

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012628.D
 Acq On : 01 Nov 2017 06:41
 Operator : SJ/JU
 Sample : I6150-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-75

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	83	87	97	rVB2	951670	1639831	1.87%	0.333%
2	4.381	216	220	229	rVB3	661259	1172430	1.34%	0.238%
3	4.534	236	246	254	rVB	1067443	1754632	2.00%	0.357%
4	4.610	254	259	265	rBV	584050	897438	1.02%	0.182%
5	5.016	324	328	333	rVV	1434696	1962116	2.24%	0.399%
6	5.069	333	337	343	rVB	881712	1277740	1.46%	0.260%
7	5.569	415	422	430	rVB	1059058	1862549	2.12%	0.379%
8	5.746	445	452	459	rVV2	823523	1677841	1.91%	0.341%
9	5.816	459	464	469	rVV2	675052	1217702	1.39%	0.248%
10	5.875	469	474	483	rVV2	768994	1532119	1.75%	0.312%
11	6.140	511	519	522	rBV3	688651	1527191	1.74%	0.311%
12	6.351	548	555	563	rBV4	1737980	4635949	5.28%	0.943%
13	6.493	570	579	596	rBV6	992499	2786593	3.18%	0.567%
14	6.846	629	639	644	rBV2	743726	1437739	1.64%	0.292%
15	6.998	660	665	668	rBV2	844934	1550418	1.77%	0.315%
16	7.122	680	686	691	rBV	2402971	3512157	4.00%	0.714%
17	7.187	691	697	702	rBV	2029977	3108356	3.54%	0.632%
18	7.393	727	732	738	rVV	2120191	3600289	4.10%	0.732%
19	7.457	738	743	747	rVV	1032404	1556476	1.77%	0.316%
20	7.563	756	761	768	rVB3	542915	1096666	1.25%	0.223%
21	7.757	784	794	799	rBV3	1017846	2272727	2.59%	0.462%
22	7.851	799	810	816	rVB2	1885376	4035054	4.60%	0.821%
23	8.122	846	856	860	rBV	3711070	6675038	7.61%	1.357%
24	8.163	860	863	867	rVV	1981081	2730303	3.11%	0.555%
25	8.228	867	874	880	rVB	10753562	16866503	19.22%	3.430%
26	8.340	886	893	902	rVB	3566446	5475071	6.24%	1.113%
27	8.492	914	919	923	rBV3	669801	1262647	1.44%	0.257%
28	8.545	923	928	930	rBV	1846427	3193780	3.64%	0.649%
29	8.681	942	951	956	rBV3	600003	1146746	1.31%	0.233%
30	8.957	988	998	1003	rVV	11996376	19783604	22.54%	4.023%
31	9.040	1003	1012	1022	rVB3	8153411	17898013	20.39%	3.639%
32	9.192	1030	1038	1041	rBV3	891335	1921223	2.19%	0.391%
33	9.298	1048	1056	1064	rBV	1308325	2778987	3.17%	0.565%
34	9.475	1081	1086	1091	rBV	4560232	7079065	8.07%	1.439%

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35	9.592	1100	1106	1113	rBV6	391565	933659	1.06%	0.190%
36	9.675	1113	1120	1125	rVV	3655149	6708568	7.64%	1.364%
37	9.734	1125	1130	1136	rVB	2674735	4540812	5.17%	0.923%
38	9.839	1141	1148	1154	rBV2	1508805	3490857	3.98%	0.710%
39	9.892	1154	1157	1161	rVB	901308	1213226	1.38%	0.247%
40	10.004	1168	1176	1178	rBV	639508	1408530	1.61%	0.286%
41	10.051	1178	1184	1191	rVV2	9719254	17570040	20.02%	3.573%
42	10.116	1191	1195	1203	rVB5	483862	1042598	1.19%	0.212%
43	10.275	1203	1222	1230	rBV2	5778093	14893150	16.97%	3.028%
44	10.345	1230	1234	1237	rBV	702570	1055051	1.20%	0.215%
45	10.386	1237	1241	1246	rBV4	613543	1160247	1.32%	0.236%
46	10.486	1253	1258	1263	rBV	974854	1979744	2.26%	0.403%
47	10.645	1279	1285	1290	rVB2	2874204	5152091	5.87%	1.048%
48	10.692	1290	1293	1299	rVB3	962595	1689538	1.93%	0.344%
49	10.804	1299	1312	1320	rBV	41069075	87757535	100.00%	17.845%
50	10.945	1329	1336	1343	rVB3	727367	1883555	2.15%	0.383%
51	11.145	1360	1370	1375	rVB	1625842	4444500	5.06%	0.904%
52	11.233	1379	1385	1395	rBV6	1030741	2568532	2.93%	0.522%
53	11.545	1434	1438	1445	rVB6	713640	1408438	1.60%	0.286%
54	11.751	1468	1473	1483	rVB6	813776	2151281	2.45%	0.437%
55	11.869	1484	1493	1494	rBV5	533571	1396830	1.59%	0.284%
56	11.922	1496	1502	1507	rVB	4502179	7246427	8.26%	1.474%
57	11.992	1508	1514	1518	rBV	1349207	2151848	2.45%	0.438%
58	12.145	1529	1540	1544	rBV7	1083336	2946767	3.36%	0.599%
59	12.198	1545	1549	1554	rVB3	1013353	1731754	1.97%	0.352%
60	12.345	1567	1574	1582	rBV3	1705098	4209308	4.80%	0.856%
61	12.428	1583	1588	1596	rBV6	1224095	3503320	3.99%	0.712%
62	12.528	1601	1605	1609	rVB	2178813	3020111	3.44%	0.614%
63	12.575	1609	1613	1615	rBV3	995483	1477769	1.68%	0.300%
64	12.604	1615	1618	1622	rVB	1026459	1397848	1.59%	0.284%
65	12.822	1650	1655	1659	rBV3	1580834	2806936	3.20%	0.571%
66	12.939	1671	1675	1680	rVB2	1172113	1718432	1.96%	0.349%
67	13.057	1689	1695	1700	rBV2	1564048	3090912	3.52%	0.629%
68	13.227	1719	1724	1727	rVV	1043881	1505460	1.72%	0.306%
69	13.351	1740	1745	1748	rBV3	586880	1123657	1.28%	0.228%
70	13.386	1748	1751	1755	rVB3	893511	1218693	1.39%	0.248%
71	13.457	1759	1763	1770	rVB3	1703322	3122933	3.56%	0.635%

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72	13.786	1812	1819	1828	rVV2	3054484	7505397	8.55%	1.526%
73	13.898	1831	1838	1843	rVV	6232805	9046129	10.31%	1.839%
74	14.180	1880	1886	1892	rBV	9151953	15086674	17.19%	3.068%
75	14.351	1911	1915	1926	rVB	1609887	3344961	3.81%	0.680%
76	14.486	1933	1938	1951	rVB4	6348697	11635897	13.26%	2.366%
77	14.586	1951	1955	1964	rBV2	2243990	4117249	4.69%	0.837%
78	14.710	1970	1976	1983	rVV3	1471683	3433332	3.91%	0.698%
79	14.786	1983	1989	1997	rVB	3470584	6098419	6.95%	1.240%
80	14.916	2004	2011	2014	rBV5	852810	1977412	2.25%	0.402%
81	15.039	2029	2032	2035	rBV	681702	967043	1.10%	0.197%
82	15.104	2040	2043	2048	rVV	846282	1116613	1.27%	0.227%
83	15.169	2048	2054	2059	rVV	3475205	5470944	6.23%	1.112%
84	15.227	2060	2064	2070	rVV5	673193	1820259	2.07%	0.370%
85	15.286	2070	2074	2077	rVV3	1459168	2572393	2.93%	0.523%
86	15.327	2077	2081	2091	rVV3	2639771	5076107	5.78%	1.032%
87	15.410	2091	2095	2101	rVV	1081216	1544037	1.76%	0.314%
88	15.480	2101	2107	2116	rVV	8130390	12456096	14.19%	2.533%
89	15.610	2122	2129	2140	rVV3	3079650	5827982	6.64%	1.185%
90	15.721	2144	2148	2154	rVB2	653713	953809	1.09%	0.194%
91	17.233	2399	2405	2411	rVB2	4241722	6179398	7.04%	1.257%
92	17.333	2416	2422	2431	rVB	7810119	11766141	13.41%	2.393%
93	19.621	2805	2811	2816	rBV	8070141	10752307	12.25%	2.186%
94	21.403	3110	3114	3119	rVB	4408947	5381947	6.13%	1.094%
95	23.562	3475	3481	3490	rVB2	6107067	11863853	13.52%	2.412%
96	23.703	3500	3505	3515	rVB2	3201069	6138089	6.99%	1.248%

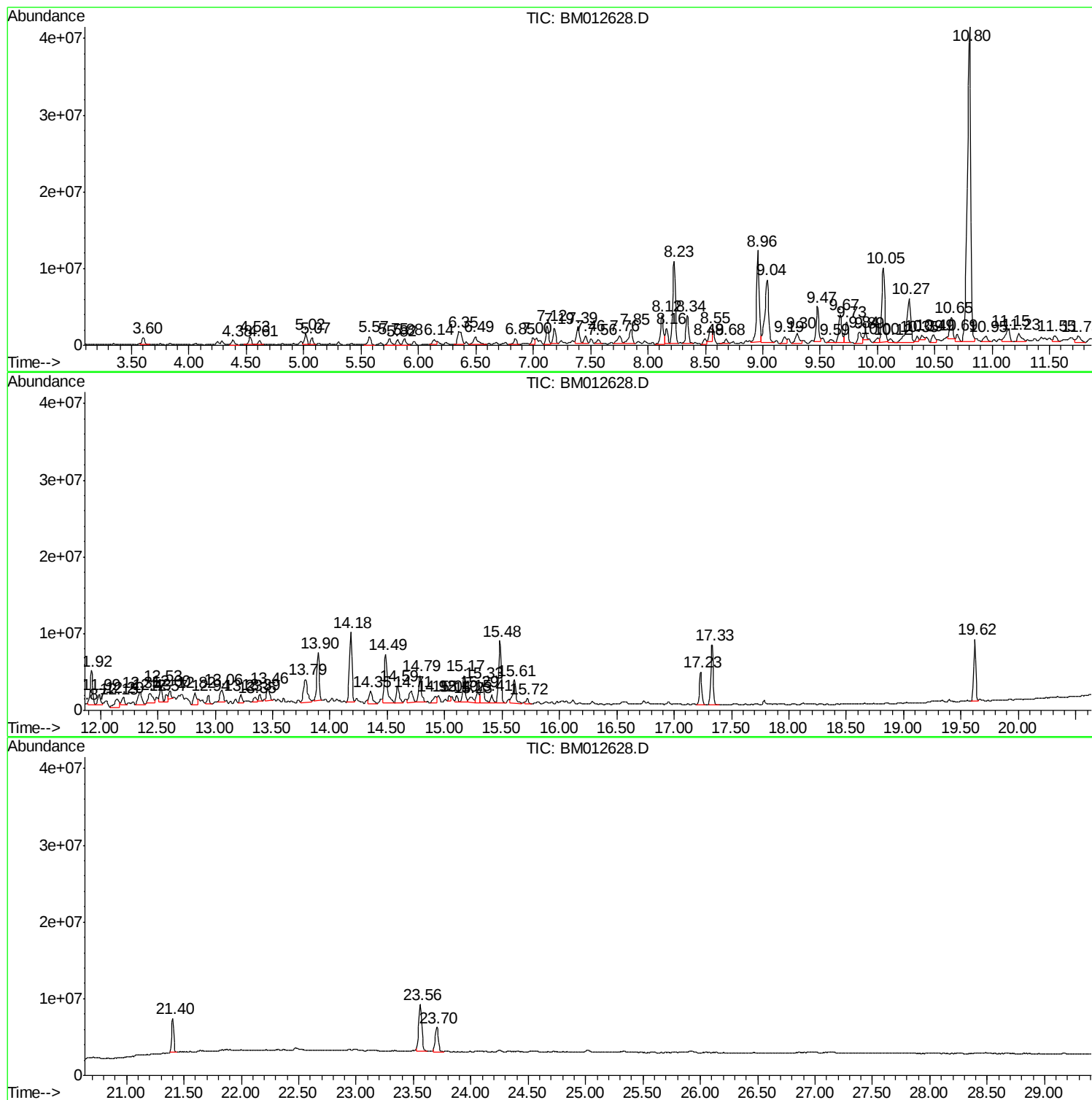
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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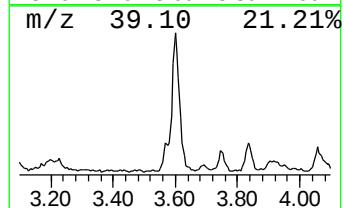
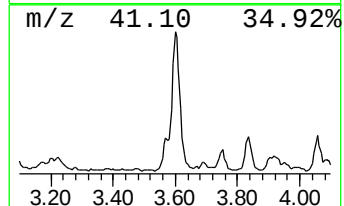
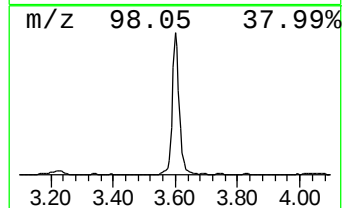
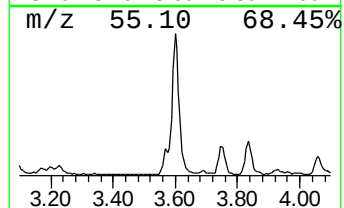
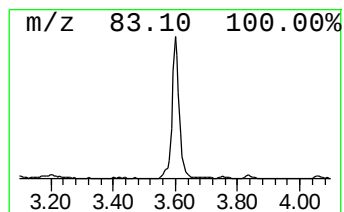
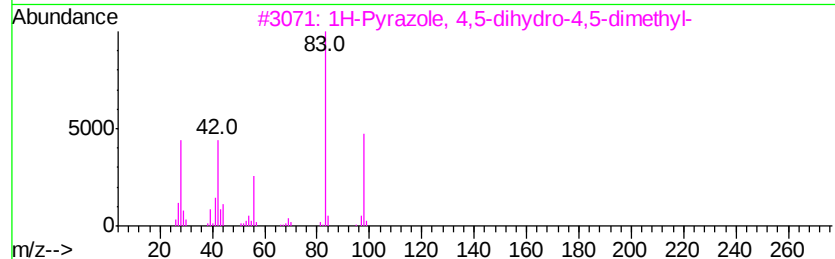
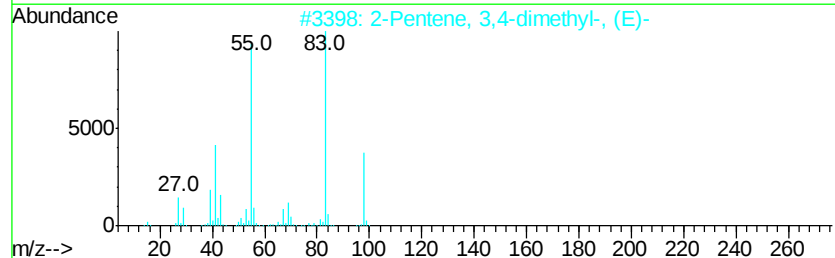
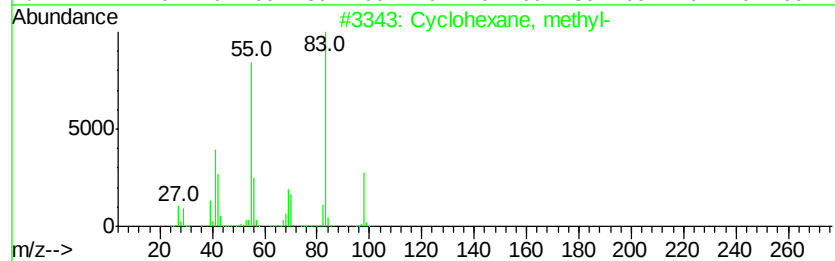
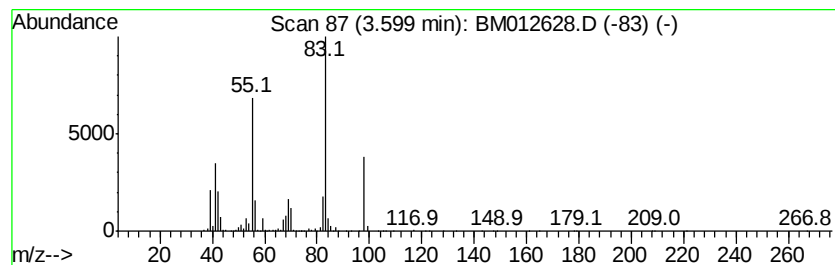
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.60 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	8.13 ng/ul	1639830	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	68
3		1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
4		1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	59
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	59



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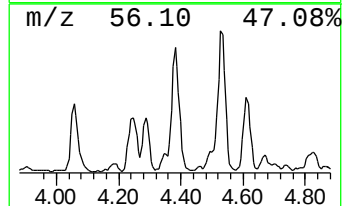
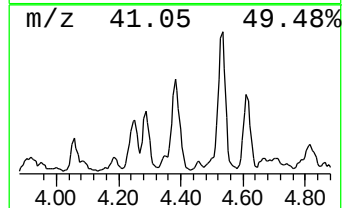
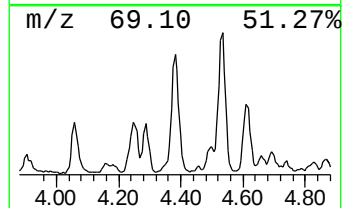
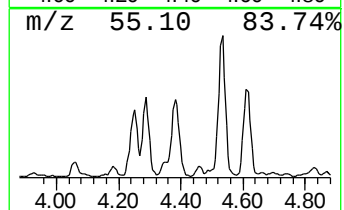
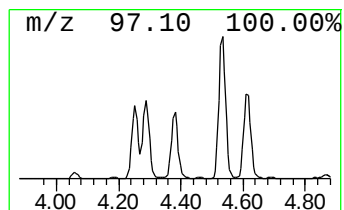
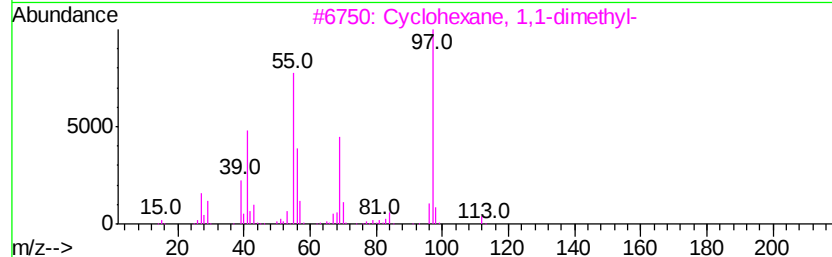
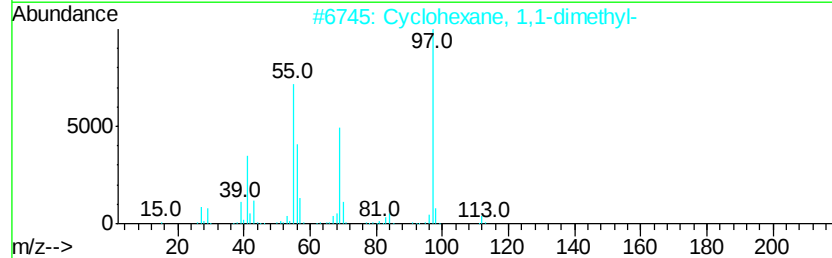
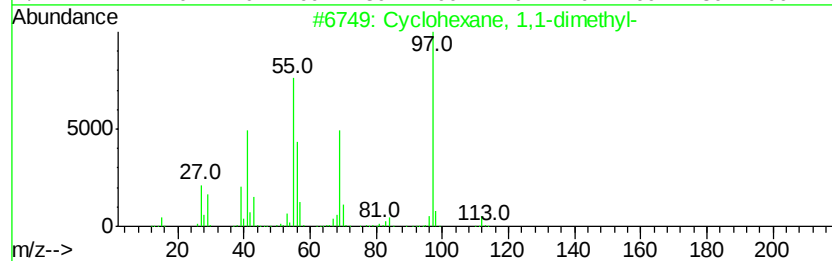
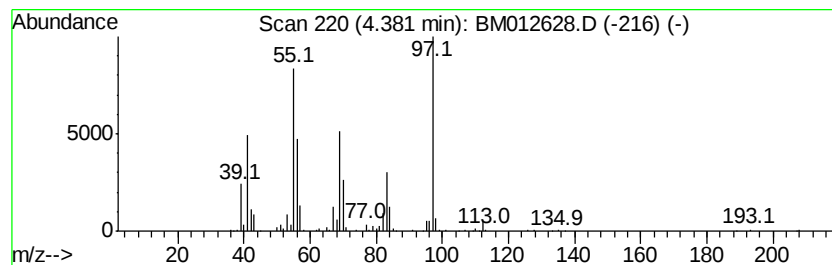
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic4.38 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	5.81 ng/ul	1172430	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	76
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	68
5			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	58



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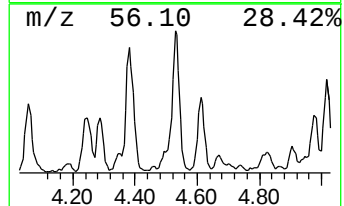
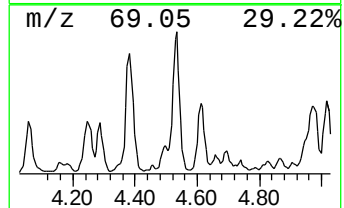
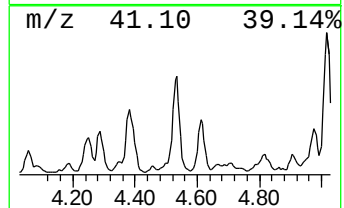
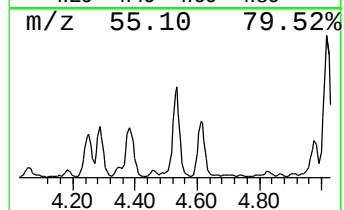
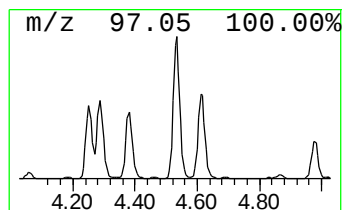
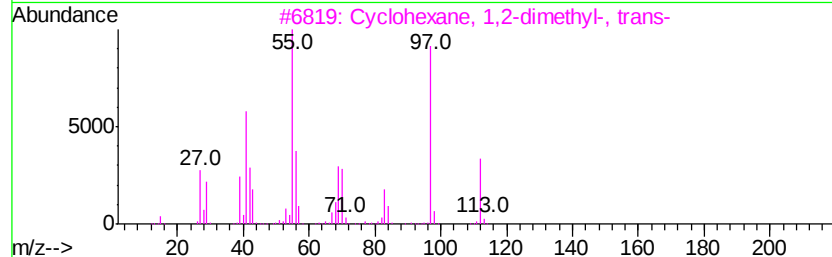
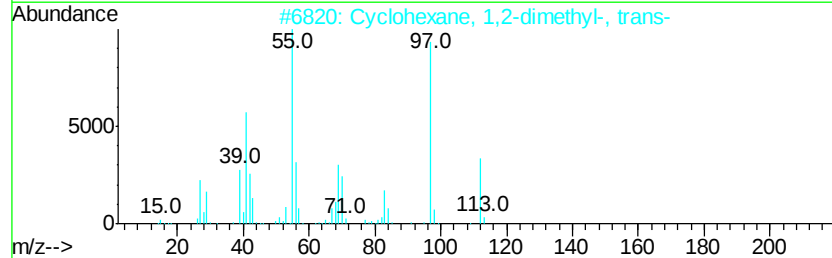
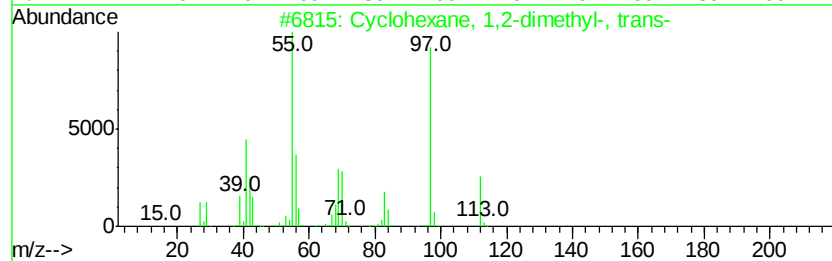
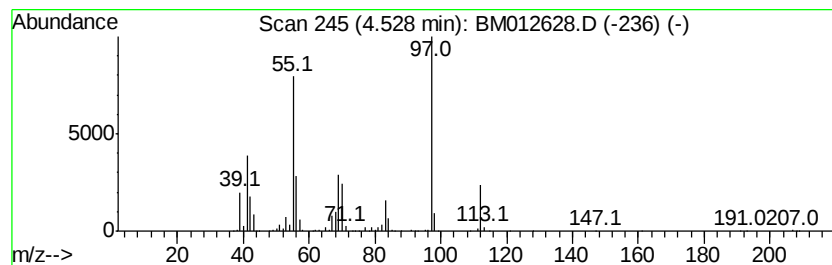
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Peak Number 3 (DEL) Alkane: Cyclic4.53 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	8.70 ng/ul	1754630	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
4			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	91
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Operator : SJ/JU
Sample : I6150-02
Misc :
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Instrument :
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ClientSampleId :
TWP-B-75

