LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012433.D
Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	5.010	322	327	337	rVB	3254518	4621586	1.95%	0.459%
2	6.387	556	561	567	rBV	2298084	3417785	1.45%	0.340%
3	6.975	657	661	666	rVB	1838319	2633034	1.11%	0.262%
4	7.034	666	671	679	rBV	3976453	5990543	2.53%	0.595%
5	7.110	679	684	688	rVB	1691992	2437564	1.03%	0.242%
6	7.157	688	692	697	rBV	2233070	3047676	1.29%	0.303%
7	7.263	704	710	715	rBV2	2571634	6032022	2.55%	0.599%
8	7.316	715	719	726	rVB	14298415	19797029	8.37%	1.967%
9	7.493	742	749	753	rBV	6790859	11700083	4.95%	1.163%
10	7.534	753	756	761	rVB	2916526	4066817	1.72%	0.404%
11	7.881	800	815	820	rBV4	3336552	6846800	2.90%	0.680%
12	7.969	820	830	834	rVV	25027667	47922664	20.26%	4.762%
13	7.998	834	835	842	rVB2	2871918	3852293	1.63%	0.383%
14	8.110	847	854	860	rBV	21294803	33834564	14.31%	3.362%
15	8.328	883	891	895	rVV	33013291	56491929	23.89%	5.614%
16	8.357	895	896	903	rVB2	5495406	6282468	2.66%	0.624%
17	8.516	913	923	929	rBV3	2044171	6408217	2.71%	0.637%
18	8.575	929	933	939	rVB3	1312936	2595721	1.10%	0.258%
19	8.687	944	952	962	rVB2	1649727	3648473	1.54%	0.363%
20	8.881	980	985	992	rVB2	1621603	2857968	1.21%	0.284%
21	9.010	998	1007	1020	rBV4	3094995	8571905	3.62%	0.852%
22	9.251	1034	1048	1052	rBV5	2812226	10035517	4.24%	0.997%
23	9.310	1053	1058	1065	rVV3	7631836	19546764	8.27%	1.943%
24	9.387	1067	1071	1076	rVB3	5107719	11686818	4.94%	1.161%
25	9.469	1081	1085	1089	rVB	3625085	4980914	2.11%	0.495%
26	9.604	1104	1108	1115	rVB	3134575	5111117	2.16%	0.508%
27	9.681	1115	1121	1126	rVB	3353870	5235743	2.21%	0.520%
28	9.745	1126	1132	1141	rBV2	7532793	15075800	6.37%	1.498%
29	9.828	1141	1146	1151	rBV2	4471977	6715141	2.84%	0.667%
30	9.922	1158	1162	1168	rVB4	1340129	2757134	1.17%	0.274%
31	10.016	1168	1178	1183	rVB4	1349601	3057935	1.29%	0.304%
32	10.204	1202	1210	1217	rBV	9096681	16682221	7.05%	1.658%
33	10.304	1222	1227	1233	rVB5	1744856	3379891	1.43%	0.336%
34	10.369	1233	1238	1243	rBV2	1718364	2651873	1.12%	0.264%

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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	10.451	1243	1252	1257	rVB2	1890820	3703804	1.57%	0.368%
36	10.516	1257	1263	1266	rBV4	1245971	2686850	1.14%	0.267%
37	10.675	1284	1290	1297	rBV2	10290220	20318374	8.59%	2.019%
38	10.728	1297	1299	1305	rVB3	3182450	4753979	2.01%	0.472%
39	10.804	1305	1312	1318	rBV4	4969282	10600771	4.48%	1.053%
40	10.904	1324	1329	1333	rVB	2235305	3539281	1.50%	0.352%
41	10.951	1333	1337	1340	rVV	2561216	3828653	1.62%	0.380%
42	10.992	1340	1344	1350	rVV2	4512743	7512892	3.18%	0.747%
43	11.057	1350	1355	1364	rVB	8604950	13825474	5.85%	1.374%
44	11.186	1369	1377	1385	rBV	2966479	5793020	2.45%	0.576%
45	11.633	1445	1453	1461	rVB5	3527924	8769847	3.71%	0.872%
46	11.945	1501	1506	1510	rVB	4258053	6161923	2.61%	0.612%
47	12.033	1516	1521	1527	rBV5	1083406	2533491	1.07%	0.252%
48	12.092	1527	1531	1535	rVV3	2229766	3476258	1.47%	0.345%
49	12.139	1535	1539	1544	rVV	4031027	5927748	2.51%	0.589%
50	12.222	1548	1553	1558	rVV	5055289	7747281	3.28%	0.770%
51	12.280	1558	1563	1567	rVV3	2040349	3776493	1.60%	0.375%
52	12.333	1567	1572	1576	rVB3	1419202	2382098	1.01%	0.237%
53	12.445	1584	1591	1596	rBV2	2188184	5374081	2.27%	0.534%
54	12.504	1596	1601	1606	rVB4	2004953	4233273	1.79%	0.421%
55	12.692	1629	1633	1641	rVB2	2026406	3623135	1.53%	0.360%
56	12.869	1653	1663	1667	rBV5	2551765	6287994	2.66%	0.625%
57	12.945	1671	1676	1682	rBV	4522971	6664089	2.82%	0.662%
58	13.104	1696	1703	1713	rVB	5733881	11201917	4.74%	1.113%
59	13.192	1713	1718	1724	rBV4	2437269	4832439	2.04%	0.480%
60	13.269	1724	1731	1741	rVB4	3893554	7897012	3.34%	0.785%
61	13.522	1770	1774	1778	rBV3	1900799	3386234	1.43%	0.337%
62	13.574	1778	1783	1790	rVB2	4235349	8688191	3.67%	0.863%
63	13.710	1796	1806	1814	rBV4	2539257	7459647	3.15%	0.741%
64	13.892	1831	1837	1847	rBV4	6367825	15868452	6.71%	1.577%
65	14.169	1876	1884	1886	rBV6	2175652	4716341	1.99%	0.469%
66	14.198	1886	1889	1893	rVV	3147478	5713564	2.42%	0.568%
67	14.239	1893	1896	1902	rVB	4521968	6309916	2.67%	0.627%
68	14.345	1909	1914	1918	rBV4	3026947	4904956	2.07%	0.487%
69	14.416	1923	1926	1933	rVB	2902648	4225868	1.79%	0.420%
70	14.510	1933	1942	1948	rBV2	6177048	10583904	4.48%	1.052%
71	14.586	1948	1955	1961	rVV6	1573971	3891172	1.65%	0.387%

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	14.857	1994	2001	2007	rBV4	8012807	19216082	8.13%	1.910%
73	14.910	2008	2010	2016	rVB3	5279298	7520705	3.18%	0.747%
74	15.010	2022	2027	2030	rBV5	1494178	3002810	1.27%	0.298%
75	15.057	2030	2035	2042	rVV2	6848260	13397843	5.67%	1.331%
76	15.169	2042	2054	2058	rVV2	107781501	236483901	100.00%	23.501%
77	15.268	2067	2071	2074	rBV3	1779319	2554324	1.08%	0.254%
78	15.504	2107	2111	2115	rBV	2996198	4043628	1.71%	0.402%
79	15.616	2124	2130	2131	rBV3	3838051	5855823	2.48%	0.582%
80	15.874	2169	2174	2182	rBV4	2661272	4830189	2.04%	0.480%
81	16.380	2256	2260	2266	rVB	2419077	4410054	1.86%	0.438%
82	16.721	2313	2318	2325	rBV3	2013517	3641937	1.54%	0.362%
83	16.821	2331	2335	2343	rBV2	3029564	5714053	2.42%	0.568%
84	17.080	2377	2379	2394	rVB3	7758376	13275024	5.61%	1.319%
85	17.292	2409	2415	2418	rBV2	10375289	17541445	7.42%	1.743%
86	17.327	2418	2421	2425	rVV2	7454042	10626155	4.49%	1.056%
87	17.380	2426	2430	2435	rVV	4533506	7266996	3.07%	0.722%
88	17.715	2482	2487	2491	rBV	4319057	6392486	2.70%	0.635%
89	17.762	2491	2495	2499	rVB2	1771092	2513102	1.06%	0.250%
90	18.157	2558	2562	2567	rBV2	2544492	3593863	1.52%	0.357%
91	18.445	2607	2611	2614	rBV2	1882256	2582073	1.09%	0.257%
92	18.539	2623	2627	2632	rVB	1793931	2532088	1.07%	0.252%
93	19.639	2809	2814	2819	rBV2	4099408	6946791	2.94%	0.690%
94	21.415	3111	3116	3124	rBV	10583155	13860446	5.86%	1.377%
95	23.568	3476	3482	3488	rBV2	2435576	4489399	1.90%	0.446%
96	23.721	3501	3508	3516	rVB	5505902	10789117	4.56%	1.072%

Sum of corrected areas: 1006254765

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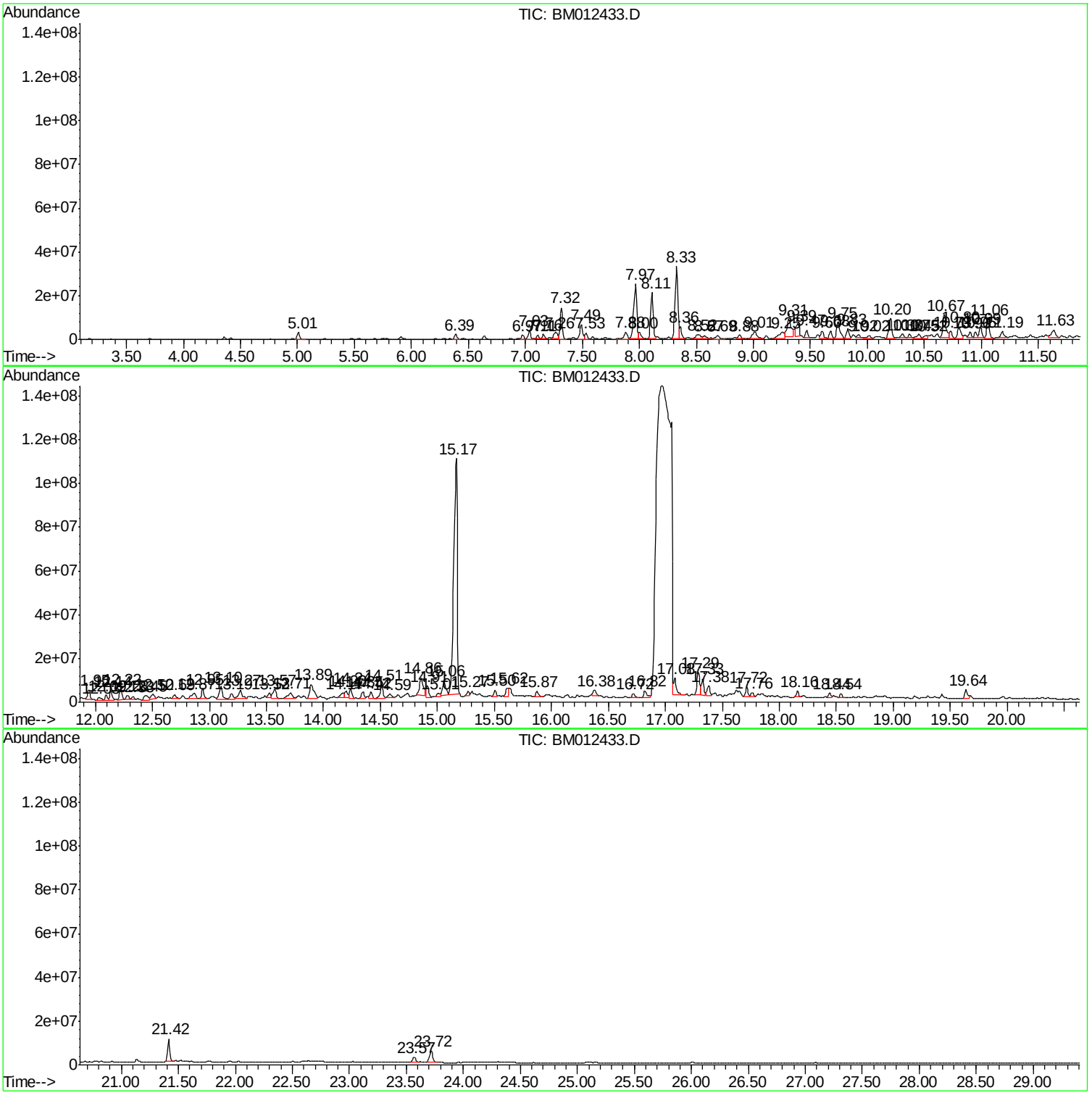
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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Sample : I5882-01
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Instrument : BNA_M
ClientSampleId : S1(1-3)

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

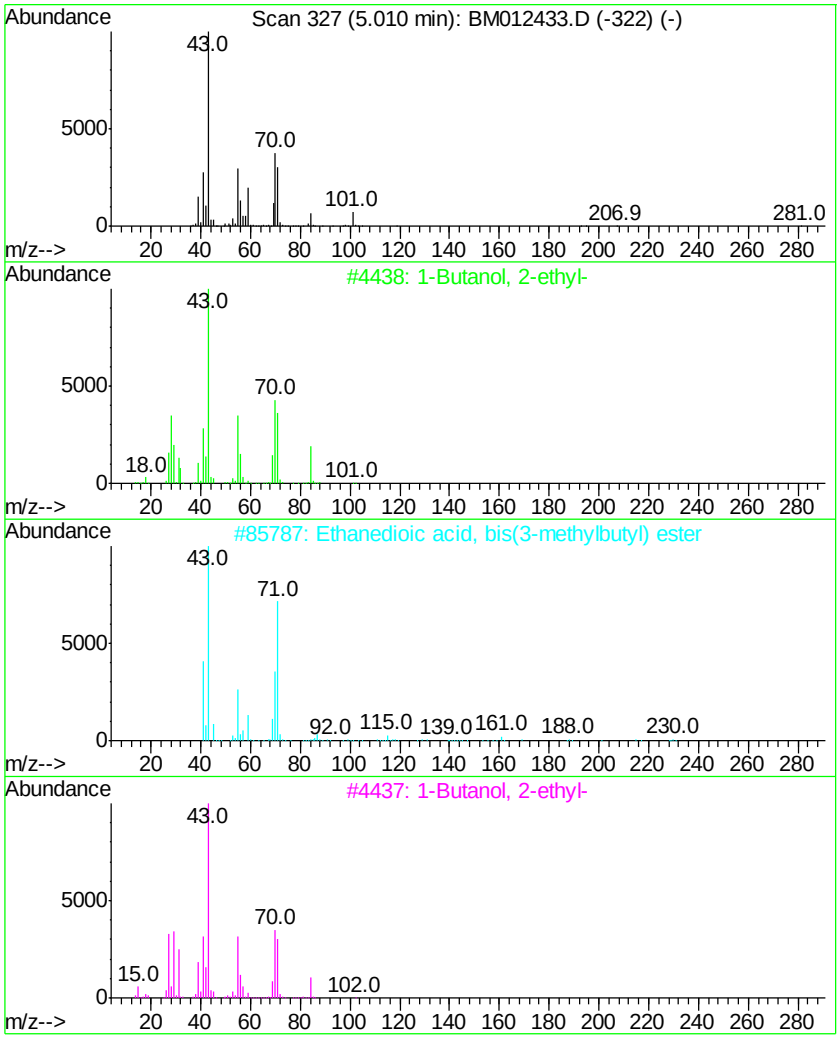
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

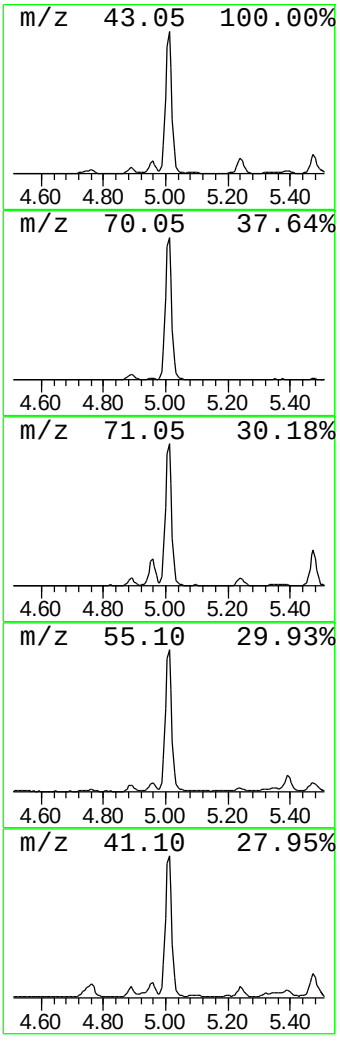
****

Peak Number 1 1-Butanol, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	13.50 ng/ul	4621590	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
2	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	53
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	47
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	47





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

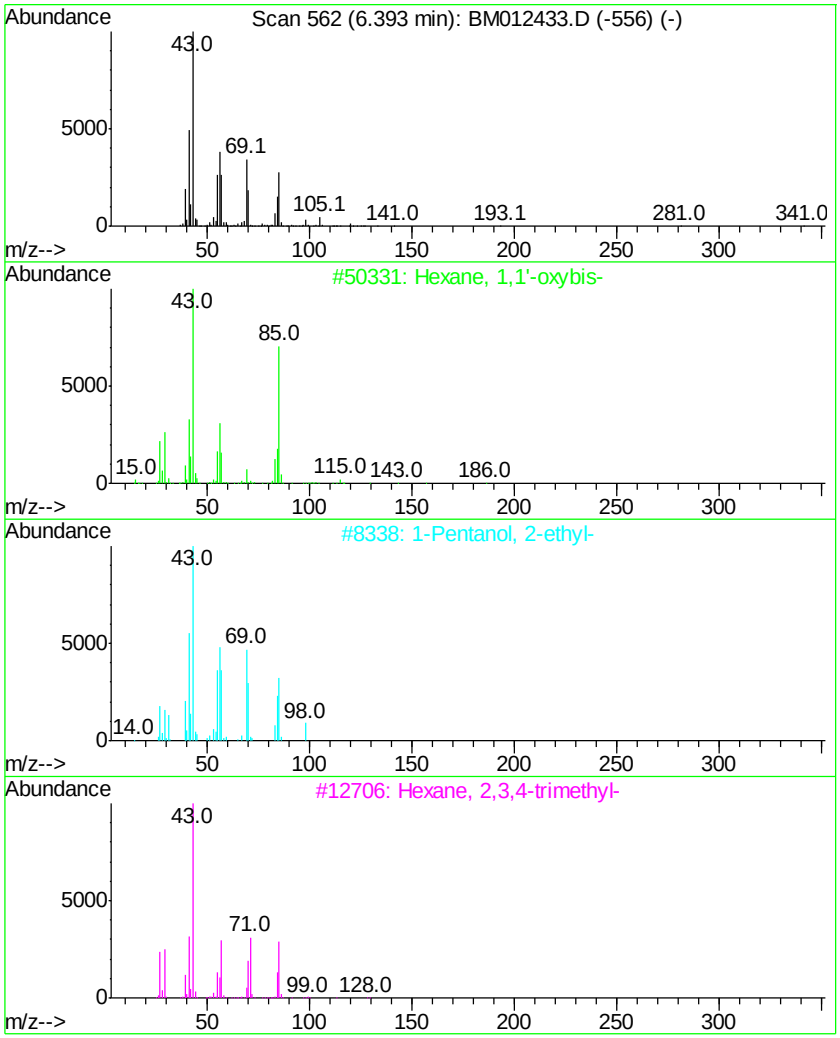
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

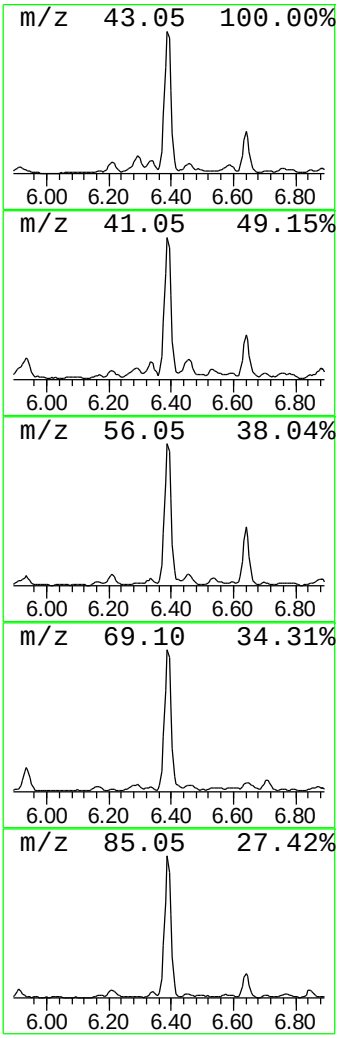
****

Peak Number 2 Hexane, 1,1'-oxybis- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	9.98 ng/ul	3417790	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
2	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	56
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
5	Octane	114	C8H18	000111-65-9	50





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Instrument : BNA_M
ClientSampleId : S1(1-3)

