

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
 Data File : BM003629.D
 Acq On : 19 Dec 2015 20:43
 Operator : UM/SJ
 Sample : G4801-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C70

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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\SOM02.2-EPA-BM121915.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	4.075	161	168	172	rBV2	40367	65820	4.66%	0.302%
2	4.646	257	265	271	rBV	52587	82361	5.83%	0.378%
3	4.851	295	300	304	rVV	53961	79085	5.60%	0.363%
4	4.904	304	309	315	rVV	85751	140989	9.98%	0.647%
5	5.140	345	349	353	rVV2	40091	77733	5.50%	0.357%
6	5.287	363	374	384	rVB	53850	113452	8.03%	0.521%
7	5.575	418	423	432	rBV2	49072	111140	7.86%	0.510%
8	5.657	432	437	442	rBV	56882	85725	6.07%	0.394%
9	5.722	444	448	455	rVB	37911	66515	4.71%	0.305%
10	5.975	484	491	498	rBV3	67339	147848	10.46%	0.679%
11	6.093	504	511	518	rBV3	28918	64656	4.57%	0.297%
12	6.198	522	529	535	rBV3	70628	184641	13.06%	0.848%
13	6.257	535	539	544	rBV	123081	169534	12.00%	0.778%
14	6.334	544	552	555	rVV2	115176	215042	15.21%	0.987%
15	6.369	555	558	564	rVB	113819	167370	11.84%	0.768%
16	6.598	589	597	602	rBV2	43477	106664	7.55%	0.490%
17	6.687	608	612	618	rVB3	128794	209986	14.86%	0.964%
18	6.863	633	642	653	rVB4	141727	409439	28.97%	1.880%
19	7.034	664	671	675	rBV2	98379	159224	11.27%	0.731%
20	7.181	693	696	700	rVV	56667	98713	6.98%	0.453%
21	7.228	700	704	720	rVB2	133618	341857	24.19%	1.569%
22	7.604	762	768	774	rBV4	33157	88746	6.28%	0.407%
23	7.675	774	780	789	rVB2	199316	463234	32.78%	2.127%
24	7.763	789	795	800	rVB3	33460	65013	4.60%	0.298%
25	7.881	810	815	819	rVB3	44902	66745	4.72%	0.306%
26	7.981	828	832	839	rVB3	91915	162044	11.47%	0.744%
27	8.222	869	873	876	rVV	59559	89149	6.31%	0.409%
28	8.281	880	883	888	rVB	56464	82854	5.86%	0.380%
29	8.351	888	895	899	rBV3	68797	125129	8.85%	0.574%
30	8.404	899	904	909	rVB	136502	220579	15.61%	1.013%
31	8.457	909	913	920	rBV	62552	88653	6.27%	0.407%
32	8.522	920	924	929	rBV2	45170	67975	4.81%	0.312%
33	8.769	960	966	967	rBV2	56098	74748	5.29%	0.343%
34	8.798	967	971	976	rVB2	108633	170755	12.08%	0.784%

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35	8.857	976	981	984	rBV	89694	141458	10.01%	0.649%
36	9.010	1002	1007	1009	rBV3	43458	79776	5.64%	0.366%
37	9.045	1009	1013	1019	rVV5	60511	125374	8.87%	0.576%
38	9.175	1019	1035	1039	rVV3	50626	157076	11.11%	0.721%
39	9.334	1056	1062	1068	rVV2	81383	163008	11.53%	0.748%
40	9.404	1068	1074	1079	rVV2	61285	116886	8.27%	0.537%
41	9.575	1097	1103	1107	rBV2	122881	210756	14.91%	0.968%
42	9.616	1107	1110	1115	rVB3	72062	112148	7.93%	0.515%
43	9.669	1115	1119	1127	rVB5	77108	135383	9.58%	0.622%
44	9.745	1127	1132	1135	rBV2	64713	121088	8.57%	0.556%
45	9.833	1140	1147	1152	rVB3	61139	100142	7.09%	0.460%
46	9.892	1152	1157	1170	rBV3	129712	309518	21.90%	1.421%
47	10.022	1174	1179	1183	rVB	50362	72755	5.15%	0.334%
48	10.116	1183	1195	1201	rVB2	166489	352474	24.94%	1.618%
49	10.486	1247	1258	1263	rVV2	193215	457778	32.39%	2.102%
50	10.539	1263	1267	1274	rVV3	68008	144003	10.19%	0.661%
51	10.651	1274	1286	1291	rVB2	241556	617751	43.71%	2.836%
52	10.710	1291	1296	1303	rBV3	45936	88028	6.23%	0.404%
53	10.775	1303	1307	1313	rVB4	30649	63101	4.46%	0.290%
54	10.857	1313	1321	1325	rBV4	35644	74680	5.28%	0.343%
55	10.975	1337	1341	1348	rVB3	48332	84172	5.96%	0.386%
56	11.157	1367	1372	1373	rVV3	49085	78797	5.58%	0.362%
57	11.186	1373	1377	1381	rVV	100310	188241	13.32%	0.864%
58	11.251	1385	1388	1395	rVB3	33007	64560	4.57%	0.296%
59	11.322	1395	1400	1406	rBV6	58748	105187	7.44%	0.483%
60	11.392	1410	1412	1421	rVB6	31140	77948	5.52%	0.358%
61	11.510	1427	1432	1442	rBV2	189268	350472	24.80%	1.609%
62	11.680	1452	1461	1469	rBV4	49637	112283	7.94%	0.515%
63	11.775	1469	1477	1481	rBV4	52354	104118	7.37%	0.478%
64	12.051	1520	1524	1528	rVB4	47147	67819	4.80%	0.311%
65	12.151	1532	1541	1548	rVB3	154680	399320	28.25%	1.833%
66	12.374	1573	1579	1589	rVB	80869	176088	12.46%	0.808%
67	12.557	1604	1610	1613	rBV4	45282	82503	5.84%	0.379%
68	12.616	1614	1620	1625	rVB3	63155	138249	9.78%	0.635%
69	12.880	1660	1665	1670	rVB	215325	318537	22.54%	1.462%
70	13.151	1706	1711	1715	rBV3	53140	89584	6.34%	0.411%
71	13.192	1715	1718	1722	rVB2	55513	76041	5.38%	0.349%

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72	13.263	1727	1730	1739	rVV4	56366	130632	9.24%	0.600%
73	13.521	1766	1774	1779	rBV2	61237	172105	12.18%	0.790%
74	13.669	1794	1799	1804	rBV	73555	124658	8.82%	0.572%
75	13.721	1804	1808	1810	rVV	71373	99450	7.04%	0.457%
76	13.763	1810	1815	1819	rVV	301902	443986	31.41%	2.038%
77	13.810	1819	1823	1824	rVV	116006	153533	10.86%	0.705%
78	13.833	1824	1827	1831	rVB	232324	300838	21.29%	1.381%
79	13.904	1831	1839	1842	rBV4	31582	66127	4.68%	0.304%
80	14.045	1858	1863	1872	rVB	360068	535955	37.92%	2.460%
81	14.192	1883	1888	1893	rVB4	35026	66825	4.73%	0.307%
82	14.351	1906	1915	1921	rBV2	297318	526028	37.22%	2.415%
83	14.557	1945	1950	1960	rVB	170970	319362	22.60%	1.466%
84	14.757	1979	1984	1990	rVB2	56737	87569	6.20%	0.402%
85	14.874	2000	2004	2016	rVB4	66376	117989	8.35%	0.542%
86	15.345	2079	2084	2089	rVB	483106	658595	46.60%	3.023%
87	15.468	2101	2105	2110	rVB2	87836	119429	8.45%	0.548%
88	15.610	2118	2129	2136	rBV	163891	286485	20.27%	1.315%
89	16.092	2203	2211	2216	rBV	197498	323191	22.87%	1.484%
90	16.468	2268	2275	2283	rVB7	24490	66113	4.68%	0.304%
91	16.909	2345	2350	2355	rVV2	96706	136806	9.68%	0.628%
92	17.098	2377	2382	2387	rBV2	405328	590213	41.76%	2.710%
93	17.139	2387	2389	2394	rVV	79974	104049	7.36%	0.478%
94	17.198	2394	2399	2410	rVB2	559681	820102	58.02%	3.765%
95	19.503	2785	2791	2804	rBV	714146	1105974	78.25%	5.077%
96	20.427	2945	2948	2954	rVB	72364	87840	6.21%	0.403%
97	21.009	3044	3047	3056	rVB3	56115	81430	5.76%	0.374%
98	21.297	3091	3096	3101	rBV	644153	860696	60.90%	3.951%
99	23.409	3448	3455	3469	rVV	744130	1413368	100.00%	6.488%
100	23.550	3472	3479	3489	rVB2	488239	962795	68.12%	4.420%

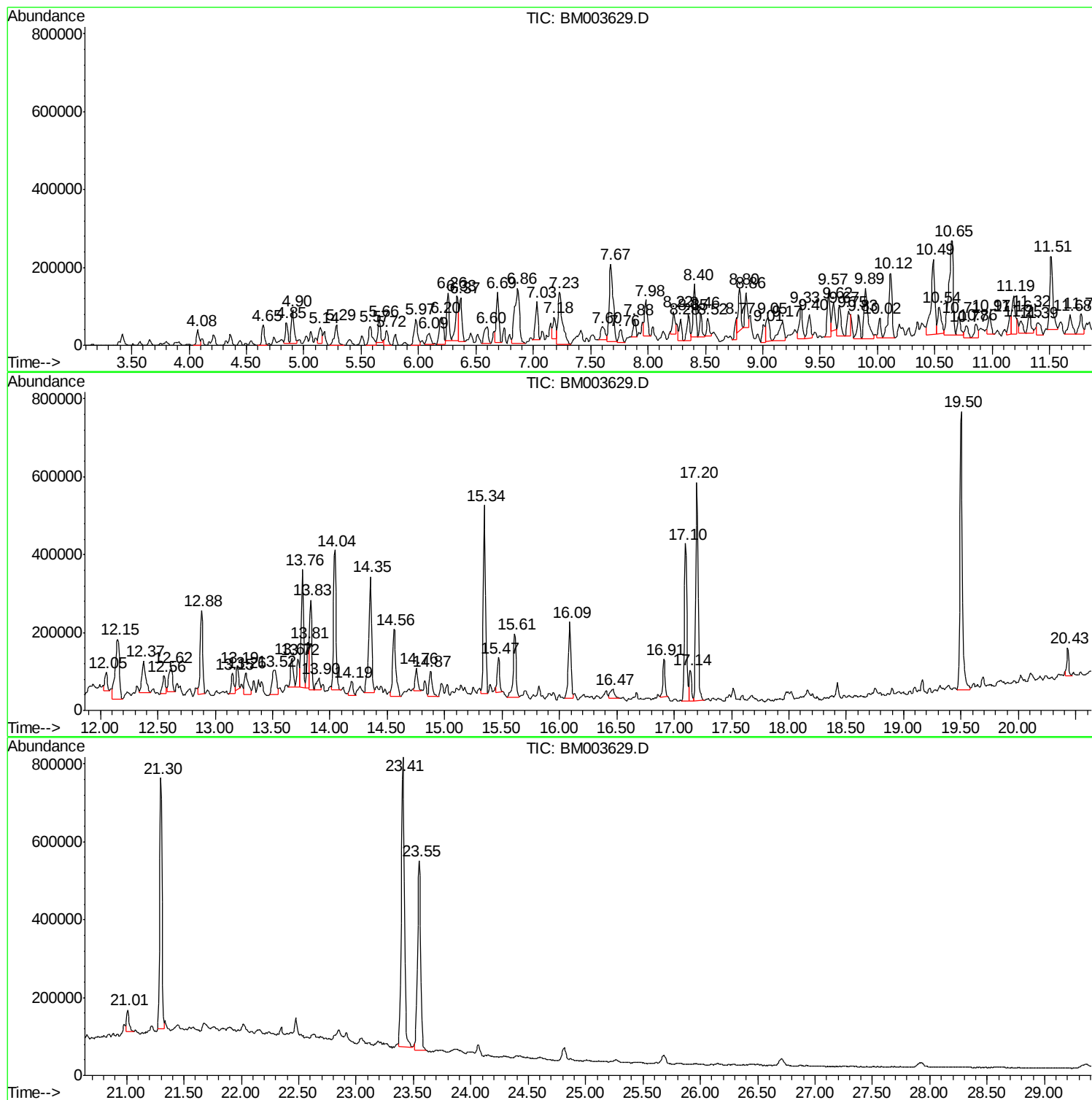
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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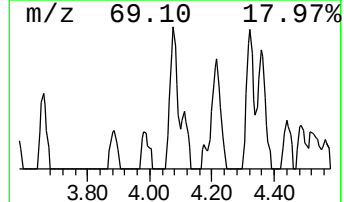
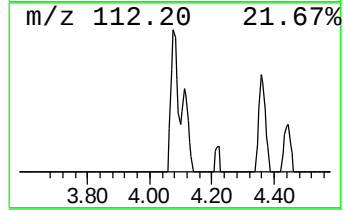
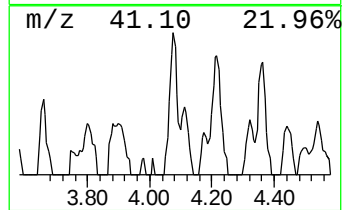
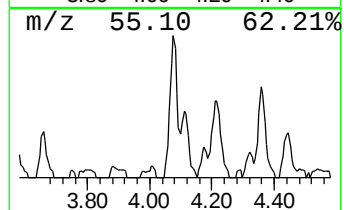
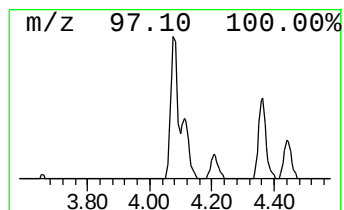
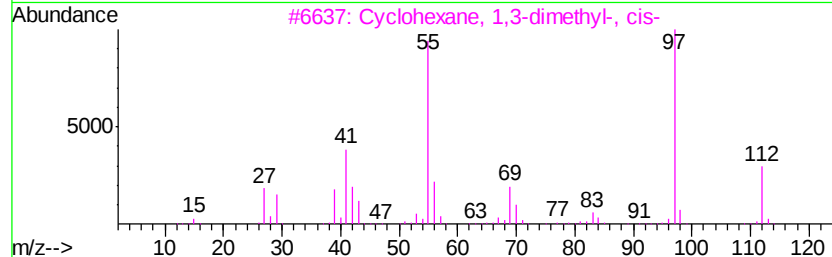
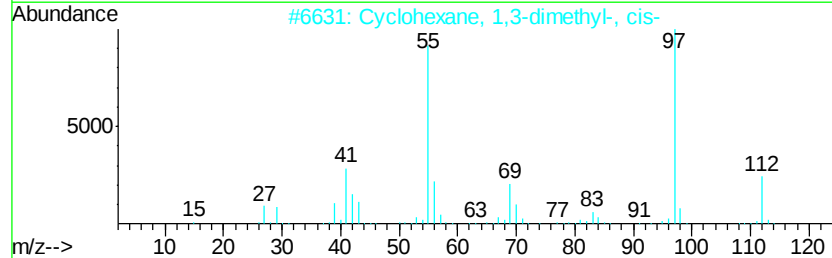
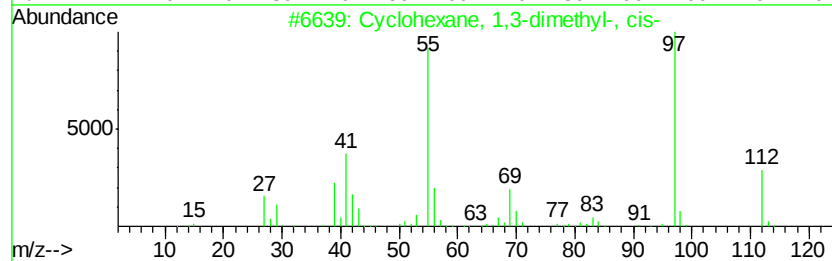
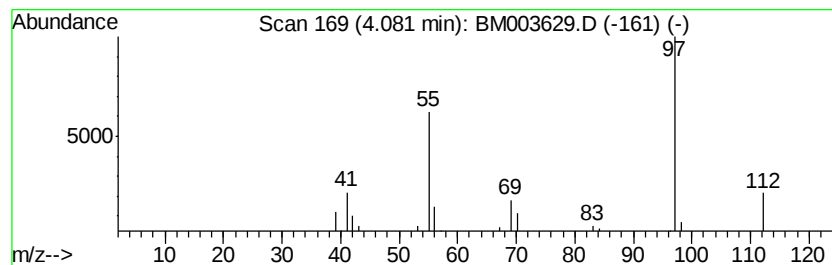
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	2.84 ng/ul	65820	1,4-Dichlorobenzene-d4	7.70

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-, cis-	112	C8H16	000638-04-0	91
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4		1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	90
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83



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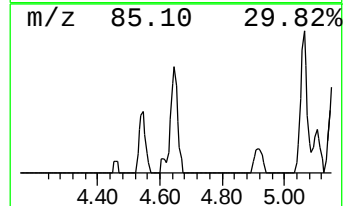
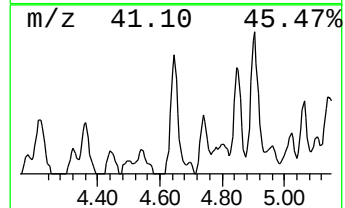
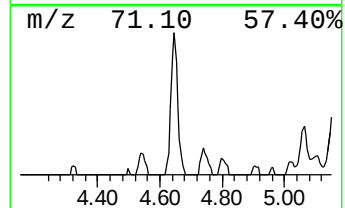
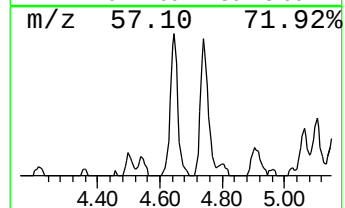
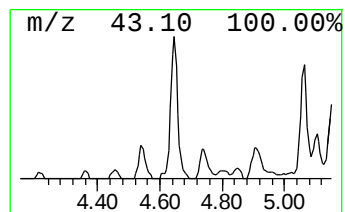
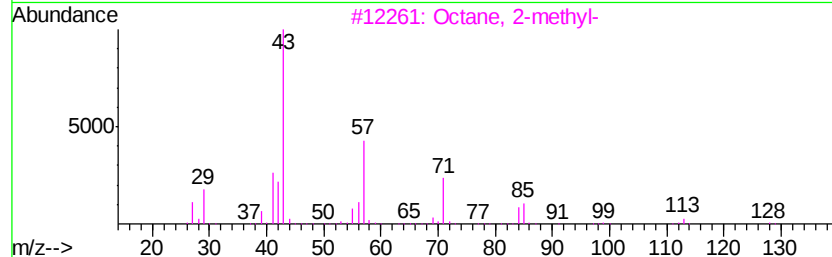
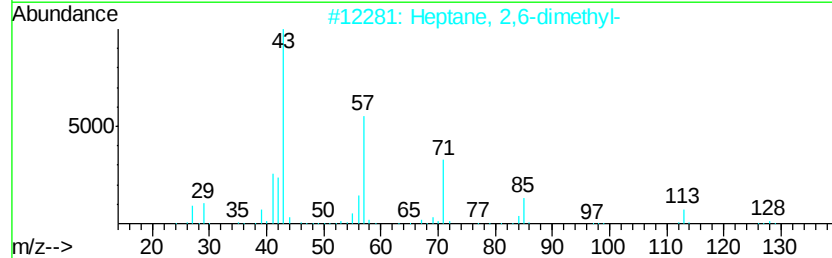
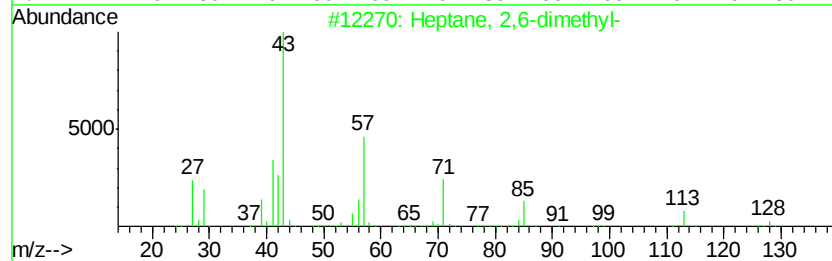
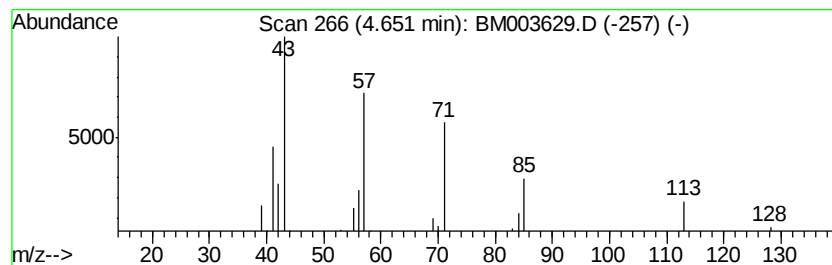
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane, 2,6-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	3.56 ng/ul	82361	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3			Octane, 2-methyl-	128	C9H20	003221-61-2	83
4			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59



