

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012623.D
 Acq On : 01 Nov 2017 03:44
 Operator : SJ/JU
 Sample : I5719-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	77	87	99	rBV2	3066637	8543644	2.89%	0.166%
2	3.928	138	143	159	rBV	3479614	10295428	3.49%	0.200%
3	4.093	167	171	179	rVB	5024740	10802973	3.66%	0.210%
4	4.258	192	199	202	rBV2	15146329	29764666	10.09%	0.579%
5	4.387	216	221	231	rVB	7438434	18450983	6.25%	0.359%
6	4.540	241	247	255	rVB	13568375	31268231	10.60%	0.608%
7	4.622	255	261	266	rBV2	9743733	23030787	7.80%	0.448%
8	4.675	266	270	273	rBV	4206647	6715125	2.28%	0.131%
9	4.716	273	277	287	rVB2	10548695	26373959	8.94%	0.513%
10	4.828	288	296	306	rBV	31828976	94678110	32.08%	1.841%
11	4.928	306	313	320	rBV2	33233280	100589710	34.08%	1.956%
12	5.034	326	331	336	rBV	20660344	36633126	12.41%	0.712%
13	5.093	336	341	347	rVB2	33666453	69290114	23.48%	1.347%
14	5.240	361	366	369	rBV	8272593	17193088	5.83%	0.334%
15	5.287	370	374	375	rVV	17622985	27712329	9.39%	0.539%
16	5.322	376	380	390	rVB3	32096471	82871295	28.08%	1.611%
17	5.475	399	406	408	rBV3	3850854	7996322	2.71%	0.155%
18	5.522	408	414	419	rVV	16979306	38974284	13.21%	0.758%
19	5.581	421	424	433	rVB	15495136	35471019	12.02%	0.690%
20	5.687	433	442	448	rBV3	15486124	43704180	14.81%	0.850%
21	5.763	448	455	462	rBV3	15405783	51021806	17.29%	0.992%
22	5.840	462	468	475	rBV3	30621776	91794600	31.10%	1.785%
23	5.975	487	491	501	rVB	14305289	35383628	11.99%	0.688%
24	6.069	501	507	513	rBV	3714500	10321721	3.50%	0.201%
25	6.169	513	524	535	rBV8	44744131	202964335	68.77%	3.946%
26	6.387	552	561	573	rBV5	58128990	242241161	82.08%	4.709%
27	6.546	578	588	602	rVB10	56351349	291351417	98.72%	5.664%
28	6.710	612	616	623	rVB3	12424234	26523658	8.99%	0.516%
29	6.887	637	646	660	rVB5	59442040	257853059	87.37%	5.013%
30	7.057	665	675	689	rBV5	51571904	222225871	75.30%	4.320%
31	7.422	726	737	739	rBV6	26834428	98562351	33.40%	1.916%
32	9.045	1001	1013	1014	rBV6	64605080	205123842	69.50%	3.988%
33	9.134	1023	1028	1035	rVB7	59649332	136405342	46.22%	2.652%
34	9.263	1043	1050	1061	rVB9	55273530	221126720	74.93%	4.299%

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
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35	9.398	1065	1073	1081	rVB6	28535595	108024570	36.60%	2.100%
36	9.510	1087	1092	1095	rBV	26175764	50933692	17.26%	0.990%
37	9.663	1114	1118	1129	rVB5	49152170	115997451	39.31%	2.255%
38	9.804	1134	1142	1146	rBV	49608856	116694370	39.54%	2.269%
39	9.851	1146	1150	1153	rVV2	42843653	72260175	24.48%	1.405%
40	9.910	1153	1160	1165	rVV6	61654677	165661185	56.13%	3.221%
41	9.969	1166	1170	1179	rVB3	50962700	125024860	42.36%	2.431%
42	10.051	1180	1184	1186	rBV4	11885424	16965774	5.75%	0.330%
43	10.116	1186	1195	1202	rVV5	87842919	295121336	100.00%	5.737%
44	10.175	1202	1205	1216	rVB3	44860214	83070207	28.15%	1.615%
45	10.281	1217	1223	1236	rVB5	37978731	88926004	30.13%	1.729%
46	10.398	1237	1243	1251	rVB3	43151721	89502596	30.33%	1.740%
47	10.475	1251	1256	1260	rBV4	6601035	12793106	4.33%	0.249%
48	10.557	1266	1270	1272	rBV4	9264279	14622310	4.95%	0.284%
49	10.675	1282	1290	1294	rBV	28696234	64797947	21.96%	1.260%
50	10.734	1294	1300	1307	rVV4	42393840	90390680	30.63%	1.757%
51	10.804	1307	1312	1315	rVV	21866695	42397717	14.37%	0.824%
52	10.845	1315	1319	1323	rVB	30204661	46971118	15.92%	0.913%
53	10.898	1323	1328	1335	rVB	32197982	53491572	18.13%	1.040%
54	10.963	1335	1339	1347	rVB3	5988629	15041339	5.10%	0.292%
55	11.045	1348	1353	1358	rBV3	9104349	14925156	5.06%	0.290%
56	11.228	1379	1384	1390	rBV4	3711401	8309451	2.82%	0.162%
57	11.298	1390	1396	1398	rVV2	6740572	11622174	3.94%	0.226%
58	11.328	1398	1401	1405	rVV	9470480	16928427	5.74%	0.329%
59	11.369	1405	1408	1415	rVB5	9117449	17216058	5.83%	0.335%
60	11.445	1416	1421	1425	rVB2	4142091	6781680	2.30%	0.132%
61	11.498	1425	1430	1437	rVB6	5072771	10817089	3.67%	0.210%
62	11.581	1437	1444	1450	rVB3	13843575	28716884	9.73%	0.558%
63	11.692	1457	1463	1466	rBV	14501747	22536667	7.64%	0.438%
64	11.769	1471	1476	1482	rVB2	8413167	15198125	5.15%	0.295%
65	11.857	1486	1491	1498	rBV3	6018676	11670304	3.95%	0.227%
66	11.992	1510	1514	1519	rVB	5879946	9120625	3.09%	0.177%
67	12.045	1519	1523	1531	rBV3	2842811	7354760	2.49%	0.143%
68	12.322	1560	1570	1577	rVB3	16601488	37527606	12.72%	0.730%
69	12.539	1600	1607	1615	rVB	9968251	20588631	6.98%	0.400%
70	13.033	1686	1691	1696	rVV	12844370	18969398	6.43%	0.369%
71	13.522	1770	1774	1777	rBV	5390506	8478570	2.87%	0.165%

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72	13.657	1790	1797	1798	rBV	11779131	17020301	5.77%	0.331%
73	13.816	1818	1824	1829	rBV	15671999	29406921	9.96%	0.572%
74	13.869	1829	1833	1843	rVV2	12251868	26708000	9.05%	0.519%
75	13.975	1848	1851	1855	rVV	11895942	15012510	5.09%	0.292%
76	14.051	1855	1864	1867	rVV2	6475599	12224844	4.14%	0.238%
77	14.186	1883	1887	1889	rBV	4767543	6393548	2.17%	0.124%
78	14.463	1930	1934	1937	rBV2	5672434	9437647	3.20%	0.183%
79	14.698	1968	1974	1983	rVB	8398617	21355553	7.24%	0.415%
80	14.892	2002	2007	2013	rVV	12178067	20717168	7.02%	0.403%
81	14.969	2013	2020	2024	rVV	9928723	16169927	5.48%	0.314%
82	15.016	2024	2028	2038	rVB7	4633302	8578443	2.91%	0.167%
83	15.110	2039	2044	2048	rBV	8230199	13212798	4.48%	0.257%
84	15.163	2048	2053	2057	rVB	7273022	10285863	3.49%	0.200%
85	15.280	2066	2073	2076	rBV2	4097811	8170889	2.77%	0.159%
86	15.663	2134	2138	2141	rVB2	4861964	6701686	2.27%	0.130%
87	15.745	2148	2152	2157	rVB	12198676	16415699	5.56%	0.319%
88	15.951	2183	2187	2190	rVV3	4099325	6544236	2.22%	0.127%
89	16.227	2227	2234	2238	rBV2	15763893	25233699	8.55%	0.491%
90	16.539	2280	2287	2290	rBV5	3270454	6492067	2.20%	0.126%
91	16.592	2291	2296	2301	rBV5	5346402	9647470	3.27%	0.188%
92	17.045	2368	2373	2384	rVB2	12505907	21727832	7.36%	0.422%
93	17.274	2408	2412	2416	rVV	5125930	7293978	2.47%	0.142%
94	17.327	2417	2421	2426	rVB2	5036141	7386552	2.50%	0.144%
95	17.645	2471	2475	2486	rVB3	3868699	7145528	2.42%	0.139%
96	18.104	2549	2553	2558	rBV	4553518	7744281	2.62%	0.151%
97	18.151	2558	2561	2569	rVB	5440978	7916811	2.68%	0.154%
98	19.021	2705	2709	2712	rVV	5076533	7565291	2.56%	0.147%
99	19.057	2712	2715	2722	rVB2	3695975	7068625	2.40%	0.137%
100	19.345	2759	2764	2768	rVB	29384104	35583707	12.06%	0.692%

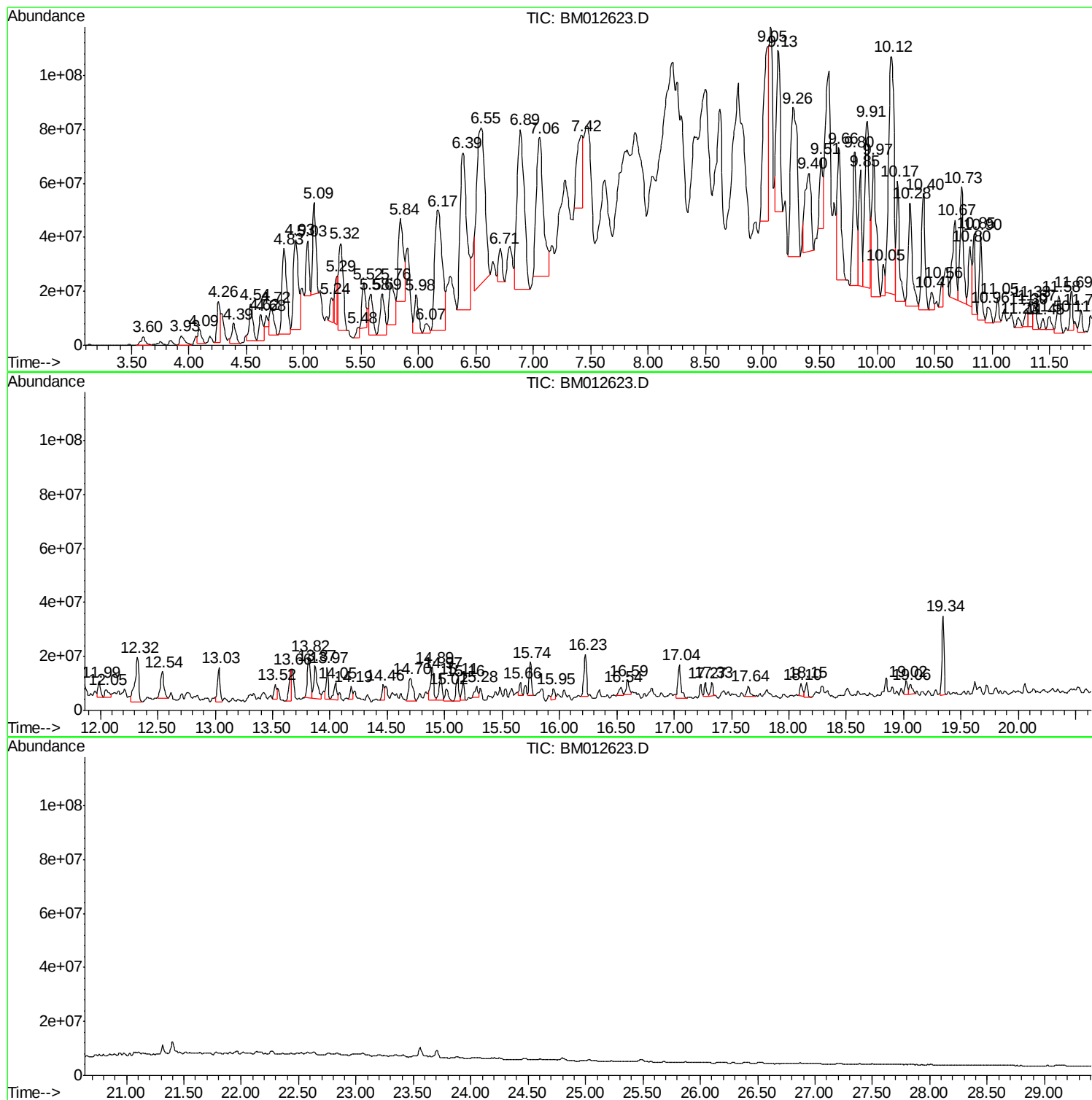
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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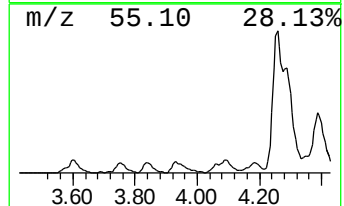
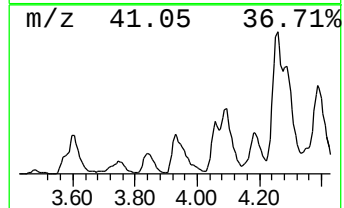
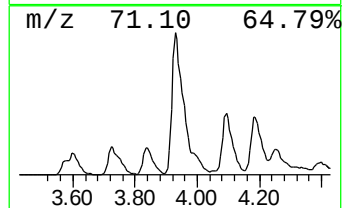
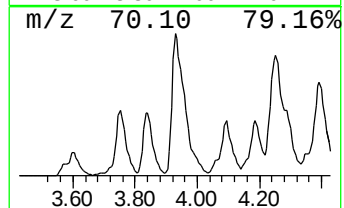
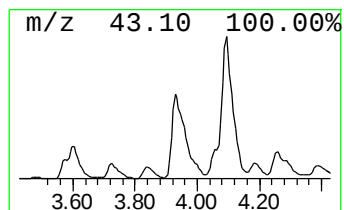
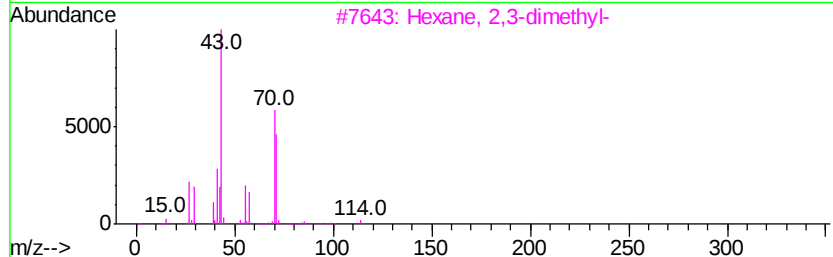
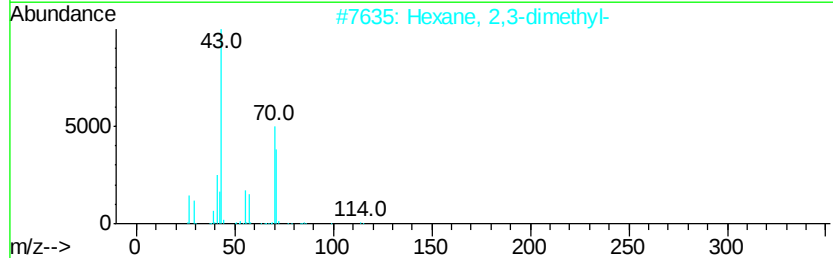
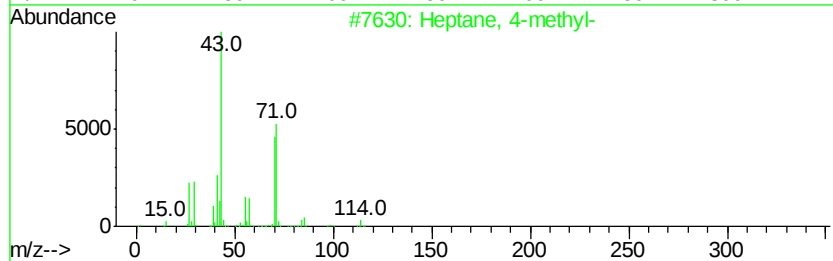
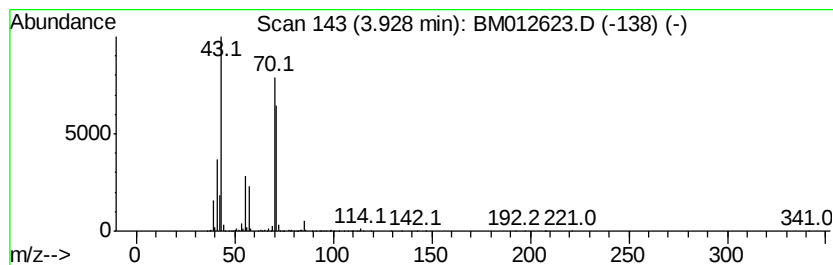
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	2.09 ng/ul	10295400	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-methyl-	114	C8H18	000589-53-7	90
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
3		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78



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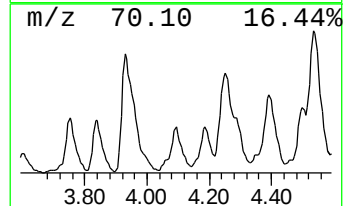
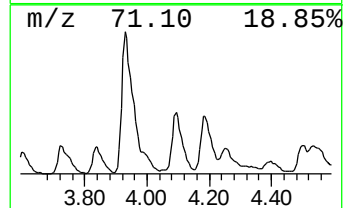
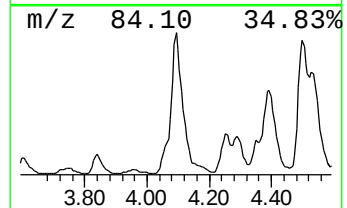
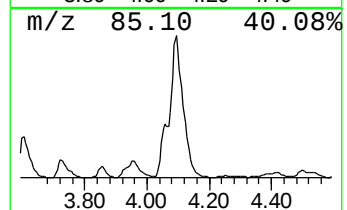
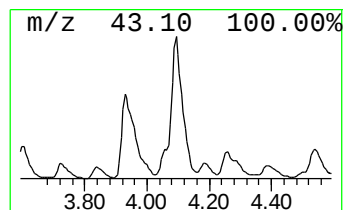
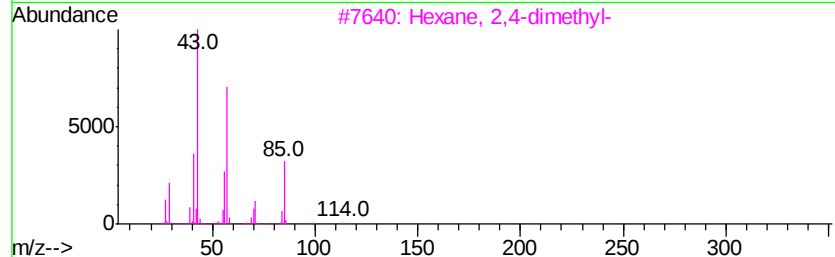
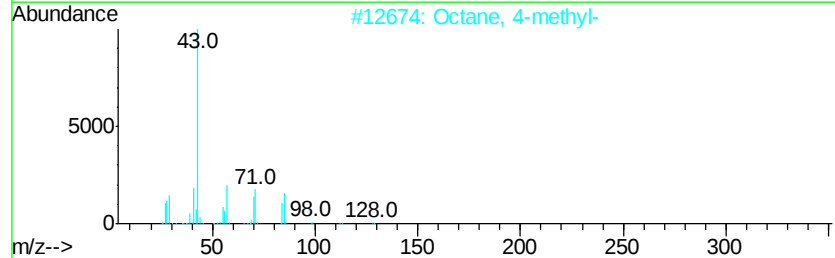
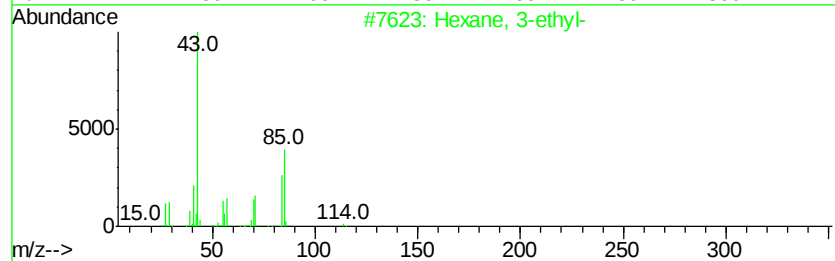
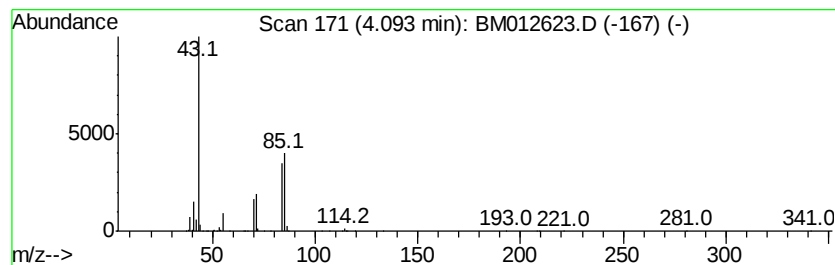
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	2.19 ng/ul	10803000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	91
2			Octane, 4-methyl-	128	C9H20	002216-34-4	83
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	56
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	56



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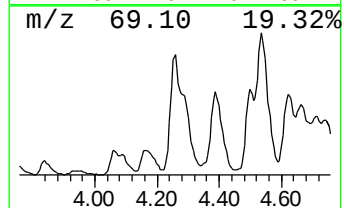
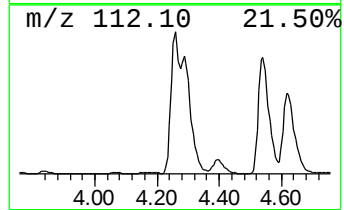
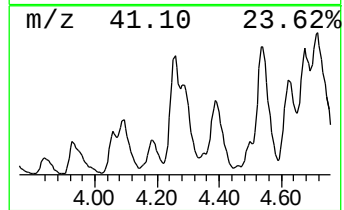
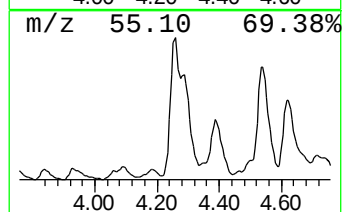
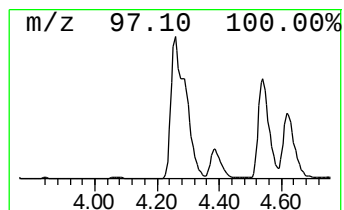
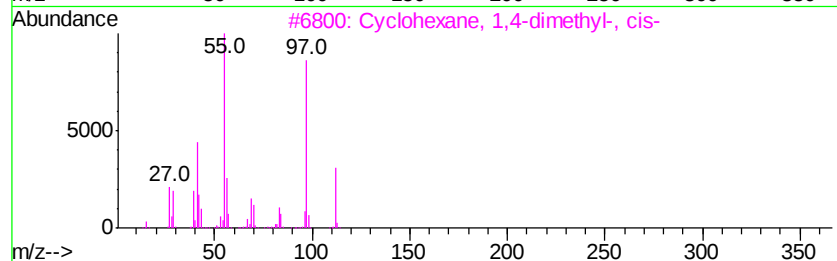
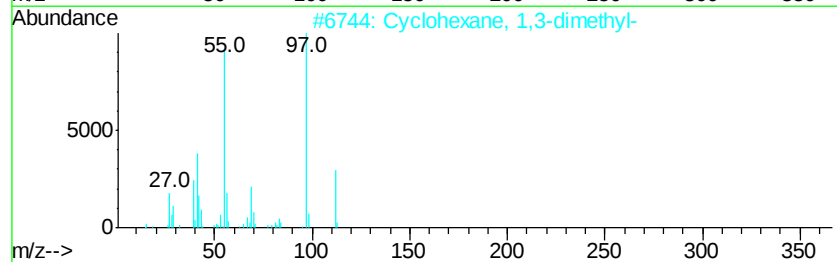
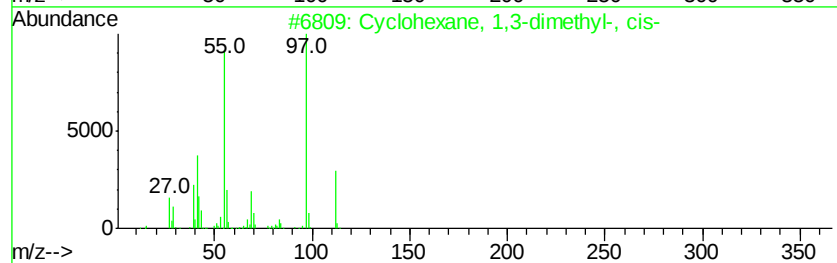
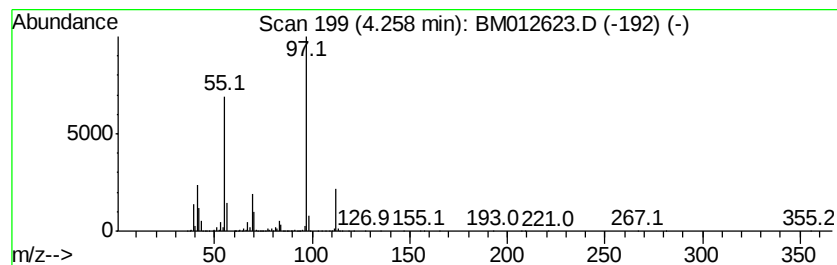
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic4.26 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	6.04 ng/ul	29764700	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
2		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	91
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	78
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	70



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Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

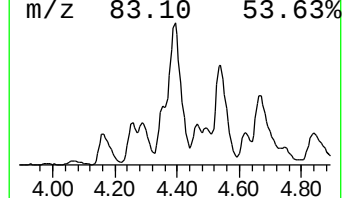
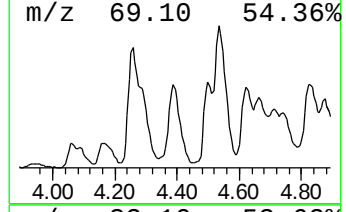
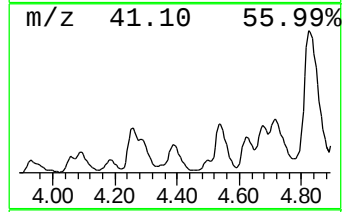
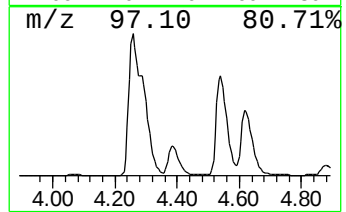
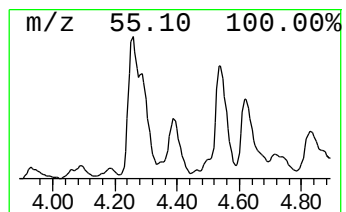
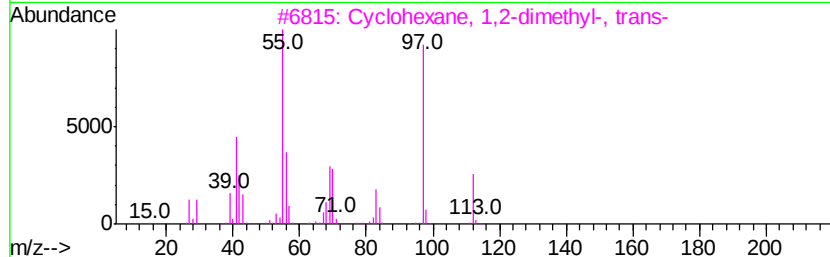
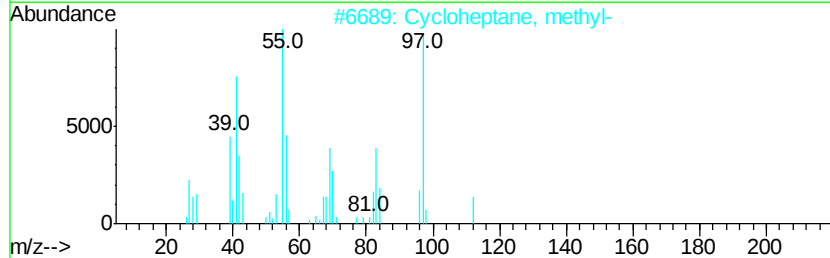
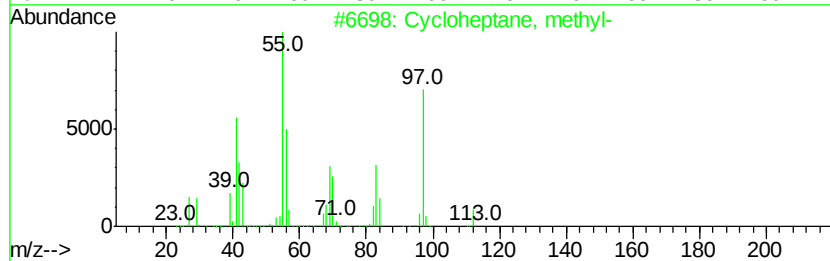
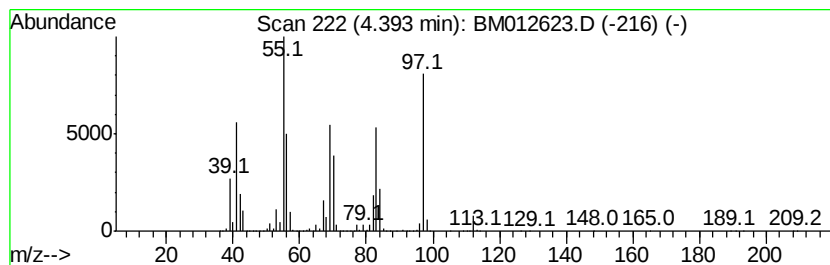
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic4.39 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.74 ng/ul	18451000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	91
2		Cycloheptane, methyl-	112	C8H16	004126-78-7	91
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	74
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	52



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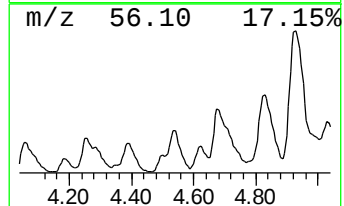
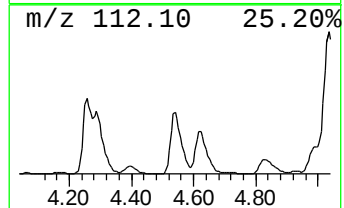
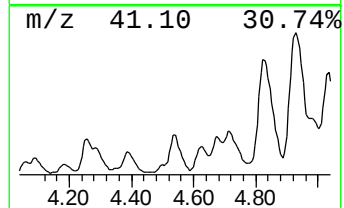
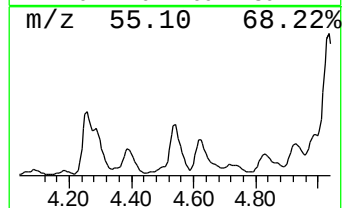
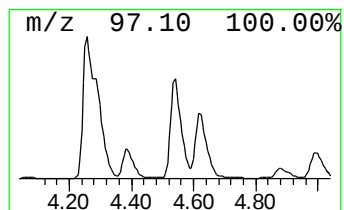
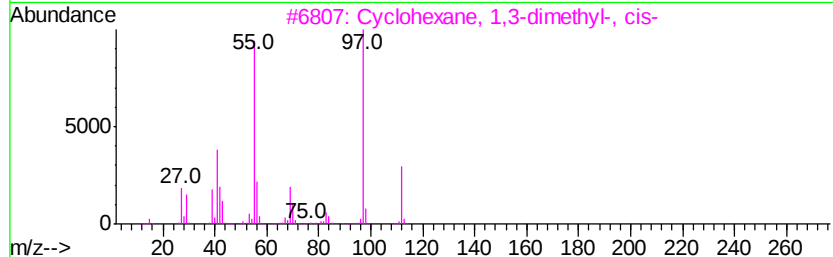
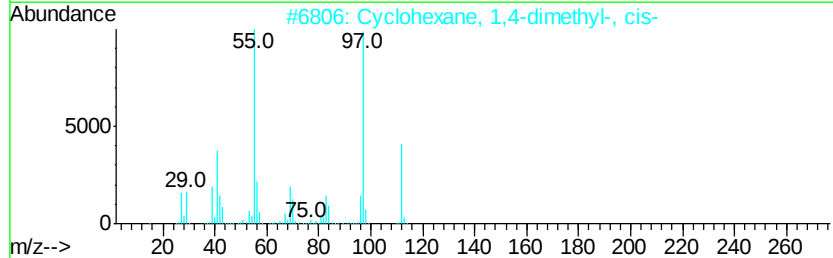
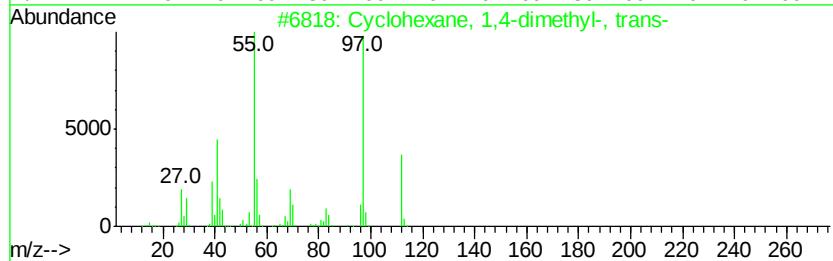
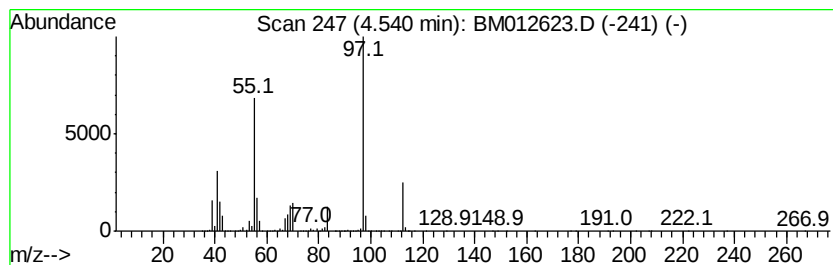
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic4.54 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	6.34 ng/ul	31268200	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	86