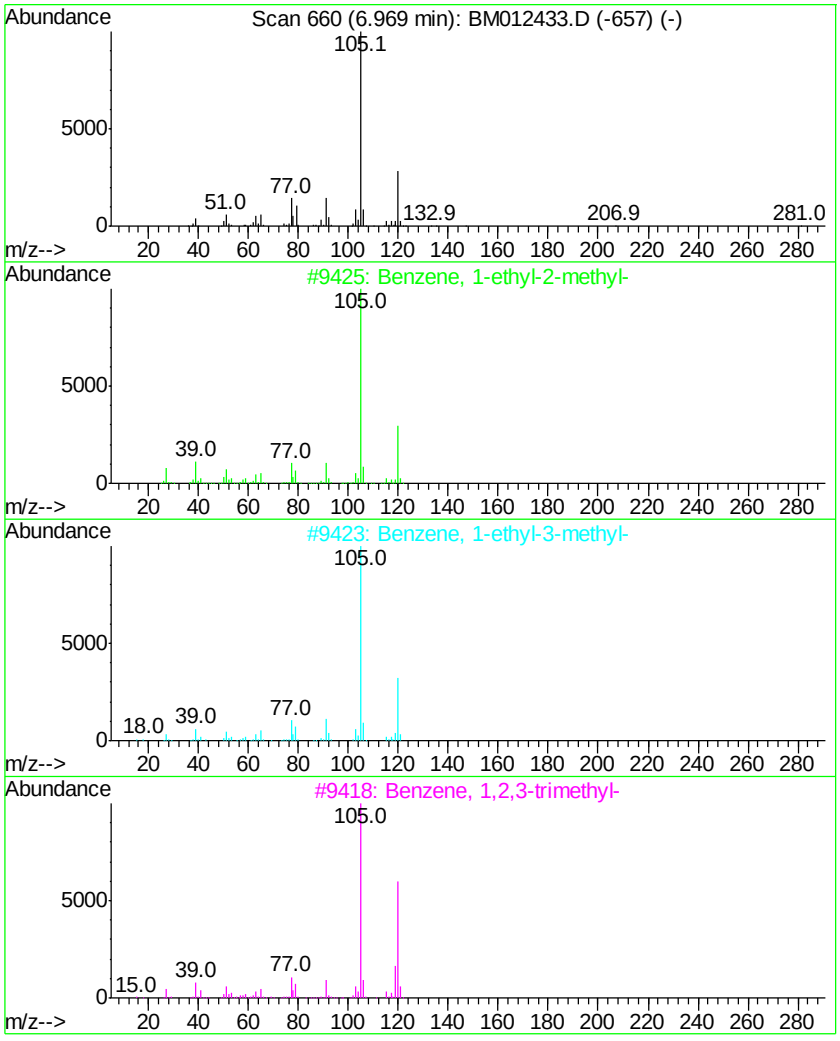
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

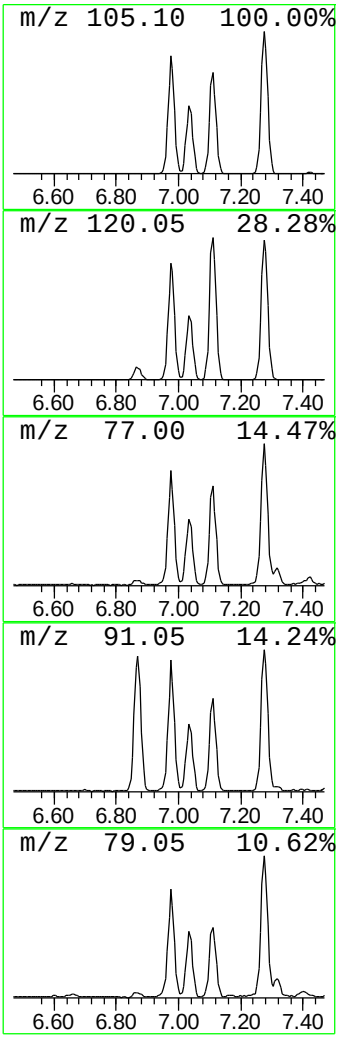
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	7.69 ng/ul	2633030	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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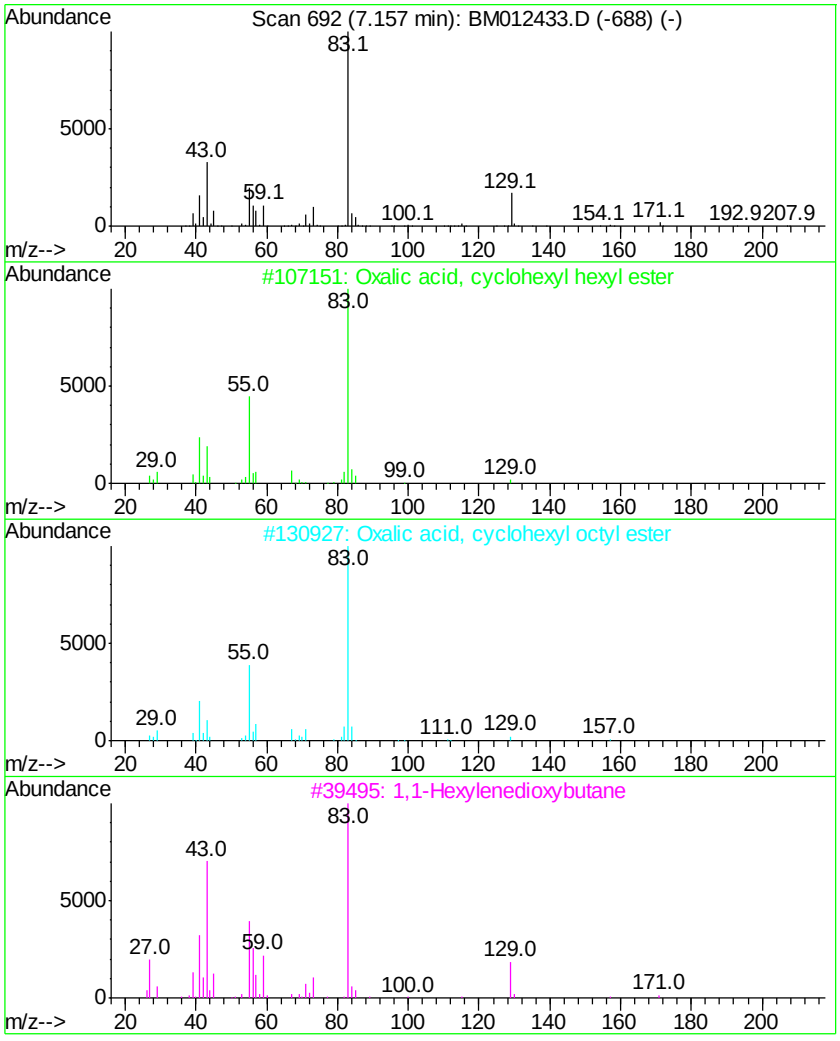
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

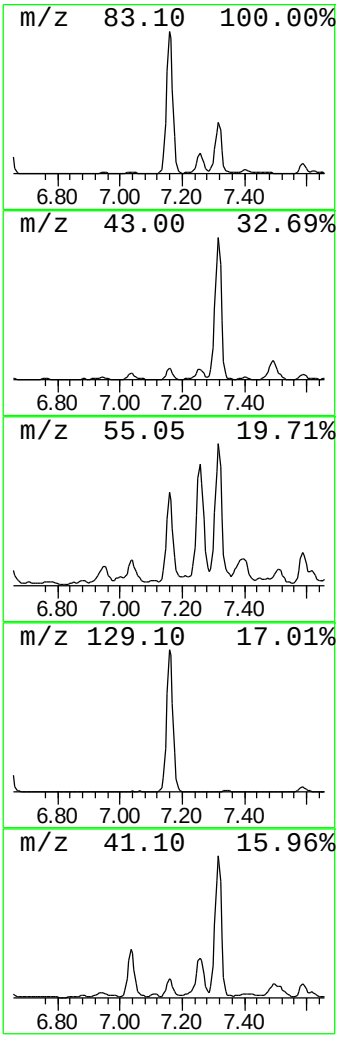
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Oxalic acid, cyclohexyl hex... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	8.90 ng/ul	3047680	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	53
2	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	50
3	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	43
4	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	40
5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

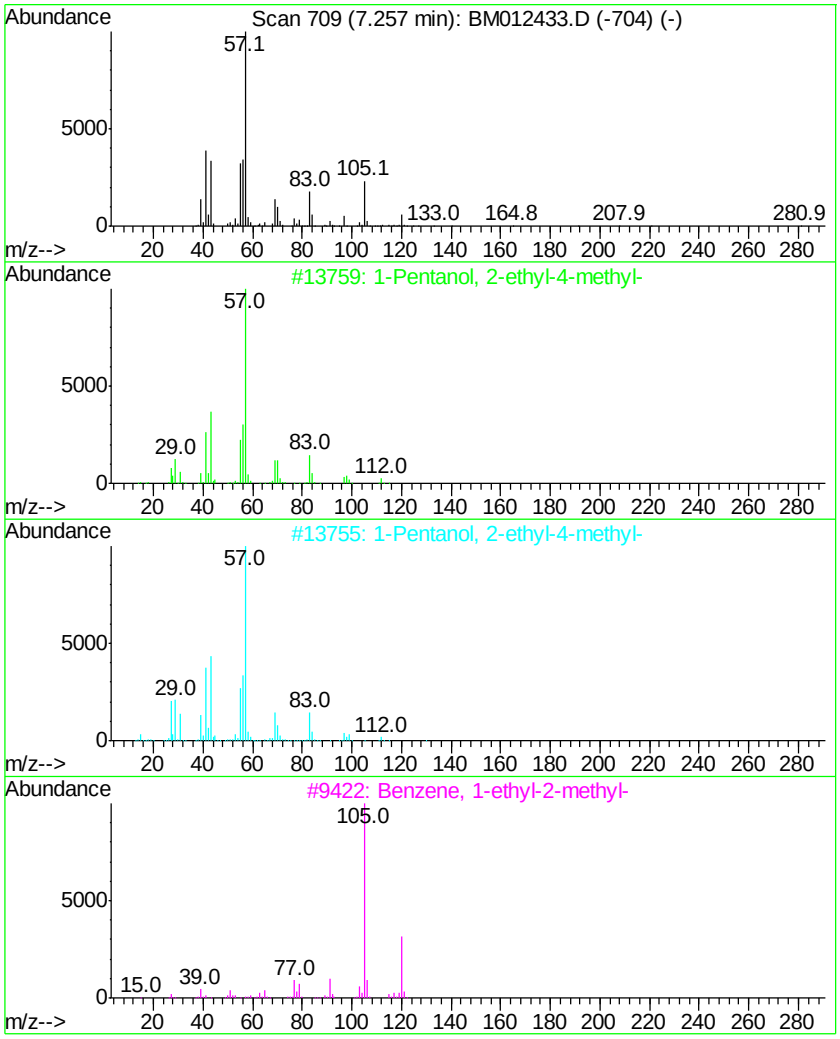
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

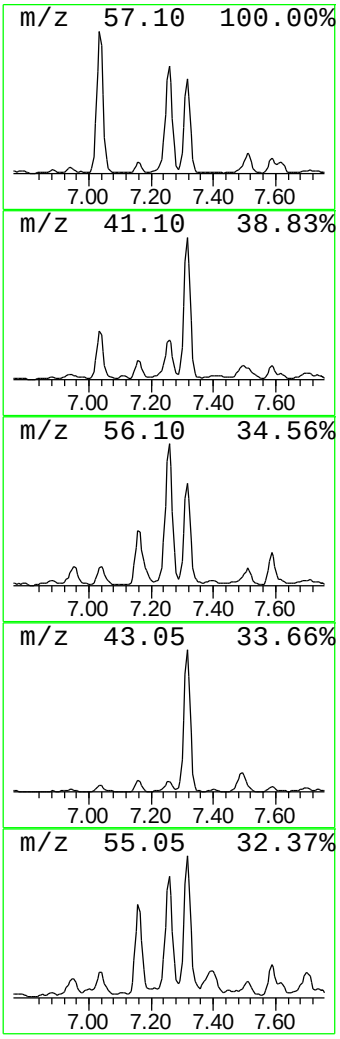
****

Peak Number 5 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	17.62 ng/ul	6032020	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	42
4	Mesitylene	120	C9H12	000108-67-8	42
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42





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Data File : BM012433.D
Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

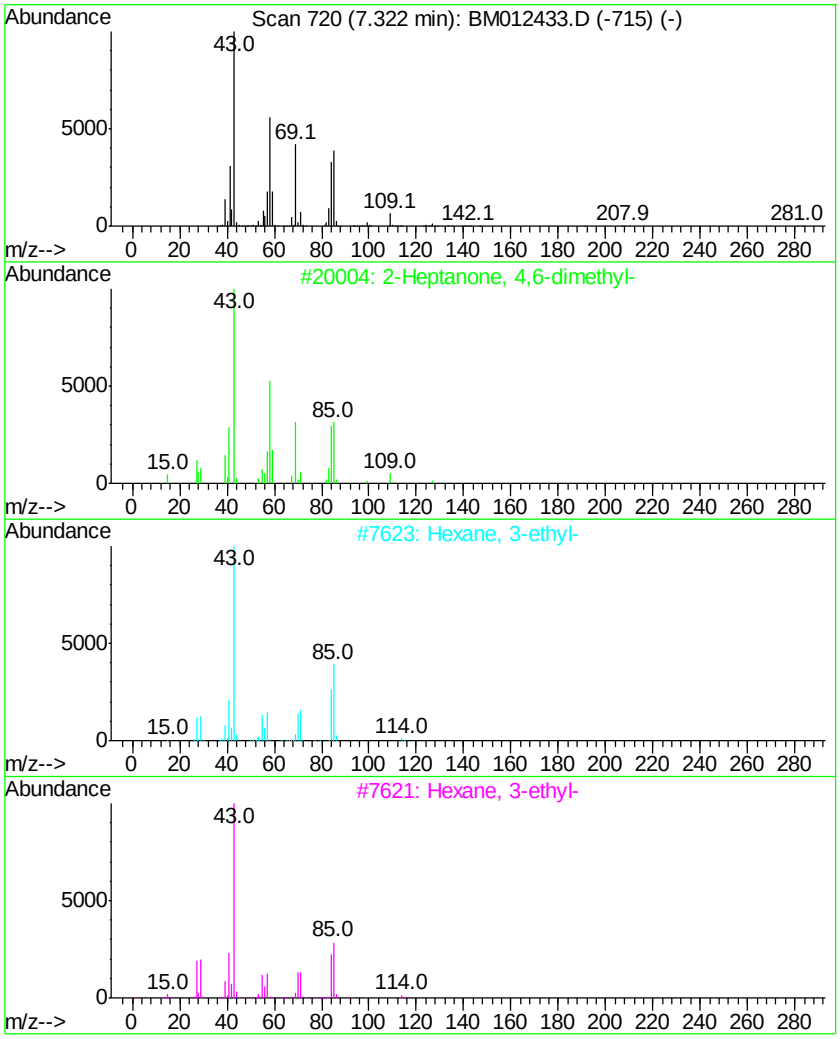
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

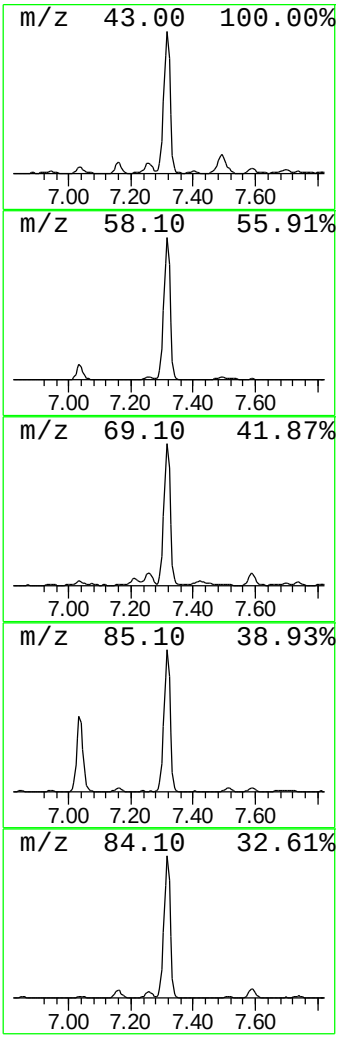
****

Peak Number 6 2-Heptanone, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	57.83 ng/ul	19797000	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38





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Data File : BM012433.D
Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

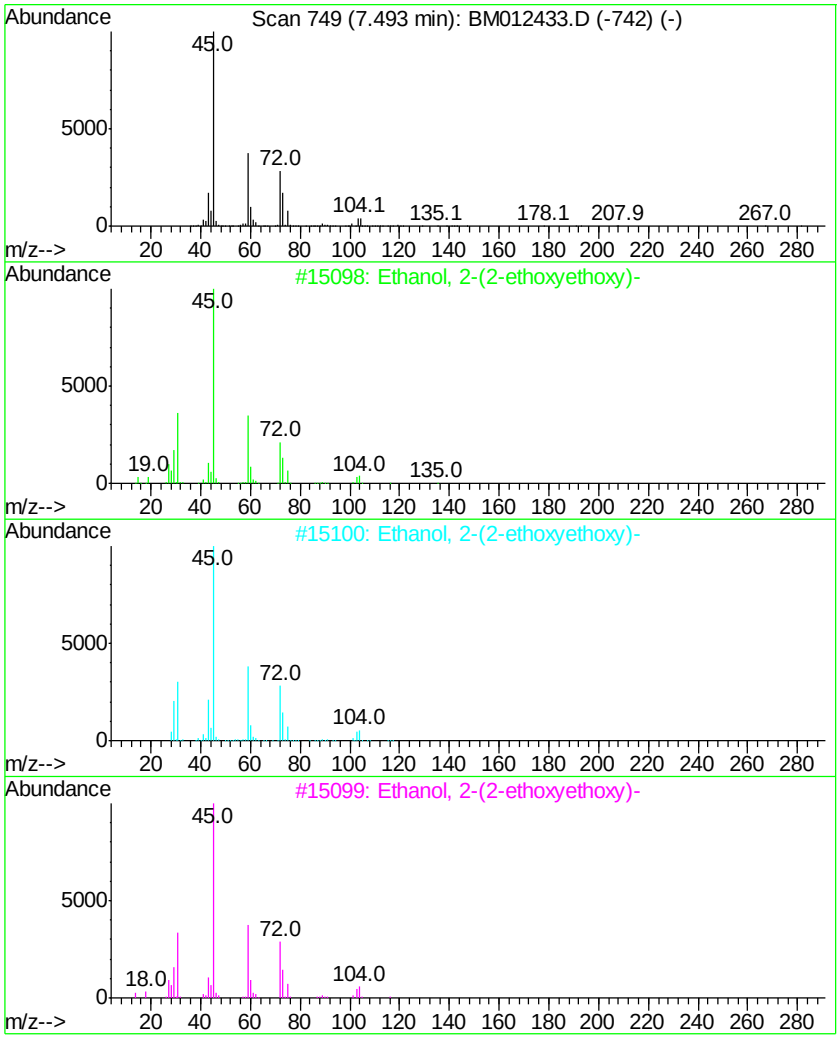
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

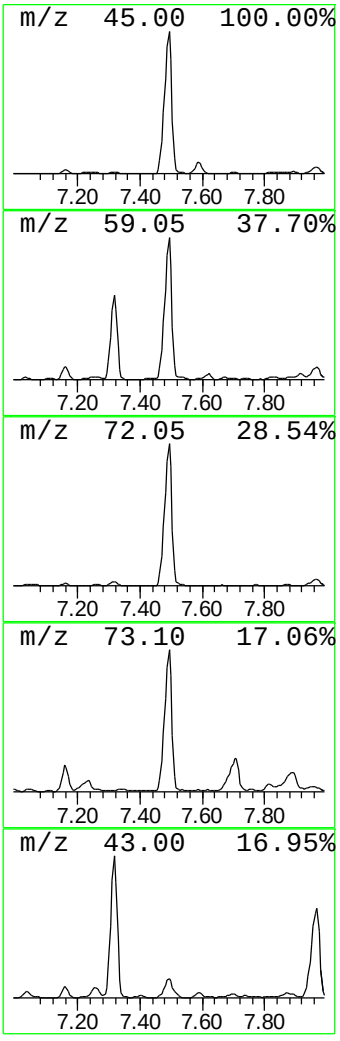
****

Peak Number 7 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	34.18 ng/ul	11700100	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
5	Diethyl carbitol	162	C8H18O3	000112-36-7	72