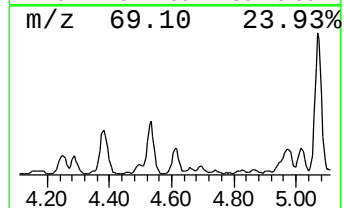
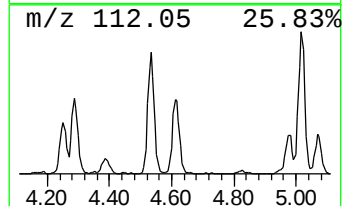
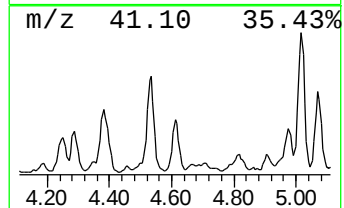
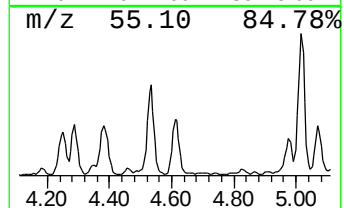
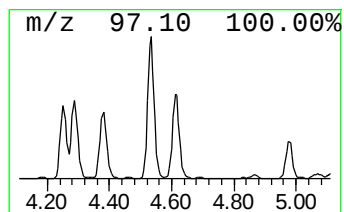
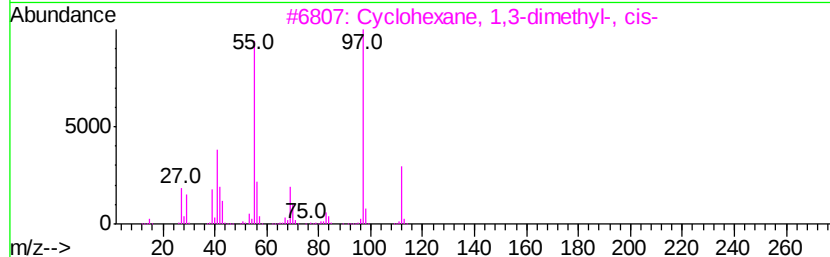
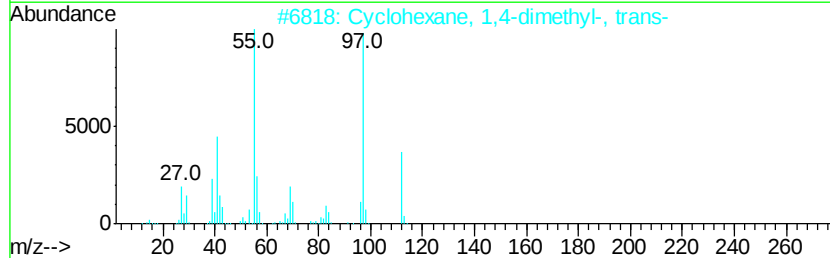
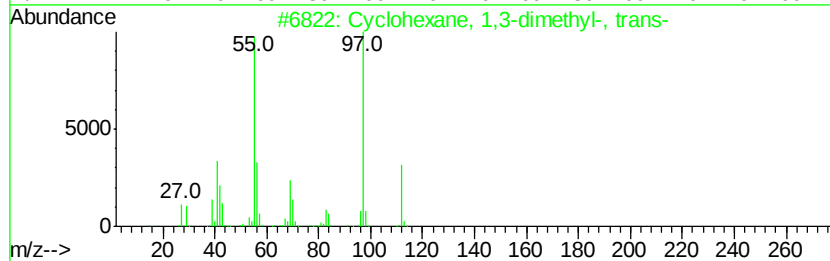
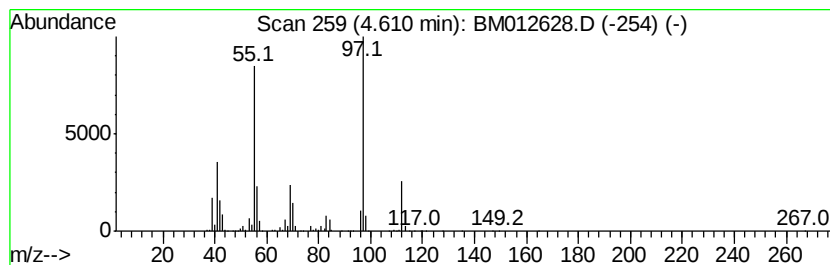
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic4.61 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	4.45 ng/ul	897438	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

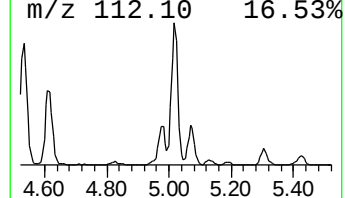
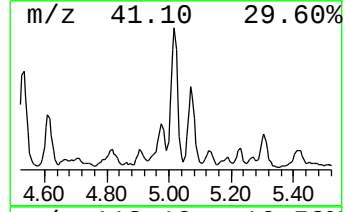
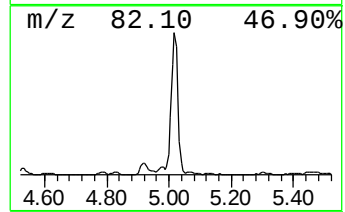
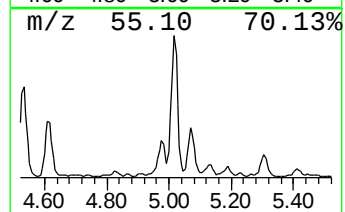
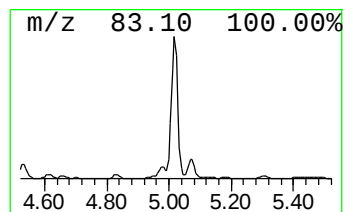
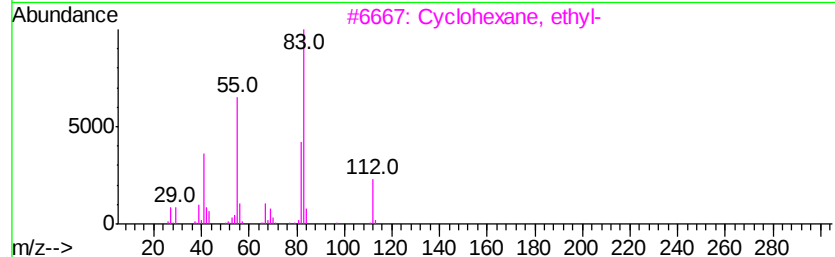
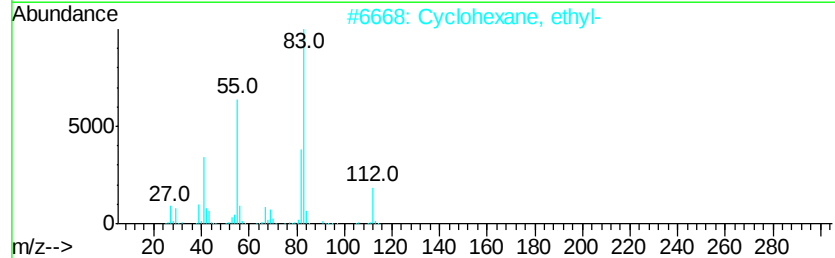
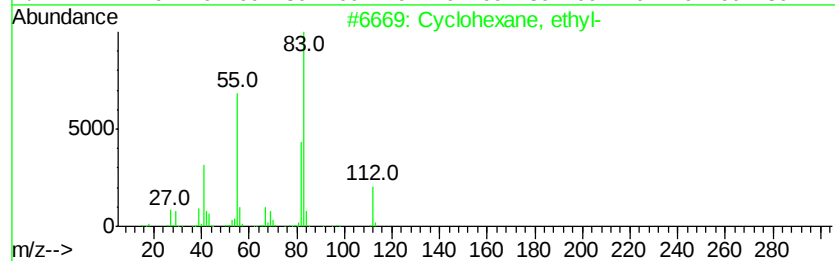
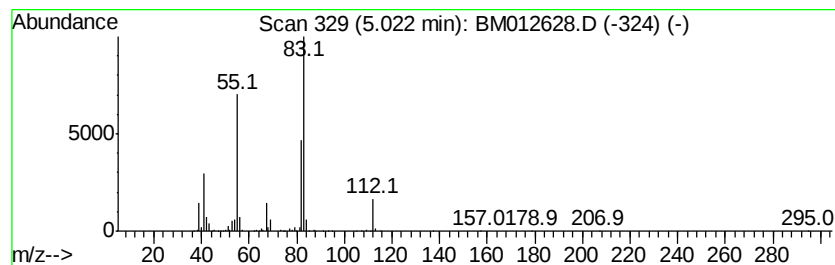
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic5.02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	9.73 ng/ul	1962120	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	94
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
5		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

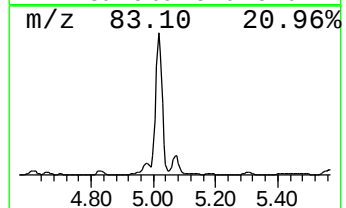
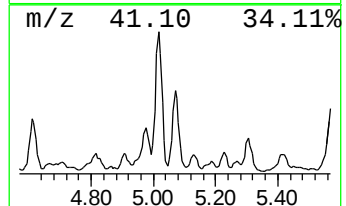
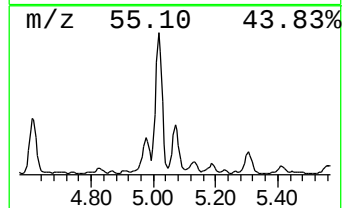
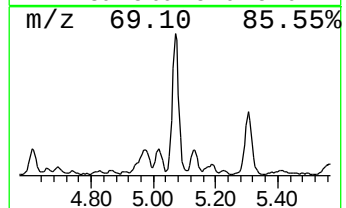
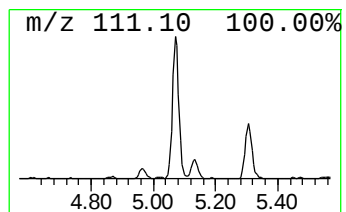
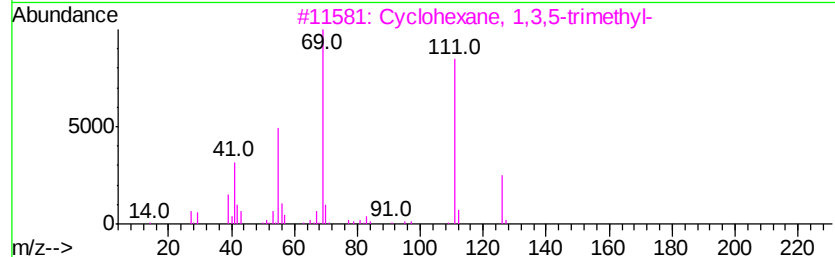
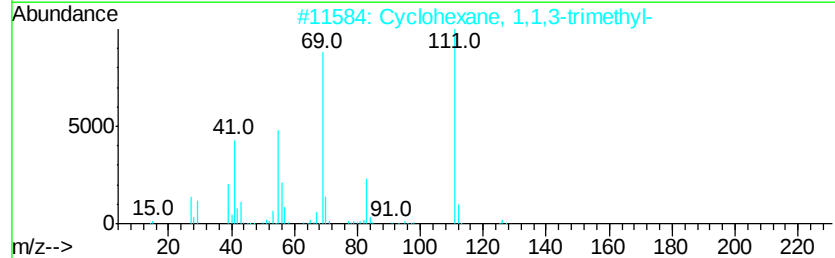
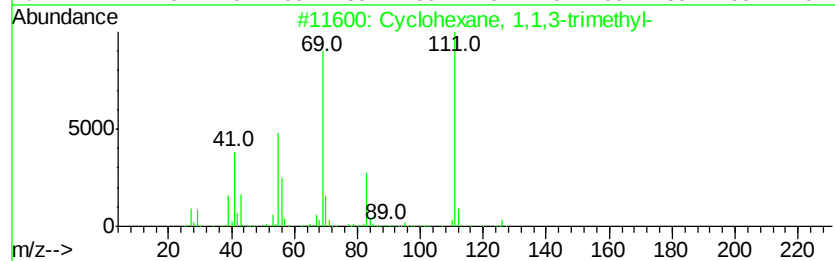
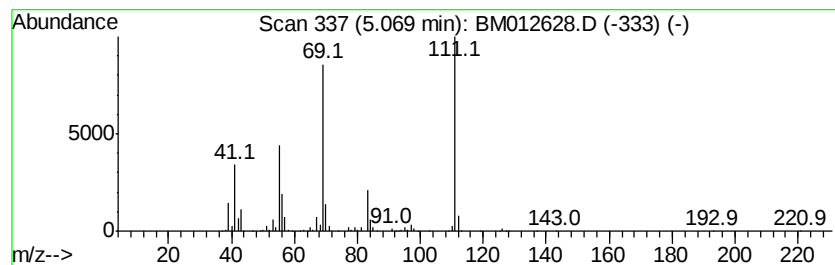
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic5.07 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.33 ng/ul	1277740	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

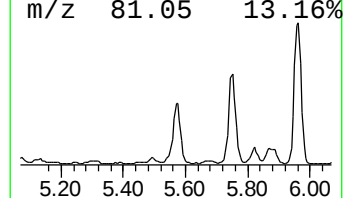
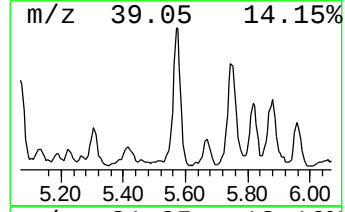
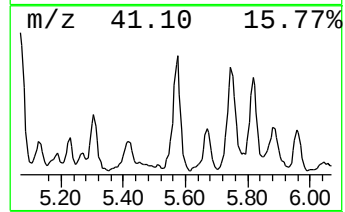
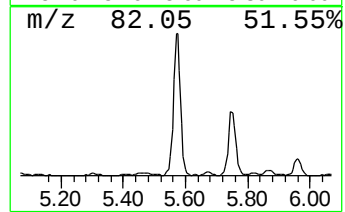
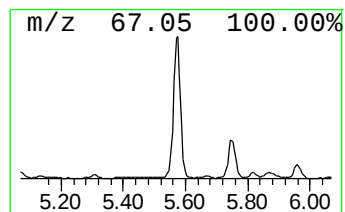
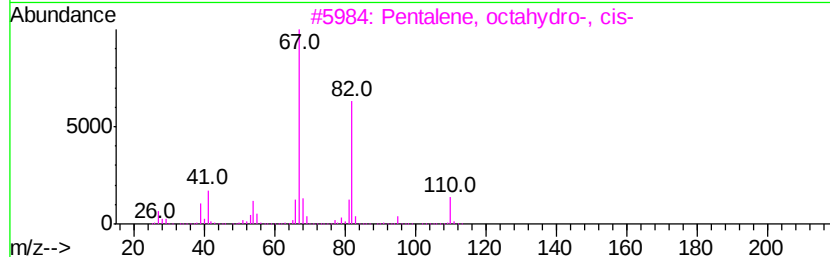
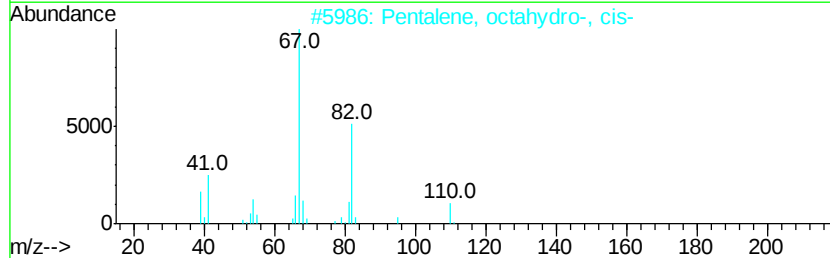
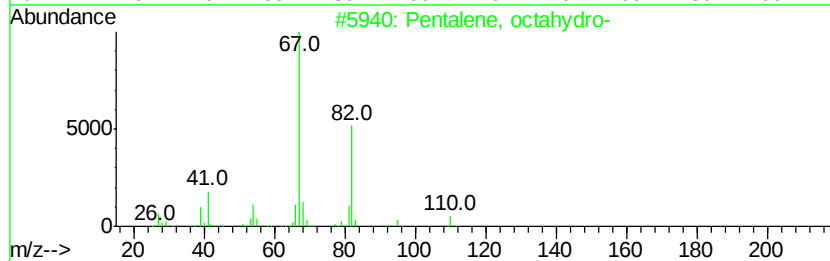
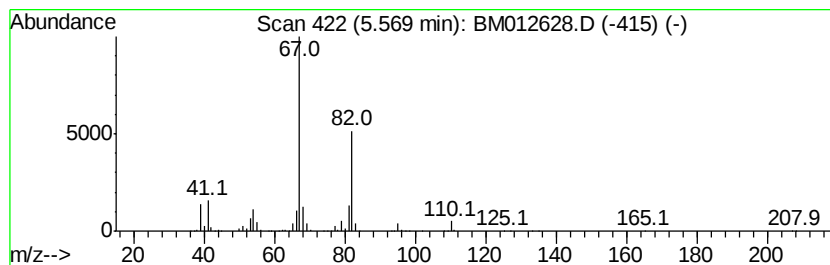
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pentalene, octahydro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	9.23 ng/ul	1862550	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-	110	C8H14	000694-72-4	94
2		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
3		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	83
4		E-1-Methoxy-4-hexene	114	C7H14O	134777-60-9	72
5		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
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Misc :
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ClientSampleId :
TWP-B-75

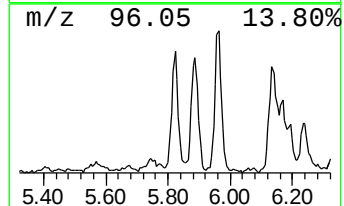
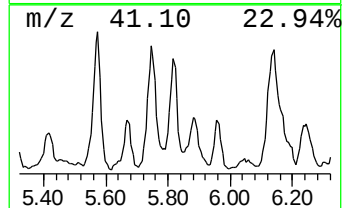
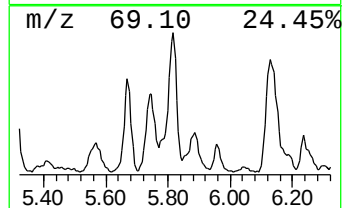
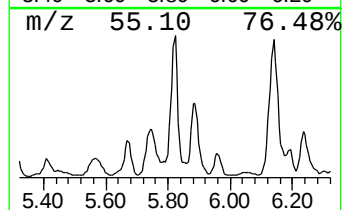
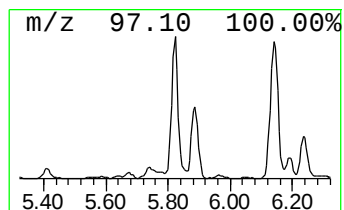
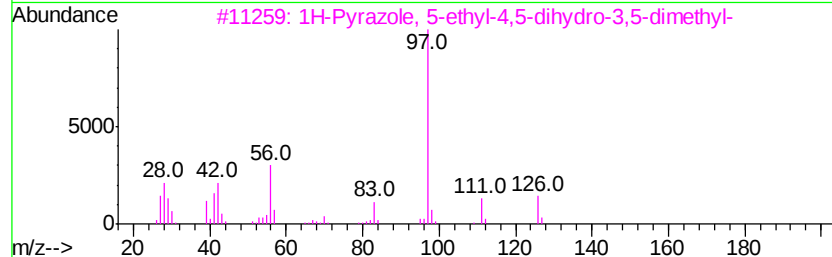
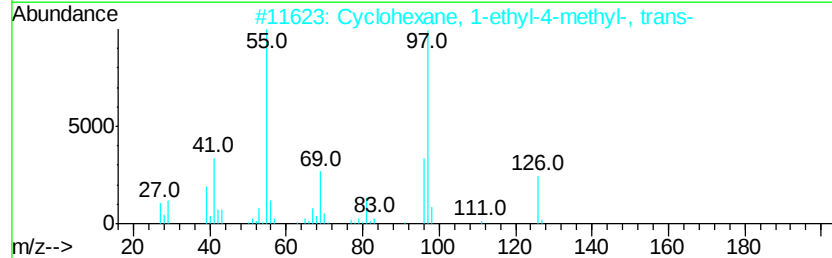
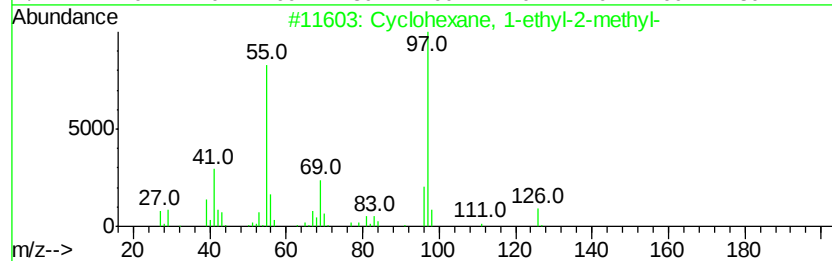
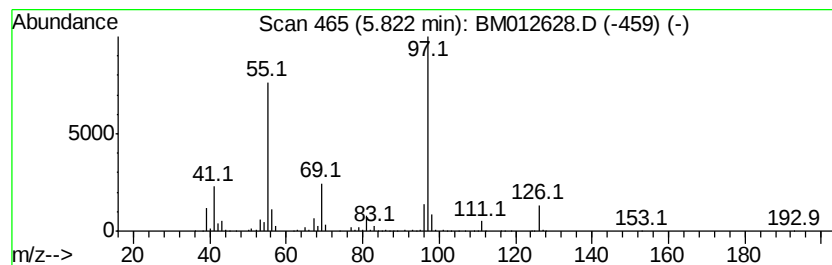
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic5.82 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	6.04 ng/ul	1217700	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3		1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	72
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
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TWP-B-75