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Data File : BM012623.D
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Operator : SJ/JU
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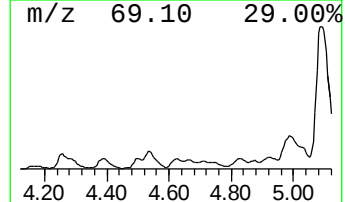
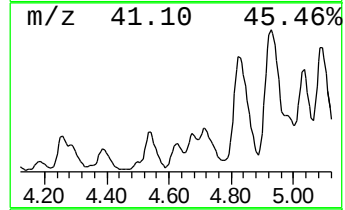
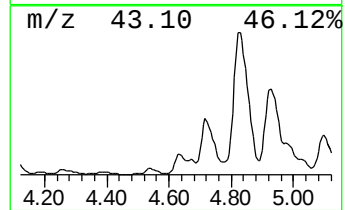
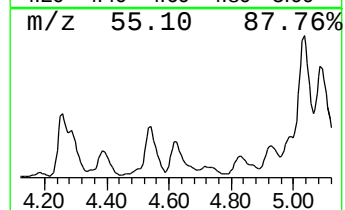
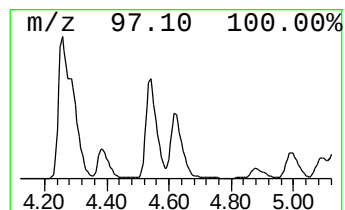
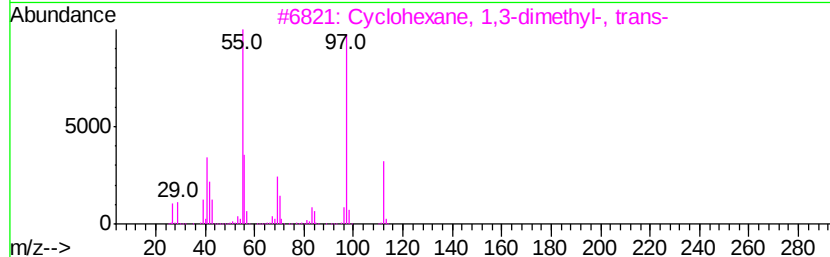
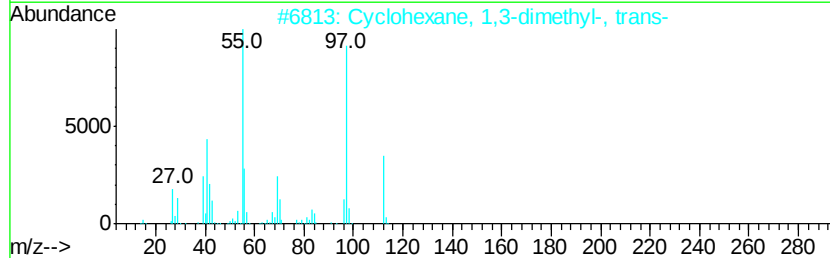
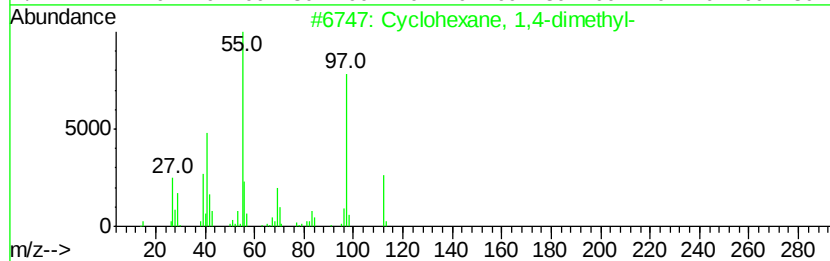
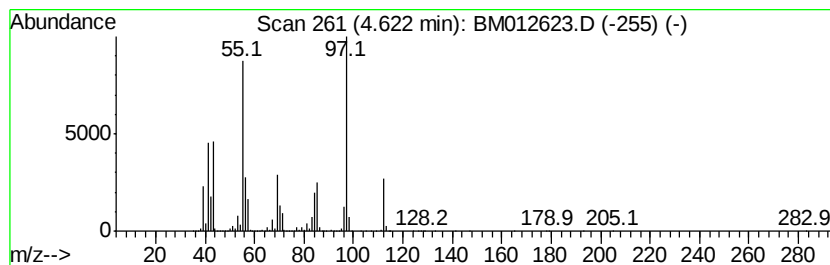
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic4.62 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	4.67 ng/ul	23030800	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Operator : SJ/JU
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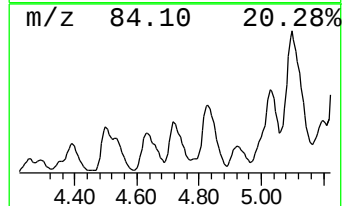
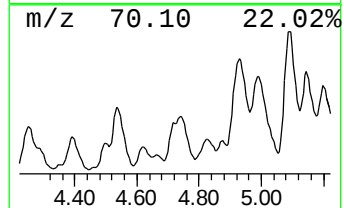
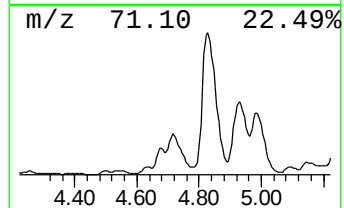
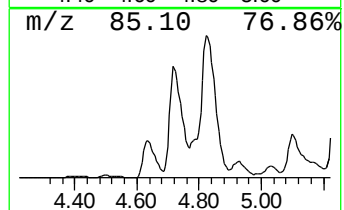
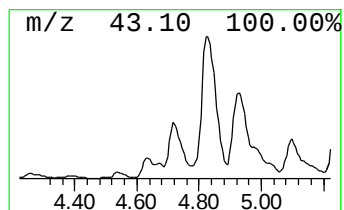
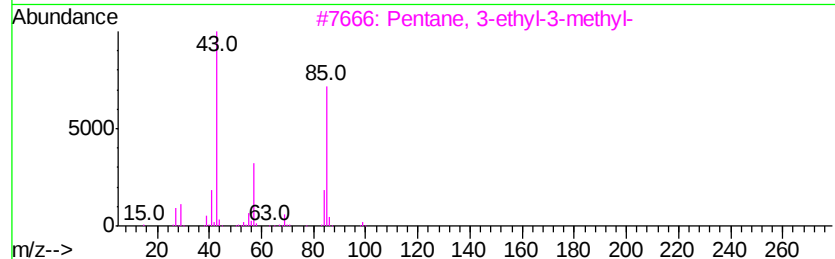
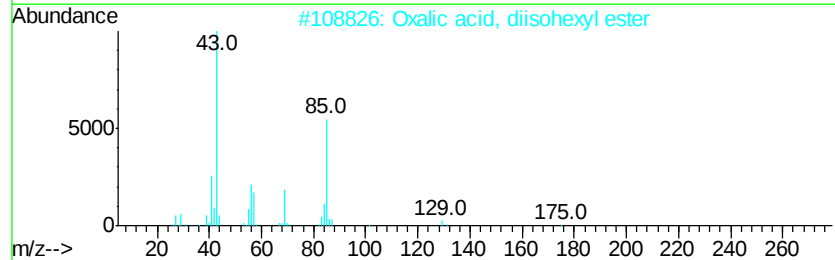
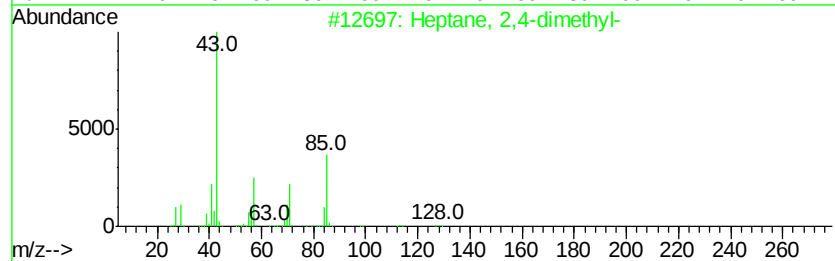
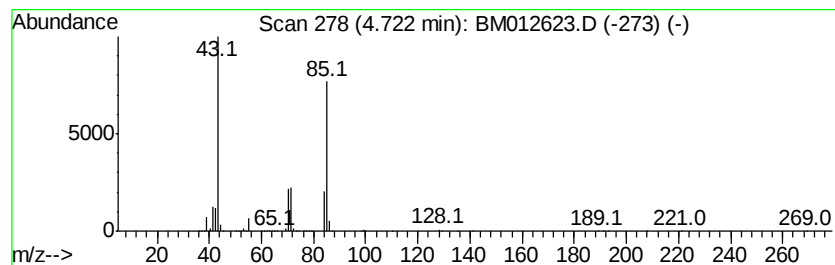
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	5.35 ng/ul	26374000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
2			Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	59
3			Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	53
4			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
5			Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
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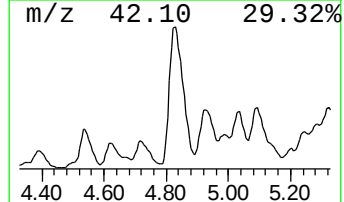
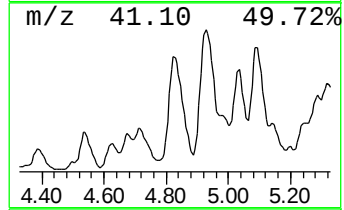
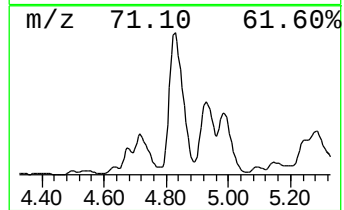
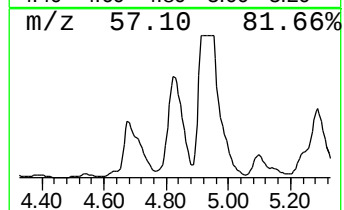
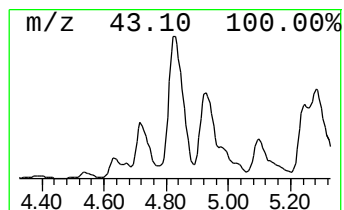
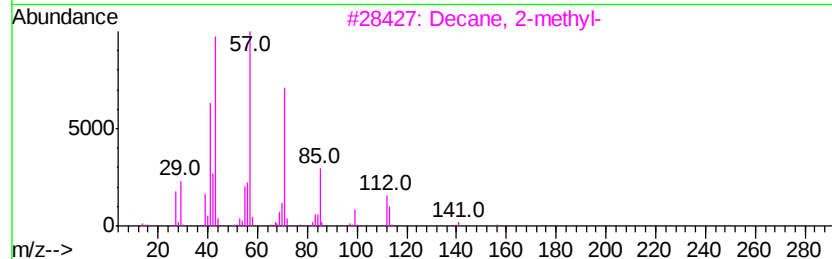
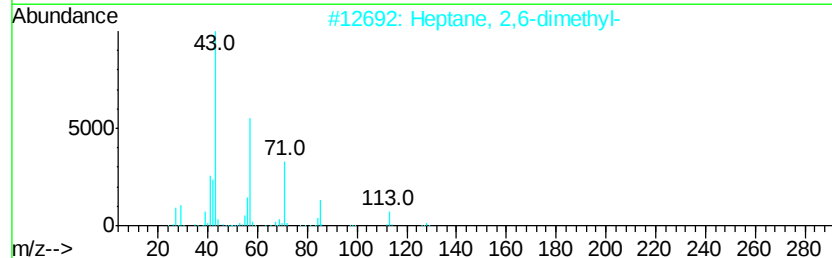
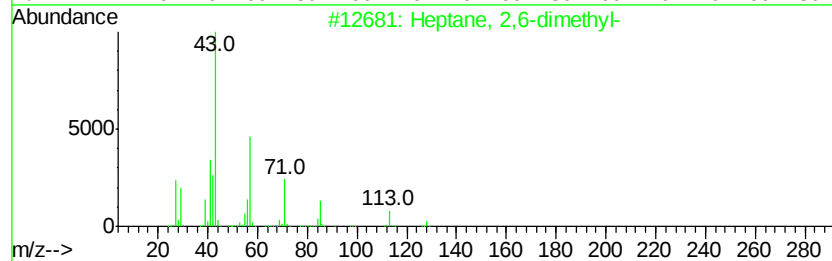
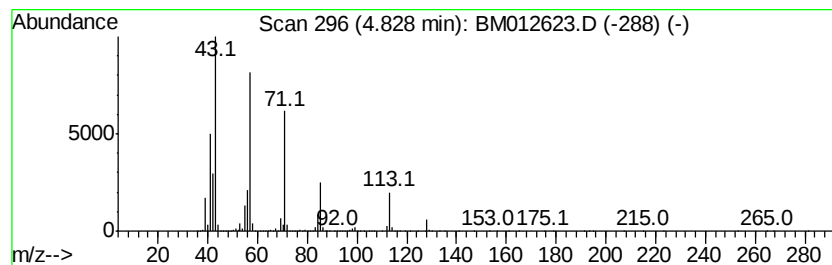
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	19.21 ng/ul	94678100	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Octane, 2-methyl-	128	C9H20	003221-61-2	64
5		Octane, 2-methyl-	128	C9H20	003221-61-2	64



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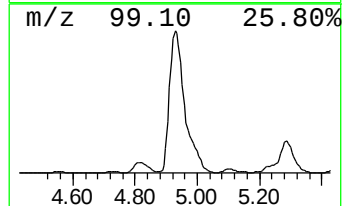
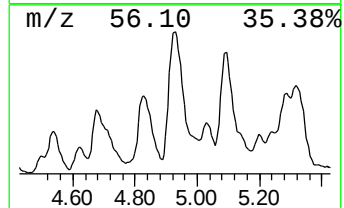
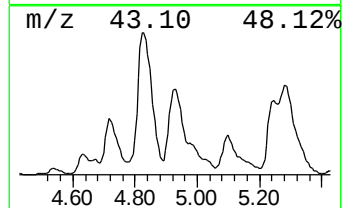
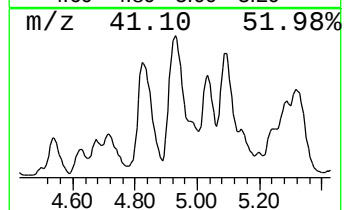
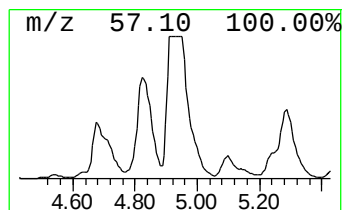
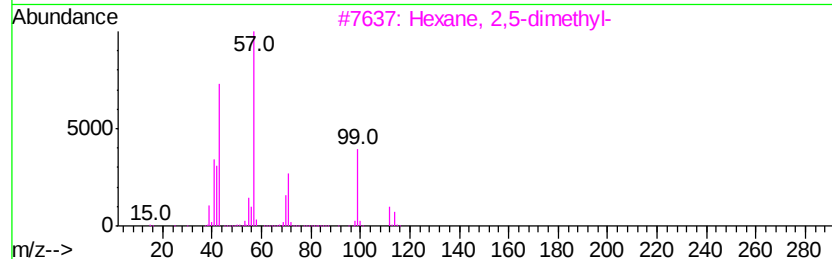
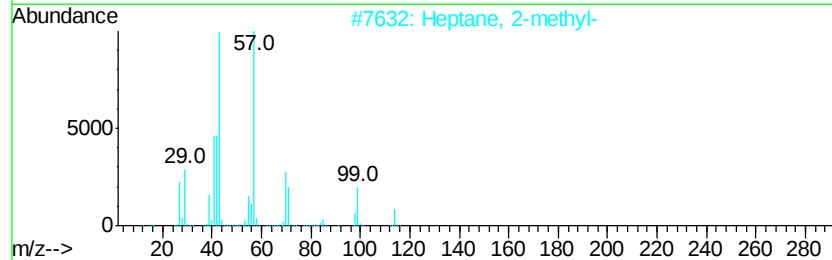
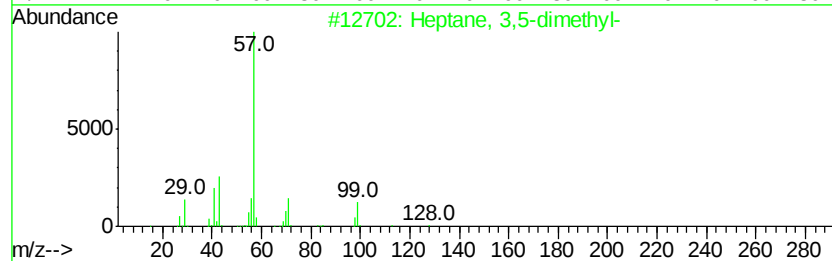
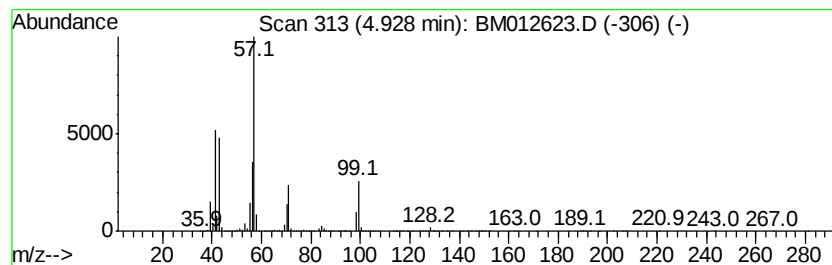
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	20.41 ng/ul	100590000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	59
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52



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ALS Vial : 18 Sample Multiplier: 1

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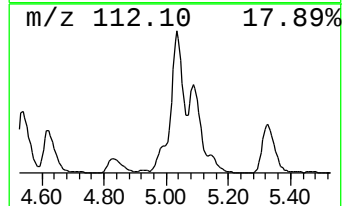
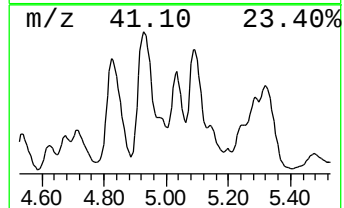
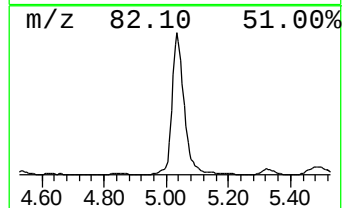
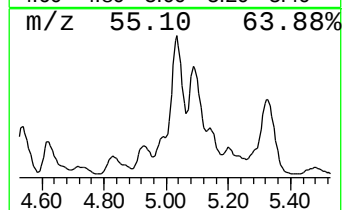
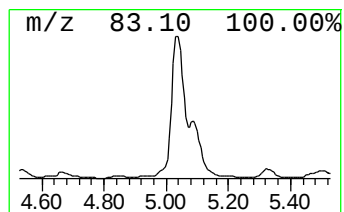
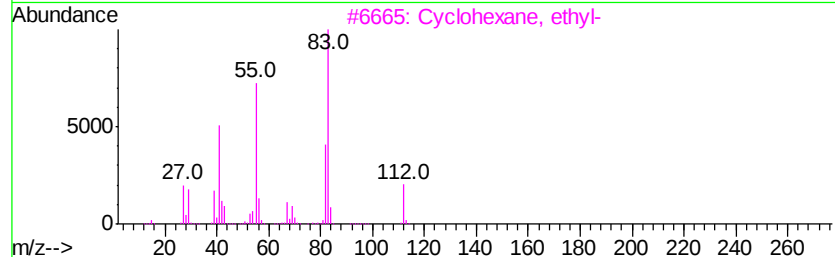
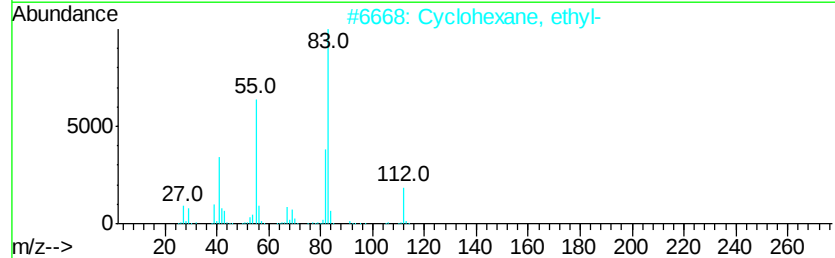
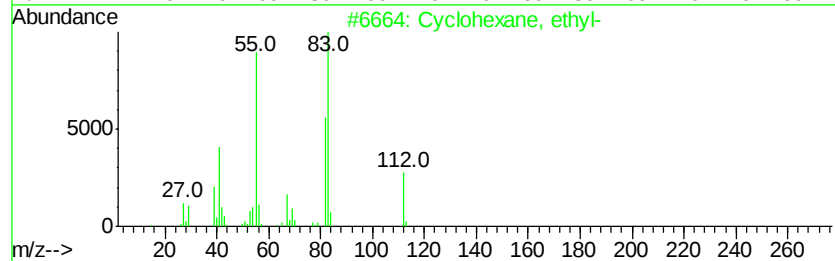
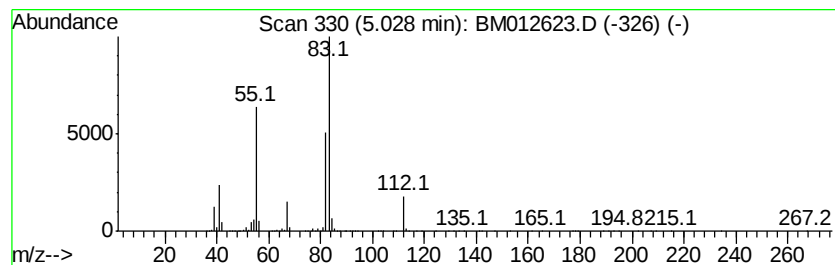
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic5.03 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	7.43 ng/ul	36633100	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

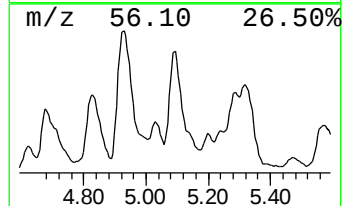
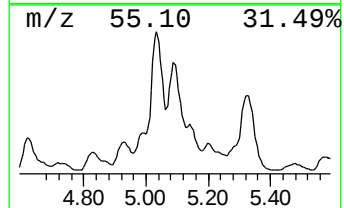
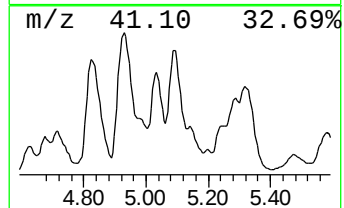
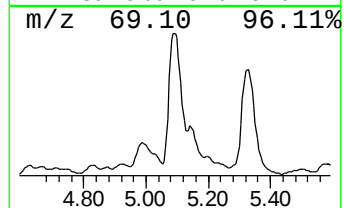
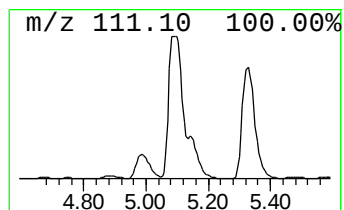
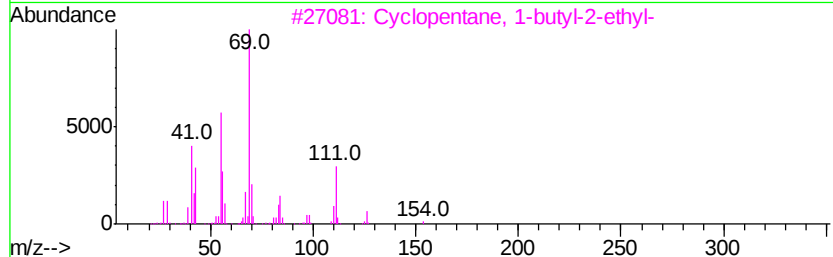
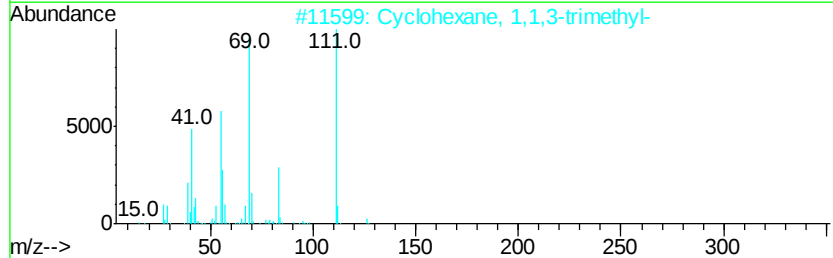
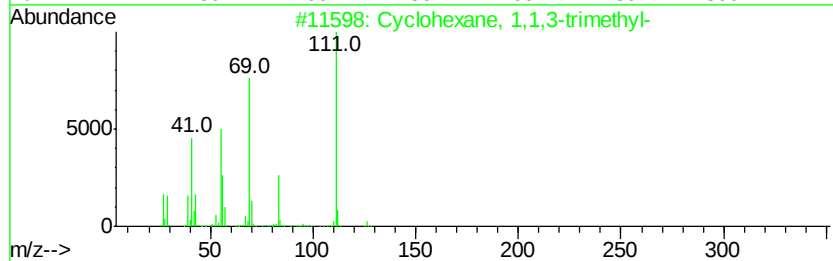
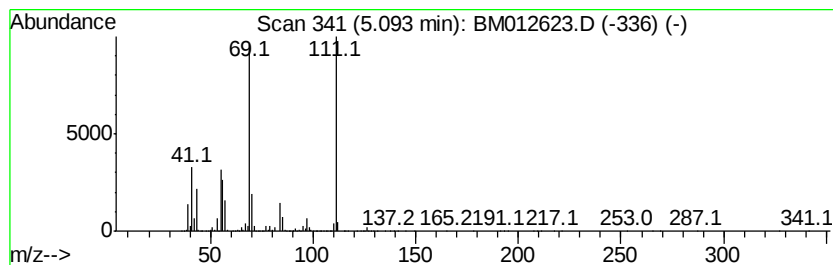
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic5.09 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	14.06 ng/ul	69290100	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	59
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	56
5		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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ClientSampleId :
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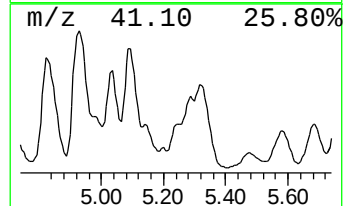
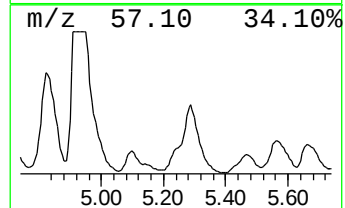
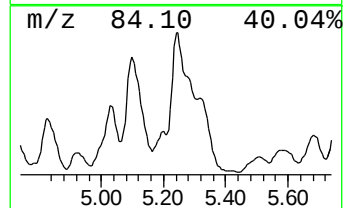
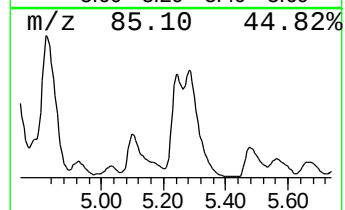
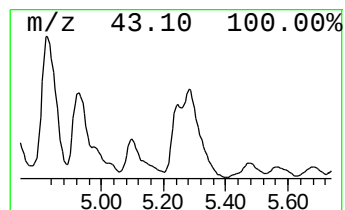
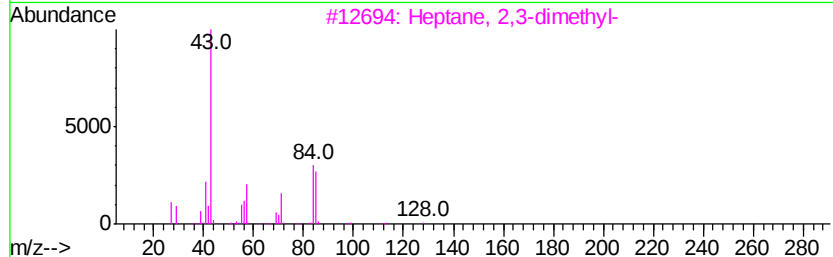
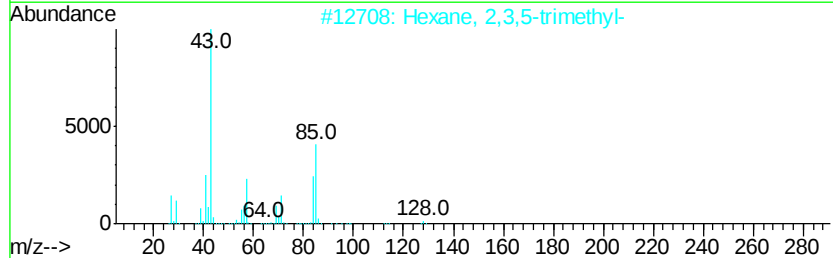
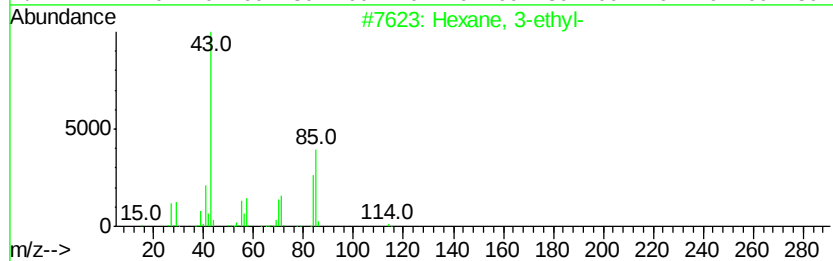
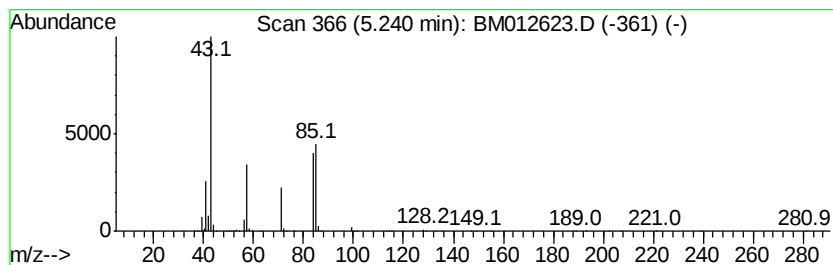
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	3.49 ng/ul	17193100	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4			Nonane, 5-methyl-	142	C10H22	015869-85-9	59
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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ClientSampleId :
B-35(2-3.8)-100417

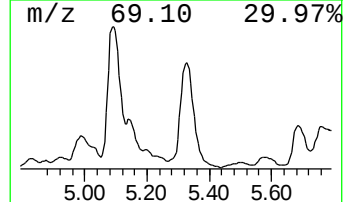
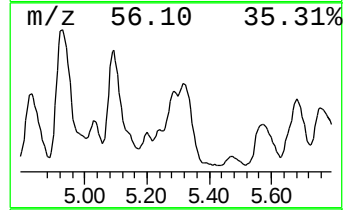
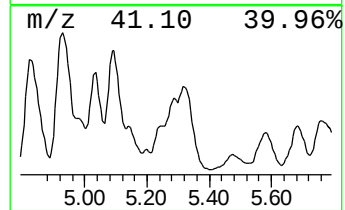
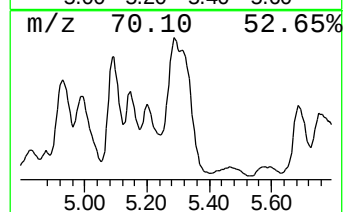
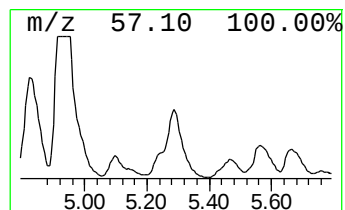
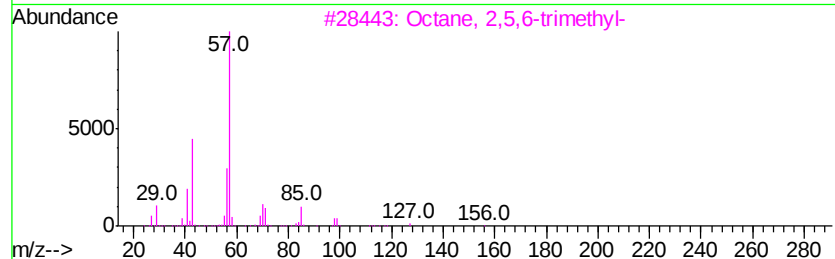
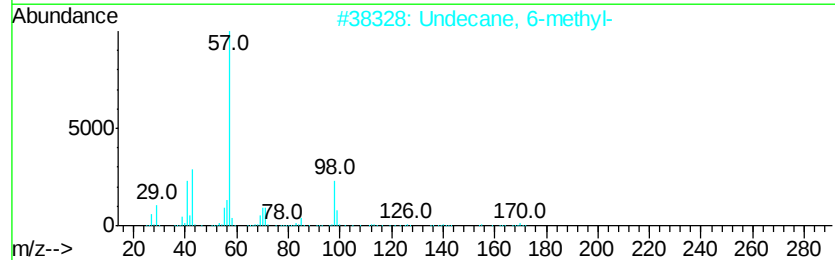
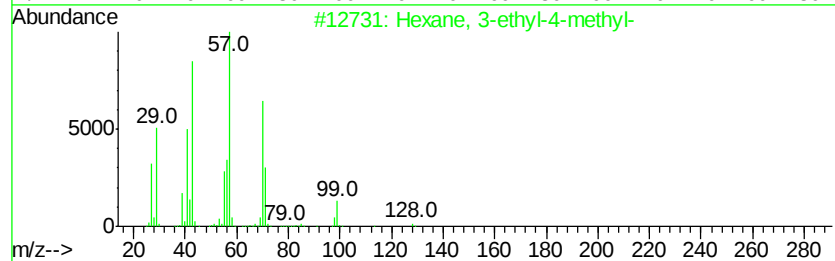
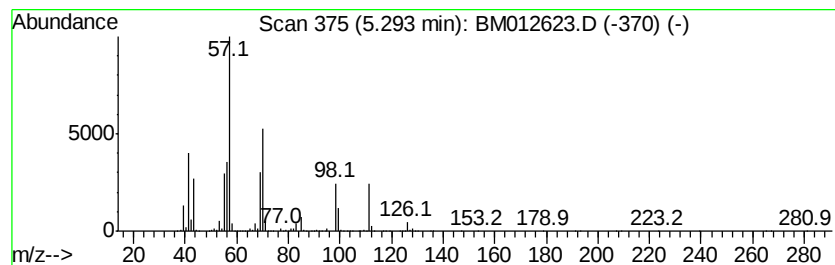
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	5.62 ng/ul	27712300	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	47
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	47
3		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
4		Heptane, 3-ethyl-	128	C9H20	015869-80-4	46
5		Octane, 3-methyl-	128	C9H20	002216-33-3	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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ClientSampleId :
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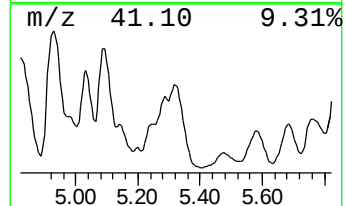
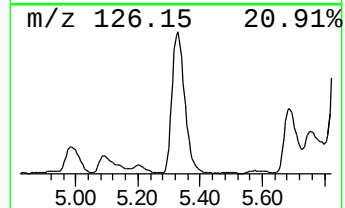
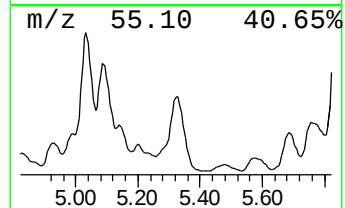
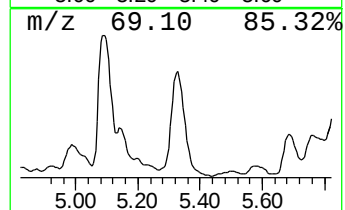
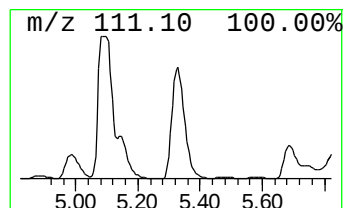
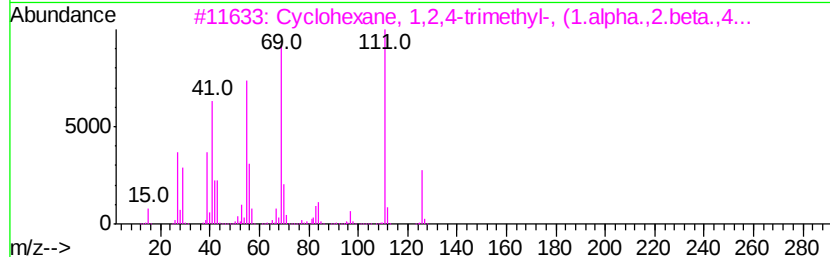
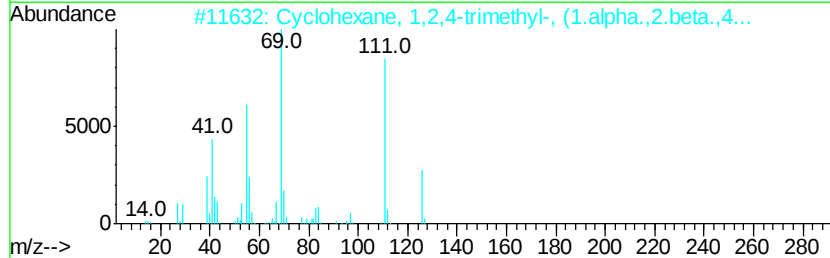
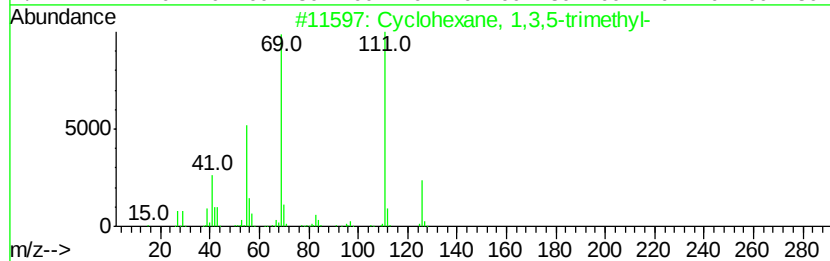
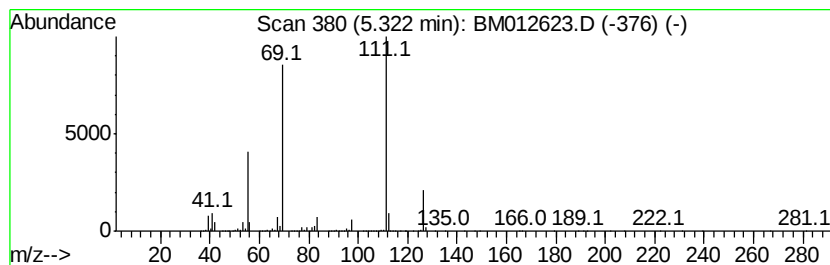
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic5.32 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	16.82 ng/ul	82871300	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
5			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	78