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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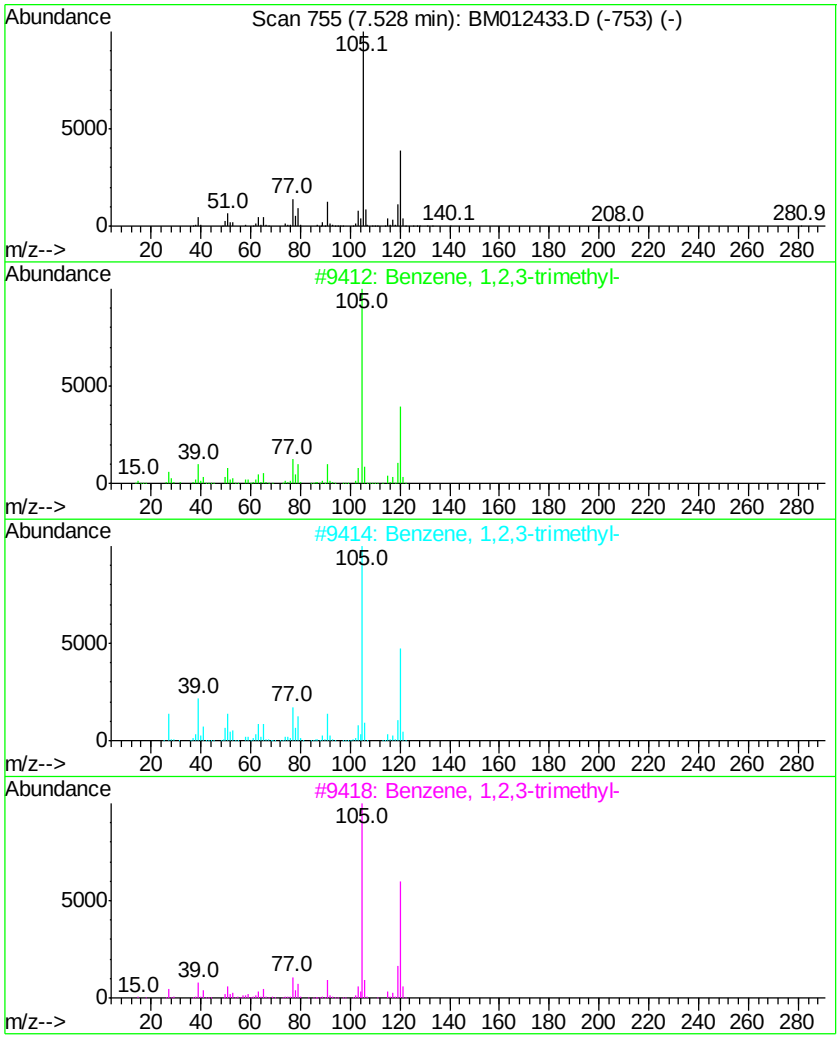
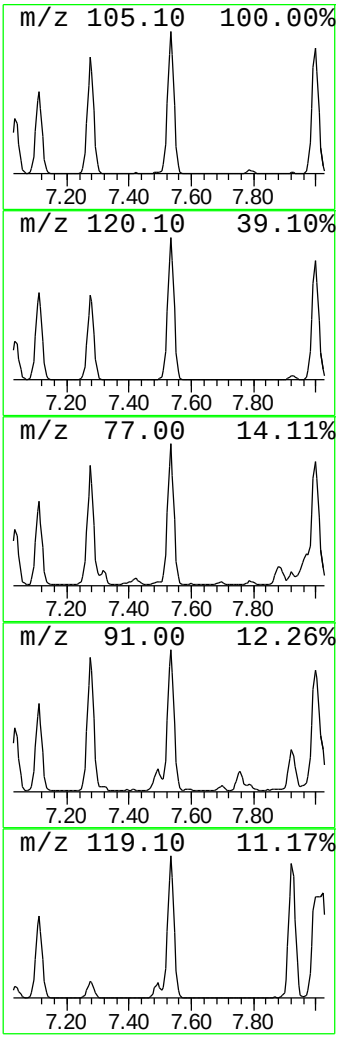
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	11.88 ng/ul	4066820	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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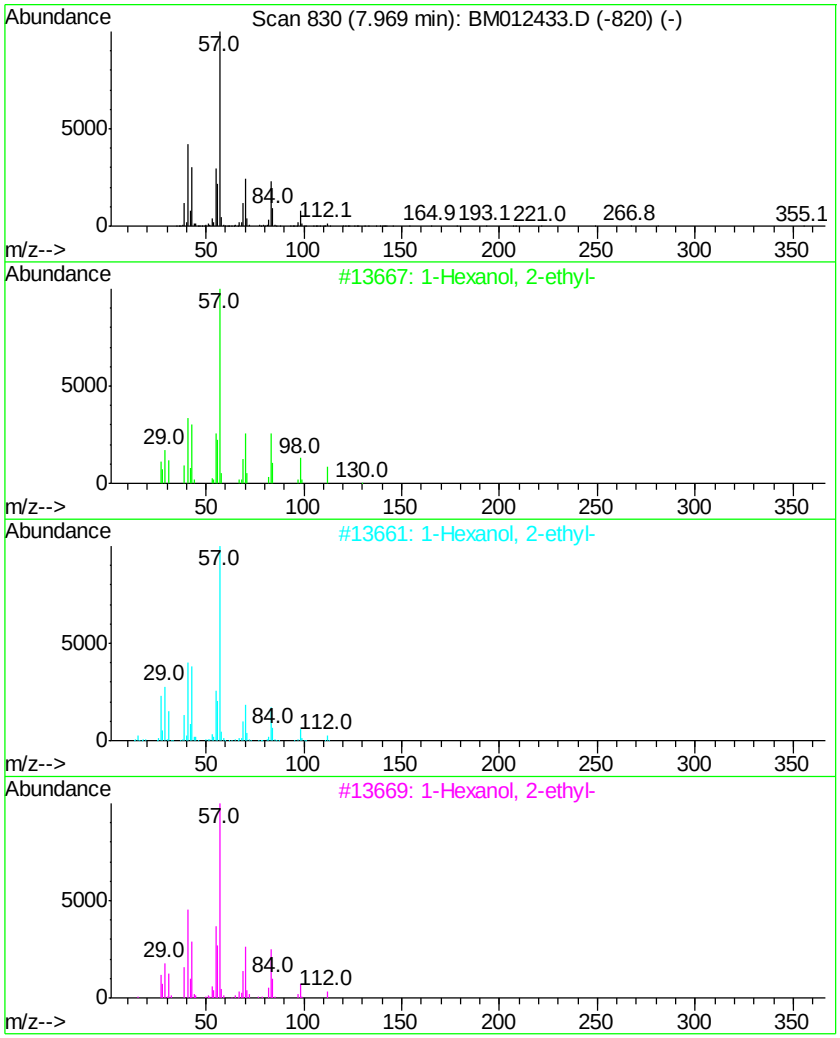
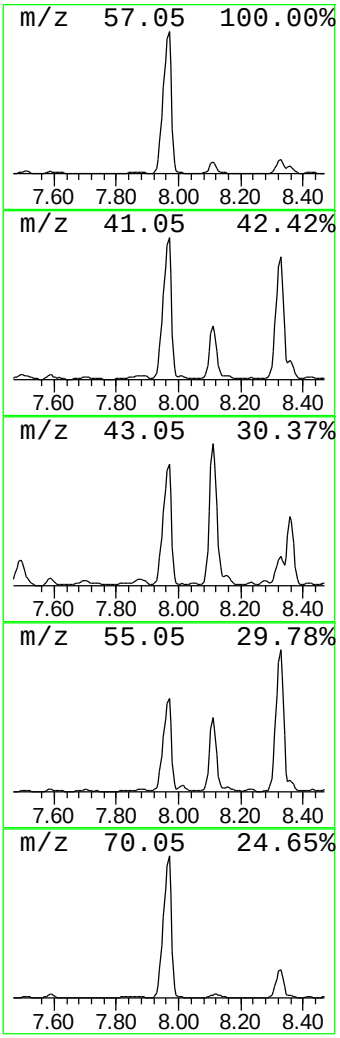
Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	139.99 ng/ul	47922700	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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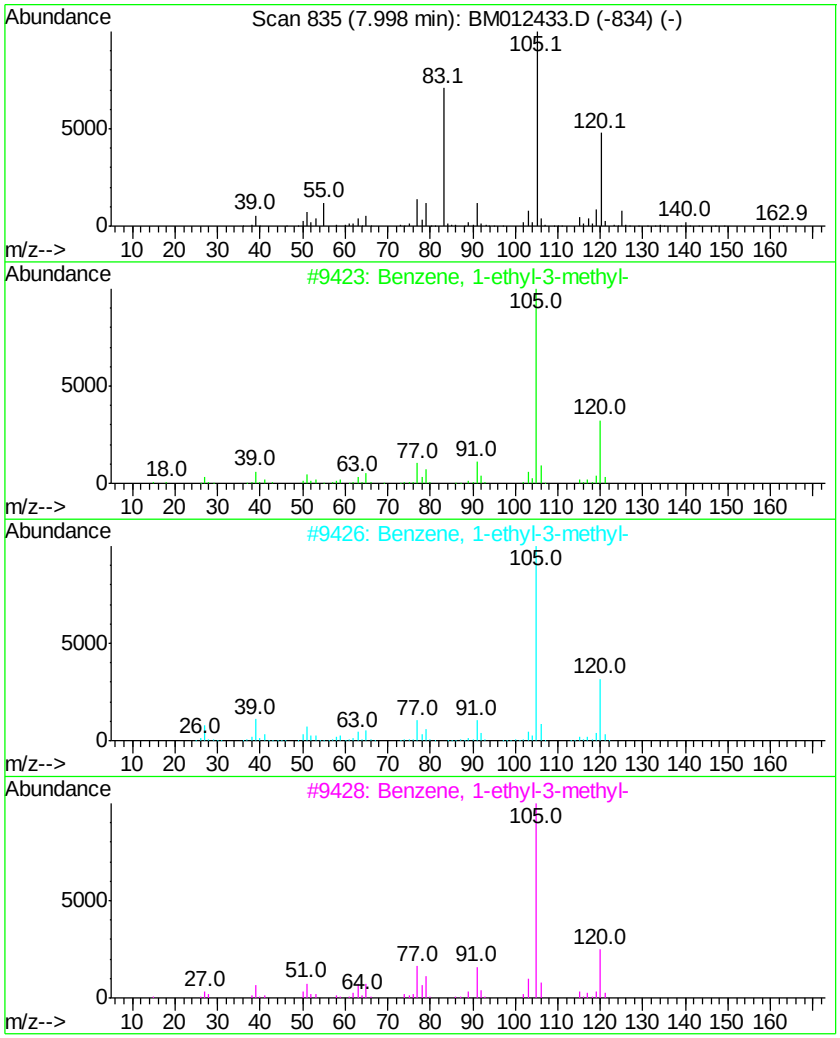
Quant Title : SVOA CALIBRATION

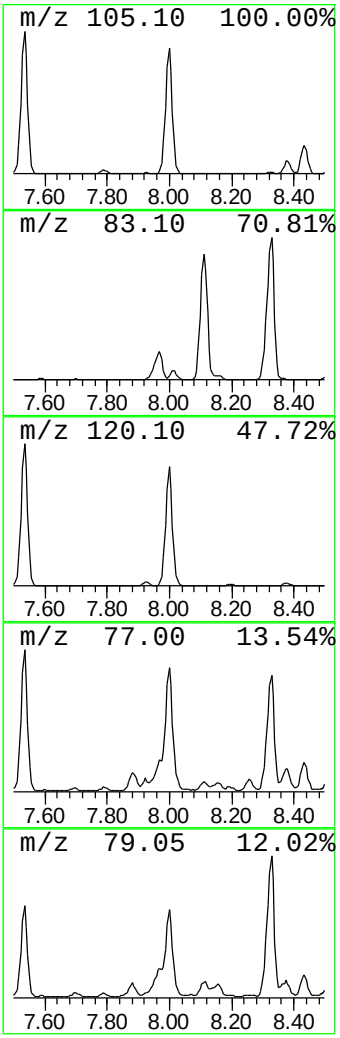
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	11.25 ng/ul	3852290	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
4	Mesitylene	120	C9H12	000108-67-8	58
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58





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Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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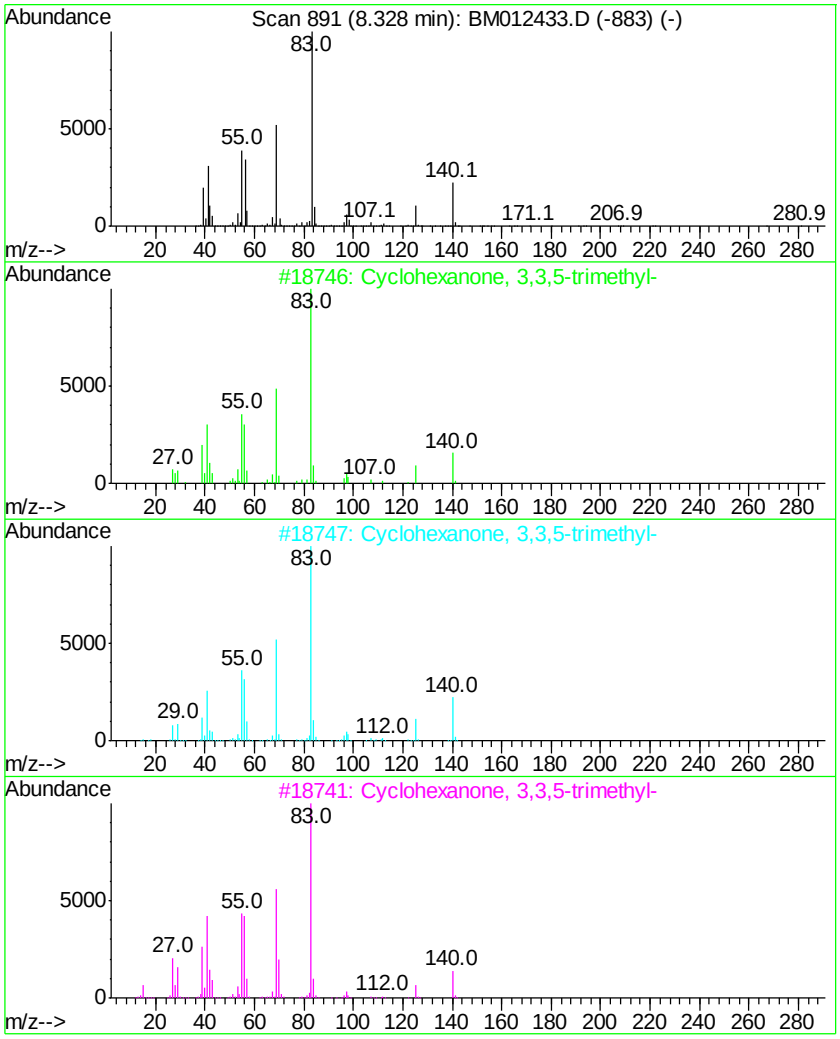
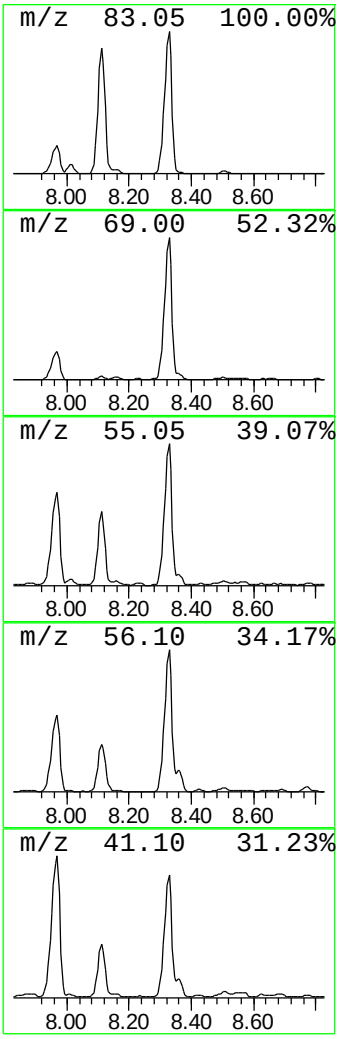
Peak Number 12 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	165.02 ng/ul	56491900	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	59





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

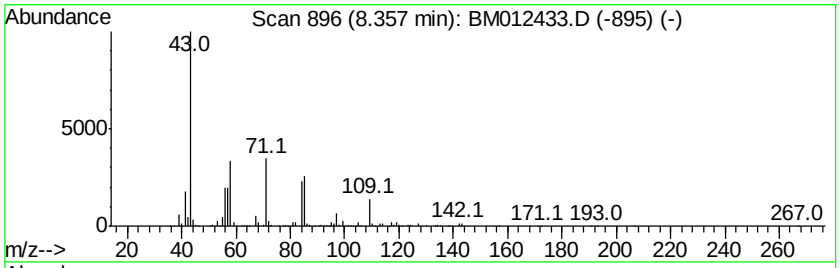
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

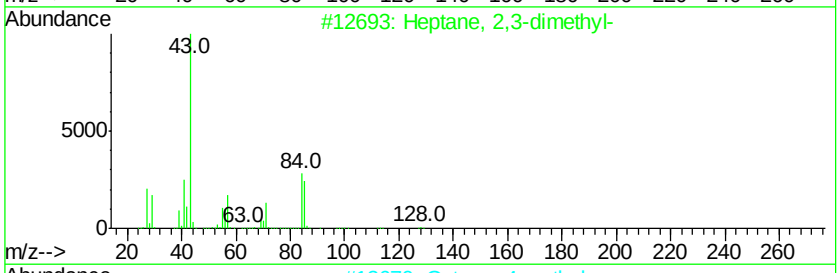
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

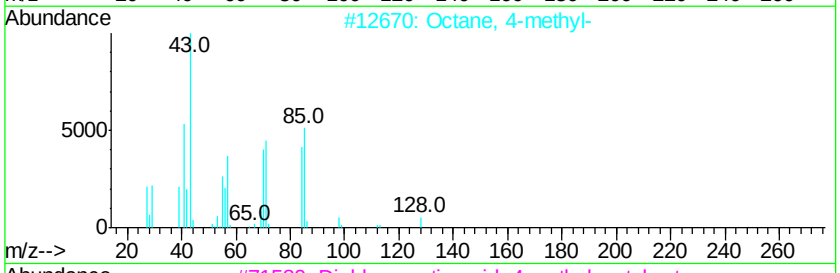
****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

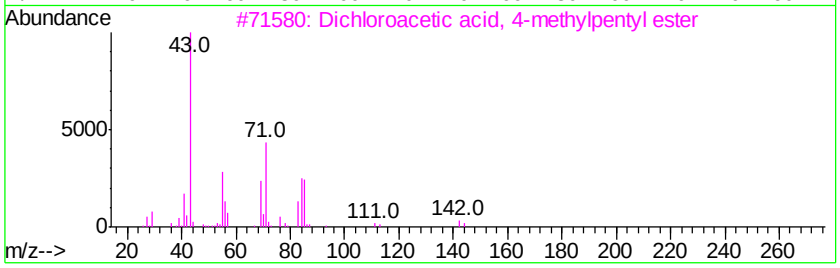
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	18.35 ng/ul	6282470	1,4-Dichlorobenzene-d4	7.88

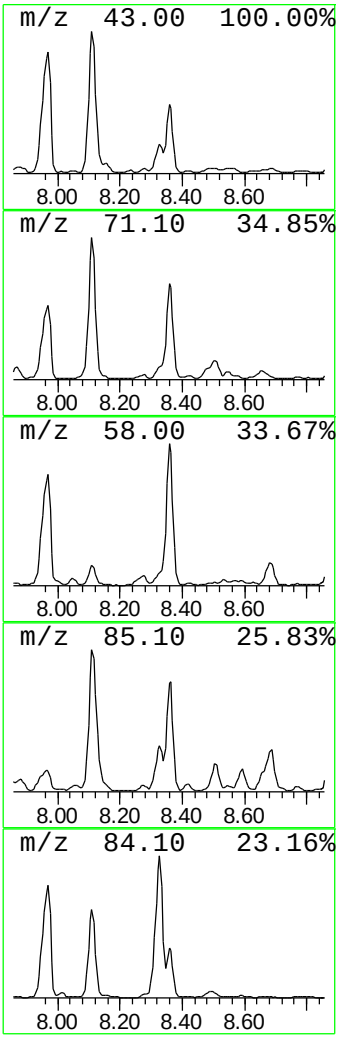
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
2	Octane, 4-methyl-	128	C9H20	002216-34-4	42
3	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	40
4	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	40
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	40