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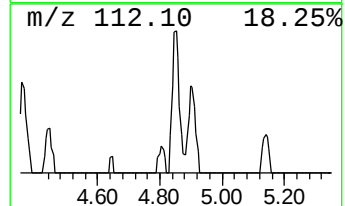
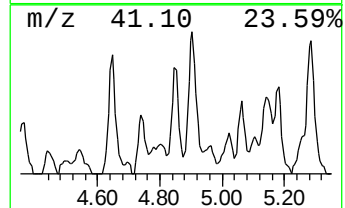
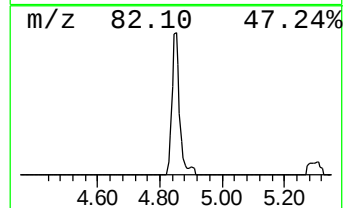
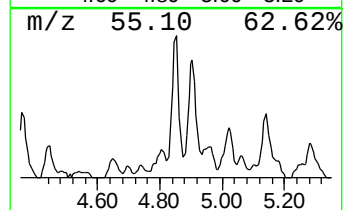
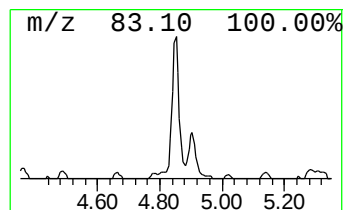
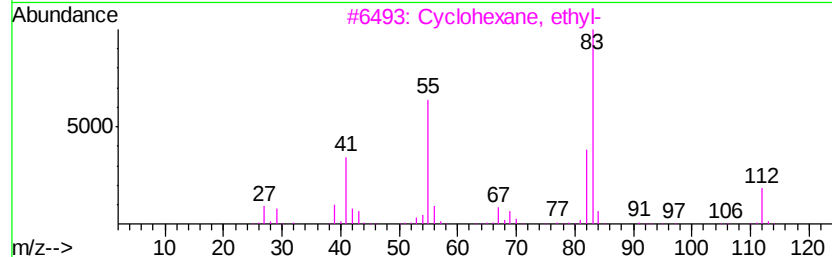
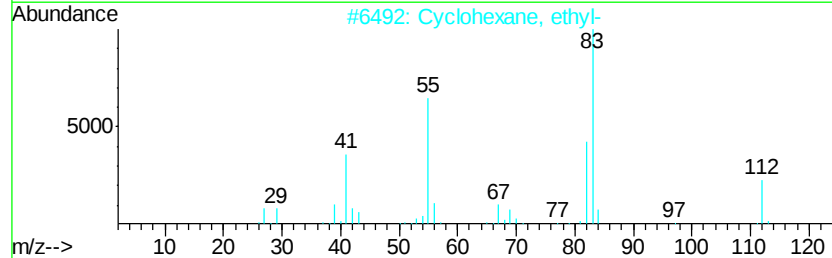
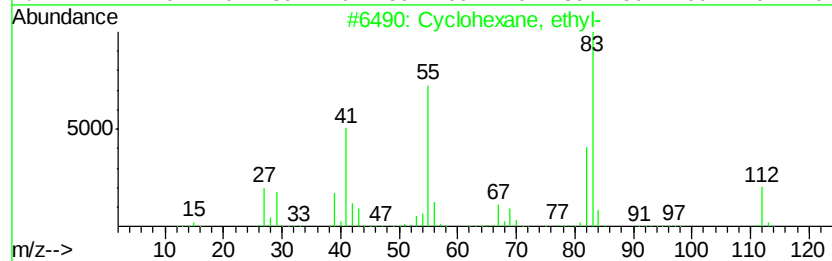
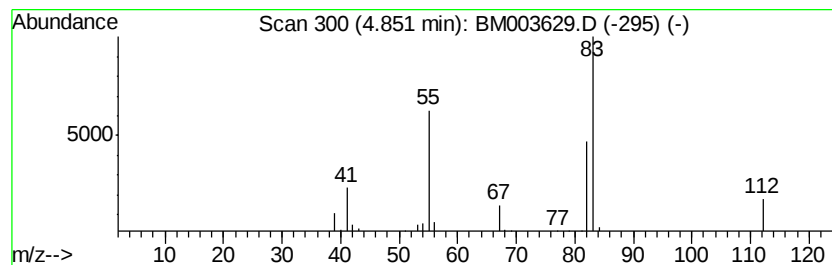
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, ethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	3.41 ng/ul	79085	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
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ClientSampleId :
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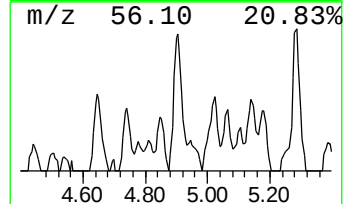
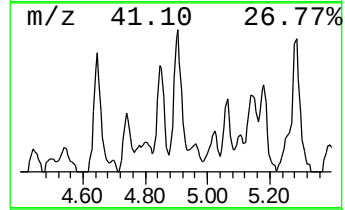
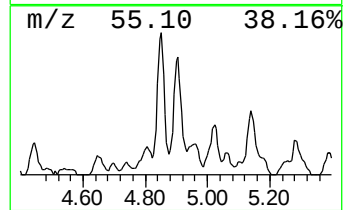
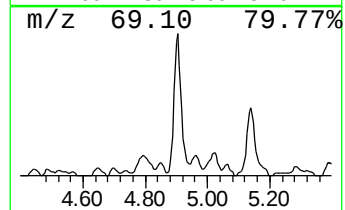
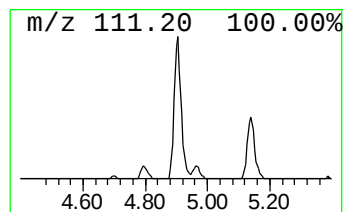
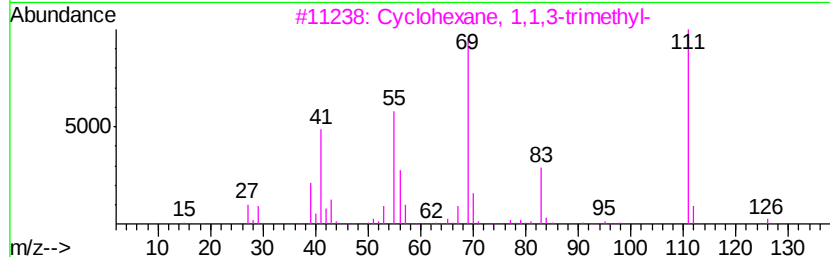
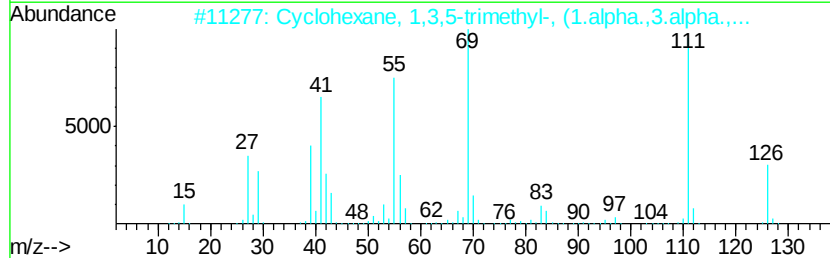
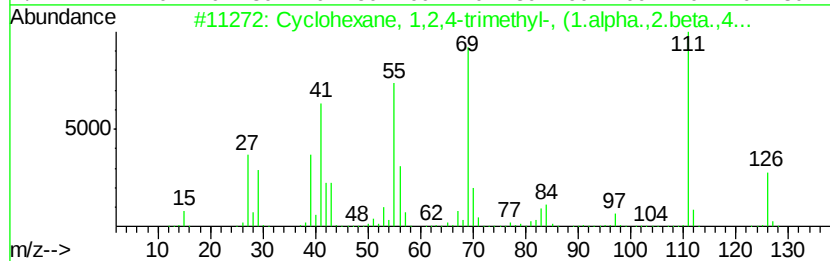
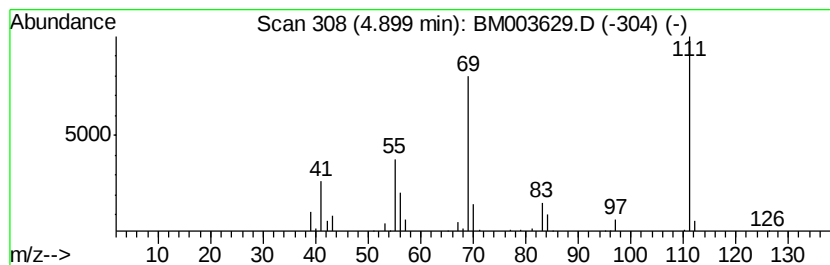
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2,4-trimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	6.09 ng/ul	140989	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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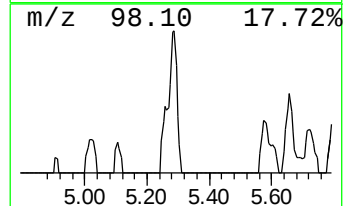
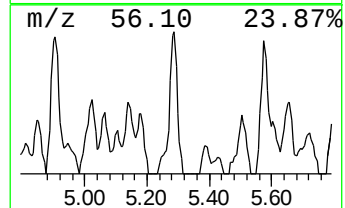
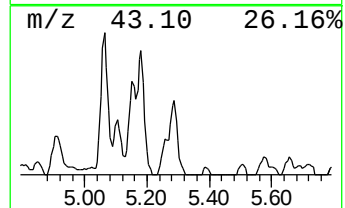
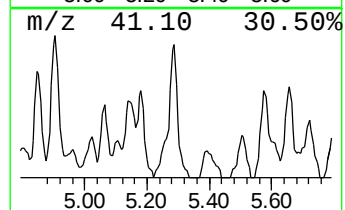
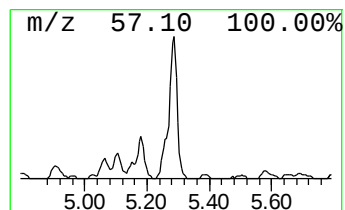
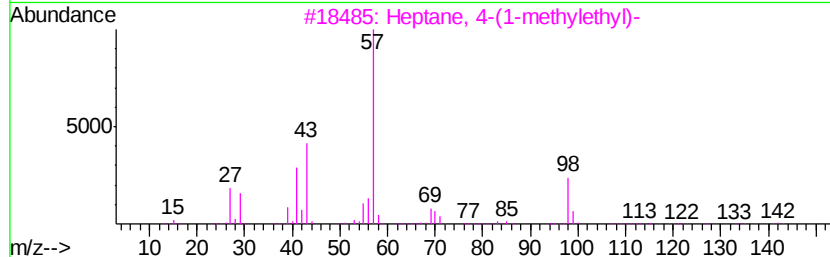
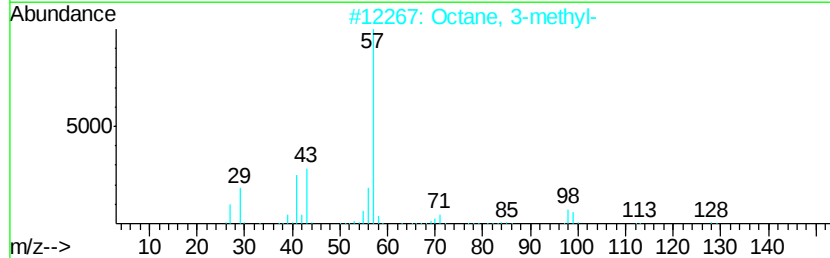
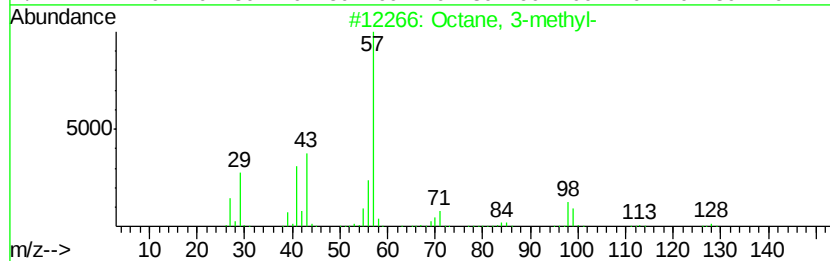
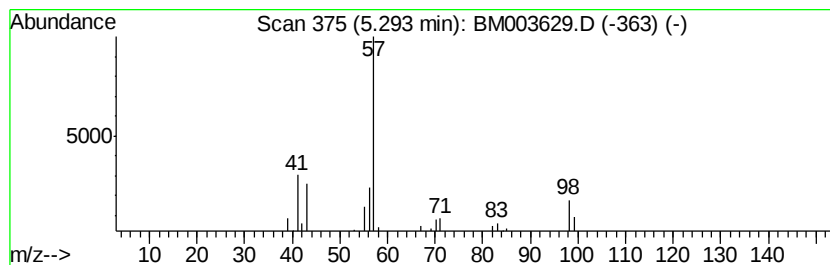
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Branched5.29 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.90 ng/ul	113452	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	78
2		Octane, 3-methyl-	128	C9H20	002216-33-3	59
3		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
4		Octane, 3-methyl-	128	C9H20	002216-33-3	56
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
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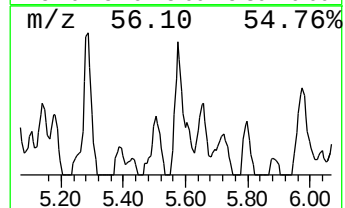
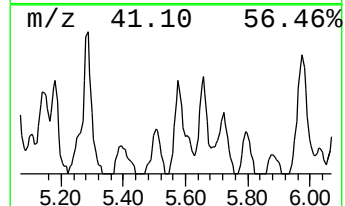
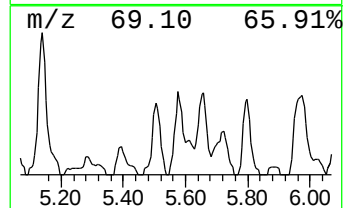
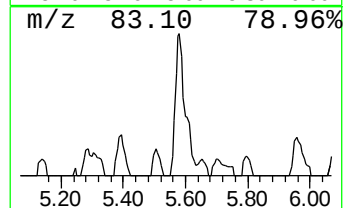
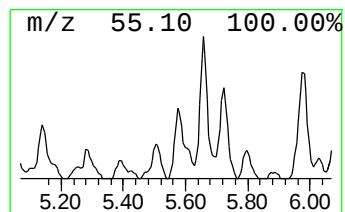
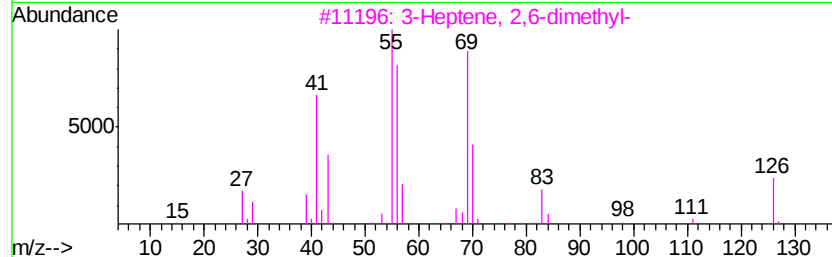
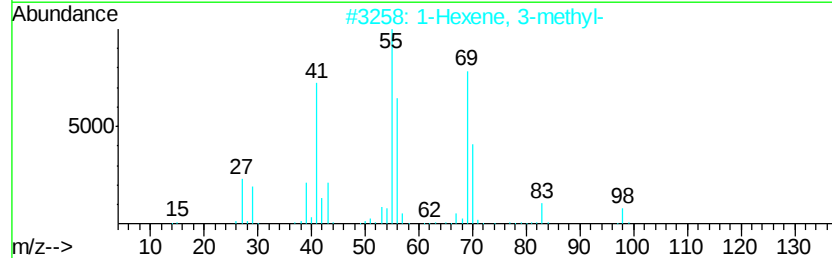
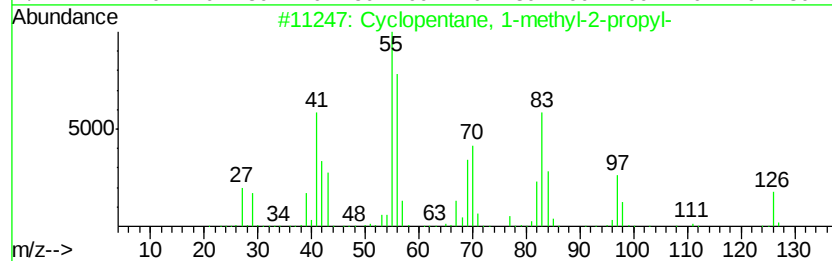
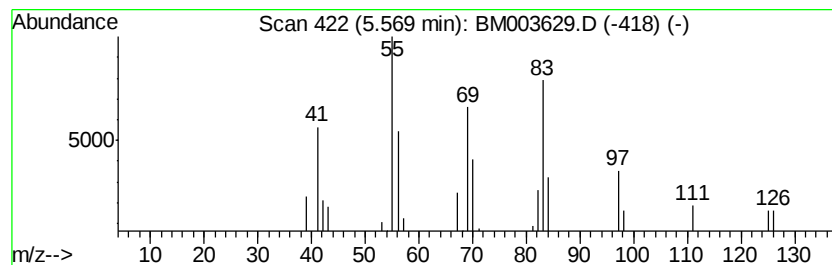
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentane, 1-methyl-2-pr... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	4.80 ng/ul	111140	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	91
2			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
3			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	46
4			1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	46
5			1-Dodecene	168	C12H24	000112-41-4	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
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Instrument :
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ClientSampleId :
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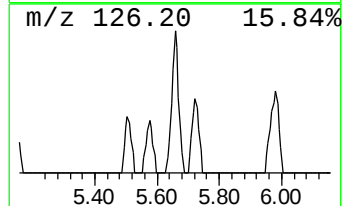
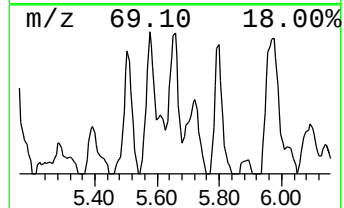
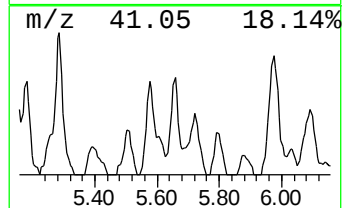
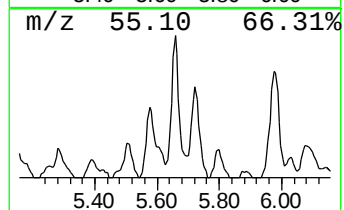
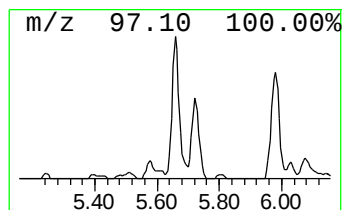
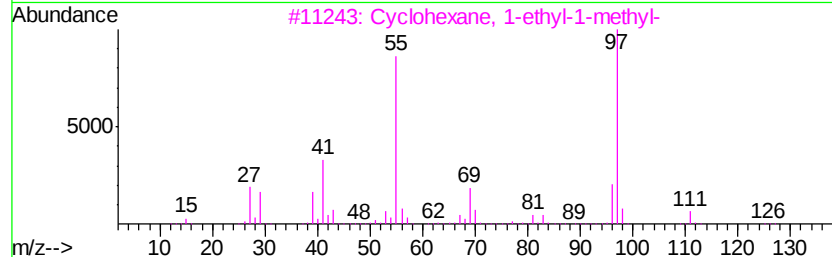
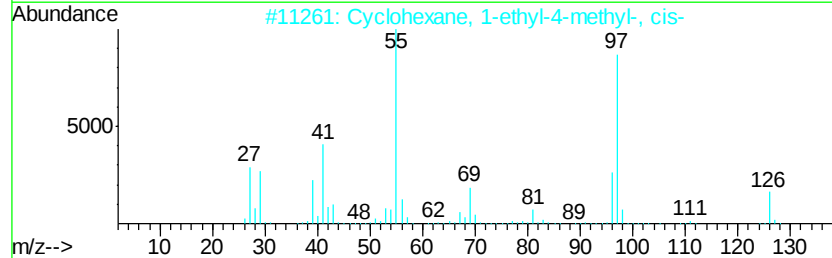
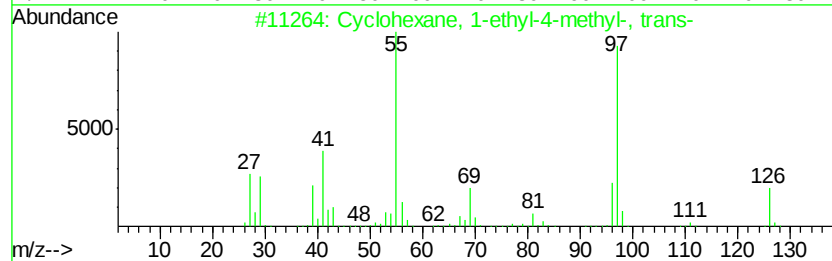
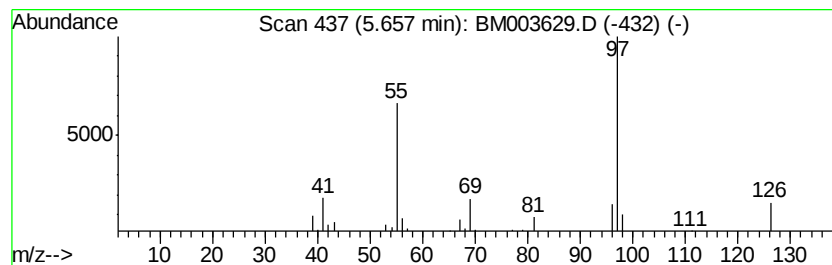
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	3.70 ng/ul	85725	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	78
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	78
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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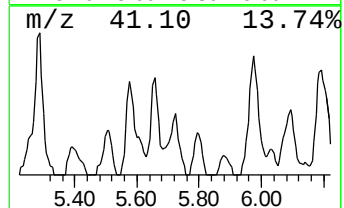
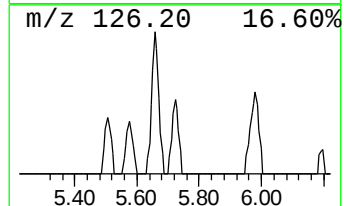
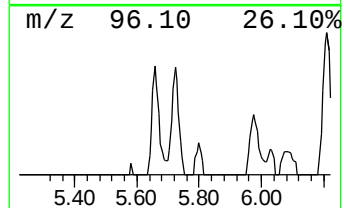
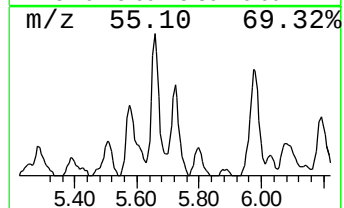
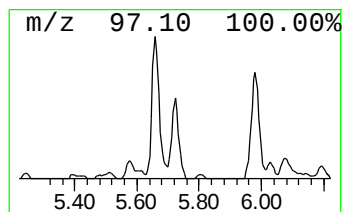
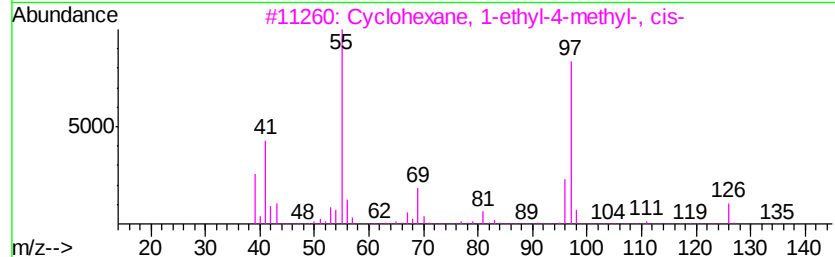
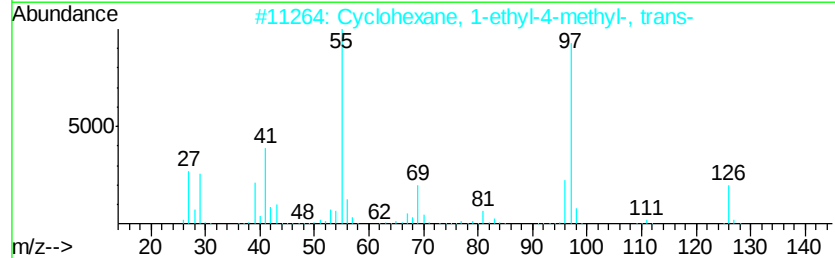
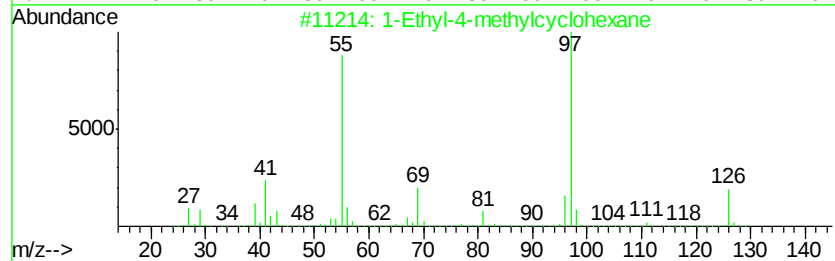
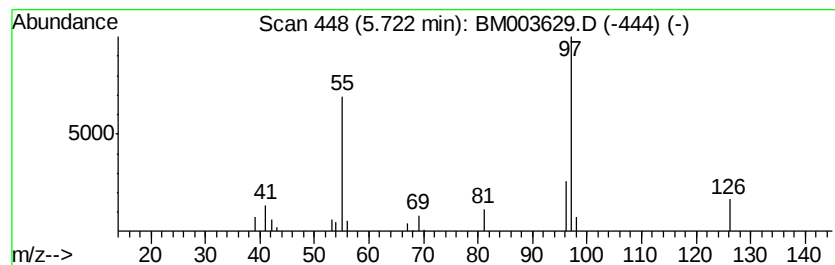
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Ethyl-4-methylcyclohexane Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	2.87 ng/ul	66515	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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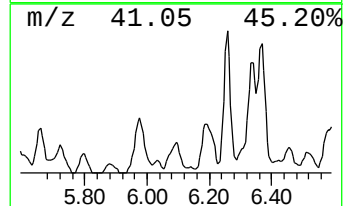
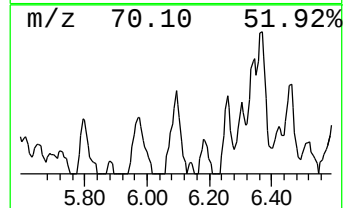
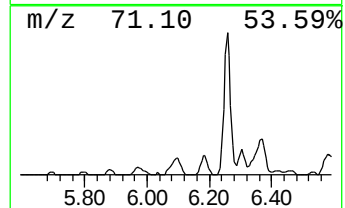
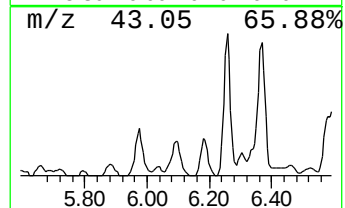
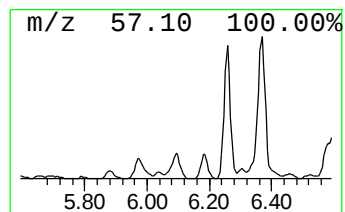
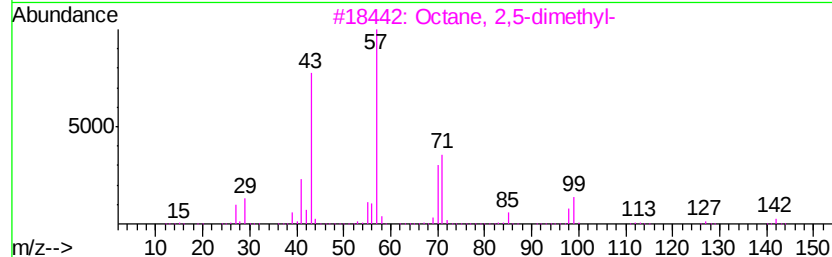
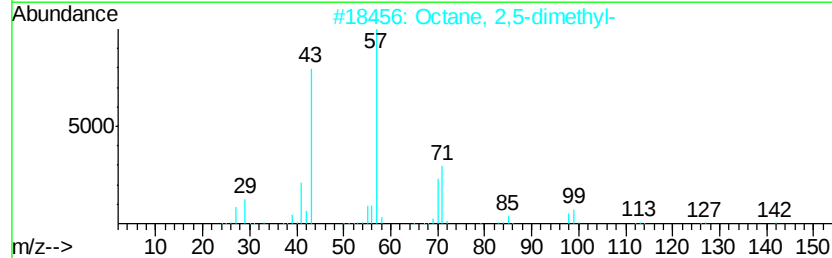
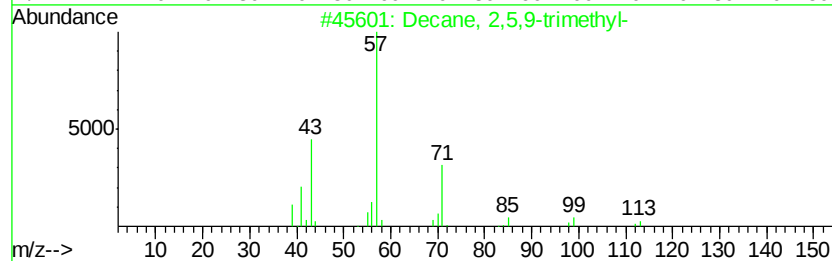
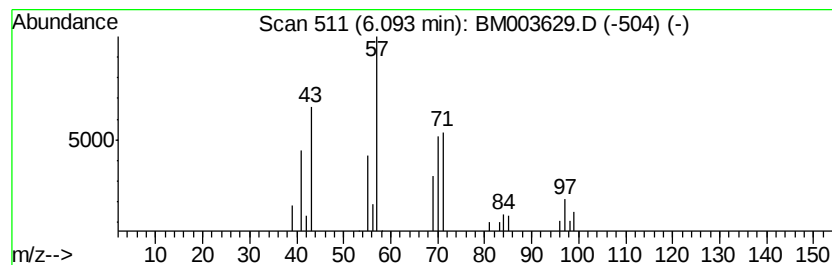
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.79 ng/ul	64656	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
4		1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	35
5		Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	32



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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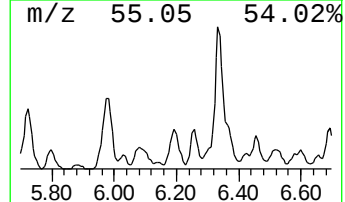
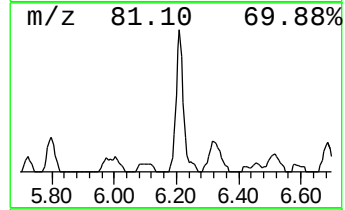
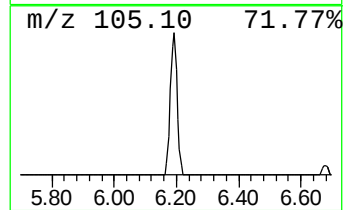
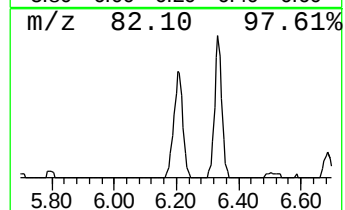
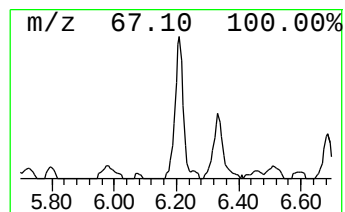
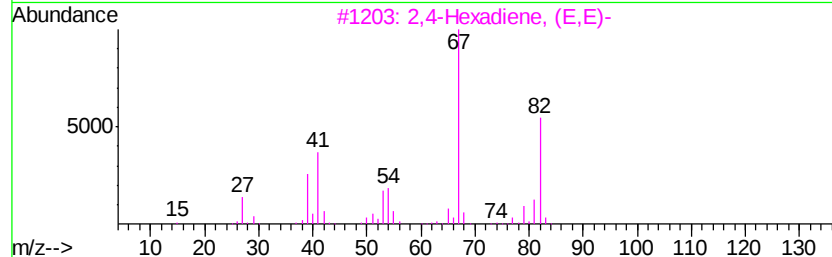
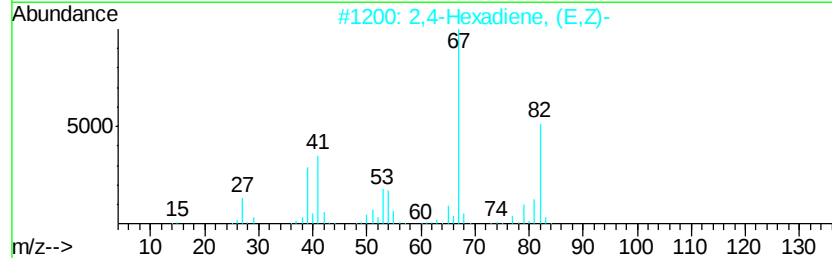
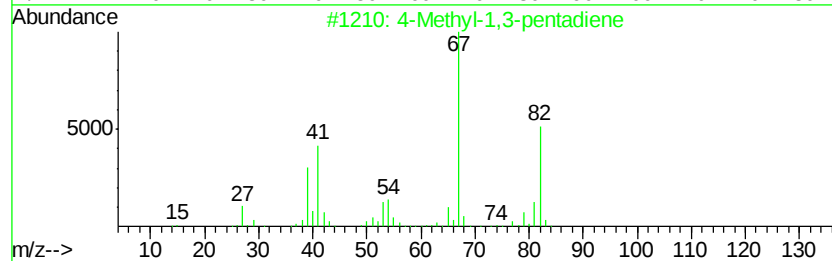
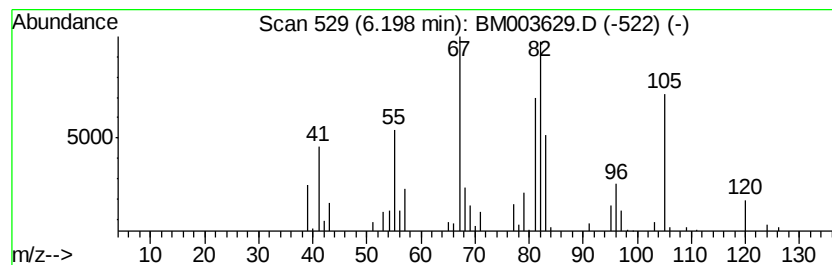
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	7.97 ng/ul	184641	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	46
2		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	46
3		2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
4		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43
5		1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C70