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
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ClientSampleId :
B-35(2-3.8)-100417

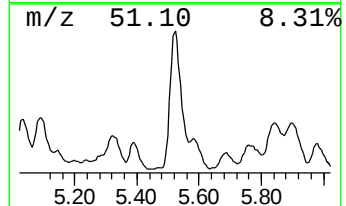
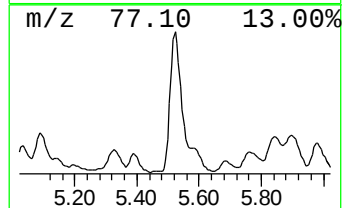
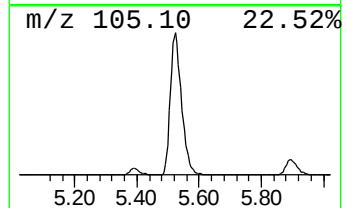
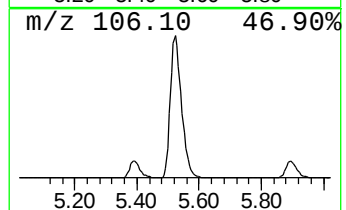
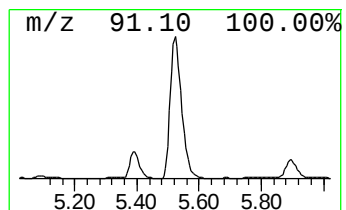
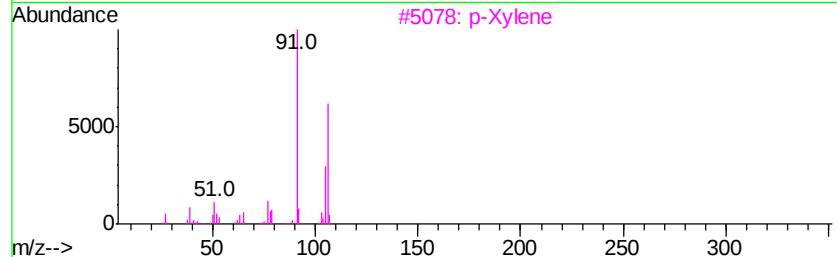
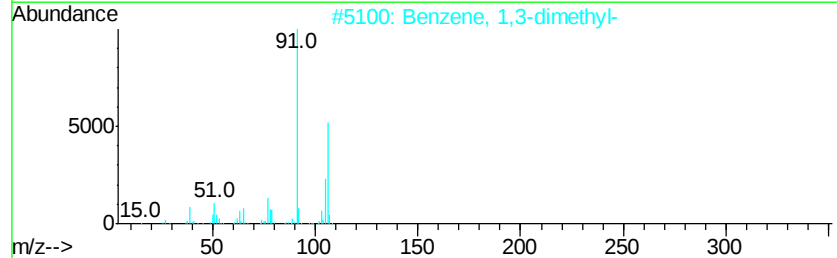
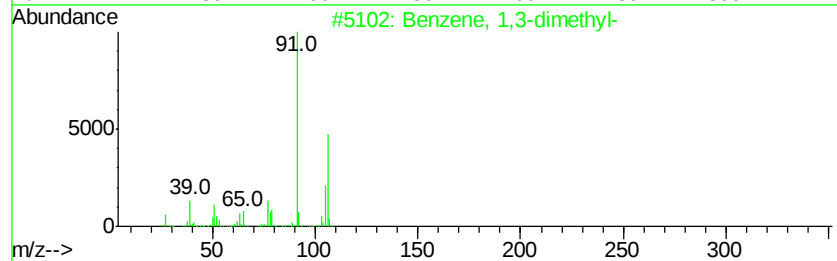
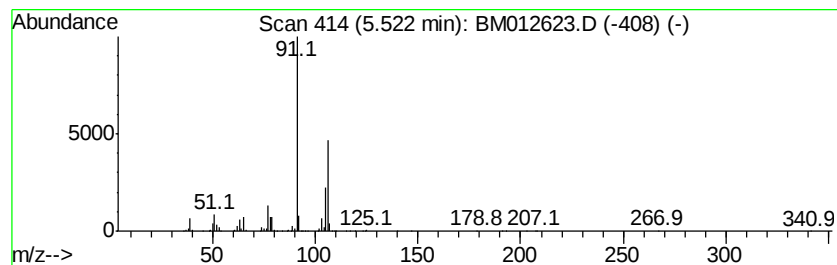
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,3-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	7.91 ng/ul	38974300	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		o-Xylene	106	C8H10	000095-47-6	97
5		p-Xylene	106	C8H10	000106-42-3	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

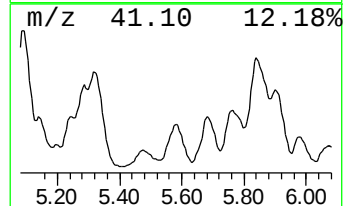
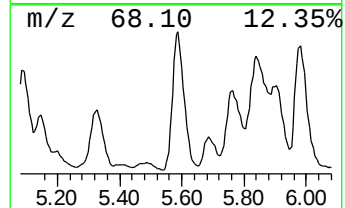
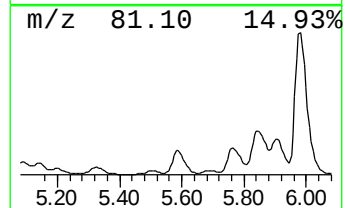
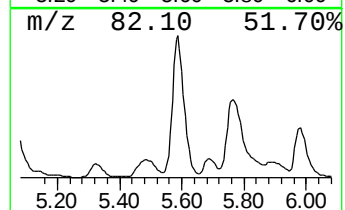
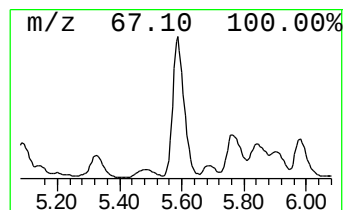
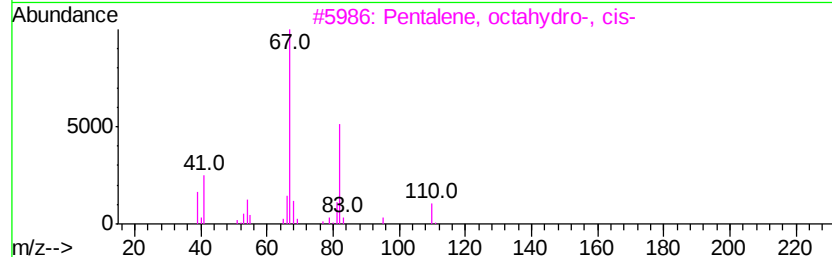
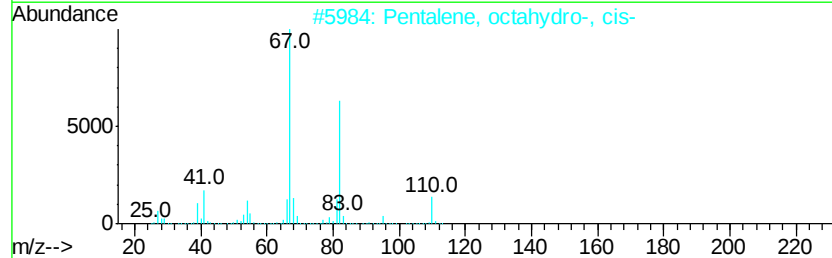
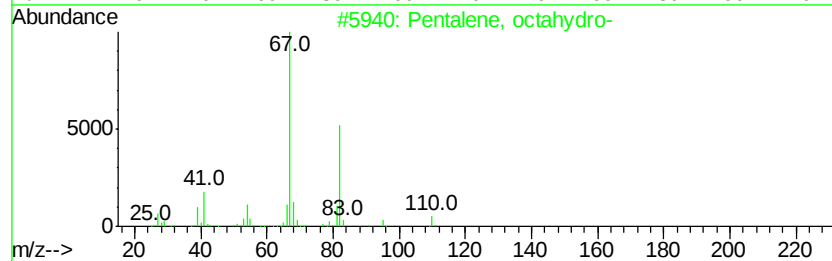
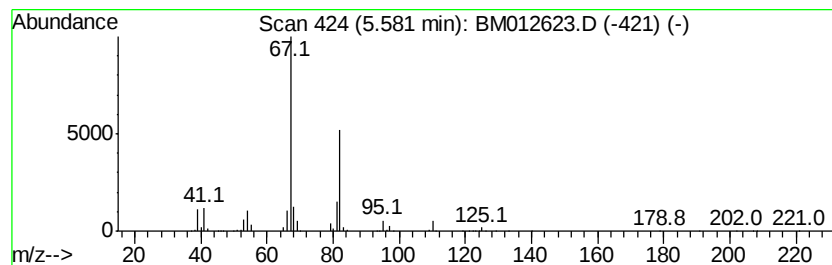
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentalene, octahydro- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	7.20 ng/ul	35471000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-	110	C8H14	000694-72-4	91
2		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
3		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	86
4		Pentalene, octahydro-	110	C8H14	000694-72-4	78
5		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	78



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
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Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

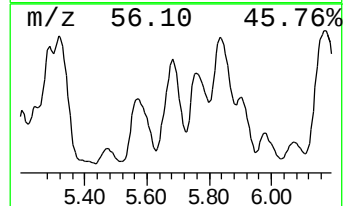
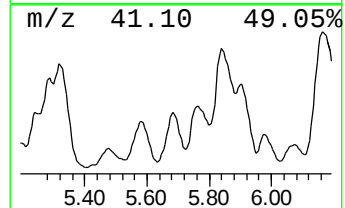
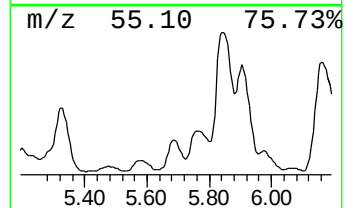
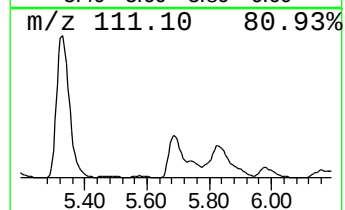
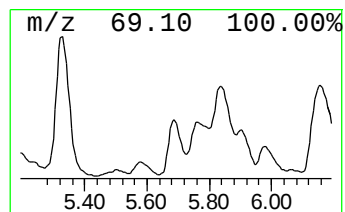
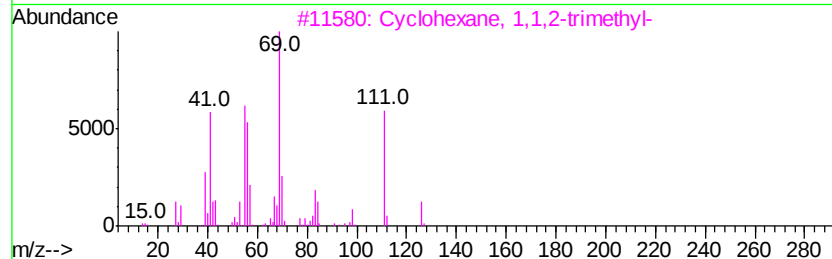
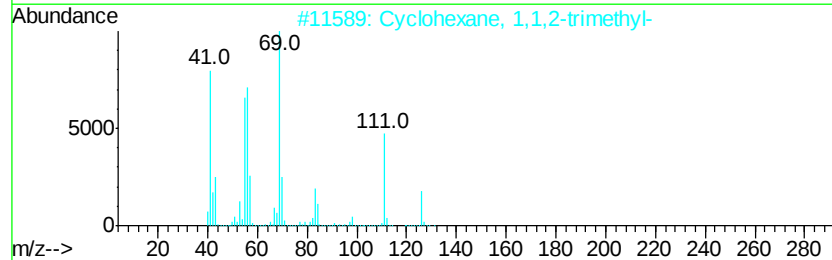
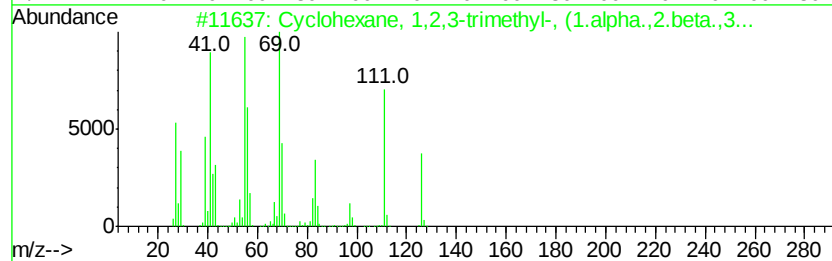
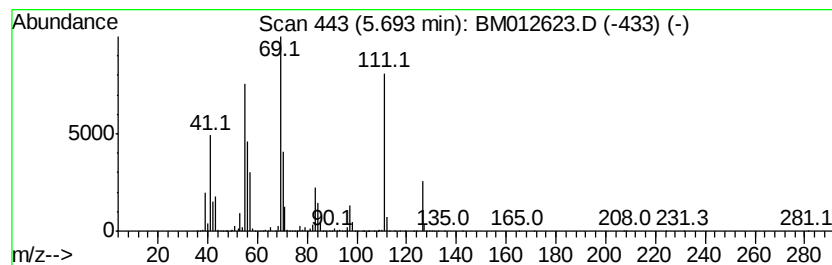
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic5.69 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	8.87 ng/ul	43704200	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

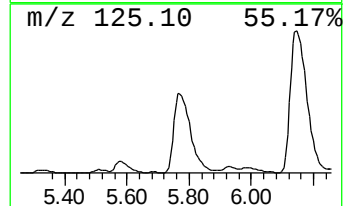
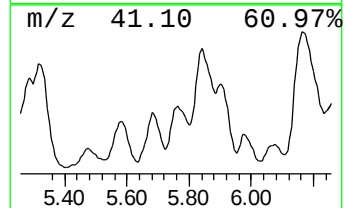
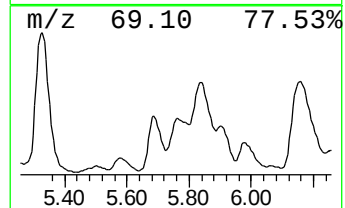
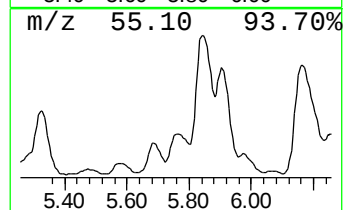
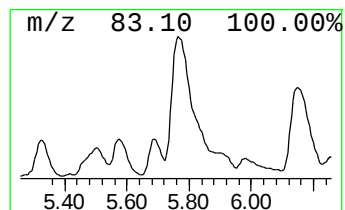
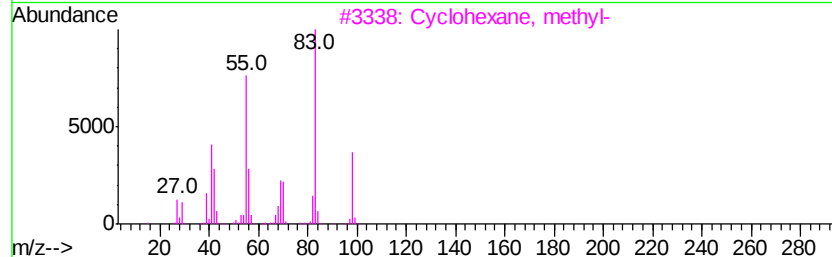
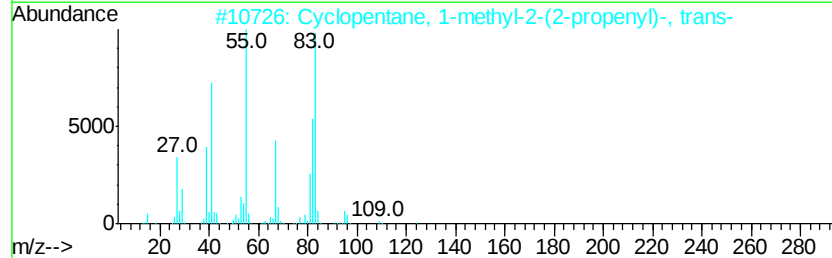
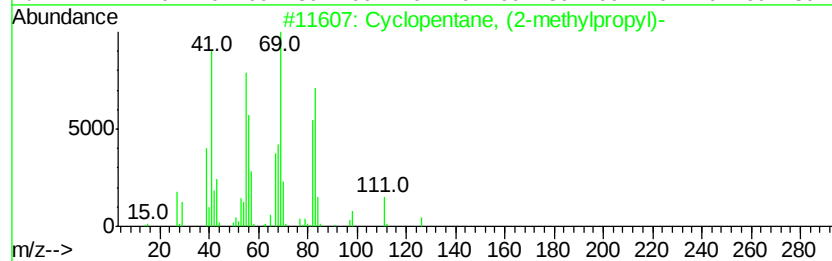
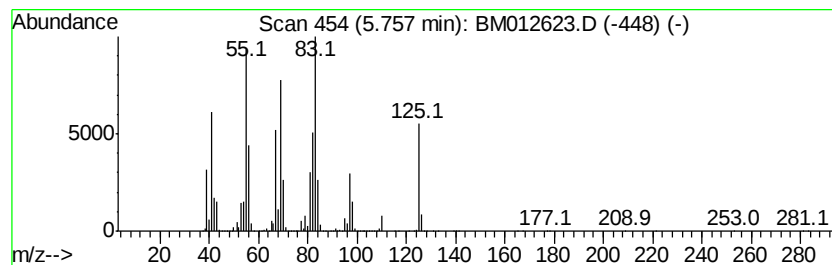
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic5.76 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	10.35 ng/ul	51021800	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	52
2		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	35
4		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	30
5		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
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Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

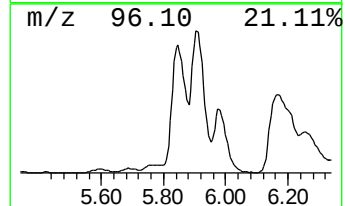
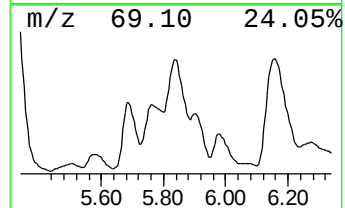
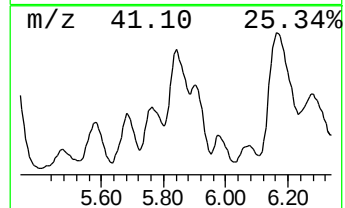
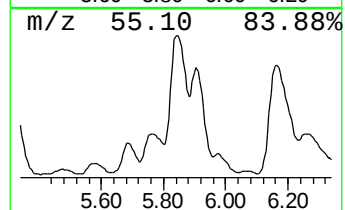
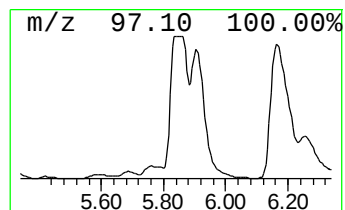
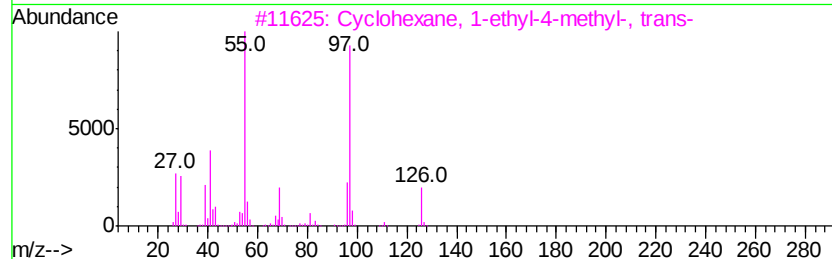
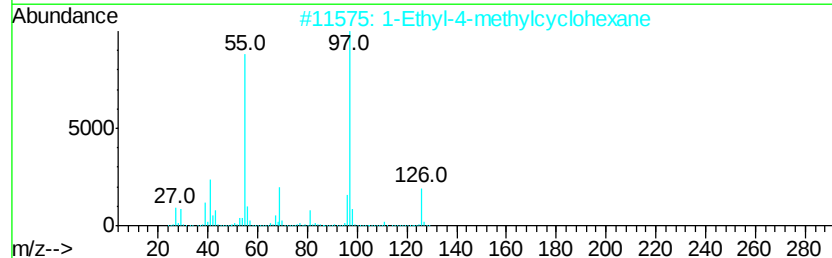
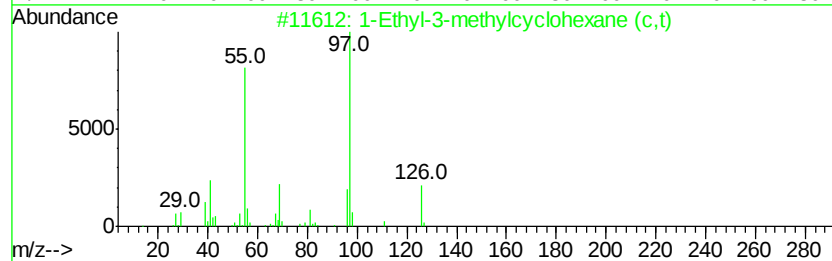
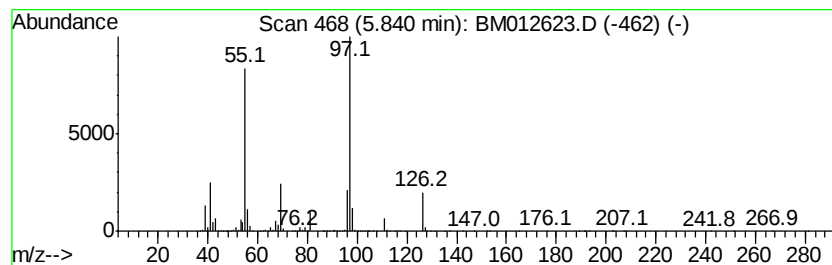
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic5.84 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	18.63 ng/ul	91794600	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

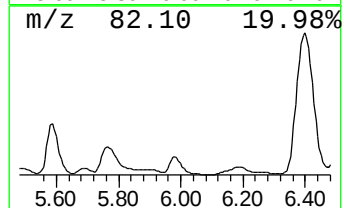
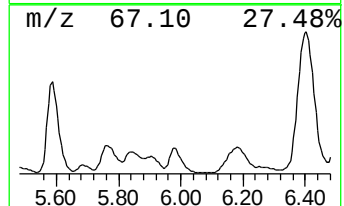
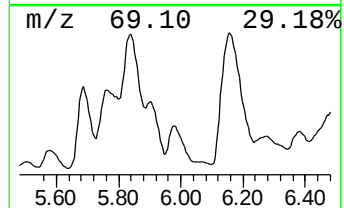
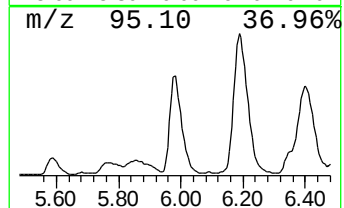
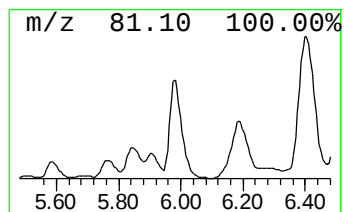
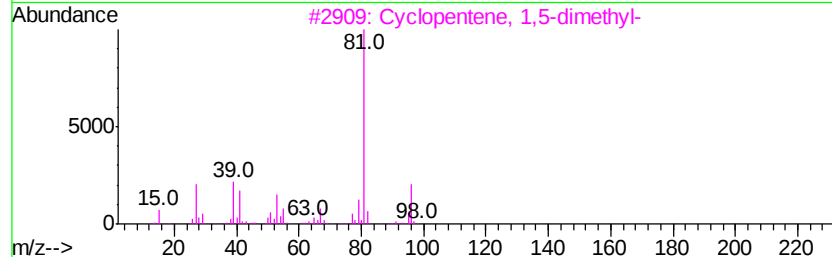
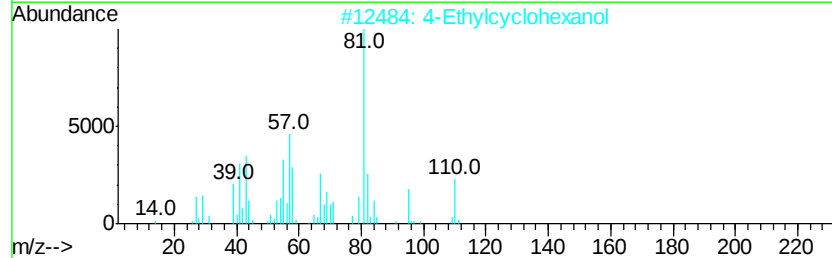
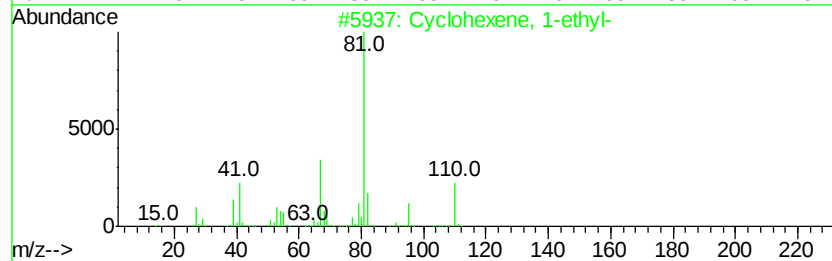
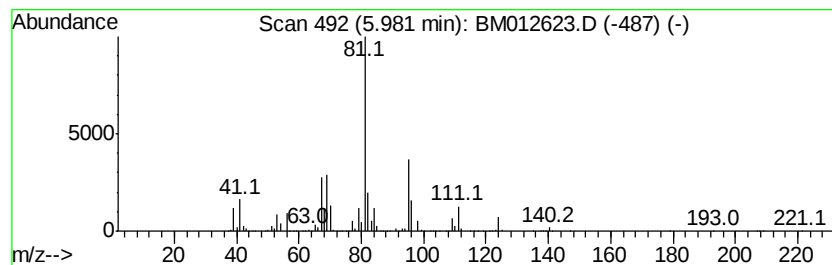
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclohexene, 1-ethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	7.18 ng/ul	35383600	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	53
2		4-Ethylcyclohexanol	128	C8H16O	004534-74-1	45
3		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	43
4		Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	43
5		4-Ethylcyclohexene	110	C8H14	003742-42-5	42



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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B-35(2-3.8)-100417

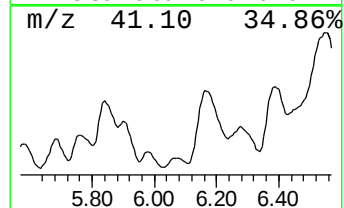
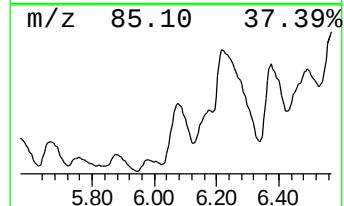
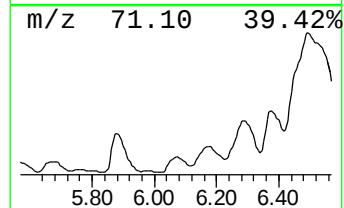
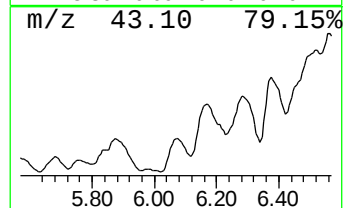
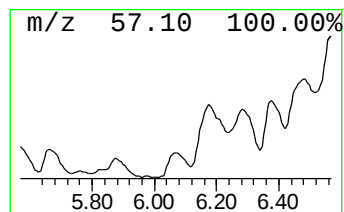
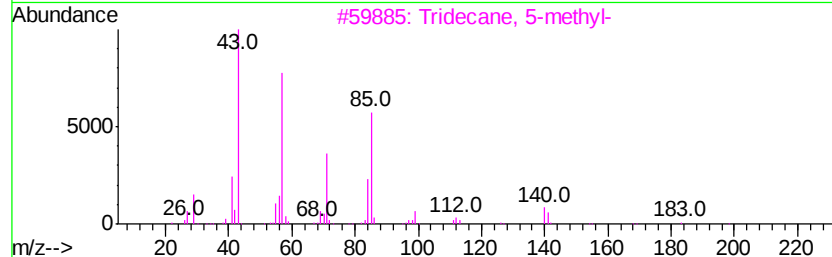
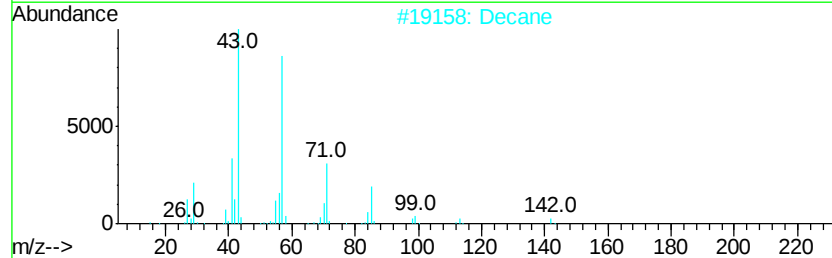
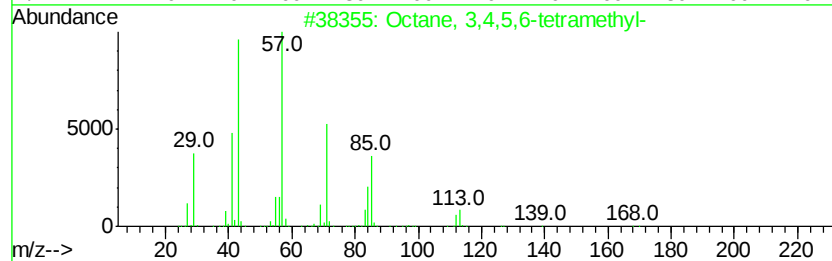
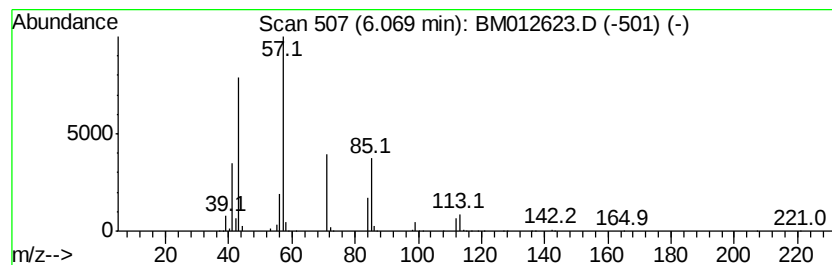
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	2.09 ng/ul	10321700	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	83
2			Decane	142	C10H22	000124-18-5	78
3			Tridecane, 5-methyl-	198	C14H30	025117-31-1	64
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

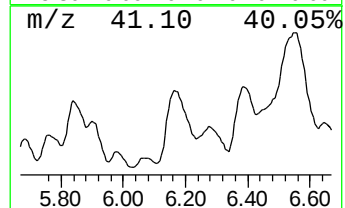
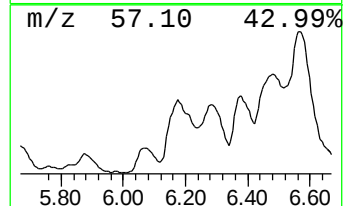
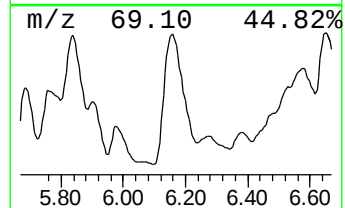
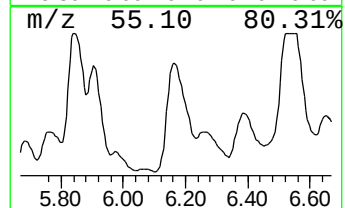
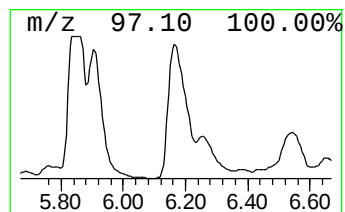
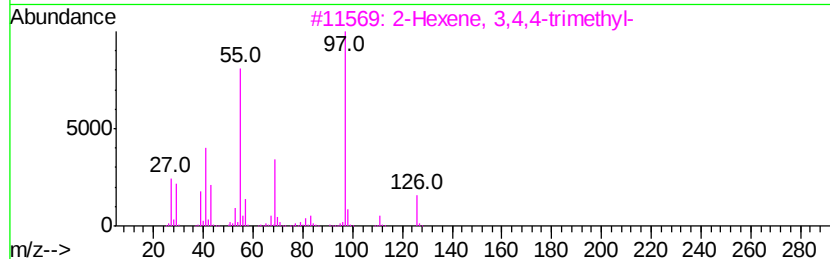
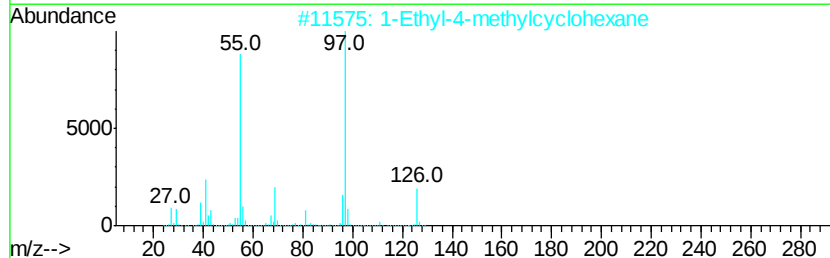
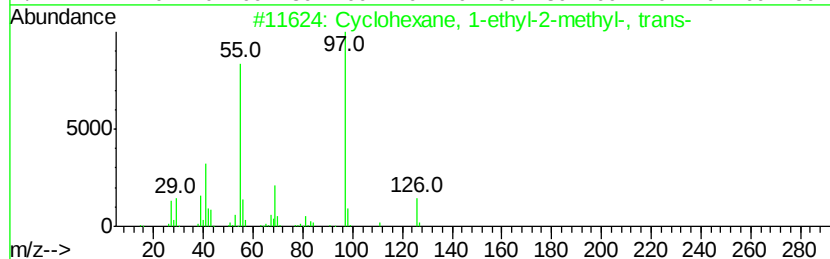
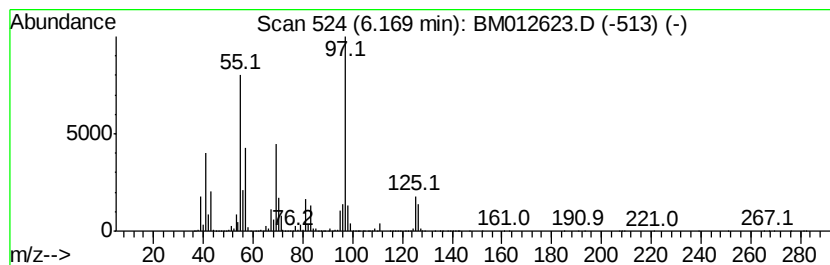
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic6.17 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	41.19 ng/ul	202964000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
3		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
5		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