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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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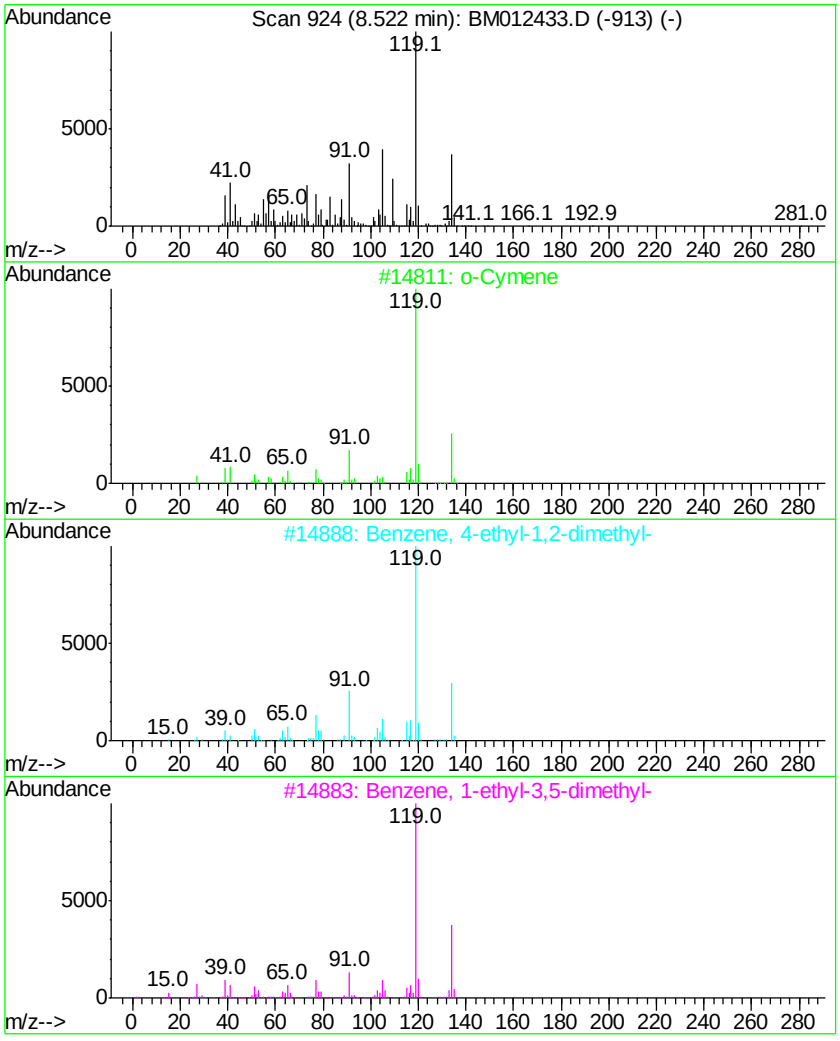
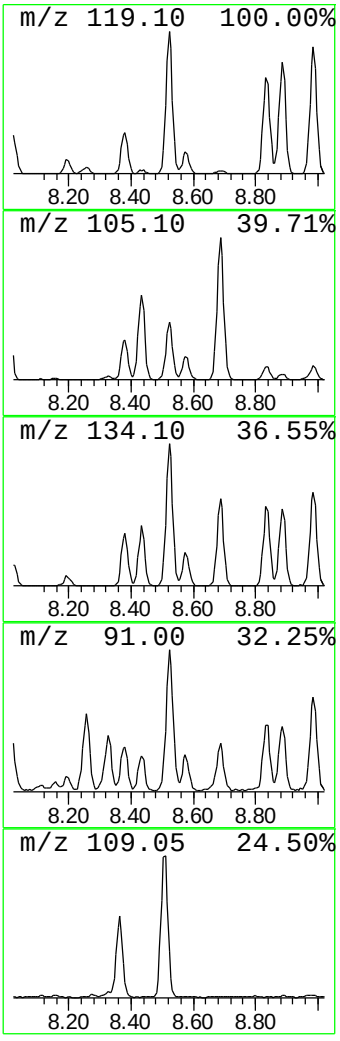
Peak Number 14 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	18.72 ng/ul	6408220	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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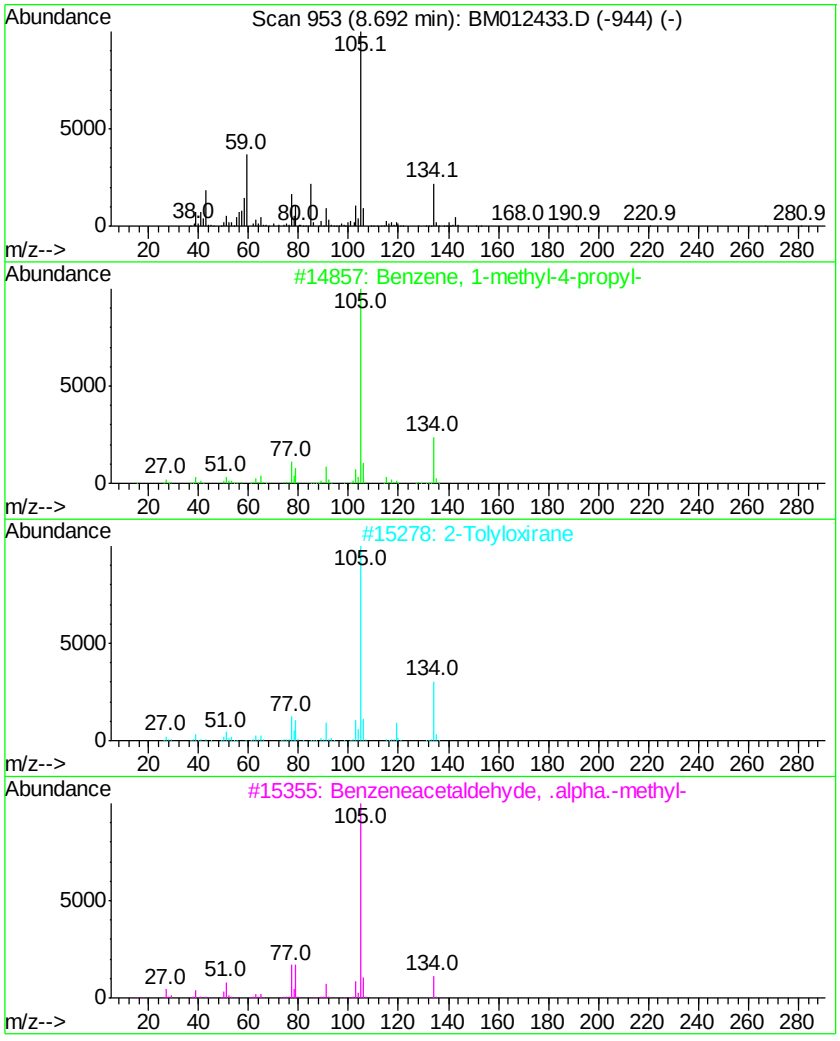
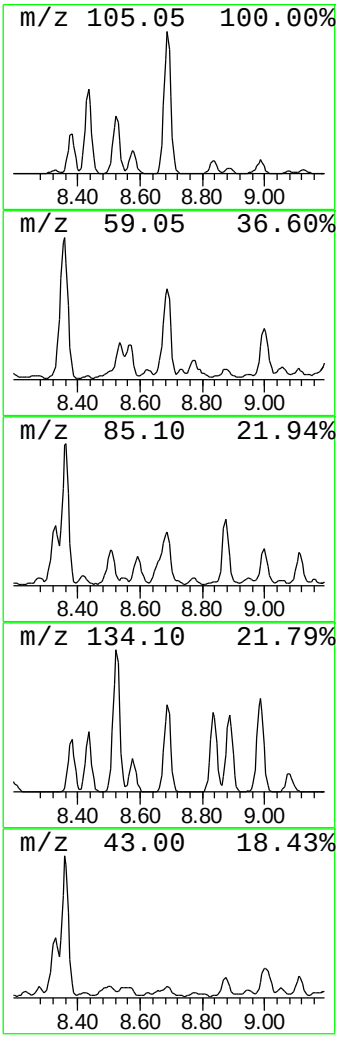
Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	10.66 ng/ul	3648470	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	92
2	2-Tolyloxirane	134	C9H10O	002783-26-8	64
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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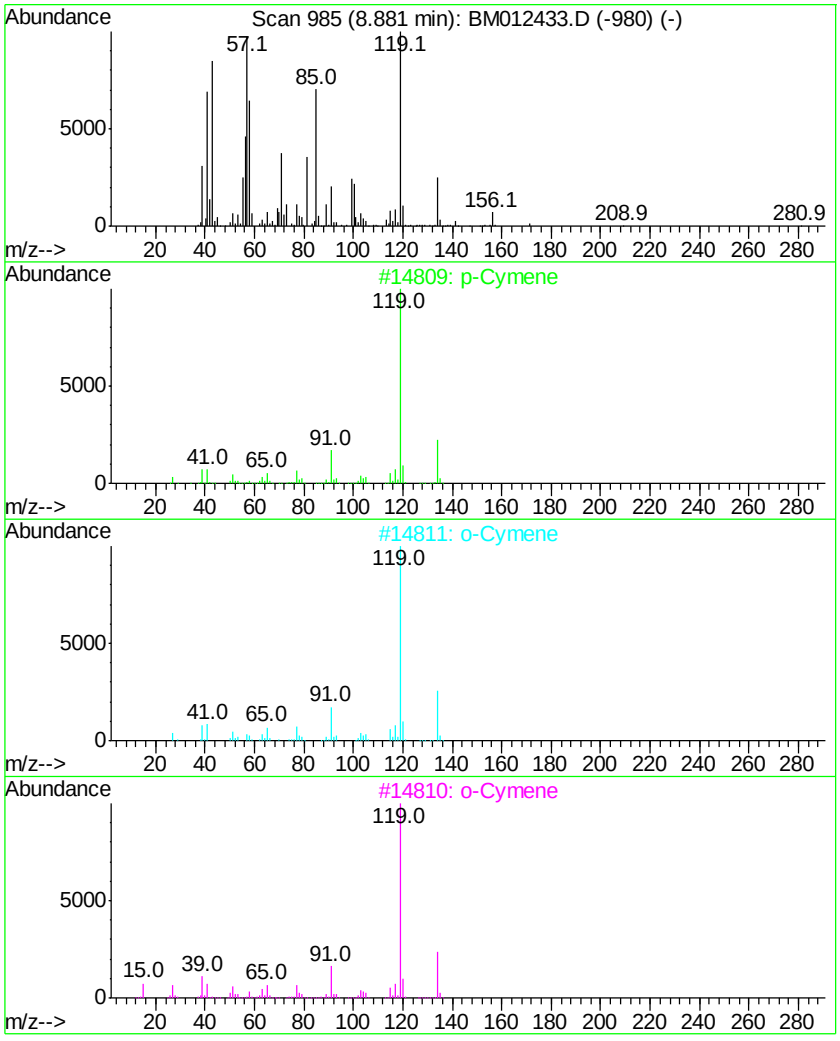
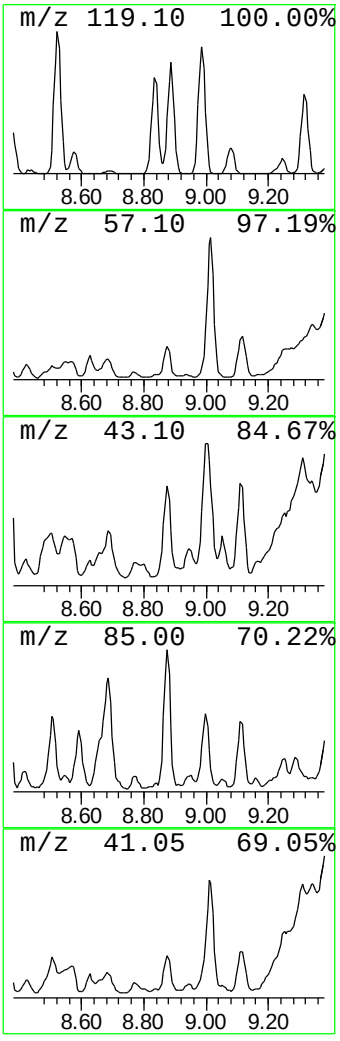
Peak Number 16 p-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	8.35 ng/ul	2857970	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	83
2	o-Cymene	134	C10H14	000527-84-4	83
3	o-Cymene	134	C10H14	000527-84-4	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	51





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ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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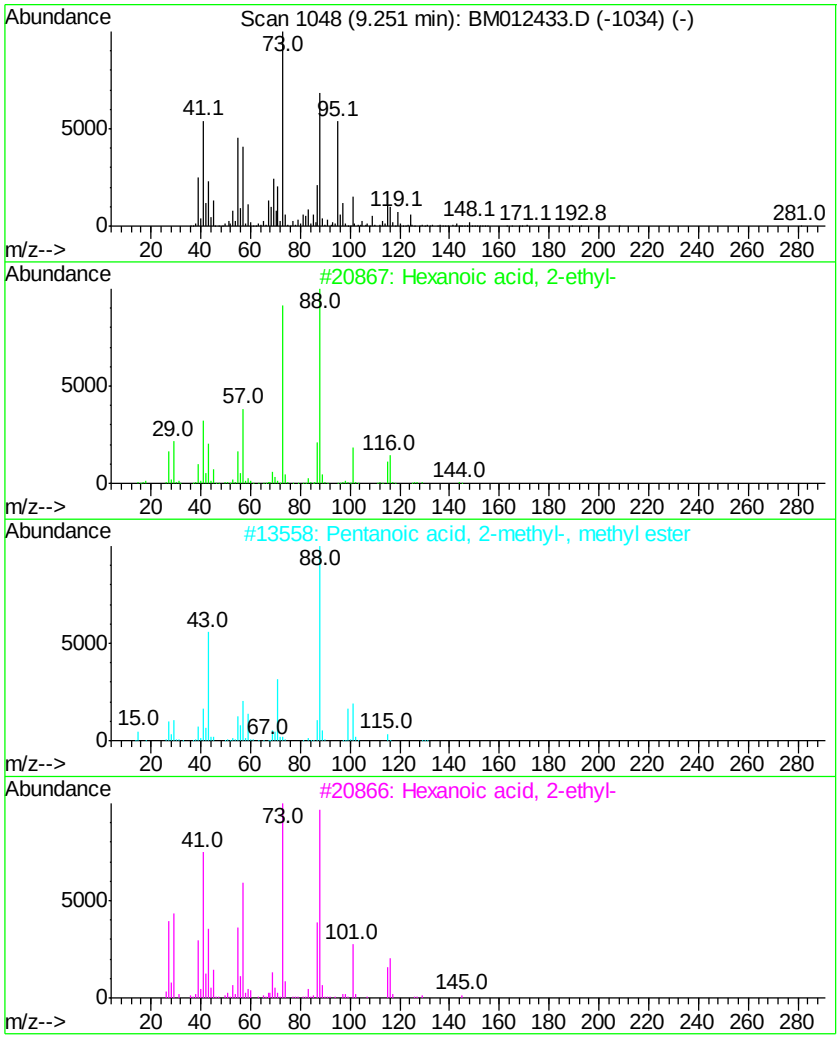
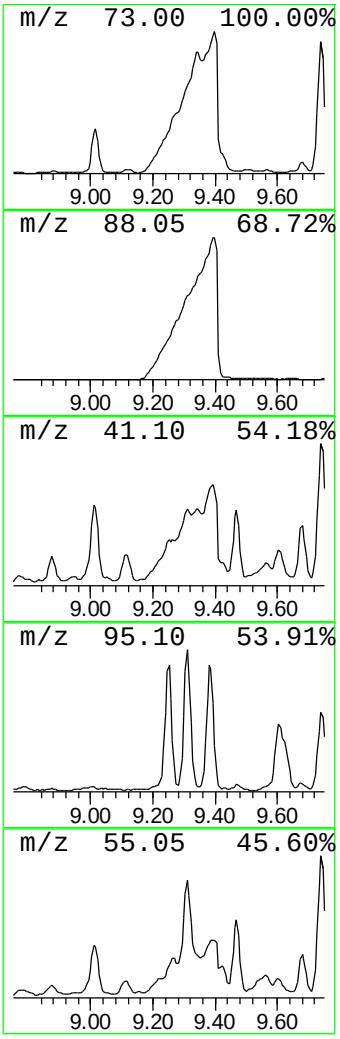
Peak Number 17 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	29.31 ng/ul	10035500	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	46
2	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	38
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	35
5	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	30





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Quant Title : SVOA CALIBRATION

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

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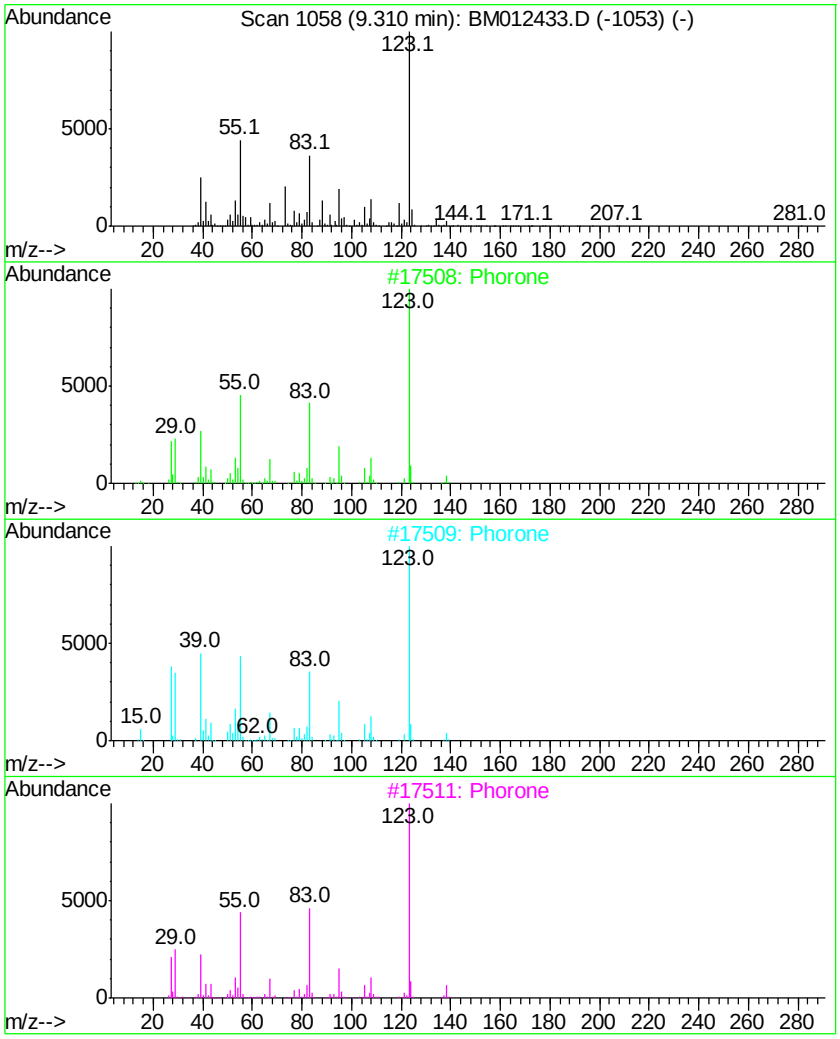
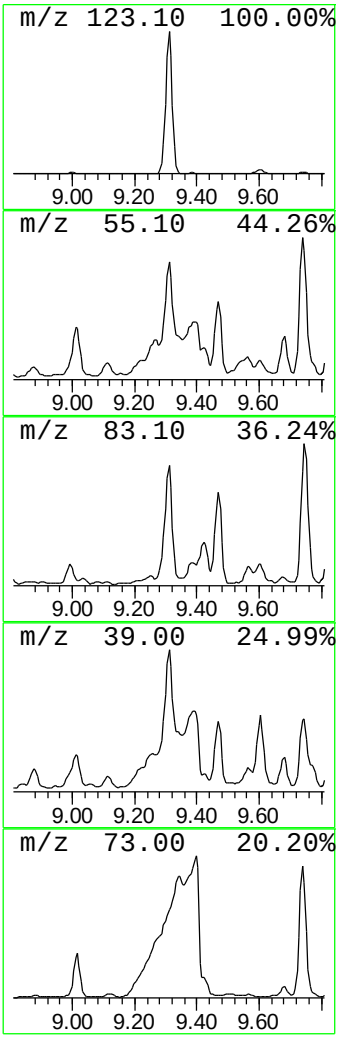
Peak Number 18 Phorone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	19.24 ng/ul	19546800	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phorone	138	C9H14O	000504-20-1	76
2	Phorone	138	C9H14O	000504-20-1	70
3	Phorone	138	C9H14O	000504-20-1	53
4	1H-1,2,3,4-Tetrazole-1-propanoic...	278	C12H11FN4O3	1000350-19-5	43
5	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	43