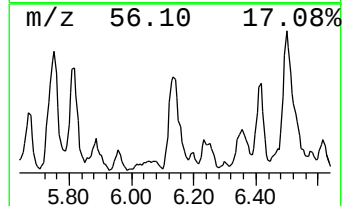
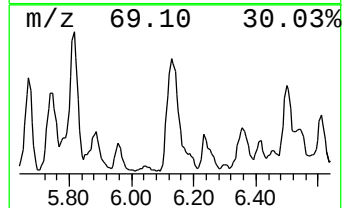
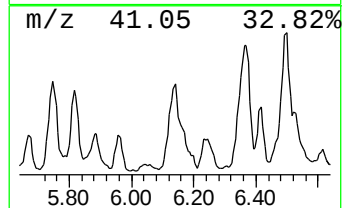
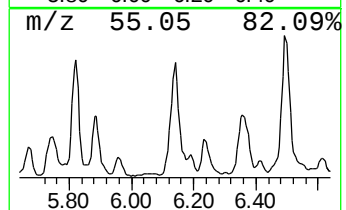
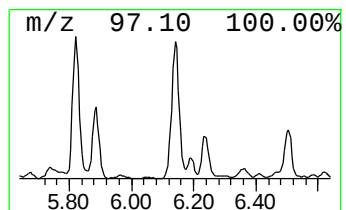
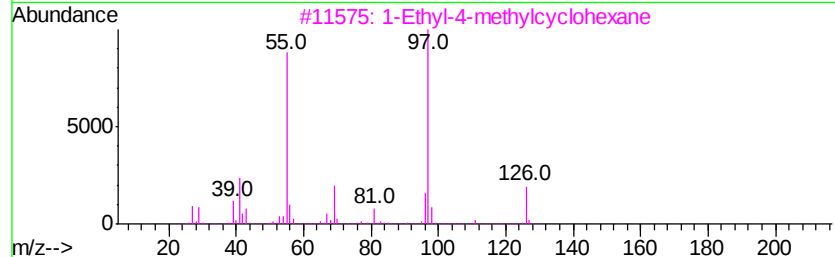
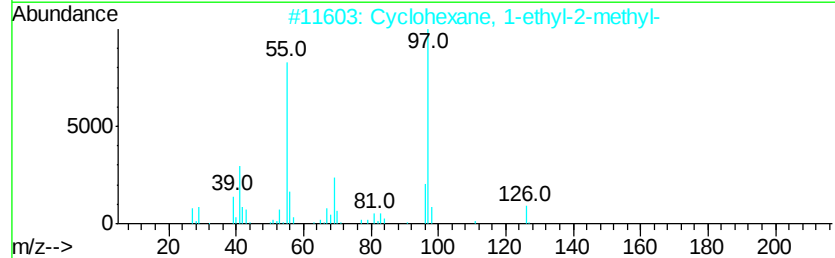
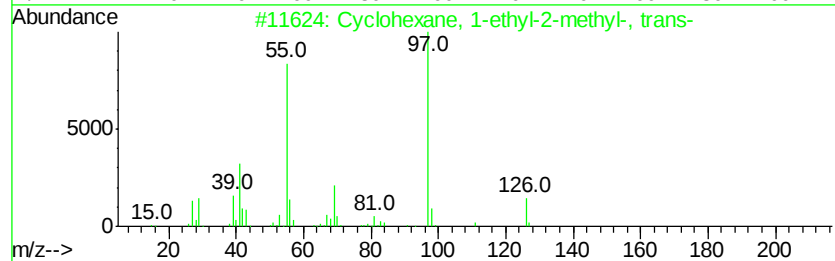
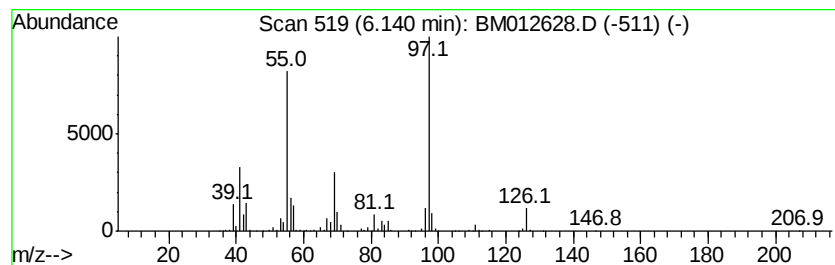
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic6.14 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	7.57 ng/ul	1527190	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4			4-Octen-3-one	126	C8H14O	014129-48-7	72
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
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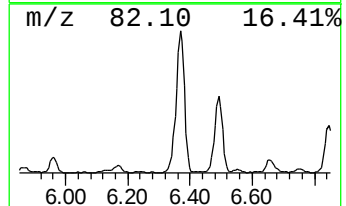
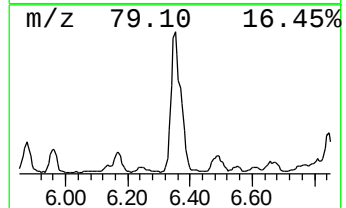
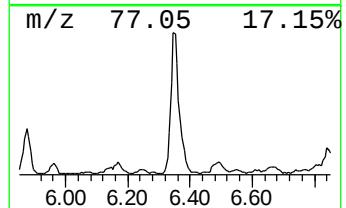
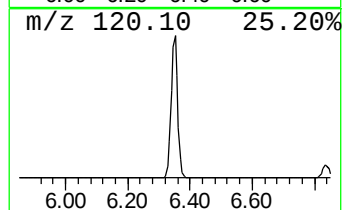
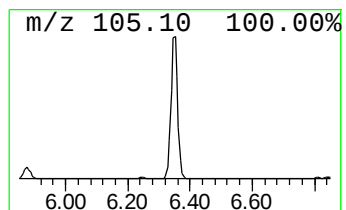
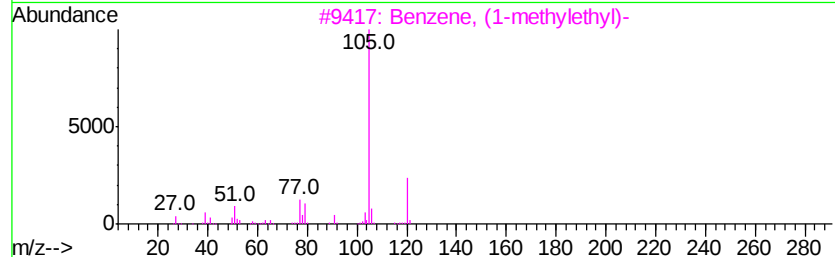
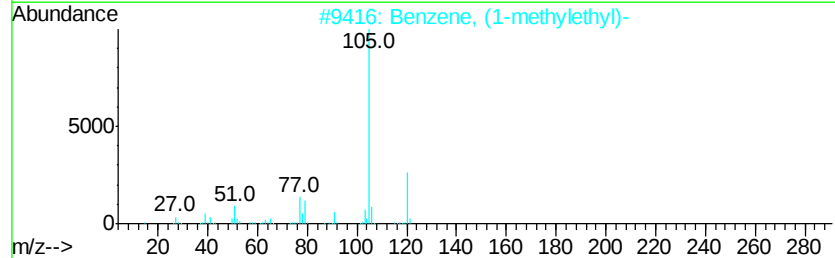
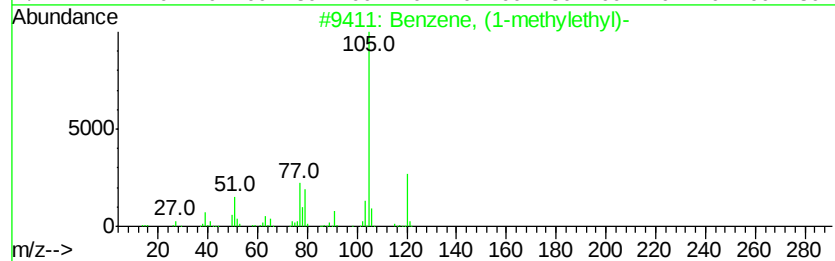
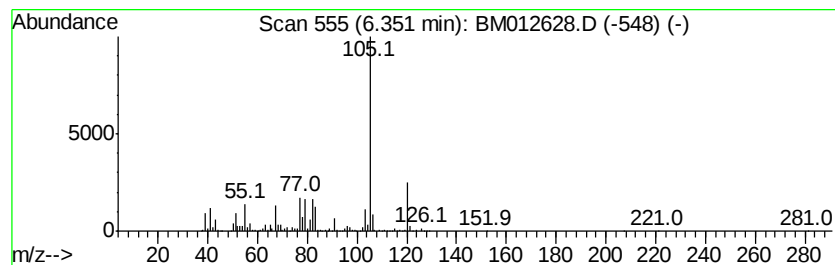
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	22.98 ng/ul	4635950	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	83
2		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

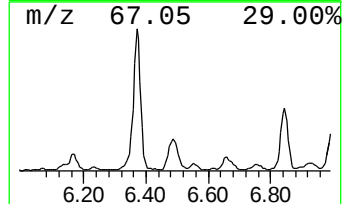
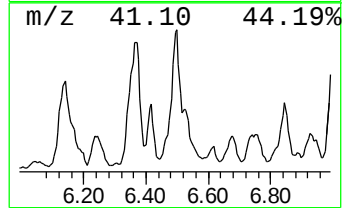
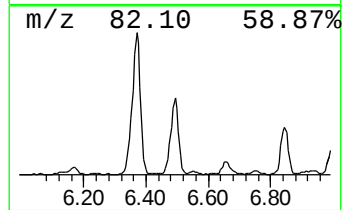
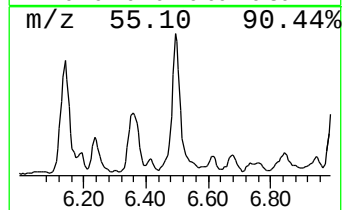
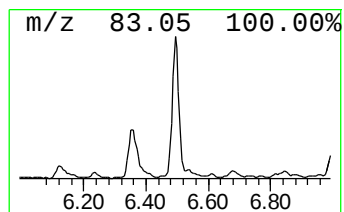
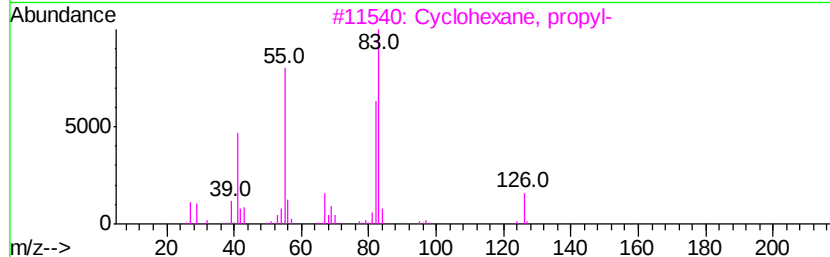
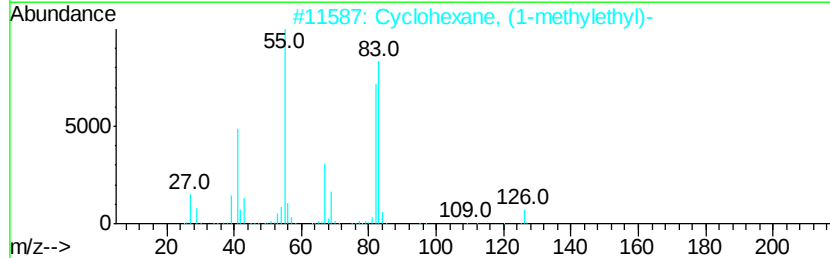
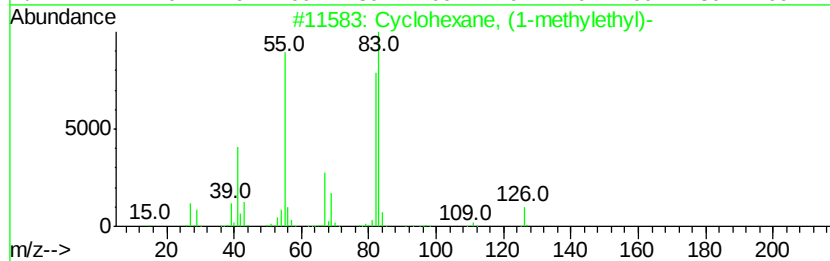
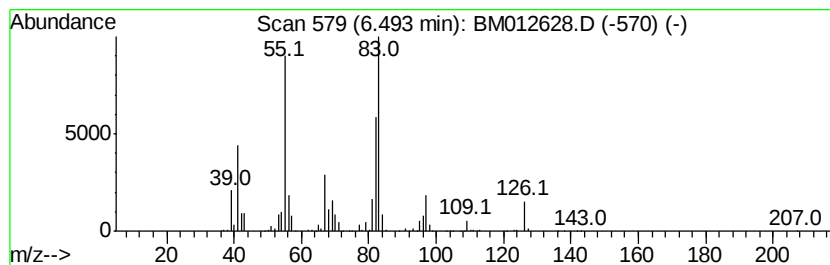
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic6.49 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	13.81 ng/ul	2786590	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
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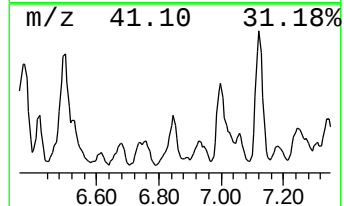
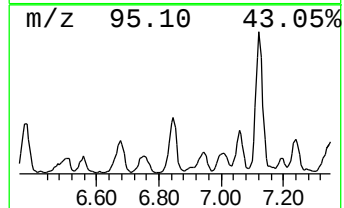
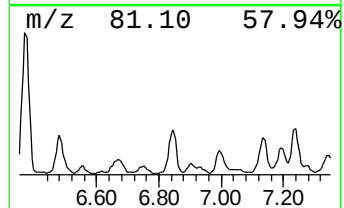
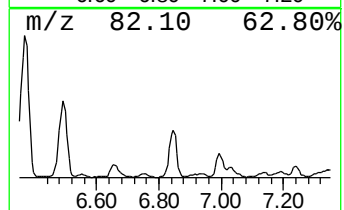
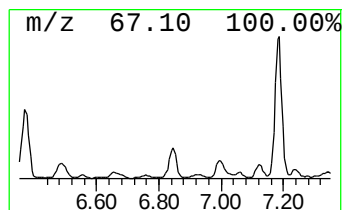
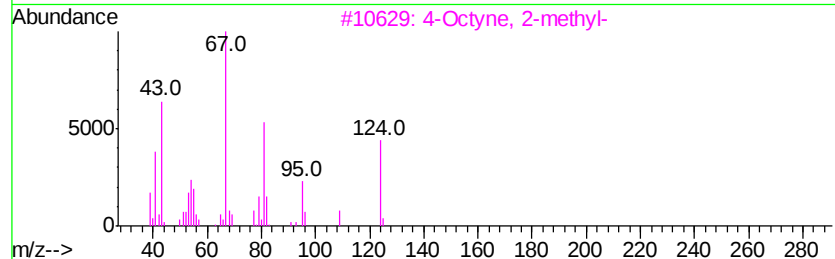
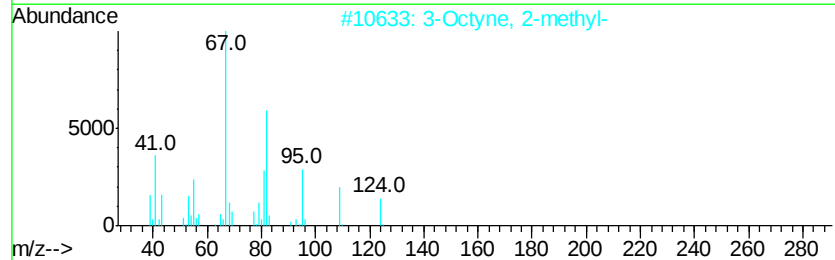
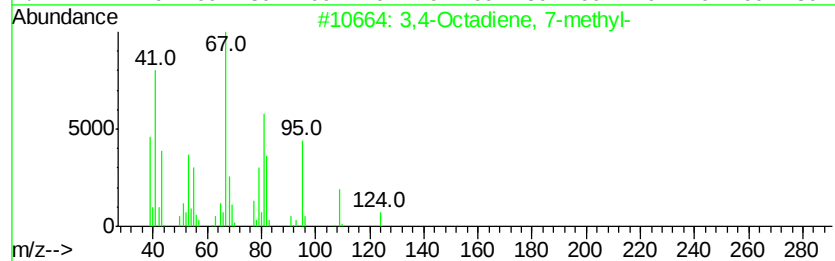
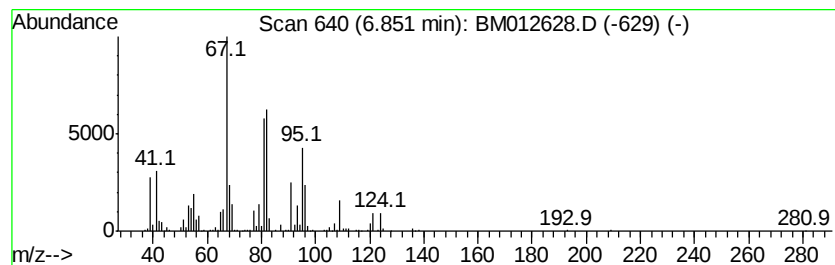
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 3,4-Octadiene, 7-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	7.13 ng/ul	1437740	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	72
2			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	70
3			4-Octyne, 2-methyl-	124	C9H16	010306-94-2	46
4			Cyclopropene, 1-butyl-2-ethyl-	124	C9H16	050915-91-8	46
5			Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
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Misc :
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ClientSampleId :
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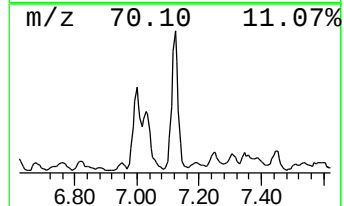
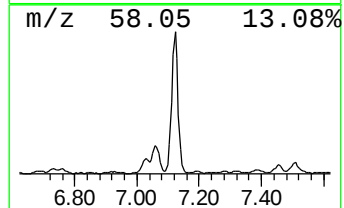
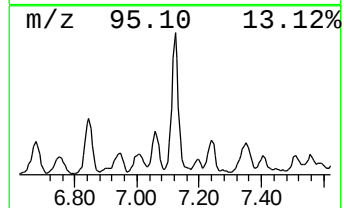
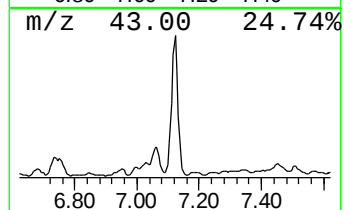
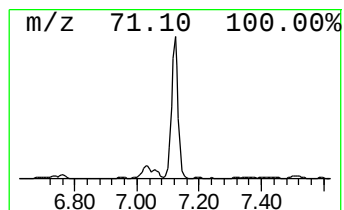
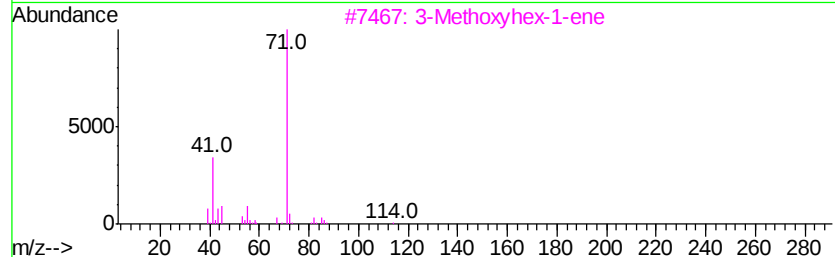
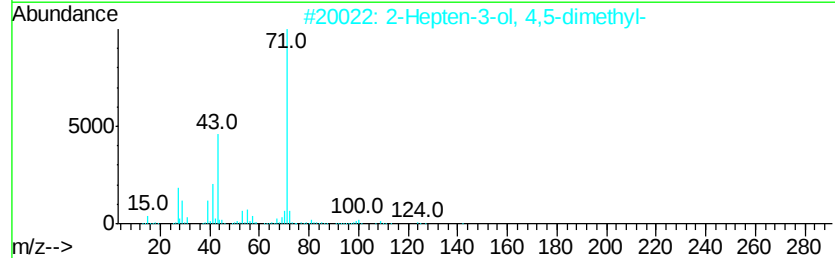
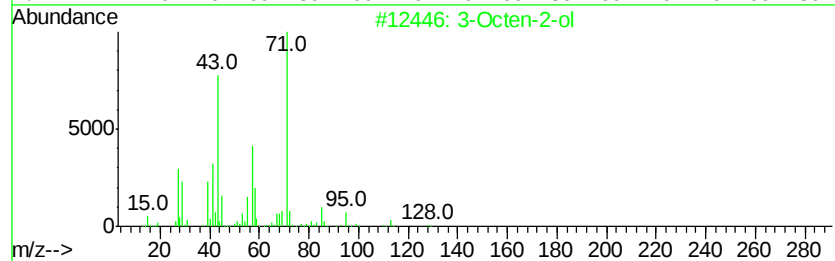
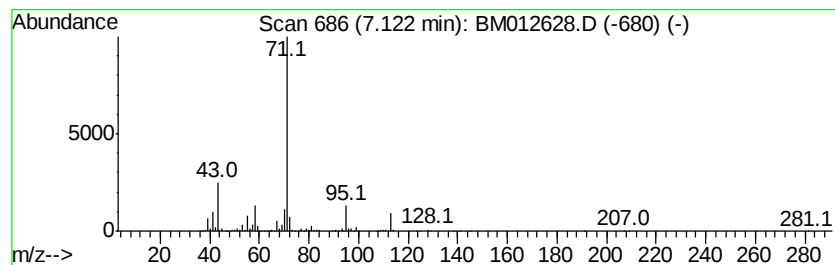
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 3-Octen-2-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	17.41 ng/ul	3512160	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octen-2-ol	128	C8H16O	076649-14-4	72
2			2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	53
3			3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	53
4			Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	50
5			3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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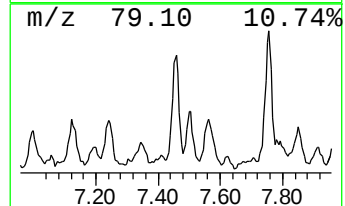
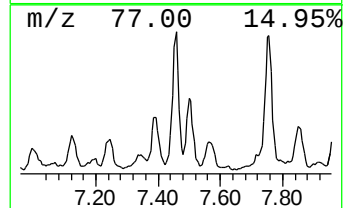
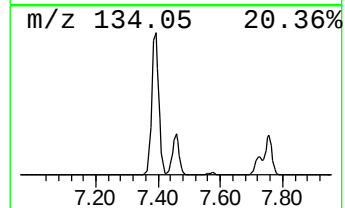
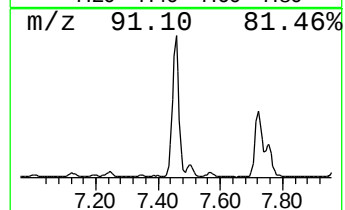
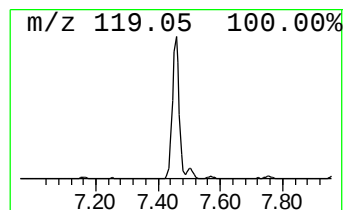
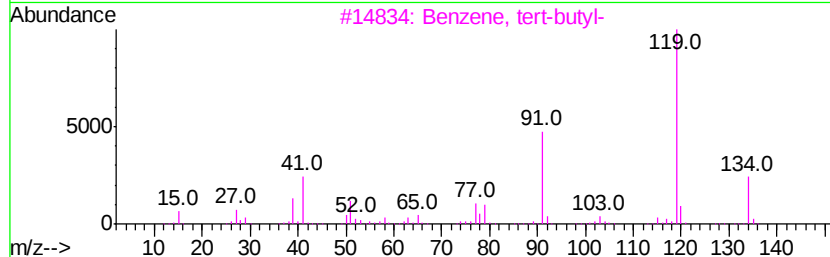
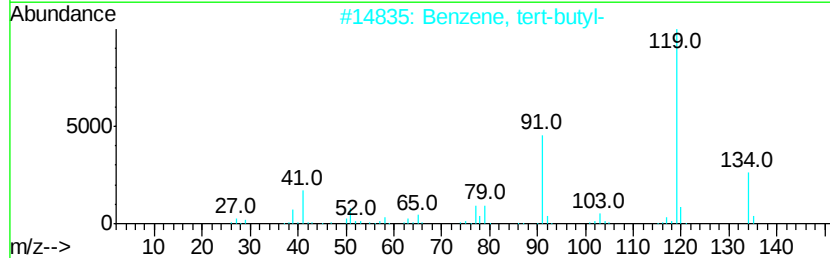
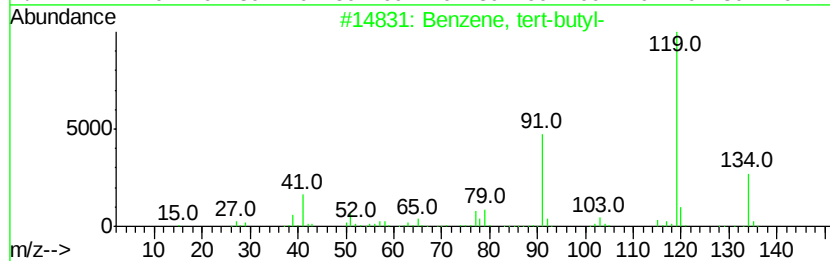
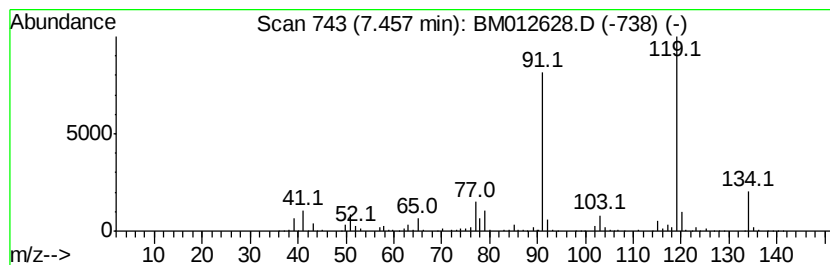
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, tert-butyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	7.71 ng/ul	1556480	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, tert-butyl-	134	C10H14	000098-06-6	93
2		Benzene, tert-butyl-	134	C10H14	000098-06-6	87
3		Benzene, tert-butyl-	134	C10H14	000098-06-6	87
4		Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	74
5		Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
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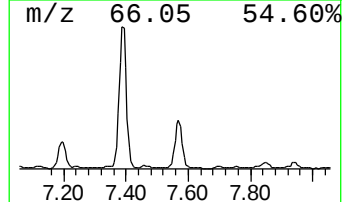
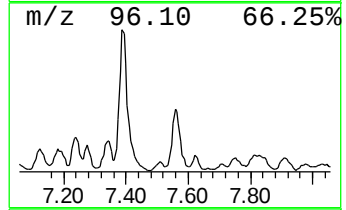
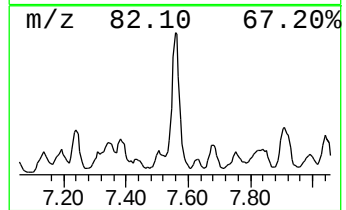
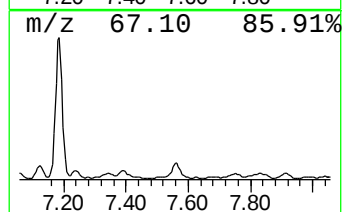
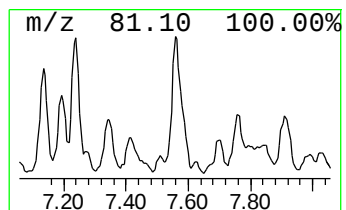
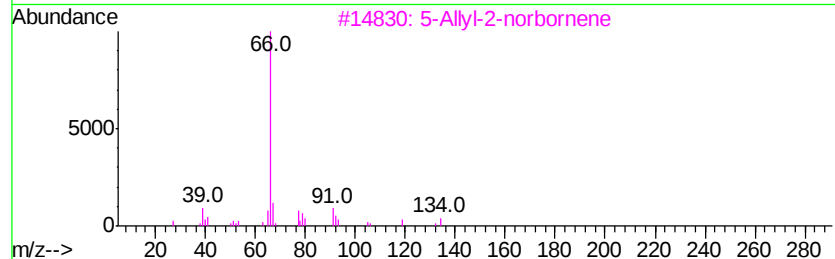
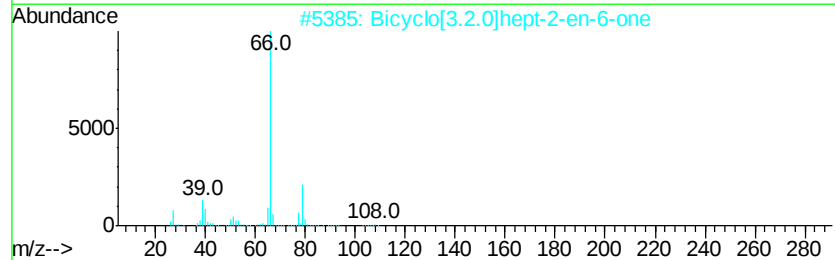
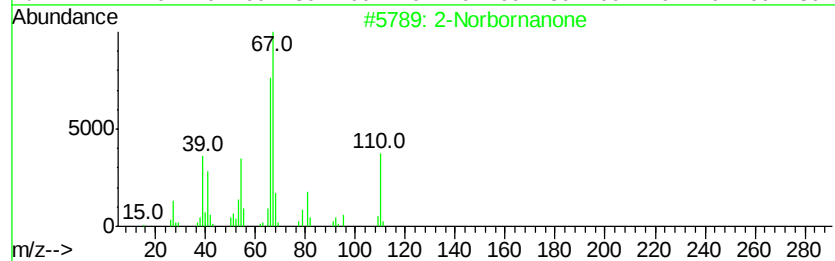
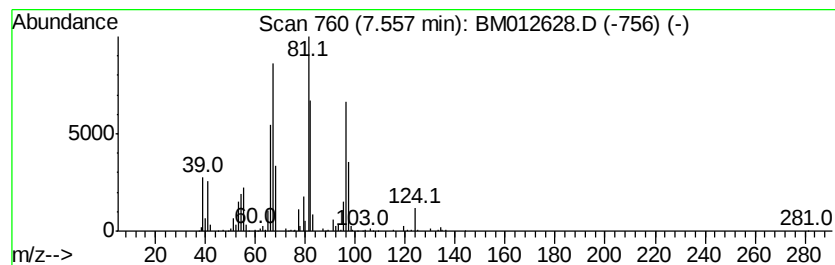
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 2-Norbornanone Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	5.44 ng/ul	1096670	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Norbornanone	110	C7H10O	000497-38-1	50
2			Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	43
3			5-Allyl-2-norbornene	134	C10H14	031663-53-3	43
4			Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	38
5			Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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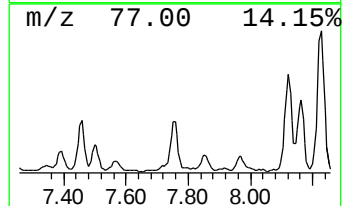
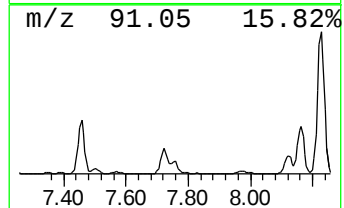
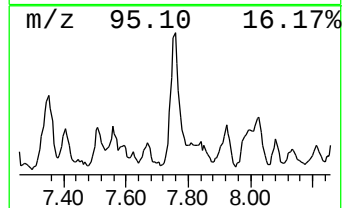
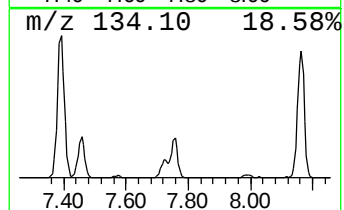
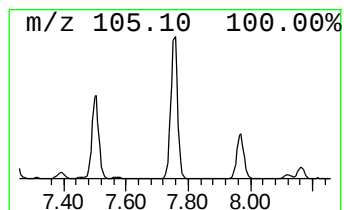
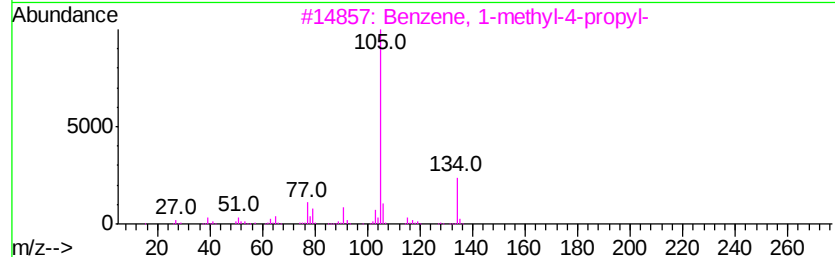
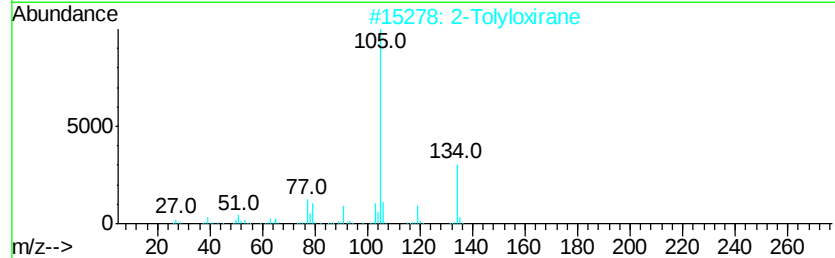
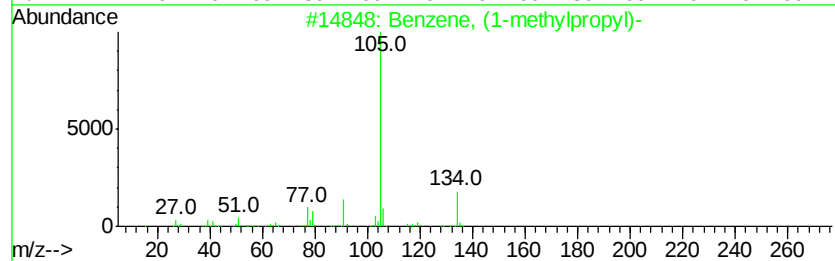
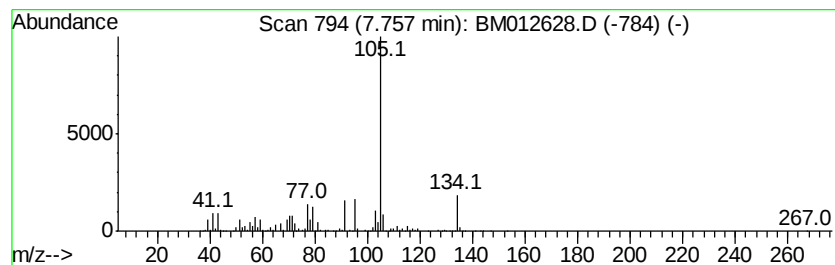
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TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, (1-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	11.26 ng/ul	2272730	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2		2-Tolyloxirane	134	C9H10O	002783-26-8	87
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
TWP-B-75