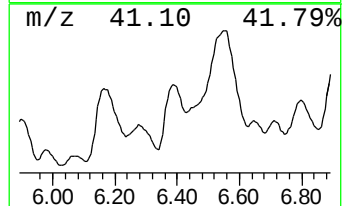
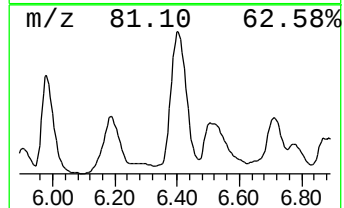
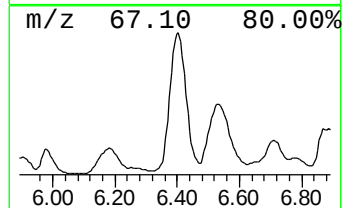
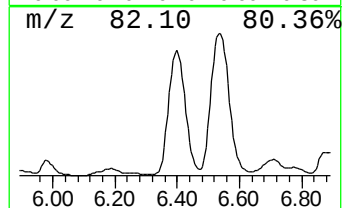
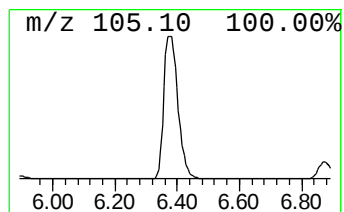
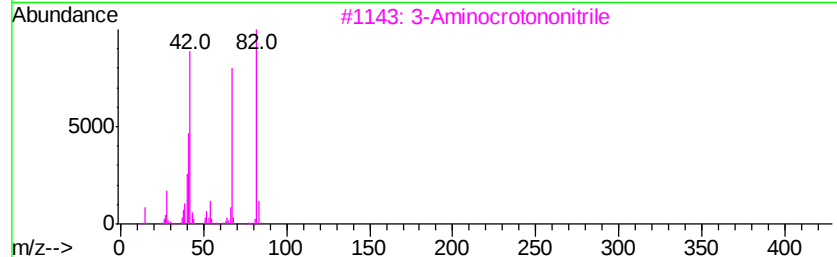
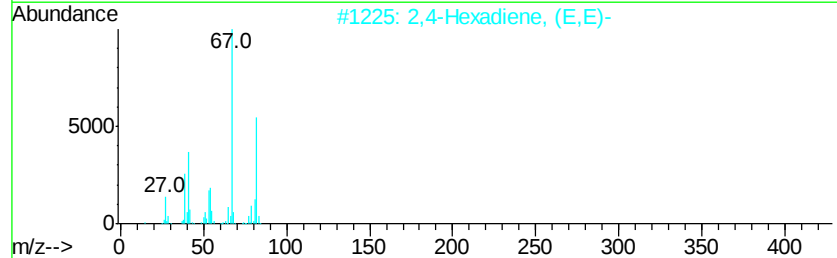
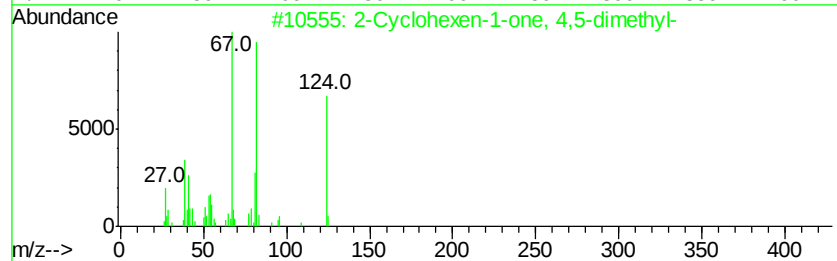
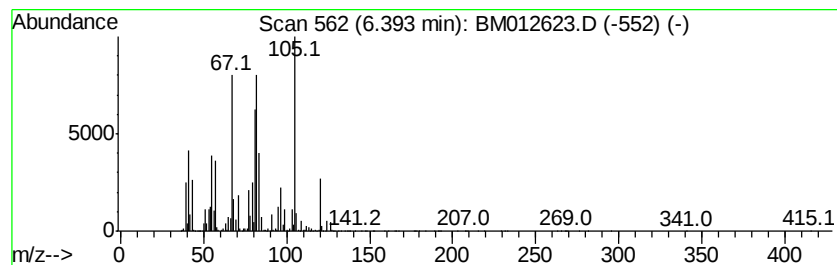
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	49.15 ng/ul	242241000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	38
2		2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38
3		3-Aminocrotononitrile	82	C4H6N2	001118-61-2	35
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
5		C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	30



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Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

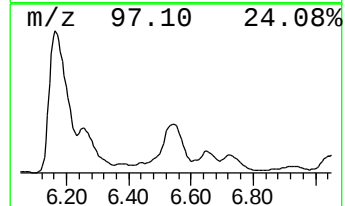
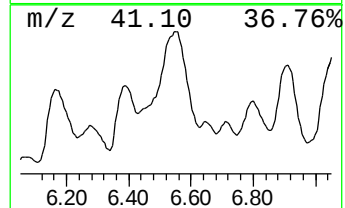
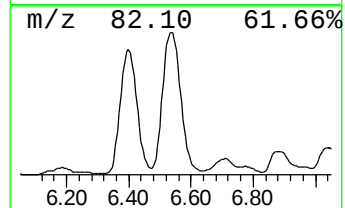
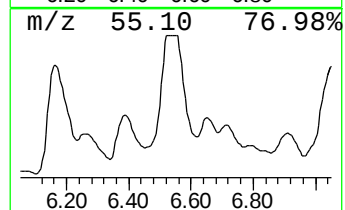
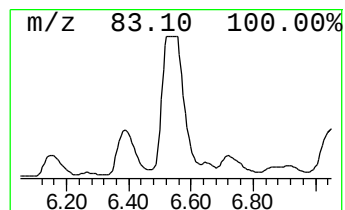
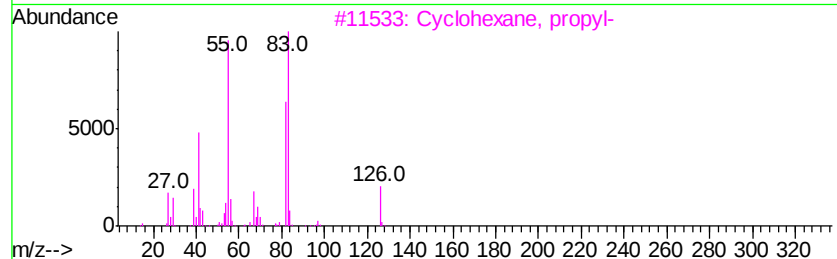
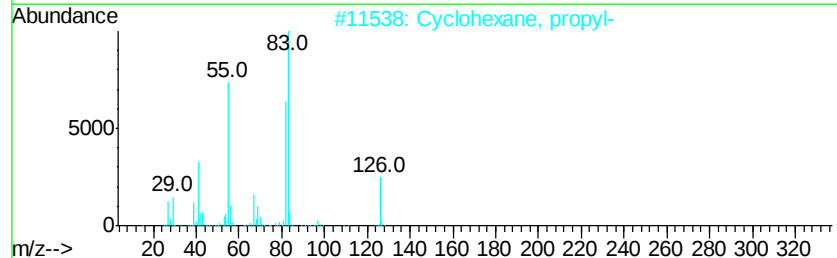
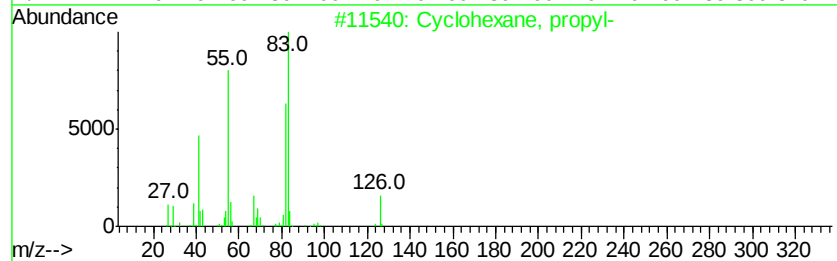
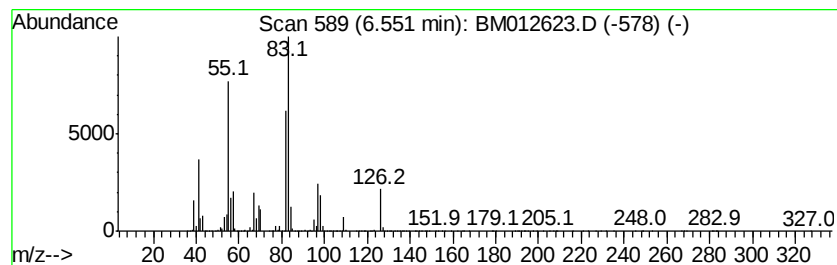
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic6.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	59.12 ng/ul	291351000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	81
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
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Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

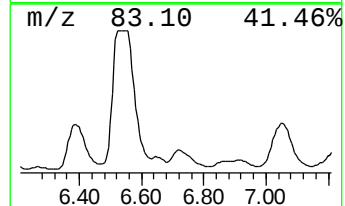
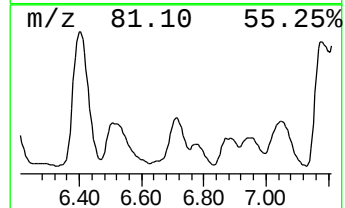
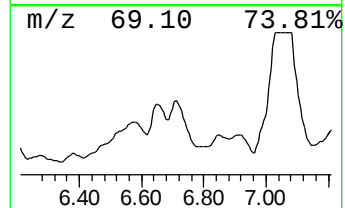
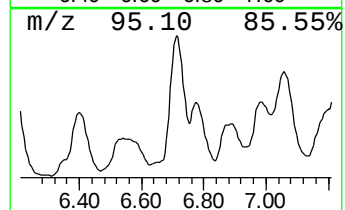
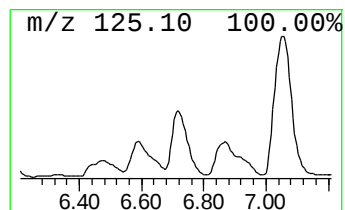
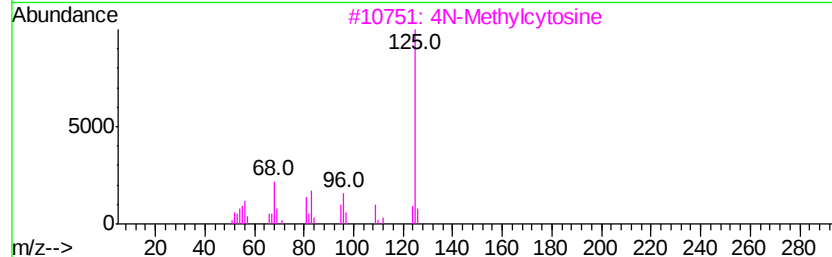
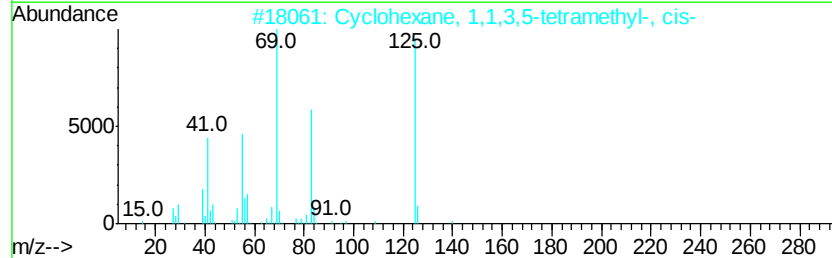
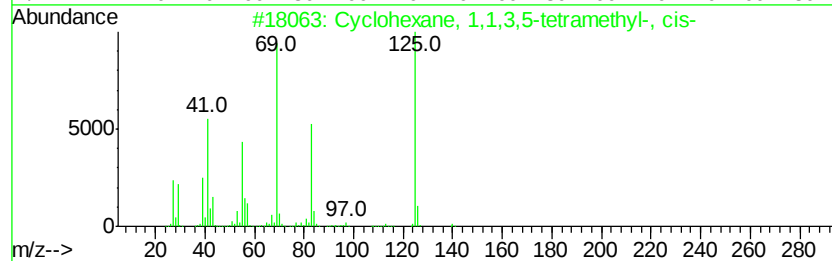
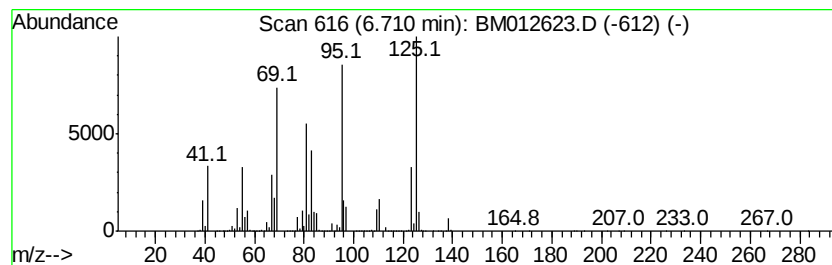
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic6.71 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	5.38 ng/ul	26523700	1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
3			4N-Methylcytosine	125	C5H7N3O	006220-47-9	27
4			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	25
5			1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
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ClientSampleId :
B-35(2-3.8)-100417

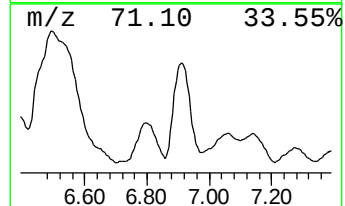
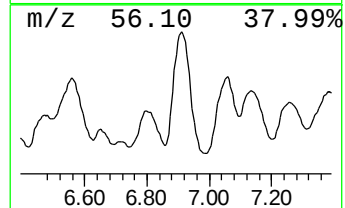
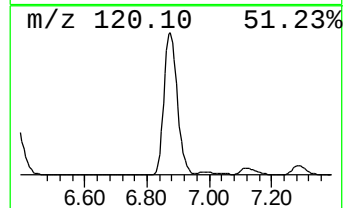
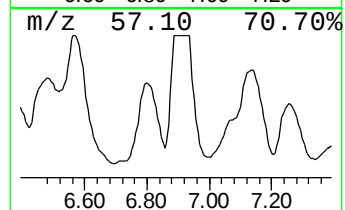
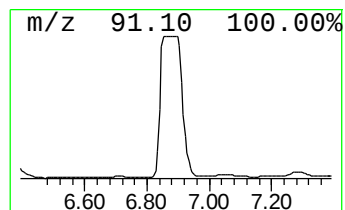
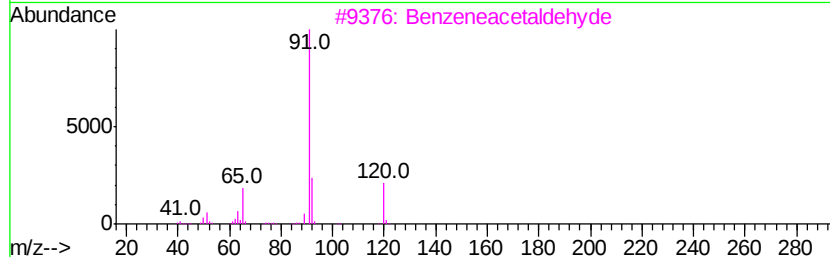
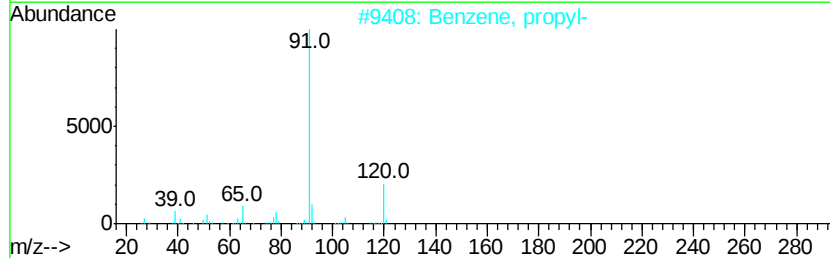
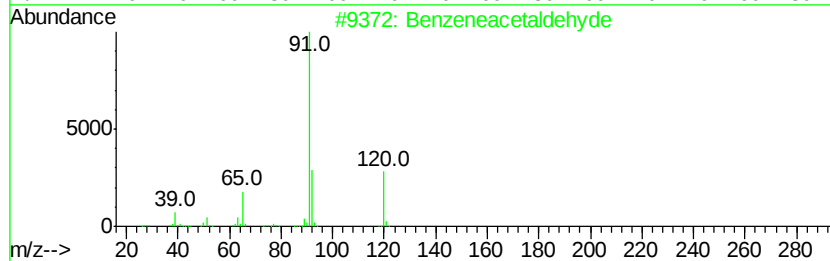
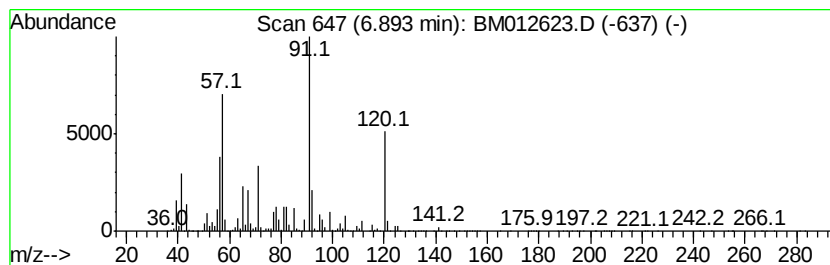
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Benzeneacetaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	52.32 ng/ul	257853000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	55
2		Benzene, propyl-	120	C9H12	000103-65-1	50
3		Benzeneacetaldehyde	120	C8H8O	000122-78-1	49
4		Benzeneacetaldehyde	120	C8H8O	000122-78-1	46
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

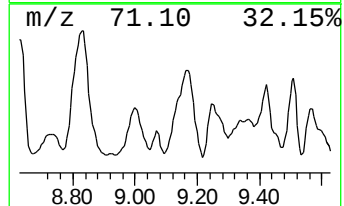
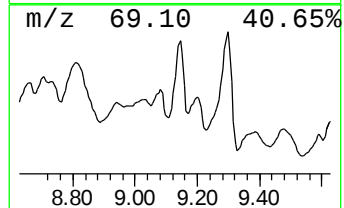
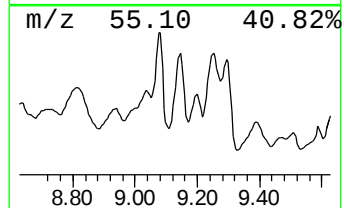
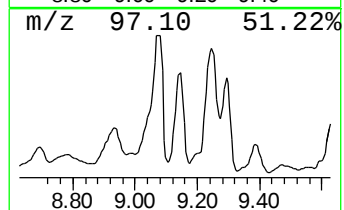
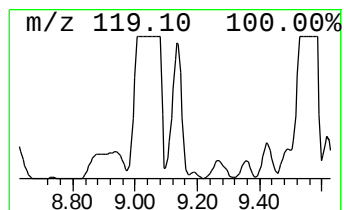
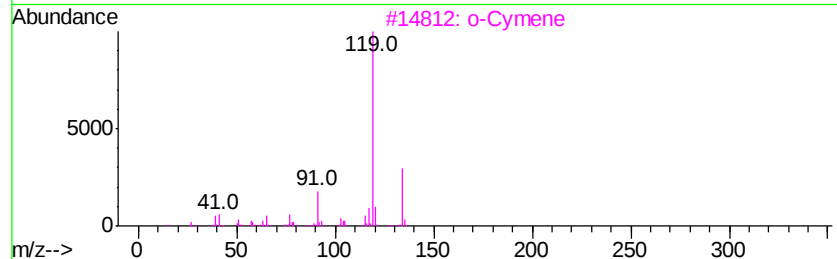
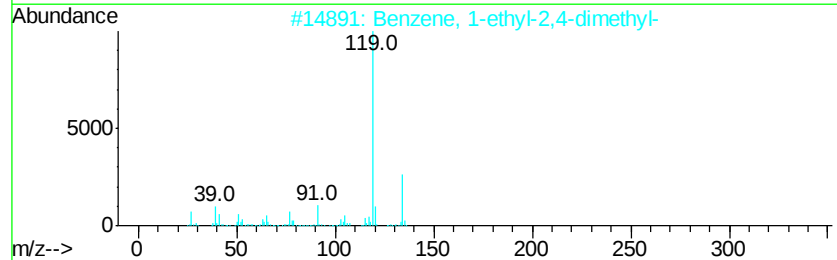
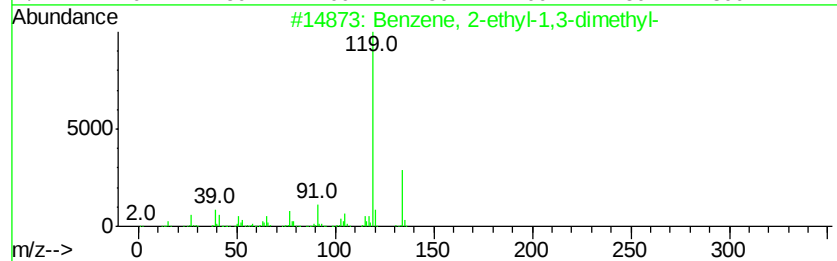
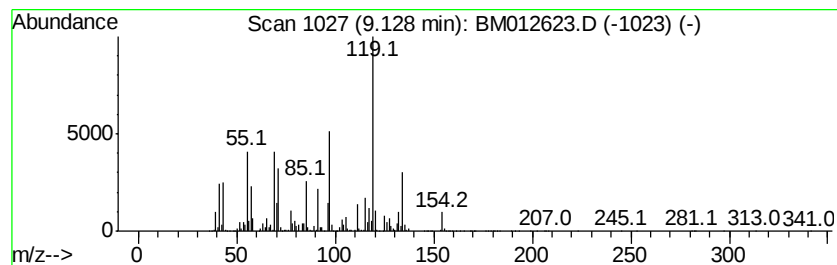
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	27.68 ng/ul	136405000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
3		o-Cymene	134	C10H14	000527-84-4	83
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
B-35(2-3.8)-100417

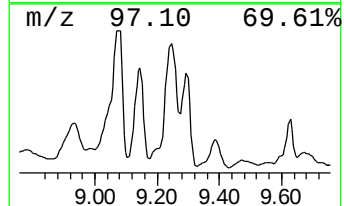
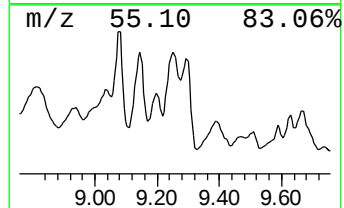
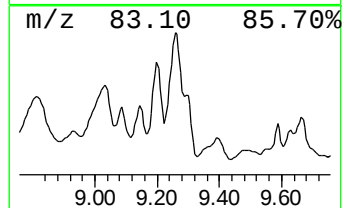
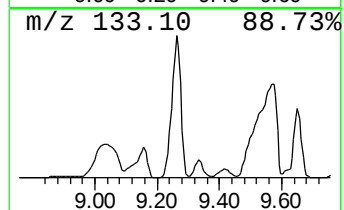
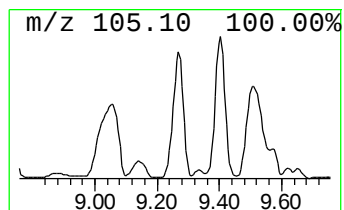
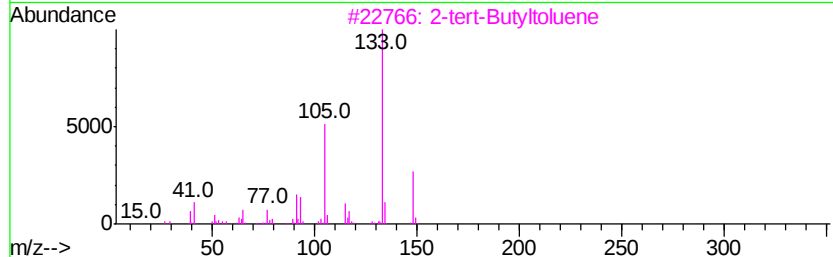
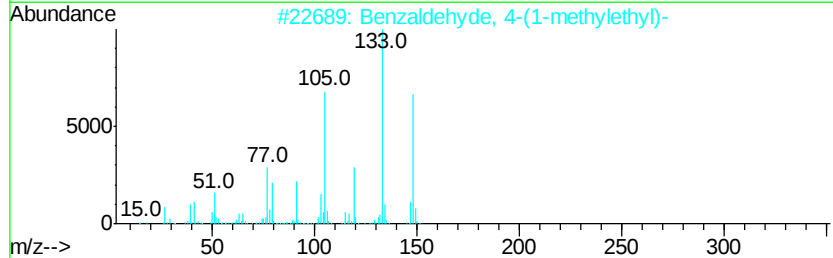
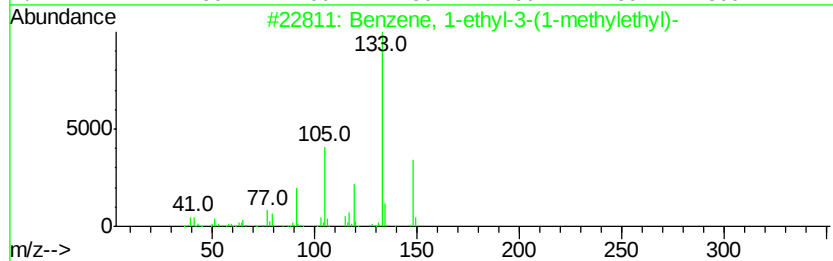
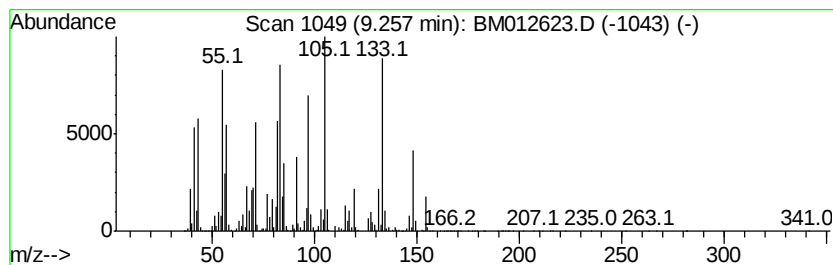
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	44.87 ng/ul	221127000	1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	81
2		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	42
3		2-tert-Butyltoluene	148	C11H16	001074-92-6	38
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	38
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

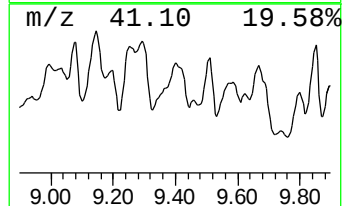
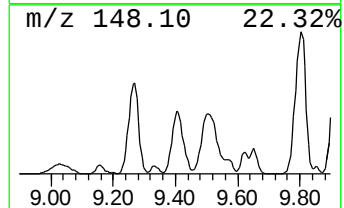
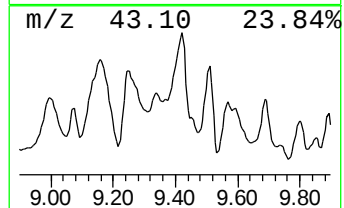
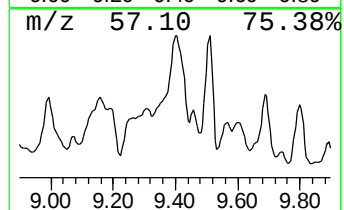
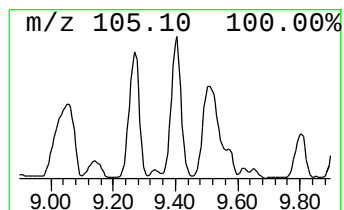
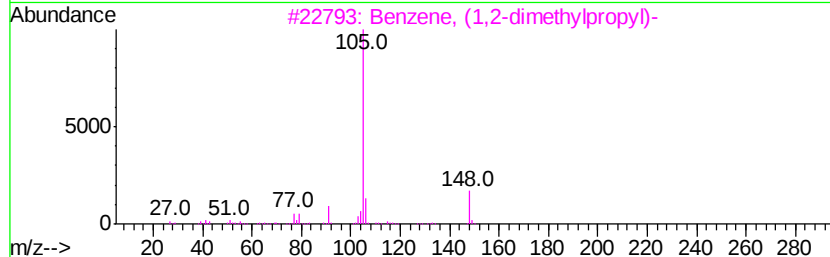
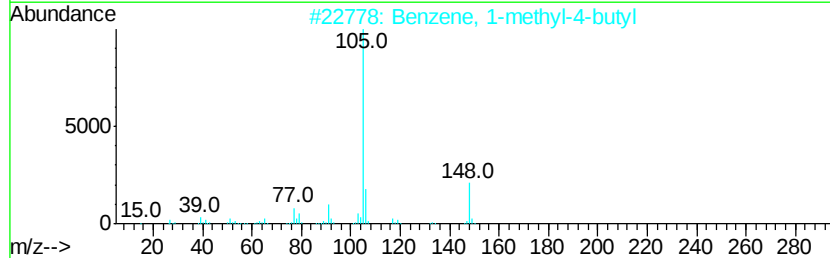
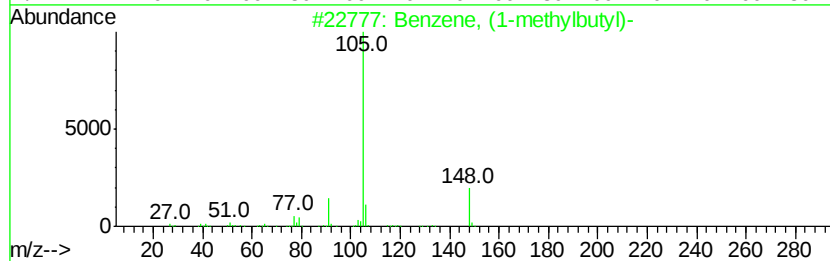
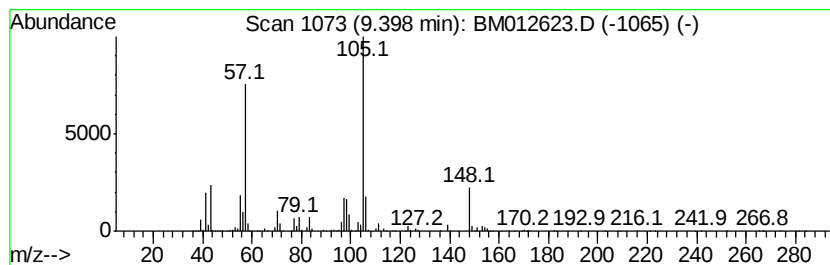
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	33.34 ng/ul	108025000	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	45
2		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43
3		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38
4		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	35
5		Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

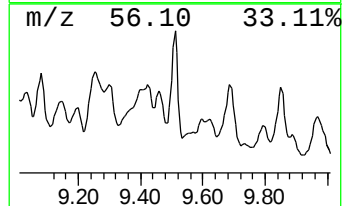
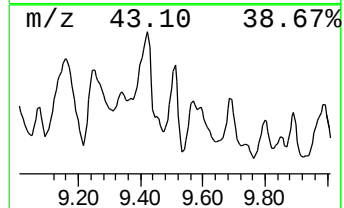
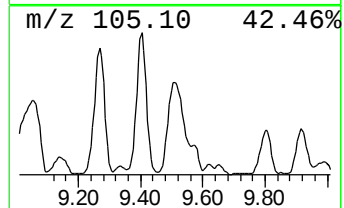
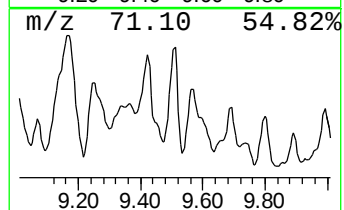
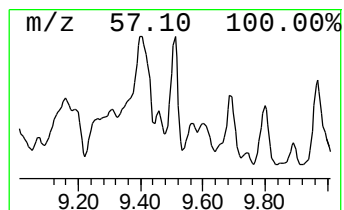
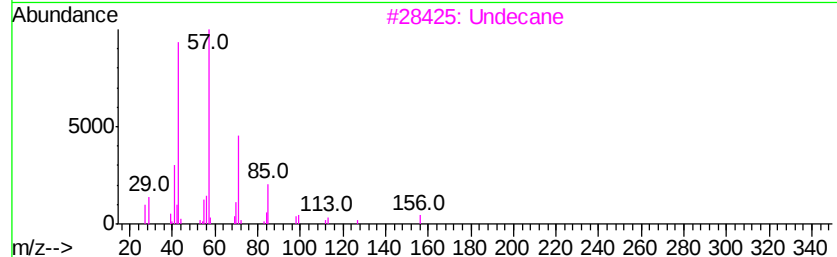
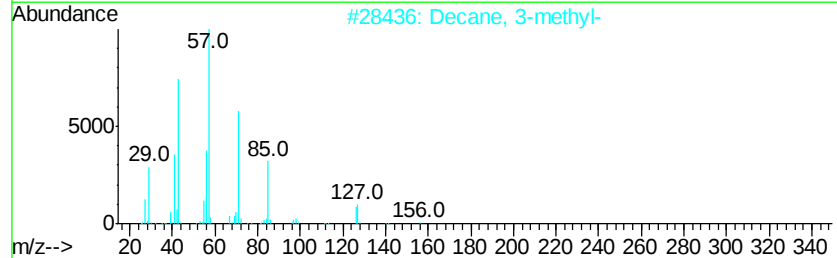
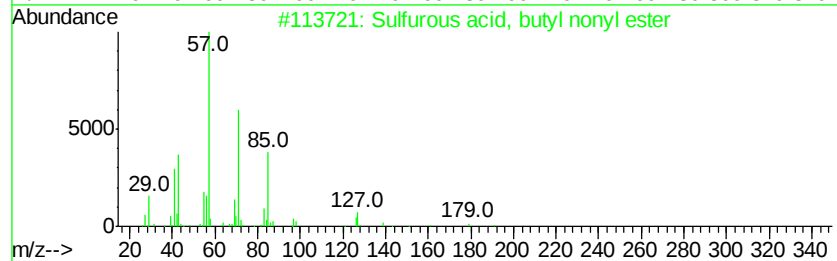
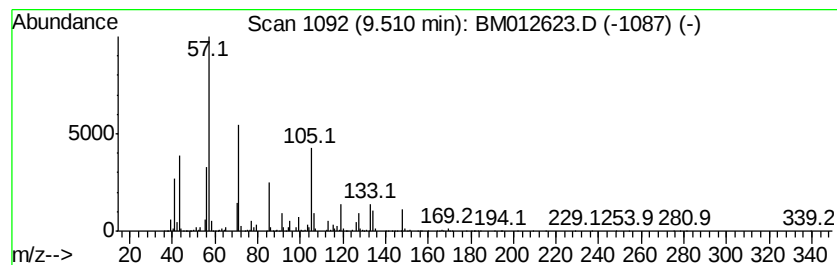
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	15.72 ng/ul	50933700	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47
2		Decane, 3-methyl-	156	C11H24	013151-34-3	46
3		Undecane	156	C11H24	001120-21-4	43
4		Undecane	156	C11H24	001120-21-4	43
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