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Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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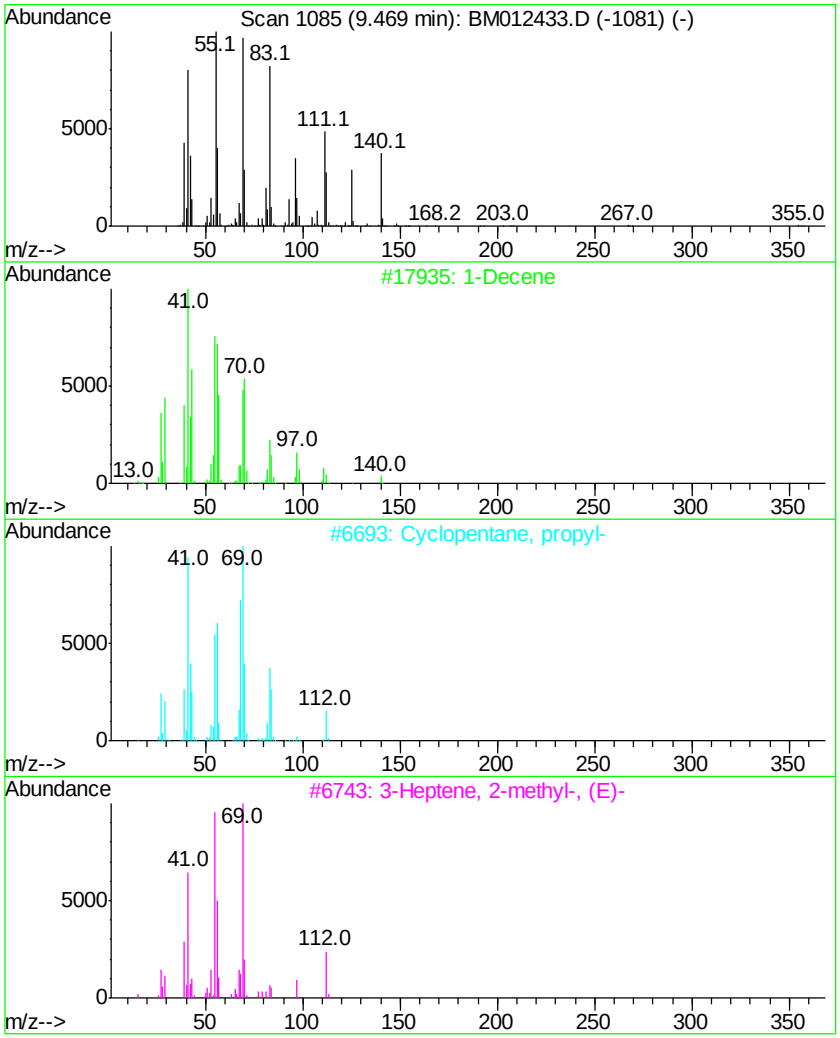
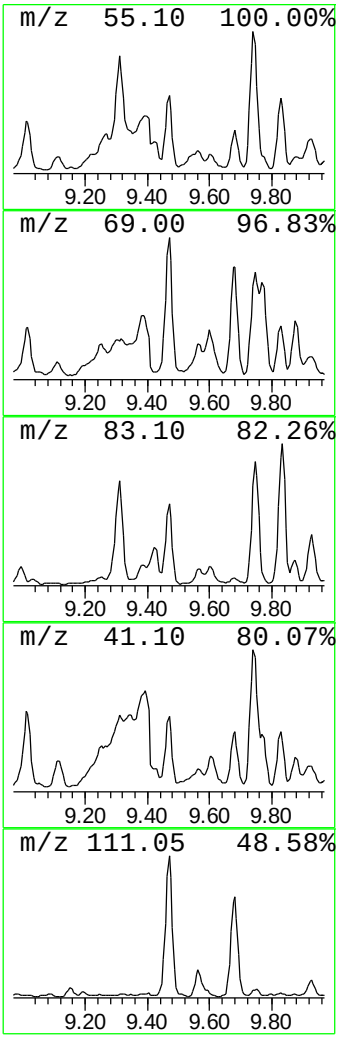
Peak Number 20 (DEL) Alkane: Cyclic9.47 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	4.90 ng/ul	4980910	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	58
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	41
4	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	38
5	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	38





Library Search Compound Report

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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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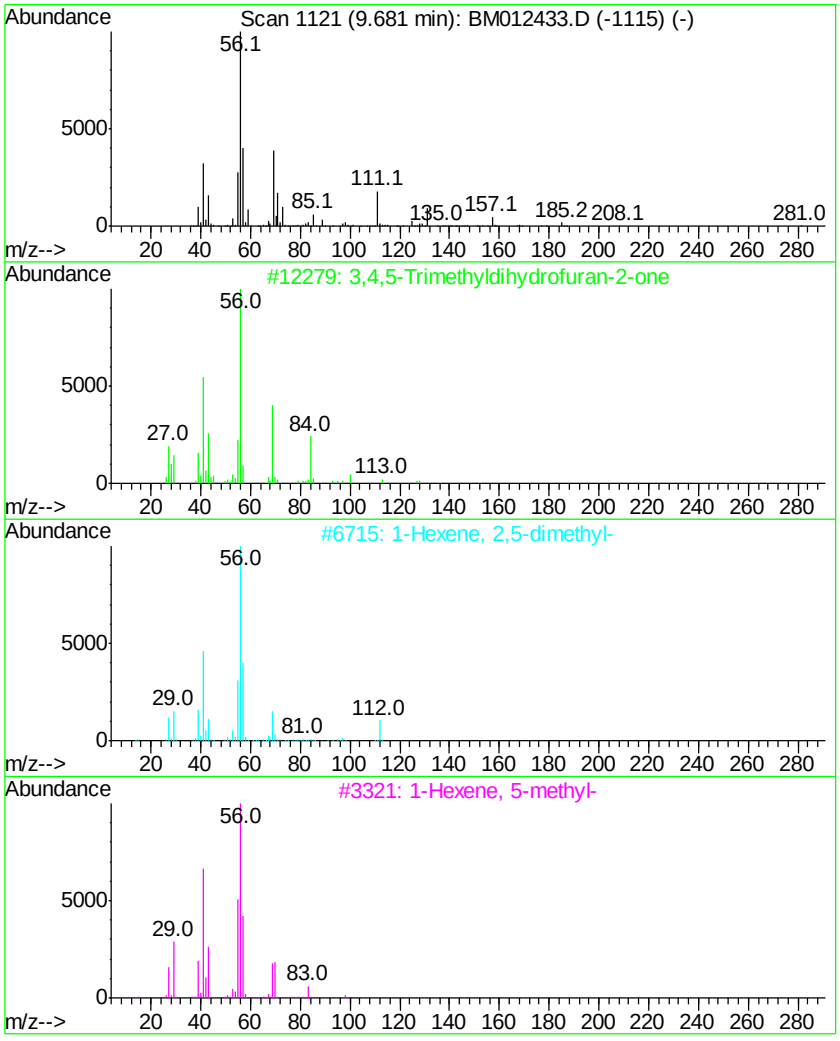
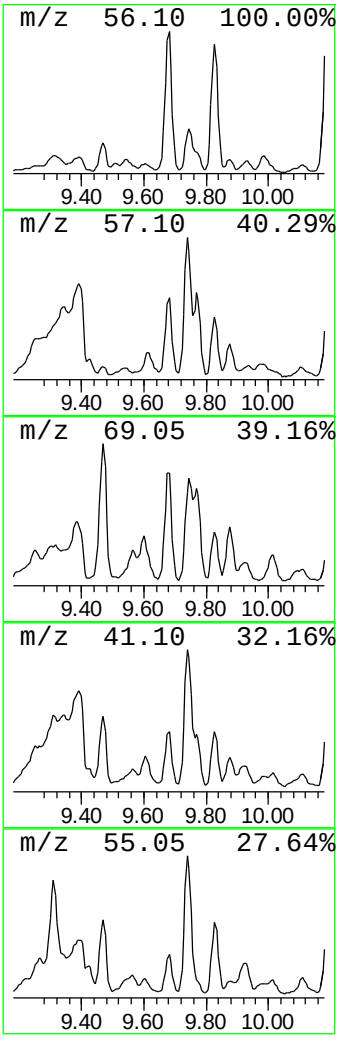
Peak Number 21 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	5.15 ng/ul	5235740	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	47
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	40
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38
4	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	37
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	36





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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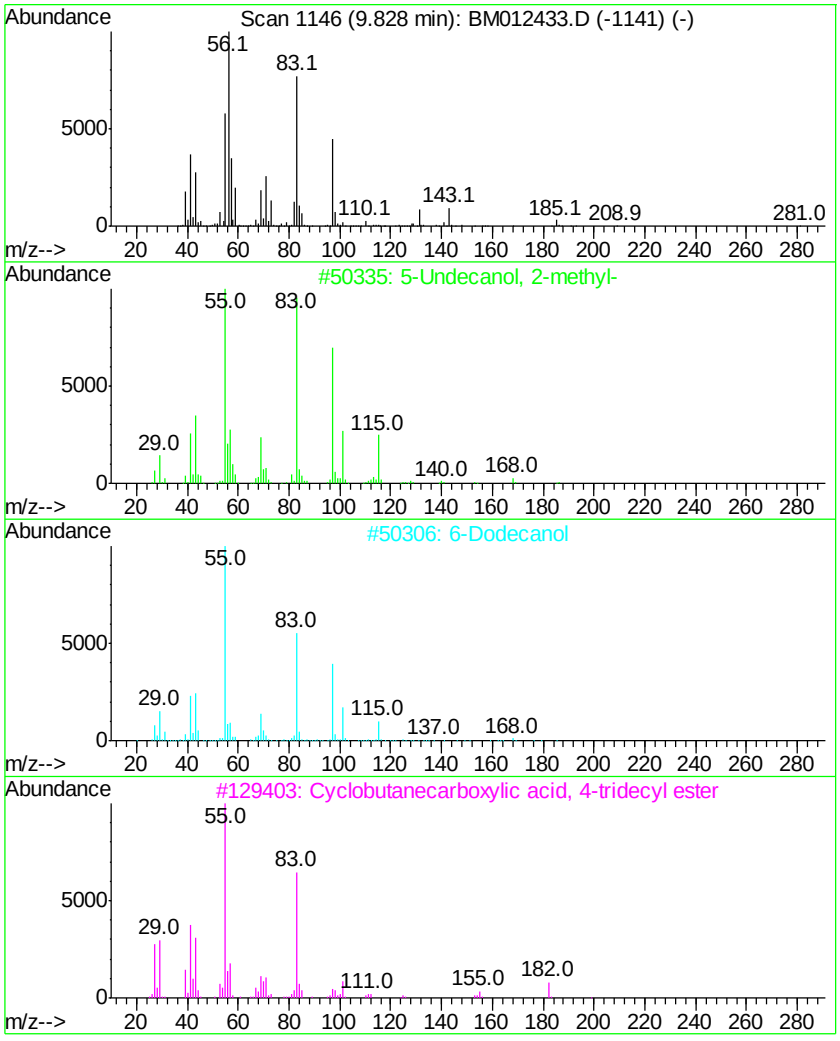
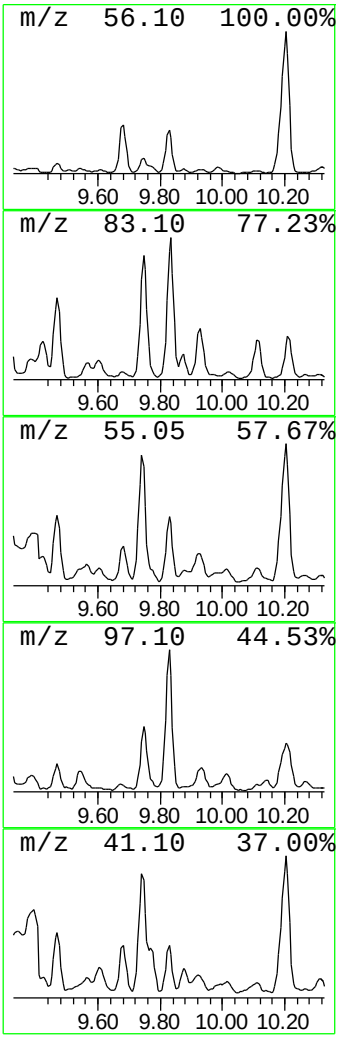
Peak Number 22 unknown-04 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.61 ng/ul	6715140	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecanol, 2-methyl-	186	C12H26O	033978-71-1	32
2	6-Dodecanol	186	C12H26O	006836-38-0	32
3	Cyclobutanecarboxylic acid, 4-tr...	282	C18H34O2	1000280-57-7	27
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	16
5	1-Docosene	308	C22H44	001599-67-3	16





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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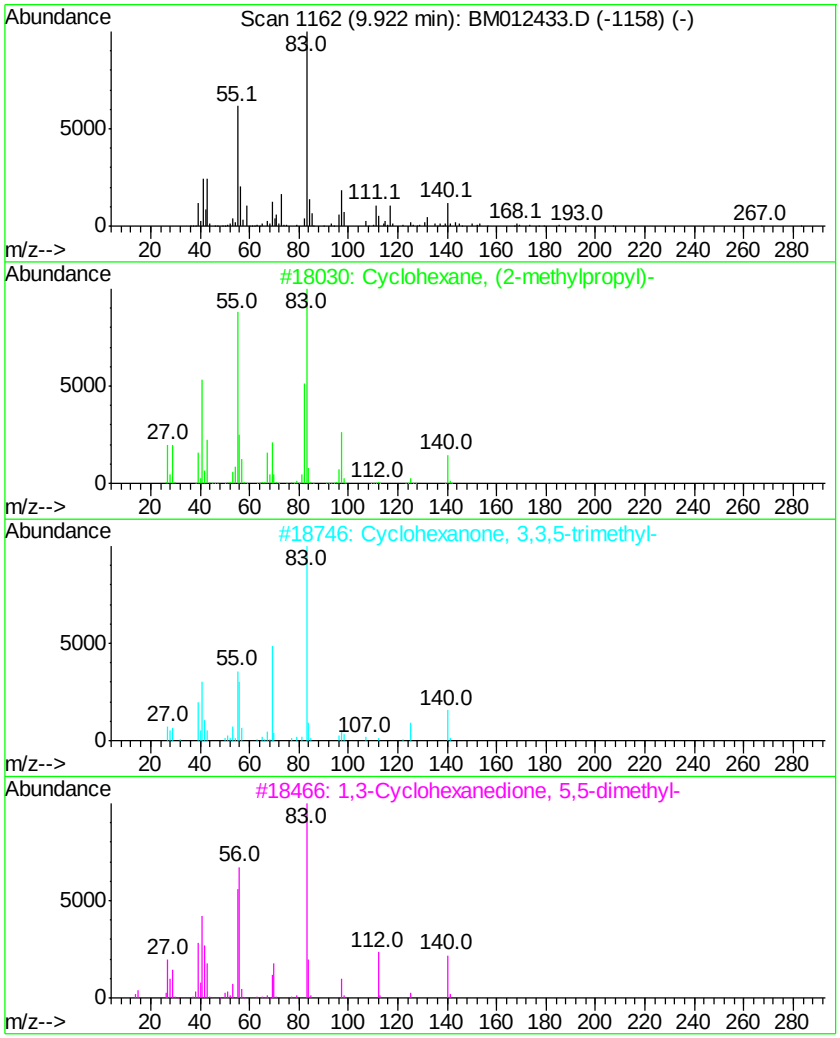
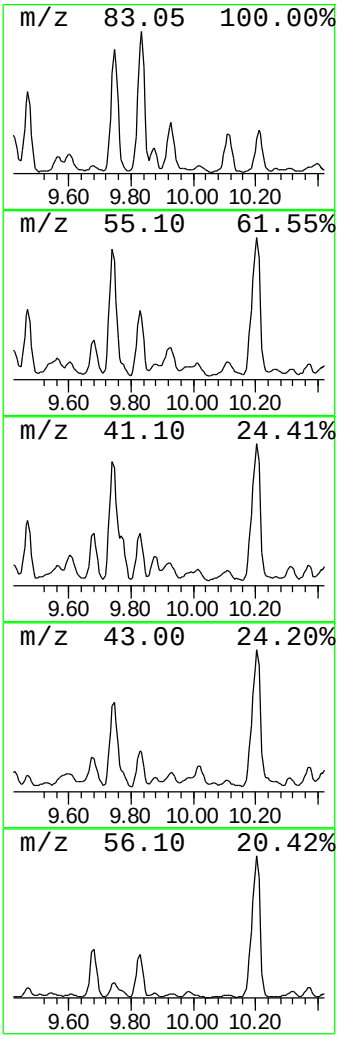
Peak Number 23 (DEL) Alkane: Cyclic9.92 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.71 ng/ul	2757130	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	52
3	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	47
4	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	47
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	43





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Operator : SJ/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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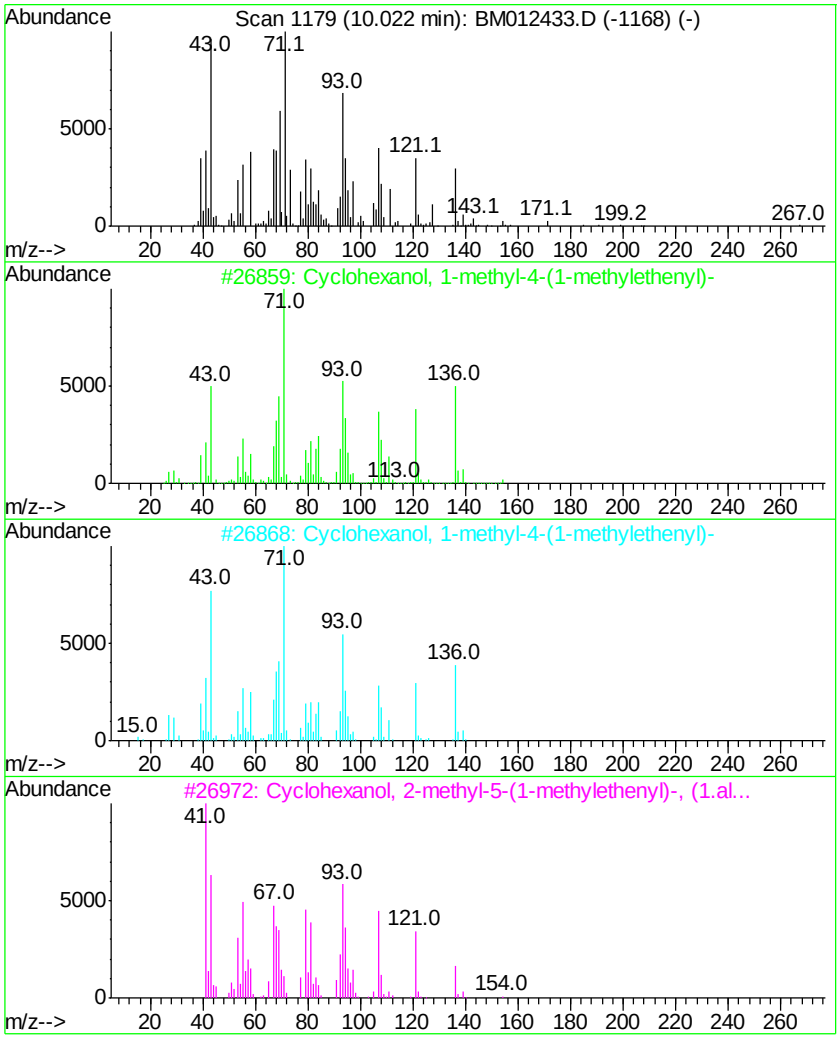
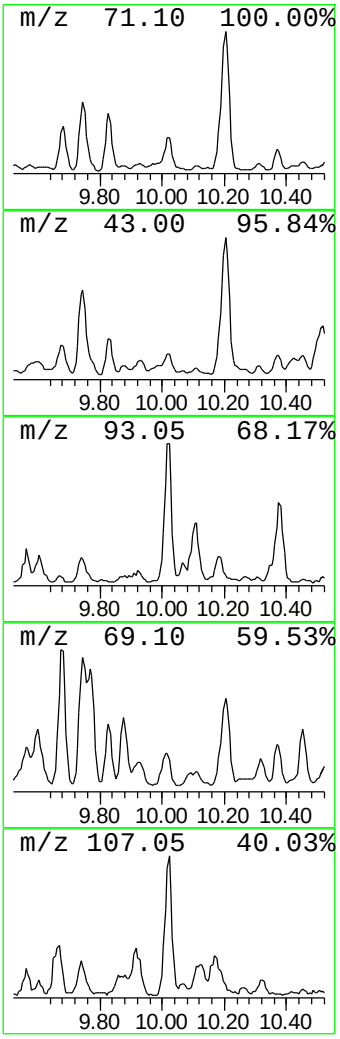
Peak Number 24 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.01 ng/ul	3057940	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	50
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	49
3	Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	018675-33-7	38
4	5-Methoxycyclooctanol	158	C9H18O2	344325-93-5	25
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	20





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Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