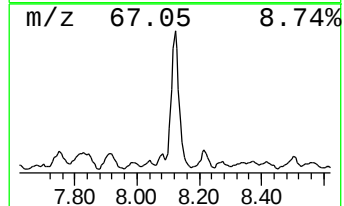
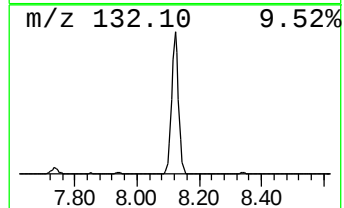
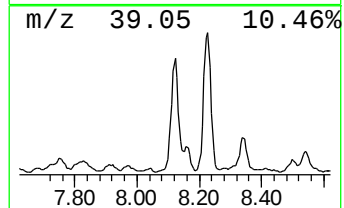
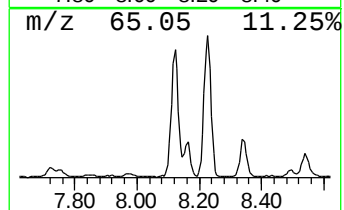
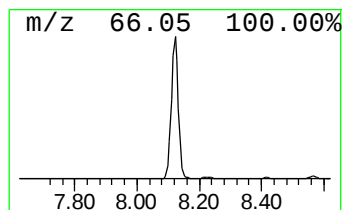
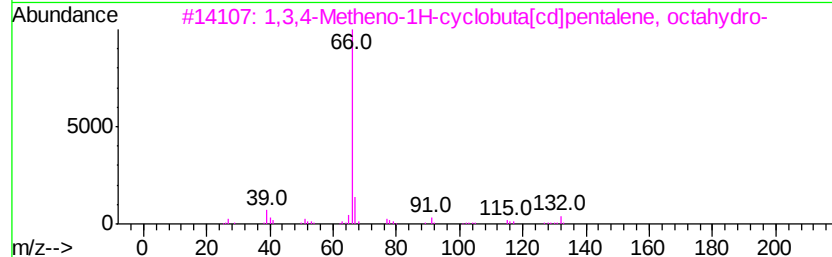
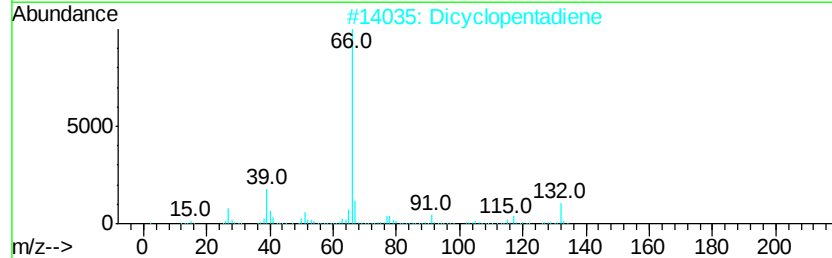
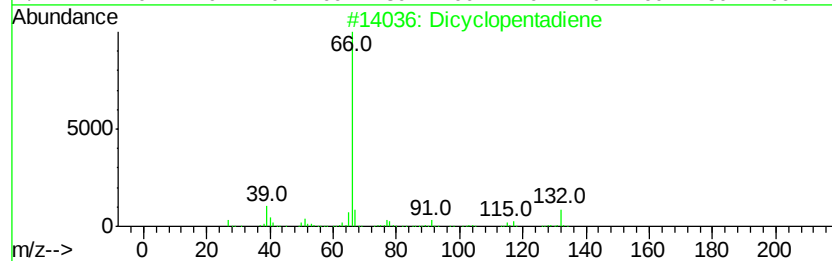
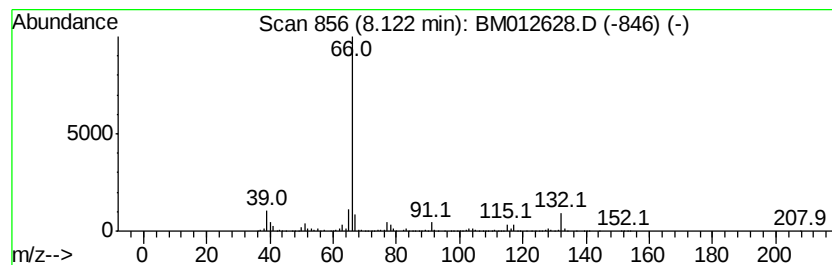
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Dicyclopentadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	33.09 ng/ul	6675040	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dicvclopentadiene	132	C10H12	000077-73-6	91
2		Dicvclopentadiene	132	C10H12	000077-73-6	91
3		1,3,4-Metheno-1H-cvclobuta[cd]pe...	132	C10H12	006707-88-6	90
4		Dicvclopentadiene	132	C10H12	000077-73-6	90
5		Bicyclo[2.2.1]hept-2-en-5-one	108	C7H8O	000694-98-4	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

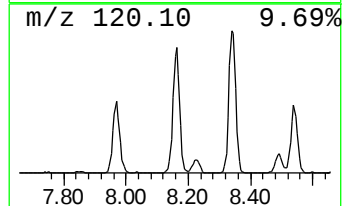
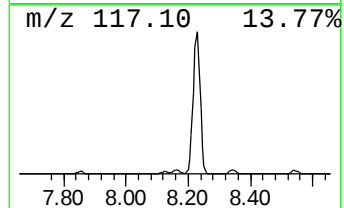
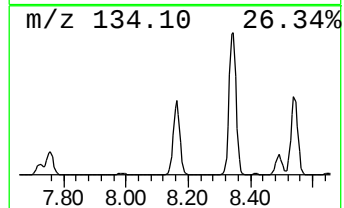
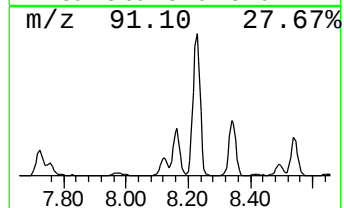
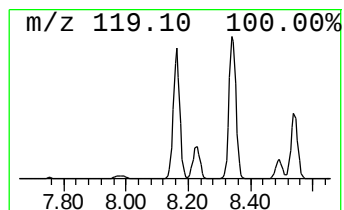
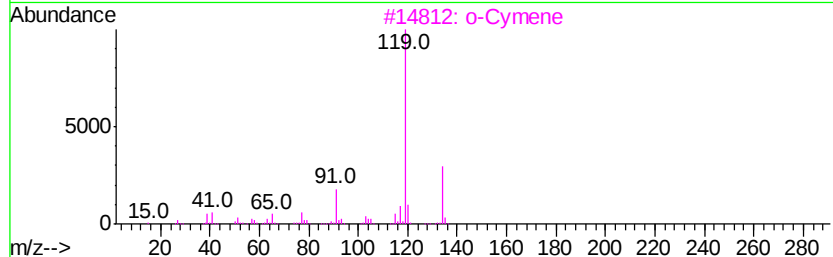
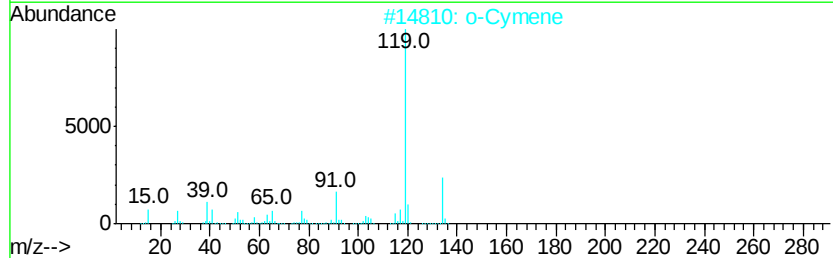
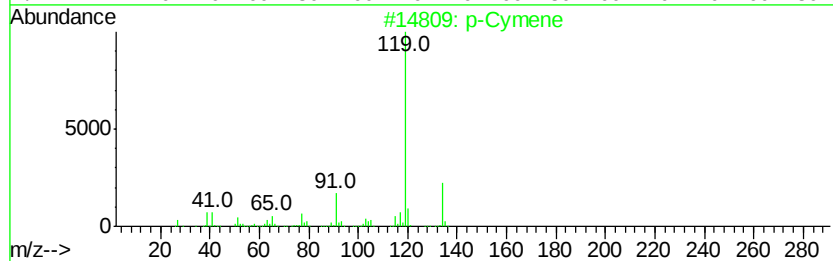
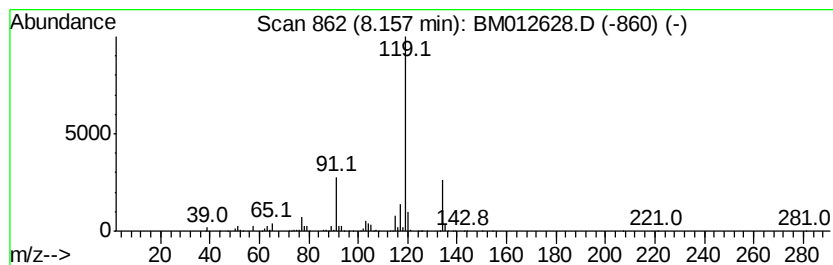
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.53 ng/ul	2730300	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

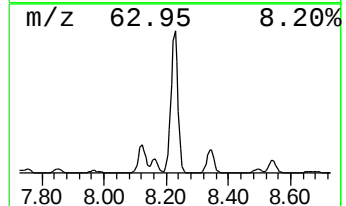
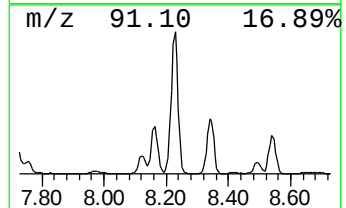
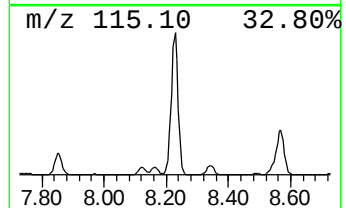
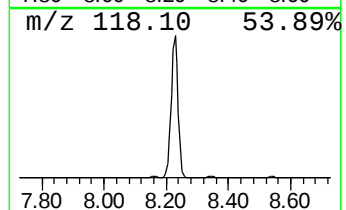
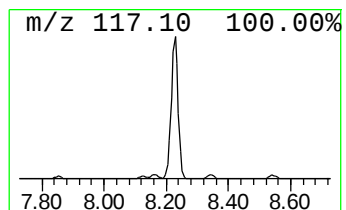
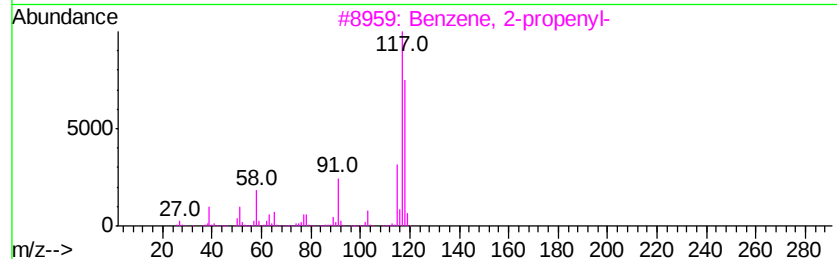
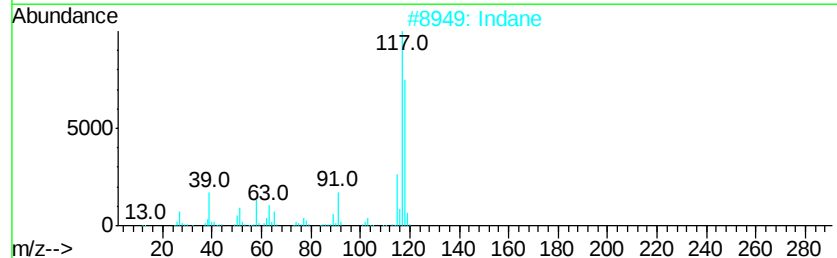
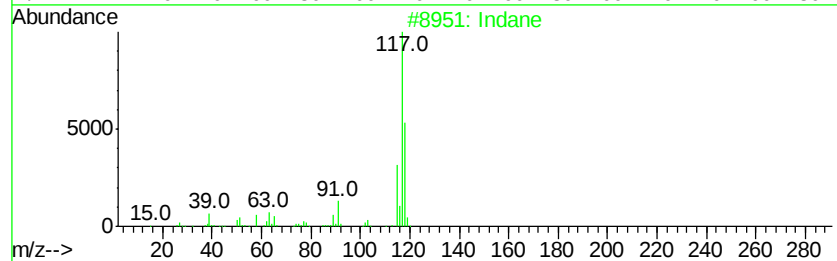
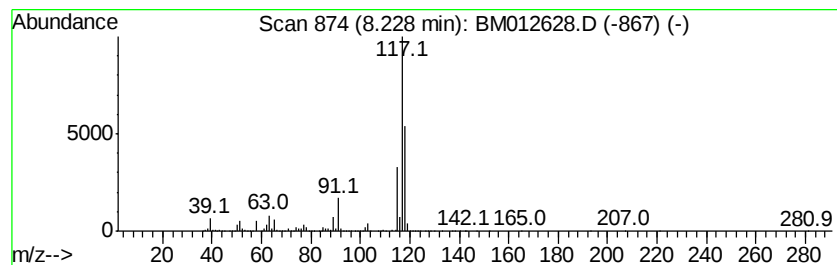
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	83.60 ng/ul	16866500	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Indane	118	C9H10	000496-11-7	64
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4		Indane	118	C9H10	000496-11-7	60
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