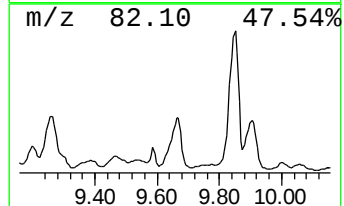
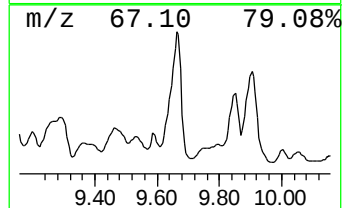
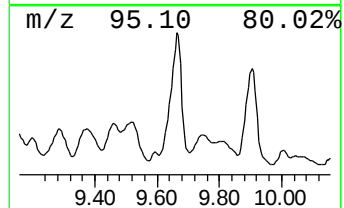
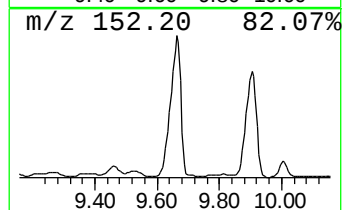
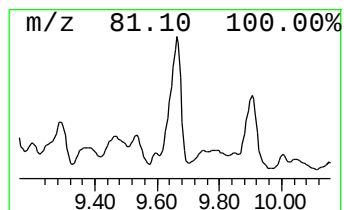
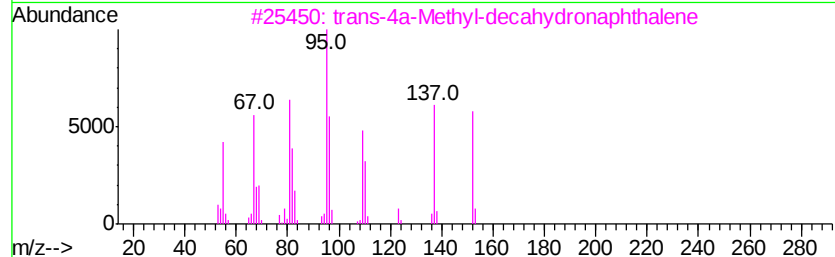
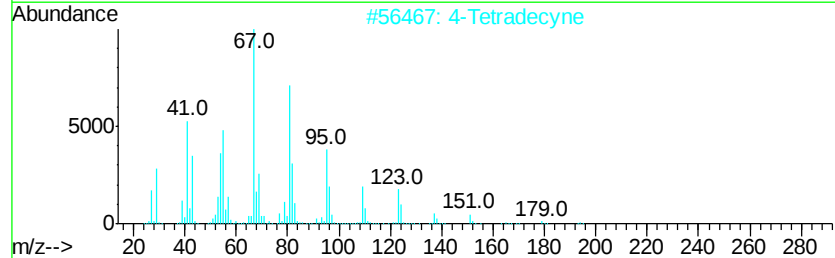
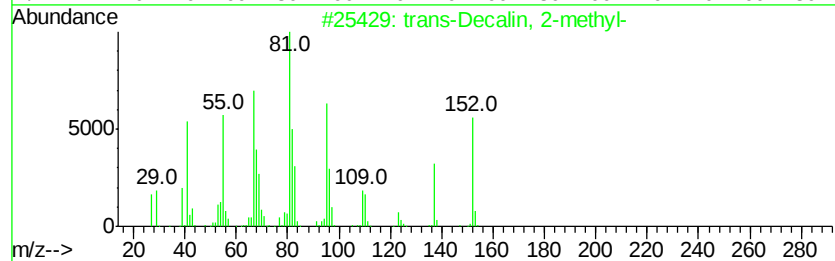
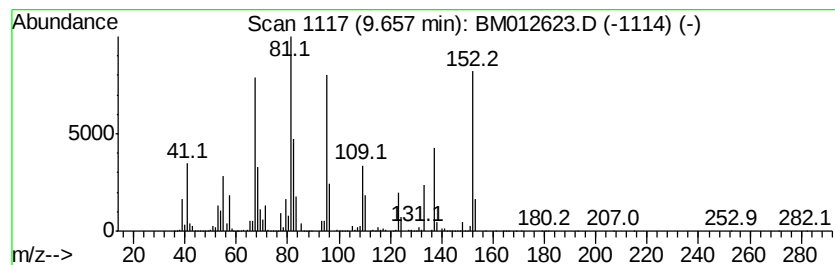
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	35.80 ng/ul	115997000	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2		4-Tetradecyne	194	C14H26	060212-33-1	70
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	62
4		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	60
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

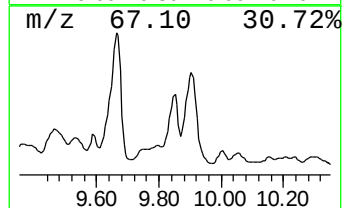
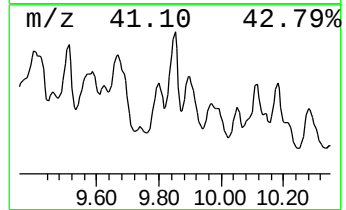
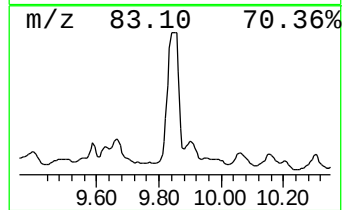
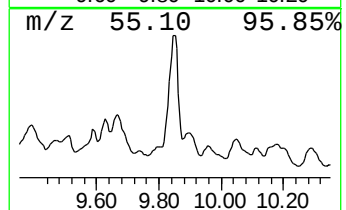
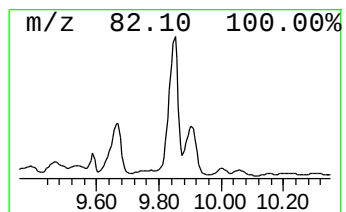
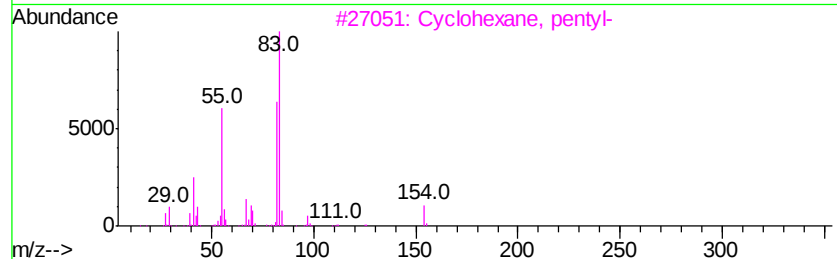
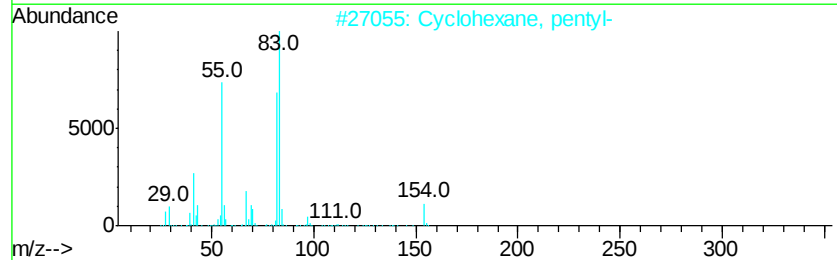
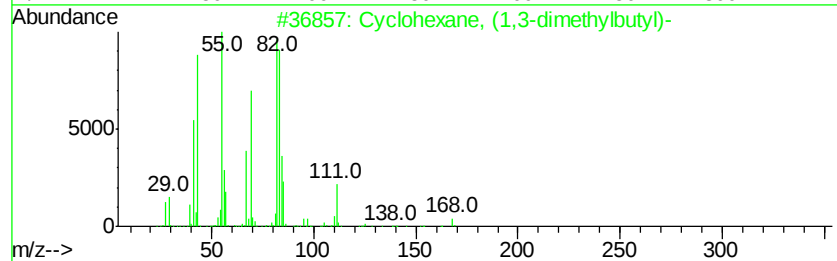
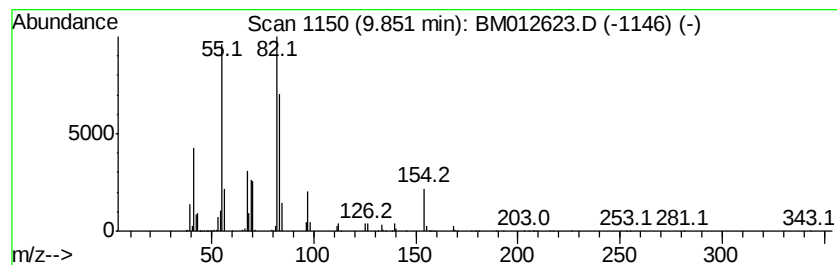
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic9.85 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	22.30 ng/ul	72260200	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	58
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
5		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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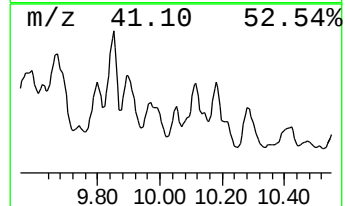
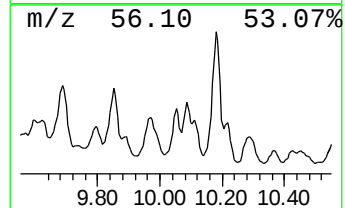
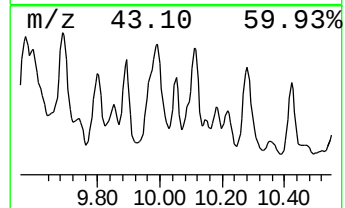
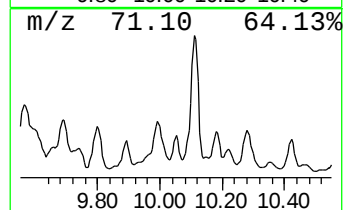
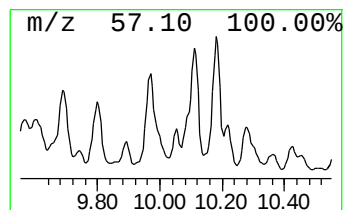
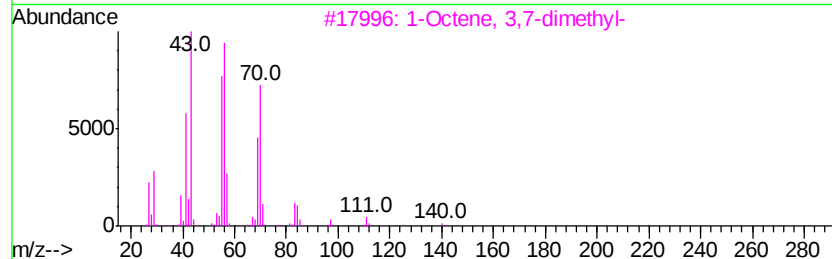
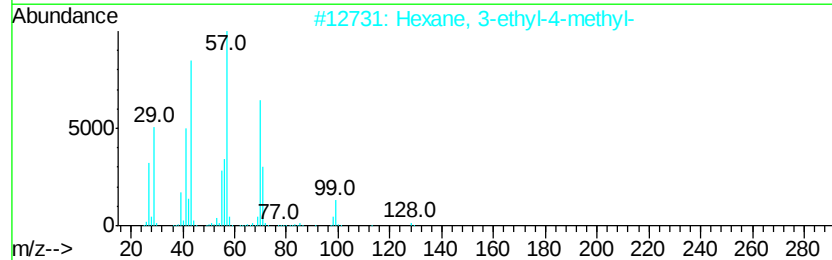
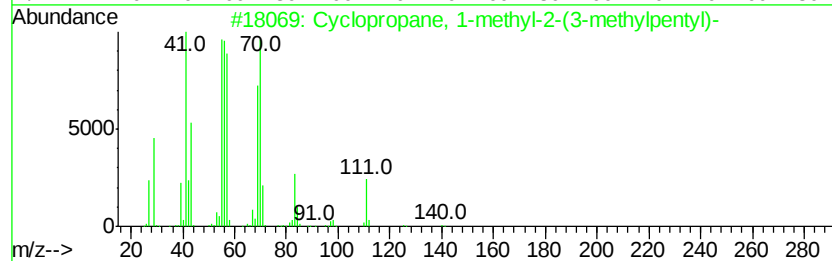
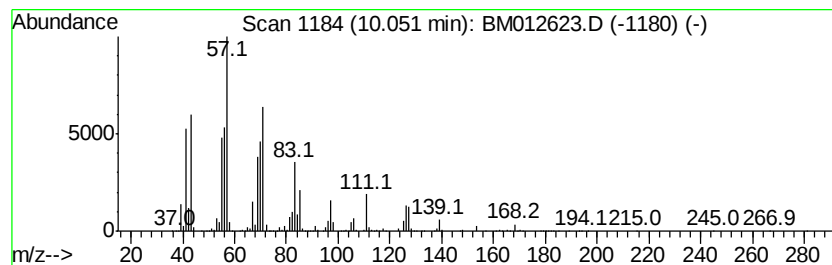
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic10.05 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	5.24 ng/ul	16965800	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	45
2		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38
3		1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	38
4		Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	35
5		1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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B-35(2-3.8)-100417

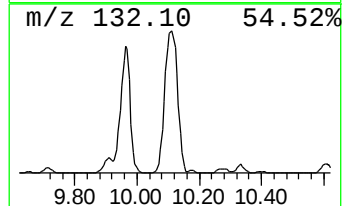
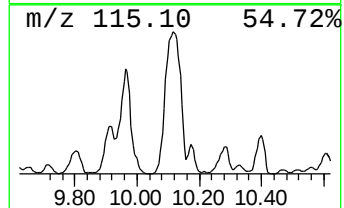
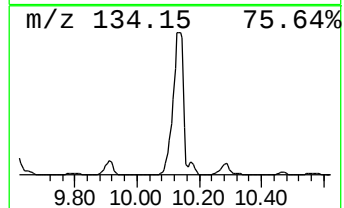
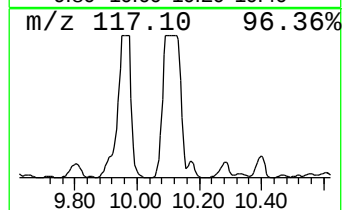
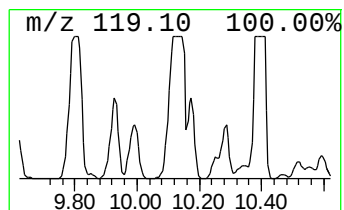
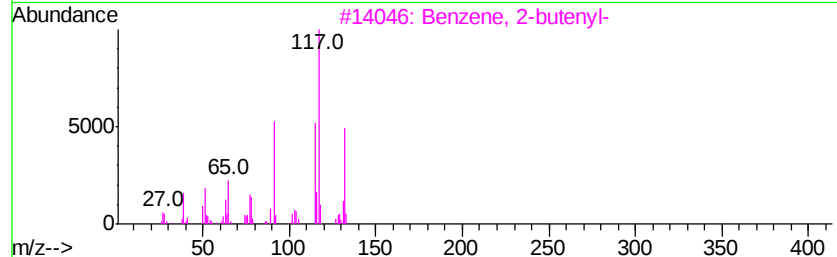
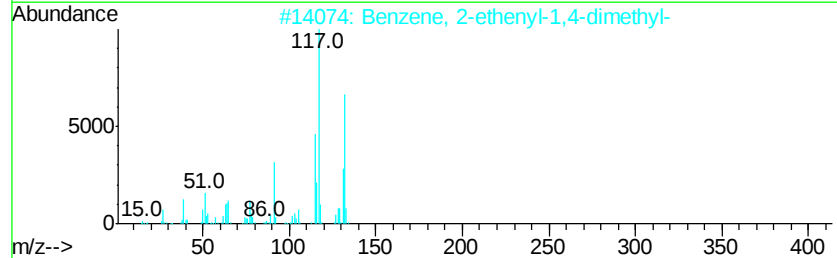
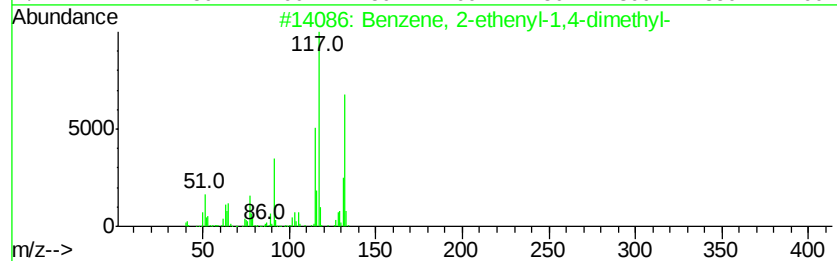
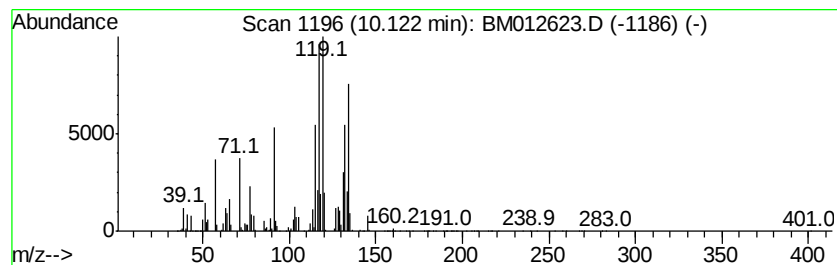
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	91.09 ng/ul	295121000	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4		2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
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Instrument :
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ClientSampleId :
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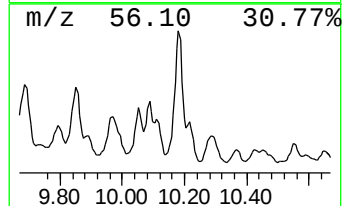
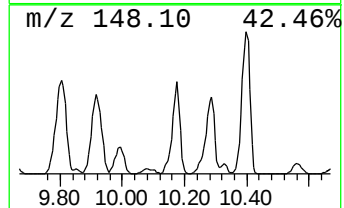
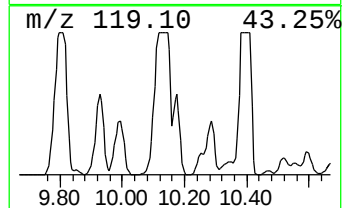
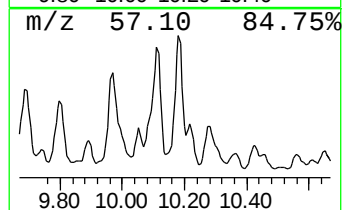
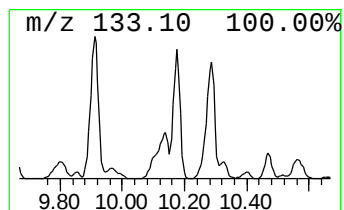
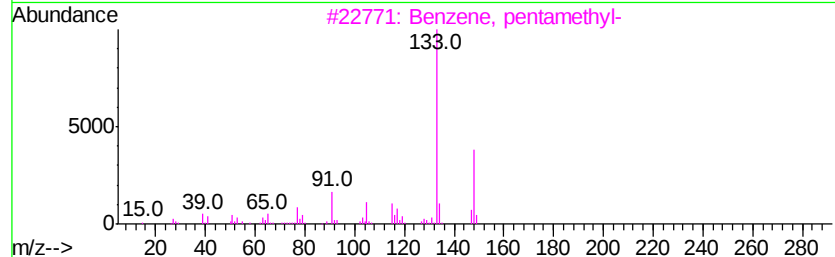
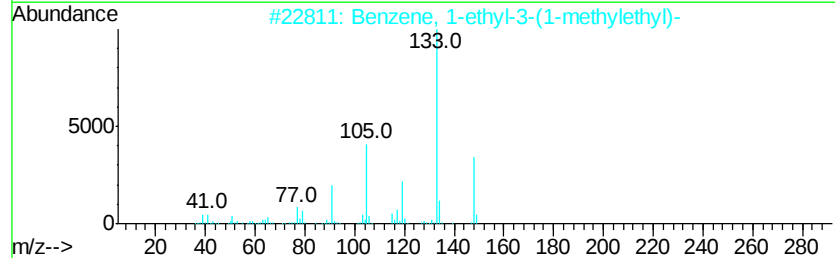
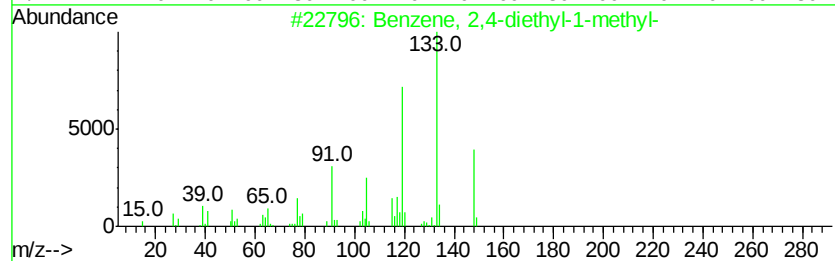
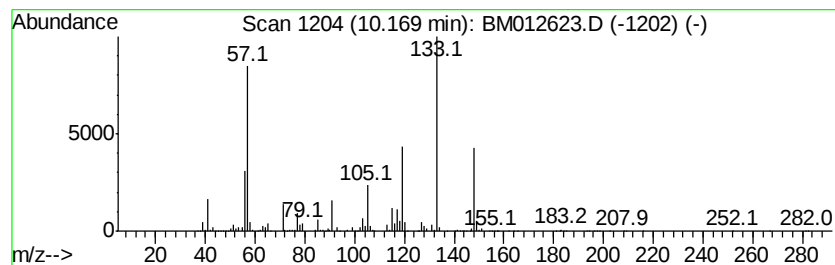
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	25.64 ng/ul	83070200	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
B-35(2-3.8)-100417

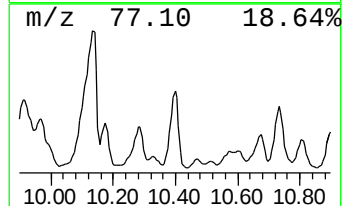
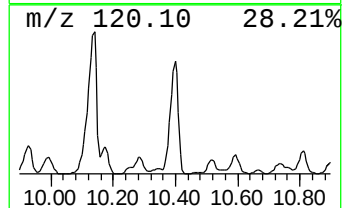
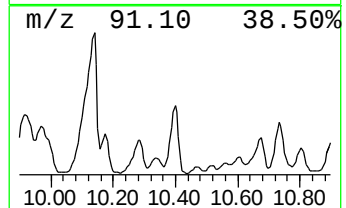
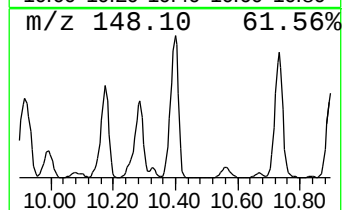
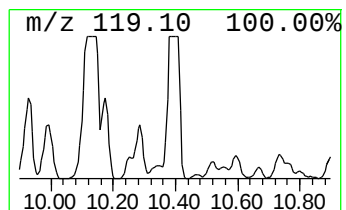
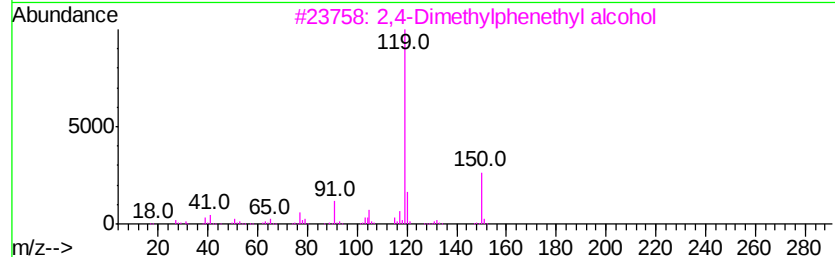
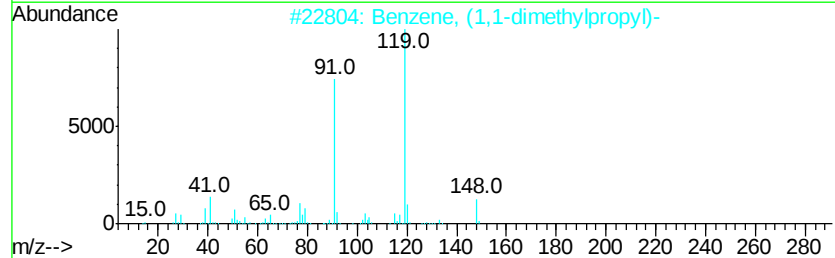
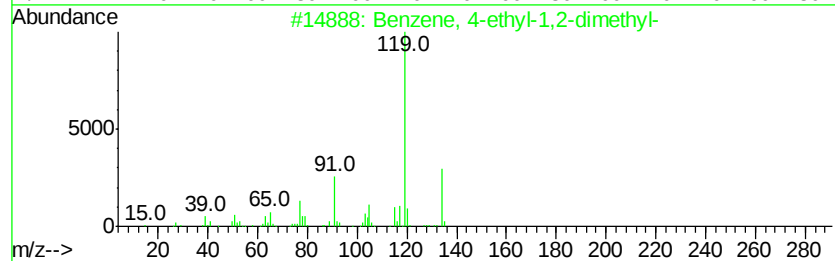
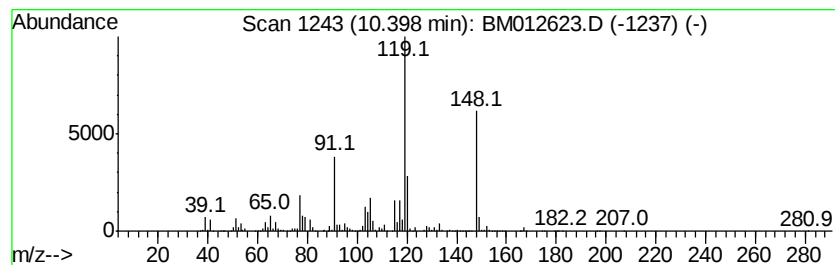
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	27.63 ng/ul	89502600	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3		2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	52
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

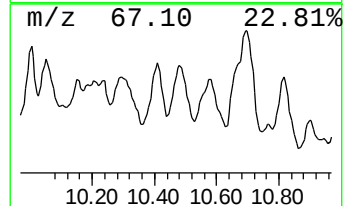
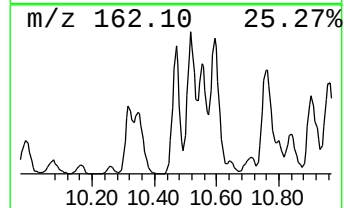
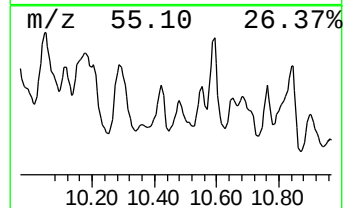
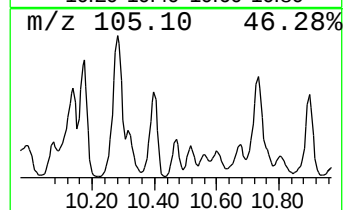
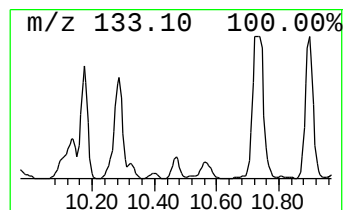
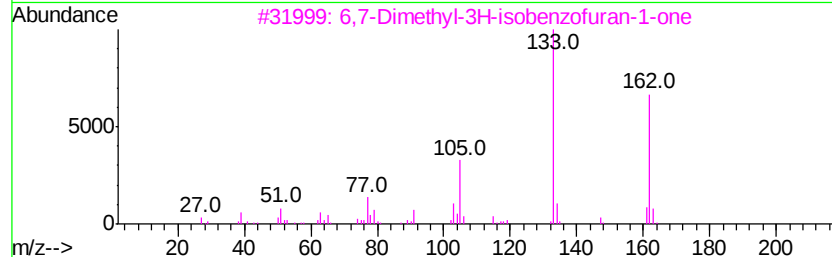
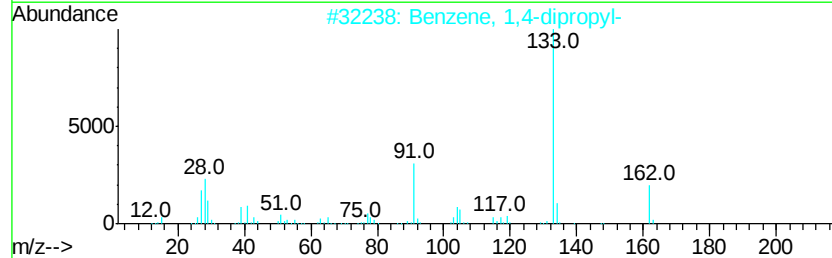
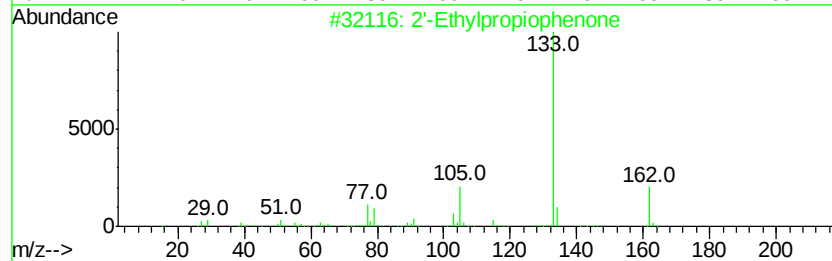
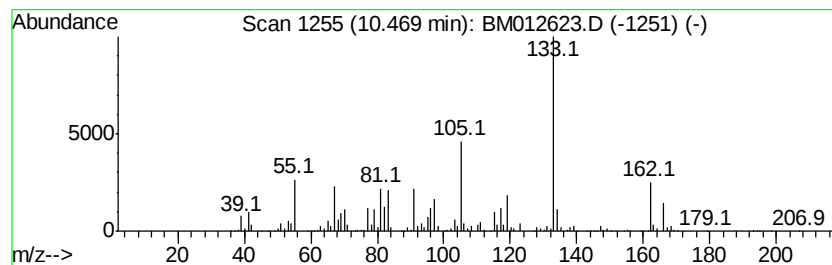
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ClientSampleId :
B-35(2-3.8)-100417

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 2'-Ethylpropiofenone Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.95 ng/ul	12793100	Napthalene-d8	10.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2'-Ethylpropiofenone	162 C11H14O	016819-79-7 55
2		Benzene, 1,4-dipropyl-	162 C12H18	004815-57-0 49
3		6,7-Dimethyl-3H-isobenzofuran-1-one	162 C10H10O2	343852-50-6 46
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8 46
5		Benzene, 1-(1,1-dimethylethyl)-3...	148 C11H16	001075-38-3 45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

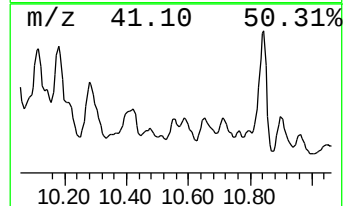
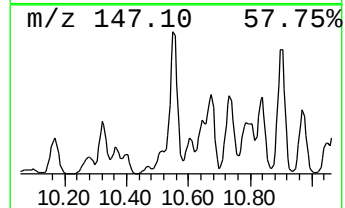
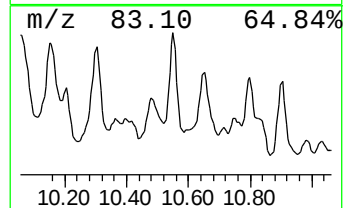
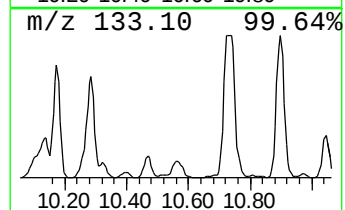
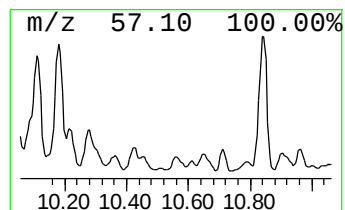
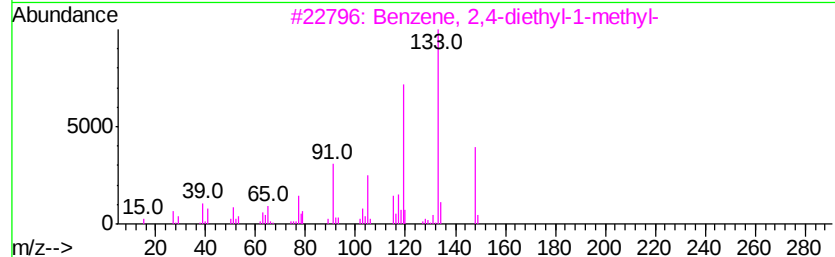
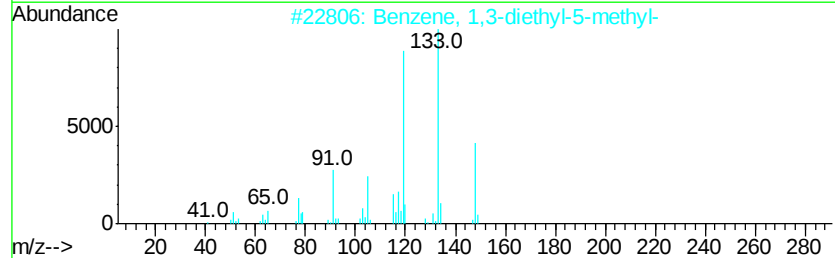
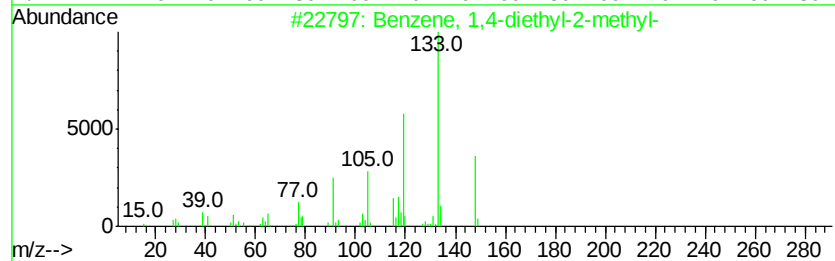
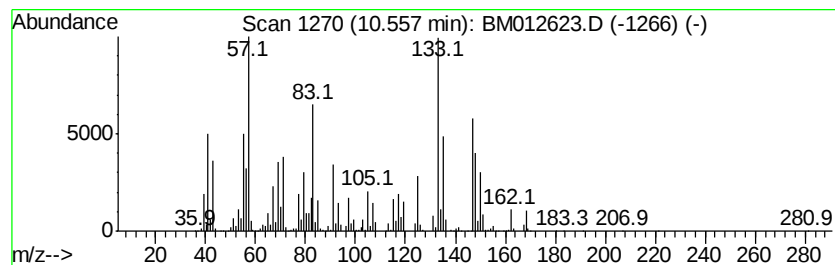
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-04 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.51 ng/ul	14622300	Naphthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	42
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	42
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	42
5			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