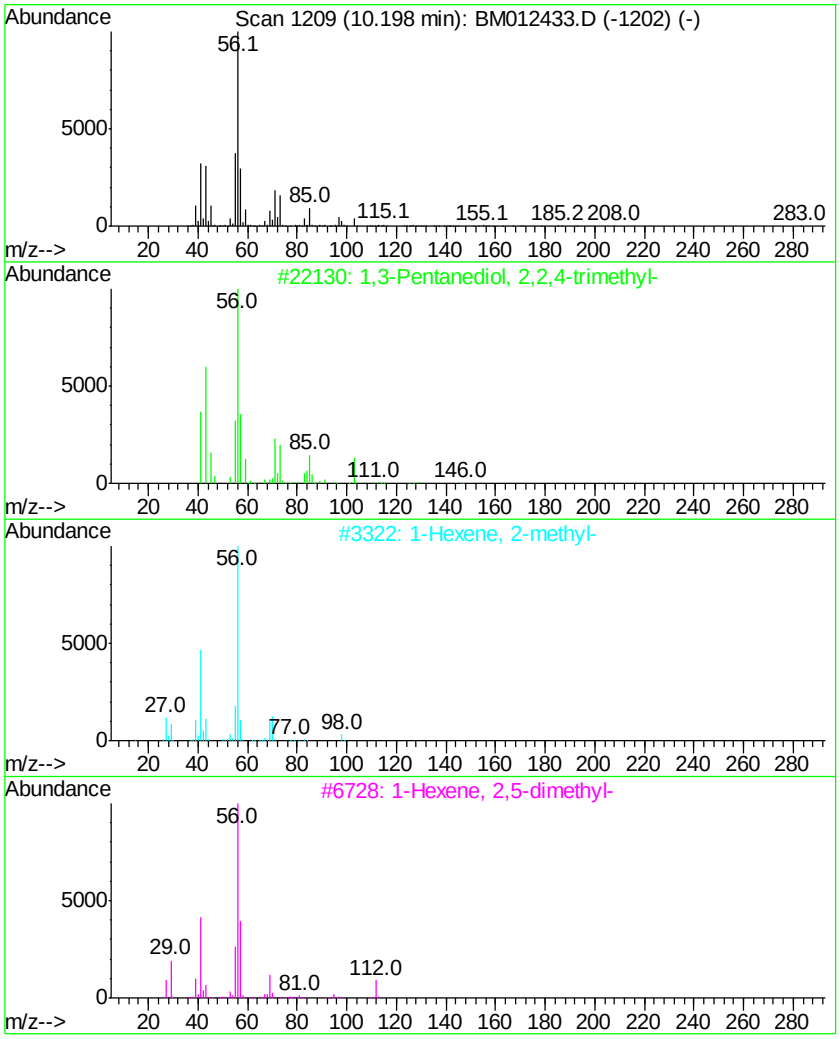
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

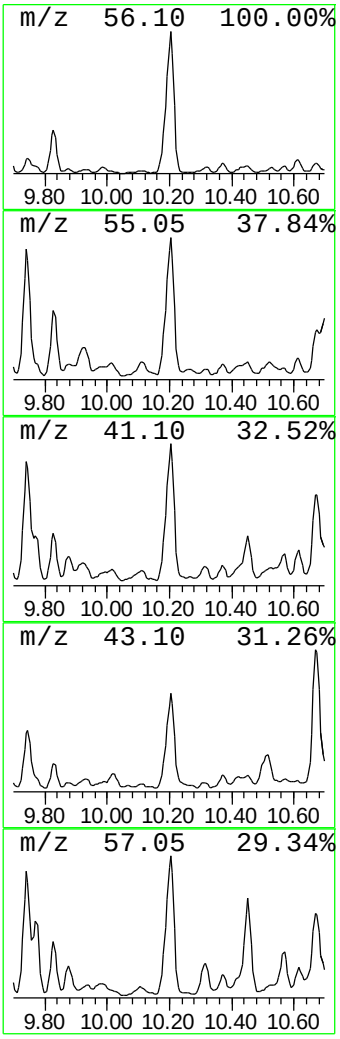
****

Peak Number 25 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	16.42 ng/ul	16682200	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	72
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	43
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
5	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	38





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Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

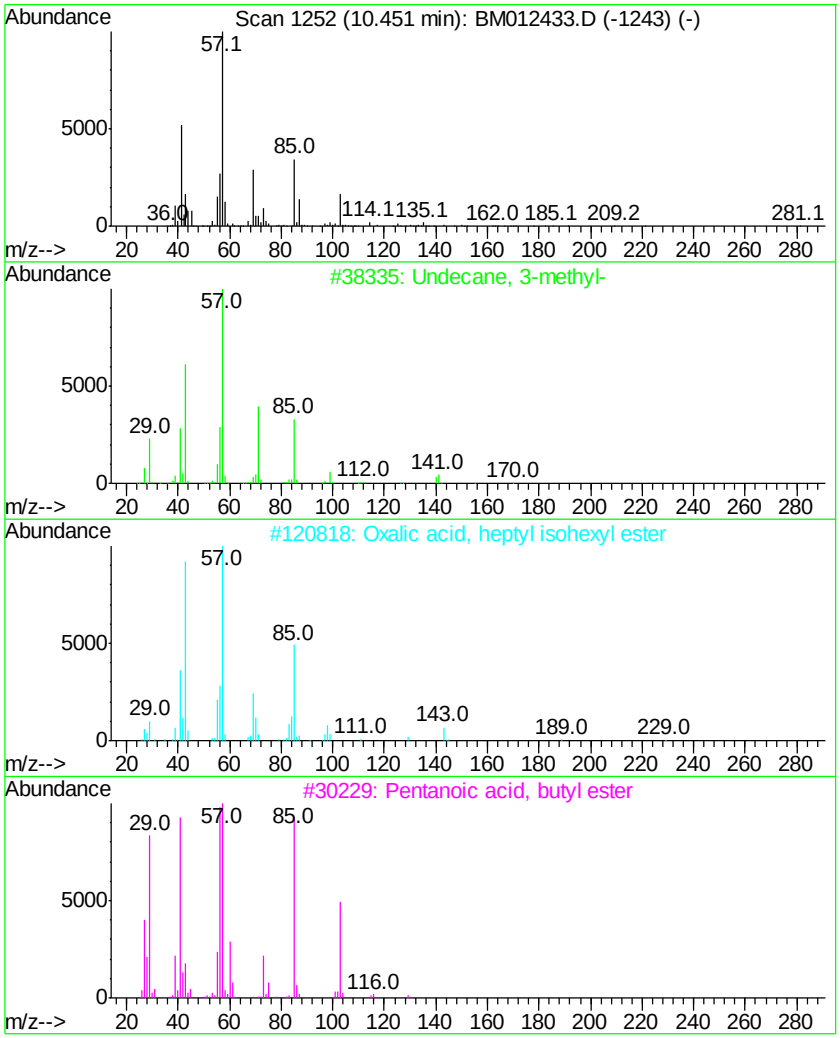
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

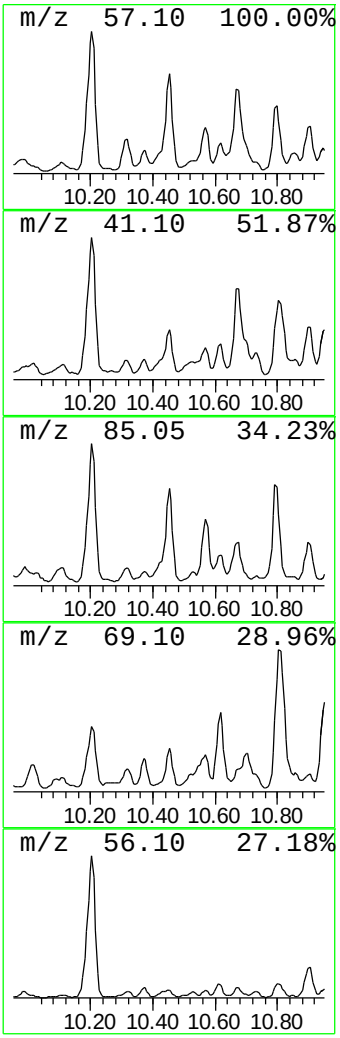
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.65 ng/ul	3703800	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	37
3	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	28
4	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	28
5	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	25





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

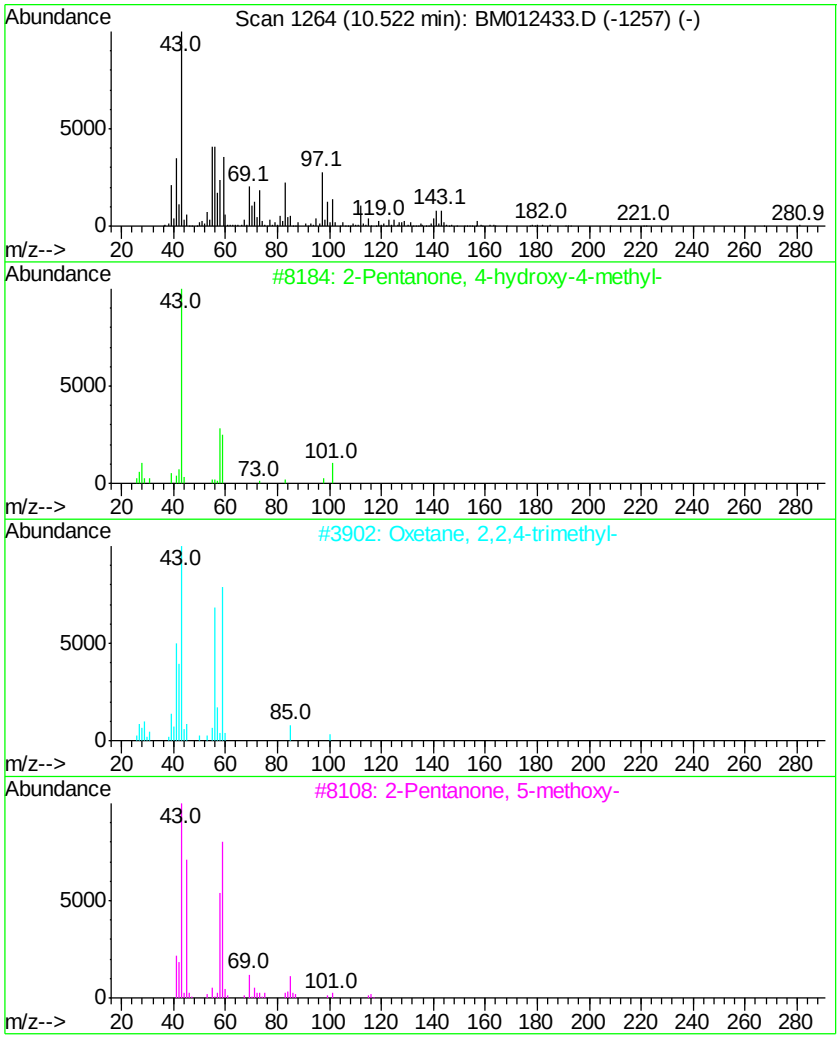
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

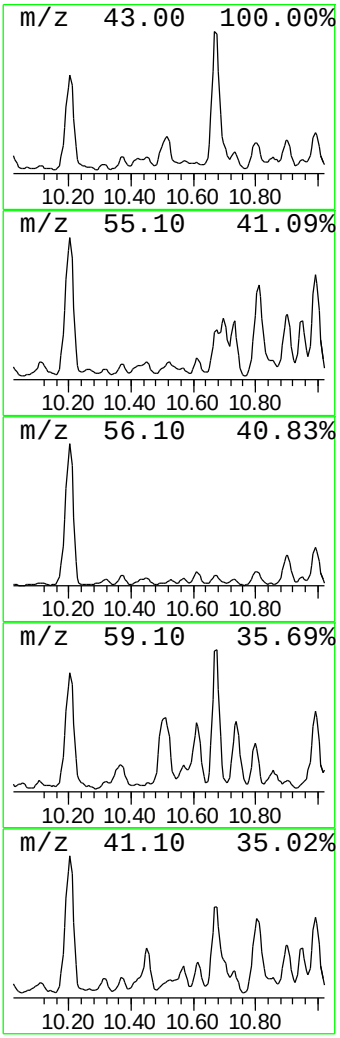
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.64 ng/ul	2686850	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	16
3	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	12
4	2-Butenoic acid, 2-(acetylamino)-	143	C6H9NO3	055649-71-3	12
5	1-Tridecene	182	C13H26	002437-56-1	10





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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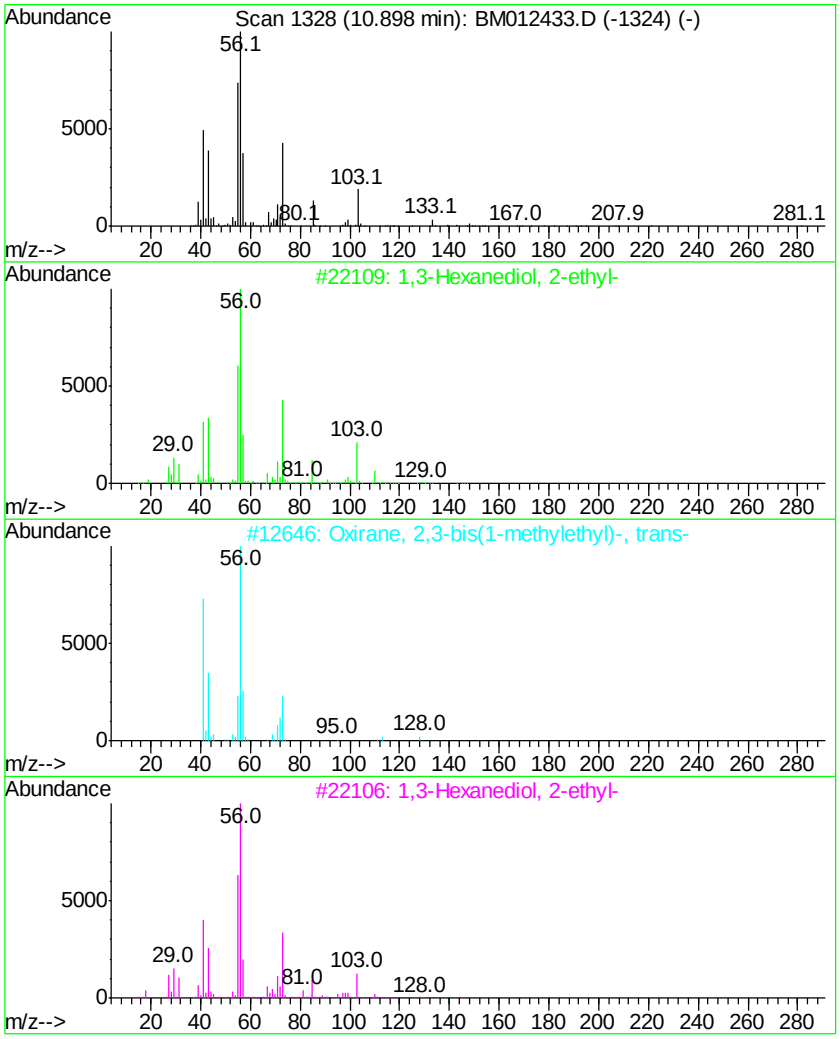
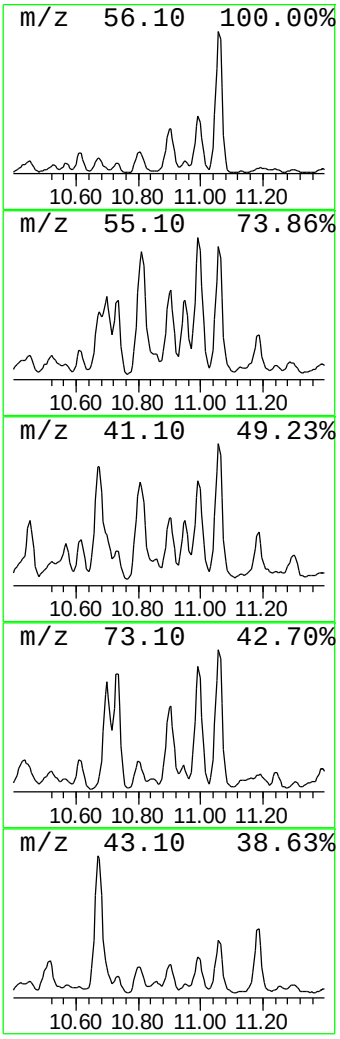
Peak Number 28 1,3-Hexanediol, 2-ethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.48 ng/ul	3539280	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	86
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	53
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	50
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	42





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Misc :
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Instrument : BNA_M
ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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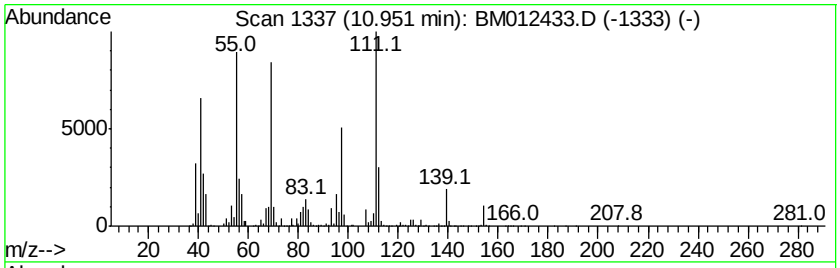
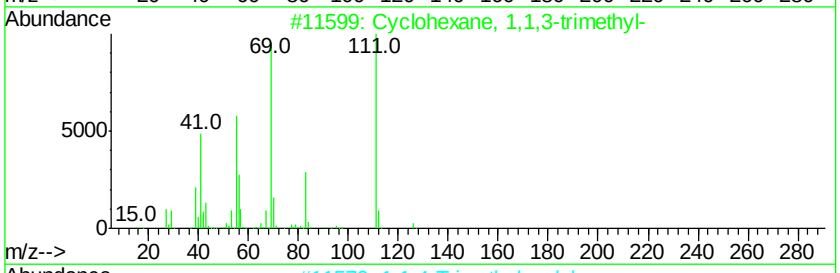
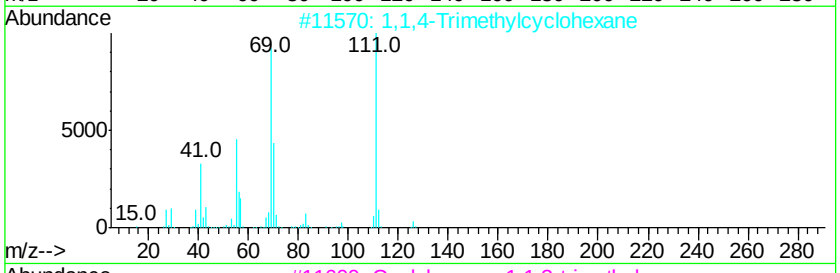
Peak Number 29 (DEL) Alkane: Cyclic10.95 Concentration Rank 56

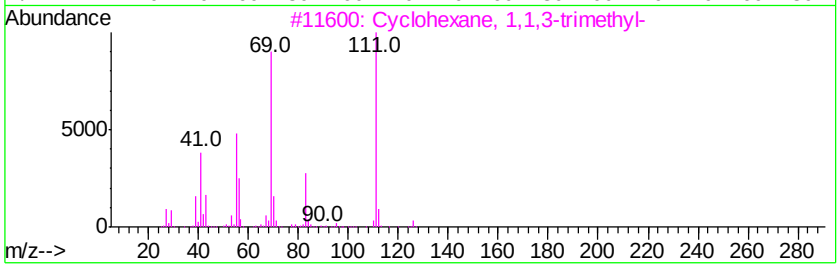
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.77 ng/ul	3828650	Naphthalene-d8	10.67

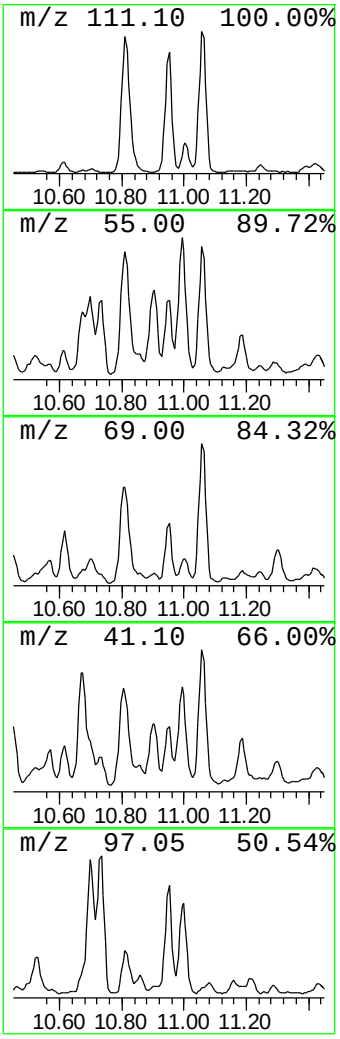
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	49
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	49
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
5	Cyclopentanecarboxamide, N-(2-fl...	207	C12H14FNO	1000308-60-7	43











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ClientSampleId : S1(1-3)

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Quant Title : SVOA CALIBRATION