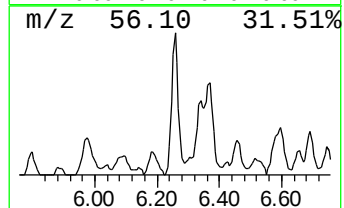
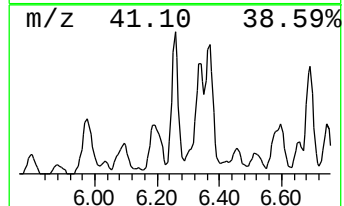
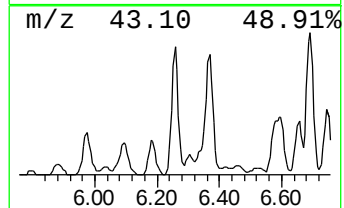
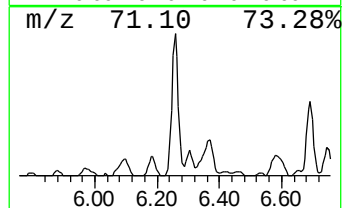
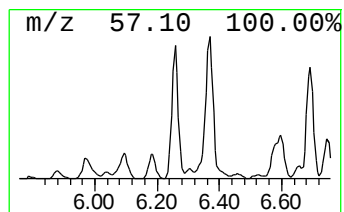
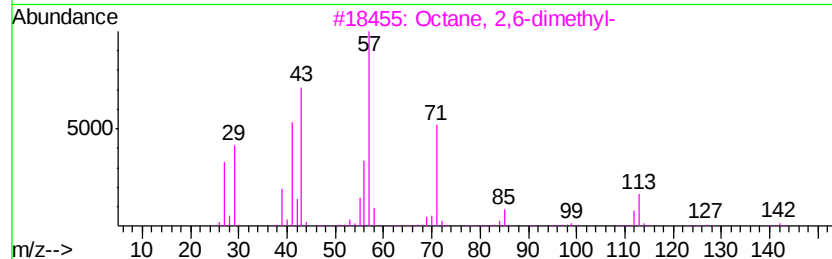
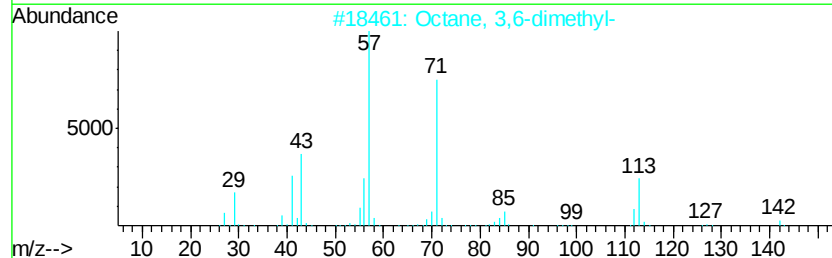
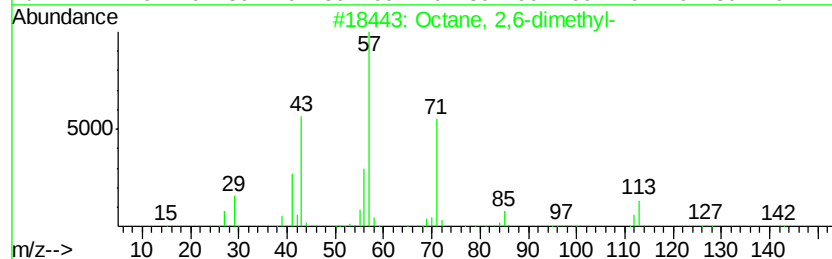
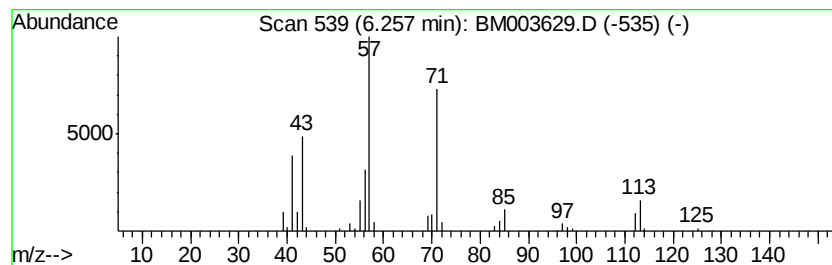
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	7.32 ng/ul	169534	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
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ClientSampleId :
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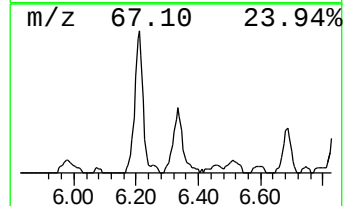
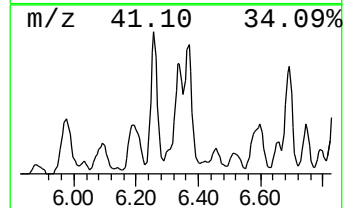
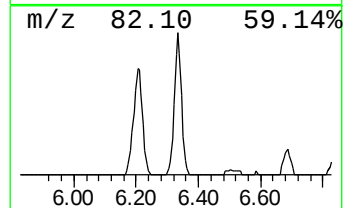
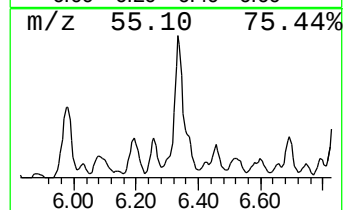
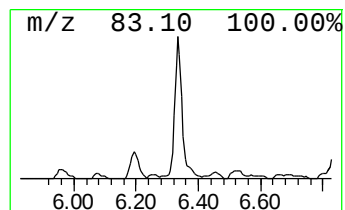
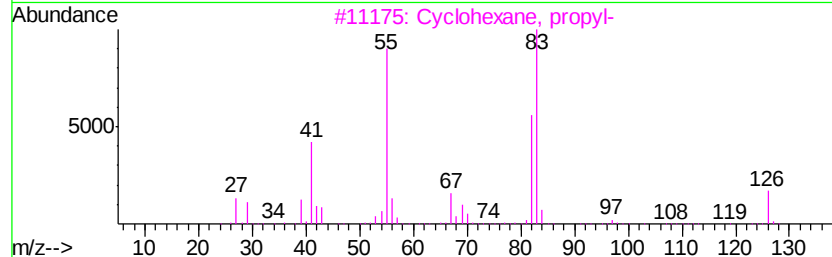
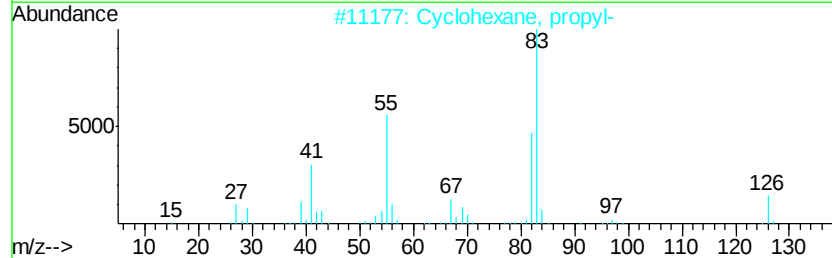
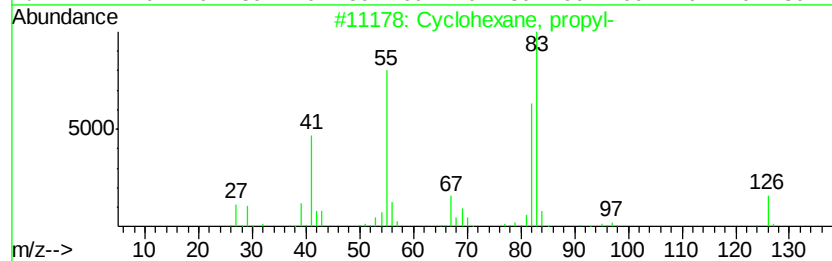
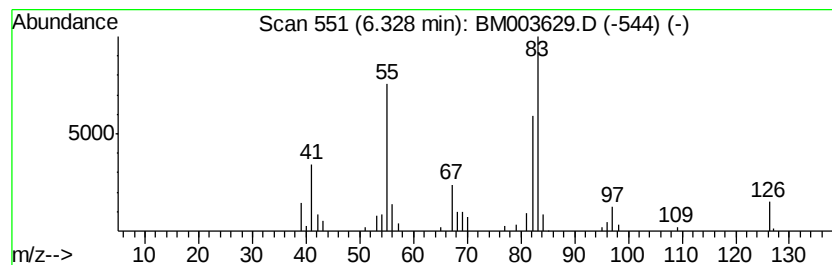
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclohexane, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	9.28 ng/ul	215042	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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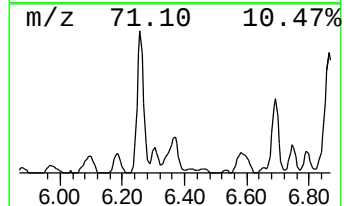
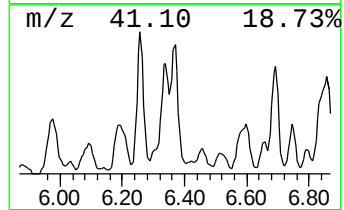
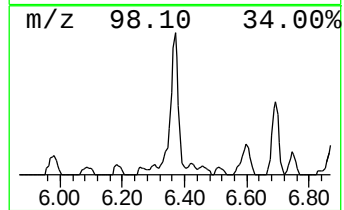
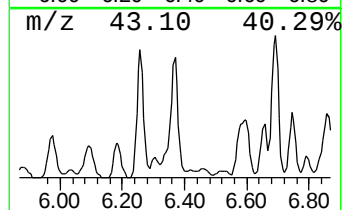
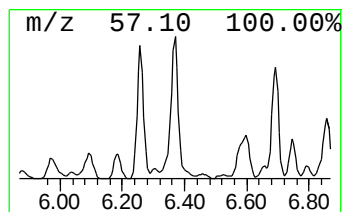
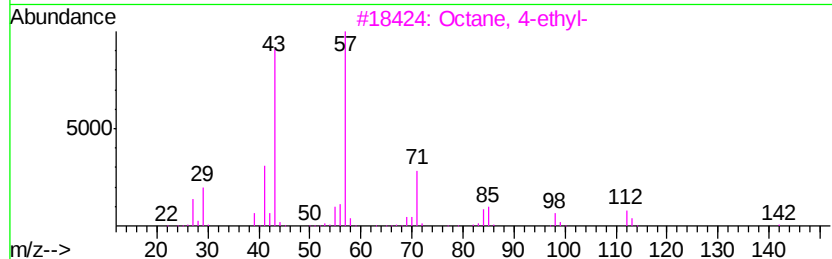
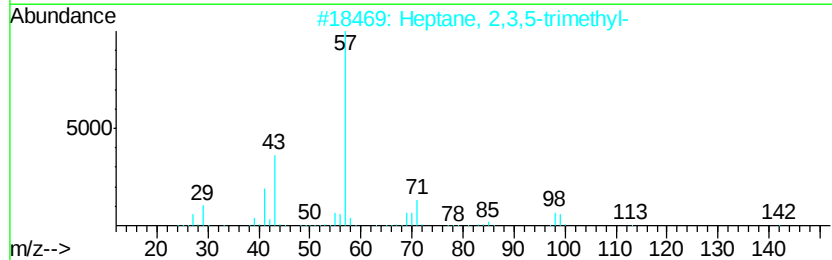
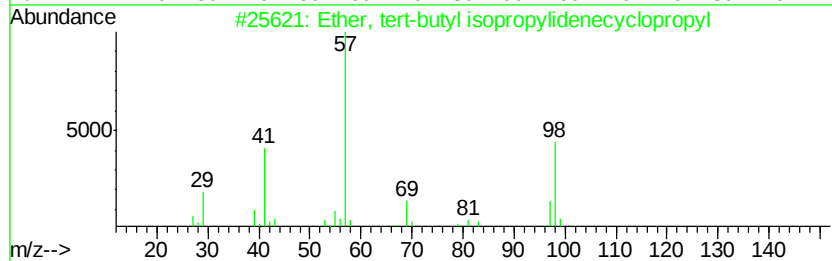
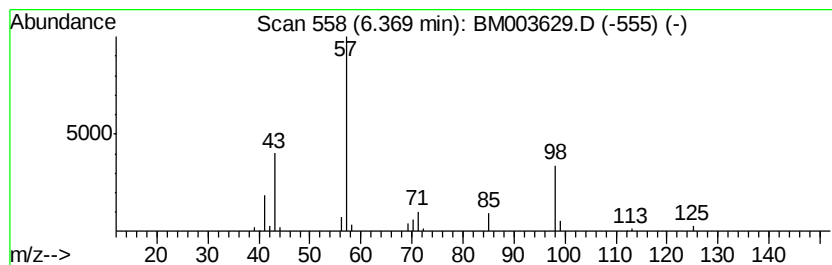
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	7.23 ng/ul	167370	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	47
2			Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	47
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
5			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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Sample : G4801-22
Misc :
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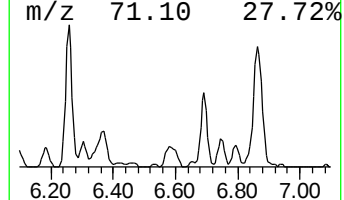
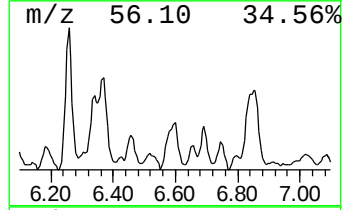
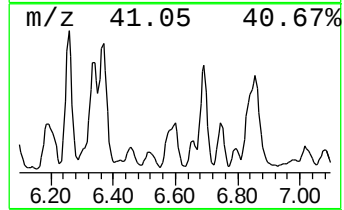
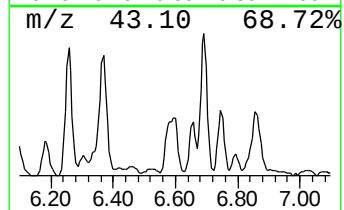
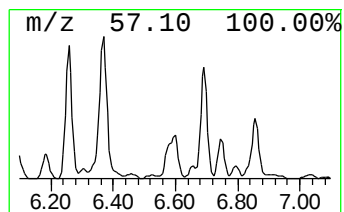
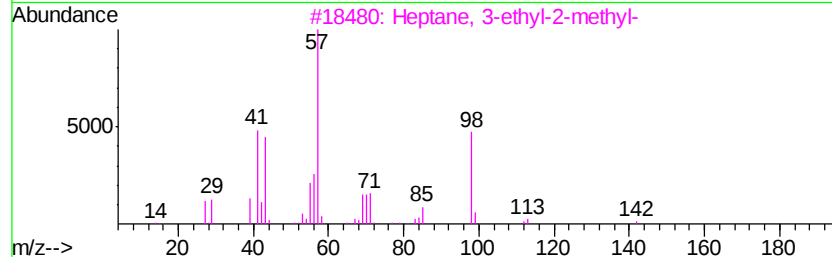
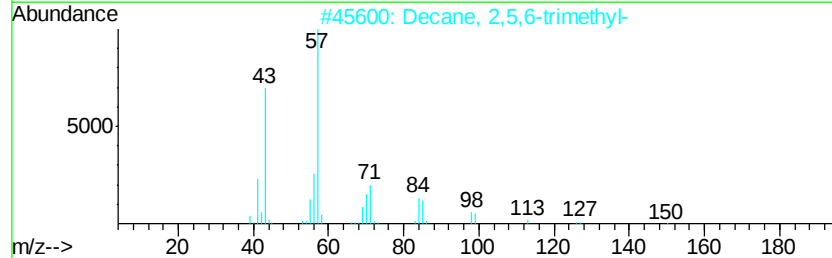
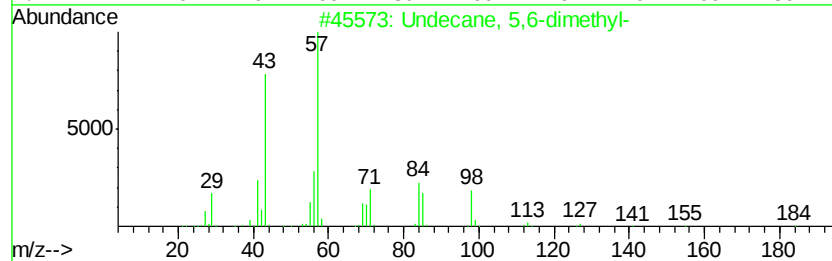
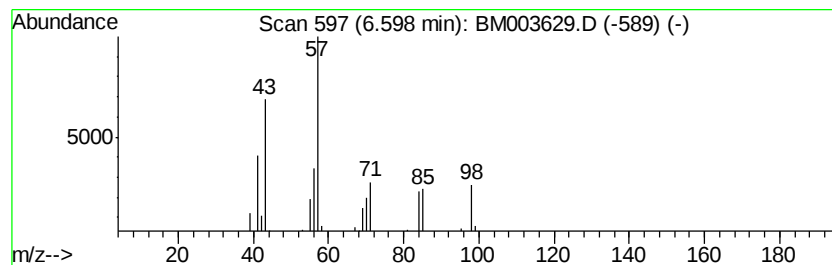
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	4.61 ng/ul	106664	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	47
5			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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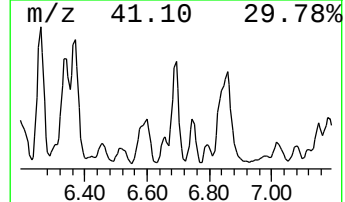
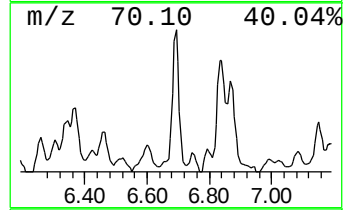
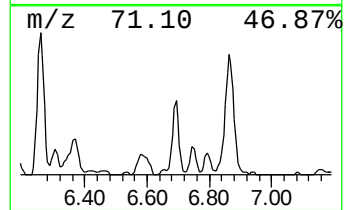
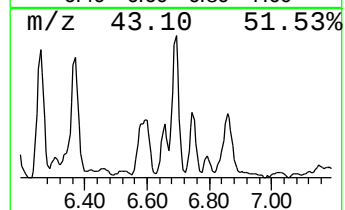
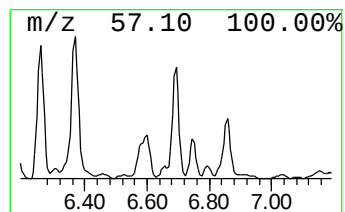
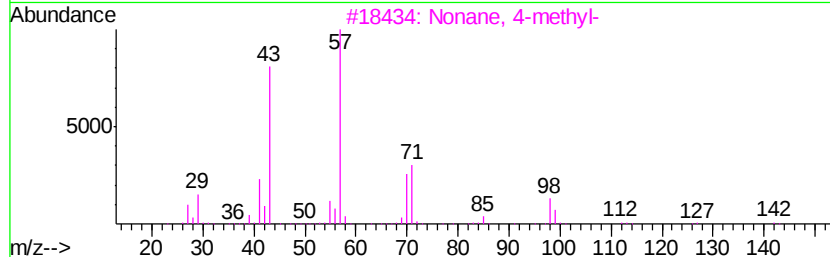
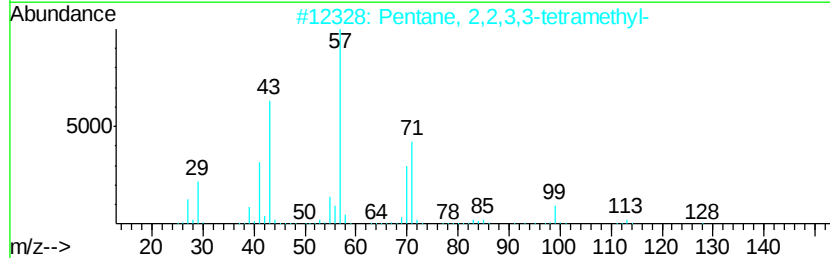
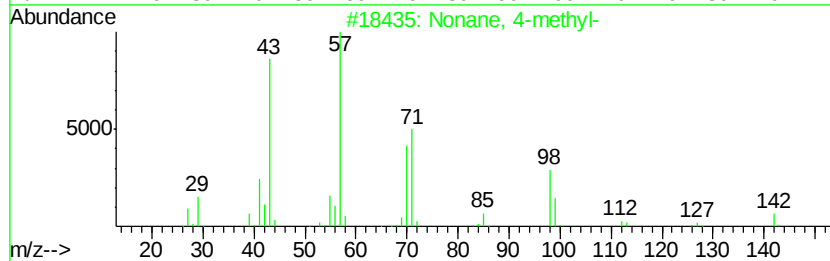
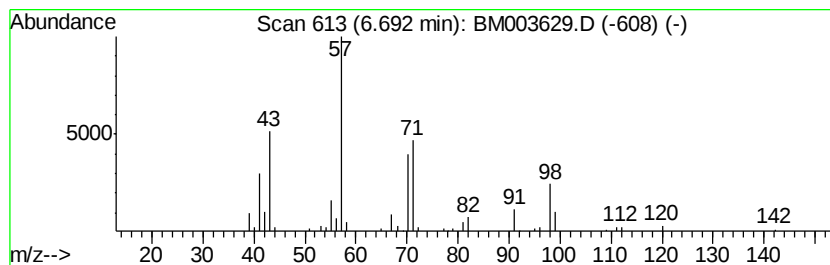
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	9.07 ng/ul	209986	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	47
4		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	47
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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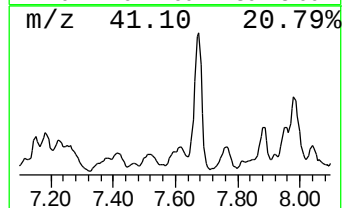
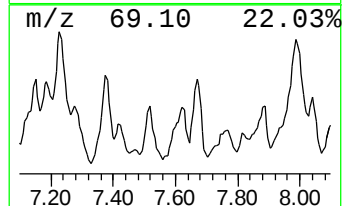
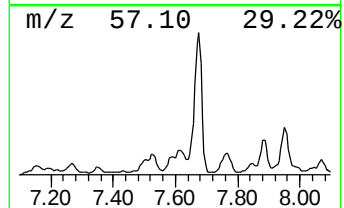
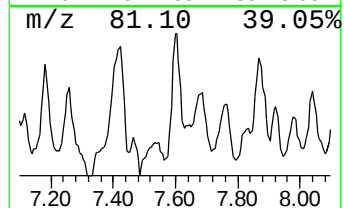
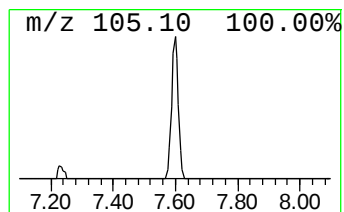
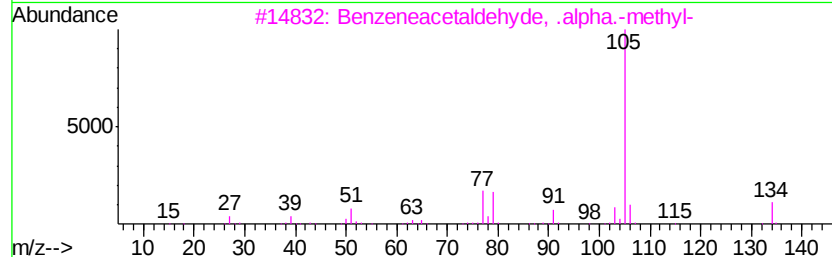
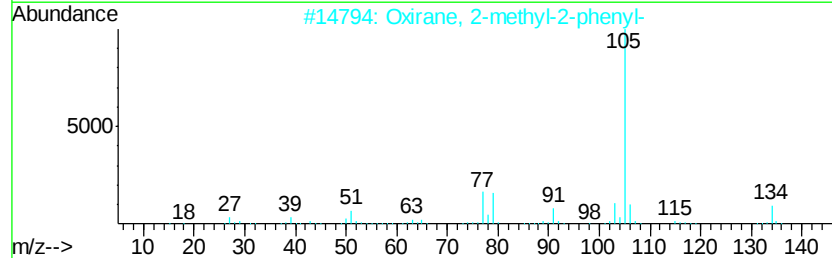
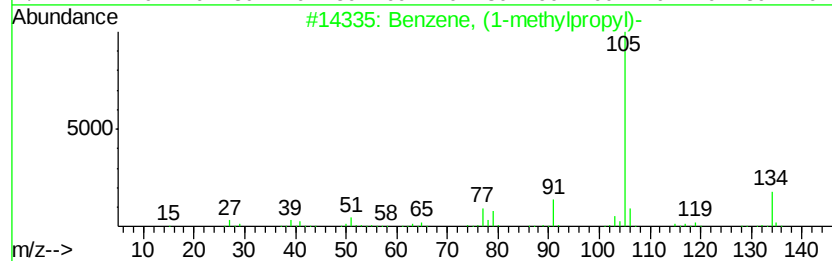
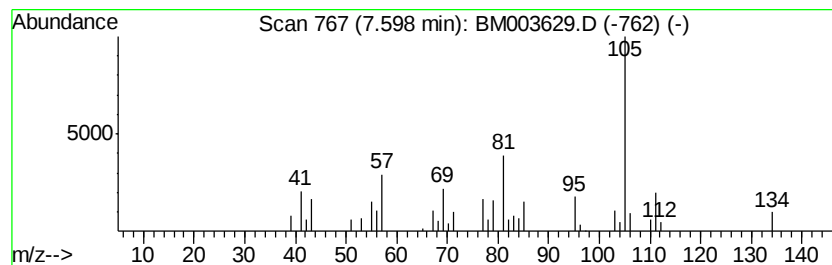
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.83 ng/ul	88746	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
2			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
4			2-Tolyloxirane	134	C9H10O	002783-26-8	22
5			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
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Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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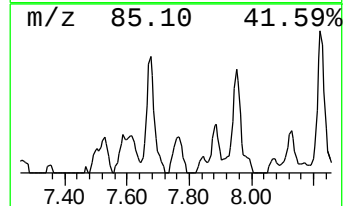
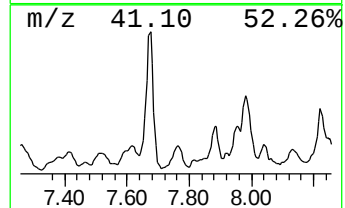
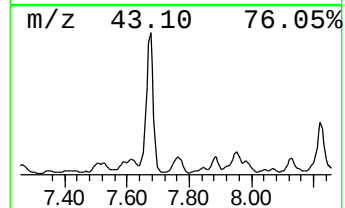
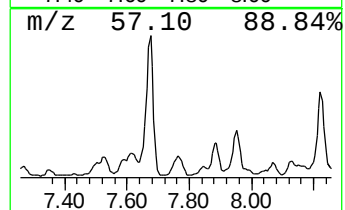
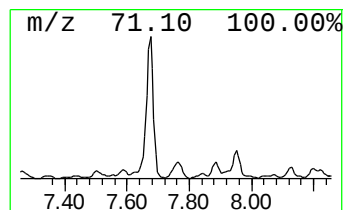
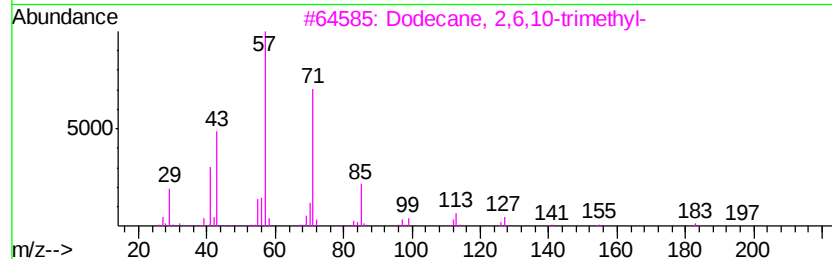
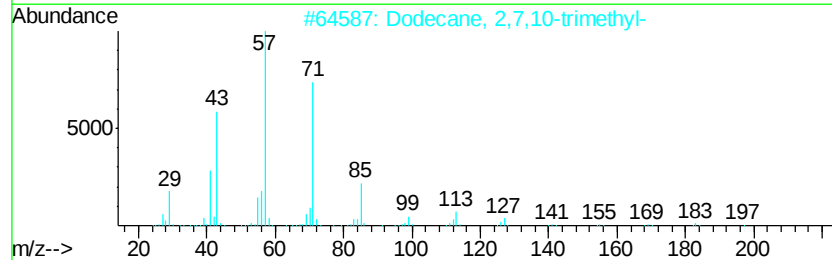
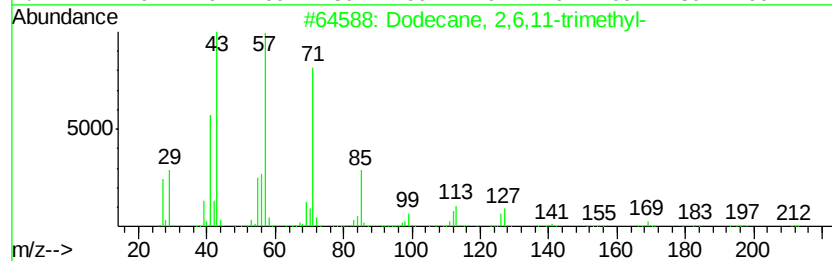
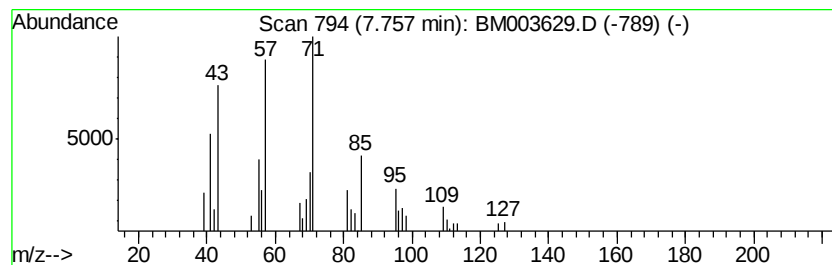
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.81 ng/ul	65013	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5			2,6-Dimethyldecane	170	C12H26	013150-81-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C70