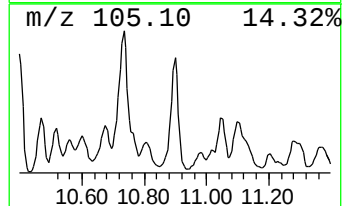
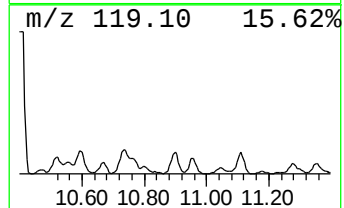
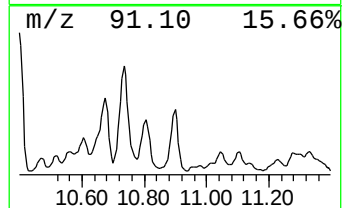
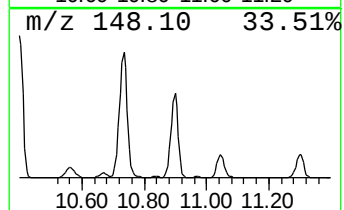
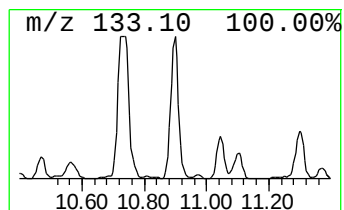
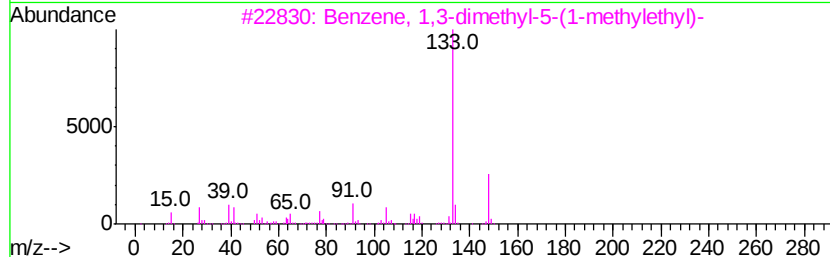
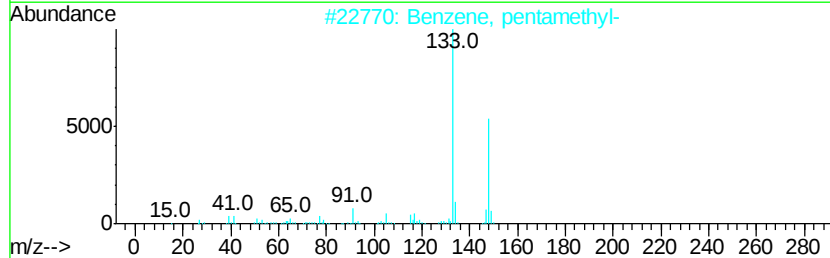
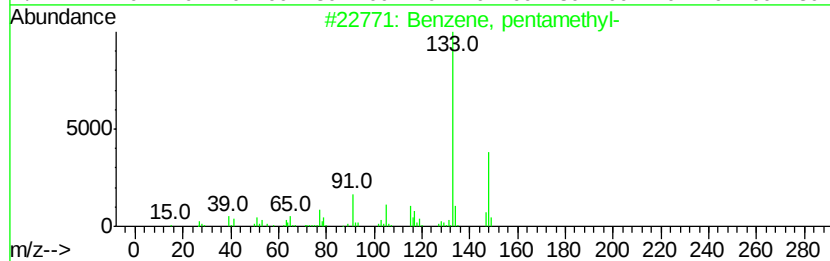
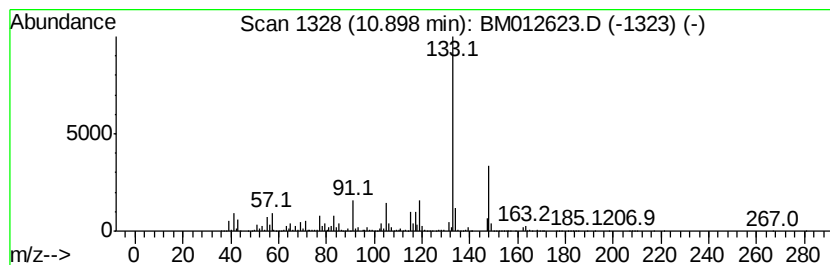
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, pentamethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	16.51 ng/ul	53491600	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	94
3		Benzene, 1,3-dimethyl-5-(1-methv...	148	C11H16	004706-90-5	91
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	91
5		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

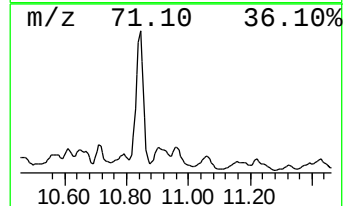
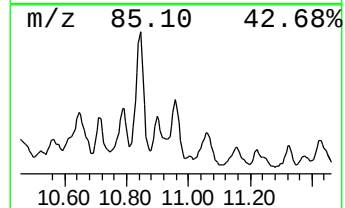
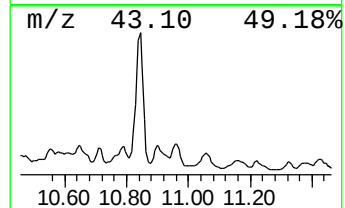
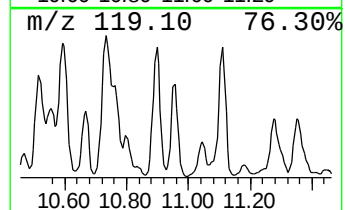
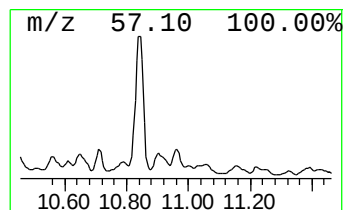
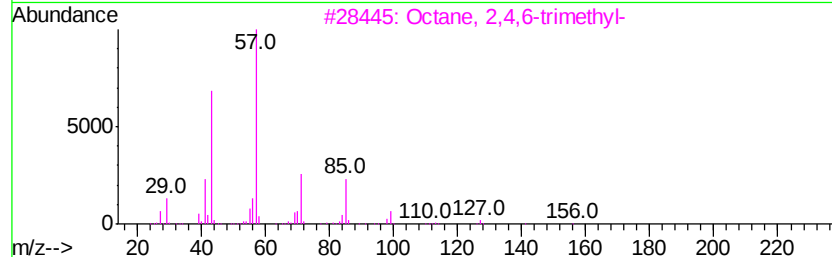
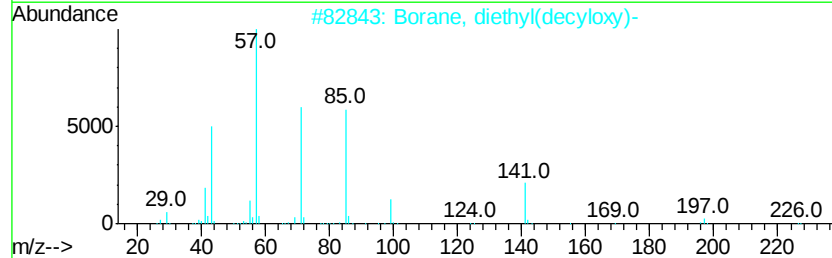
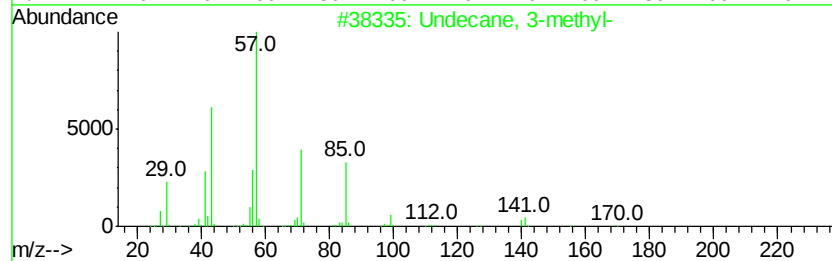
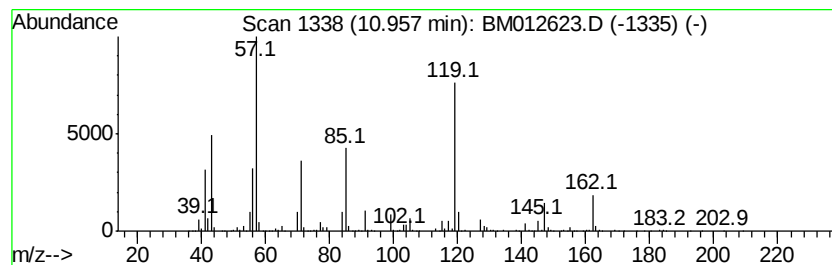
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	4.64 ng/ul	15041300	Napthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	27
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	27
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22
5			Tridecane	184	C13H28	000629-50-5	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

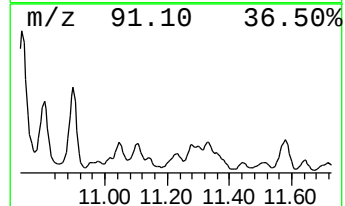
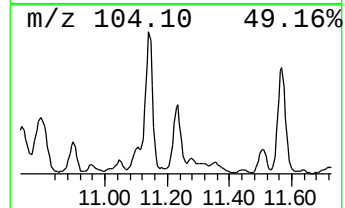
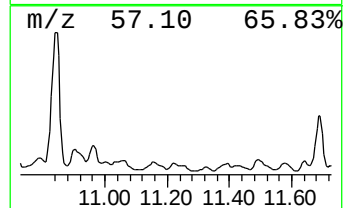
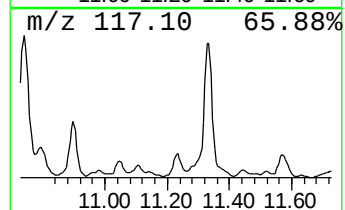
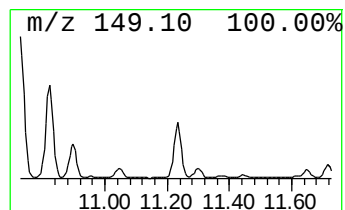
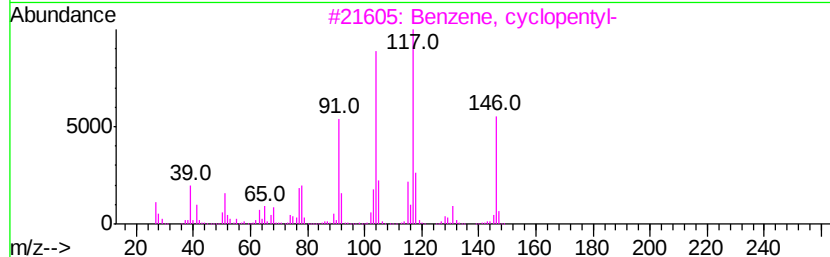
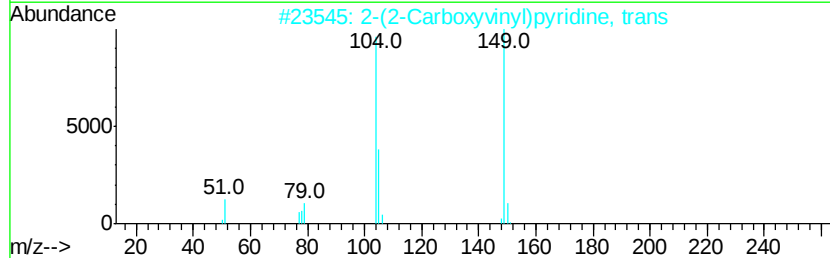
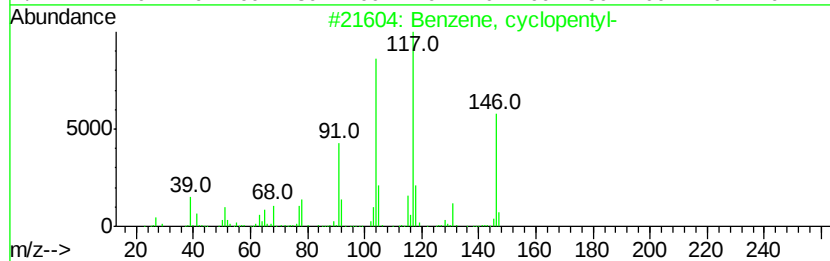
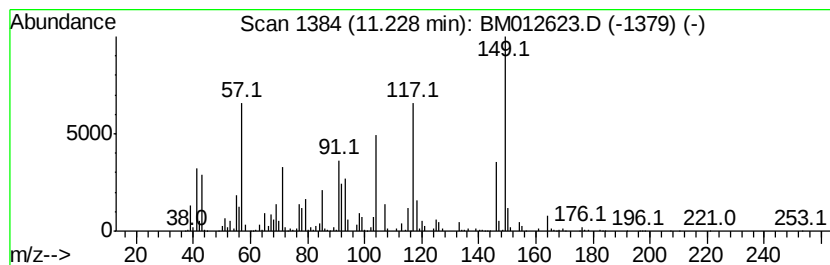
Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 unknown-05 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.56 ng/ul	8309450	Naphthalene-d8	10.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, cvclopentyl-	146 C11H14	000700-88-9 46
2		2-(2-Carboxyvinyl)pyridine, trans	149 C8H7NO2	007340-22-9 43
3		Benzene, cvclopentyl-	146 C11H14	000700-88-9 41
4		Benzene, cvclopentyl-	146 C11H14	000700-88-9 35
5		3-Phenyl-4-ethyl-1-bora-2-oxa-1-...	202 C13H19BO	1000062-26-2 27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

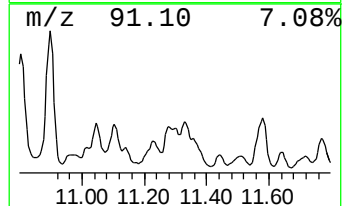
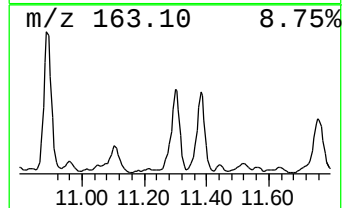
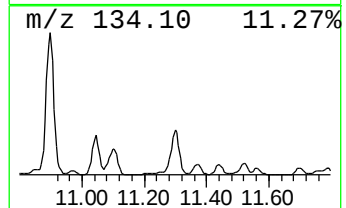
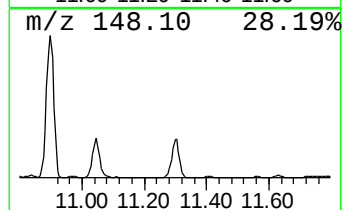
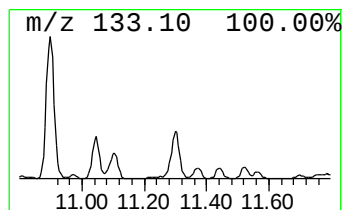
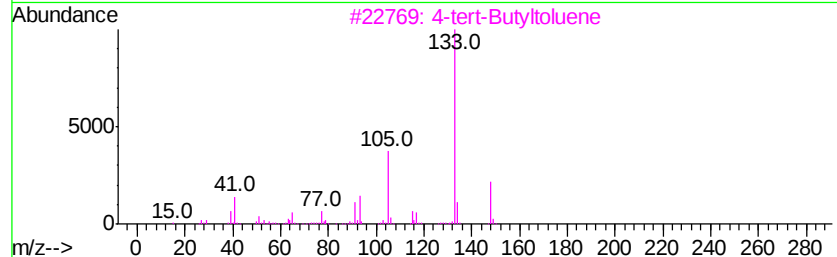
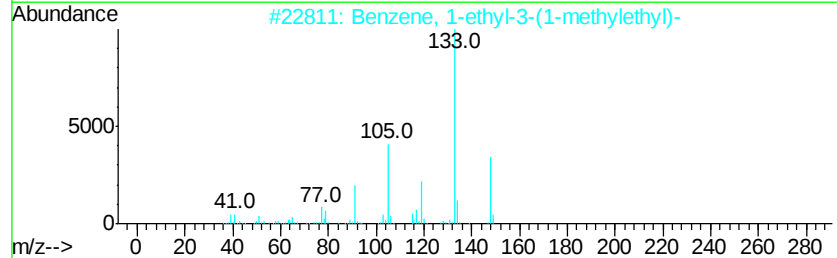
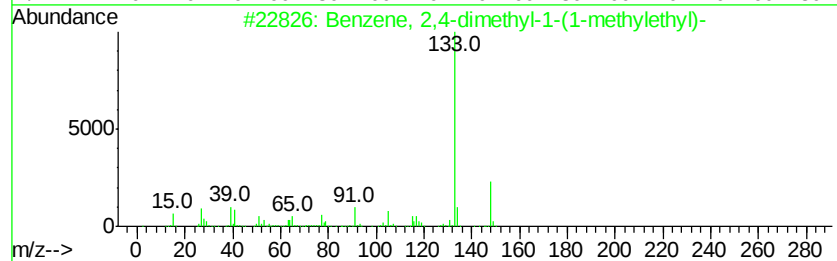
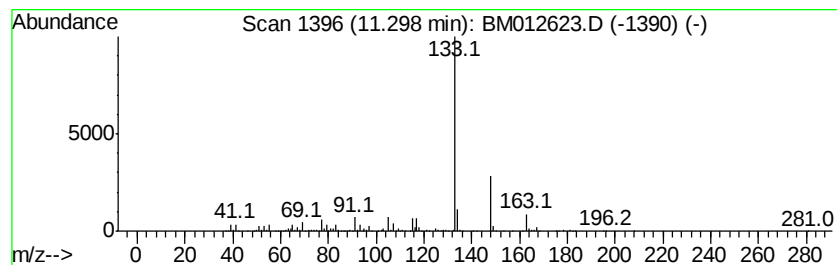
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.59 ng/ul	11622200	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	80
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	80
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

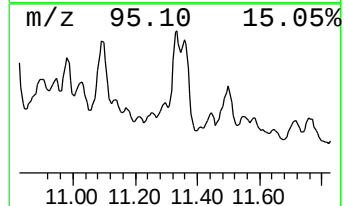
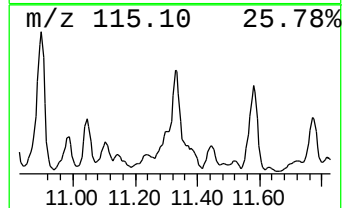
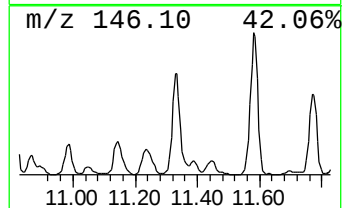
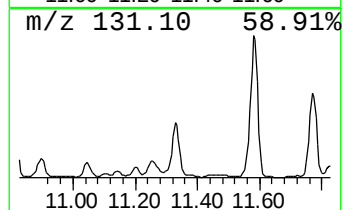
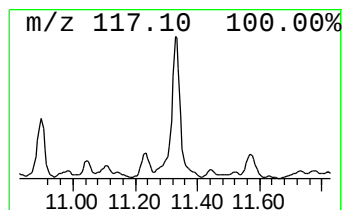
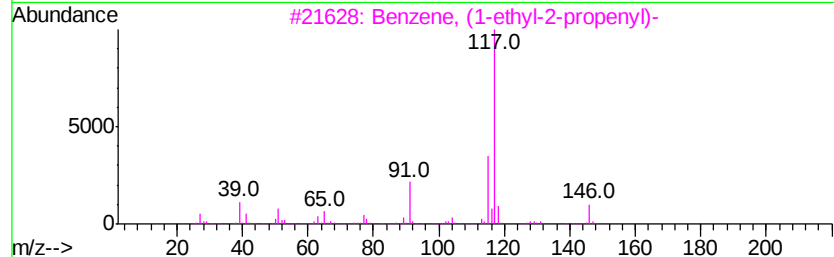
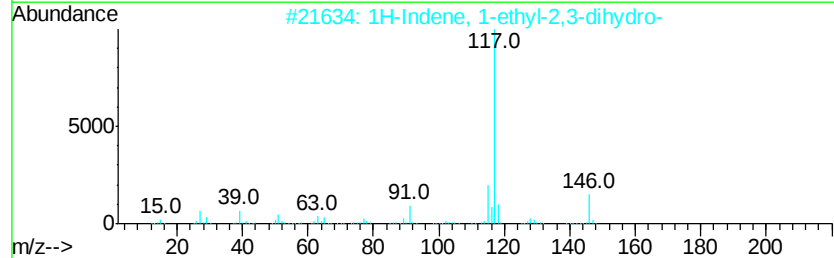
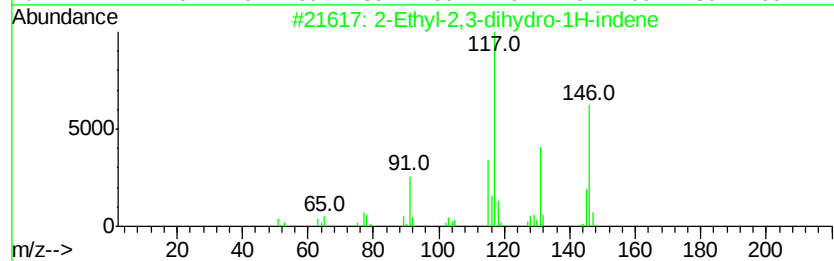
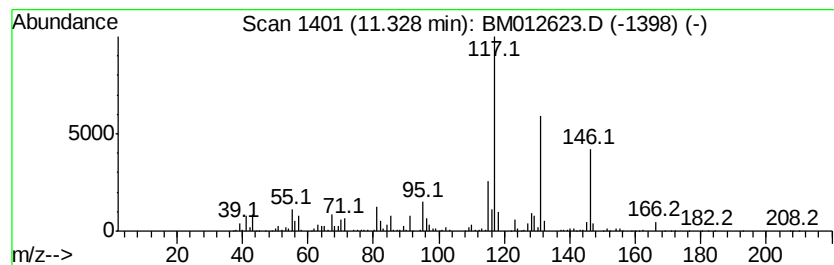
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.22 ng/ul	16928400	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	87
2		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
4		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	52
5		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	50



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Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

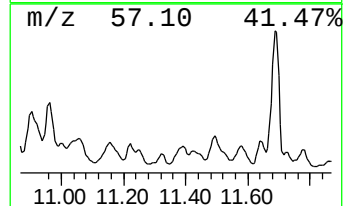
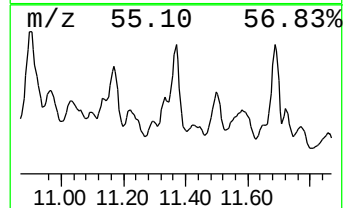
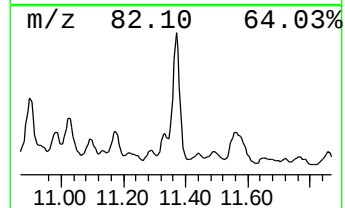
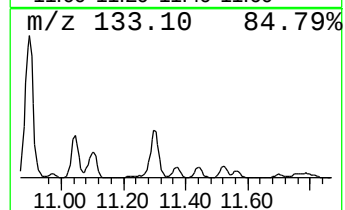
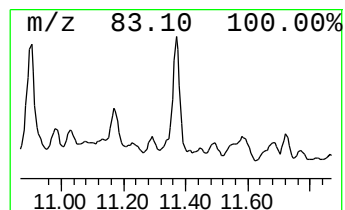
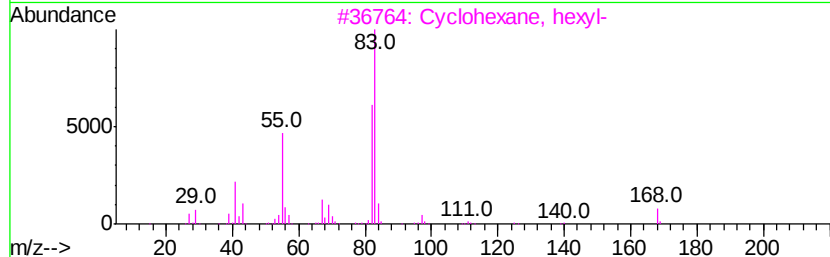
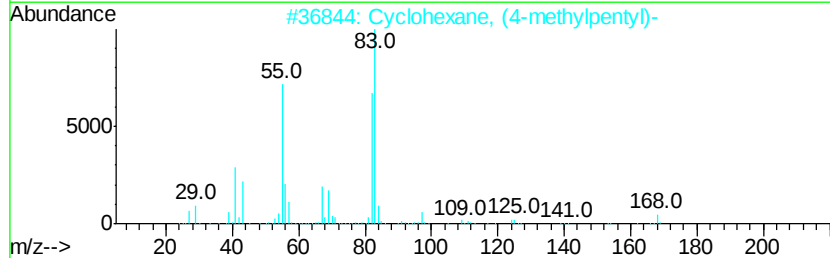
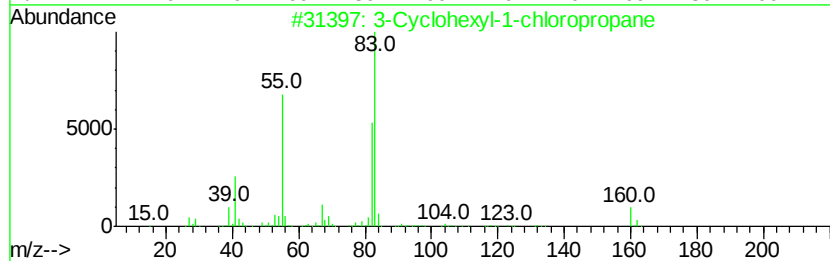
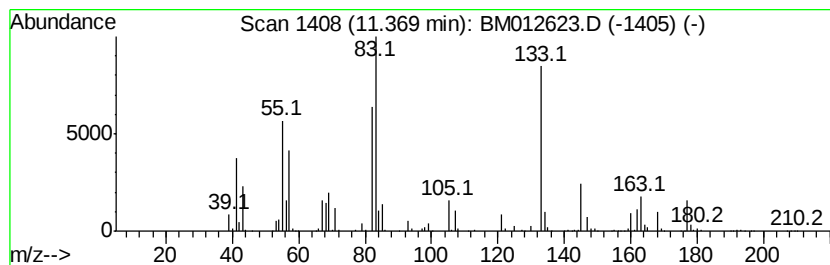
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 unknown-06 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	5.31 ng/ul	17216100	Napthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	27
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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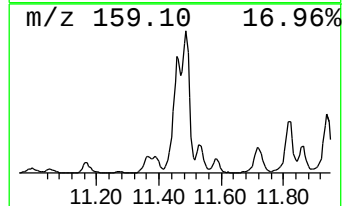
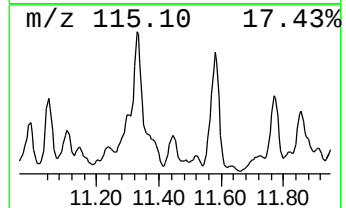
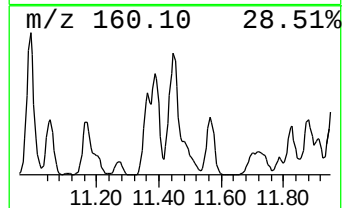
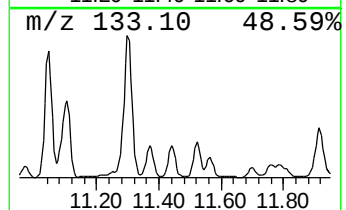
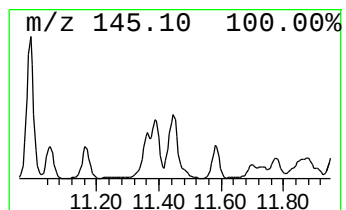
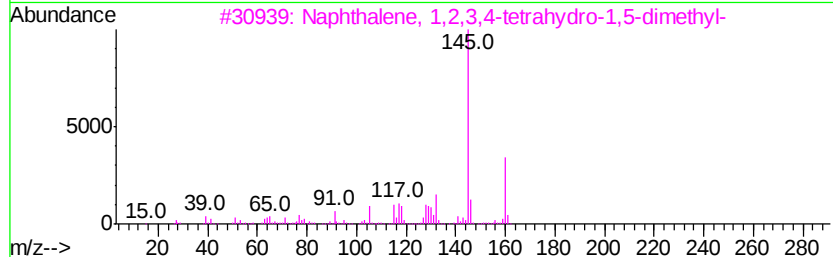
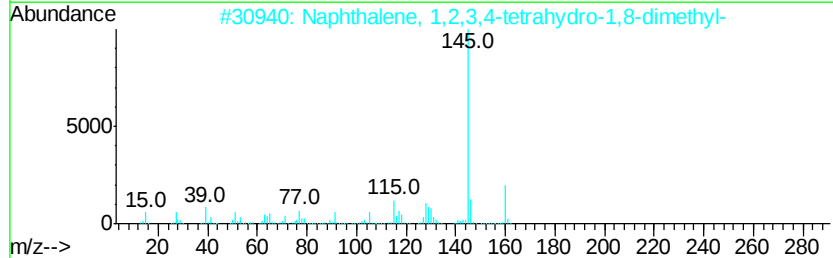
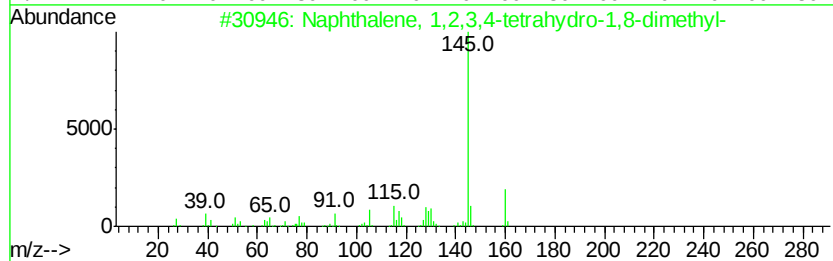
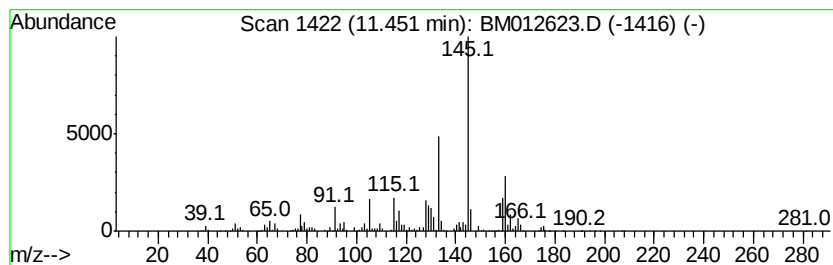
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.09 ng/ul	6781680	Naphthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
4		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	70
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Operator : SJ/JU
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B-35(2-3.8)-100417