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

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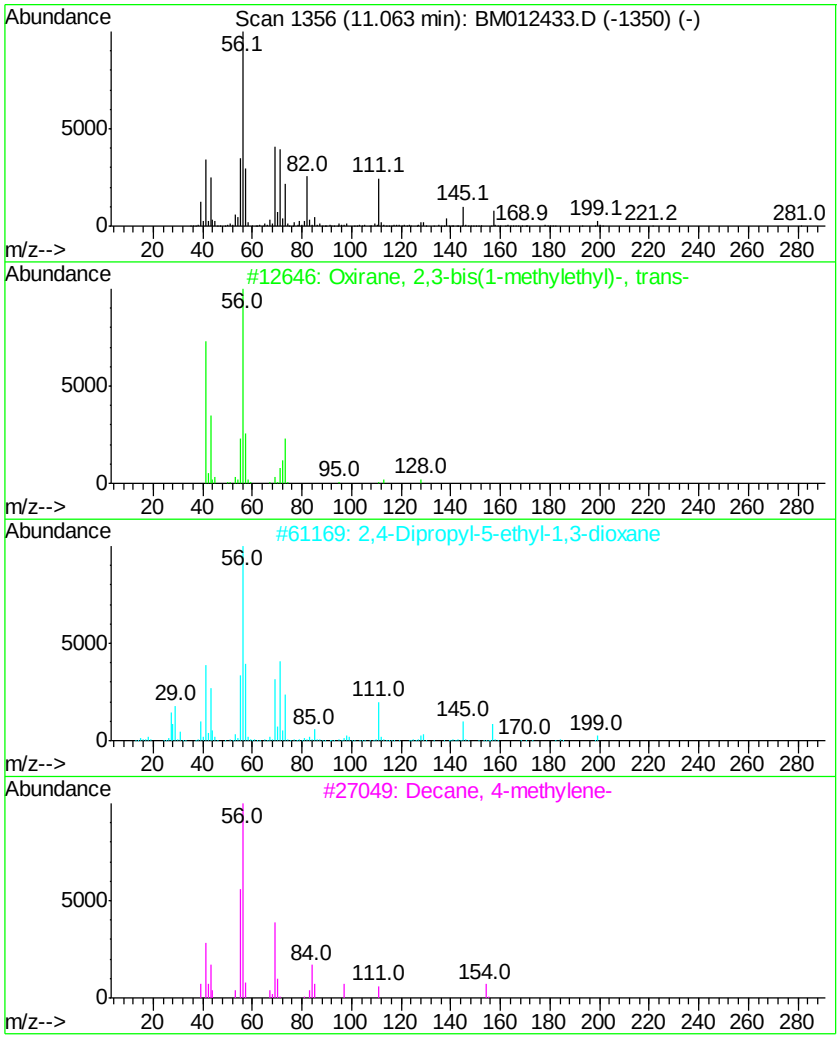
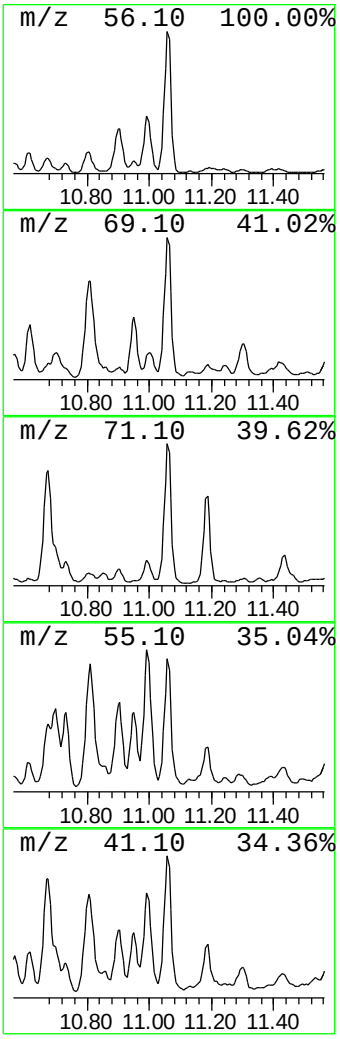
Peak Number 31 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	13.61 ng/ul	13825500	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
3	Decane, 4-methylene-	154	C11H22	024949-41-5	27
4	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	27
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	22





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Data File : BM012433.D
Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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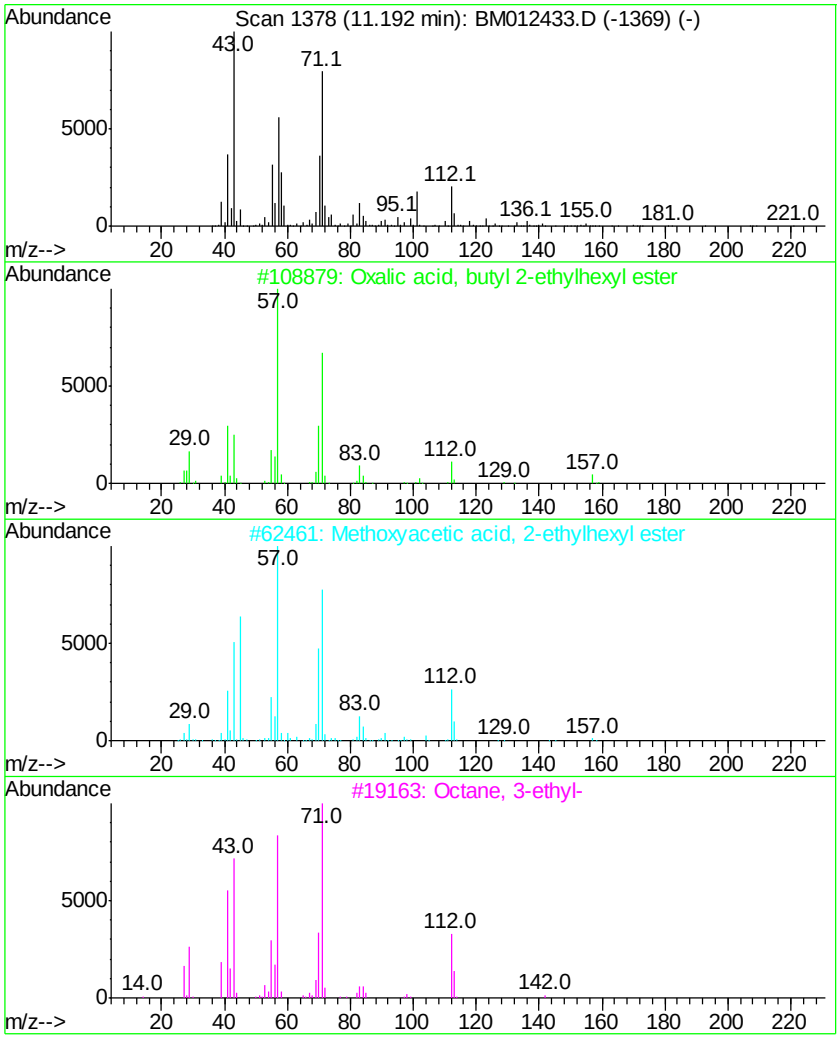
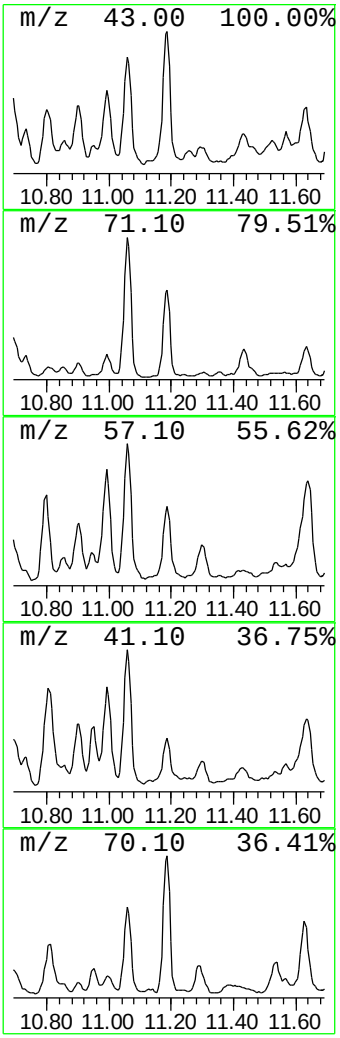
Peak Number 32 Oxalic acid, butyl 2-ethylh... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.70 ng/ul	5793020	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	59
2	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	53
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	53
4	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	50
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	50





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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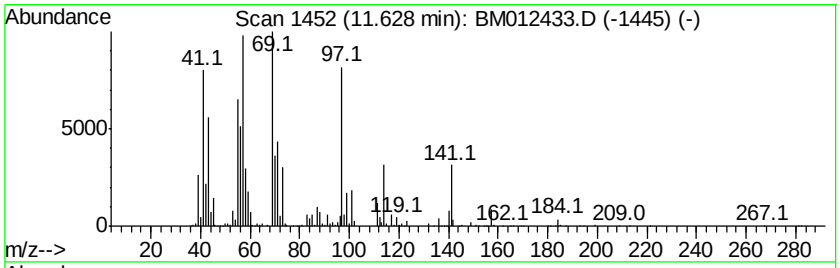
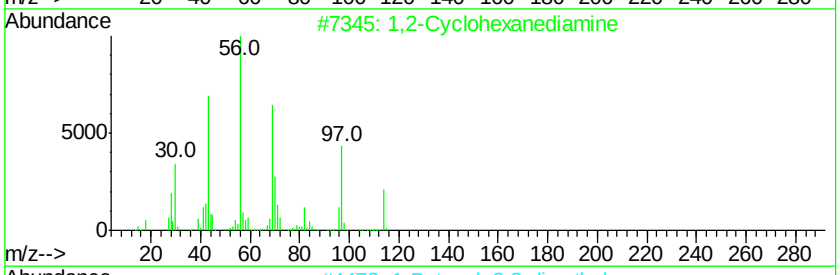
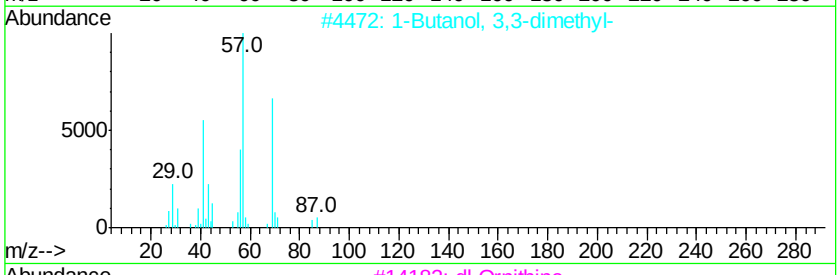
Peak Number 33 unknown-06 Concentration Rank 32

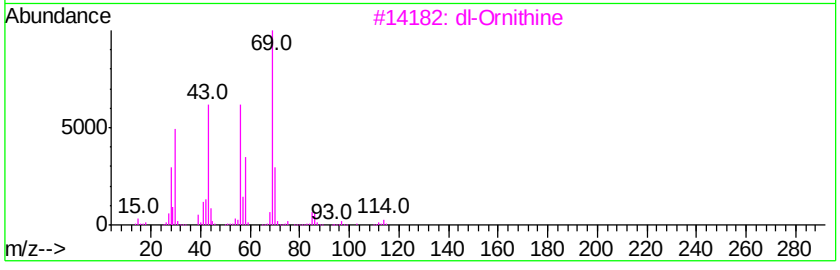
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	8.63 ng/ul	8769850	Naphthalene-d8	10.67

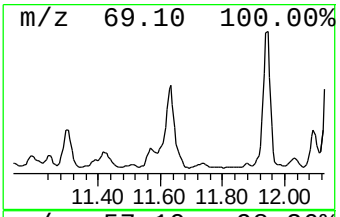
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	38
2	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	27
3	dl-Ornithine	132	C5H12N2O2	000616-07-9	27
4	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	27
5	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	27

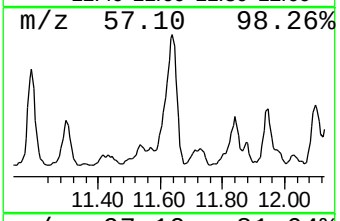


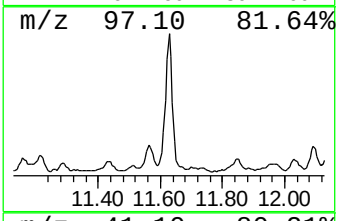


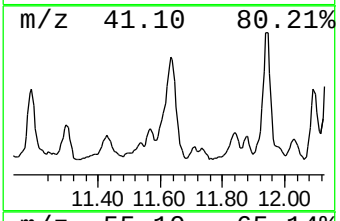


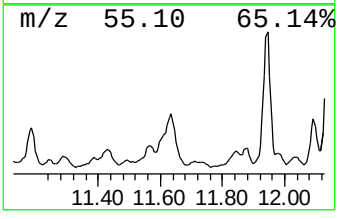












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Data File : BM012433.D
Acq On : 25 Oct 2017 00:50
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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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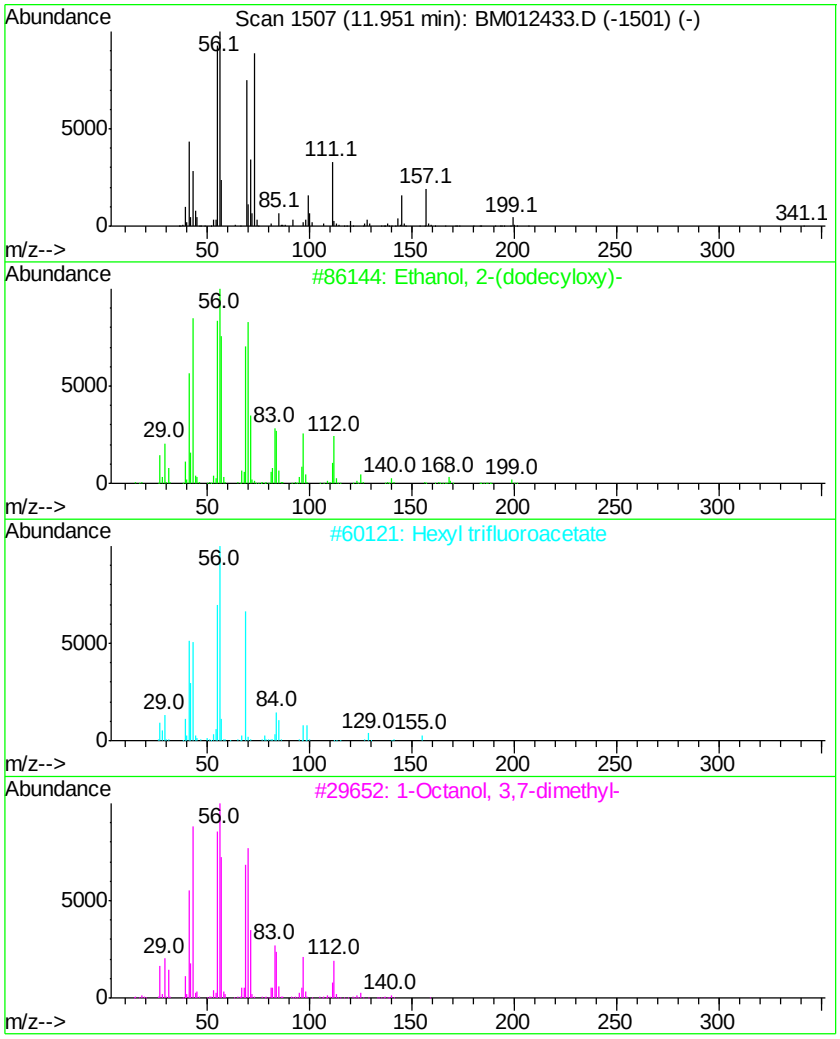
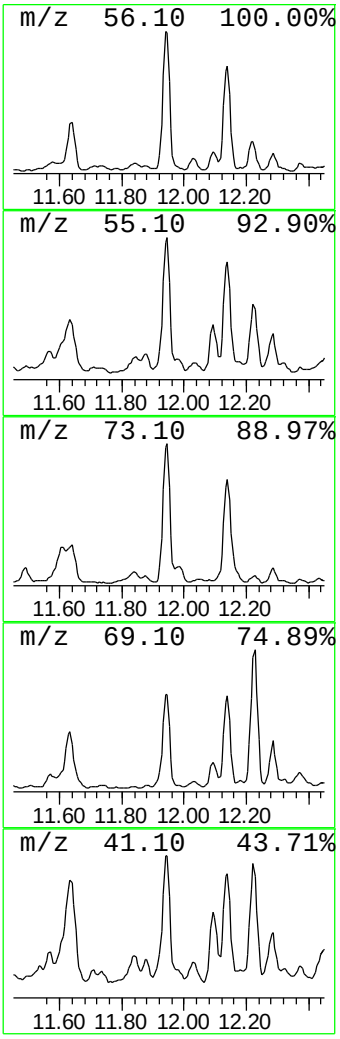
Peak Number 34 unknown-07 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.07 ng/ul	6161920	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	45
2	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	40
3	1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	38
4	2H-Azonin-2-one, octahydro-6-hyd...	157	C8H15NO2	023435-07-6	38
5	1-Octanol, 2,7-dimethyl-	158	C10H22O	015250-22-3	38





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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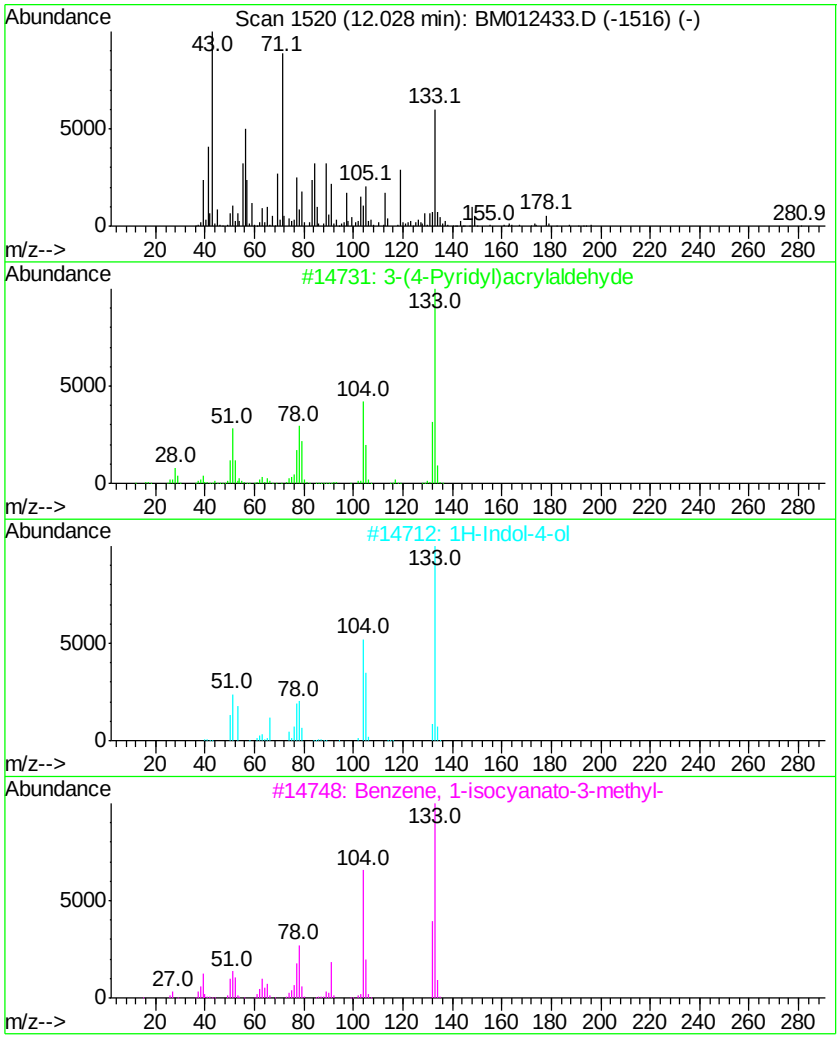
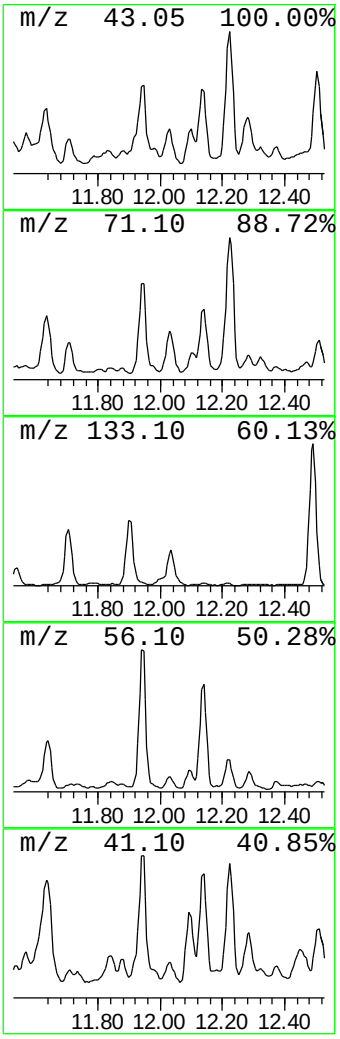
Peak Number 35 unknown-08 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.49 ng/ul	2533490	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(4-Pyridyl)acrylaldehyde	133	C8H7NO	026505-36-2	38
2	1H-Indol-4-ol	133	C8H7NO	002380-94-1	35
3	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	30
4	o-Methoxybenzonitrile	133	C8H7NO	006609-56-9	30
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	25





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Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