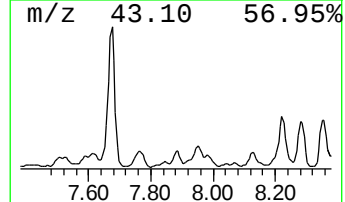
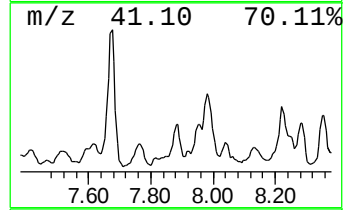
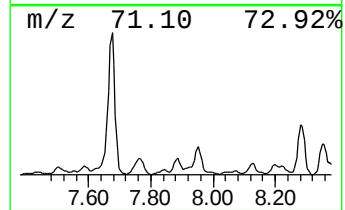
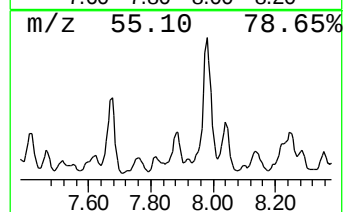
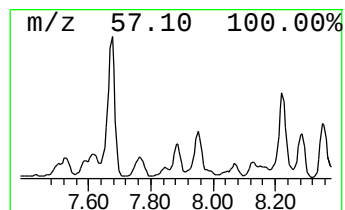
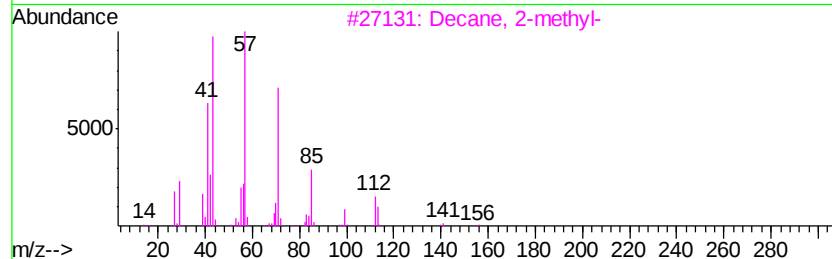
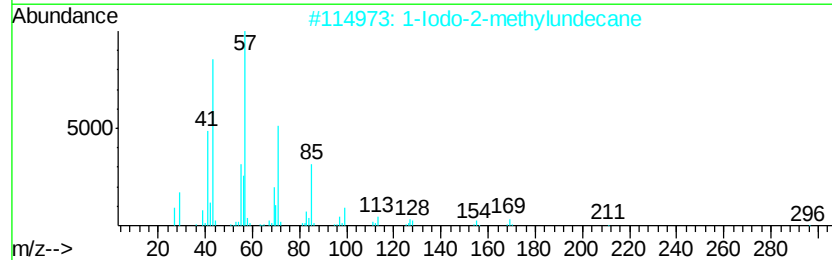
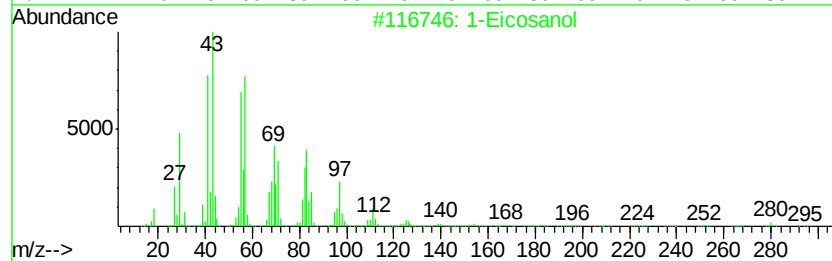
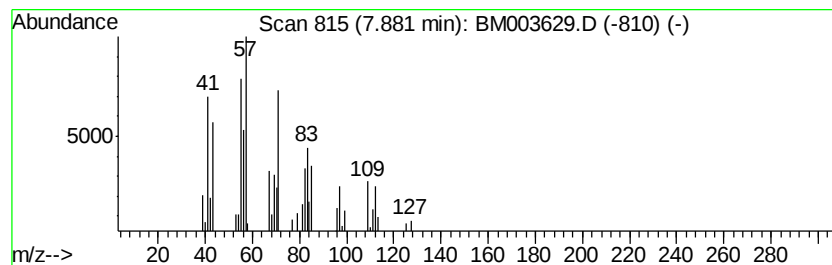
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Branched7.88 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	2.88 ng/ul	66745	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosanol	298	C20H42O	000629-96-9	43
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	35
3			Decane, 2-methyl-	156	C11H24	006975-98-0	27
4			Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	25
5			(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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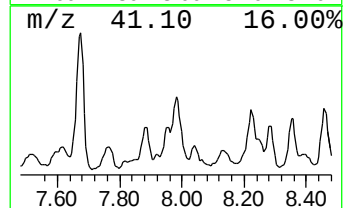
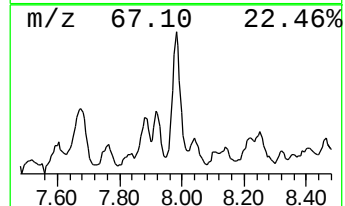
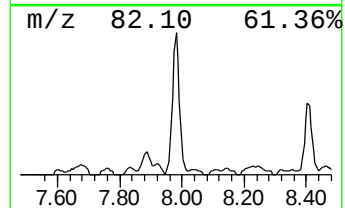
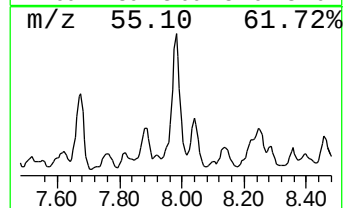
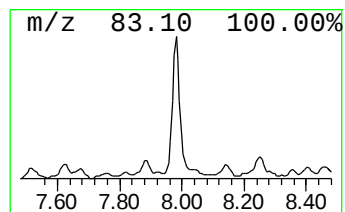
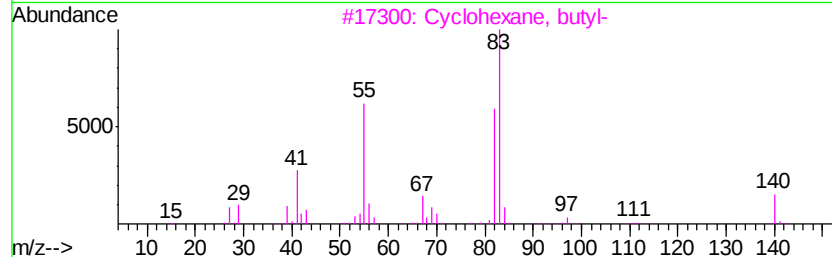
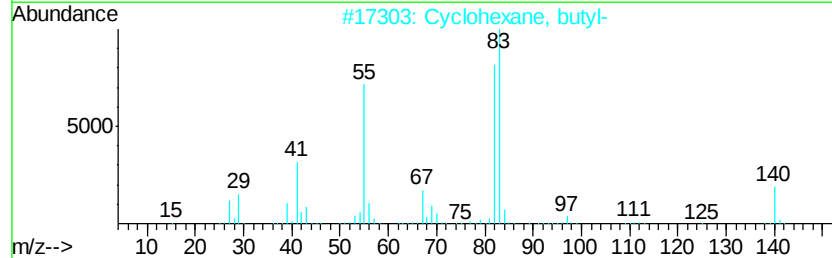
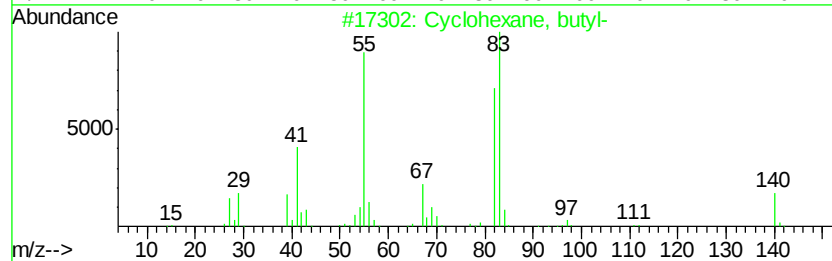
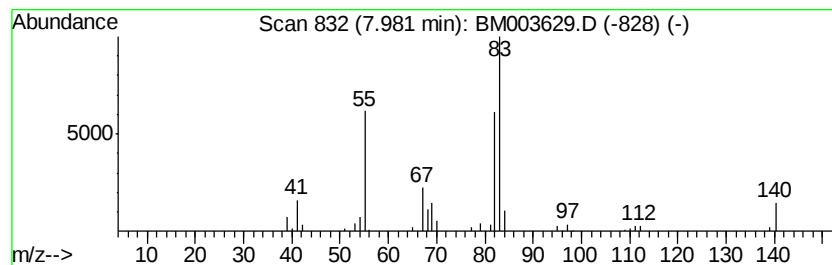
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	7.00 ng/ul	162044	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	78
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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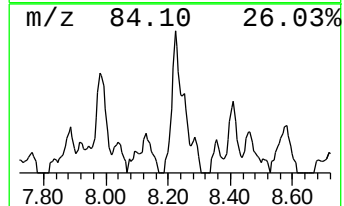
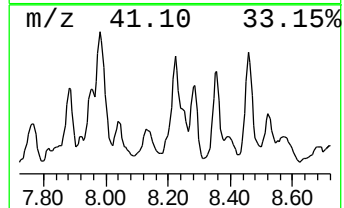
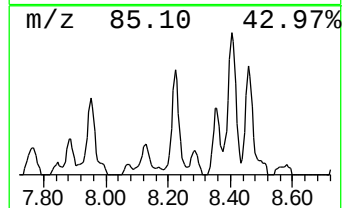
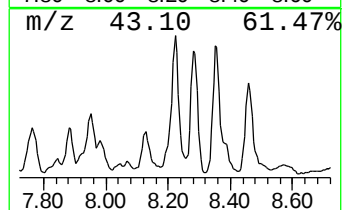
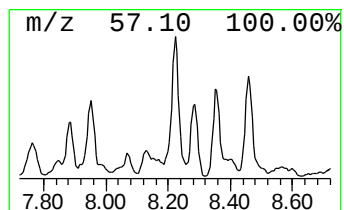
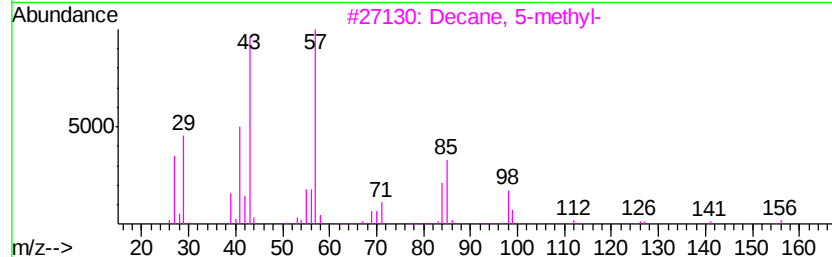
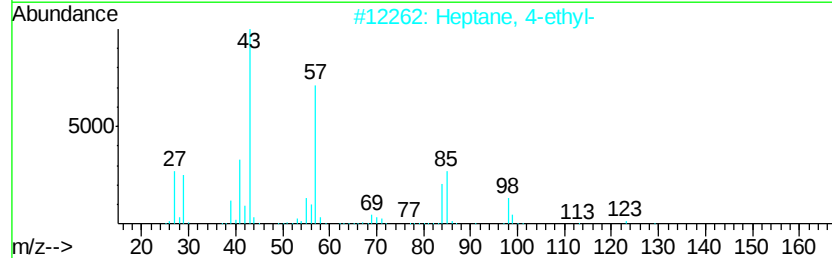
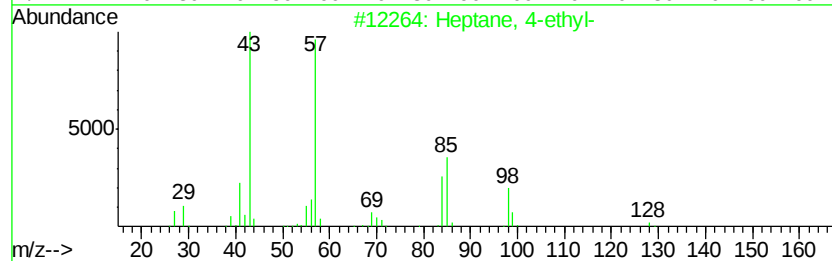
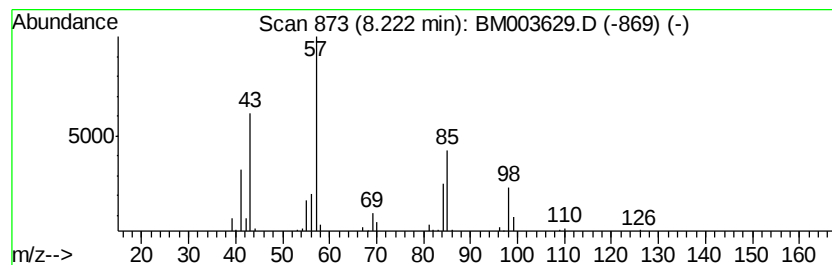
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	3.85 ng/ul	89149	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
3		Decane, 5-methyl-	156	C11H24	013151-35-4	72
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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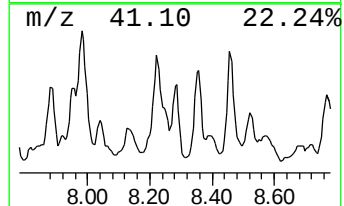
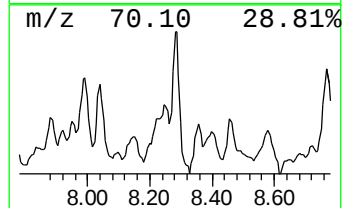
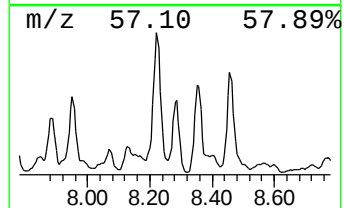
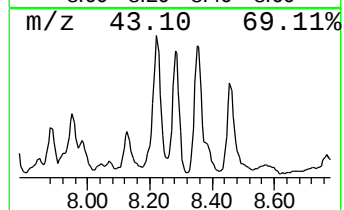
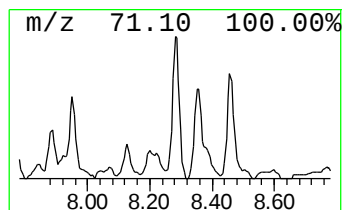
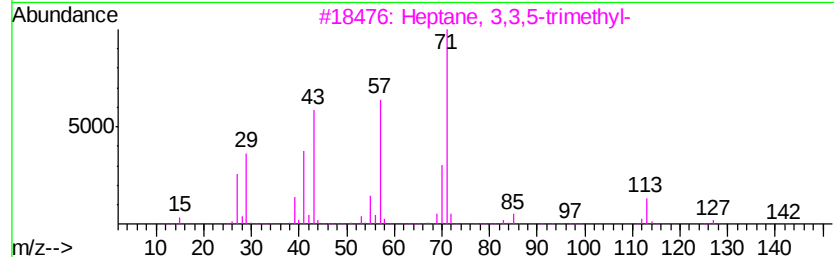
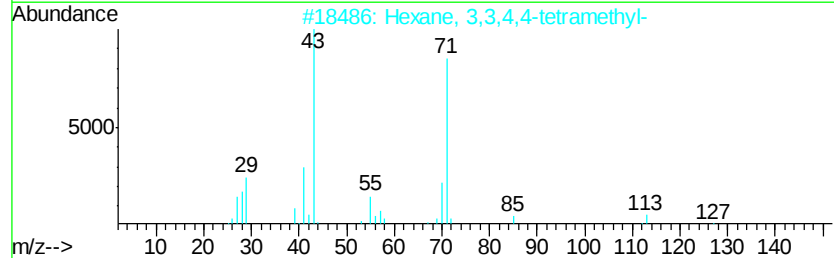
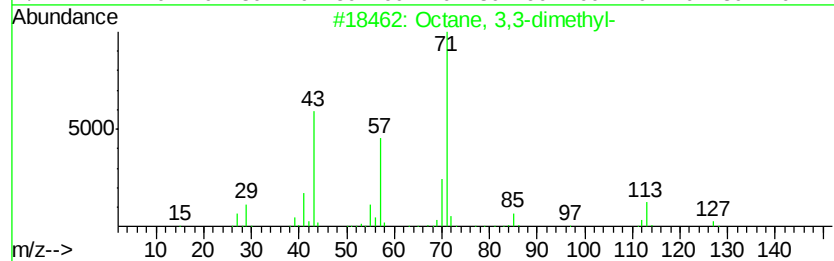
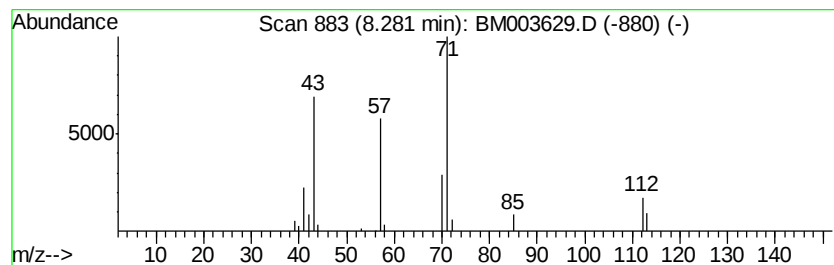
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	3.58 ng/ul	82854	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2			Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	78
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	72
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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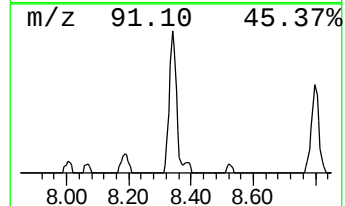
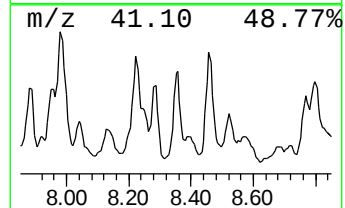
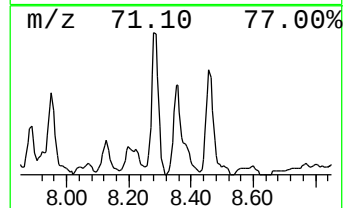
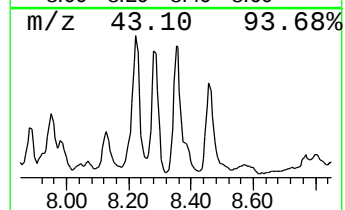
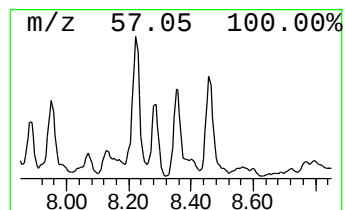
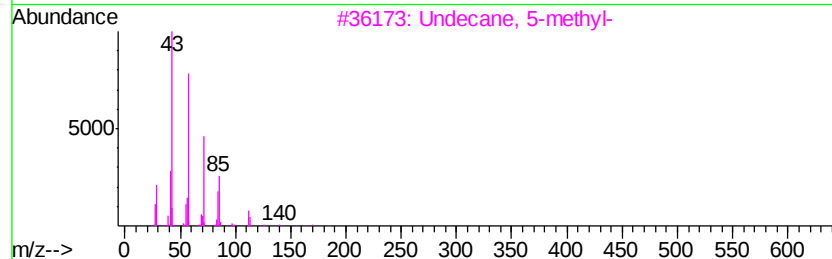
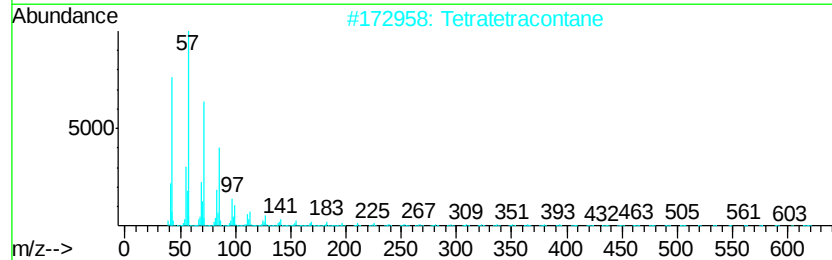
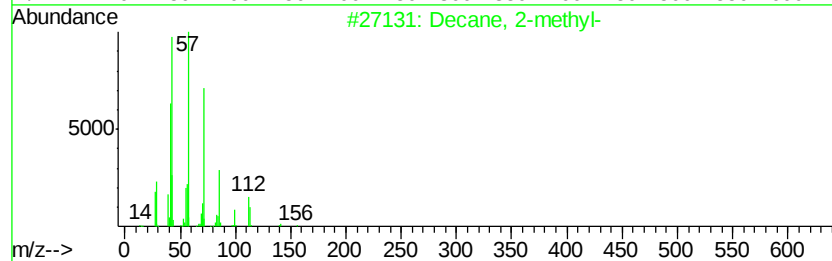
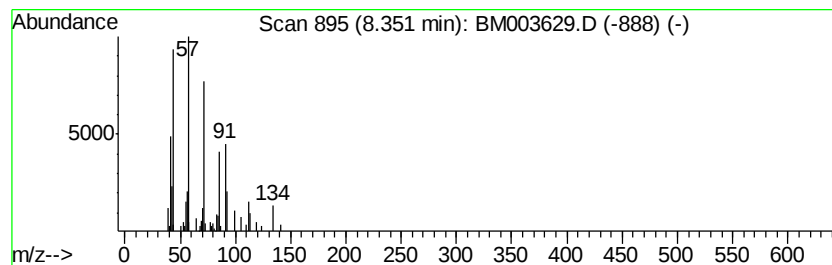
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic8.35 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.40 ng/ul	125129	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	72
2			Tetratetracontane	619	C44H90	007098-22-8	59
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4			Decane, 2-methyl-	156	C11H24	006975-98-0	59
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampled :
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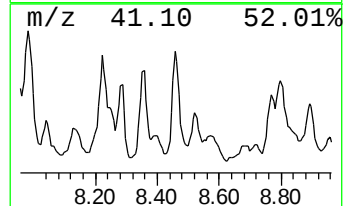
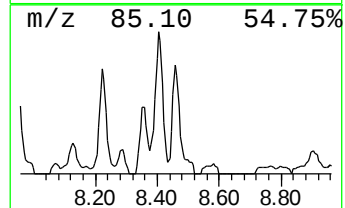
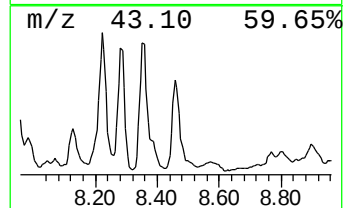
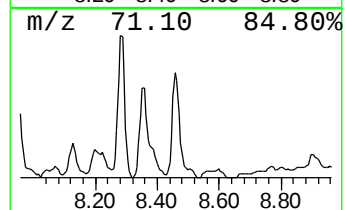
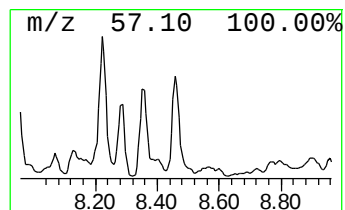
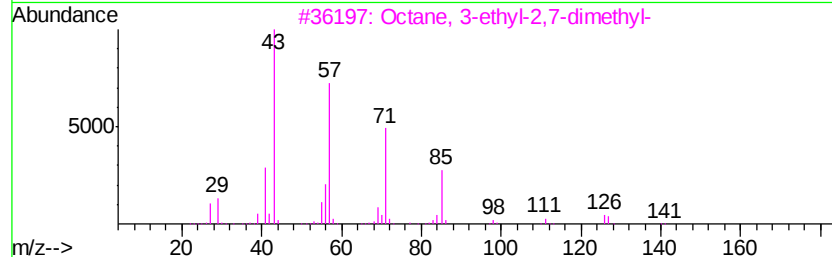
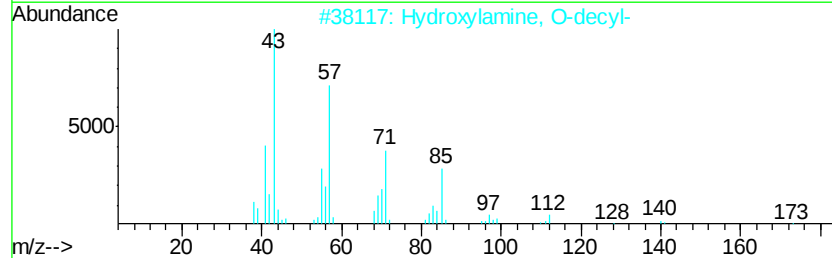
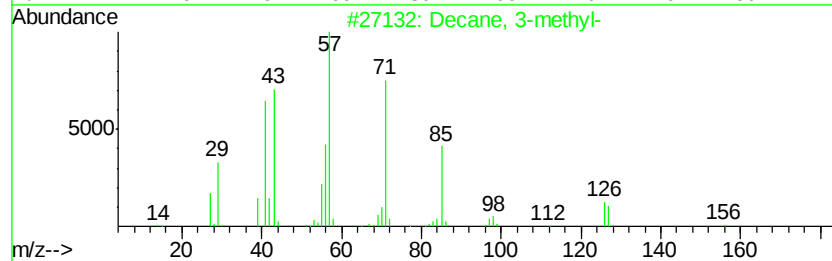
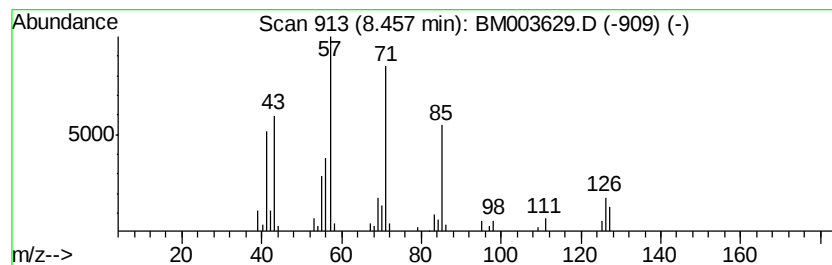
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	3.83 ng/ul	88653	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C70

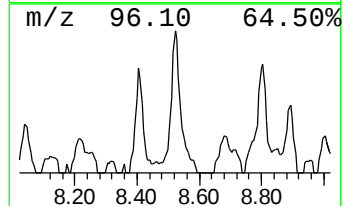
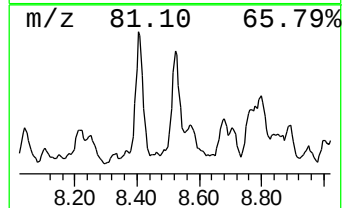
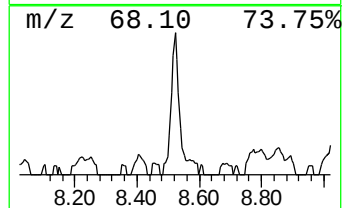
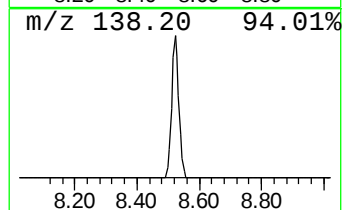
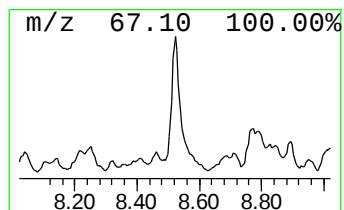
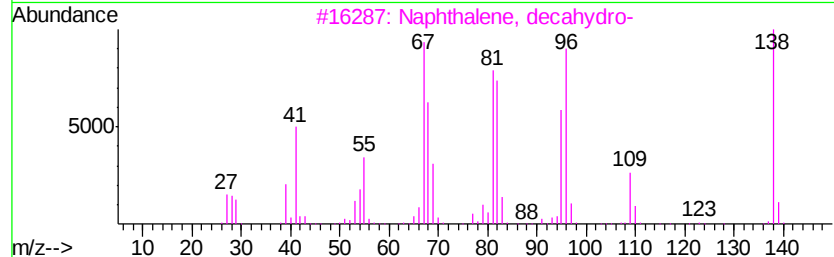
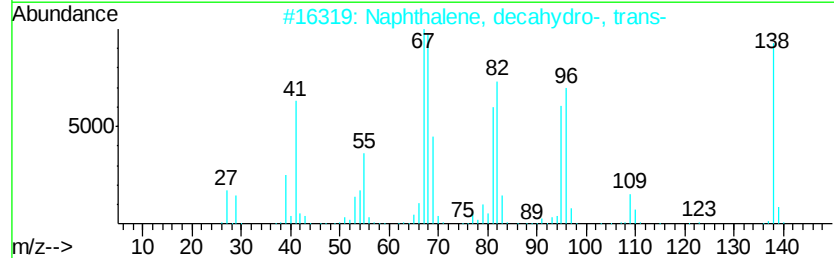
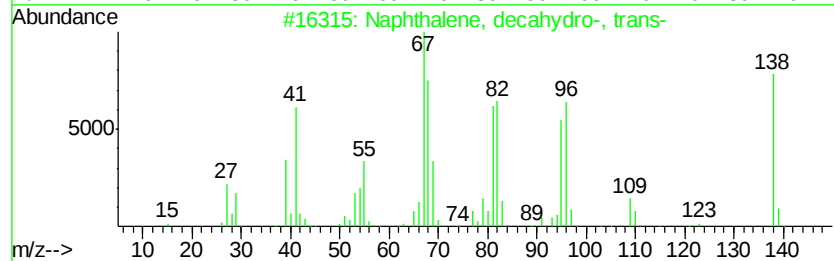
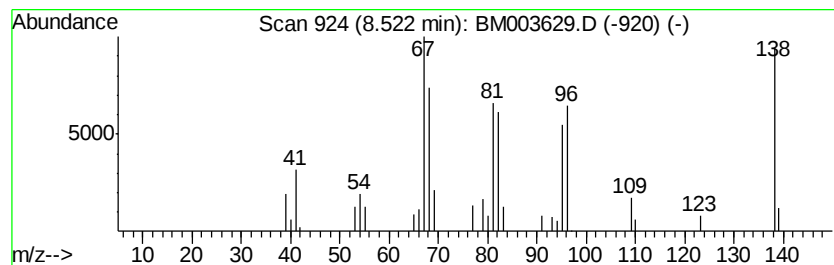
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, decahydro-, tr... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.93 ng/ul	67975	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
4			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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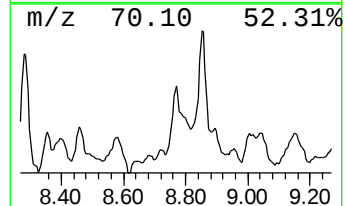
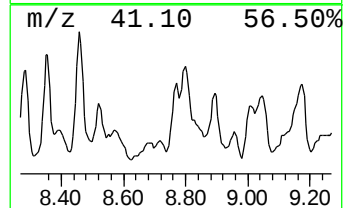
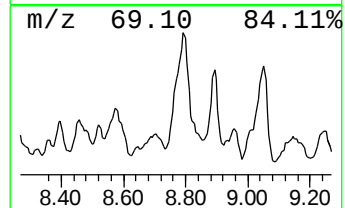
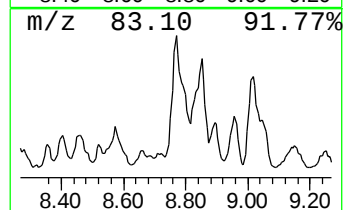
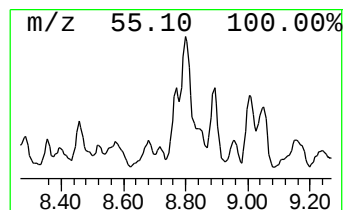
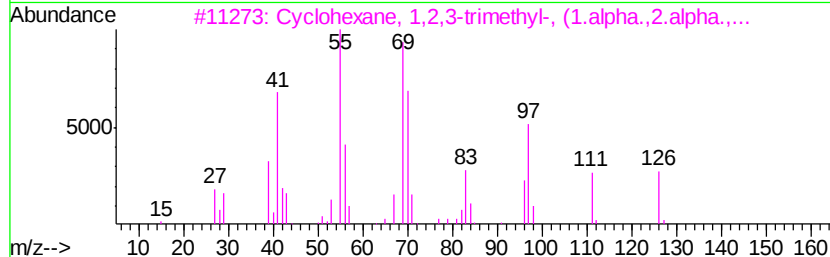
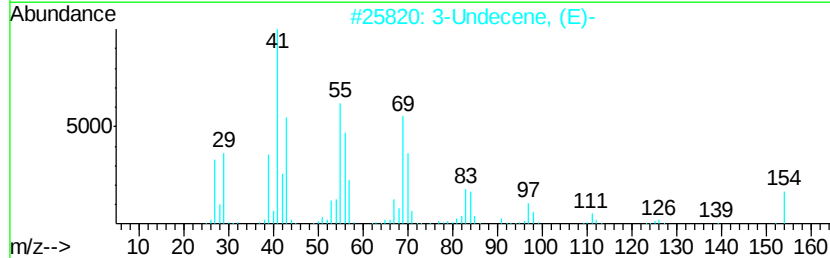
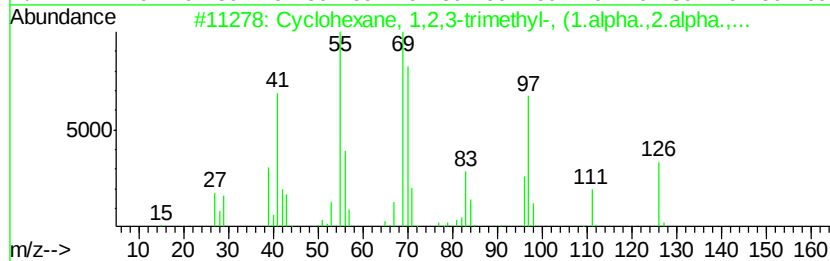
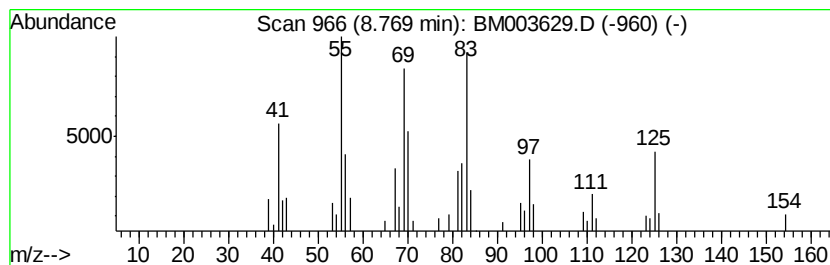
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-04 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.23 ng/ul	74748	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	49
2			3-Undecene, (E)-	154	C11H22	001002-68-2	49
3			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	49
4			Cyclooctane, methyl-	126	C9H18	001502-38-1	46
5			7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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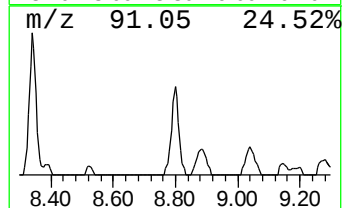
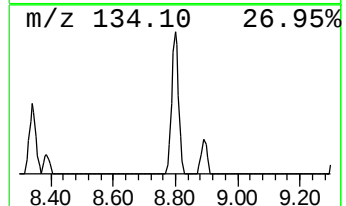
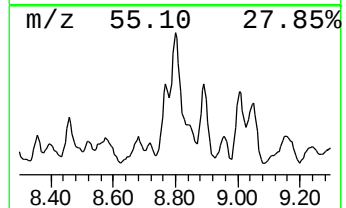
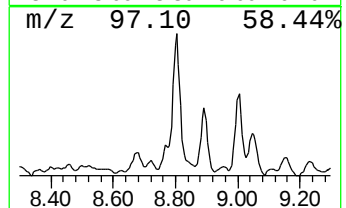
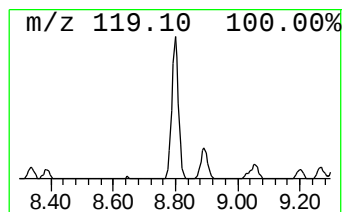
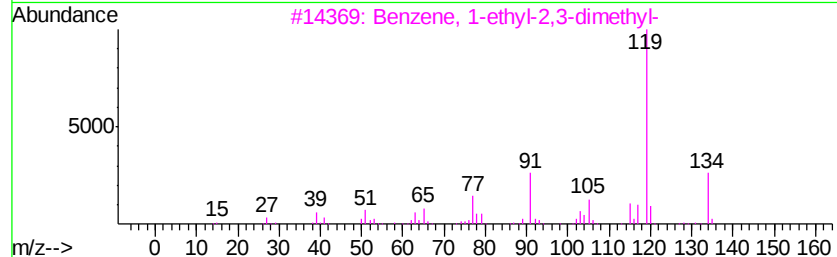
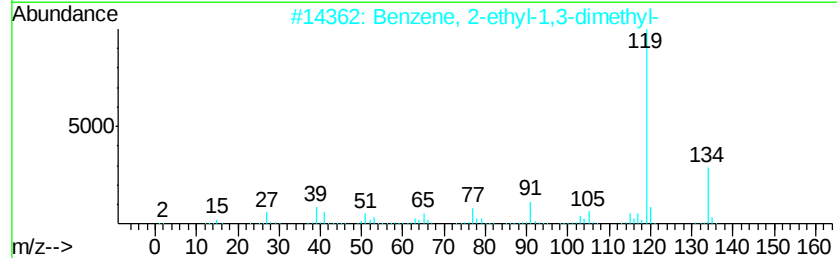
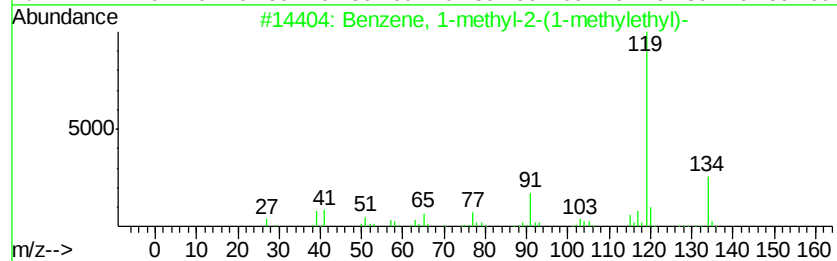
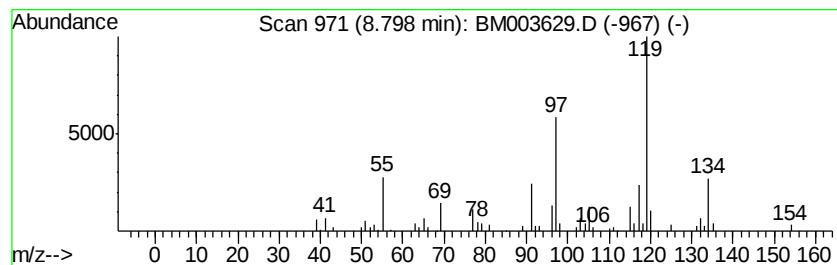
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	7.37 ng/ul	170755	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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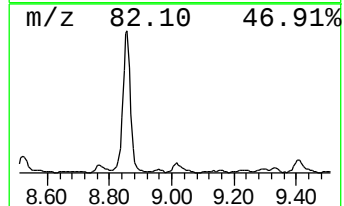
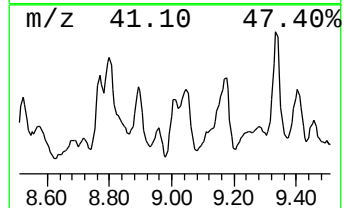
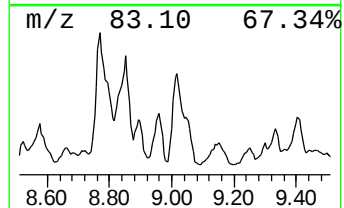
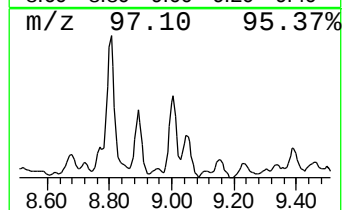
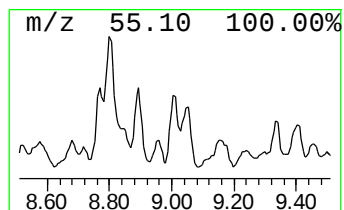
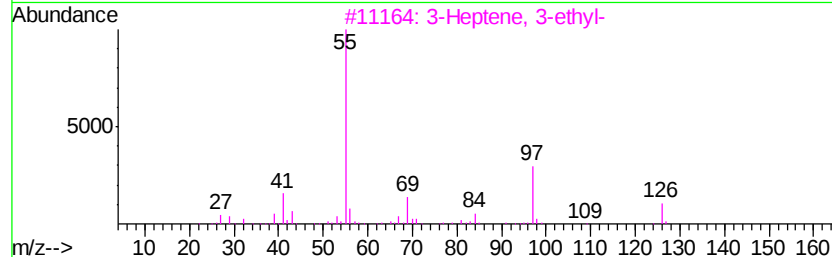
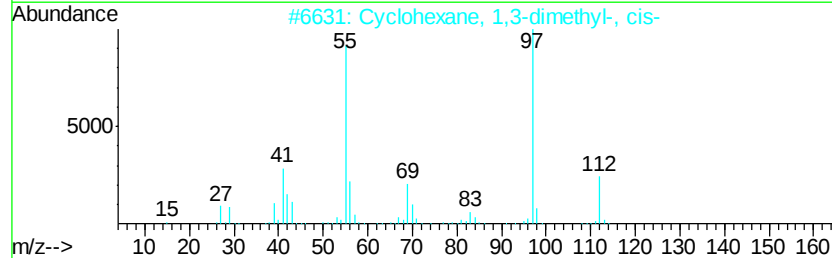
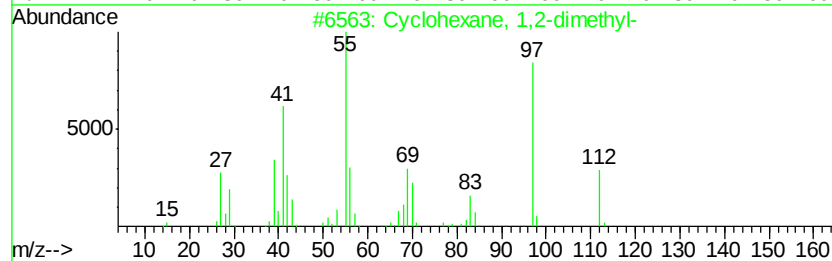
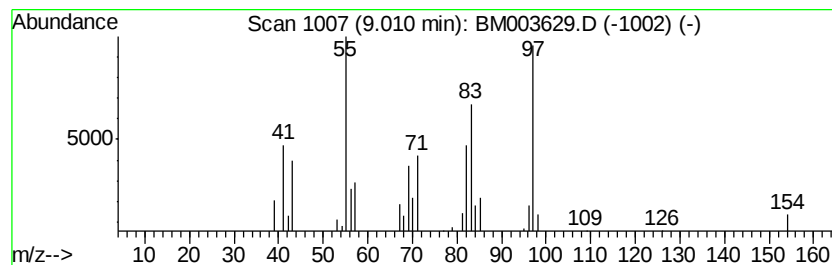
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-05 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.44 ng/ul	79776	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	35
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	35
3			3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	30
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	27
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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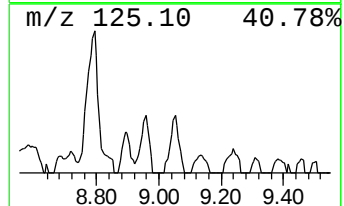
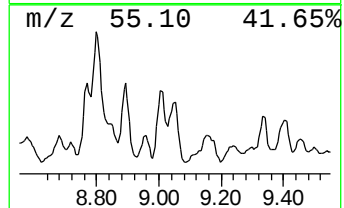
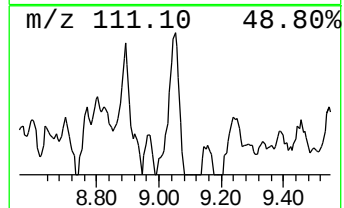
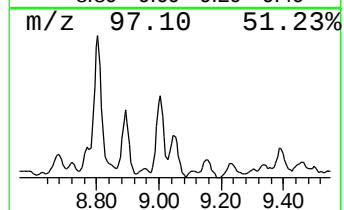
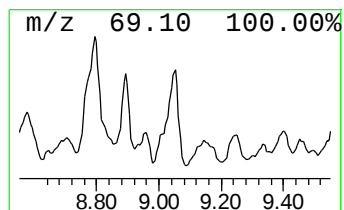
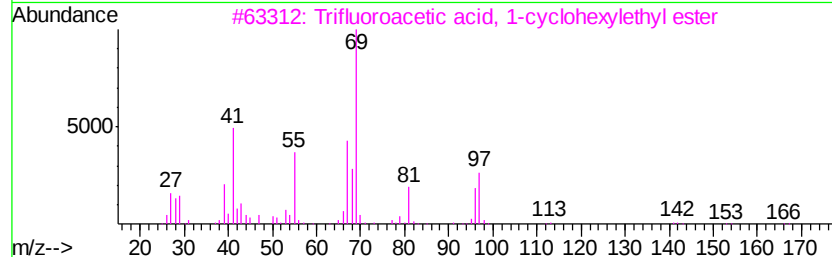
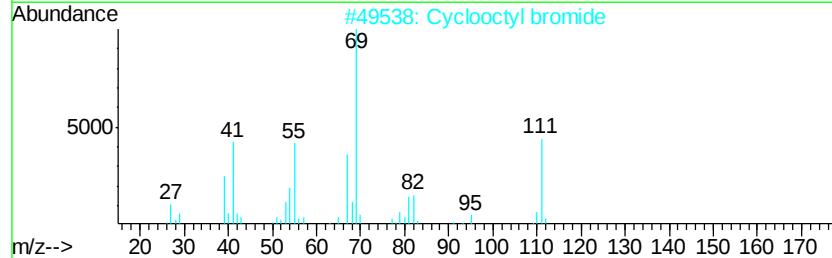
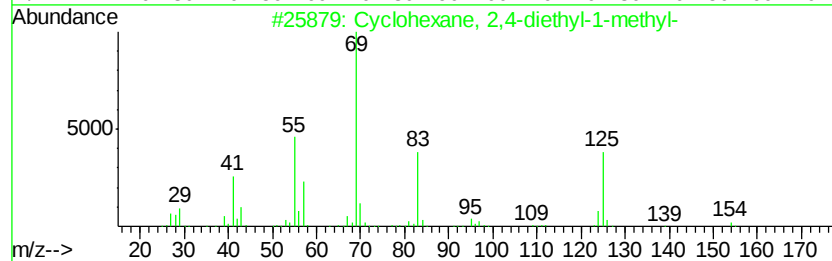
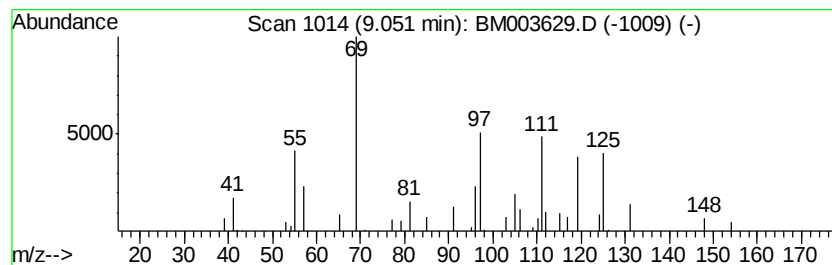
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.41 ng/ul	125374	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	30
2			Cyclooctyl bromide	190	C8H15Br	001556-09-8	27
3			Trifluoroacetic acid, 1-cyclohex...	210	C9H13F3O2	1000245-83-0	27
4			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	27
5			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