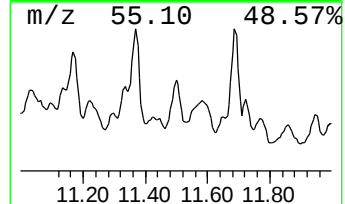
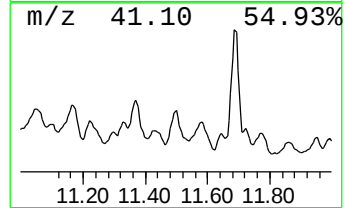
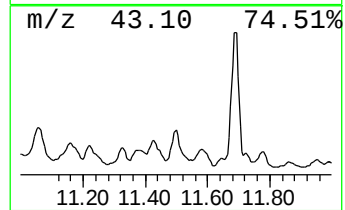
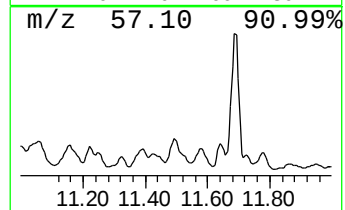
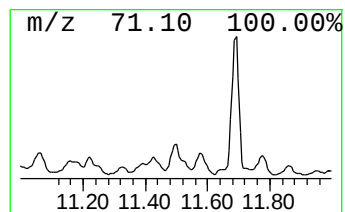
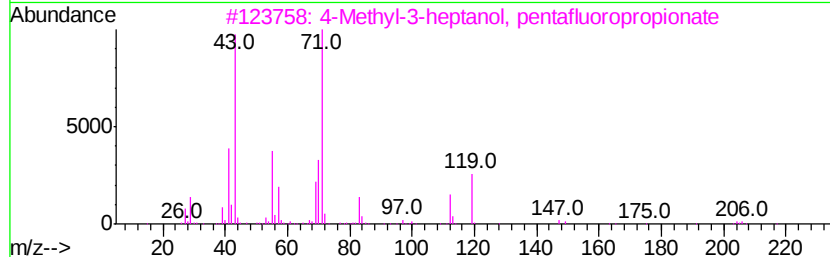
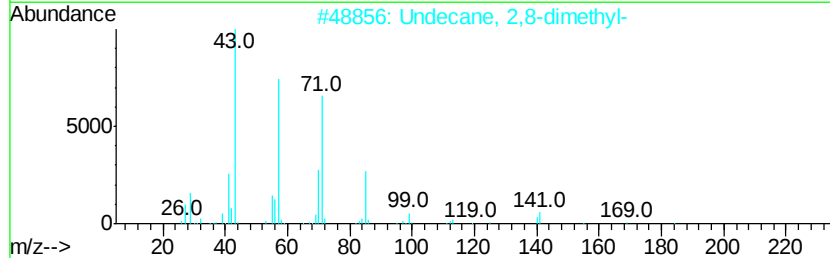
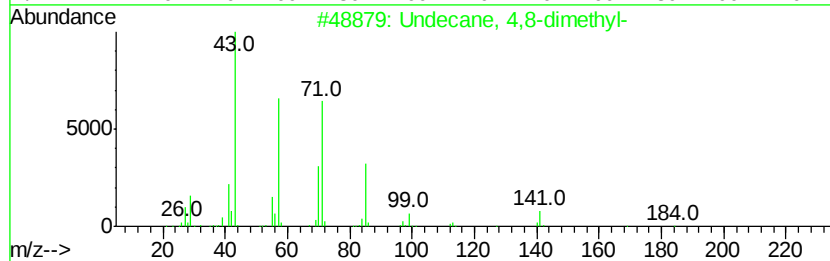
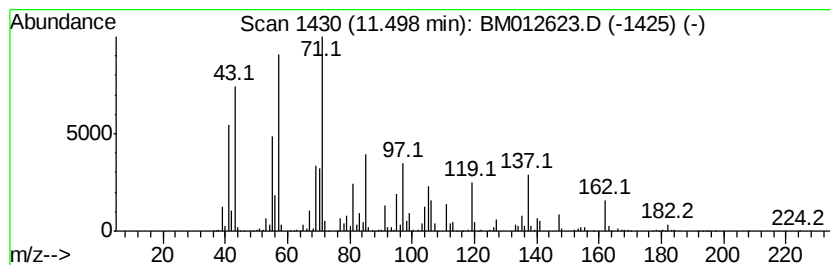
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	3.34 ng/ul	10817100	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	38
2		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	38
3		4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	27
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	25
5		Octacosane	394	C28H58	000630-02-4	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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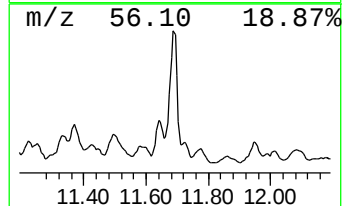
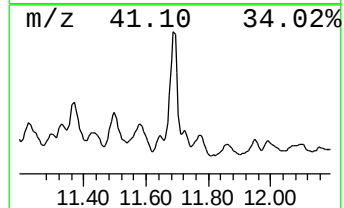
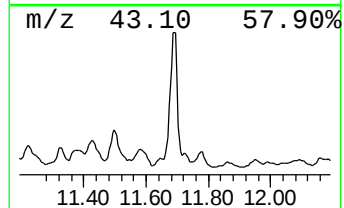
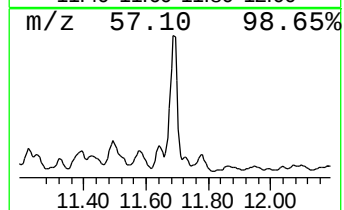
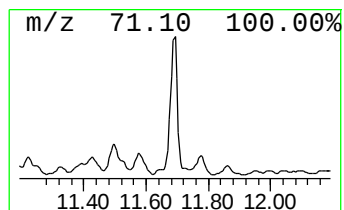
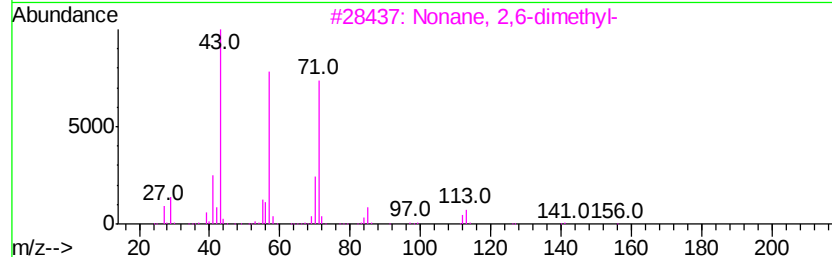
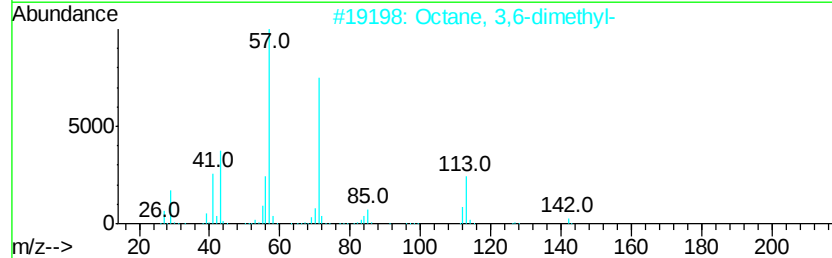
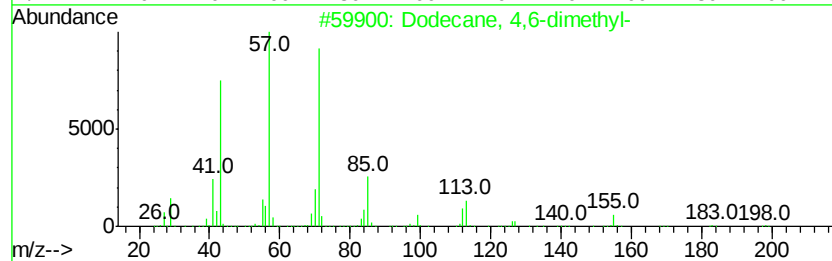
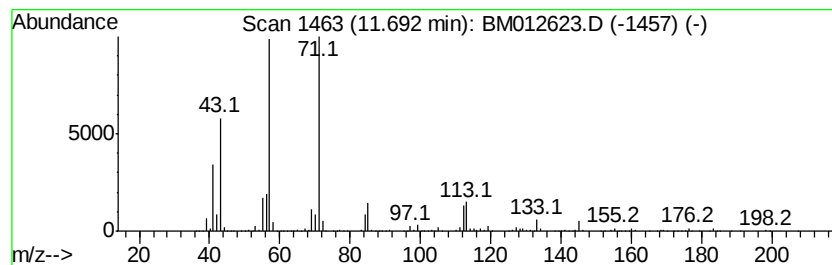
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	6.96 ng/ul	22536700	Napthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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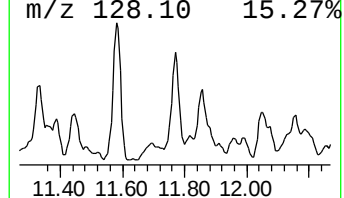
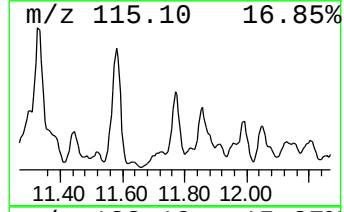
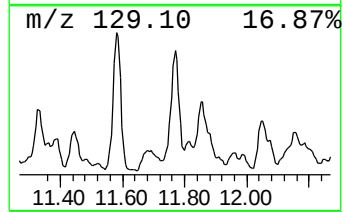
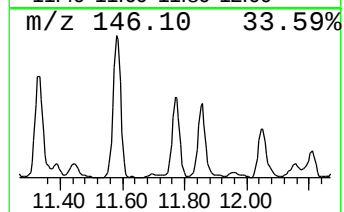
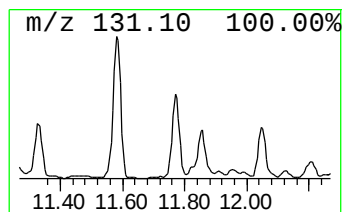
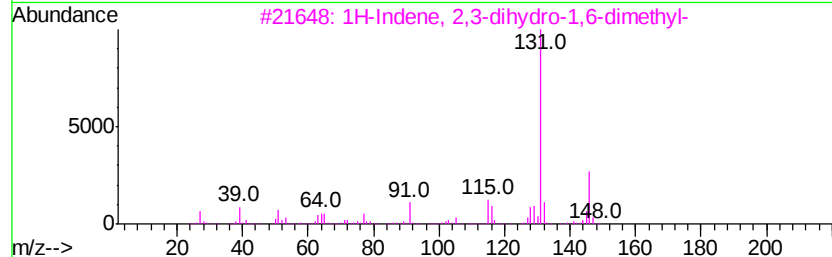
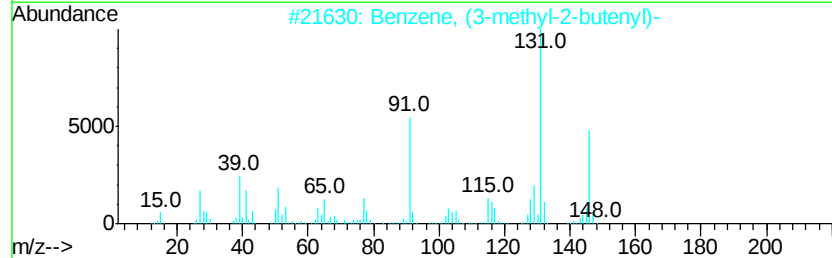
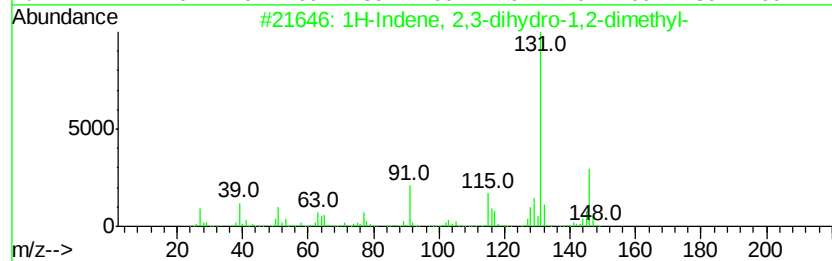
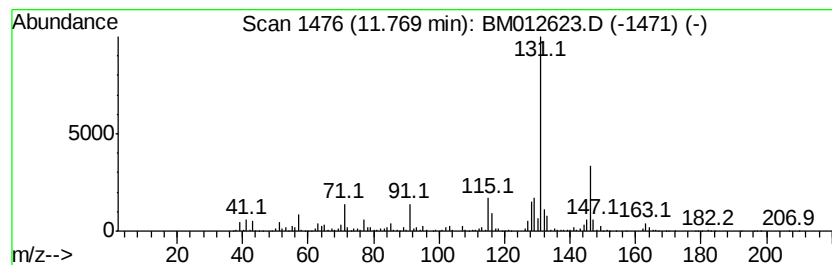
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.69 ng/ul	15198100	Naphthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
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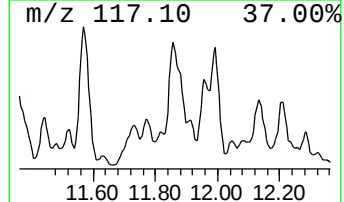
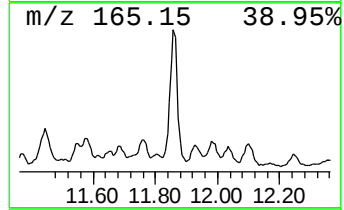
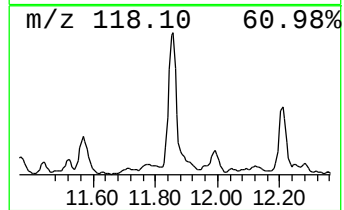
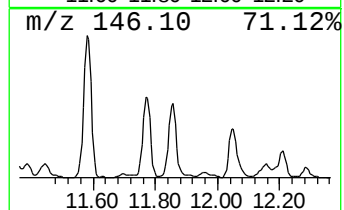
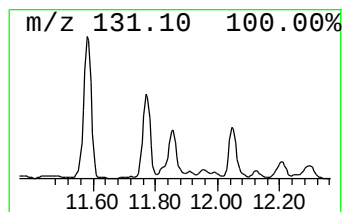
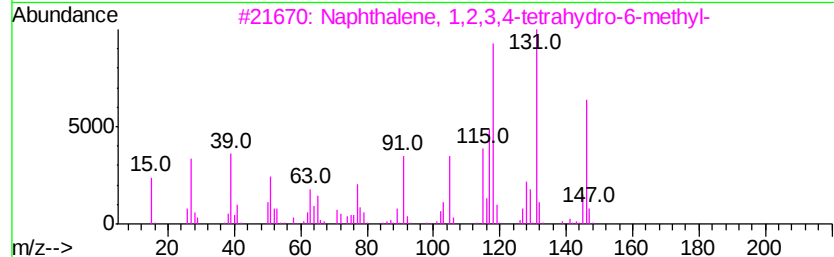
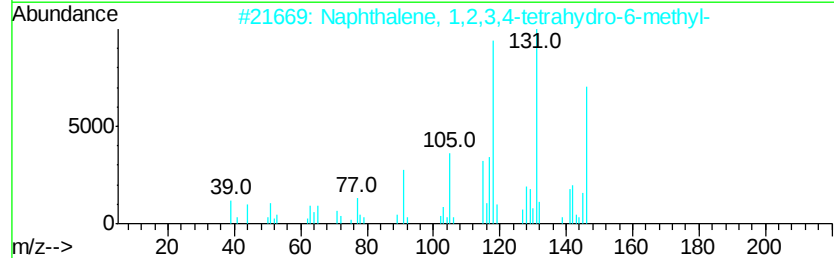
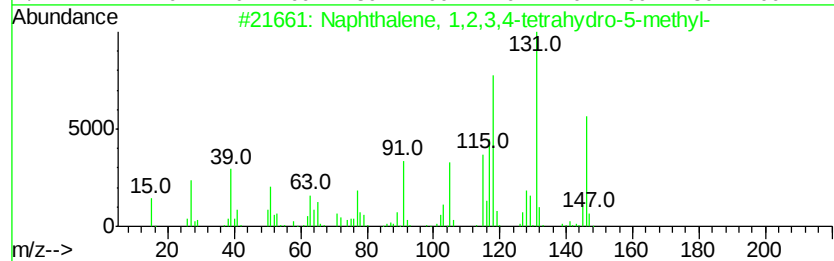
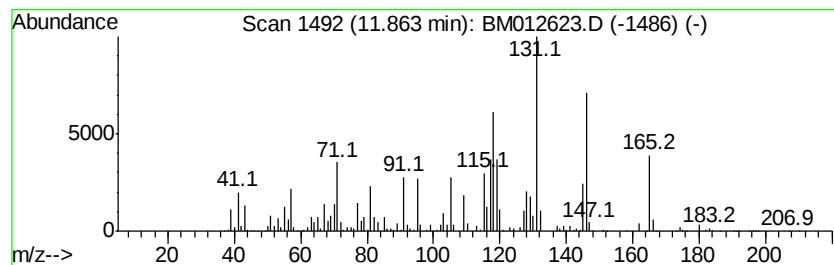
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.60 ng/ul	11670300	Naphthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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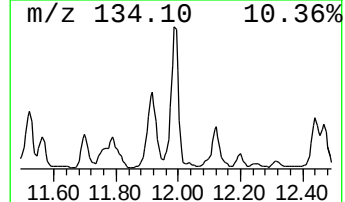
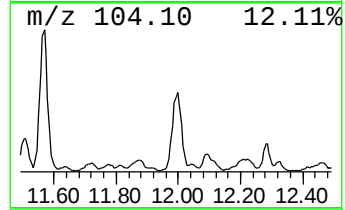
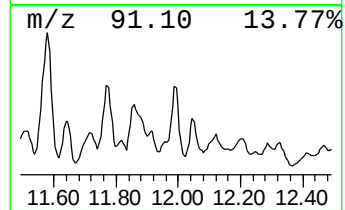
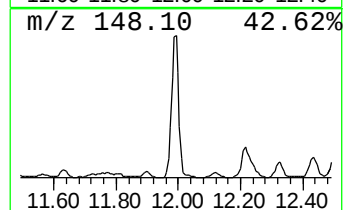
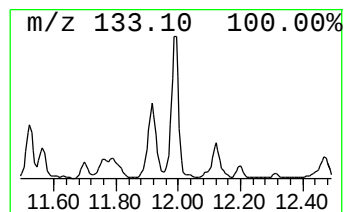
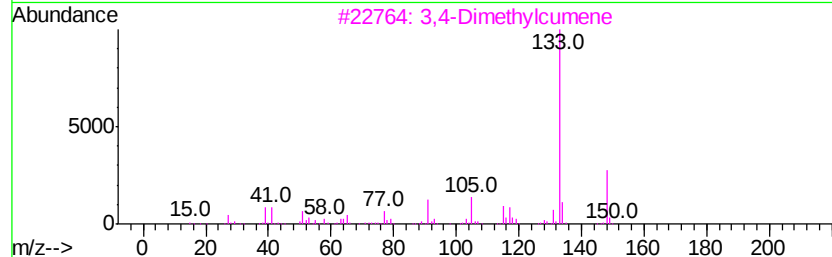
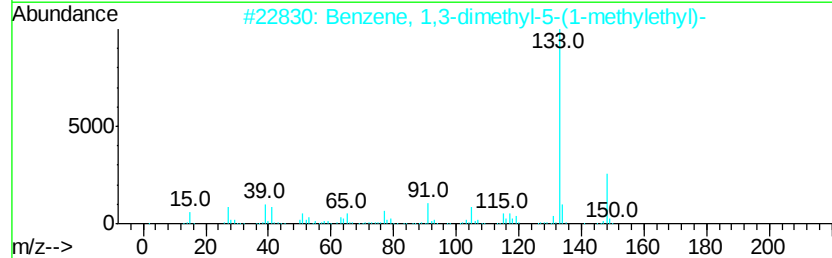
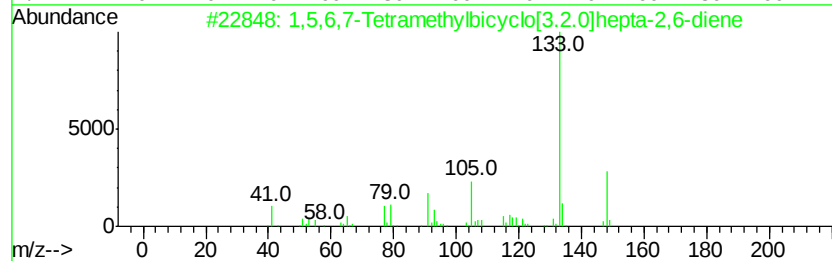
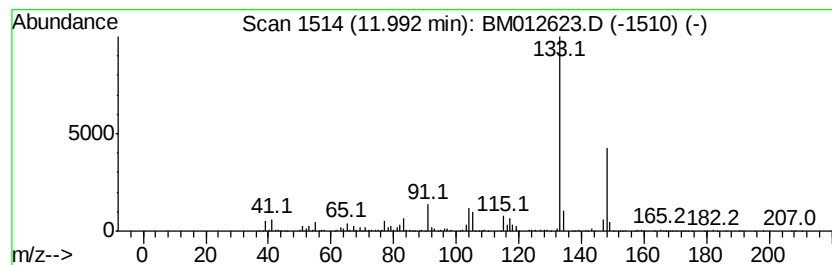
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 1,5,6,7-Tetramethylbicyclo[...] Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.82 ng/ul	9120630	Naphthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	91
2			Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	90
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

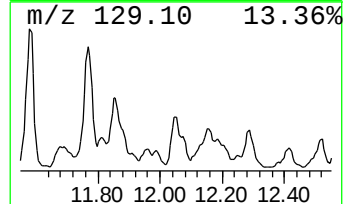
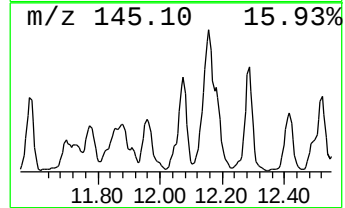
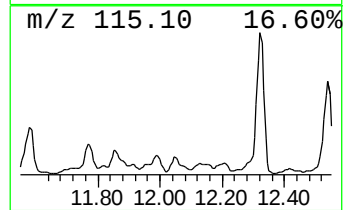
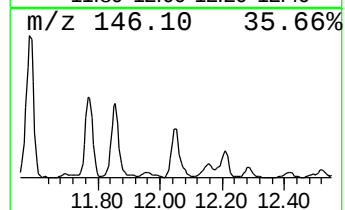
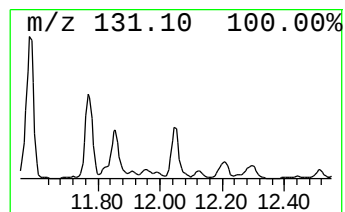
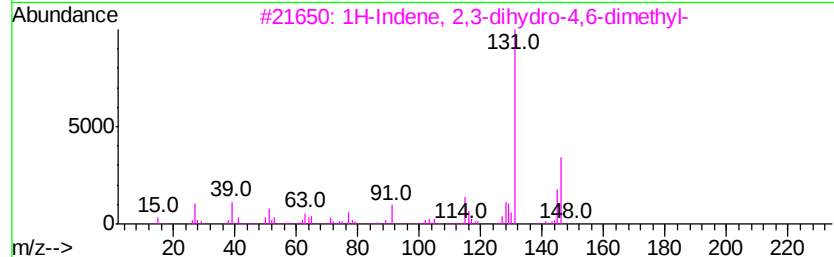
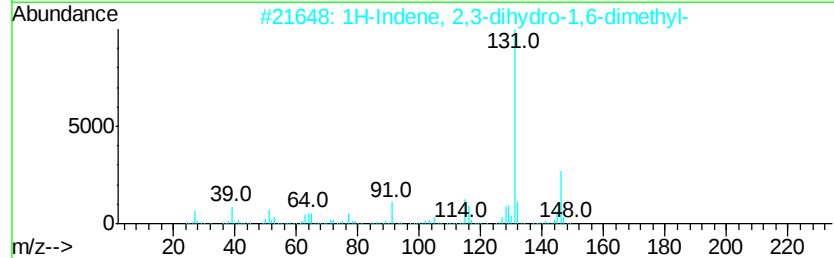
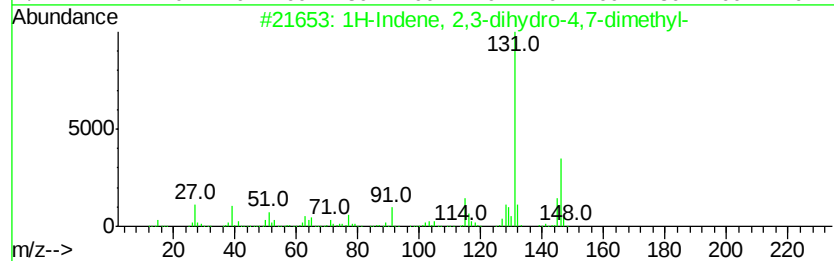
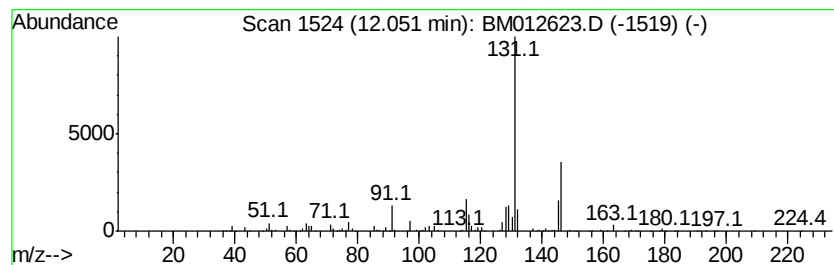
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.27 ng/ul	7354760	Napthalene-d8	10.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

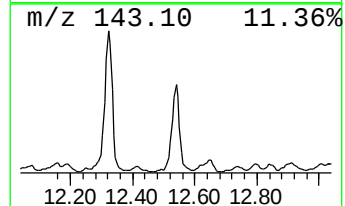
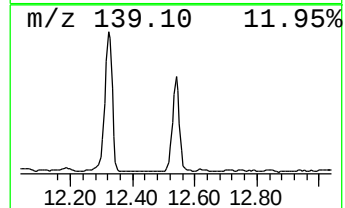
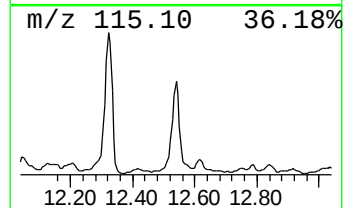
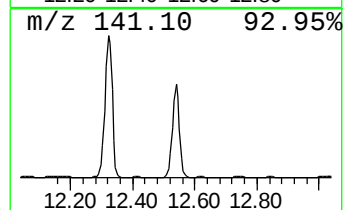
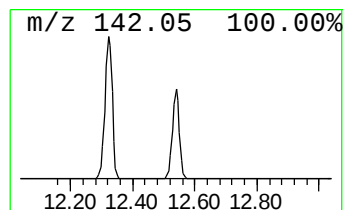
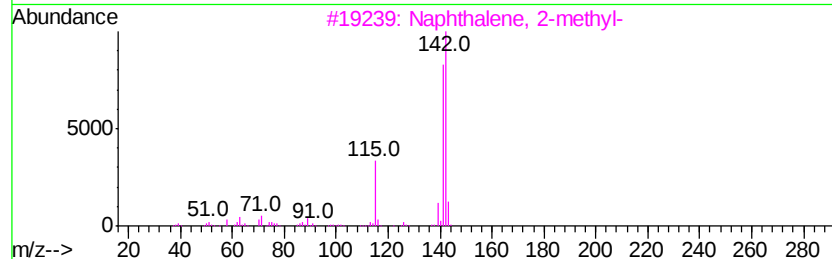
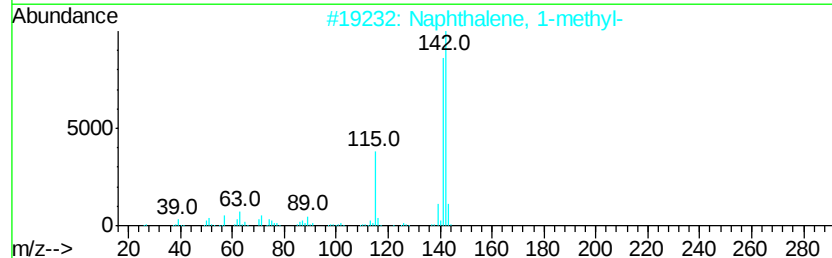
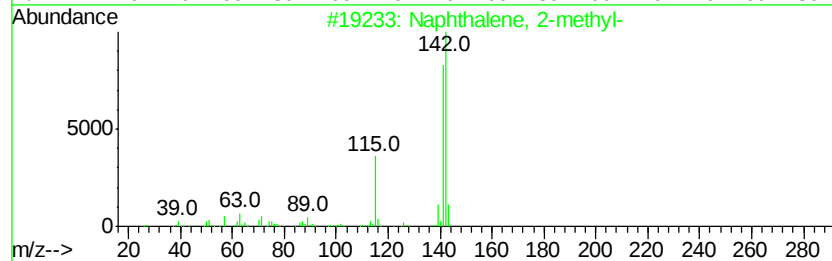
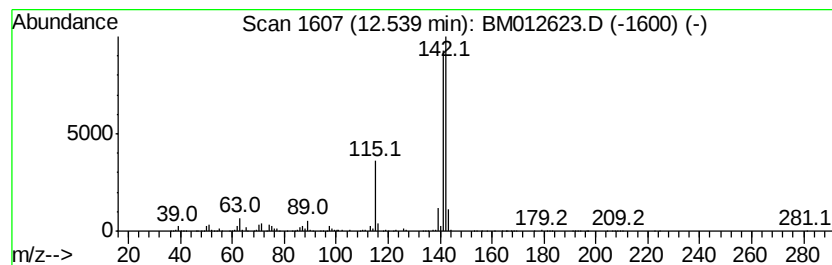
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 Naphthalene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.35 ng/ul	20588600	Naphthalene-d8	10.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

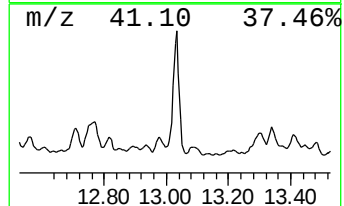
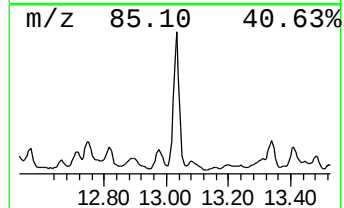
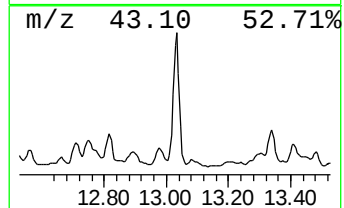
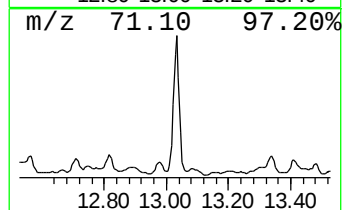
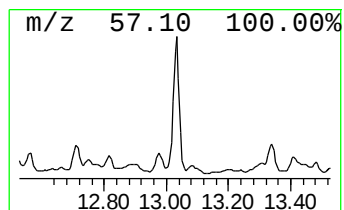
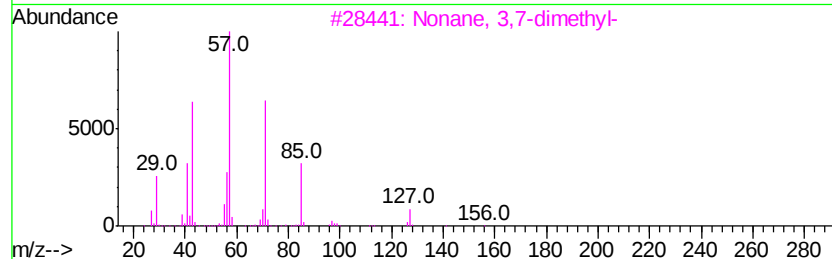
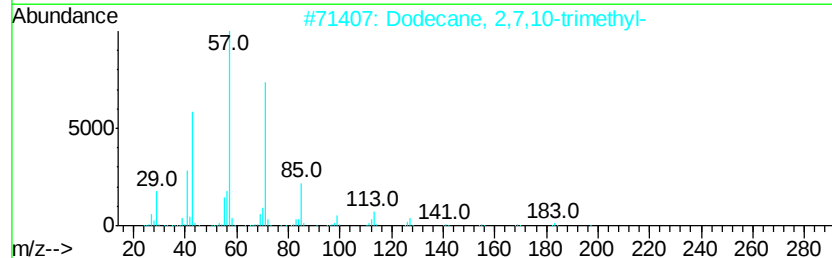
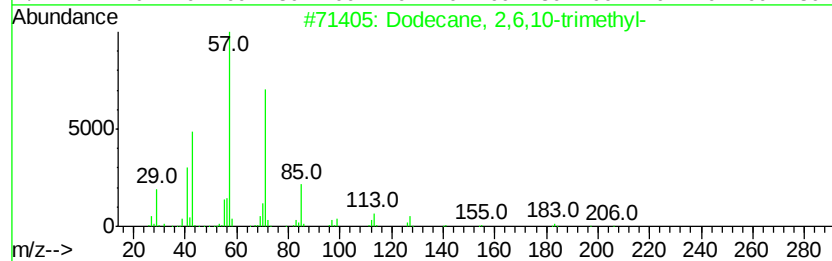
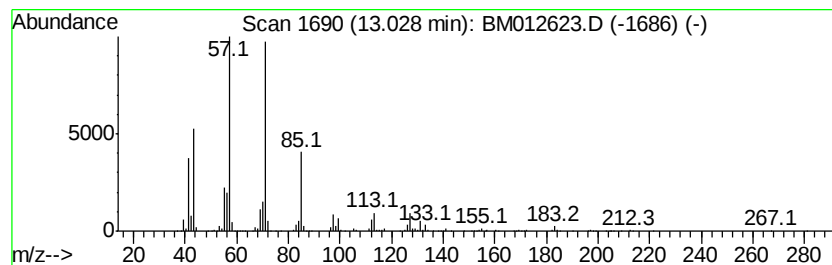
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	40.20 ng/ul	18969400	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-35(2-3.8)-100417

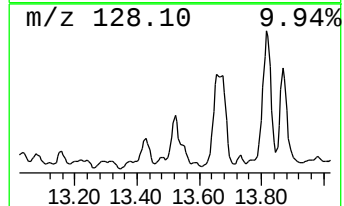
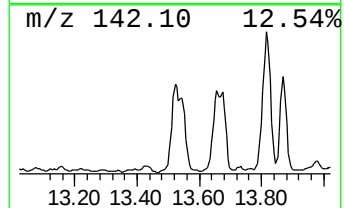
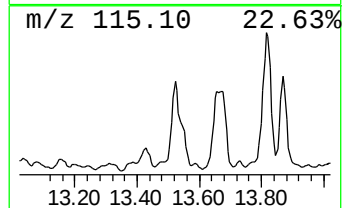
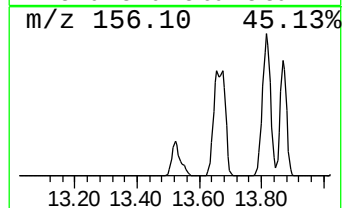
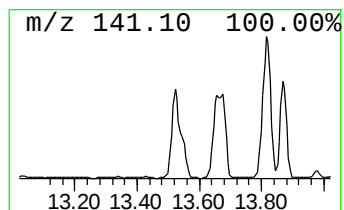
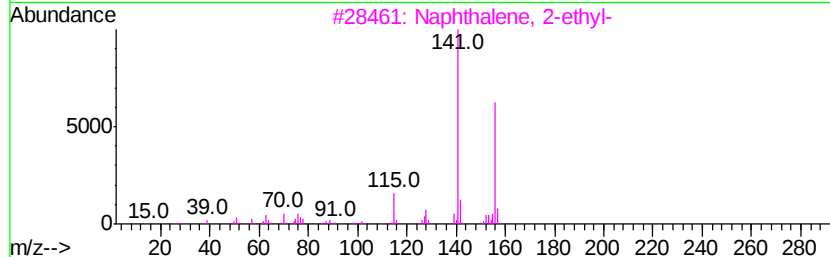
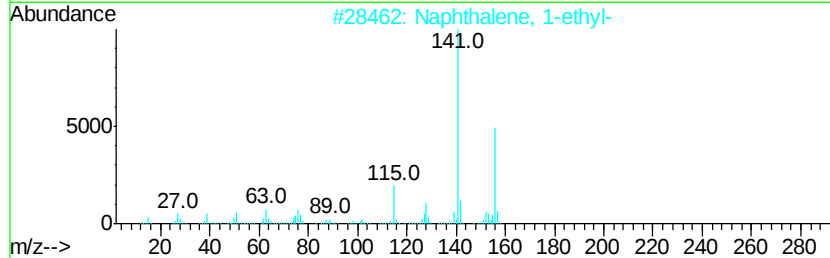
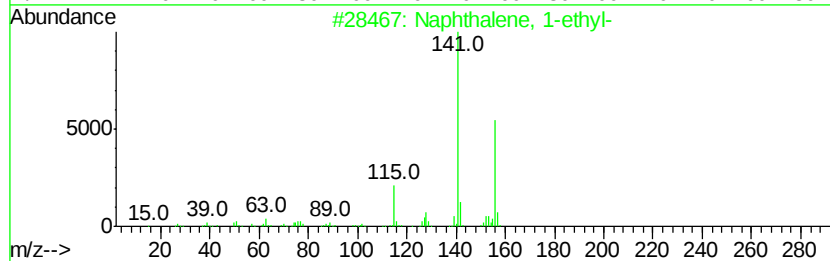
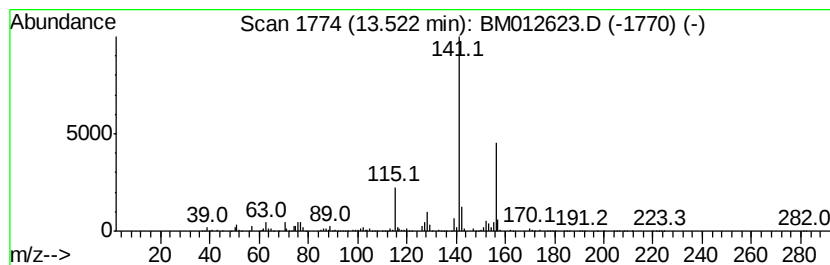
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Naphthalene, 1-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	17.97 ng/ul	8478570	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