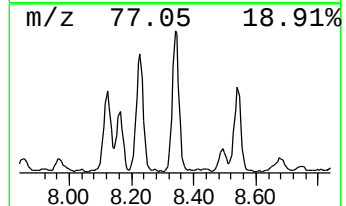
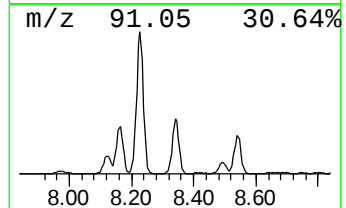
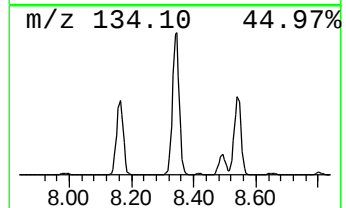
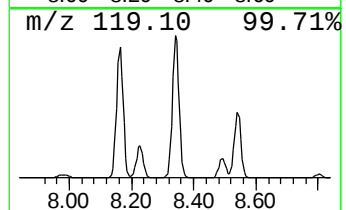
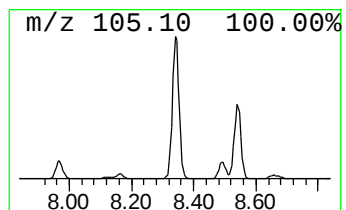
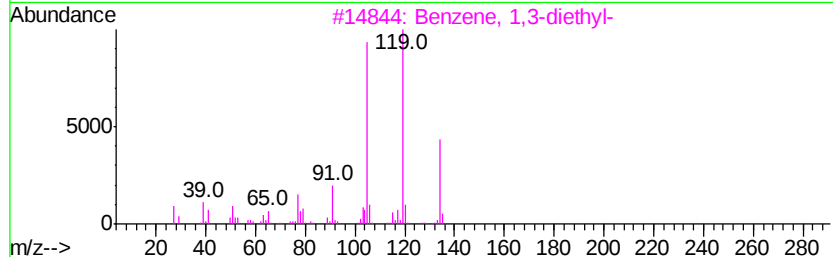
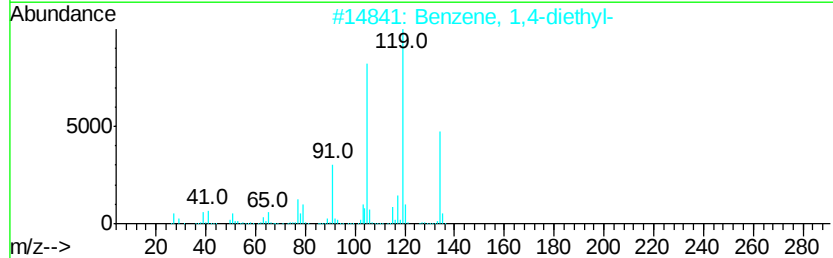
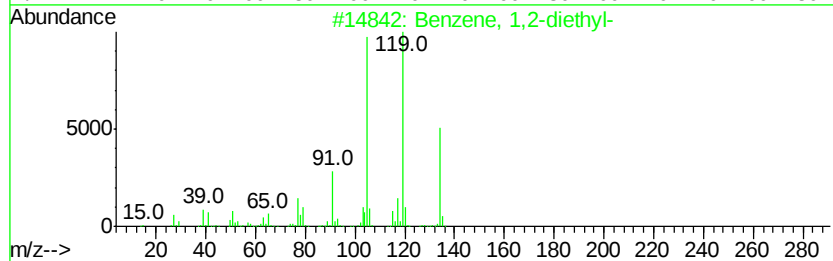
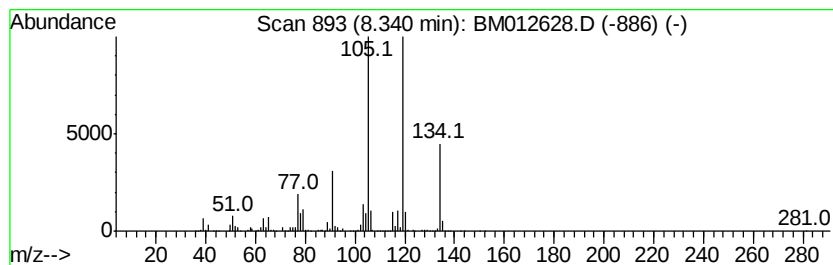
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	27.14 ng/ul	5475070	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

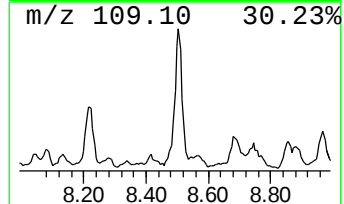
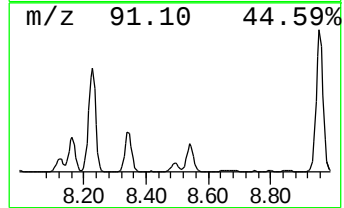
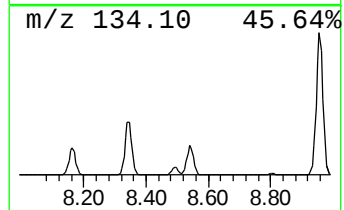
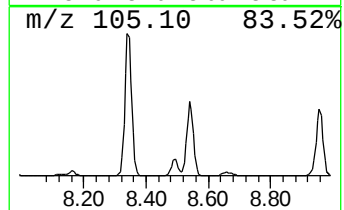
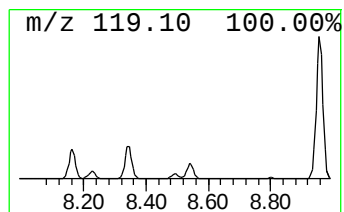
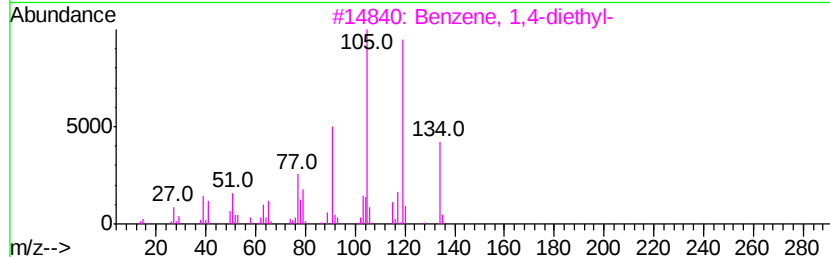
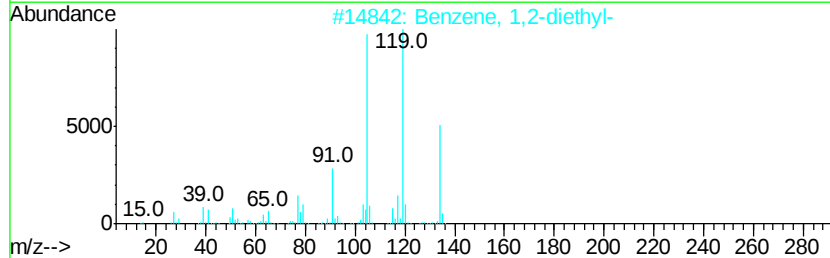
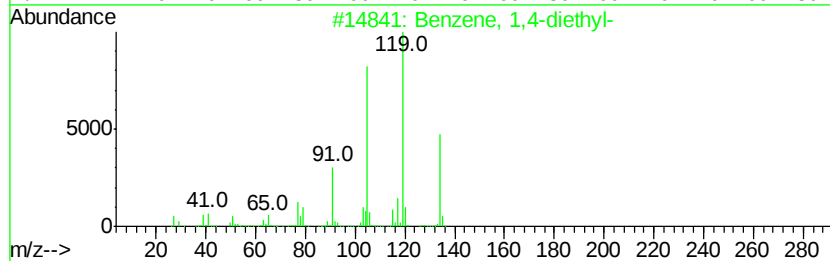
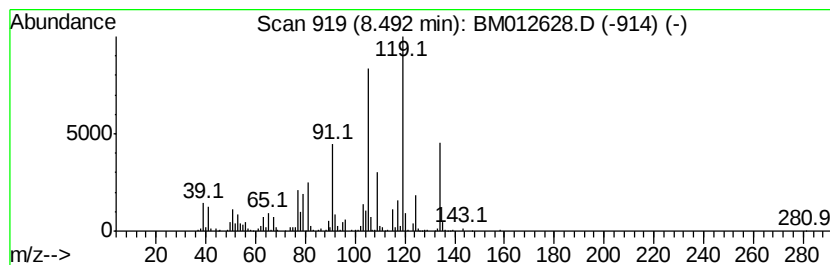
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzene, 1,4-diethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	6.26 ng/ul	1262650	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

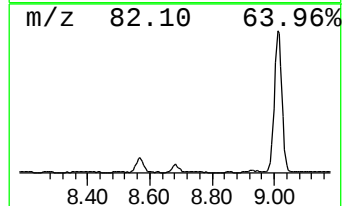
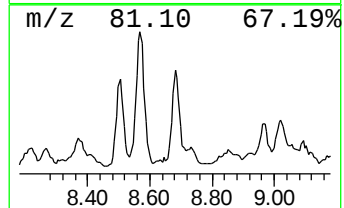
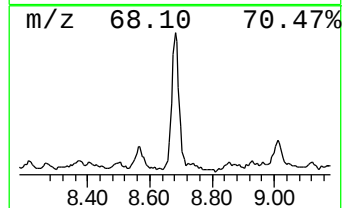
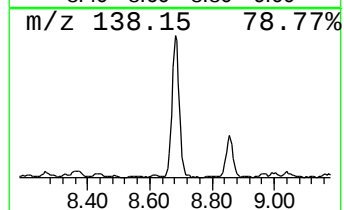
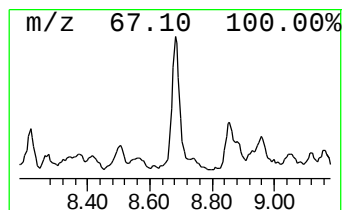
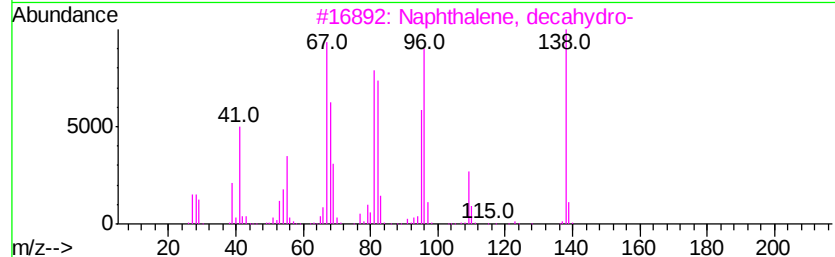
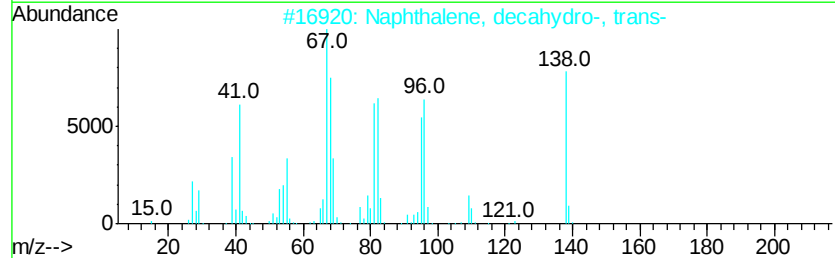
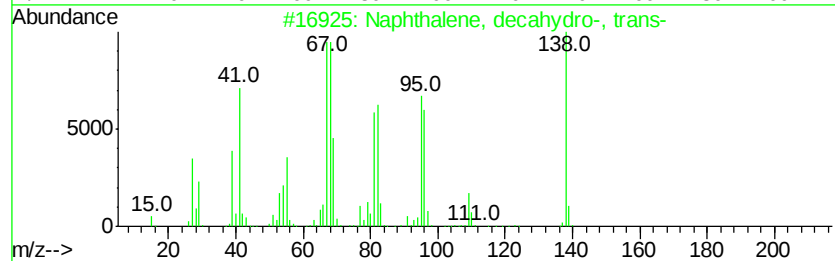
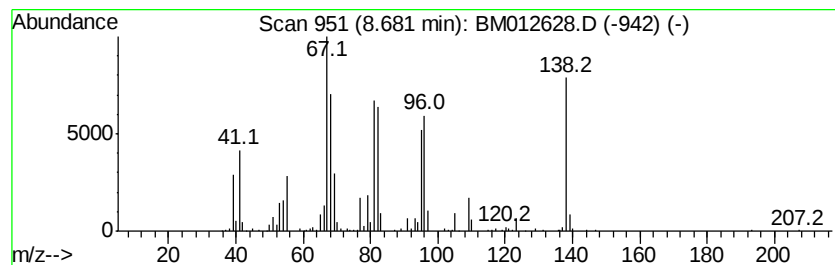
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, decahydro-, tr... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	5.68 ng/ul	1146750	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	95
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
TWP-B-75

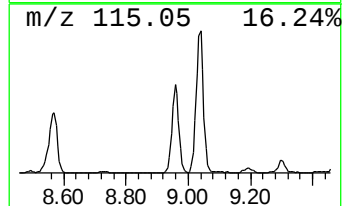
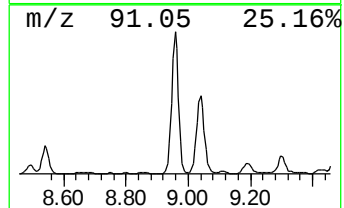
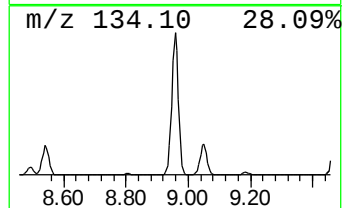
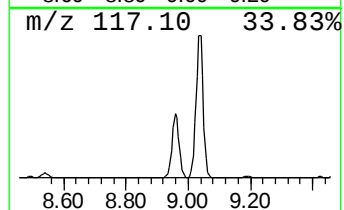
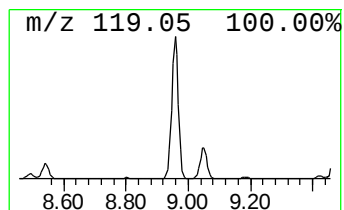
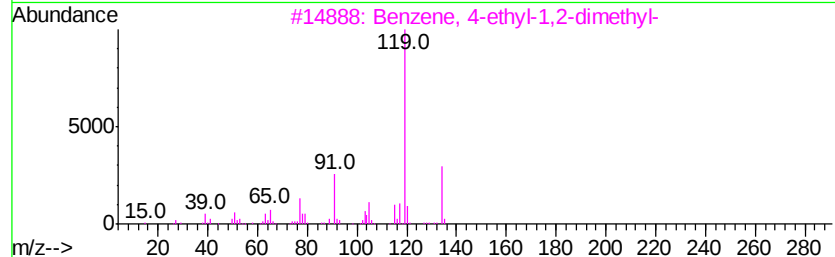
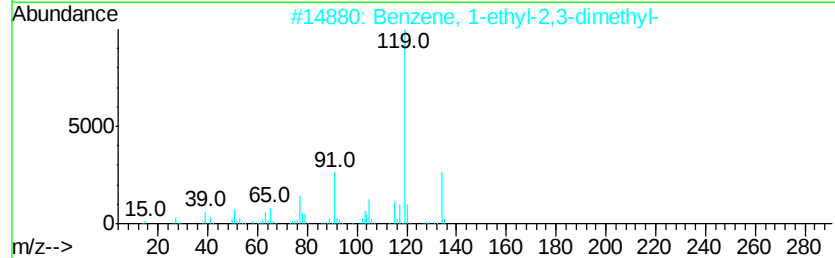
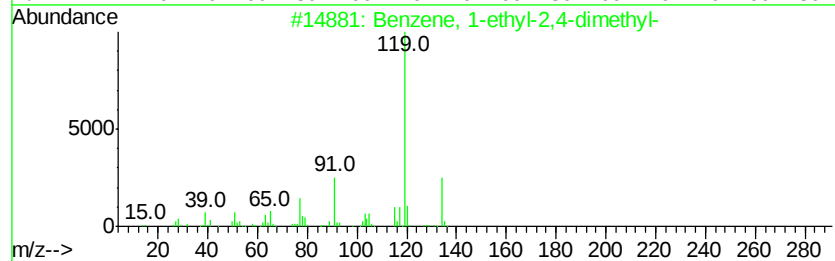
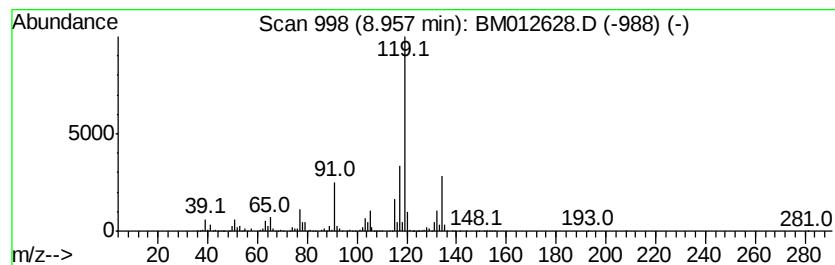
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	98.06 ng/ul	19783600	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

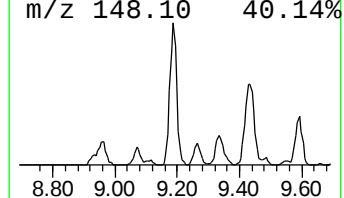
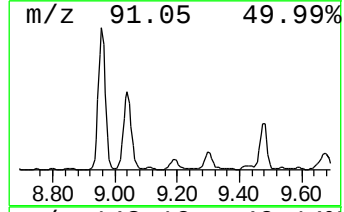
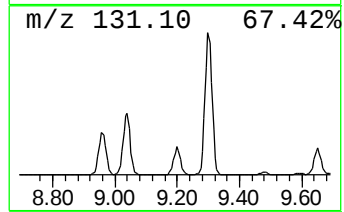
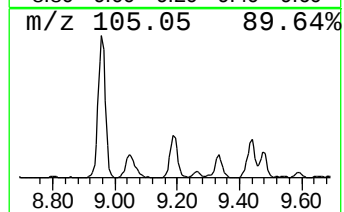
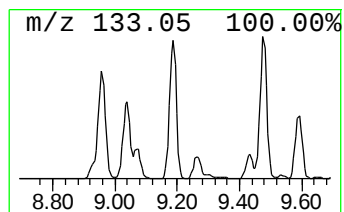
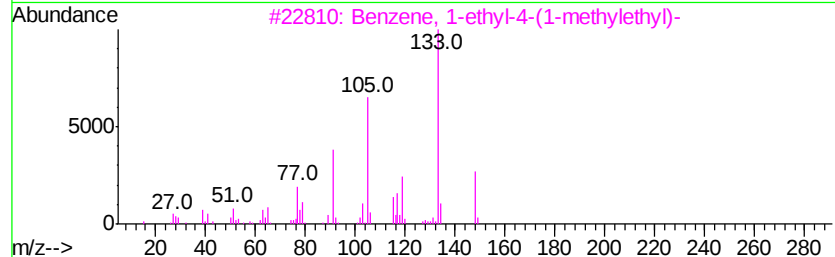
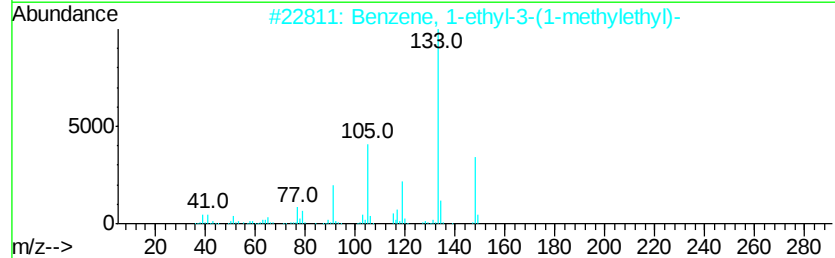
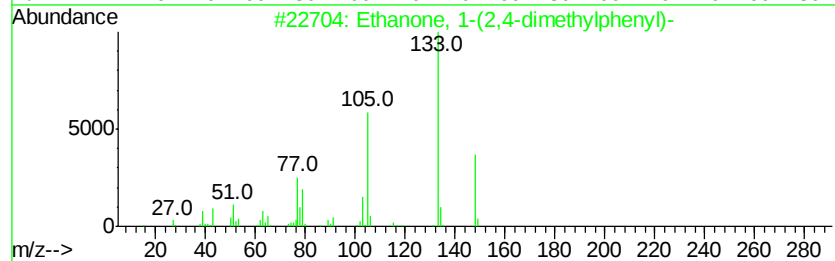
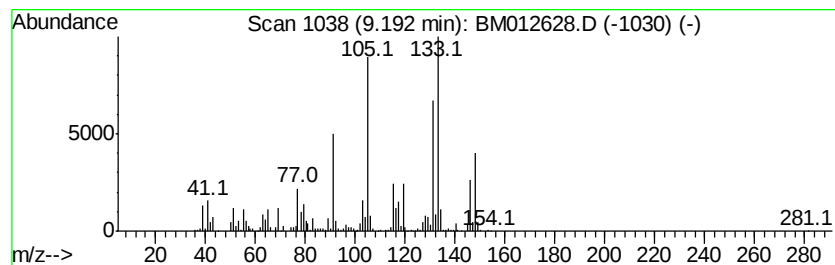
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Ethanone, 1-(2,4-dimethylph... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	9.52 ng/ul	1921220	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	86
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	86
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
4		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	76
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