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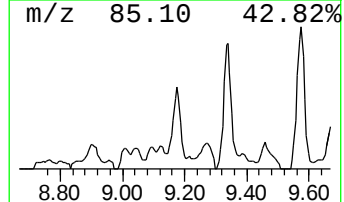
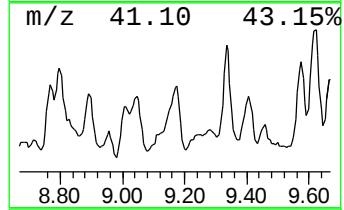
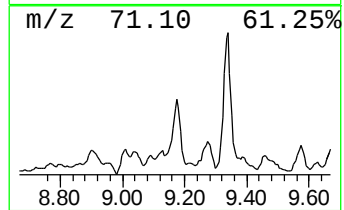
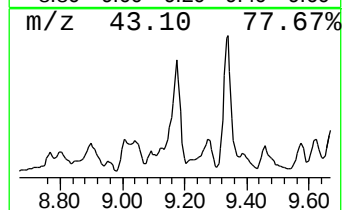
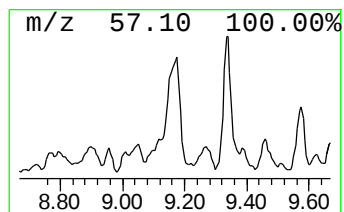
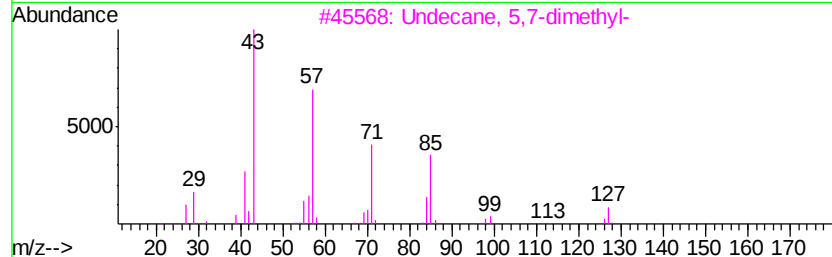
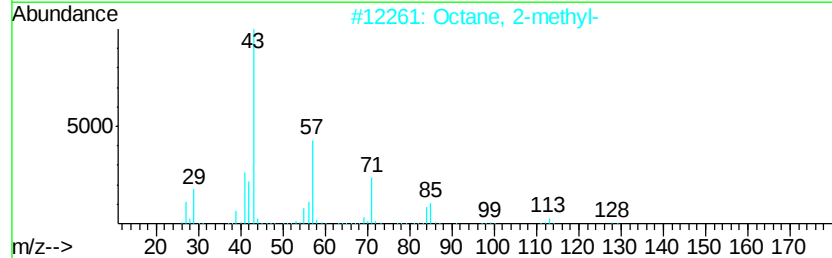
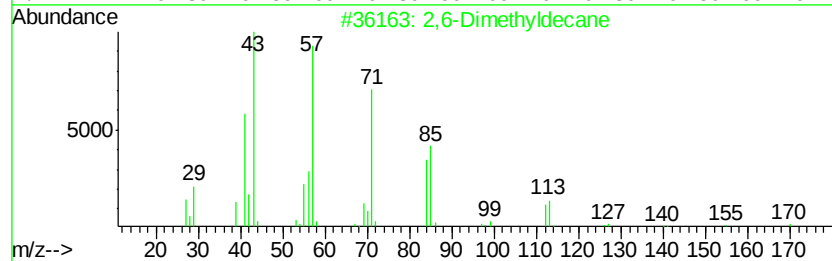
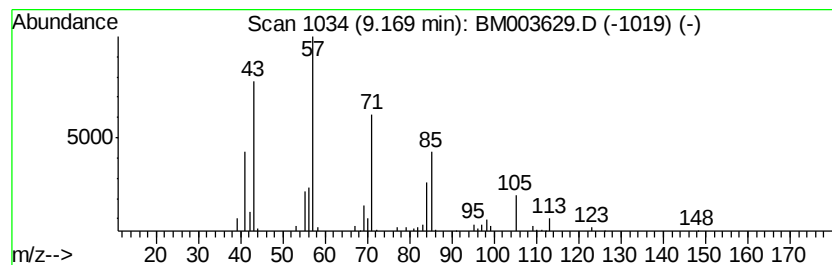
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 2,6-Dimethyldecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	6.86 ng/ul	157076	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Dimethyldecane	170	C12H26	013150-81-7	72
2		Octane, 2-methyl-	128	C9H20	003221-61-2	64
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
5		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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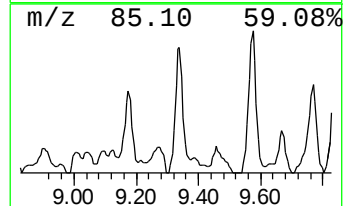
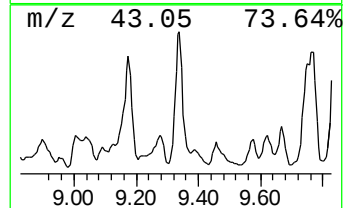
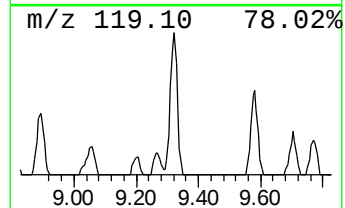
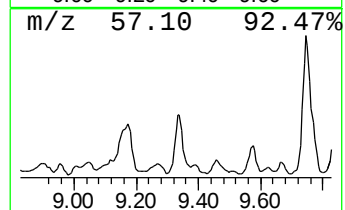
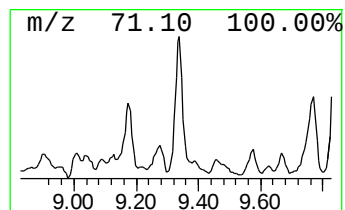
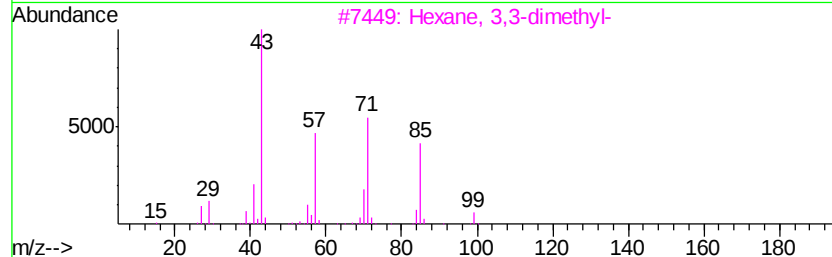
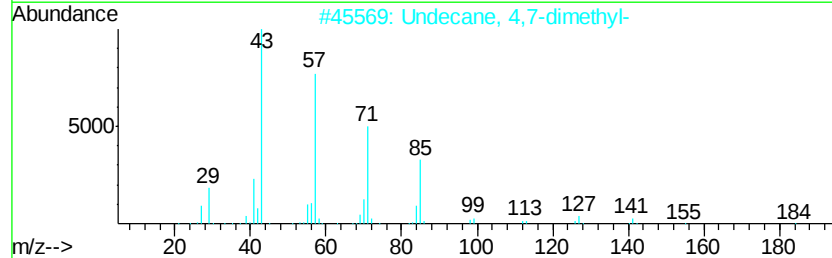
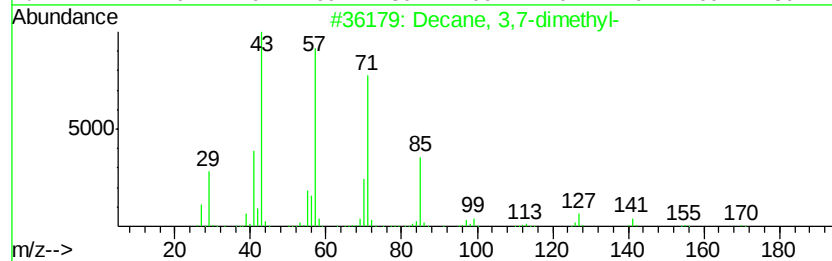
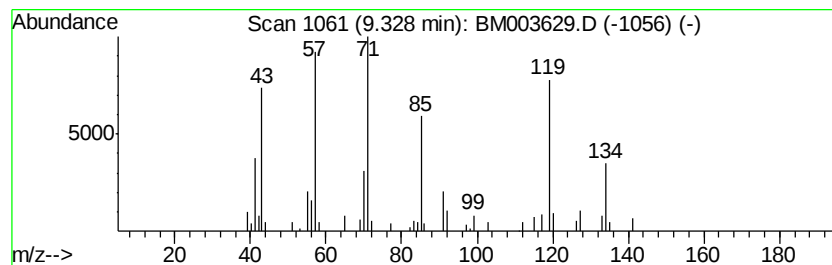
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.12 ng/ul	163008	Napthalene-d8	10.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
2			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
G9C70

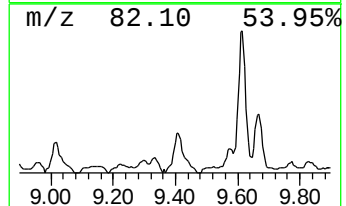
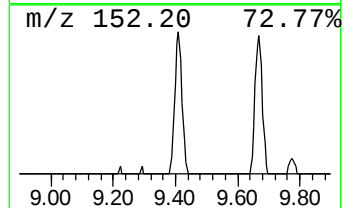
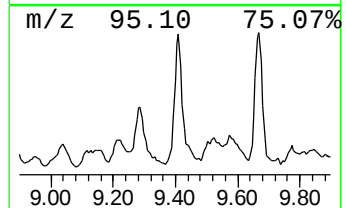
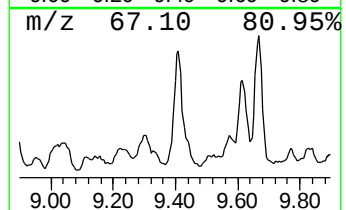
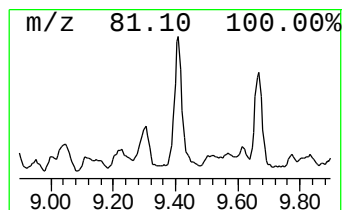
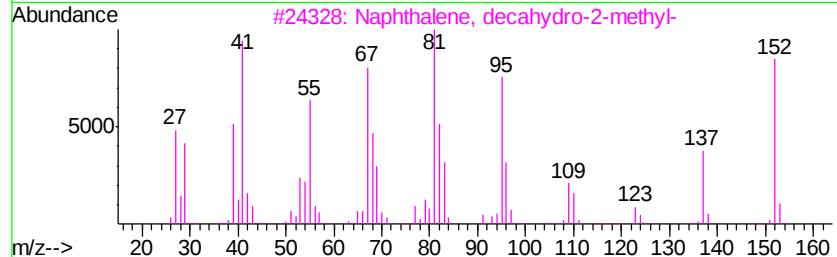
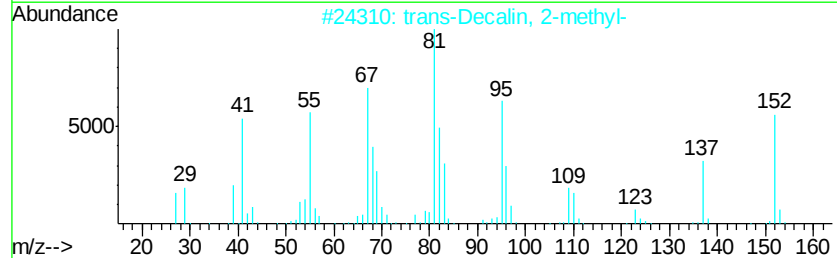
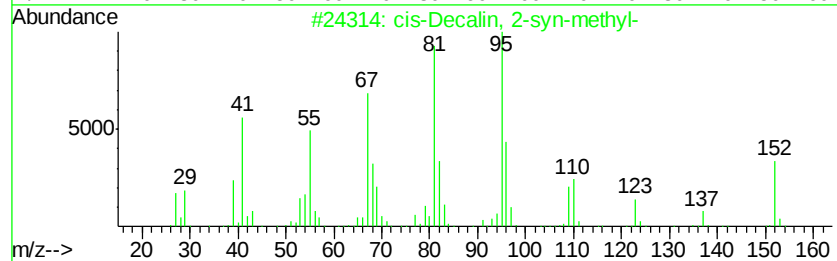
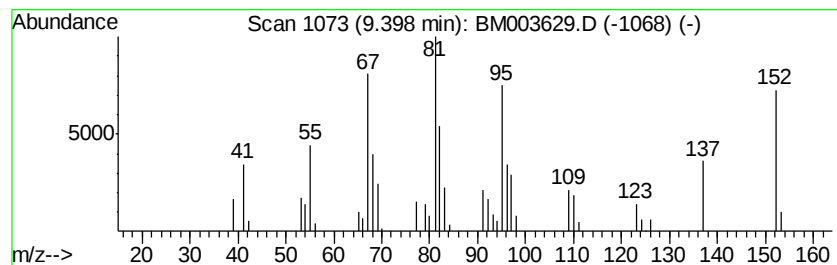
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 cis-Decalin, 2-syn-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.11 ng/ul	116886	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
4		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
5		Pulegone	152	C10H16O	000089-82-7	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
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Instrument :
BNA_M
ClientSampled :
G9C70