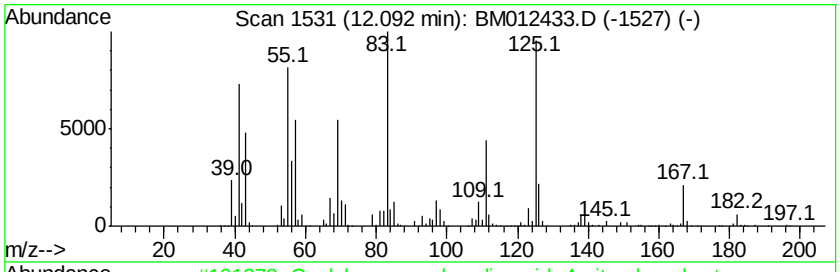
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

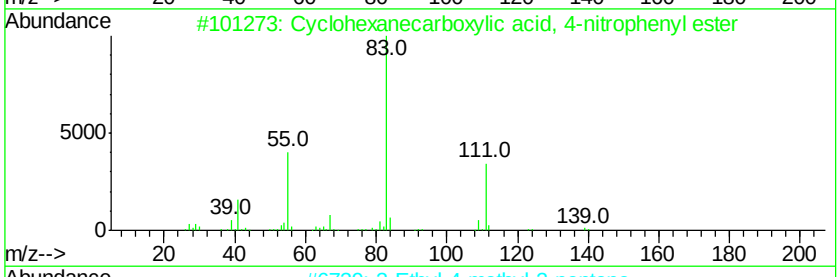
****

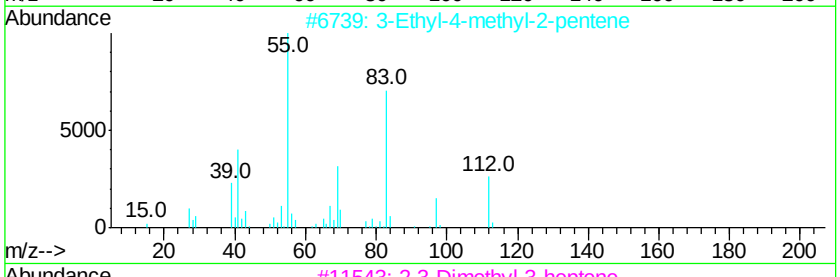
Peak Number 36 unknown-09 Concentration Rank 60

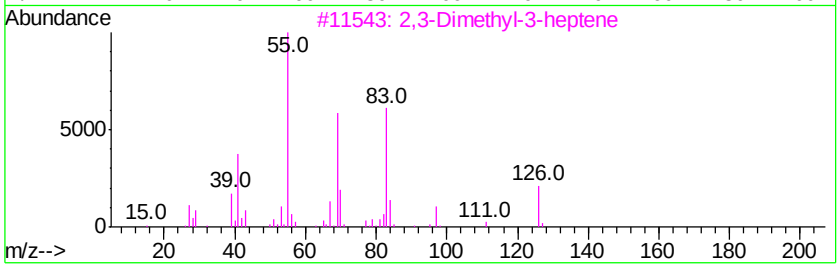
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.42 ng/ul	3476260	Naphthalene-d8	10.67

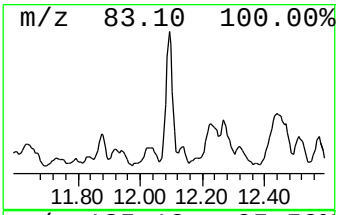
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-ni...	249	C13H15NO4	1000307-70-8	38
2	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	35
3	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	25
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	25
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	25

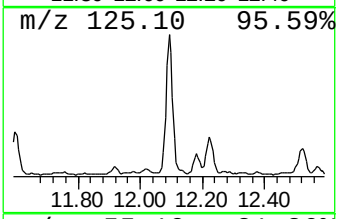


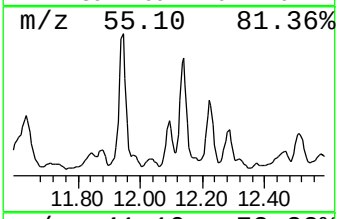


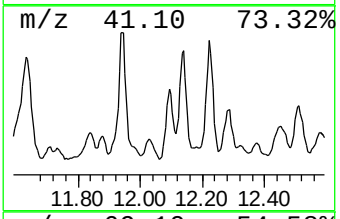


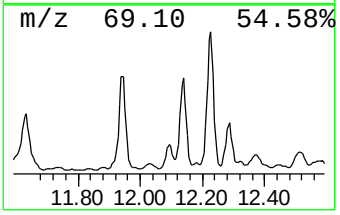












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Data File : BM012433.D
Acq On : 25 Oct 2017 00:50
Operator : SJ/JU
Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

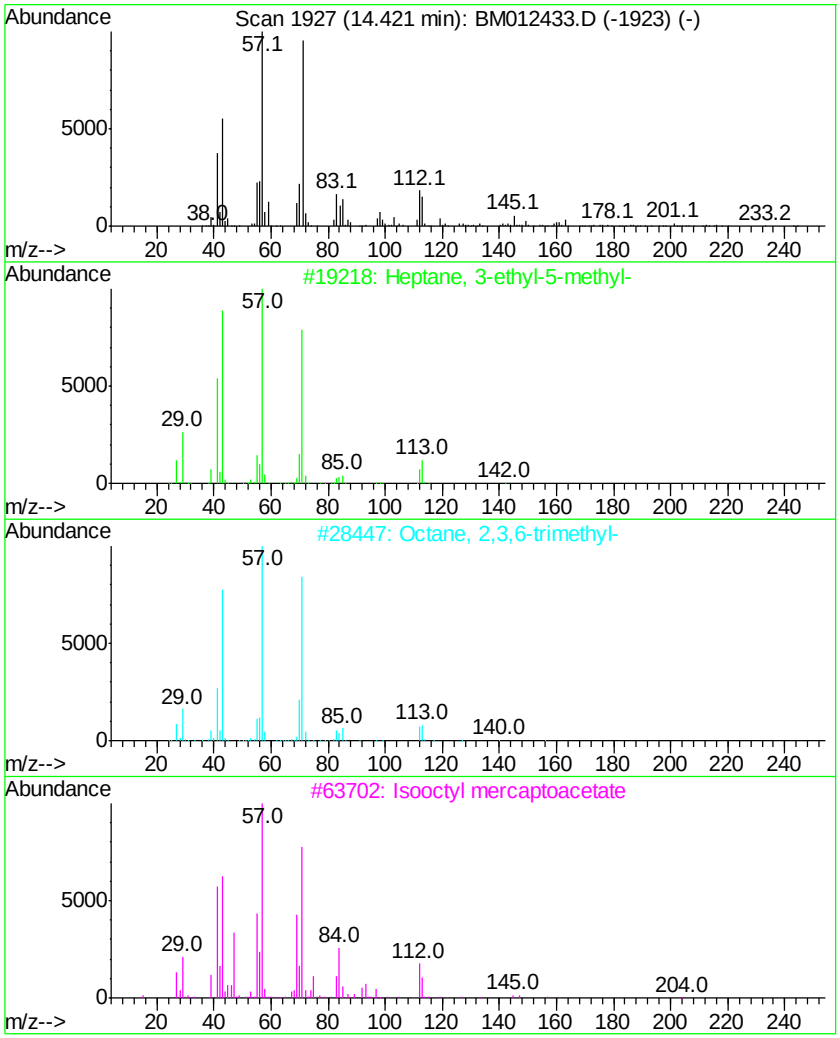
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

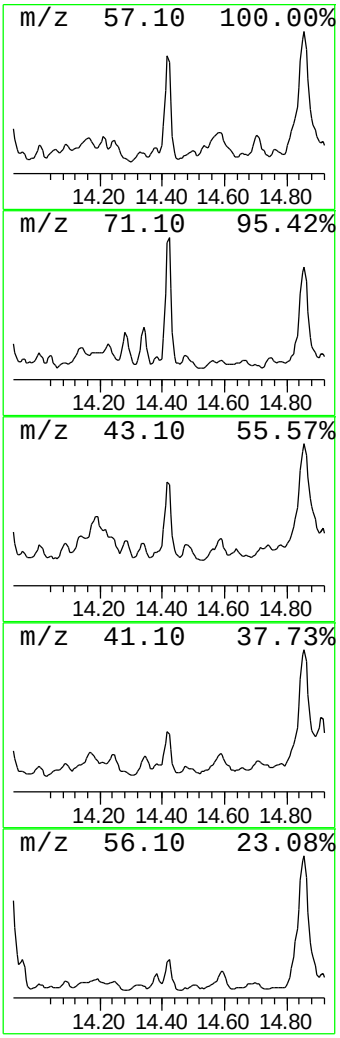
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	7.99 ng/ul	4225870	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	81
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	64





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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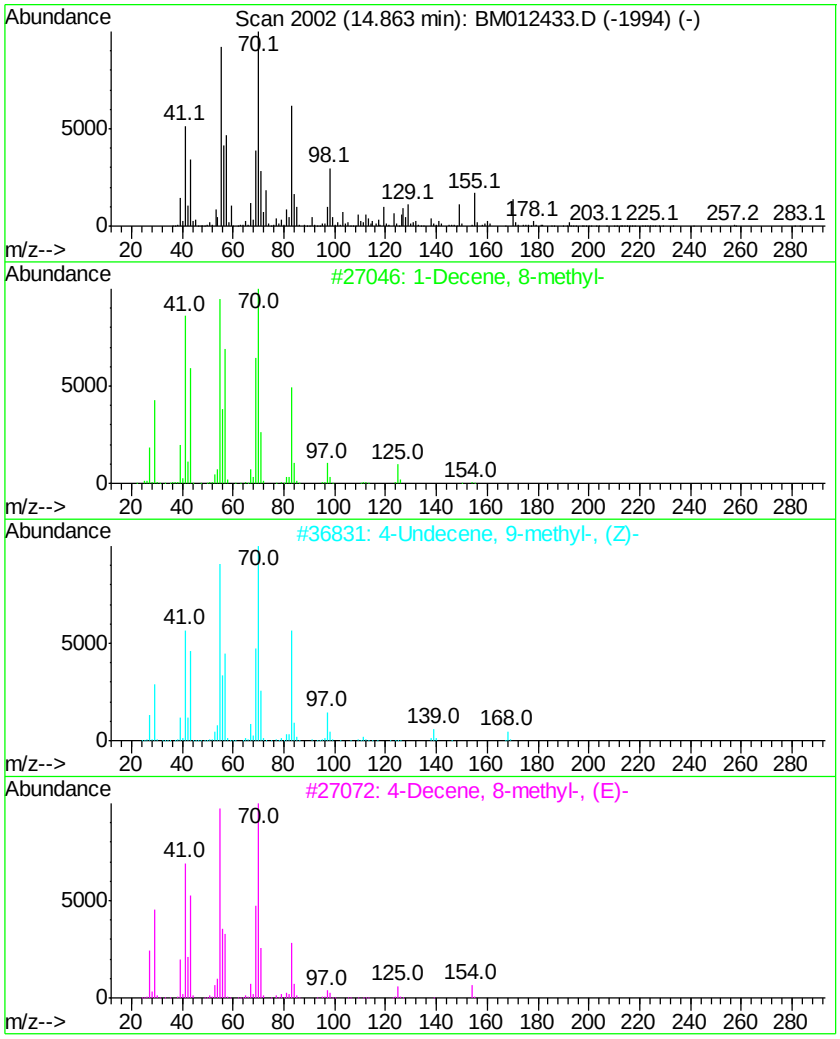
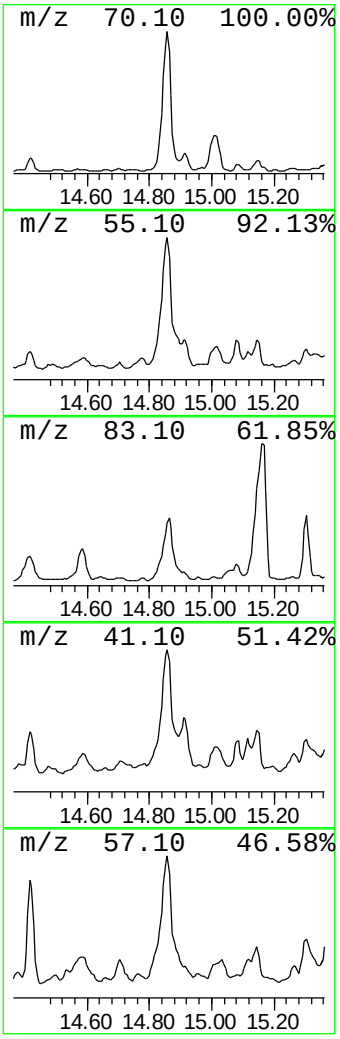
Peak Number 53 (DEL) Alkane: Cyclic14.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	36.31 ng/ul	19216100	Acenaphthene-d10	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 8-methyl-	154	C11H22	061142-79-8	58
2	4-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-56-1	53
3	4-Decene, 8-methyl-, (E)-	154	C11H22	062338-50-5	38
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	30
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	27





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Sample : I5882-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S1(1-3)

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

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

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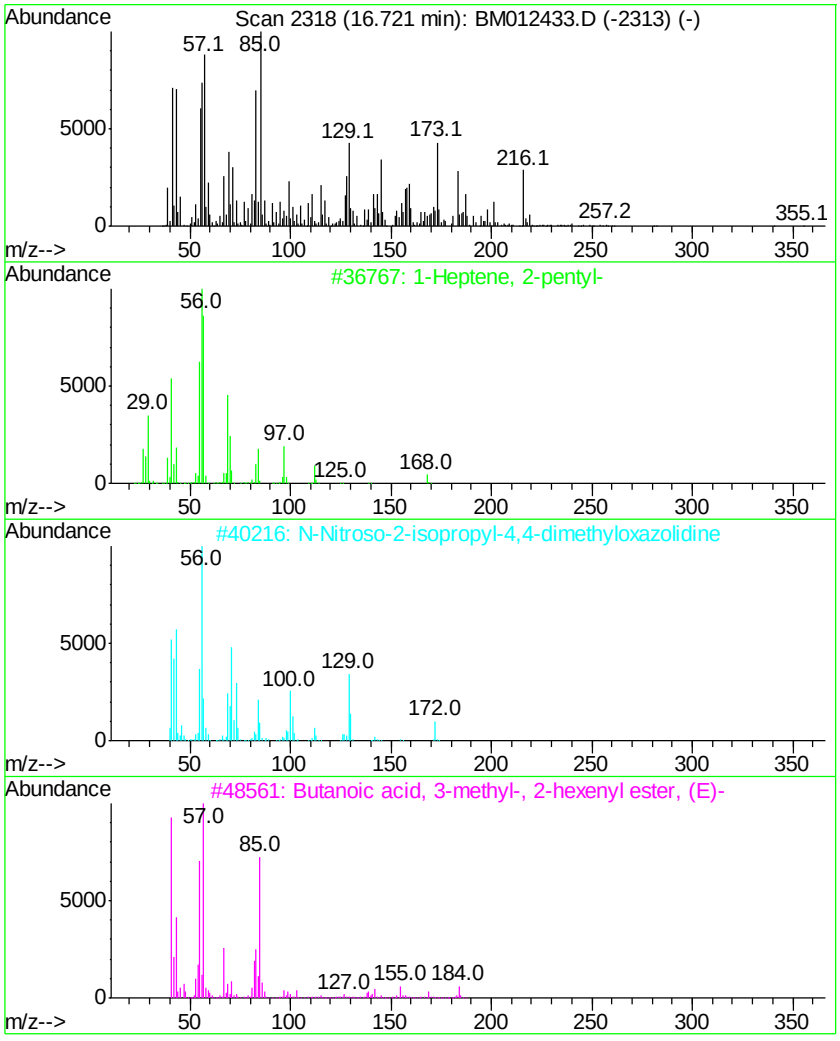
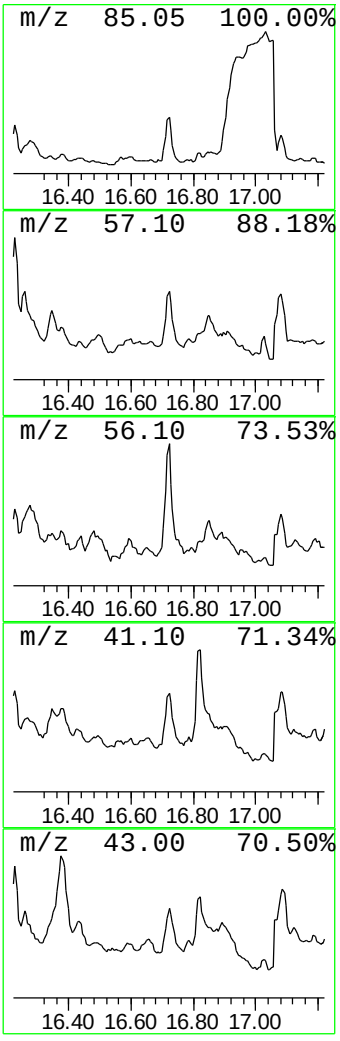
Peak Number 60 (DEL) Alkane: Cyclic16.72 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.15 ng/ul	3641940	Phenanthrene-d10	17.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	25
2	N-Nitroso-2-isopropyl-4,4-dimeth...	172	C8H16N2O2	039884-58-7	18
3	Butanoic acid, 3-methyl-, 2-hexe...	184	C11H20O2	1000131-82-8	15
4	Ethyl piperidine-4-carboxylate	157	C8H15NO2	001126-09-6	15
5	2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	15





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butanol, 2-ethyl-	5.01	13.5	ng/ul	4621590	1	7.88	6846800	20.0
Hexane, 1,1'-oxybis-	6.39	10.0	ng/ul	3417790	1	7.88	6846800	20.0
Benzene, 1-ethyl-...	6.97	7.7	ng/ul	2633030	1	7.88	6846800	20.0
Oxalic acid, cycl...	7.16	8.9	ng/ul	3047680	1	7.88	6846800	20.0
unknown-01	7.26	17.6	ng/ul	6032020	1	7.88	6846800	20.0
2-Heptanone, 4,6-...	7.32	57.8	ng/ul	19797000	1	7.88	6846800	20.0
Ethanol, 2-(2-eth...	7.49	34.2	ng/ul	11700100	1	7.88	6846800	20.0
Benzene, 1,2,3-tr...	7.53	11.9	ng/ul	4066820	1	7.88	6846800	20.0
1-Hexanol, 2-ethyl-	7.97	140.0	ng/ul	47922700	1	7.88	6846800	20.0
Benzene, 1-ethyl-...	8.00	11.3	ng/ul	3852290	1	7.88	6846800	20.0
Cyclohexanone, 3,...	8.33	165.0	ng/ul	56491900	1	7.88	6846800	20.0
(DEL) Alkane: Str...	8.36	18.4	ng/ul	6282470	1	7.88	6846800	20.0
o-Cymene	8.52	18.7	ng/ul	6408220	1	7.88	6846800	20.0
Benzene, 1-methyl...	8.69	10.7	ng/ul	3648470	1	7.88	6846800	20.0
p-Cymene	8.88	8.3	ng/ul	2857970	1	7.88	6846800	20.0
unknown-02	9.25	29.3	ng/ul	10035500	1	7.88	6846800	20.0
Phorone	9.31	19.2	ng/ul	19546800	2	10.67	20318400	20.0
(DEL) Alkane: Cyc...	9.47	4.9	ng/ul	4980910	2	10.67	20318400	20.0
unknown-03	9.68	5.2	ng/ul	5235740	2	10.67	20318400	20.0
unknown-04	9.83	6.6	ng/ul	6715140	2	10.67	20318400	20.0
(DEL) Alkane: Cyc...	9.92	2.7	ng/ul	2757130	2	10.67	20318400	20.0
Cyclohexanol, 1-m...	10.02	3.0	ng/ul	3057940	2	10.67	20318400	20.0
1,3-Pentanediol, ...	10.20	16.4	ng/ul	16682200	2	10.67	20318400	20.0
(DEL) Alkane: Str...	10.45	3.6	ng/ul	3703800	2	10.67	20318400	20.0
2-Pentanone, 4-hy...	10.52	2.6	ng/ul	2686850	2	10.67	20318400	20.0
1,3-Hexanediol, 2...	10.90	3.5	ng/ul	3539280	2	10.67	20318400	20.0
(DEL) Alkane: Cyc...	10.95	3.8	ng/ul	3828650	2	10.67	20318400	20.0
unknown-05	11.06	13.6	ng/ul	13825500	2	10.67	20318400	20.0
Oxalic acid, buty...	11.19	5.7	ng/ul	5793020	2	10.67	20318400	20.0
unknown-06	11.63	8.6	ng/ul	8769850	2	10.67	20318400	20.0
unknown-07	11.95	6.1	ng/ul	6161920	2	10.67	20318400	20.0
unknown-08	12.03	2.5	ng/ul	2533490	2	10.67	20318400	20.0
unknown-09	12.09	3.4	ng/ul	3476260	2	10.67	20318400	20.0
(DEL) Alkane: Str...	14.42	8.0	ng/ul	4225870	3	14.51	10583900	20.0
(DEL) Alkane: Cyc...	14.86	36.3	ng/ul	19216100	3	14.51	10583900	20.0
(DEL) Alkane: Cyc...	16.72	4.2	ng/ul	3641940	4	17.29	17541400	20.0