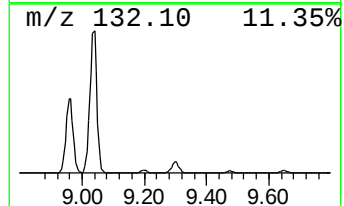
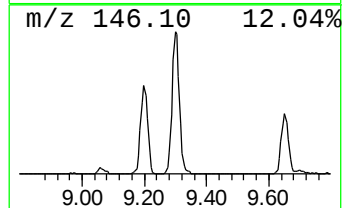
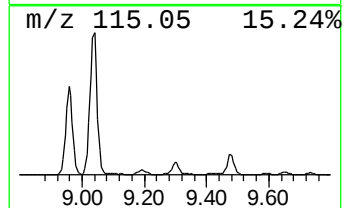
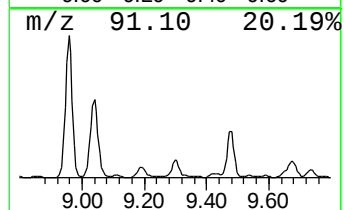
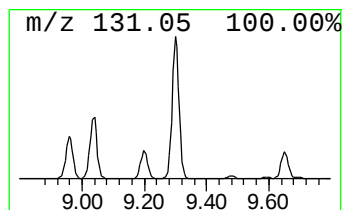
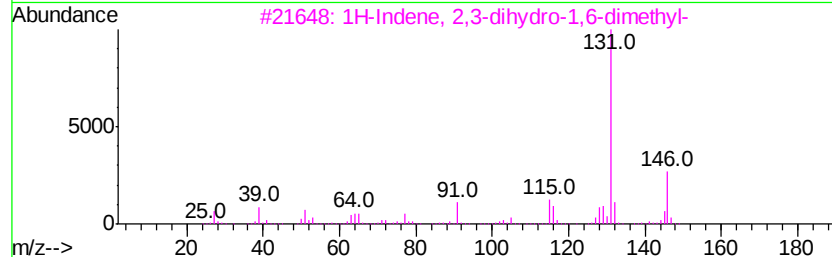
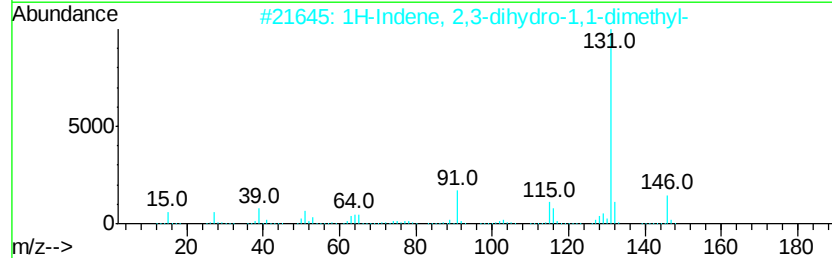
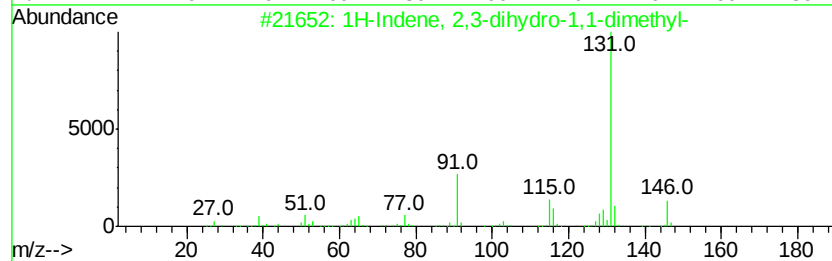
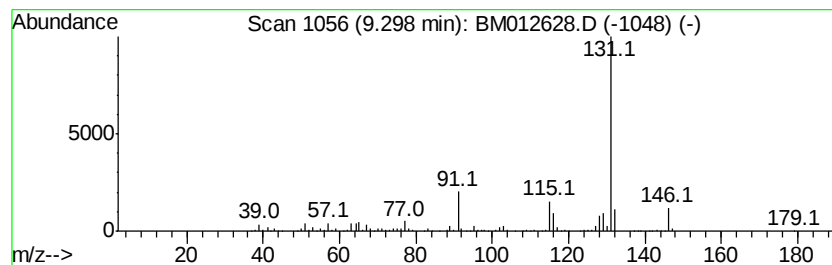
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	10.79 ng/ul	2778990	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	97
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

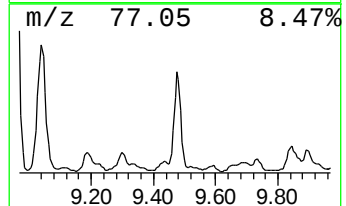
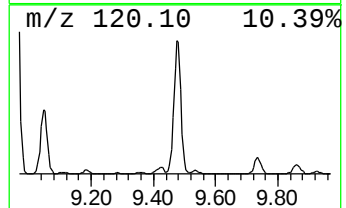
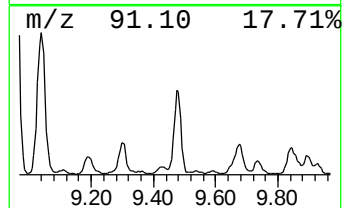
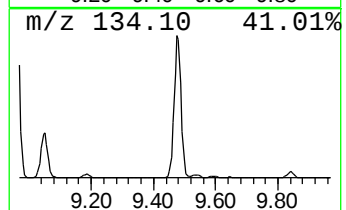
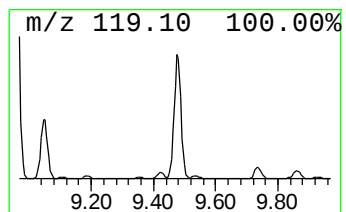
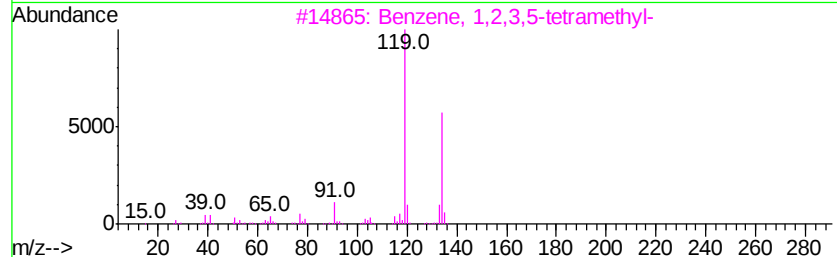
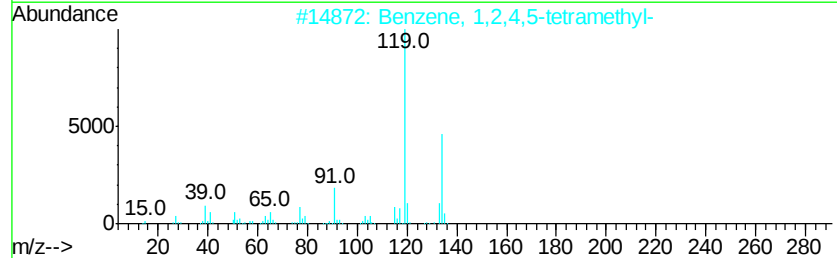
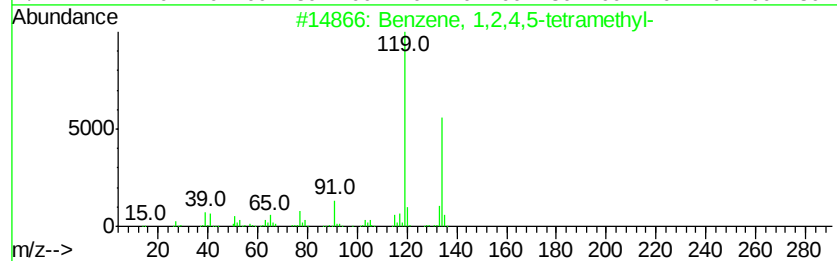
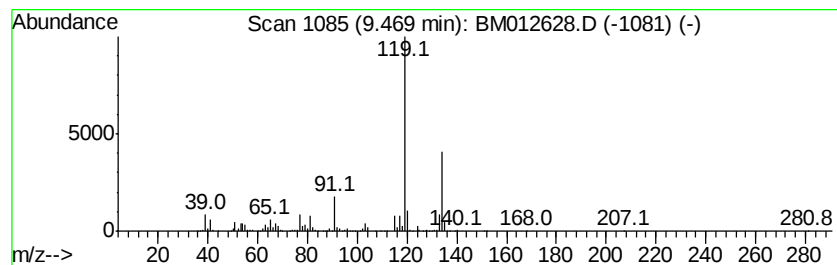
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	27.48 ng/ul	7079070	Naphthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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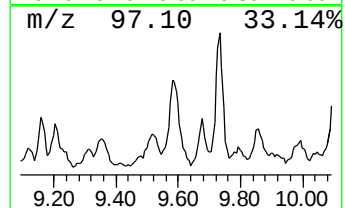
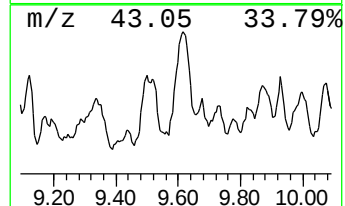
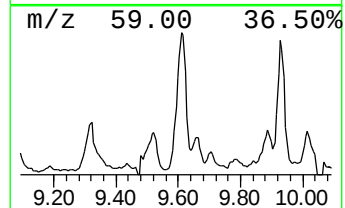
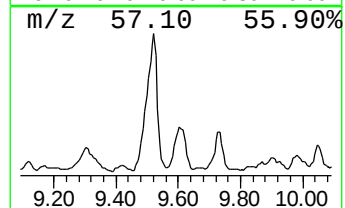
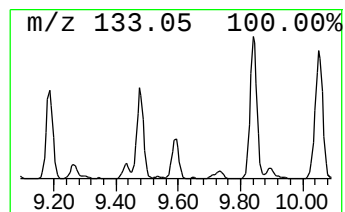
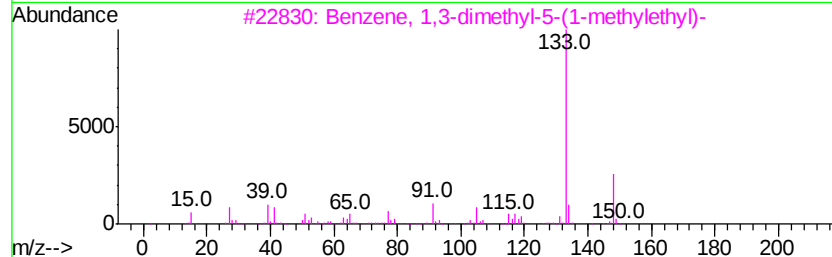
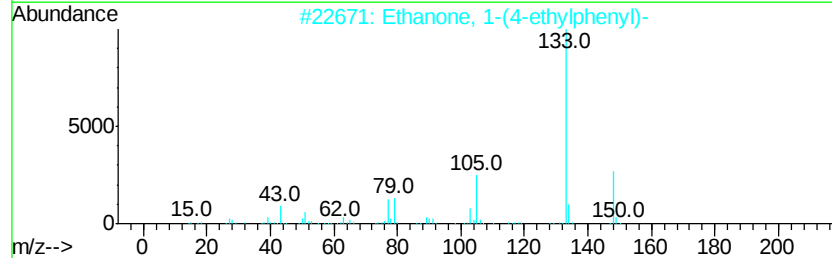
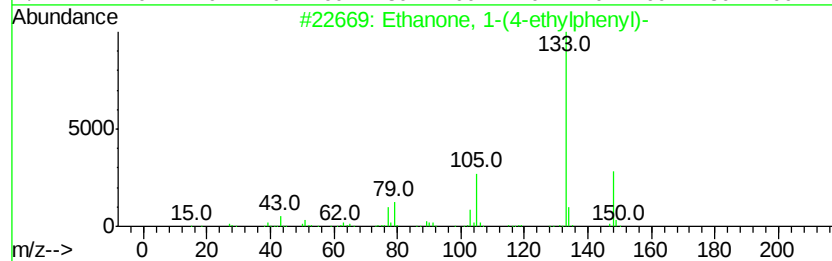
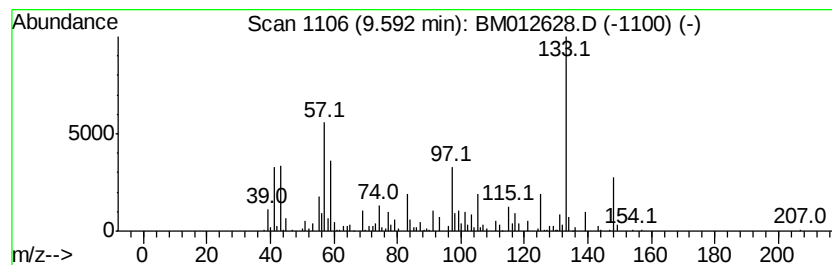
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	3.62 ng/ul	933659	Naphthalene-d8	10.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	46
2			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	46
3			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	45
4			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	45
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
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Misc :
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ClientSampleId :
TWP-B-75

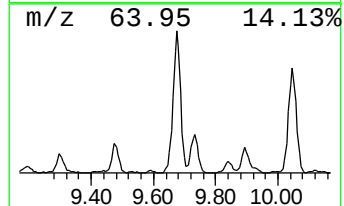
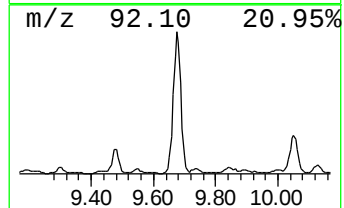
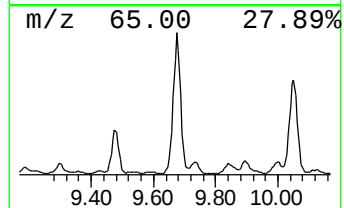
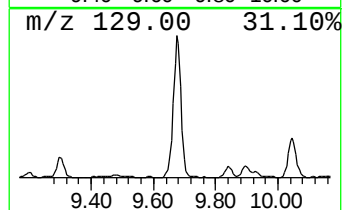
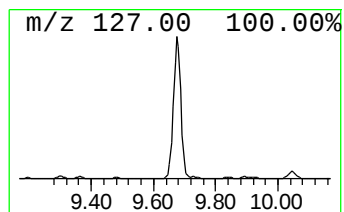
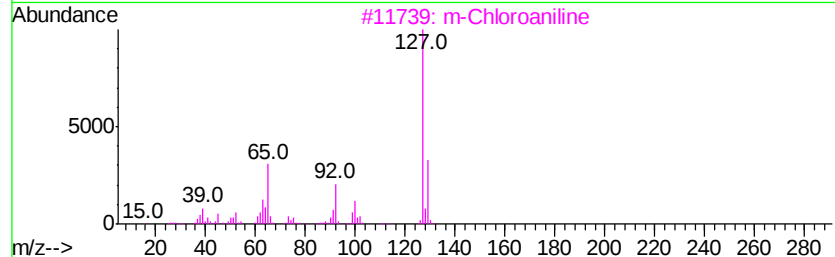
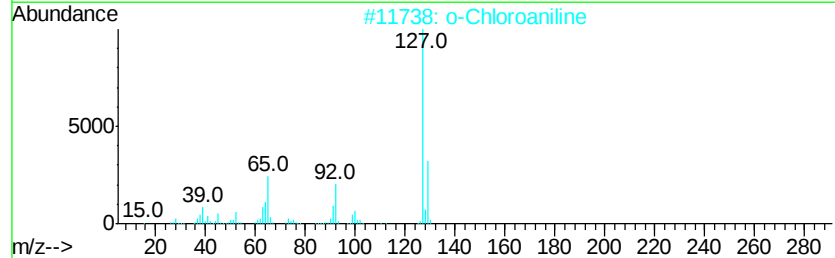
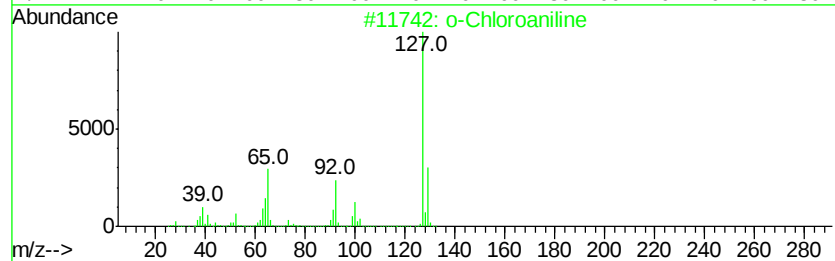
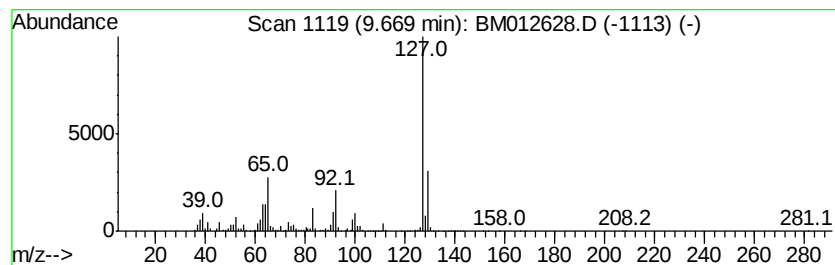
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 o-Chloroaniline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	26.04 ng/ul	6708570	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Chloroaniline	127	C6H6ClN	000095-51-2	97
2		o-Chloroaniline	127	C6H6ClN	000095-51-2	96
3		m-Chloroaniline	127	C6H6ClN	000108-42-9	96
4		m-Chloroaniline	127	C6H6ClN	000108-42-9	95
5		m-Chloroaniline	127	C6H6ClN	000108-42-9	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

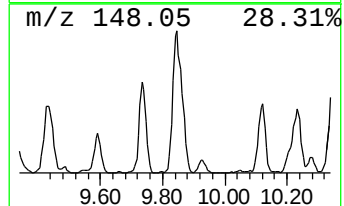
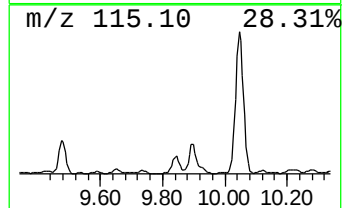
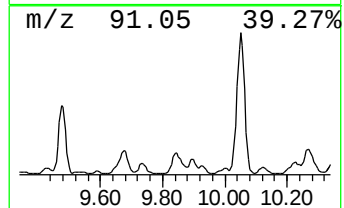
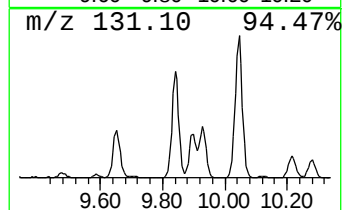
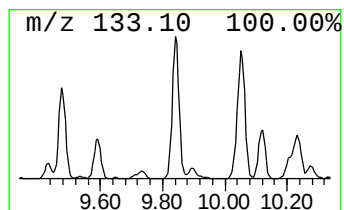
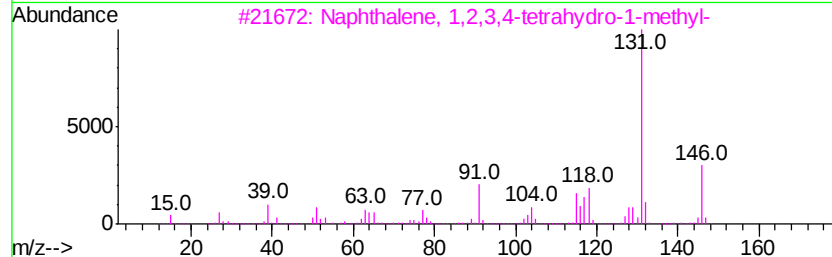
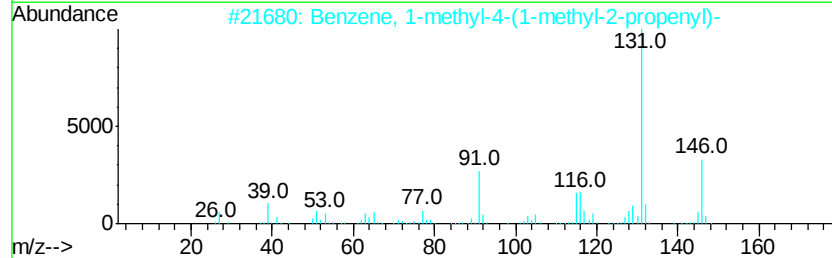
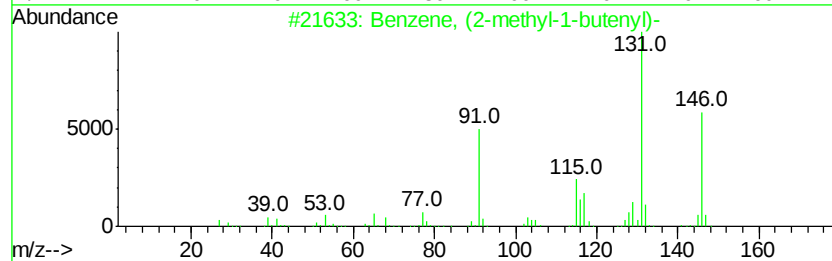
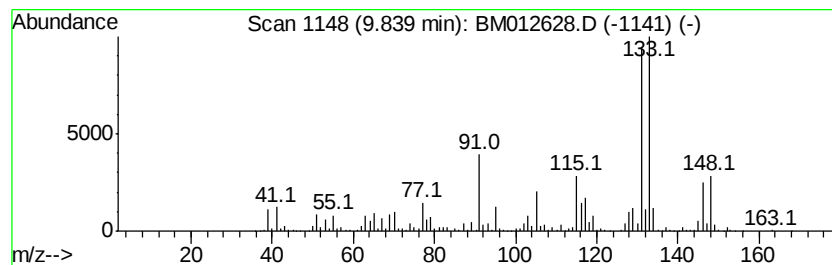
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	13.55 ng/ul	3490860	Naphthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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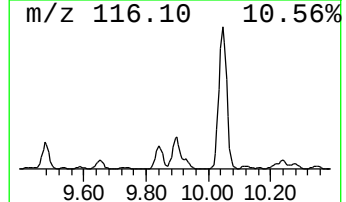
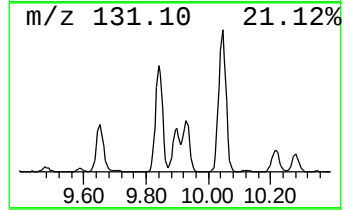
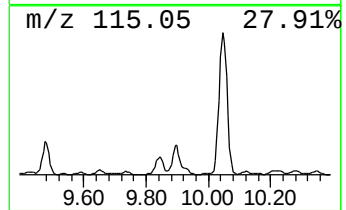
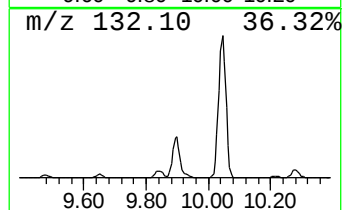
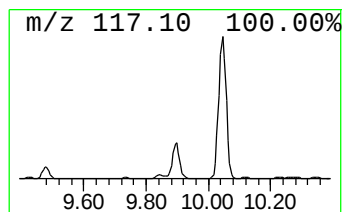
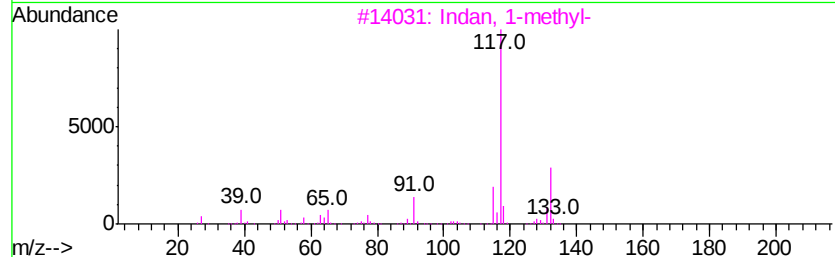
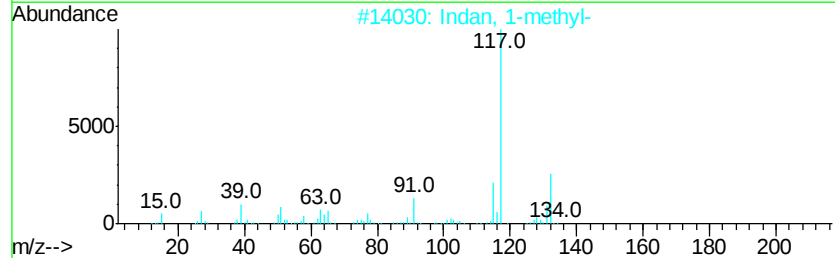
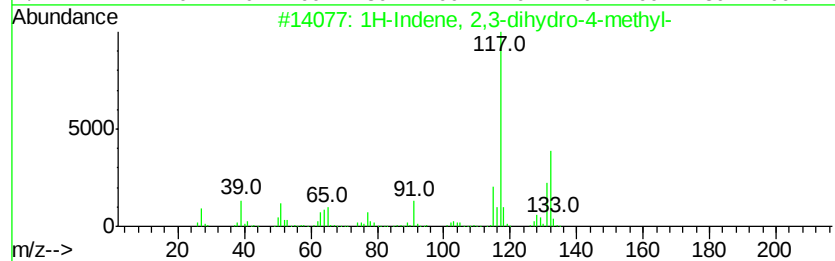
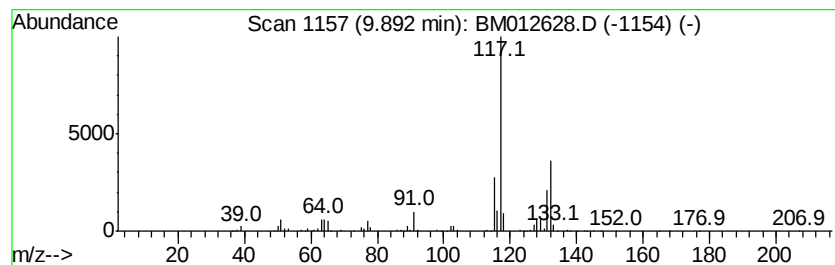
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	4.71 ng/ul	1213230	Napthalene-d8	10.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			Indan, 1-methyl-	132	C10H12	000767-58-8	81
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64