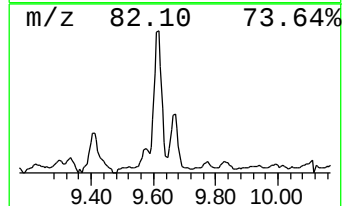
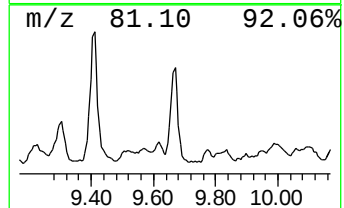
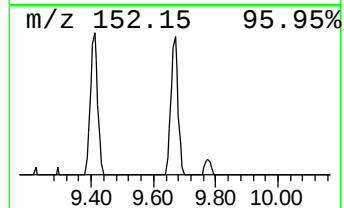
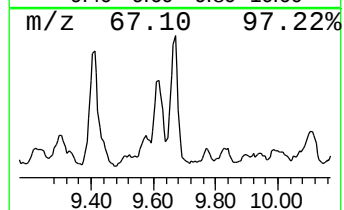
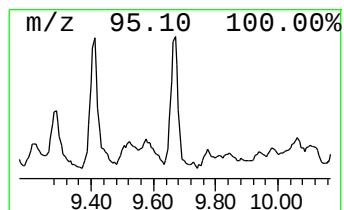
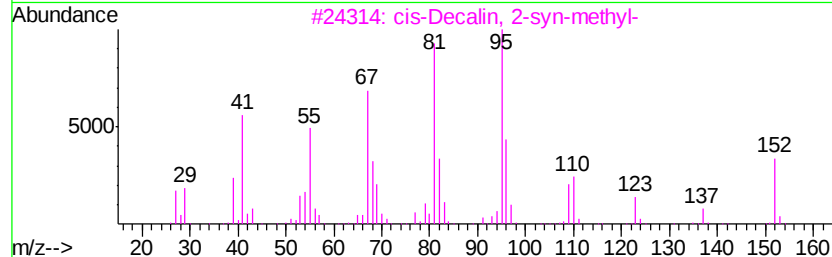
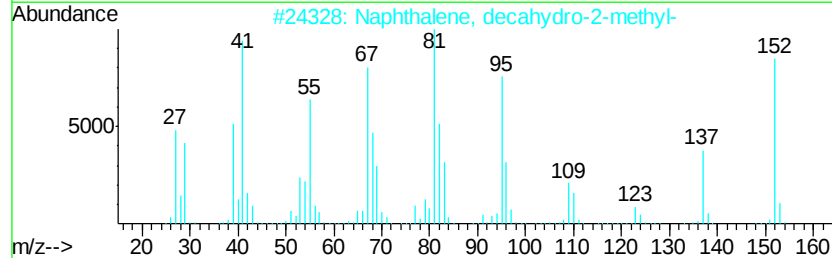
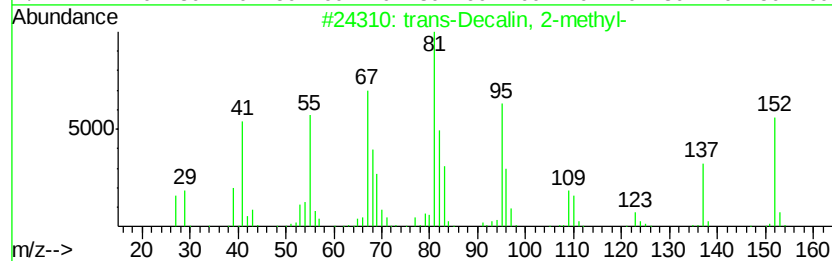
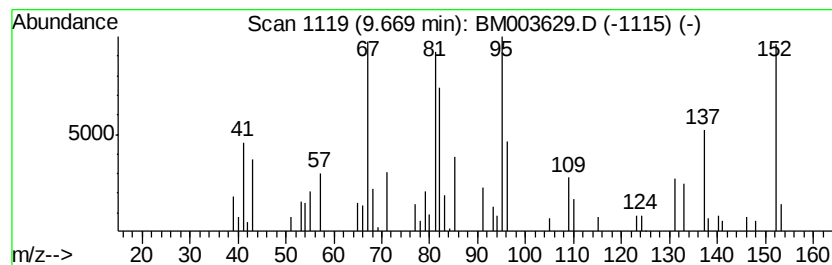
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 trans-Decalin, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	5.91 ng/ul	135383	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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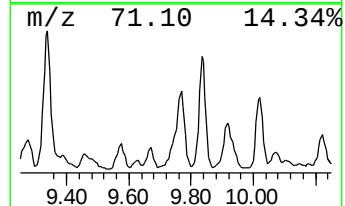
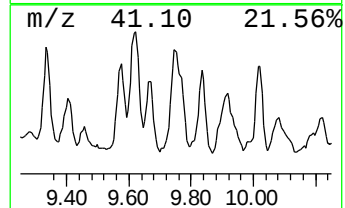
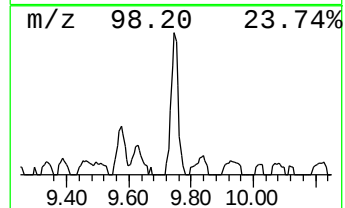
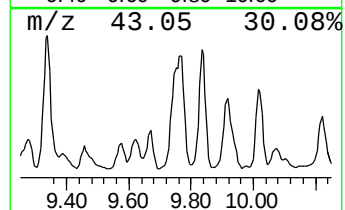
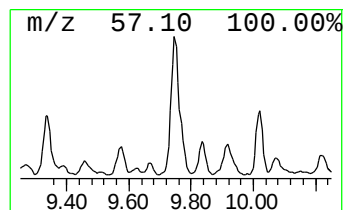
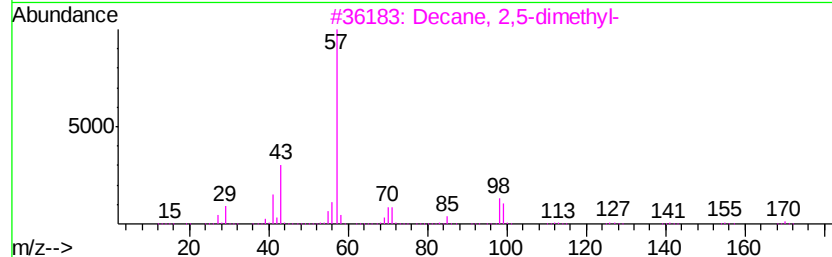
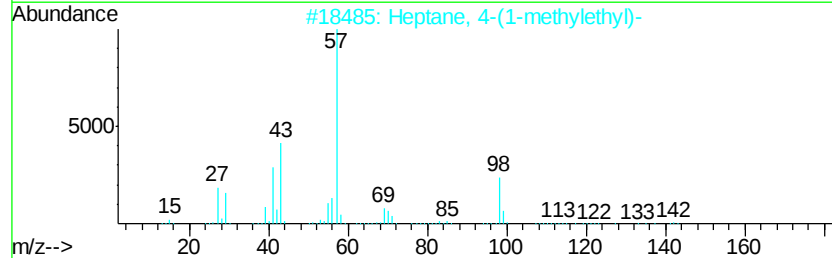
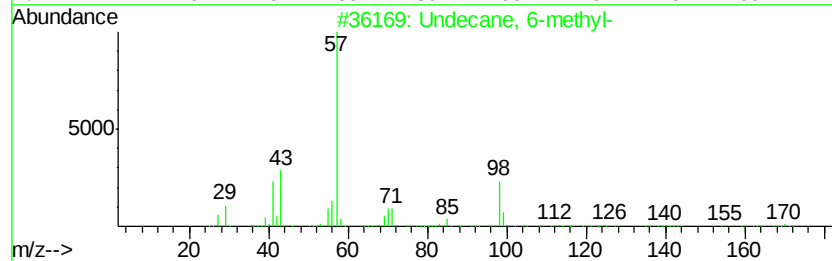
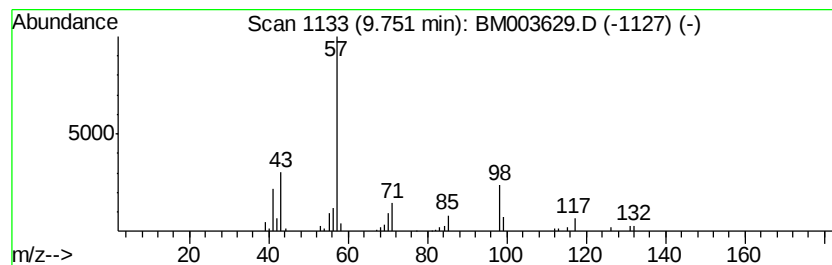
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	5.29 ng/ul	121088	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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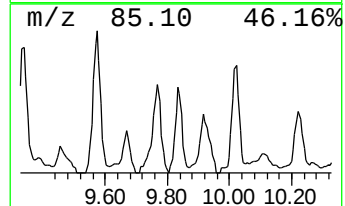
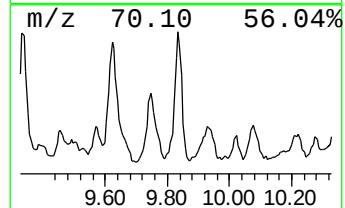
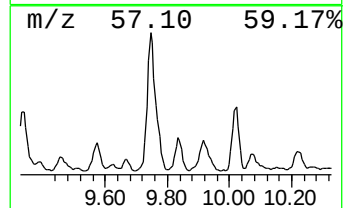
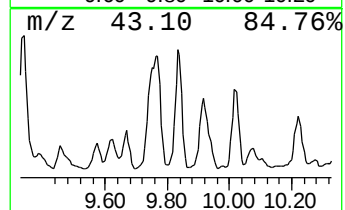
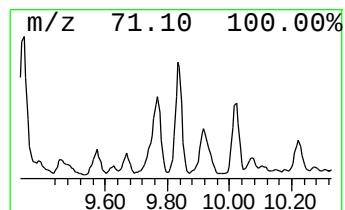
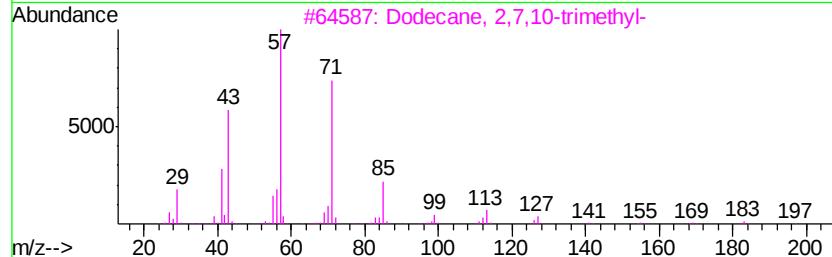
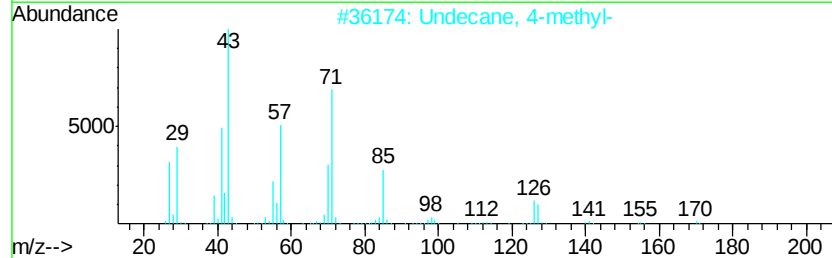
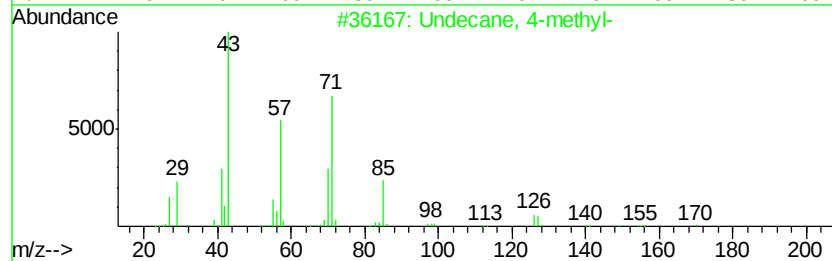
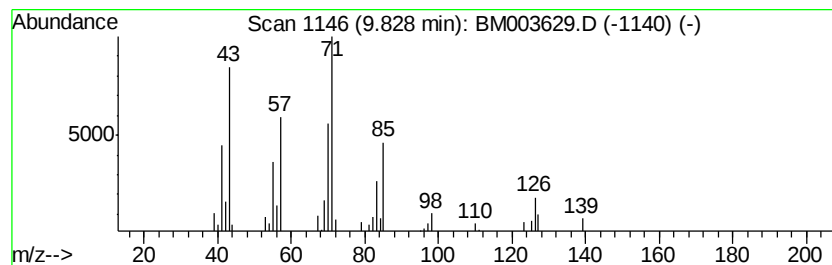
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.38 ng/ul	100142	Naphthalene-d8	10.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	78
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4			Decane, 5-propyl-	184	C13H28	017312-62-8	50
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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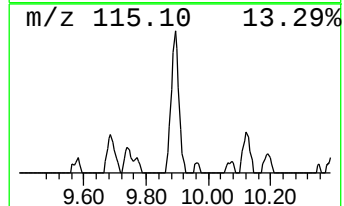
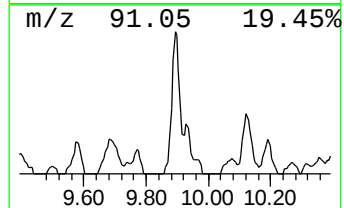
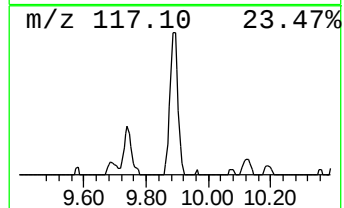
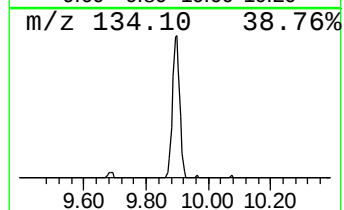
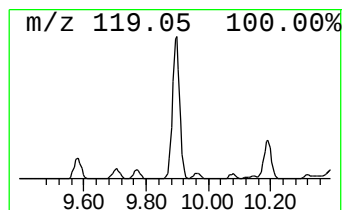
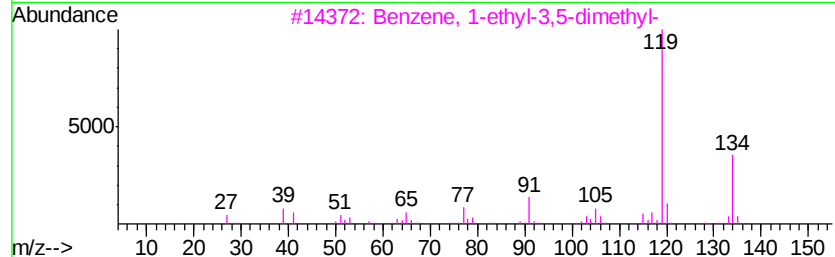
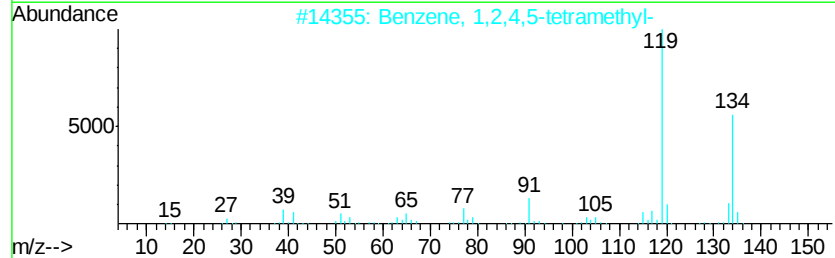
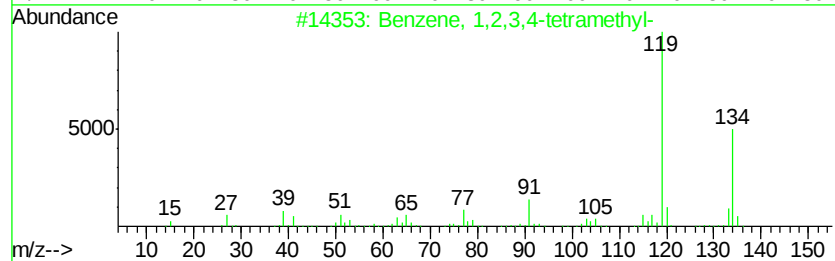
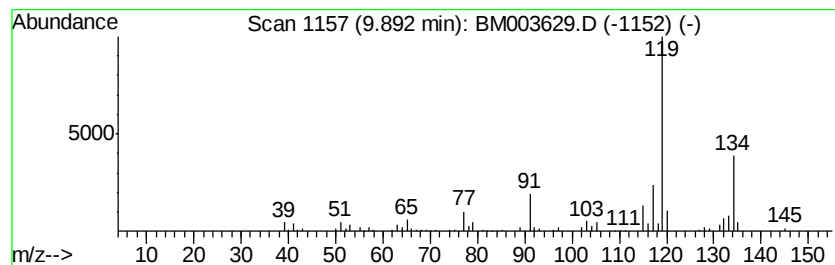
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	13.52 ng/ul	309518	Naphthalene-d8	10.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
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Misc :
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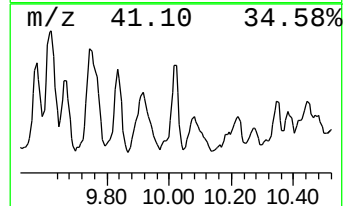
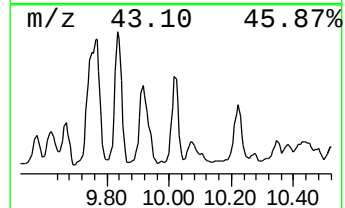
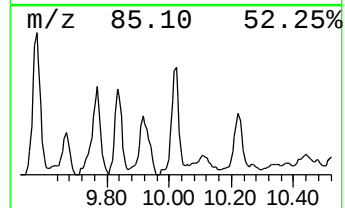
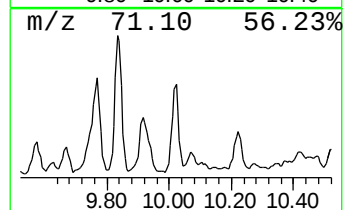
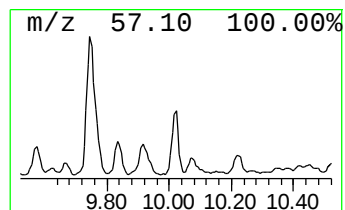
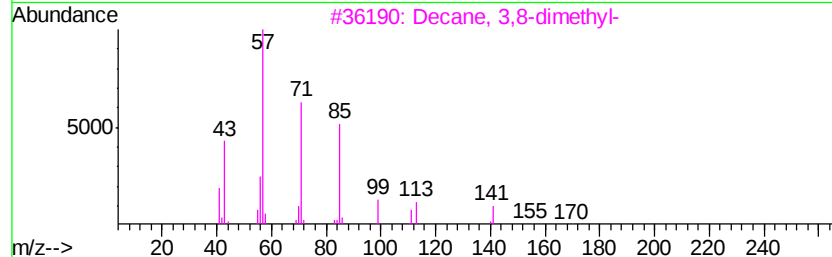
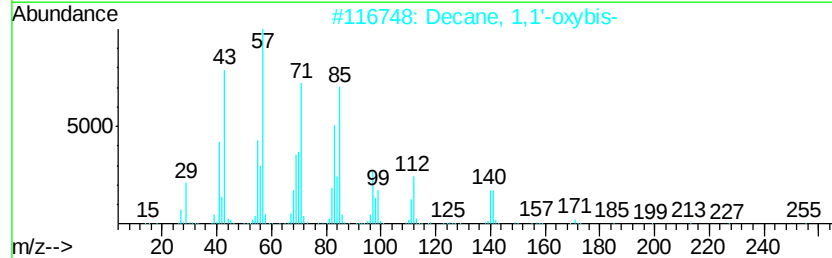
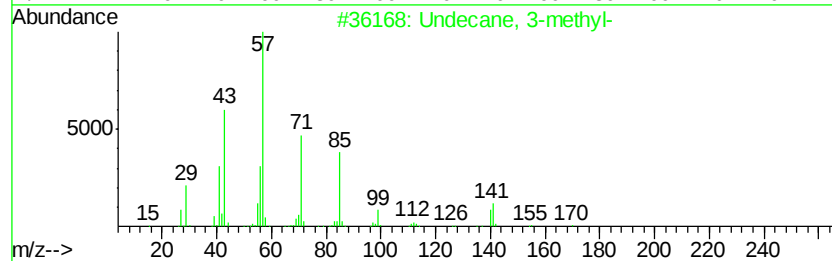
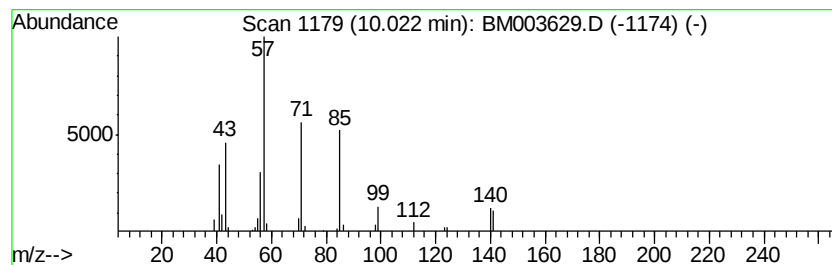
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Cyclic10.02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.18 ng/ul	72755	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
2		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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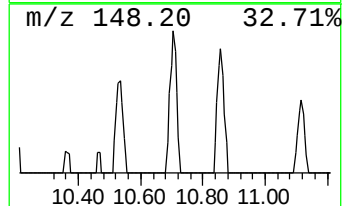
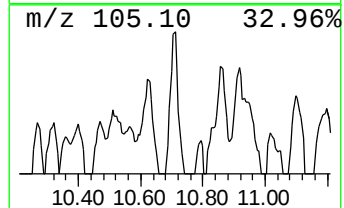
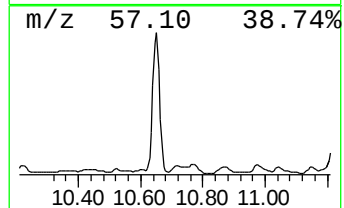
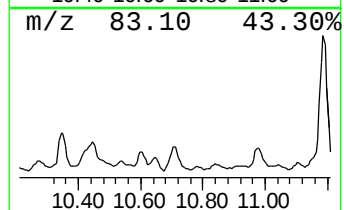
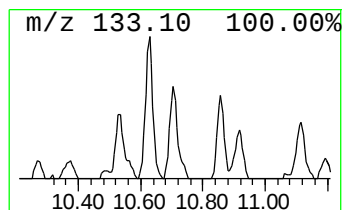
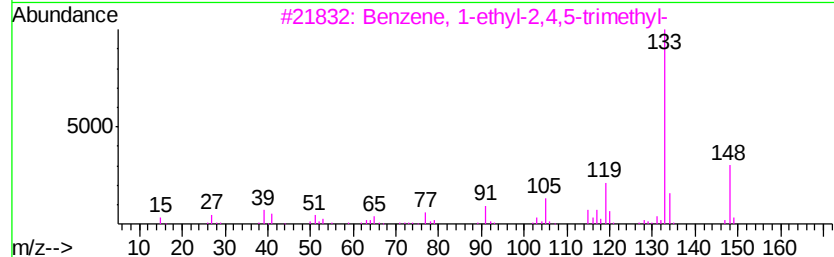
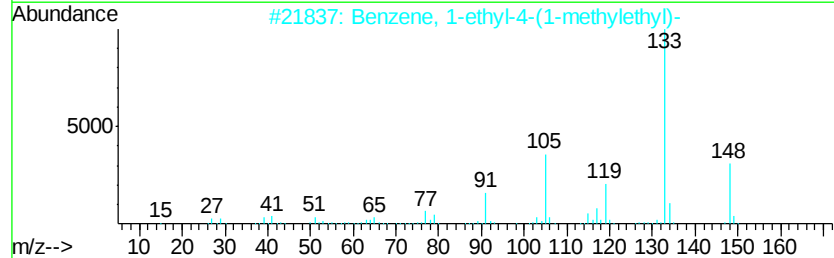
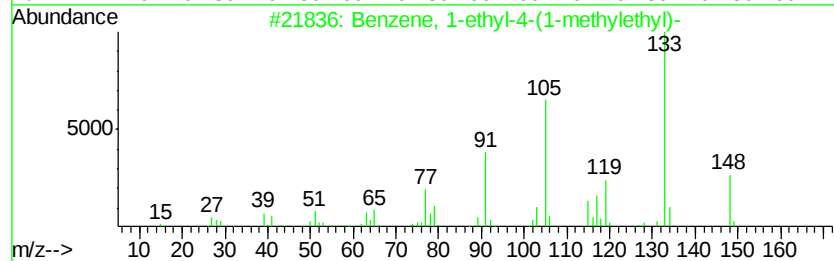
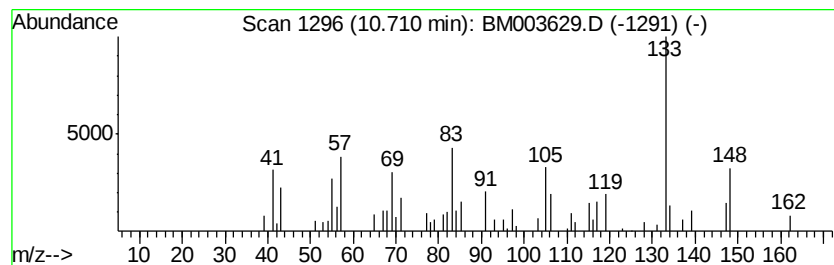
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, 1-ethyl-4-(1-methylethyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.85 ng/ul	88028	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
4		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	49
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C70

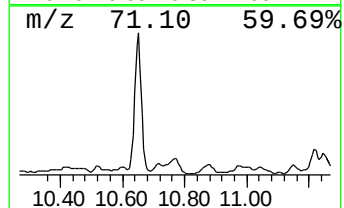
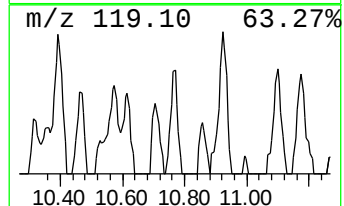
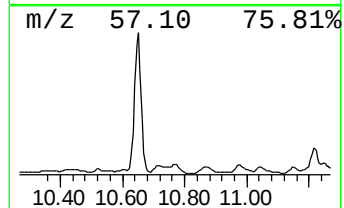
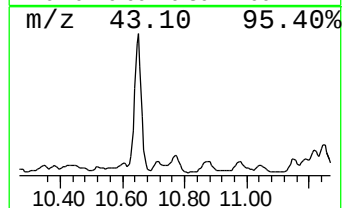
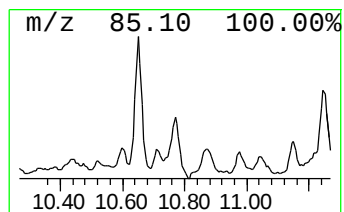
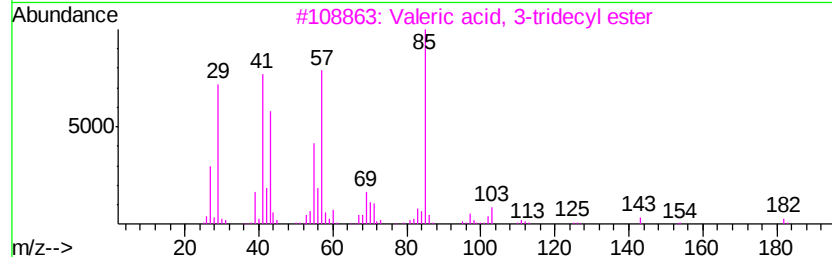
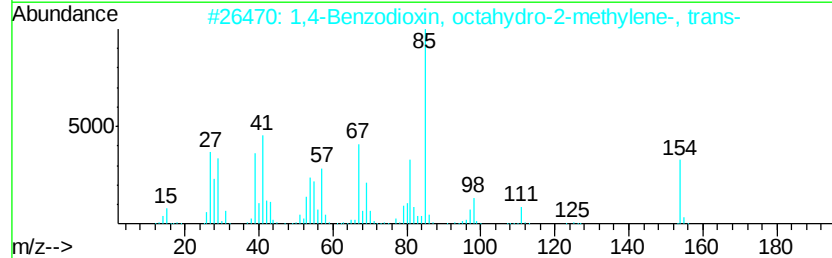
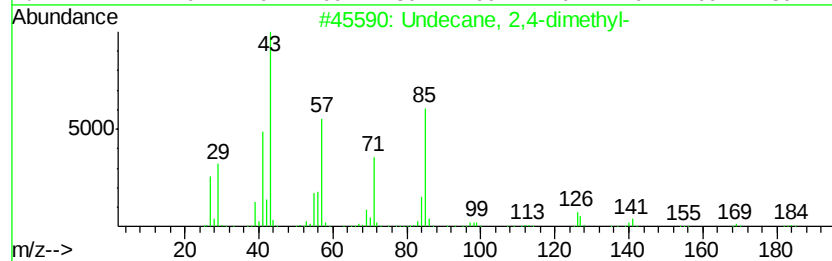
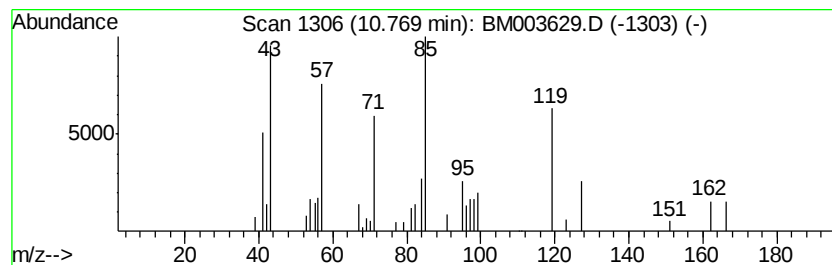
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.76 ng/ul	63101	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	14
2		1,4-Benzodioxin, octahydro-2-met...	154	C9H14O2	038653-34-8	10
3		Valeric acid, 3-tridecyl ester	284	C18H36O2	1000281-98-9	10
4		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	10
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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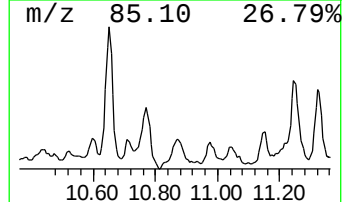
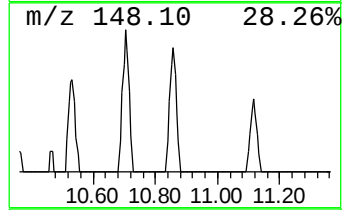
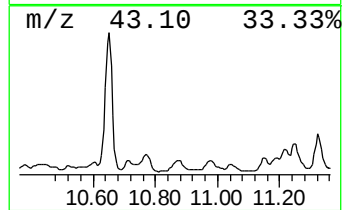
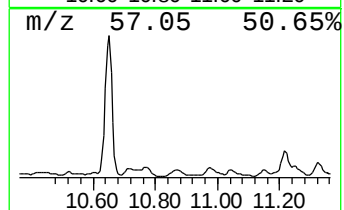
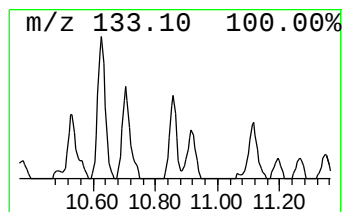
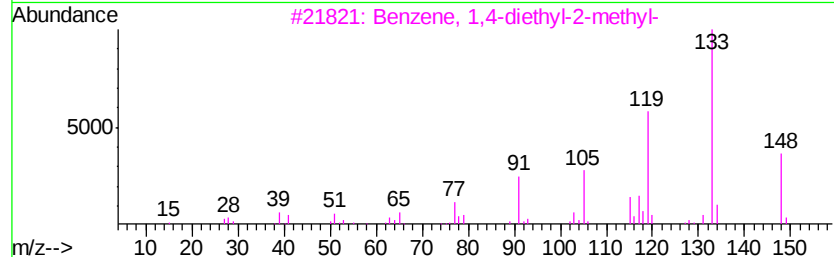
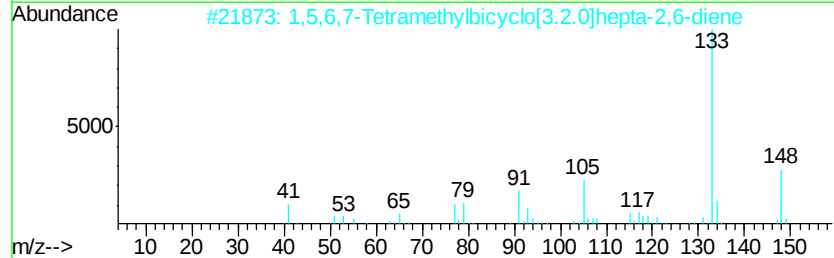
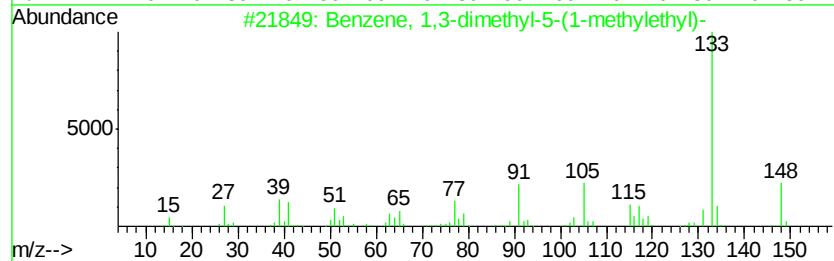
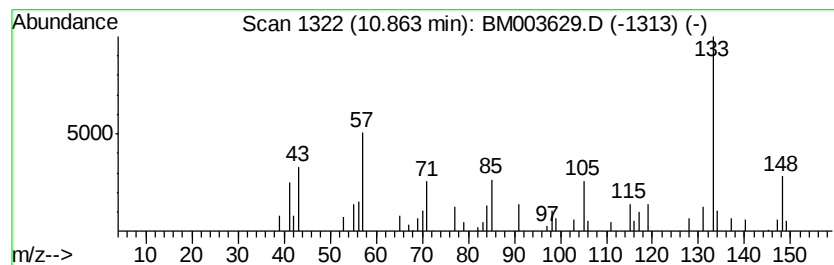
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.26 ng/ul	74680	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81
2		1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	74
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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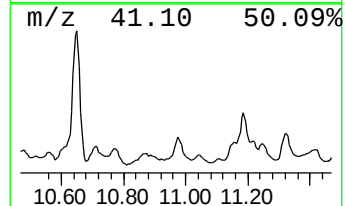
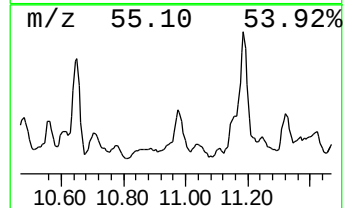
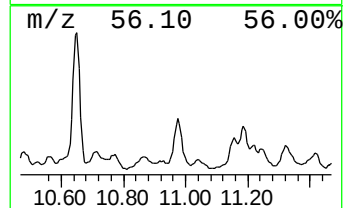
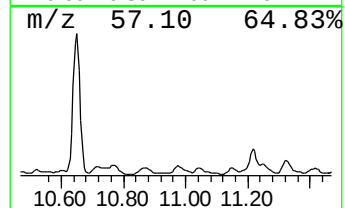
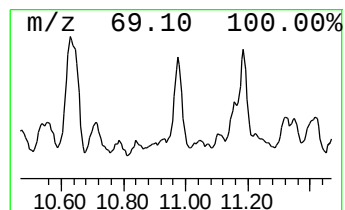
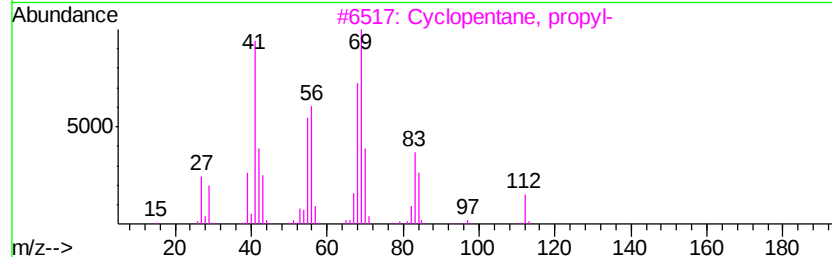
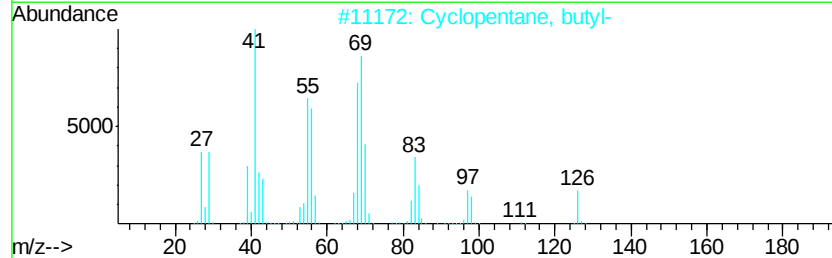
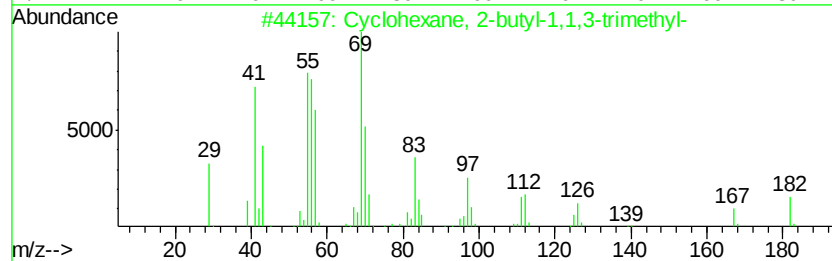
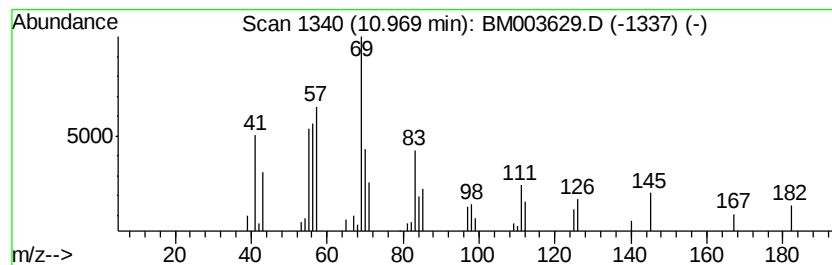
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.68 ng/ul	84172	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	76
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	64
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	58
4		2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	49
5		3-Tridecene, (E)-	182	C13H26	041446-57-5	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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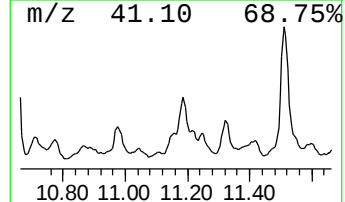
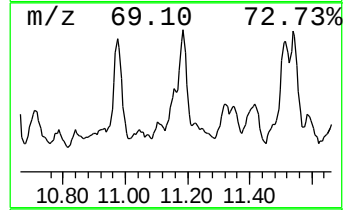
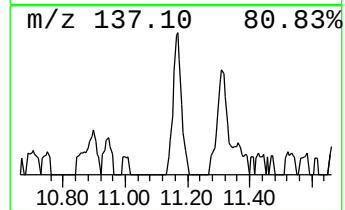
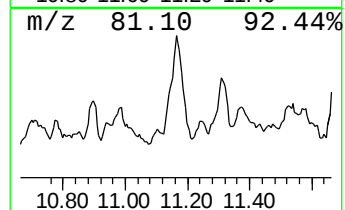
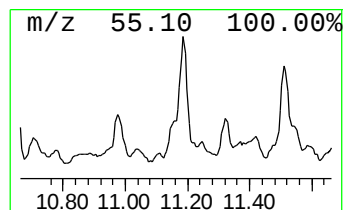
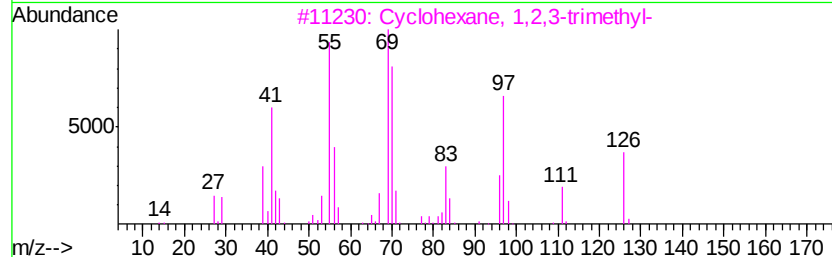
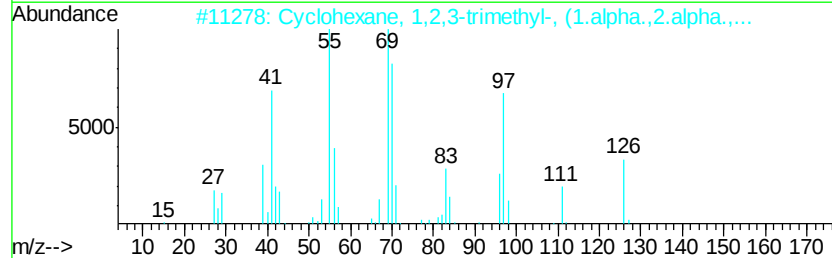
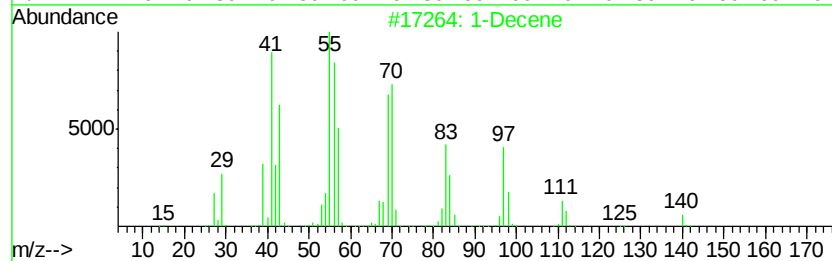
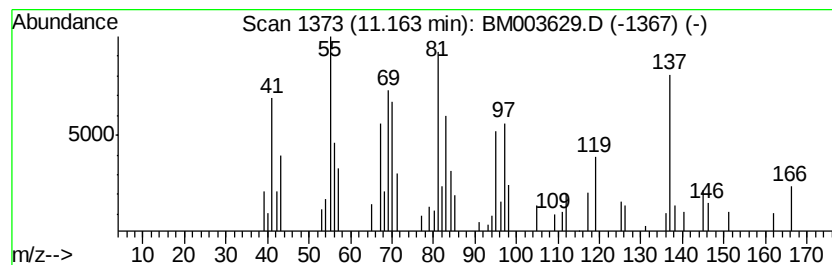
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.44 ng/ul	78797	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	87
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001839-88-9	45
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
4		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
5		3-Undecene, (E)-	154	C11H22	001002-68-2	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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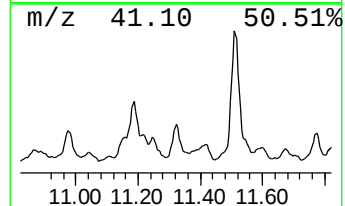
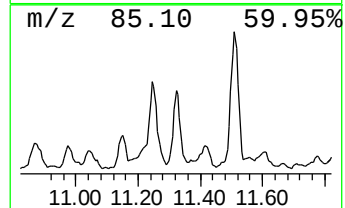
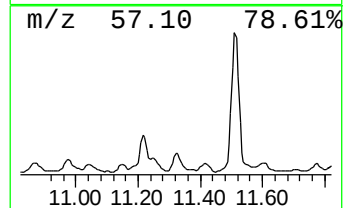
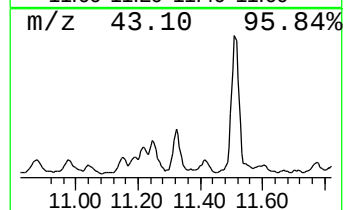
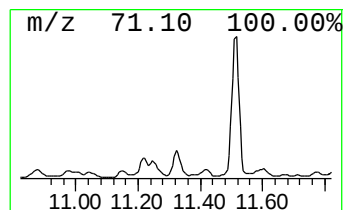
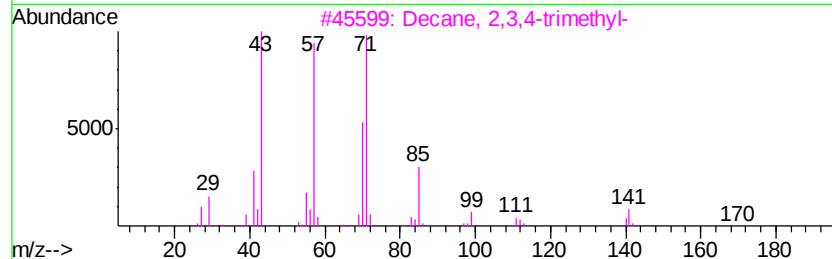
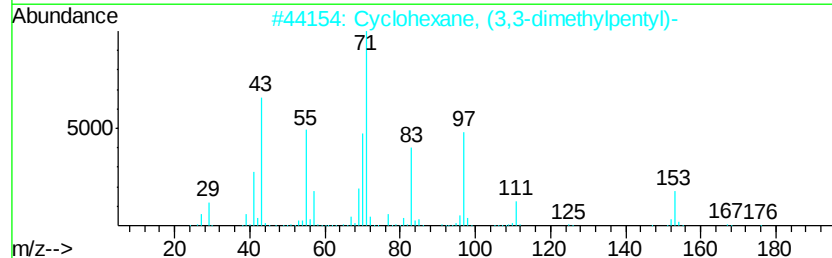
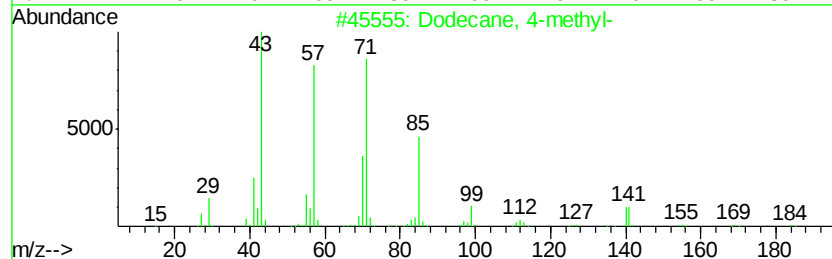
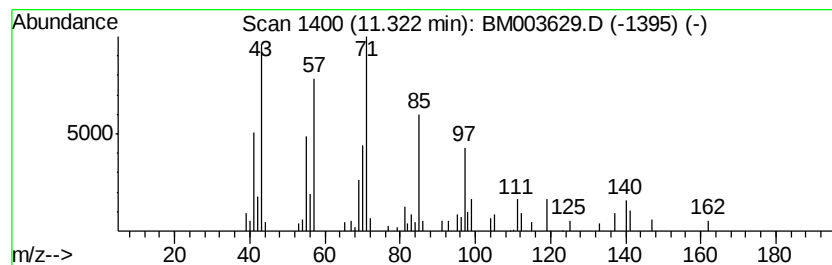
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	4.60 ng/ul	105187	Napthalene-d8	10.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
2			Cyclohexane, (3,3-dimethylpentyl)-	182	C13H26	061142-22-1	50
3			Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	47
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