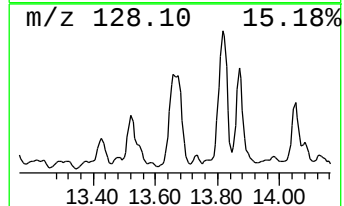
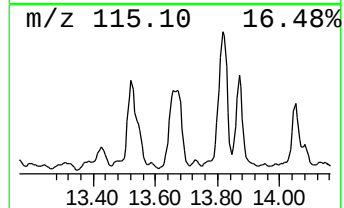
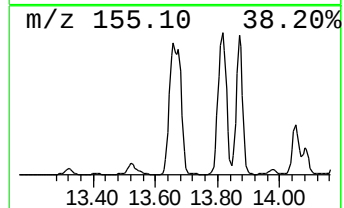
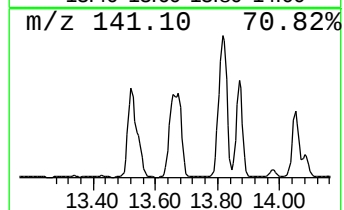
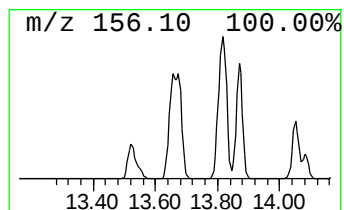
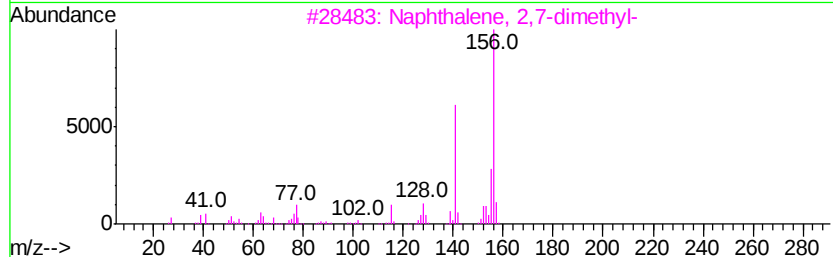
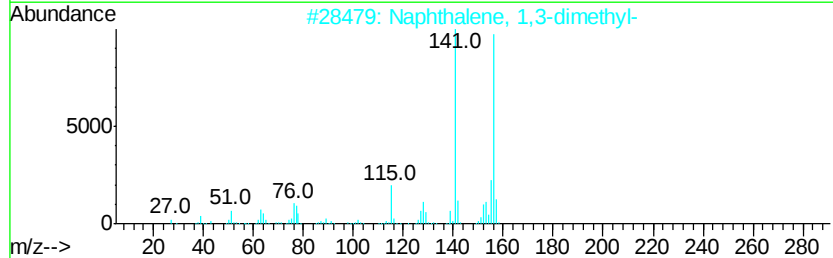
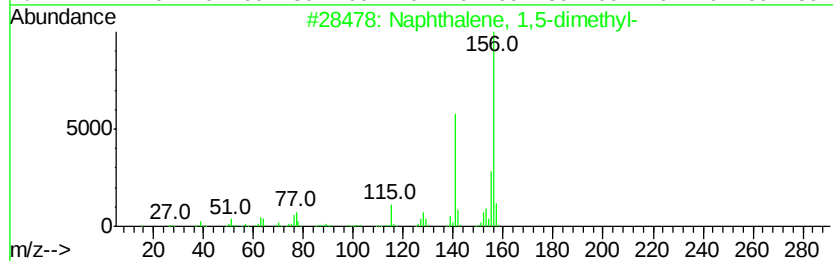
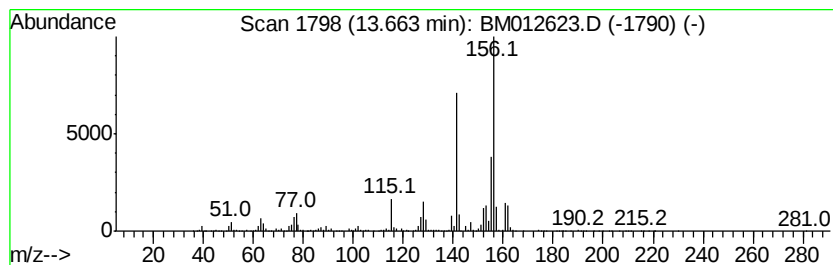
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	36.07 ng/ul	17020300	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
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ALS Vial : 18 Sample Multiplier: 1

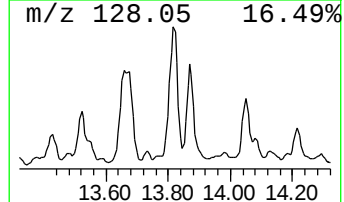
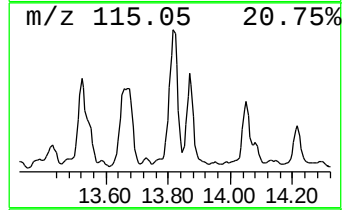
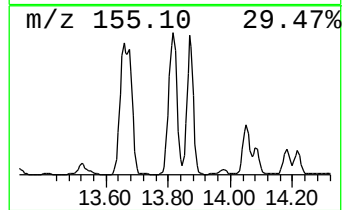
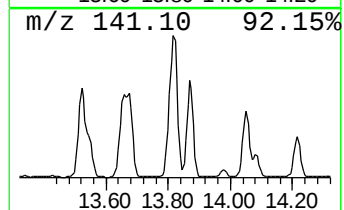
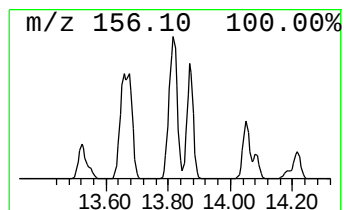
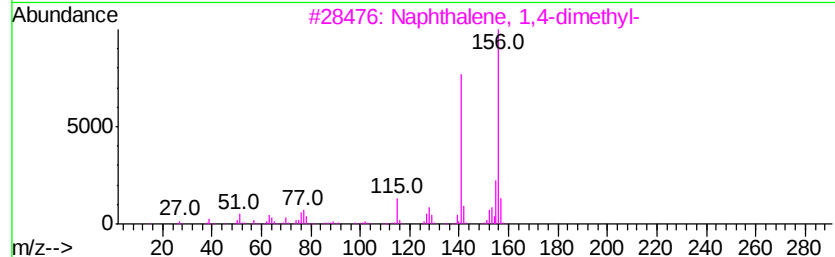
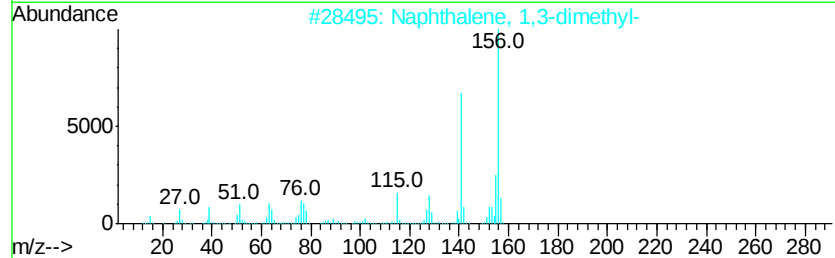
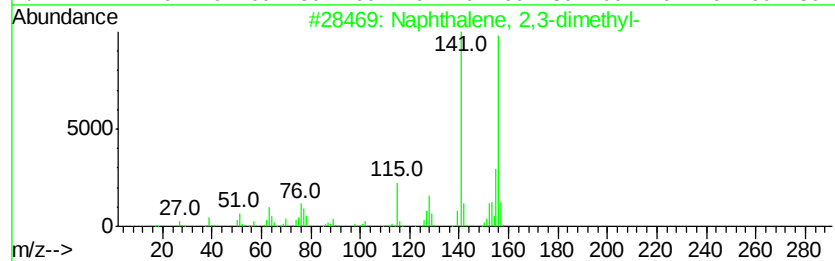
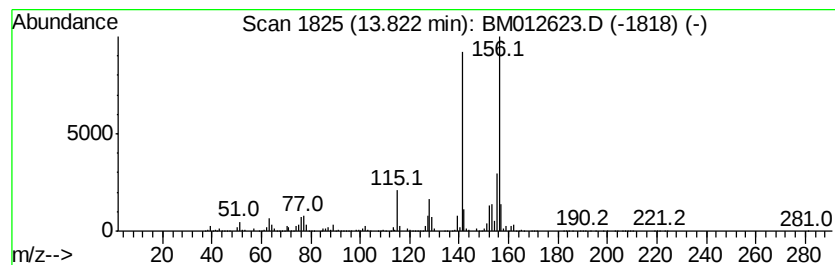
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ClientSampleId :
B-35(2-3.8)-100417

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.82	62.32 ng/ul	29406900	Acenaphthene-d10		14.49	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

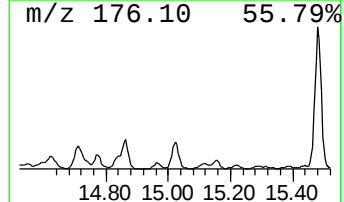
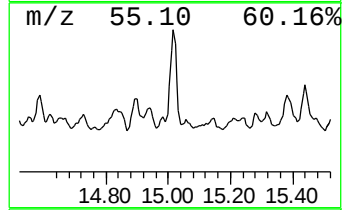
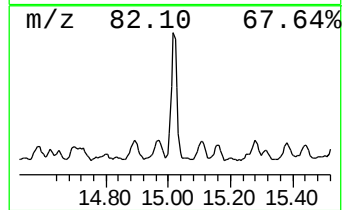
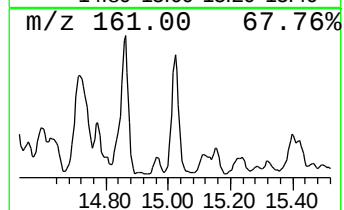
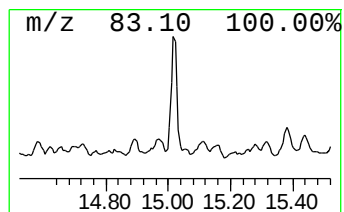
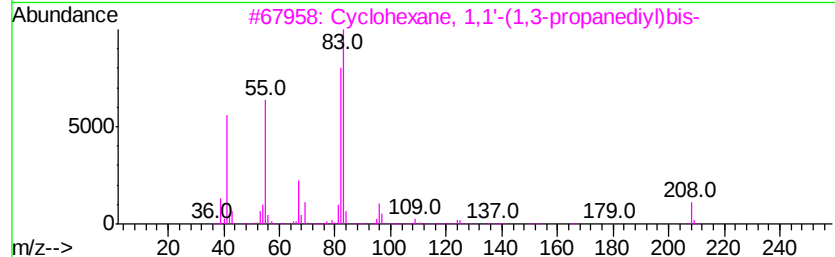
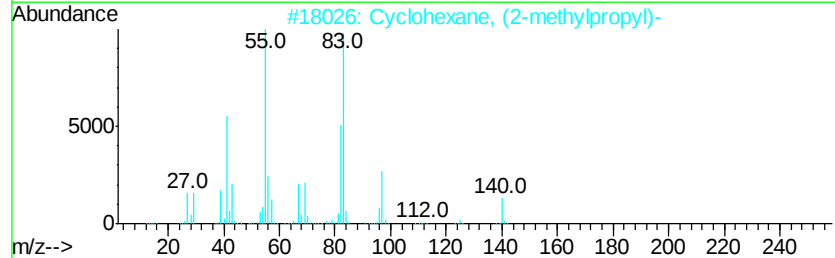
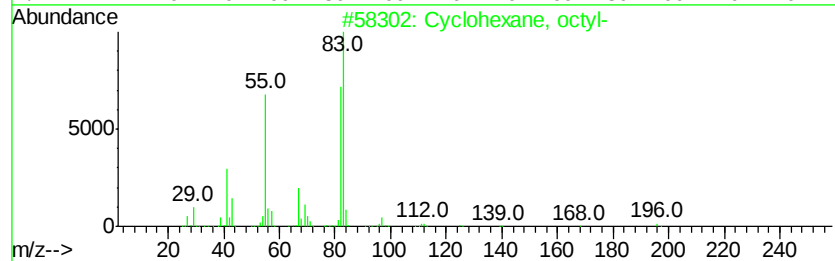
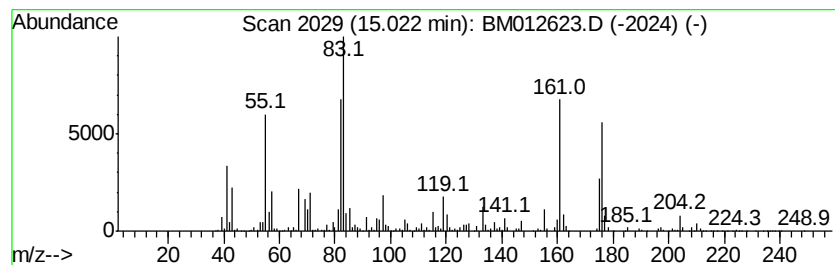
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Cyclic15.02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	18.18 ng/ul	8578440	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	42
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	30
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	30
5		Heptylcyclohexane	182	C13H26	005617-41-4	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

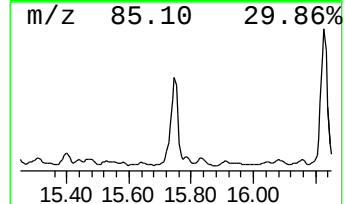
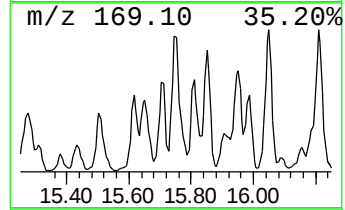
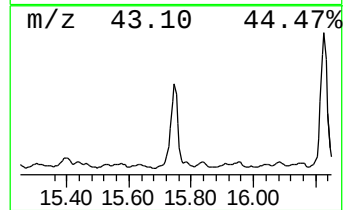
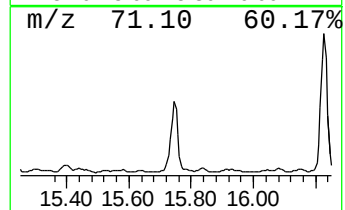
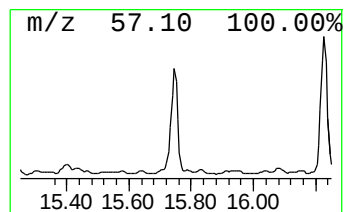
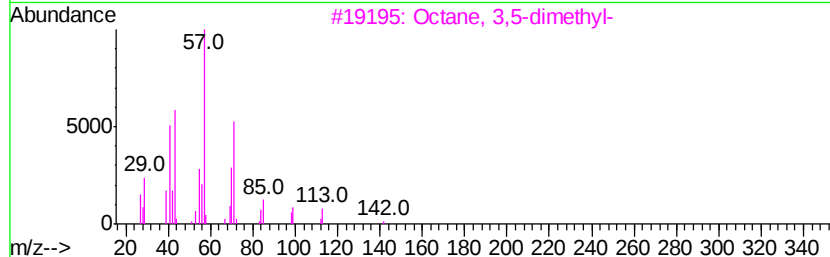
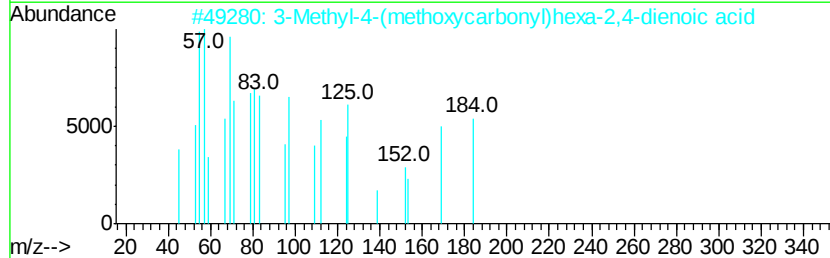
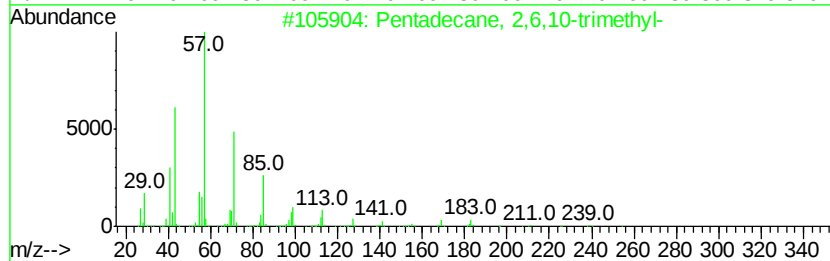
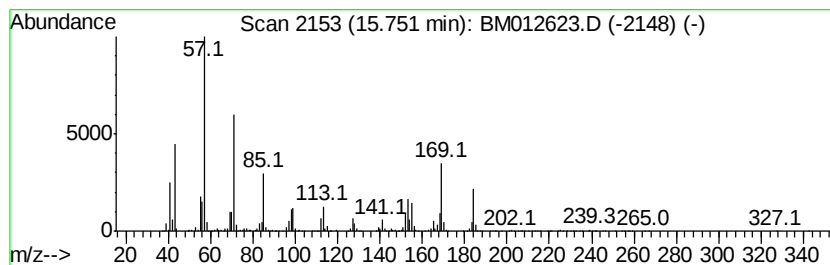
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	34.79 ng/ul	16415700	Acenaphthene-d10	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	80
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
5		Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

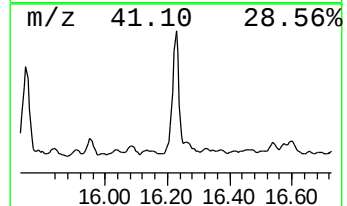
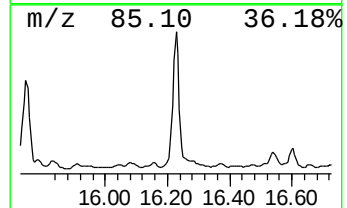
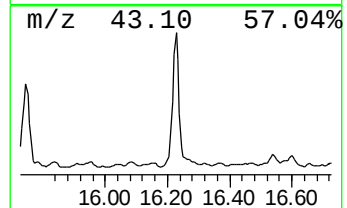
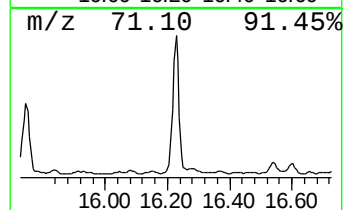
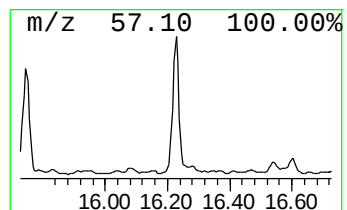
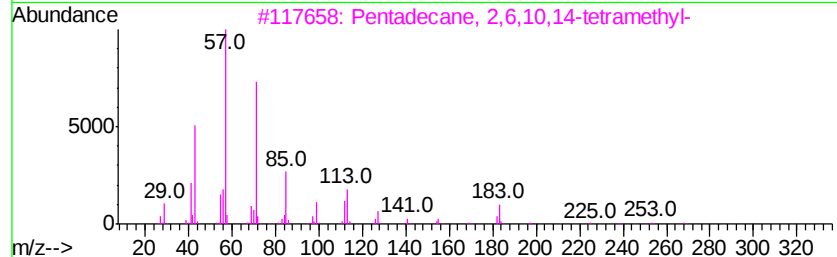
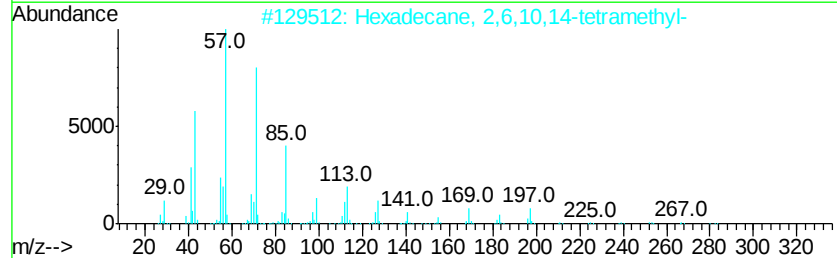
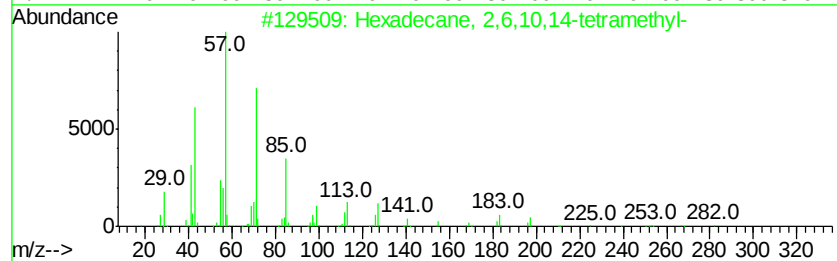
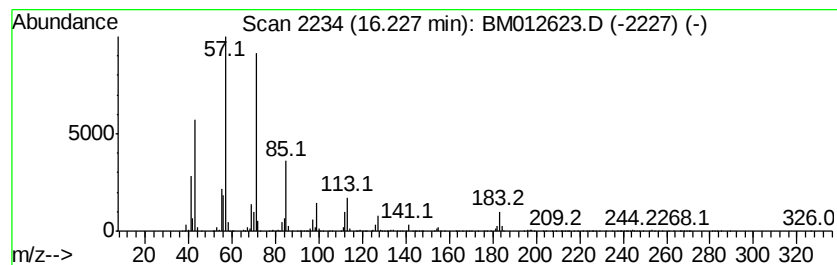
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	69.19 ng/ul	25233700	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

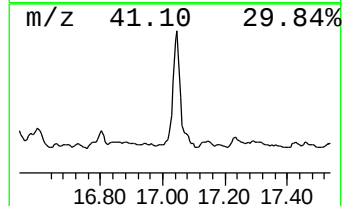
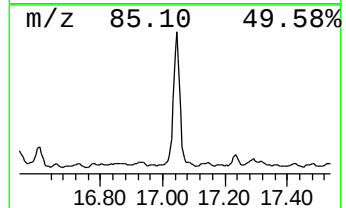
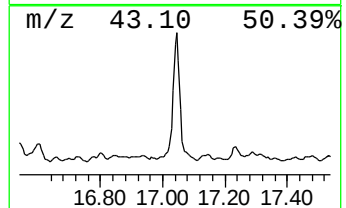
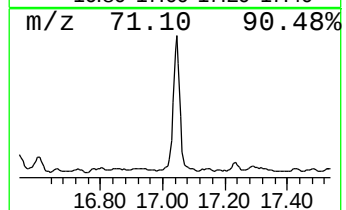
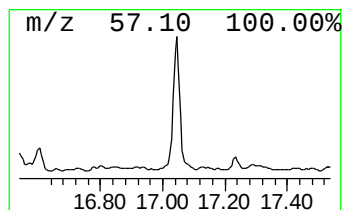
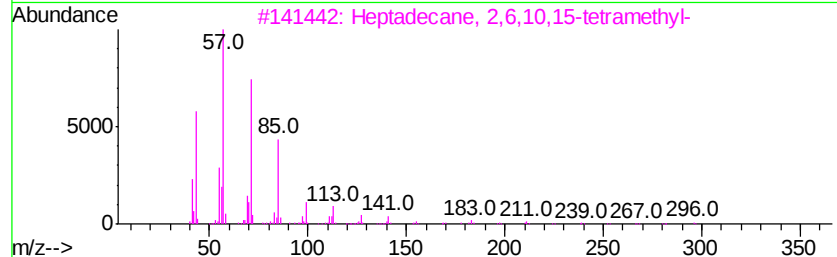
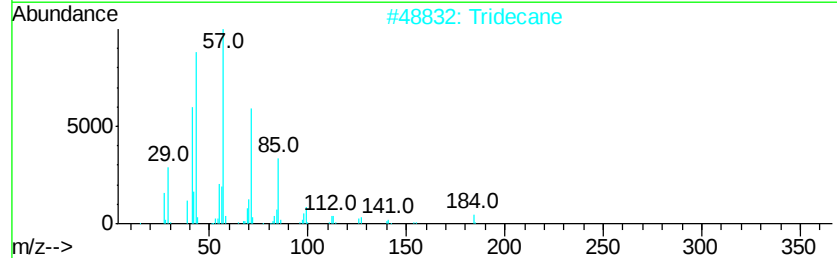
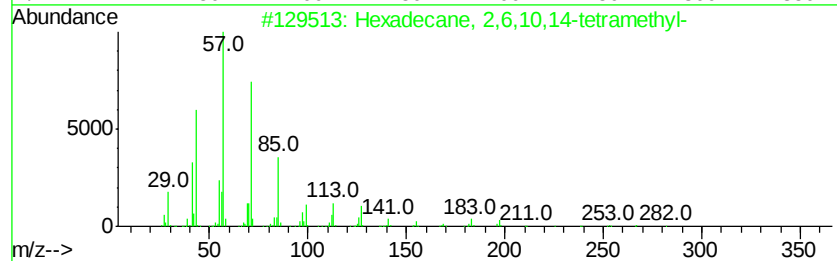
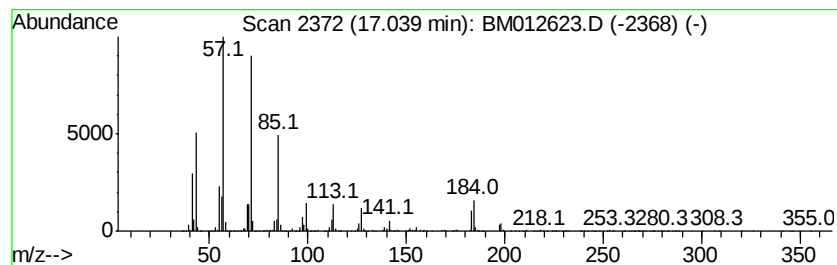
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	59.58 ng/ul	21727800	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2		Tridecane	184	C13H28	000629-50-5	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4		Tetradecane	198	C14H30	000629-59-4	74
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	74



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012623.D
Acq On : 01 Nov 2017 03:44
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

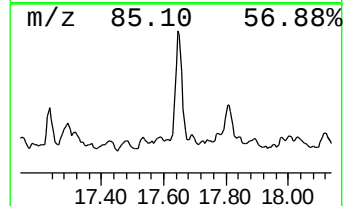
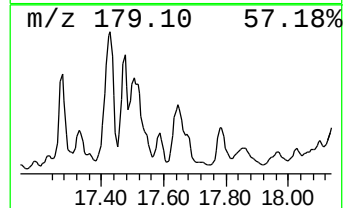
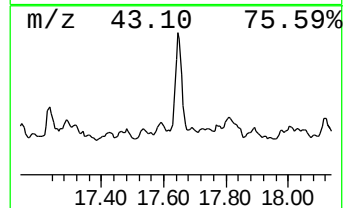
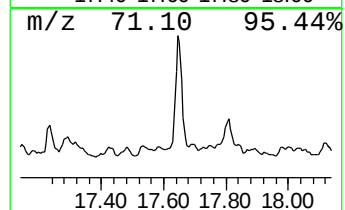
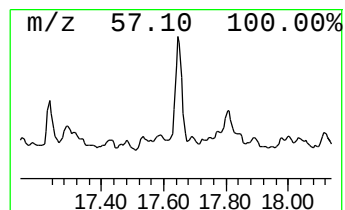
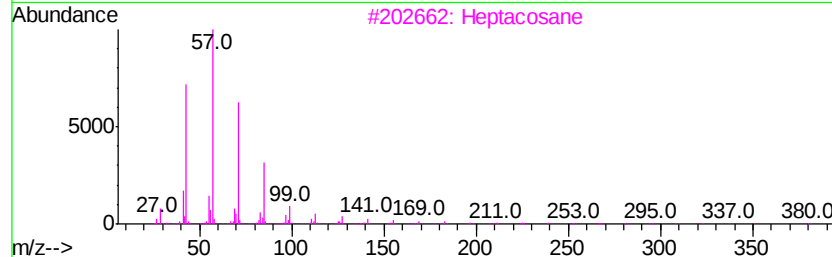
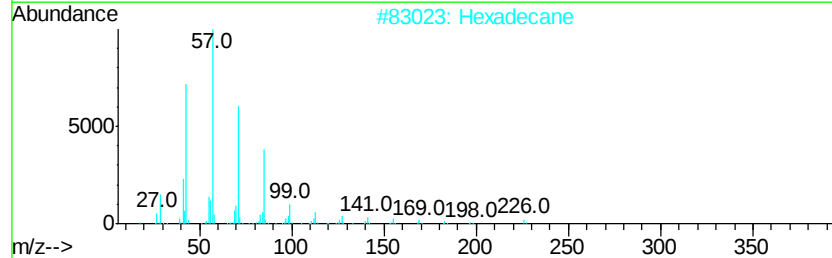
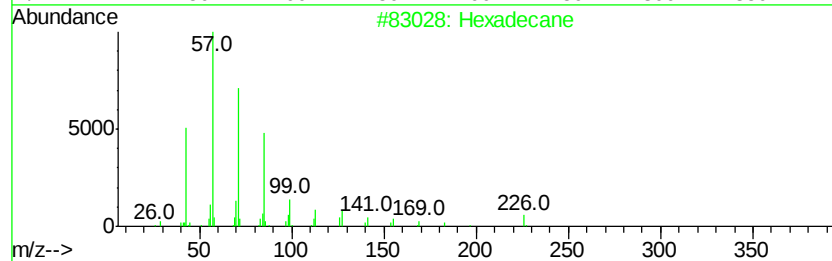
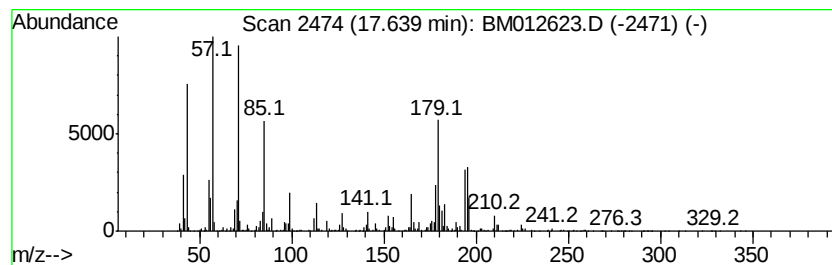
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	19.59 ng/ul	7145530	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	70
2		Hexadecane	226	C16H34	000544-76-3	70
3		Heptacosane	380	C27H56	000593-49-7	46
4		Heptadecane	240	C17H36	000629-78-7	46
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM103117\
 Data File : BM012623.D
 Acq On : 01 Nov 2017 03:44
 Operator : SJ/JU
 Sample : I5719-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.93	2.1	ng/ul	10295400	1	7.84	98562400	20.0
(DEL) Alkane: Str...	4.09	2.2	ng/ul	10803000	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	4.26	6.0	ng/ul	29764700	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	4.39	3.7	ng/ul	18451000	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	4.54	6.3	ng/ul	31268200	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	4.62	4.7	ng/ul	23030800	1	7.84	98562400	20.0
(DEL) Alkane: Str...	4.72	5.3	ng/ul	26374000	1	7.84	98562400	20.0
(DEL) Alkane: Str...	4.83	19.2	ng/ul	94678100	1	7.84	98562400	20.0
(DEL) Alkane: Str...	4.93	20.4	ng/ul	100590000	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	5.03	7.4	ng/ul	36633100	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	5.09	14.1	ng/ul	69290100	1	7.84	98562400	20.0
(DEL) Alkane: Str...	5.24	3.5	ng/ul	17193100	1	7.84	98562400	20.0
(DEL) Alkane: Str...	5.29	5.6	ng/ul	27712300	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	5.32	16.8	ng/ul	82871300	1	7.84	98562400	20.0
Benzene, 1,3-dime...	5.52	7.9	ng/ul	38974300	1	7.84	98562400	20.0
Pentalene, octahy...	5.58	7.2	ng/ul	35471000	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	5.69	8.9	ng/ul	43704200	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	5.76	10.4	ng/ul	51021800	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	5.84	18.6	ng/ul	91794600	1	7.84	98562400	20.0
Cyclohexene, 1-et...	5.98	7.2	ng/ul	35383600	1	7.84	98562400	20.0
(DEL) Alkane: Str...	6.07	2.1	ng/ul	10321700	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	6.17	41.2	ng/ul	202964000	1	7.84	98562400	20.0
unknown-01	6.39	49.1	ng/ul	242241000	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	6.55	59.1	ng/ul	291351000	1	7.84	98562400	20.0
(DEL) Alkane: Cyc...	6.71	5.4	ng/ul	26523700	1	7.84	98562400	20.0
Benzeneacetaldhyde	6.89	52.3	ng/ul	257853000	1	7.84	98562400	20.0
Benzene, 2-ethyl-...	9.13	27.7	ng/ul	136405000	1	7.84	98562400	20.0
Benzene, 1-ethyl-...	9.26	44.9	ng/ul	221127000	1	7.84	98562400	20.0
unknown-02	9.40	33.3	ng/ul	108025000	2	10.69	64797900	20.0
unknown-03	9.51	15.7	ng/ul	50933700	2	10.69	64797900	20.0
trans-Decalin, 2-...	9.66	35.8	ng/ul	115997000	2	10.69	64797900	20.0
(DEL) Alkane: Cyc...	9.85	22.3	ng/ul	72260200	2	10.69	64797900	20.0
(DEL) Alkane: Cyc...	10.05	5.2	ng/ul	16965800	2	10.69	64797900	20.0
Benzene, 2-etheny...	10.12	91.1	ng/ul	295121000	2	10.69	64797900	20.0
Benzene, 2,4-diet...	10.17	25.6	ng/ul	83070200	2	10.69	64797900	20.0
Benzene, 4-ethyl-...	10.40	27.6	ng/ul	89502600	2	10.69	64797900	20.0
2'-Ethylpropiophe...	10.47	4.0	ng/ul	12793100	2	10.69	64797900	20.0
unknown-04	10.56	4.5	ng/ul	14622300	2	10.69	64797900	20.0
Benzene, pentamet...	10.90	16.5	ng/ul	53491600	2	10.69	64797900	20.0
(DEL) Alkane: Str...	10.96	4.6	ng/ul	15041300	2	10.69	64797900	20.0
unknown-05	11.23	2.6	ng/ul	8309450	2	10.69	64797900	20.0
Benzene, 2,4-dime...	11.30	3.6	ng/ul	11622200	2	10.69	64797900	20.0
2-Ethyl-2,3-dihyd...	11.33	5.2	ng/ul	16928400	2	10.69	64797900	20.0
unknown-06	11.37	5.3	ng/ul	17216100	2	10.69	64797900	20.0
Naphthalene, 1,2,...	11.45	2.1	ng/ul	6781680	2	10.69	64797900	20.0
(DEL) Alkane: Str...	11.50	3.3	ng/ul	10817100	2	10.69	64797900	20.0
(DEL) Alkane: Str...	11.69	7.0	ng/ul	22536700	2	10.69	64797900	20.0
1H-Indene, 2,3-di...	11.77	4.7	ng/ul	15198100	2	10.69	64797900	20.0
Naphthalene, 1,2,...	11.86	3.6	ng/ul	11670300	2	10.69	64797900	20.0

1,5,6,7-Tetrameth...	11.99	2.8	ng/ul	9120630	2	10.69	64797900	20.0
1H-Indene, 2,3-di...	12.05	2.3	ng/ul	7354760	2	10.69	64797900	20.0
Naphthalene, 1-me...	12.54	6.3	ng/ul	20588600	2	10.69	64797900	20.0
(DEL) Alkane: Str...	13.03	40.2	ng/ul	18969400	3	14.49	9437650	20.0
Naphthalene, 1-et...	13.52	18.0	ng/ul	8478570	3	14.49	9437650	20.0
Naphthalene, 1,5-...	13.66	36.1	ng/ul	17020300	3	14.49	9437650	20.0
Naphthalene, 2,3-...	13.82	62.3	ng/ul	29406900	3	14.49	9437650	20.0
(DEL) Alkane: Cyc...	15.02	18.2	ng/ul	8578440	3	14.49	9437650	20.0
(DEL) Alkane: Str...	15.75	34.8	ng/ul	16415700	3	14.49	9437650	20.0
(DEL) Alkane: Str...	16.23	69.2	ng/ul	25233700	4	17.23	7293980	20.0
(DEL) Alkane: Str...	17.04	59.6	ng/ul	21727800	4	17.23	7293980	20.0
(DEL) Alkane: Str...	17.64	19.6	ng/ul	7145530	4	17.23	7293980	20.0

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417