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Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

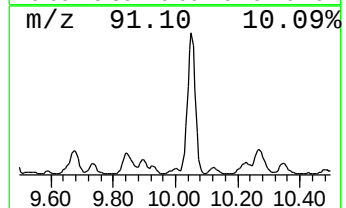
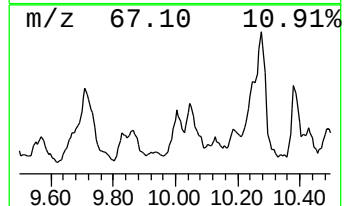
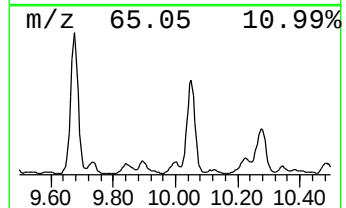
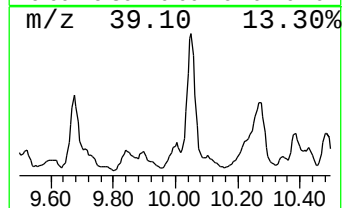
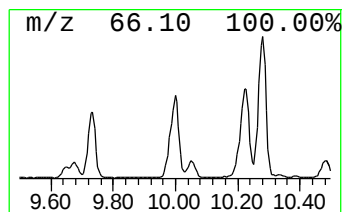
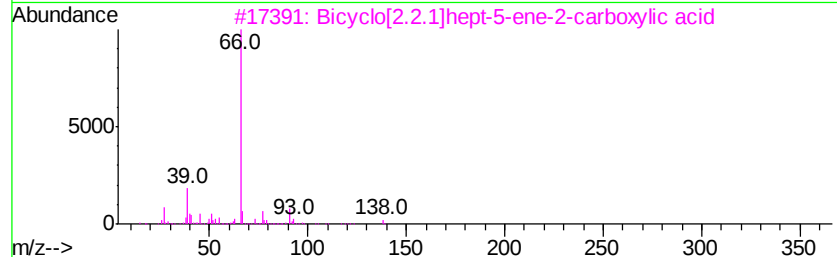
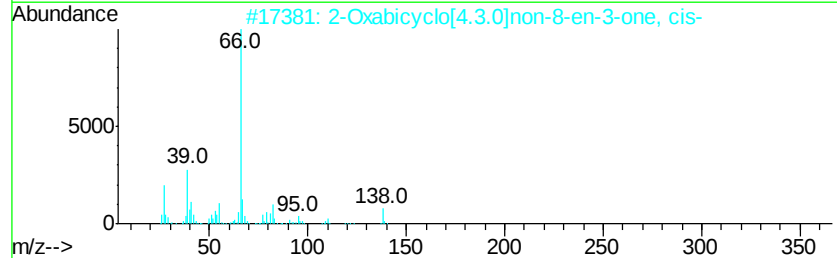
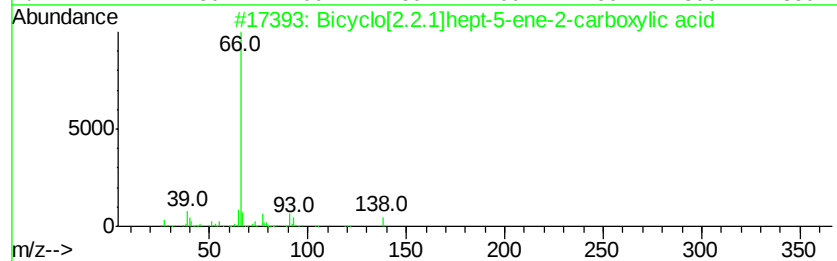
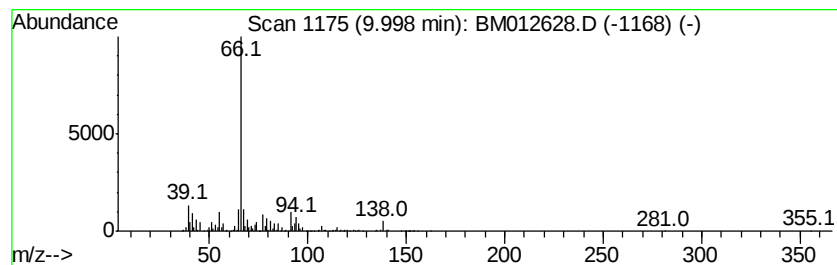
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Bicyclo[2.2.1]hept-5-ene-2-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	5.47 ng/ul	1408530	Napthalene-d8	10.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	91
2			2-Oxabicyclo[4.3.0]non-8-en-3-on...	138	C8H10O2	150620-57-8	90
3			Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	87
4			Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	86
5			Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	78



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Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
TWP-B-75

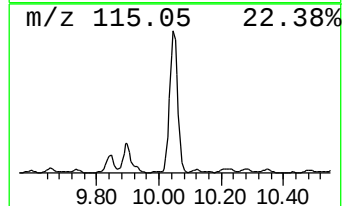
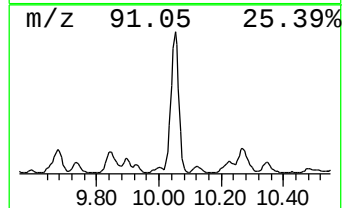
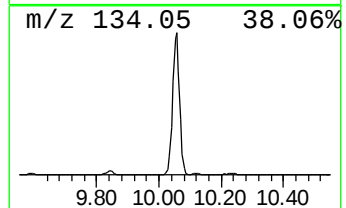
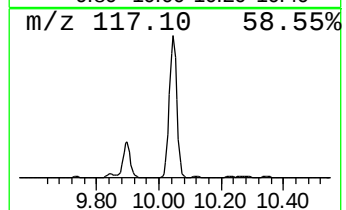
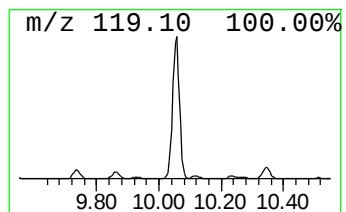
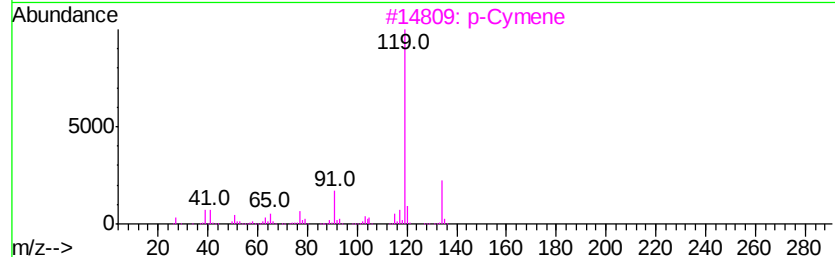
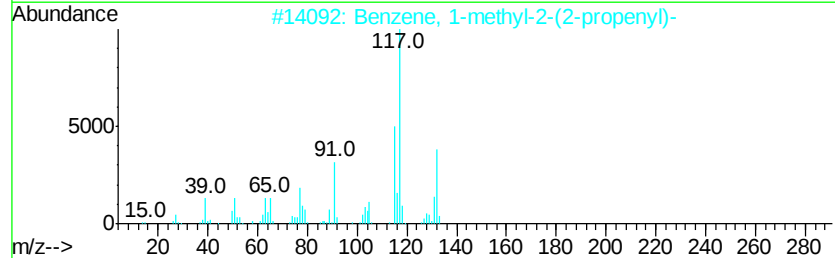
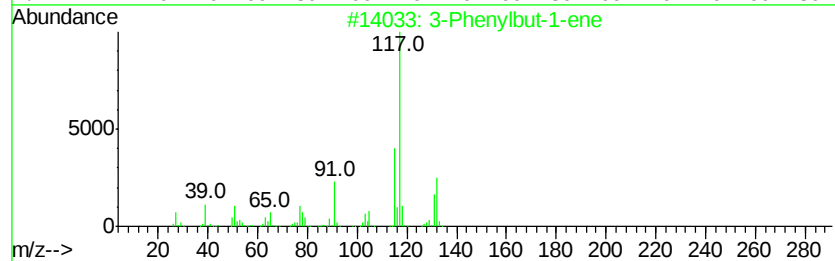
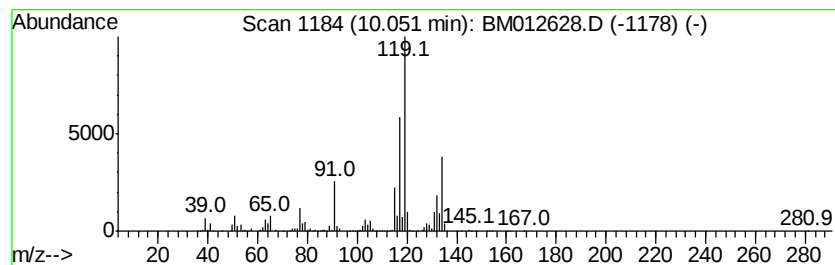
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	68.21 ng/ul	17570000	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3		p-Cymene	134	C10H14	000099-87-6	64
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5		o-Cymene	134	C10H14	000527-84-4	64



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Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
TWP-B-75

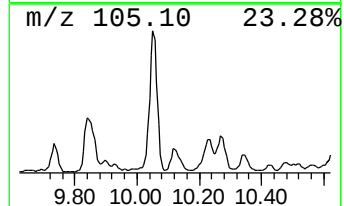
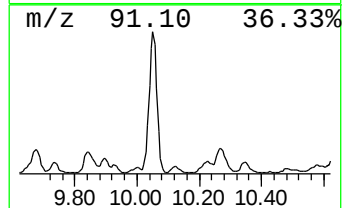
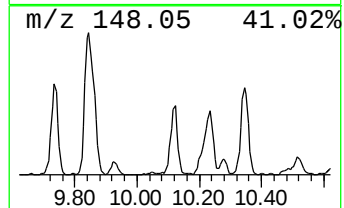
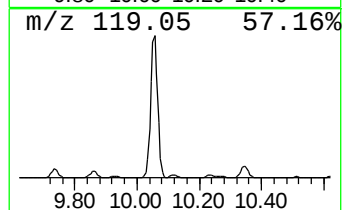
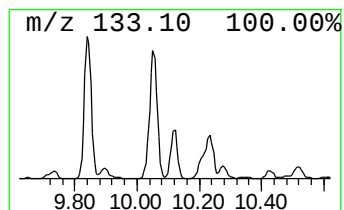
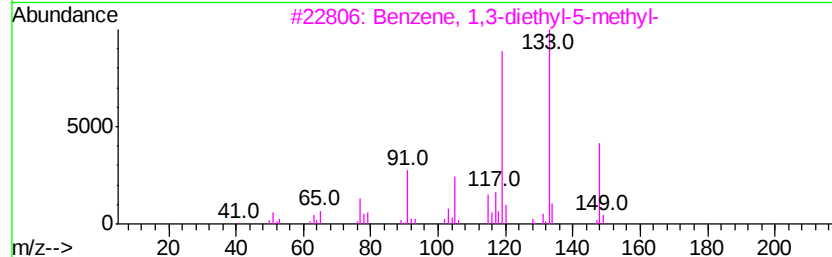
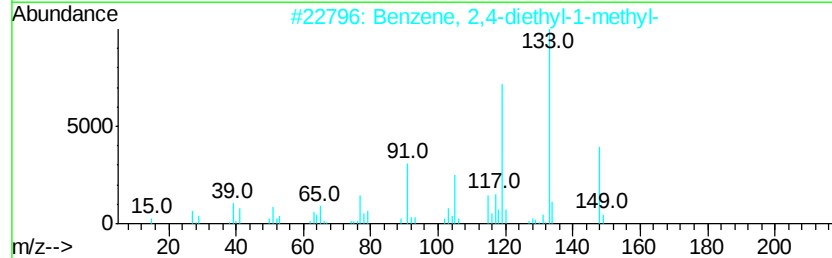
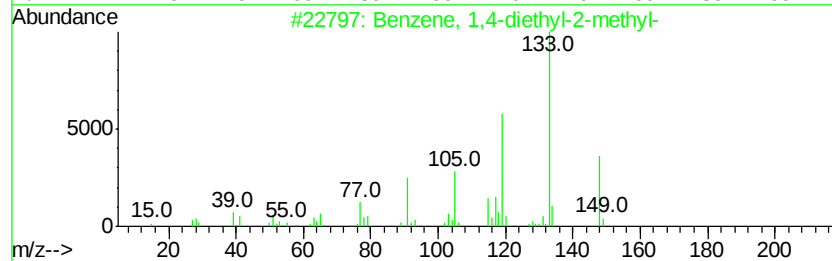
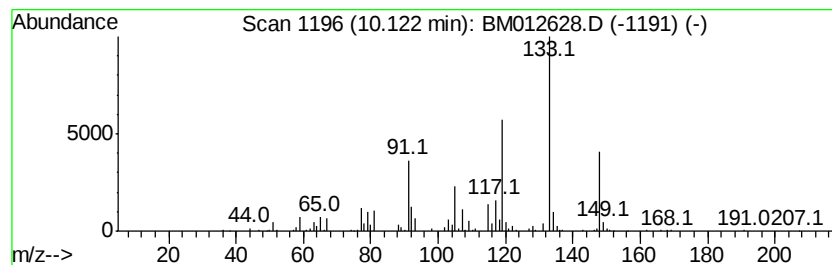
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	4.05 ng/ul	1042600	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	97
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	97
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
4		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	76
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
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Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

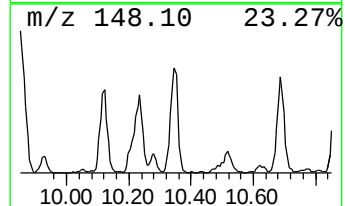
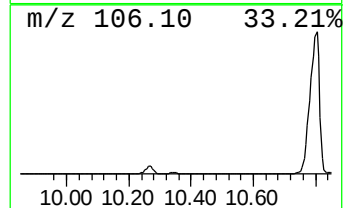
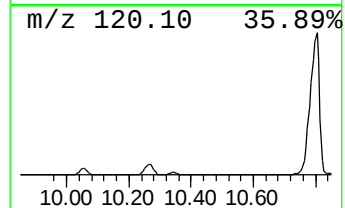
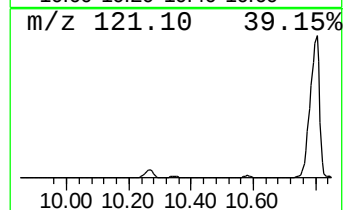
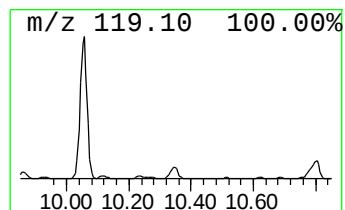
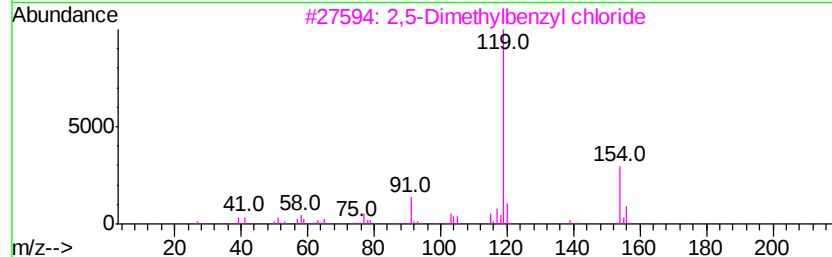
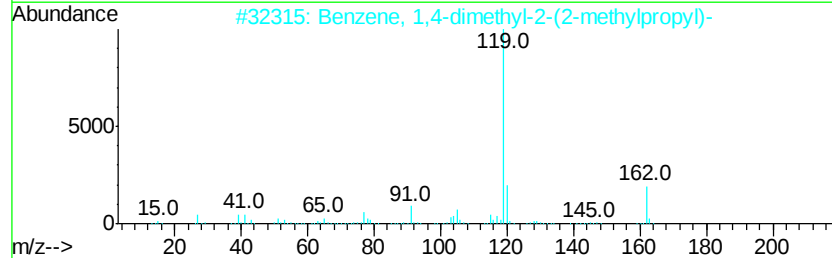
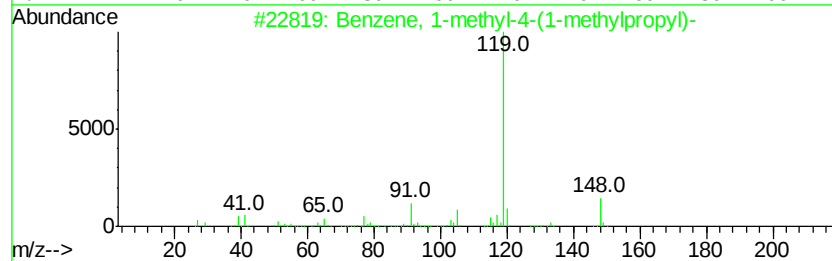
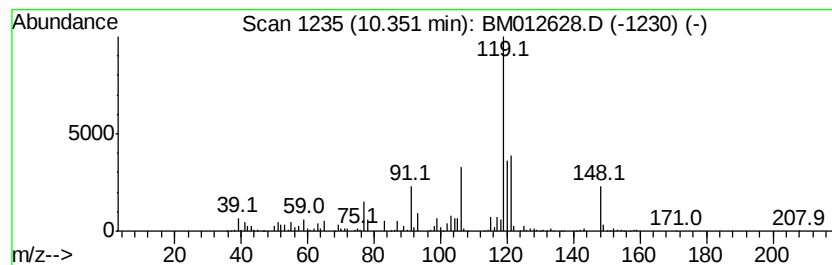
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	4.10 ng/ul	1055050	Naphthalene-d8	10.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	47
3			2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	46
4			o-Cymene	134	C10H14	000527-84-4	43
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

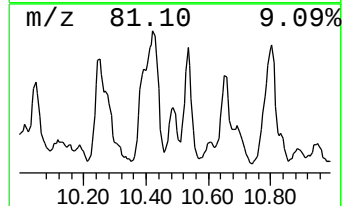
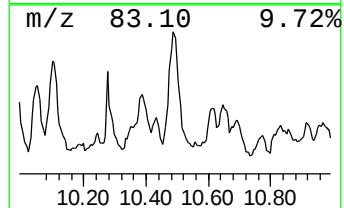
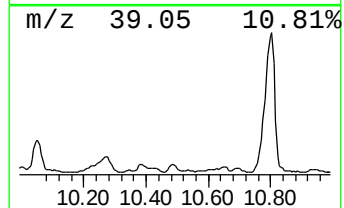
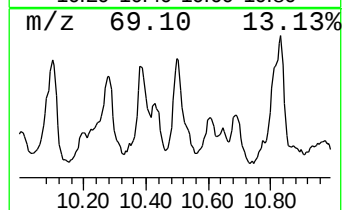
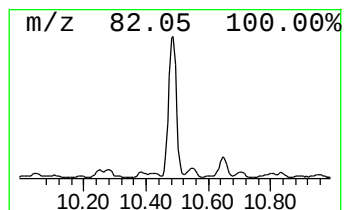
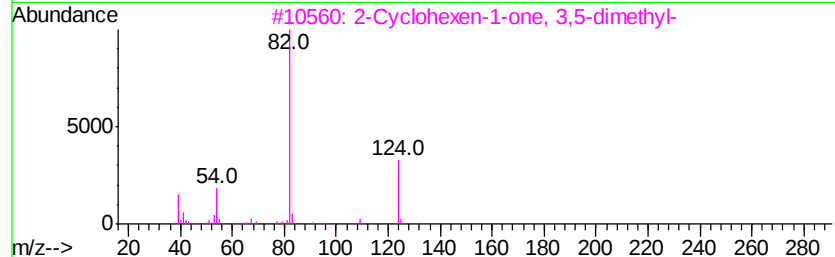
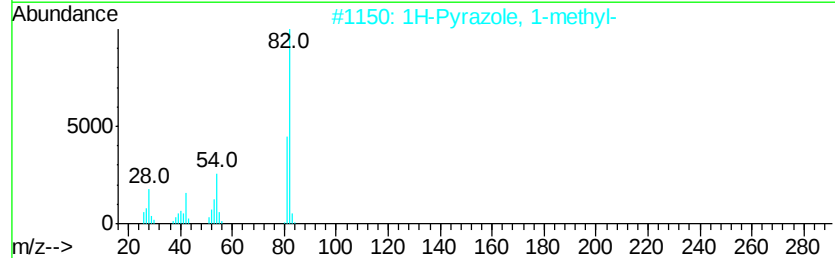
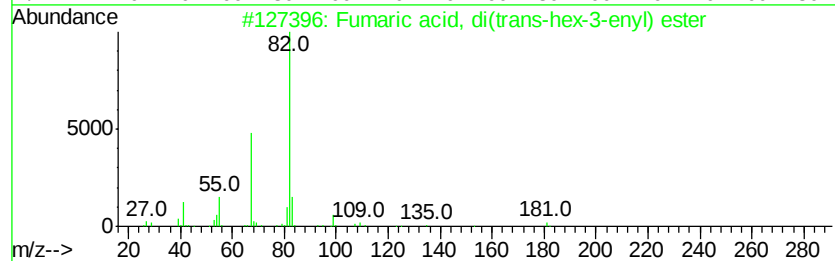
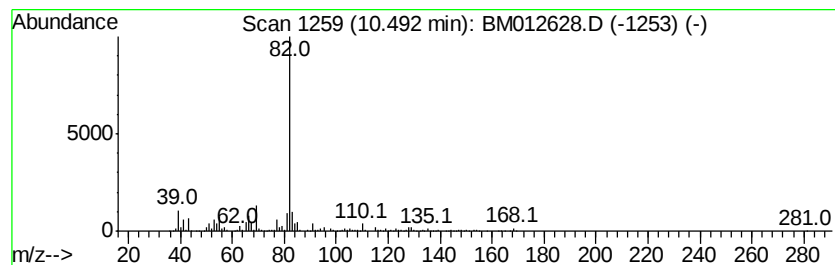
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	7.69 ng/ul	1979740	Naphthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, di(trans-hex-3-env...	280	C16H24O4	1000348-90-0	36
2		1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	9
3		2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	9
4		Betazole	111	C5H9N3	000105-20-4	9
5		2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	9