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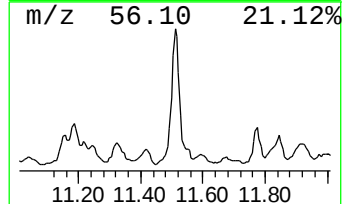
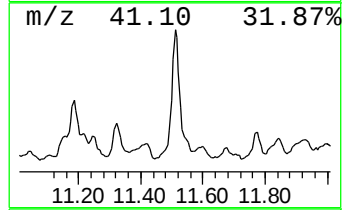
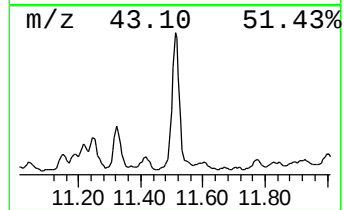
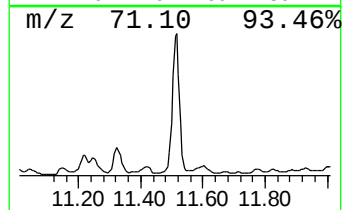
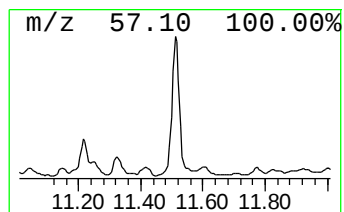
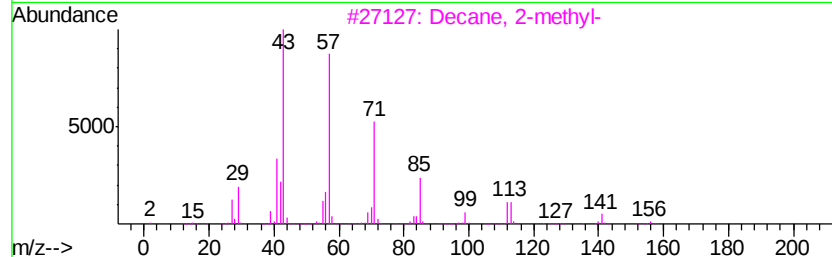
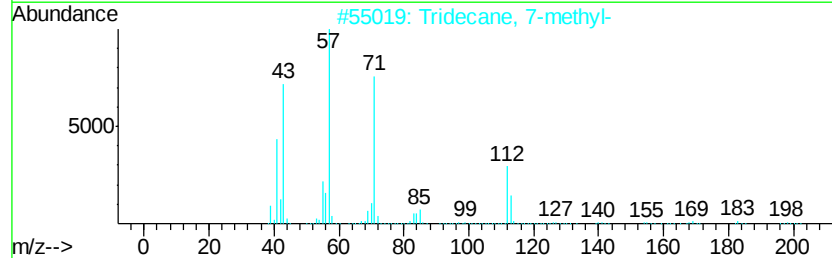
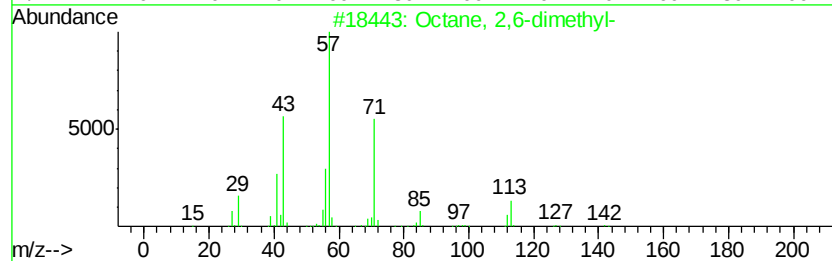
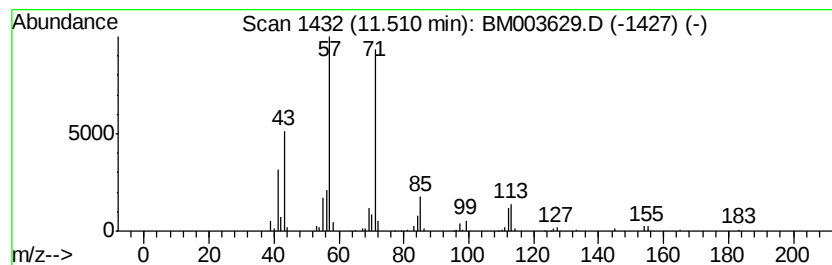
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	15.31 ng/ul	350472	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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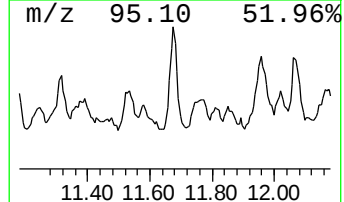
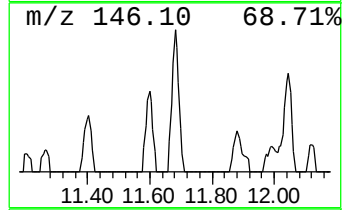
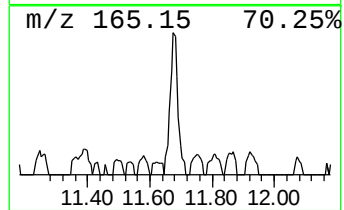
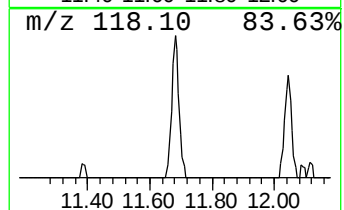
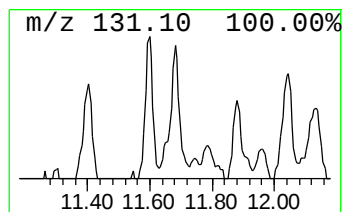
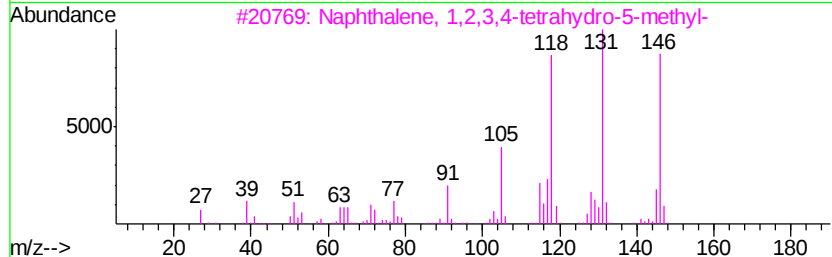
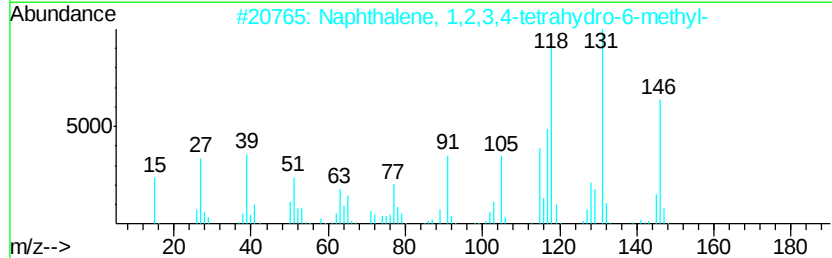
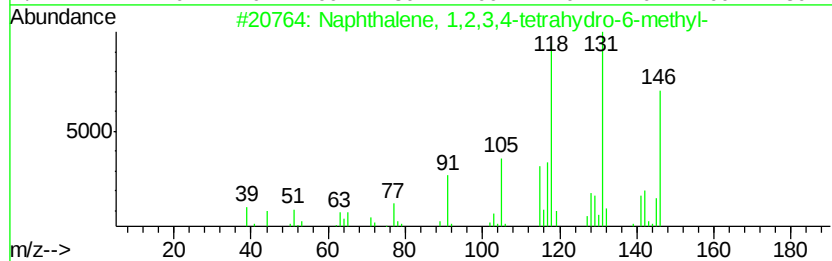
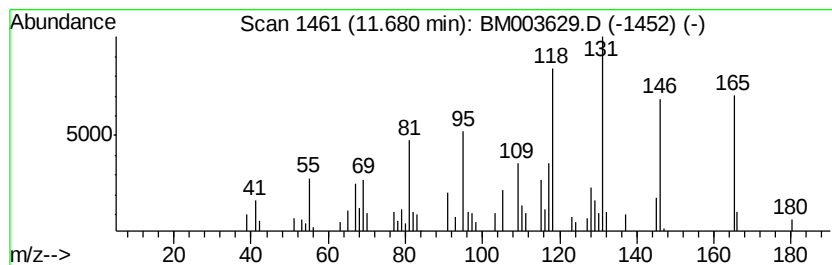
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.91 ng/ul	112283	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	92
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
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	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
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Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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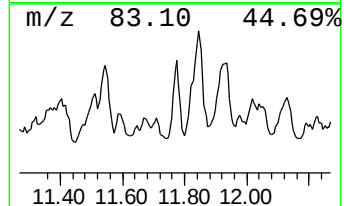
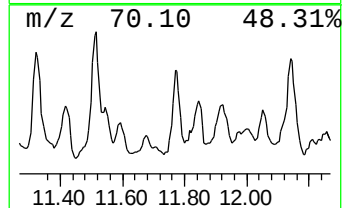
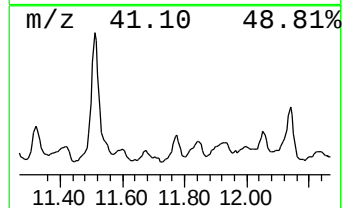
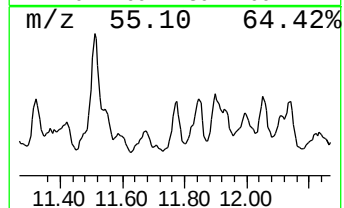
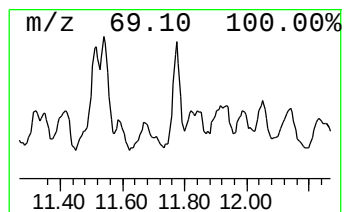
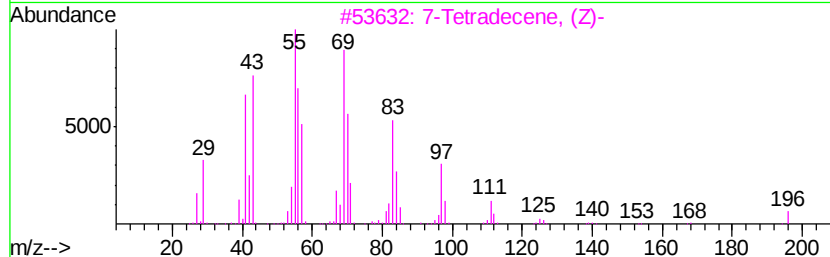
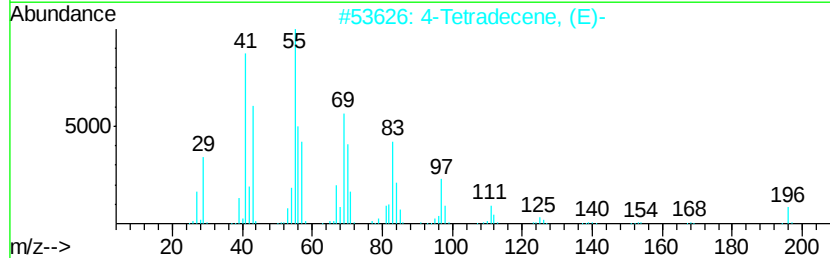
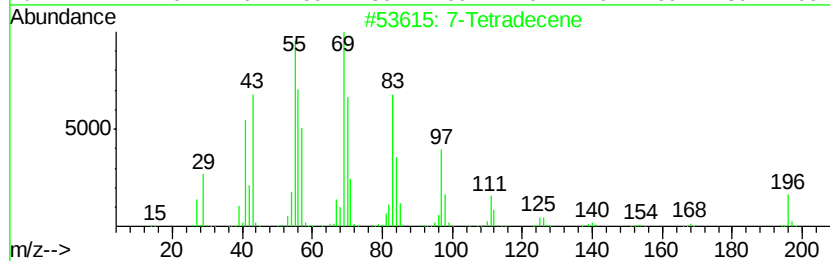
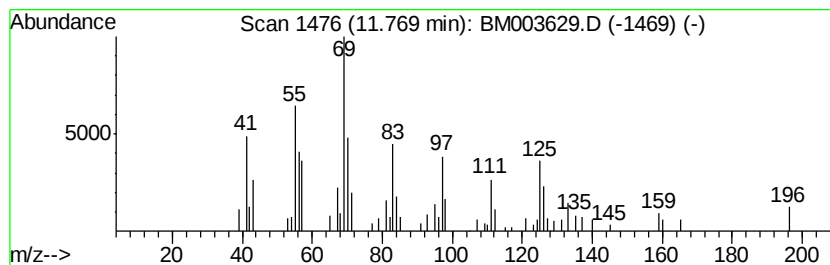
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Branched11.77 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.55 ng/ul	104118	Naphthalene-d8	10.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Tetradecene	196	C14H28	010374-74-0	78
2			4-Tetradecene, (E)-	196	C14H28	041446-78-0	64
3			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	55
4			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	49
5			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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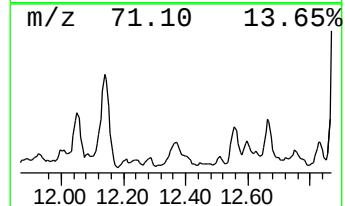
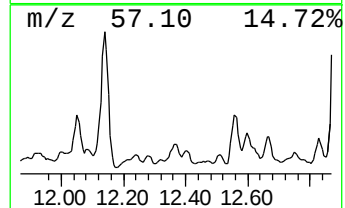
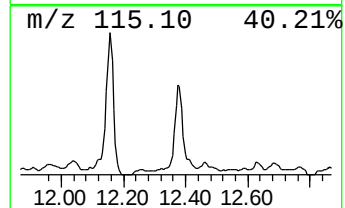
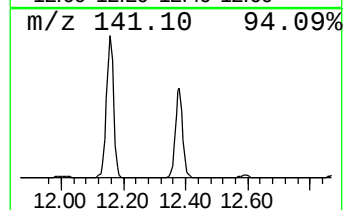
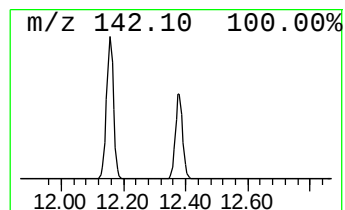
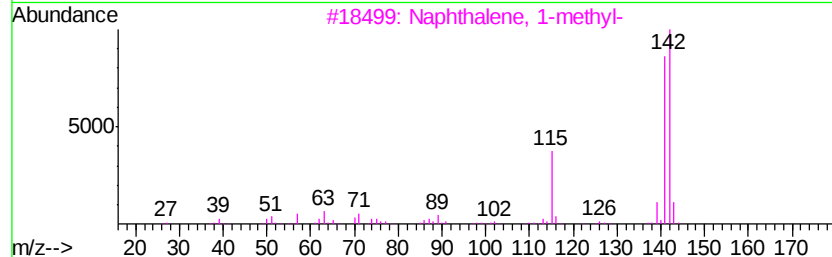
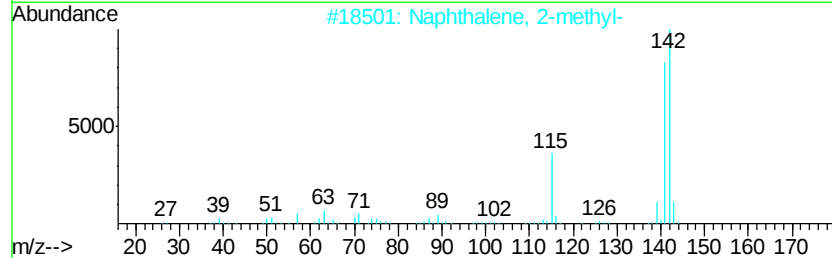
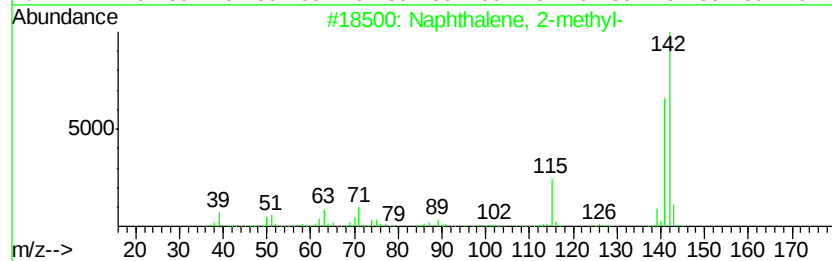
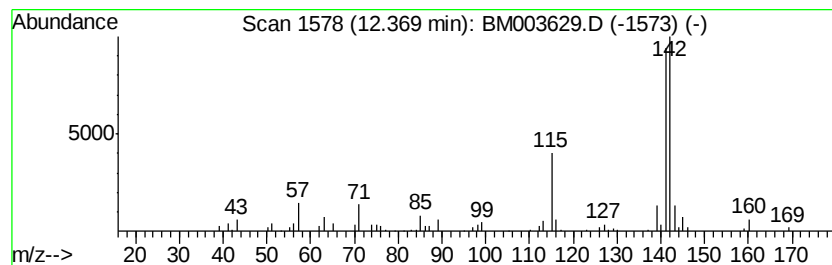
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.69 ng/ul	176088	Naphthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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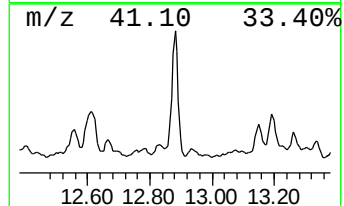
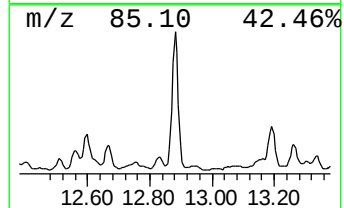
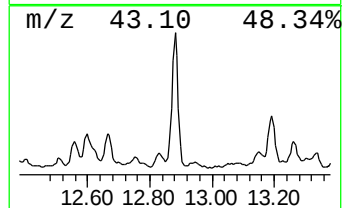
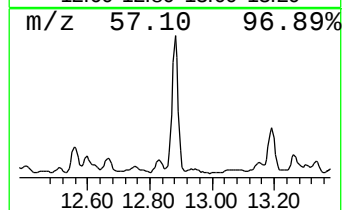
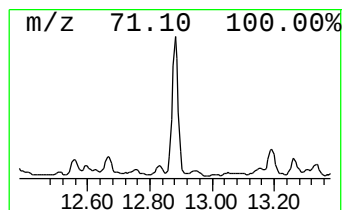
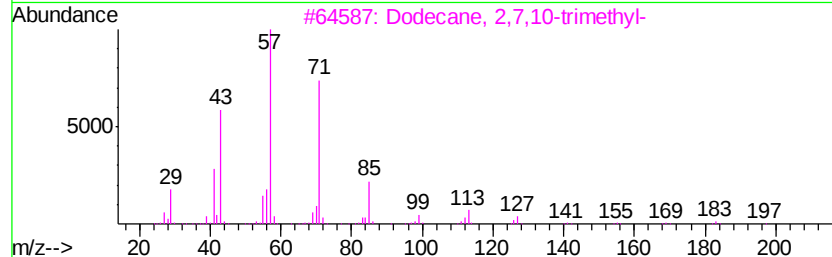
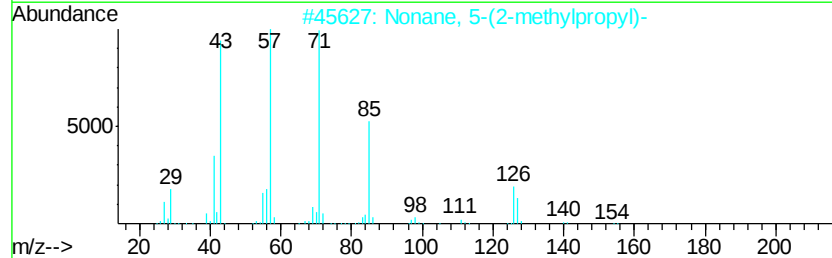
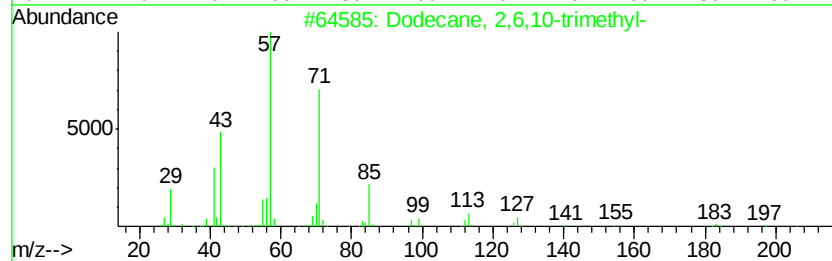
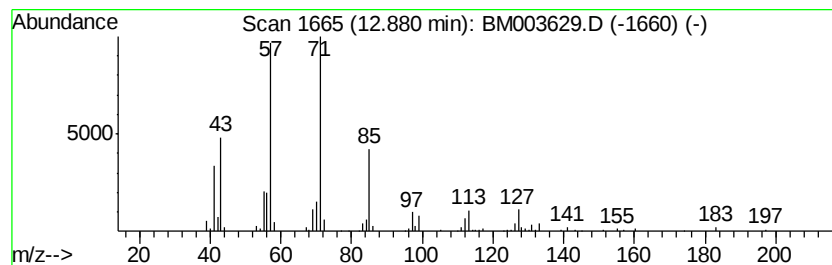
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	12.11 ng/ul	318537	Acenaphthene-d10	14.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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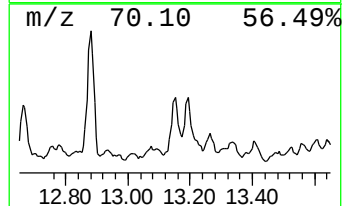
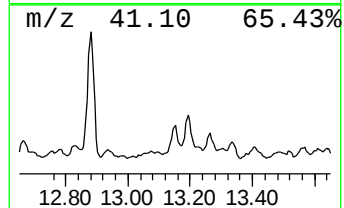
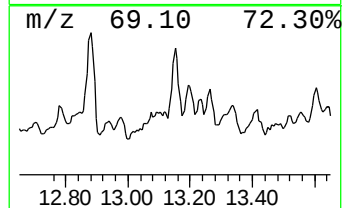
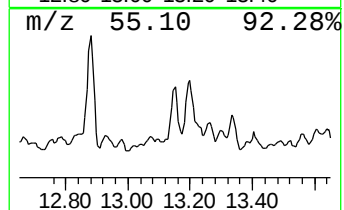
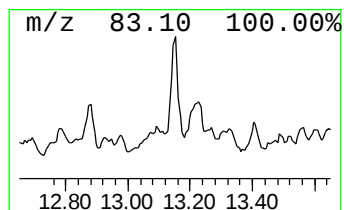
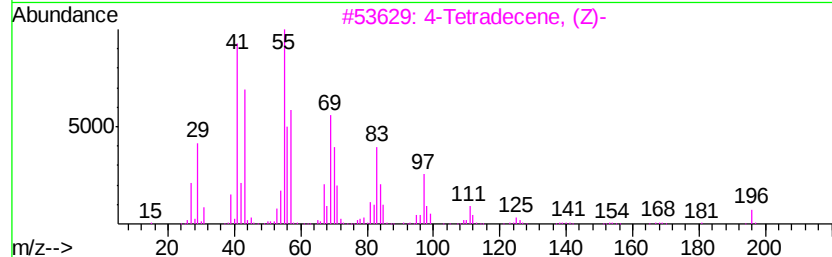
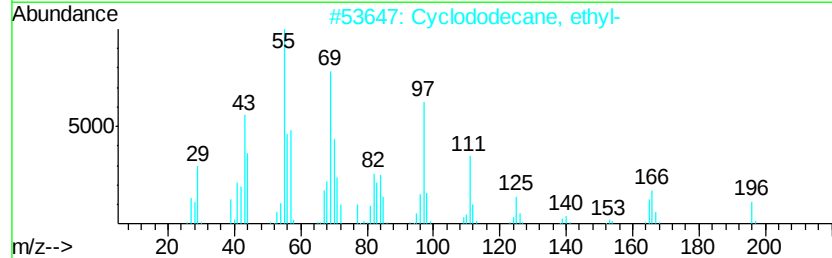
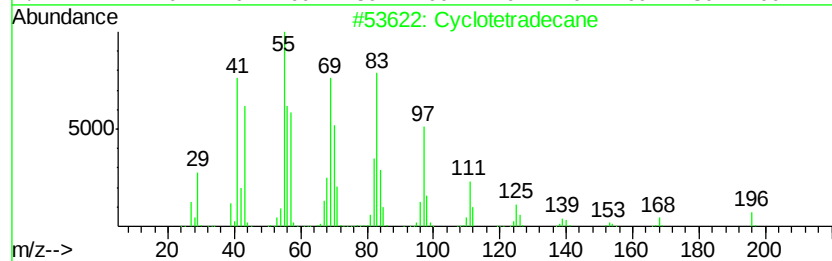
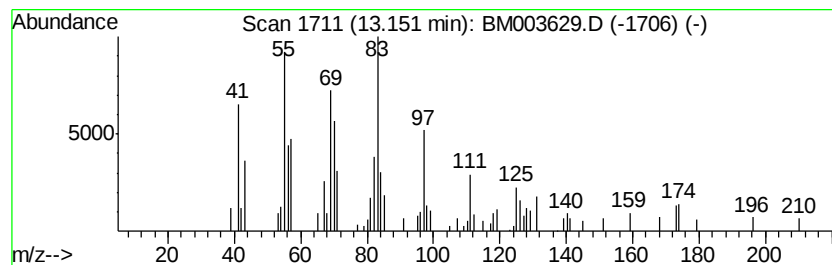
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Cyclic13.15 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.41 ng/ul	89584	Acenaphthene-d10	14.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	90
2			Cyclododecane, ethyl-	196	C14H28	028981-49-9	86
3			4-Tetradecene, (Z)-	196	C14H28	041446-65-5	78
4			Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	76
5			Cyclotetradecane	196	C14H28	000295-17-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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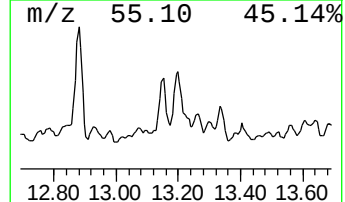
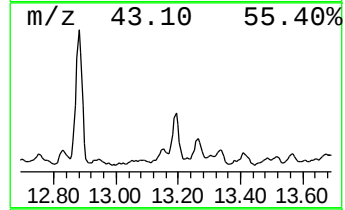
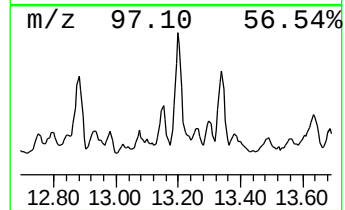
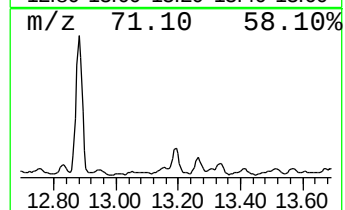
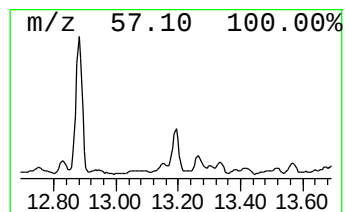
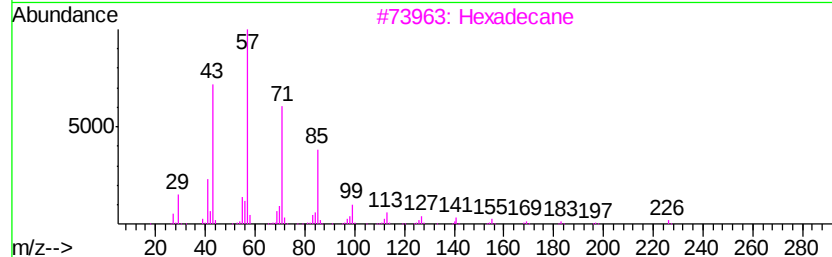
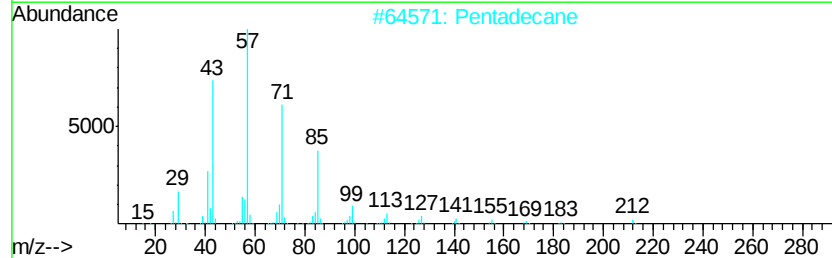
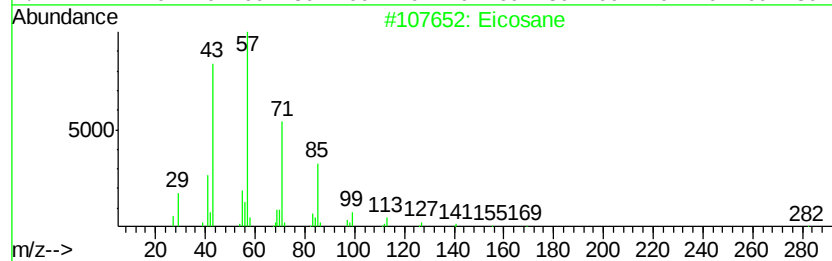
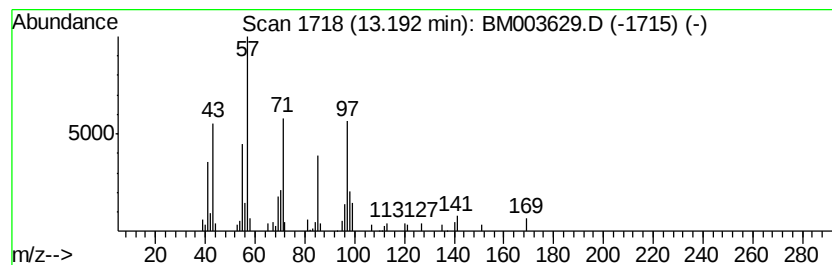
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.89 ng/ul	76041	Acenaphthene-d10	14.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	46
2			Pentadecane	212	C15H32	000629-62-9	43
3			Hexadecane	226	C16H34	000544-76-3	43
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
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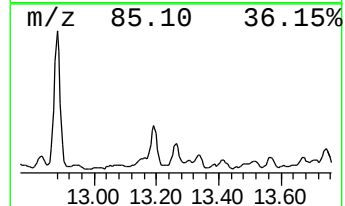
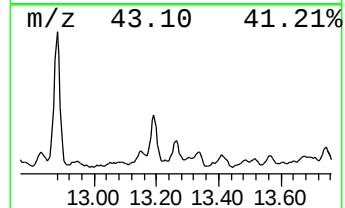
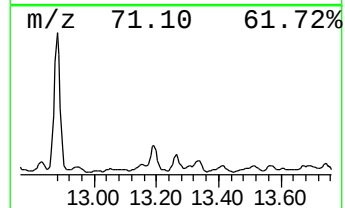
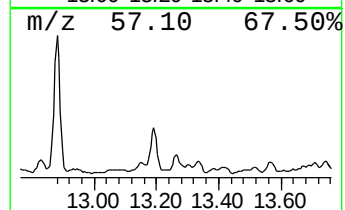
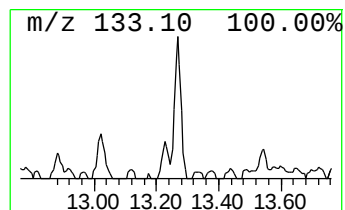
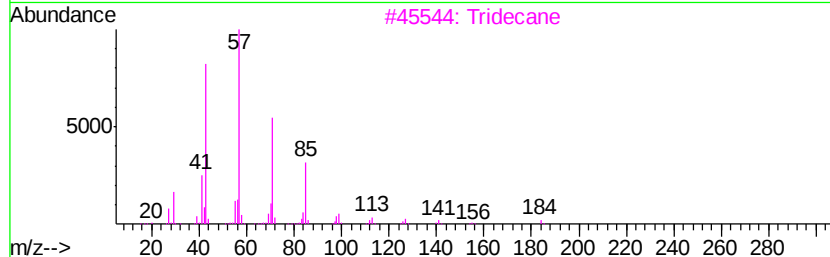
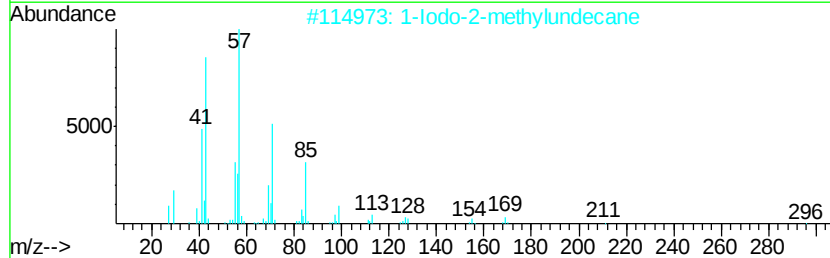
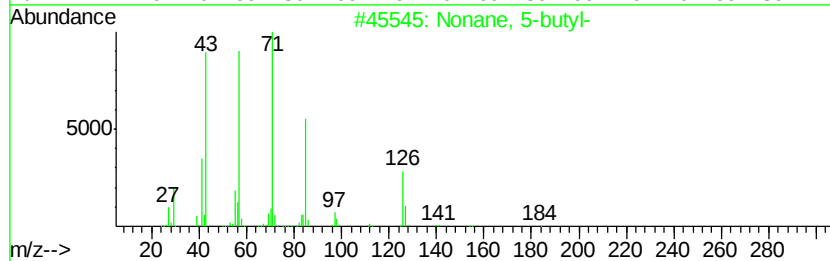
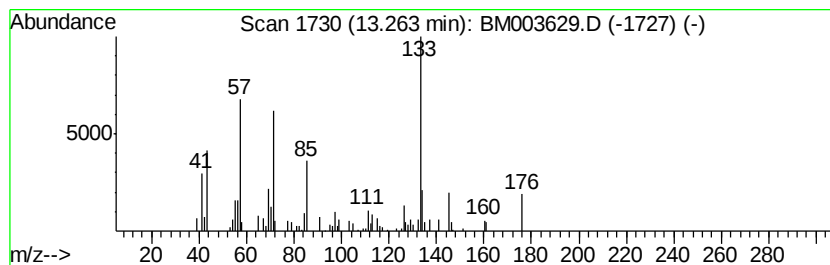
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BNA_M
ClientSampleId :
G9C70