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Sample : I6150-02
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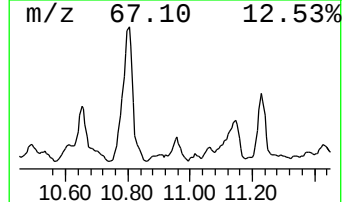
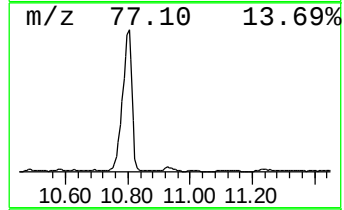
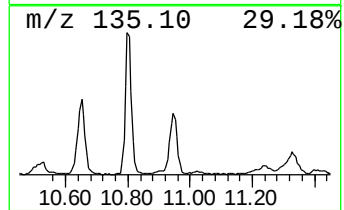
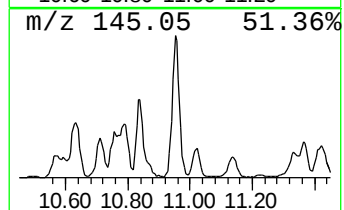
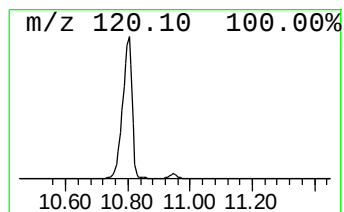
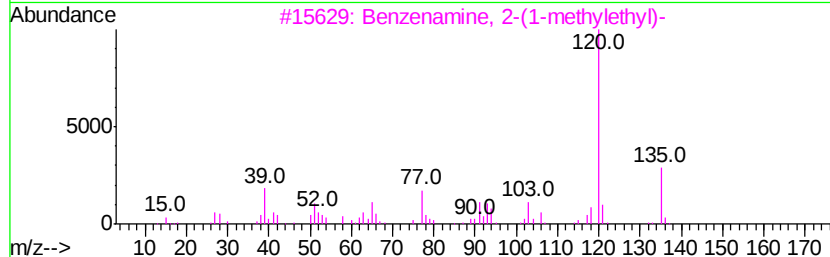
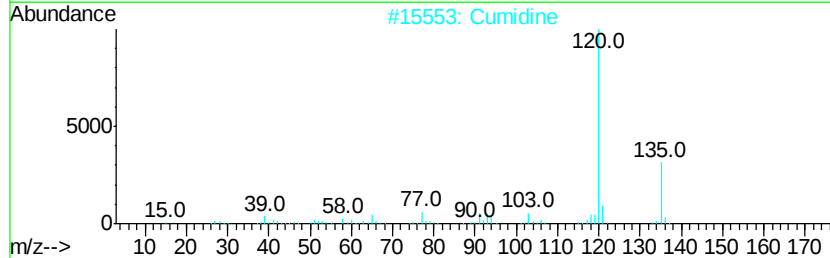
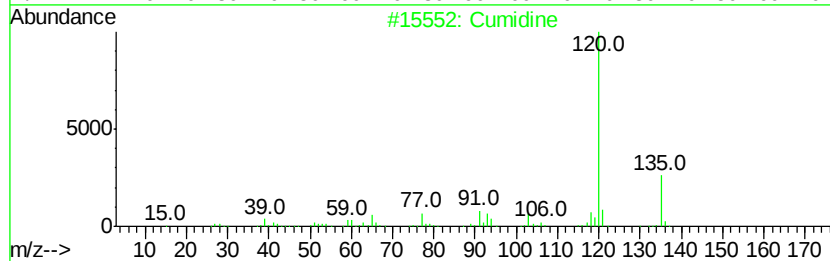
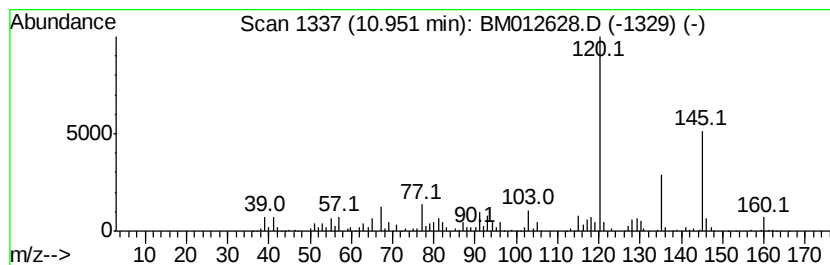
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ClientSampleId :
TWP-B-75

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Quant Title : SVOA CALIBRATION

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

Peak Number 39 Cumidine Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	7.31 ng/ul	1883560	Naphthalene-d8	10.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cumidine	135	C9H13N	000099-88-7 64
2	Cumidine	135	C9H13N	000099-88-7 58
3	Benzenamine, 2-(1-methylethyl)-	135	C9H13N	000643-28-7 58
4	Benzenamine, 2-(1-methylethyl)-	135	C9H13N	000643-28-7 50
5	Benzenamine, N-ethyl-3-methyl-	135	C9H13N	000102-27-2 49



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TWP-B-75

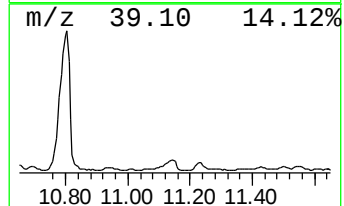
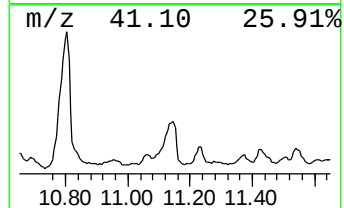
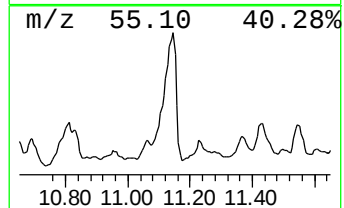
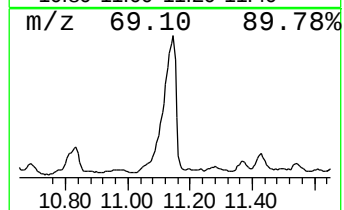
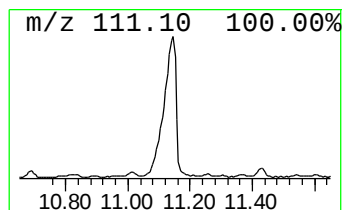
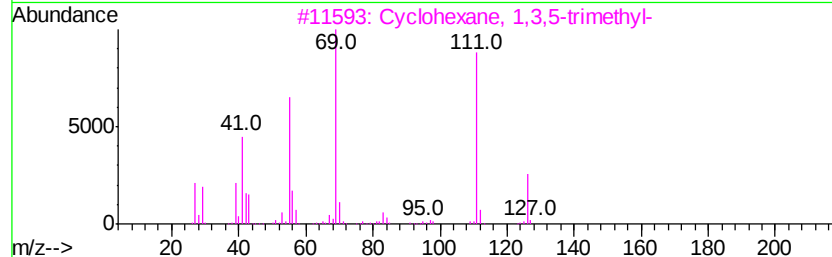
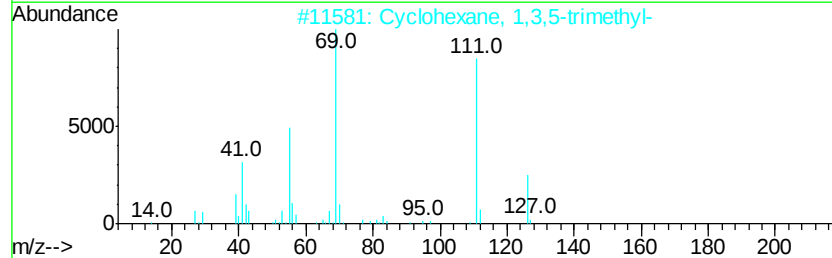
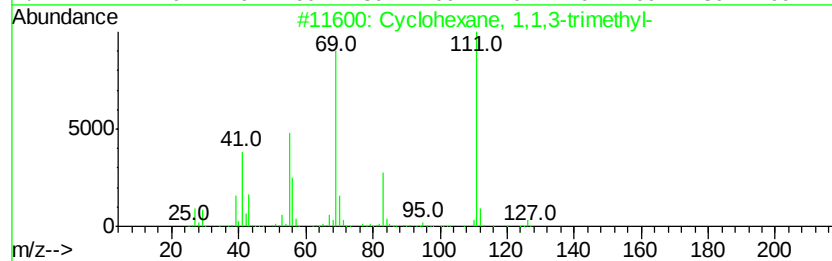
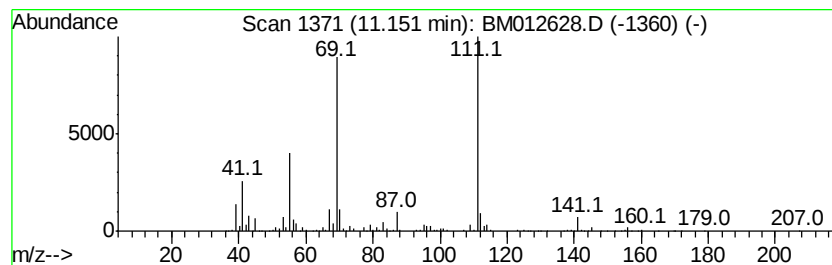
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Cyclic11.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	17.25 ng/ul	4444500	Napthalene-d8	10.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	64
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-75

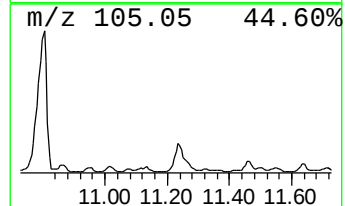
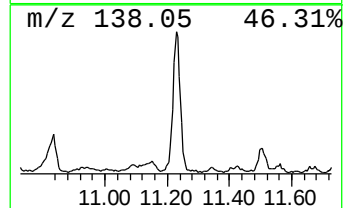
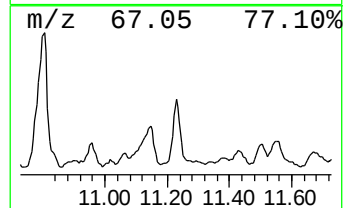
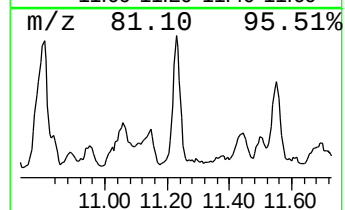
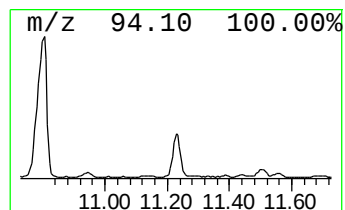
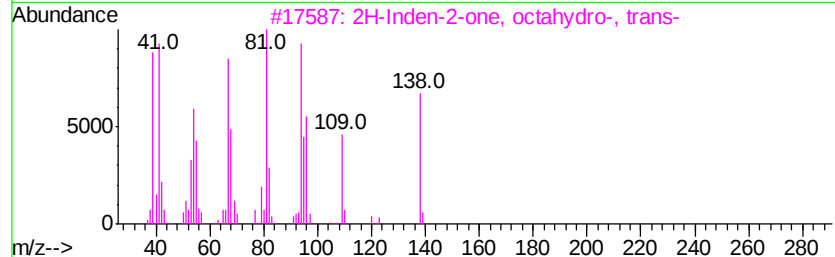
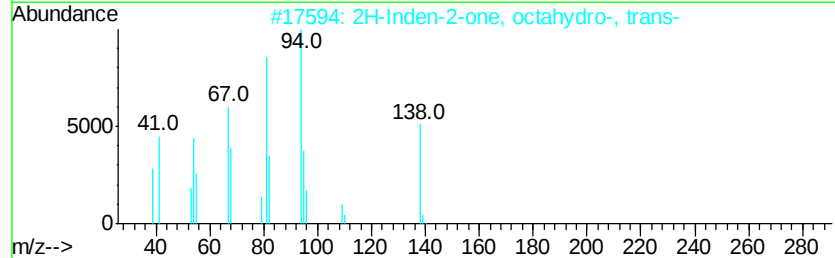
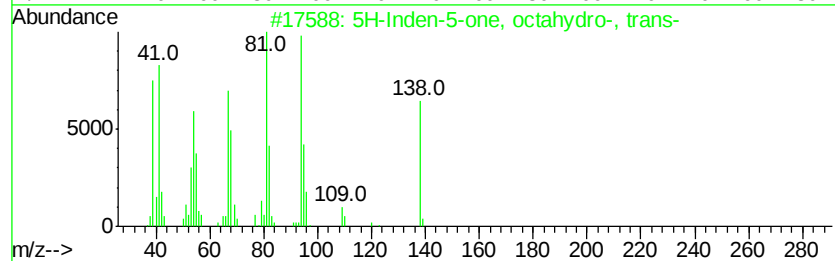
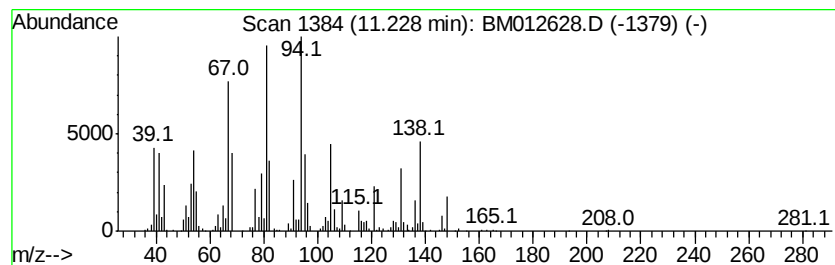
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 5H-Inden-5-one, octahydro-,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.97 ng/ul	2568530	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	93
2		2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	91
3		2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	90
4		2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	68
5		Bicyclo[3.3.1]nonan-2-one	138	C9H14O	002568-17-4	55



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012628.D
Acq On : 01 Nov 2017 06:41
Operator : SJ/JU
Sample : I6150-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
TWP-B-75

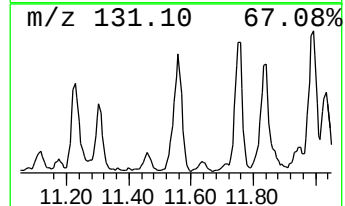
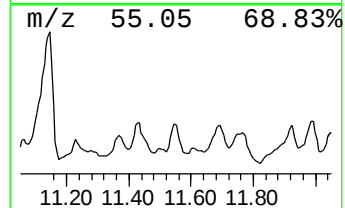
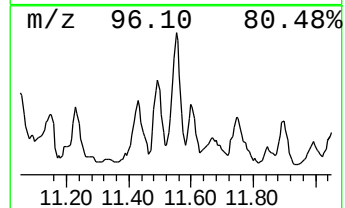
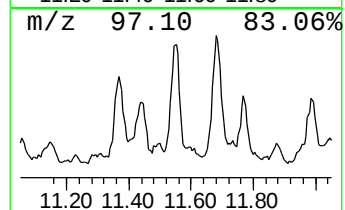
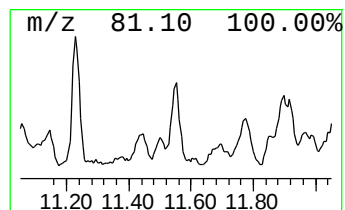
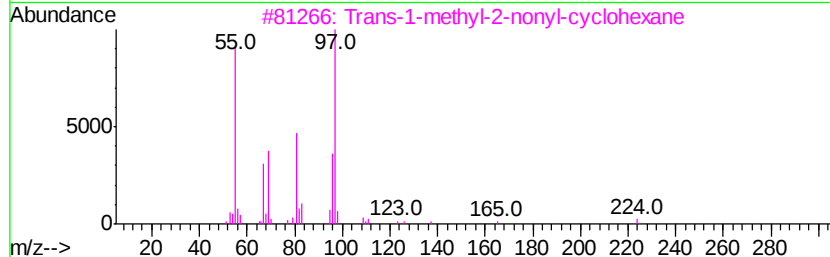
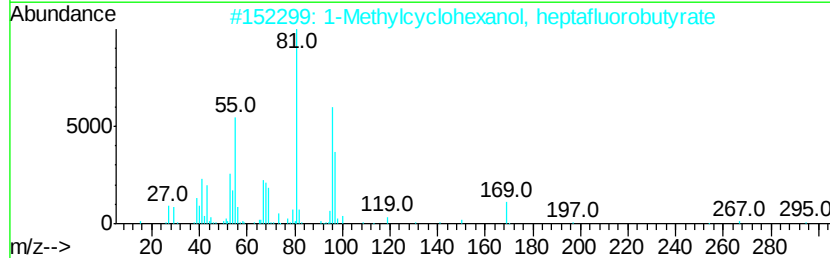
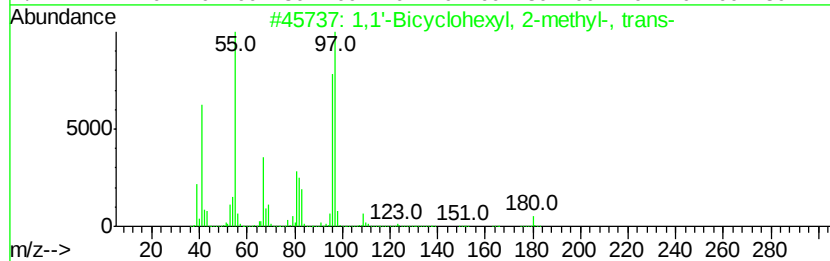
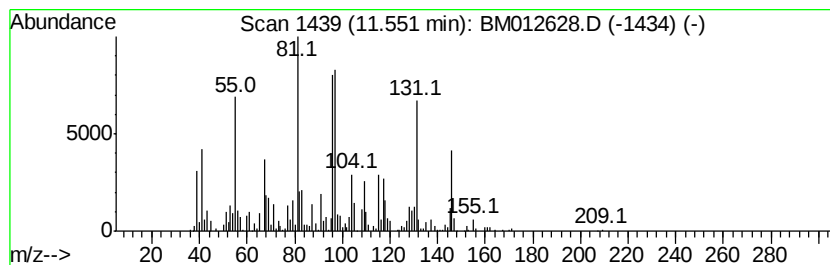
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.47 ng/ul	1408440	Naphthalene-d8	10.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	27
2			1-Methylcyclohexanol, heptafluor...	310	C11H13F7O2	1000376-25-3	22
3			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	22
4			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-94-8	22
5			6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM103117\
 Data File : BM012628.D
 Acq On : 01 Nov 2017 06:41
 Operator : SJ/JU
 Sample : I6150-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-75

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.60	8.1	ng/ul	1639830	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	4.38	5.8	ng/ul	1172430	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	4.53	8.7	ng/ul	1754630	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	4.61	4.5	ng/ul	897438	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	5.02	9.7	ng/ul	1962120	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	5.07	6.3	ng/ul	1277740	1	7.85	4035050	20.0
Pentalene, octahy...	5.57	9.2	ng/ul	1862550	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	5.82	6.0	ng/ul	1217700	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	6.14	7.6	ng/ul	1527190	1	7.85	4035050	20.0
Benzene, (1-methy...	6.35	23.0	ng/ul	4635950	1	7.85	4035050	20.0
(DEL) Alkane: Cyc...	6.49	13.8	ng/ul	2786590	1	7.85	4035050	20.0
3,4-Octadiene, 7-...	6.85	7.1	ng/ul	1437740	1	7.85	4035050	20.0
3-Octen-2-ol	7.12	17.4	ng/ul	3512160	1	7.85	4035050	20.0
Benzene, tert-butyl-	7.46	7.7	ng/ul	1556480	1	7.85	4035050	20.0
2-Norbornanone	7.56	5.4	ng/ul	1096670	1	7.85	4035050	20.0
Benzene, (1-methy...	7.76	11.3	ng/ul	2272730	1	7.85	4035050	20.0
Dicyclopentadiene	8.12	33.1	ng/ul	6675040	1	7.85	4035050	20.0
p-Cymene	8.16	13.5	ng/ul	2730300	1	7.85	4035050	20.0
Indane	8.23	83.6	ng/ul	16866500	1	7.85	4035050	20.0
Benzene, 1,2-diet...	8.34	27.1	ng/ul	5475070	1	7.85	4035050	20.0
Benzene, 1,4-diet...	8.49	6.3	ng/ul	1262650	1	7.85	4035050	20.0
Naphthalene, deca...	8.68	5.7	ng/ul	1146750	1	7.85	4035050	20.0
Benzene, 1-ethyl-...	8.96	98.1	ng/ul	19783600	1	7.85	4035050	20.0
Ethanone, 1-(2,4-...	9.19	9.5	ng/ul	1921220	1	7.85	4035050	20.0
1H-Indene, 2,3-di...	9.30	10.8	ng/ul	2778990	2	10.65	5152090	20.0
Benzene, 1,2,4,5-...	9.47	27.5	ng/ul	7079070	2	10.65	5152090	20.0
unknown-01	9.59	3.6	ng/ul	933659	2	10.65	5152090	20.0
o-Chloroaniline	9.67	26.0	ng/ul	6708570	2	10.65	5152090	20.0
Benzene, (2-methy...	9.84	13.6	ng/ul	3490860	2	10.65	5152090	20.0
1H-Indene, 2,3-di...	9.89	4.7	ng/ul	1213230	2	10.65	5152090	20.0
Bicyclo[2.2.1]hep...	10.00	5.5	ng/ul	1408530	2	10.65	5152090	20.0
3-Phenylbut-1-ene	10.05	68.2	ng/ul	17570000	2	10.65	5152090	20.0
Benzene, 1,4-diet...	10.12	4.0	ng/ul	1042600	2	10.65	5152090	20.0
unknown-02	10.35	4.1	ng/ul	1055050	2	10.65	5152090	20.0
Cyclohexane, 1-me...	10.39	4.5	ng/ul	1160250	2	10.65	5152090	20.0
unknown-03	10.49	7.7	ng/ul	1979740	2	10.65	5152090	20.0
Cumidine	10.95	7.3	ng/ul	1883560	2	10.65	5152090	20.0
(DEL) Alkane: Cyc...	11.15	17.3	ng/ul	4444500	2	10.65	5152090	20.0
5H-Inden-5-one, o...	11.23	10.0	ng/ul	2568530	2	10.65	5152090	20.0
unknown-04	11.55	5.5	ng/ul	1408440	2	10.65	5152090	20.0