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.97 ng/ul	130632	Acenaphthene-d10	14.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 5-butyl-	184 C13H28	017312-63-9 25
2		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 22
3		Tridecane	184 C13H28	000629-50-5 14
4		Dodecane	170 C12H26	000112-40-3 14
5		Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4 14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C70

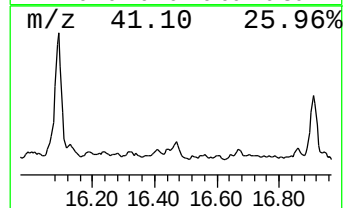
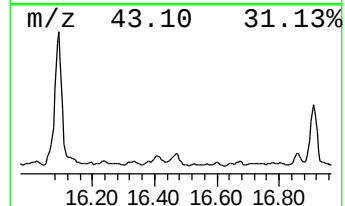
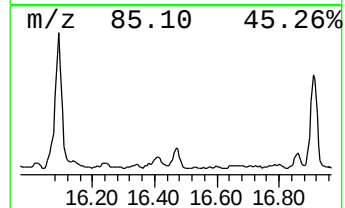
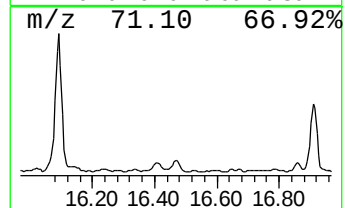
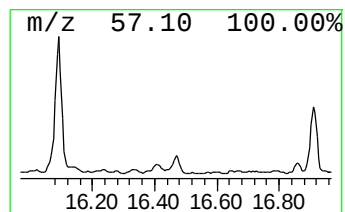
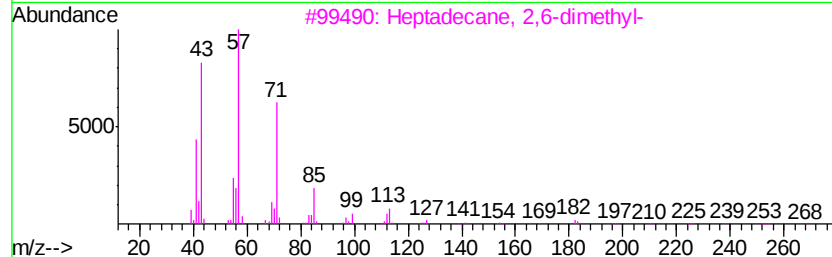
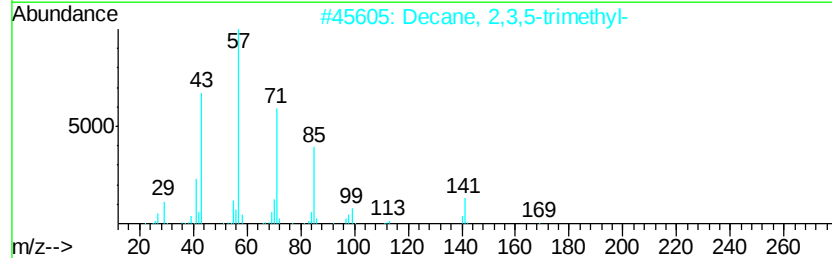
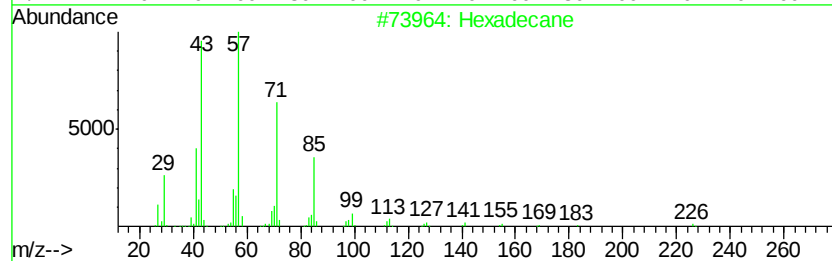
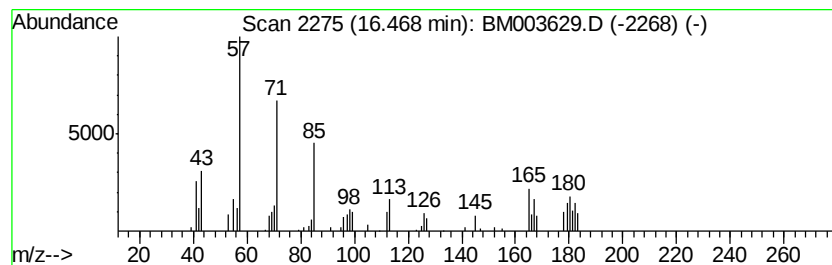
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.24 ng/ul	66113	Phenanthrene-d10	17.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	35
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	35
4			Decane, 5-propyl-	184	C13H28	017312-62-8	35
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C70

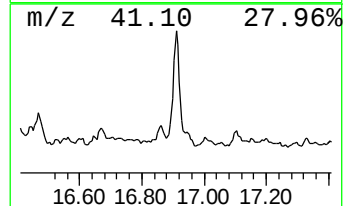
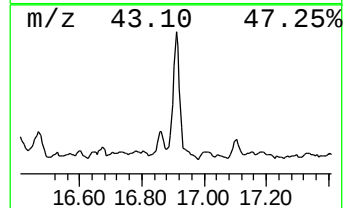
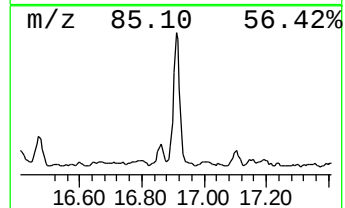
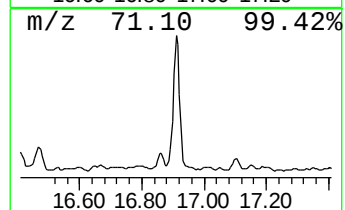
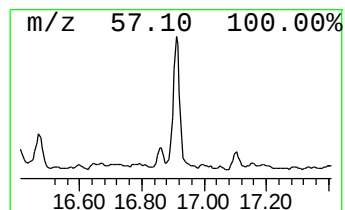
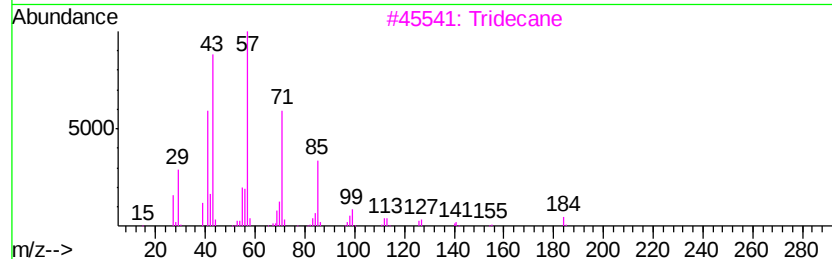
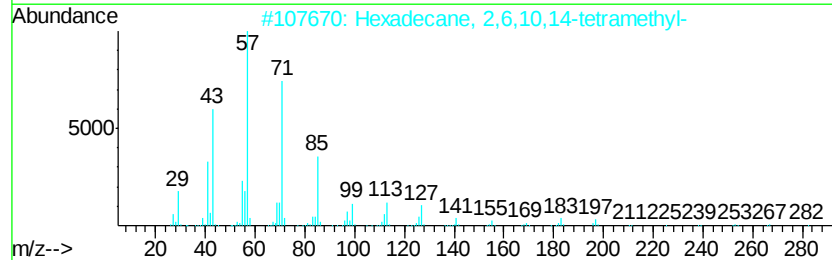
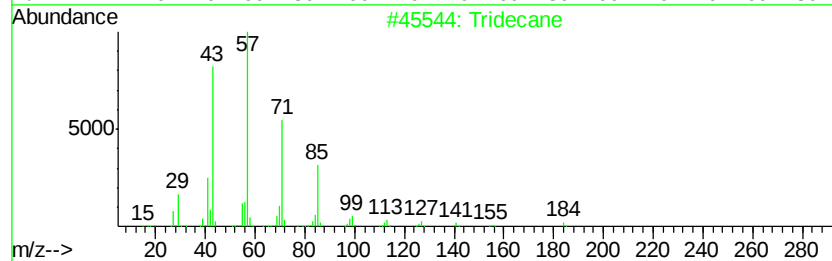
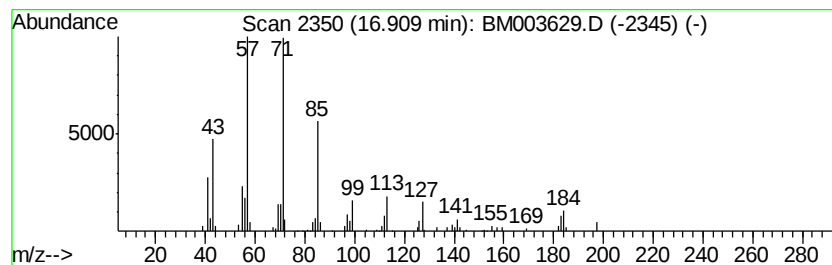
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	4.64 ng/ul	136806	Phenanthrene-d10	17.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3			Tridecane	184	C13H28	000629-50-5	86
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5			Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003629.D
Acq On : 19 Dec 2015 20:43
Operator : UM/SJ
Sample : G4801-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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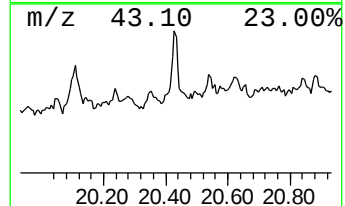
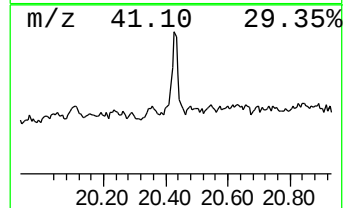
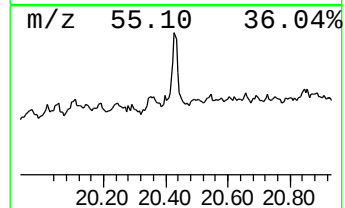
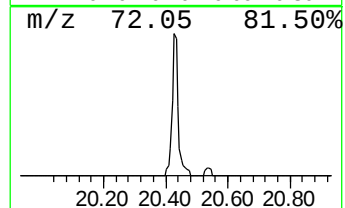
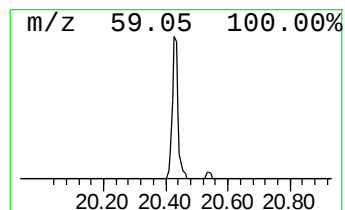
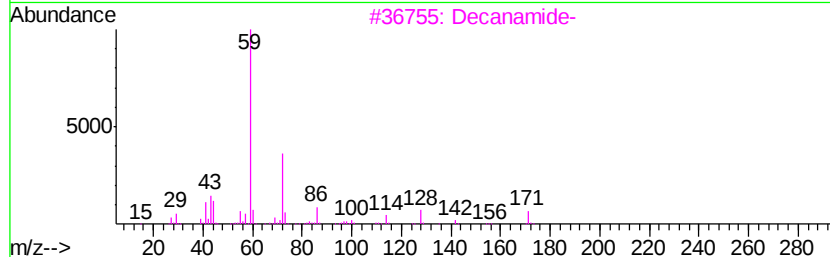
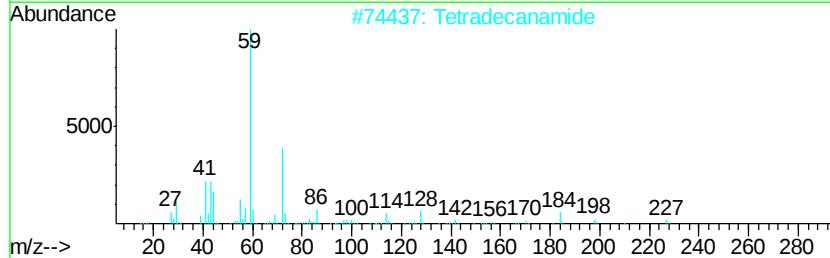
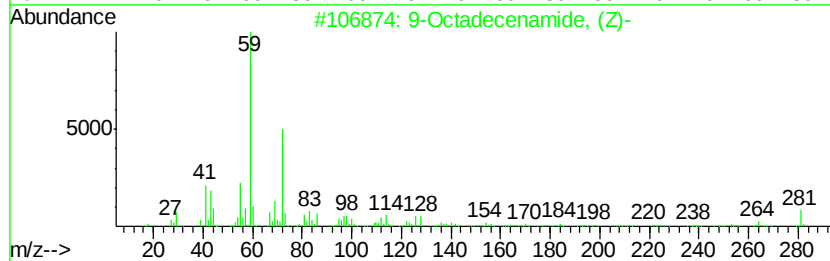
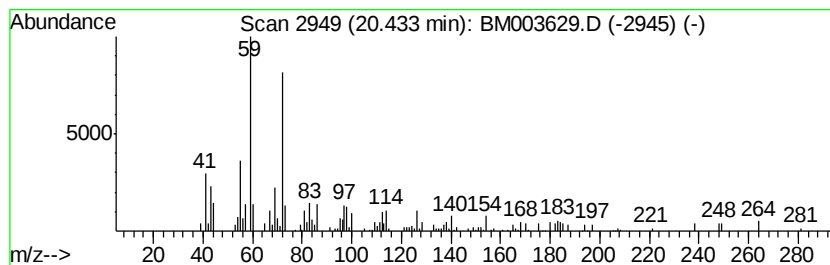
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Cyclic20.43 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.04 ng/ul	87840	Chrysene-d12	21.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2			Tetradecanamide	227	C14H29NO	000638-58-4	64
3			Decanamide-	171	C10H21NO	002319-29-1	64
4			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
5			9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
 Data File : BM003629.D
 Acq On : 19 Dec 2015 20:43
 Operator : UM/SJ
 Sample : G4801-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,3-...	4.08	2.8	ng/ul	65820	1	7.70	463234	20.0
Heptane, 2,6-dime...	4.65	3.6	ng/ul	82361	1	7.70	463234	20.0
Cyclohexane, ethyl-	4.85	3.4	ng/ul	79085	1	7.70	463234	20.0
Cyclohexane, 1,2,...	4.90	6.1	ng/ul	140989	1	7.70	463234	20.0
(DEL) Alkane: Bra...	5.29	4.9	ng/ul	113452	1	7.70	463234	20.0
Cyclopentane, 1-m...	5.57	4.8	ng/ul	111140	1	7.70	463234	20.0
Cyclohexane, 1-et...	5.66	3.7	ng/ul	85725	1	7.70	463234	20.0
1-Ethyl-4-methylc...	5.72	2.9	ng/ul	66515	1	7.70	463234	20.0
(DEL) Alkane: Str...	6.09	2.8	ng/ul	64656	1	7.70	463234	20.0
unknown-01	6.20	8.0	ng/ul	184641	1	7.70	463234	20.0
(DEL) Alkane: Str...	6.26	7.3	ng/ul	169534	1	7.70	463234	20.0
Cyclohexane, propyl-	6.33	9.3	ng/ul	215042	1	7.70	463234	20.0
unknown-02	6.37	7.2	ng/ul	167370	1	7.70	463234	20.0
(DEL) Alkane: Str...	6.60	4.6	ng/ul	106664	1	7.70	463234	20.0
(DEL) Alkane: Str...	6.69	9.1	ng/ul	209986	1	7.70	463234	20.0
unknown-03	7.60	3.8	ng/ul	88746	1	7.70	463234	20.0
(DEL) Alkane: Str...	7.76	2.8	ng/ul	65013	1	7.70	463234	20.0
(DEL) Alkane: Bra...	7.88	2.9	ng/ul	66745	1	7.70	463234	20.0
Cyclohexane, butyl-	7.98	7.0	ng/ul	162044	1	7.70	463234	20.0
(DEL) Alkane: Str...	8.22	3.9	ng/ul	89149	1	7.70	463234	20.0
(DEL) Alkane: Str...	8.28	3.6	ng/ul	82854	1	7.70	463234	20.0
(DEL) Alkane: Cyc...	8.35	5.4	ng/ul	125129	1	7.70	463234	20.0
(DEL) Alkane: Str...	8.46	3.8	ng/ul	88653	1	7.70	463234	20.0
Naphthalene, deca...	8.52	2.9	ng/ul	67975	1	7.70	463234	20.0
unknown-04	8.77	3.2	ng/ul	74748	1	7.70	463234	20.0
Benzene, 1-methyl...	8.80	7.4	ng/ul	170755	1	7.70	463234	20.0
unknown-05	9.01	3.4	ng/ul	79776	1	7.70	463234	20.0
unknown-06	9.05	5.4	ng/ul	125374	1	7.70	463234	20.0
2,6-Dimethyldecane	9.17	6.9	ng/ul	157076	2	10.49	457778	20.0
(DEL) Alkane: Str...	9.33	7.1	ng/ul	163008	2	10.49	457778	20.0
cis-Decalin, 2-sy...	9.40	5.1	ng/ul	116886	2	10.49	457778	20.0
trans-Decalin, 2-...	9.67	5.9	ng/ul	135383	2	10.49	457778	20.0
(DEL) Alkane: Str...	9.75	5.3	ng/ul	121088	2	10.49	457778	20.0
(DEL) Alkane: Str...	9.83	4.4	ng/ul	100142	2	10.49	457778	20.0
Benzene, 1,2,3,4-...	9.89	13.5	ng/ul	309518	2	10.49	457778	20.0
(DEL) Alkane: Cyc...	10.02	3.2	ng/ul	72755	2	10.49	457778	20.0
Benzene, 1-ethyl-...	10.71	3.9	ng/ul	88028	2	10.49	457778	20.0
(DEL) Alkane: Str...	10.77	2.8	ng/ul	63101	2	10.49	457778	20.0
Benzene, 1,3-dime...	10.86	3.3	ng/ul	74680	2	10.49	457778	20.0
Cyclohexane, 2-bu...	10.97	3.7	ng/ul	84172	2	10.49	457778	20.0
(DEL) Alkane: Str...	11.16	3.4	ng/ul	78797	2	10.49	457778	20.0
(DEL) Alkane: Str...	11.32	4.6	ng/ul	105187	2	10.49	457778	20.0
(DEL) Alkane: Str...	11.51	15.3	ng/ul	350472	2	10.49	457778	20.0
Naphthalene, 1,2,...	11.68	4.9	ng/ul	112283	2	10.49	457778	20.0
(DEL) Alkane: Bra...	11.77	4.5	ng/ul	104118	2	10.49	457778	20.0
Naphthalene, 1-me...	12.37	7.7	ng/ul	176088	2	10.49	457778	20.0
(DEL) Alkane: Str...	12.88	12.1	ng/ul	318537	3	14.35	526028	20.0
(DEL) Alkane: Cyc...	13.15	3.4	ng/ul	89584	3	14.35	526028	20.0
(DEL) Alkane: Str...	13.19	2.9	ng/ul	76041	3	14.35	526028	20.0

(DEL)	Alkane: Str...	13.26	5.0 ng/ul	130632	3	14.35	526028	20.0
(DEL)	Alkane: Str...	16.47	2.2 ng/ul	66113	4	17.10	590213	20.0
(DEL)	Alkane: Str...	16.91	4.6 ng/ul	136806	4	17.10	590213	20.0
(DEL)	Alkane: Cyc...	20.43	2.0 ng/ul	87840	5	21.30	860696	20.0

Instrument :

BNA_M

ClientSampleId :

G9C70