LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

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-BM101217.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	3.252	24	28	35	rVB3	19127	31629	1.06%	0.111%
2	3.763	111	115	122	rVB	70124	92720	3.12%	0.326%
3	5.446	395	401	416	rVB	115271	227111	7.63%	0.798%
4	5.751	448	453	459	rBV2	35128	54739	1.84%	0.192%
5	5.816	459	464	472	rVV	74045	120395	4.05%	0.423%
6	5.893	472	477	484	rVB5	19963	38833	1.31%	0.136%
7	6.075	500	508	515	rBV8	57006	163131	5.48%	0.573%
8	6.181	521	526	533	rVB4	29725	60640	2.04%	0.213%
9	6.304	538	547	551	rBV6	60076	172662	5.80%	0.607%
10	6.351	551	555	559	rVB	56204	72440	2.44%	0.255%
11	6.404	559	564	565	rBV3	32876	47916	1.61%	0.168%
12	6.440	565	570	572	rBV3	71924	120737	4.06%	0.424%
13	6.551	585	589	594	rVB3	37125	60256	2.03%	0.212%
14	6.616	594	600	606	rBV5	52895	93647	3.15%	0.329%
15	6.675	606	610	611	rBV2	44888	54733	1.84%	0.192%
16	6.793	620	630	635	rBV5	69652	153816	5.17%	0.541%
17	6.893	643	647	651	rBV4	59310	94834	3.19%	0.333%
18	6.945	651	656	661	rVV3	143859	300307	10.10%	1.055%
19	6.993	661	664	669	rVB	69292	106267	3.57%	0.373%
20	7.087	675	680	682	rBV3	30854	46655	1.57%	0.164%
21	7.145	682	690	694	rVV4	72335	199348	6.70%	0.701%
22	7.187	694	697	701	rVB4	60494	92542	3.11%	0.325%
23	7.287	710	714	719	rBV2	78609	111851	3.76%	0.393%
24	7.357	721	726	734	rVB2	149935	256326	8.62%	0.901%
25	7.457	739	743	749	rBV2	74268	128540	4.32%	0.452%
26	7.516	749	753	759	rVB2	80882	143298	4.82%	0.504%
27	7.628	765	772	778	rVB8	40522	89661	3.01%	0.315%
28	7.728	778	789	792	rBV8	62148	181508	6.10%	0.638%
29	7.775	794	797	799	rVV2	47527	55016	1.85%	0.193%
30	7.822	799	805	811	rVB	775269	1243799	41.81%	4.371%
31	7.928	818	823	828	rBV3	70391	146775	4.93%	0.516%
32	7.987	828	833	837	rVV4	88093	147932	4.97%	0.520%
33	8.028	837	840	846	rVV3	65905	124641	4.19%	0.438%
34	8.087	846	850	858	rVB2	126053	216042	7.26%	0.759%

LSC Area Percent Report

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Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

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-BM101217.M
Title : SVOA CALIBRATION

35	8.234	871	875	881	rVB6	27369	58040	1.95%	0.204%
36	8.304	882	887	889	rBV2	57152	86392	2.90%	0.304%
37	8.463	907	914	918	rBV6	66774	167798	5.64%	0.590%
38	8.540	923	927	935	rVB	88578	162625	5.47%	0.572%
39	8.639	939	944	949	rBV2	138035	243964	8.20%	0.857%
40	8.787	961	969	970	rBV4	17962	40386	1.36%	0.142%
41	8.822	972	975	979	rVB5	24152	39329	1.32%	0.138%
42	8.916	979	991	997	rBV2	304318	599059	20.14%	2.105%
43	8.998	998	1005	1014	rVV6	208386	476309	16.01%	1.674%
44	9.063	1014	1016	1021	rVB3	30037	38798	1.30%	0.136%
45	9.116	1021	1025	1028	rBV3	48348	86577	2.91%	0.304%
46	9.157	1028	1032	1041	rVB8	71542	183291	6.16%	0.644%
47	9.263	1041	1050	1058	rBV6	47591	107748	3.62%	0.379%
48	9.392	1061	1072	1075	rBV10	24489	68268	2.29%	0.240%
49	9.439	1075	1080	1086	rBV	188540	302398	10.17%	1.063%
50	9.528	1093	1095	1106	rVB5	56859	115521	3.88%	0.406%
51	9.716	1115	1127	1134	rBV9	97723	284958	9.58%	1.001%
52	9.792	1134	1140	1149	rVV7	68586	209707	7.05%	0.737%
53	9.863	1149	1152	1160	rVB4	26331	58470	1.97%	0.205%
54	10.016	1171	1178	1185	rBV2	244854	448737	15.08%	1.577%
55	10.086	1186	1190	1196	rVB7	26194	46079	1.55%	0.162%
56	10.192	1200	1208	1213	rBV5	28176	65229	2.19%	0.229%
57	10.257	1213	1219	1225	rVV	102732	210235	7.07%	0.739%
58	10.316	1225	1229	1238	rVB2	50352	112164	3.77%	0.394%
59	10.492	1251	1259	1264	rBV8	17555	40170	1.35%	0.141%
60	10.622	1268	1281	1294	rBV	1109469	2129008	71.57%	7.482%
61	10.728	1294	1299	1304	rBV2	26873	49908	1.68%	0.175%
62	10.828	1312	1316	1324	rVB2	40846	79010	2.66%	0.278%
63	11.628	1446	1452	1457	rBV5	20511	37540	1.26%	0.132%
64	12.510	1597	1602	1611	rVB2	25977	46815	1.57%	0.165%
65	13.792	1815	1820	1825	rBV4	19222	34752	1.17%	0.122%
66	13.880	1825	1835	1839	rVV	231803	368611	12.39%	1.295%
67	13.927	1839	1843	1849	rVB	121633	181975	6.12%	0.640%
68	14.169	1878	1884	1896	rBV	250498	441384	14.84%	1.551%
69	14.345	1908	1914	1922	rVB6	19833	48324	1.62%	0.170%
70	14.474	1929	1936	1943	rBV2	1466095	2304815	77.48%	8.100%
71	14.533	1943	1946	1955	rVB4	19098	39756	1.34%	0.140%

LSC Area Percent Report

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Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

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-BM101217.M
Title : SVOA CALIBRATION

72	15.468	2098	2105	2110	rBV	316211	486617	16.36%	1.710%
73	15.616	2126	2130	2135	rBV3	29583	47336	1.59%	0.166%
74	16.957	2353	2358	2364	rBV7	18288	41456	1.39%	0.146%
75	17.221	2396	2403	2407	rBV2	1734983	2532941	85.15%	8.902%
76	17.262	2407	2410	2415	rVB	159186	207306	6.97%	0.729%
77	17.315	2415	2419	2424	rBV	297737	460889	15.49%	1.620%
78	18.098	2547	2552	2556	rBV	117352	189599	6.37%	0.666%
79	18.145	2556	2560	2568	rVV3	52124	106895	3.59%	0.376%
80	18.221	2570	2573	2578	rVV5	34995	59537	2.00%	0.209%
81	18.286	2581	2584	2588	rVV3	54157	107234	3.60%	0.377%
82	18.327	2588	2591	2598	rVB3	57715	86034	2.89%	0.302%
83	18.492	2615	2619	2625	rBV3	164614	260103	8.74%	0.914%
84	18.551	2627	2629	2633	rVB3	40278	51418	1.73%	0.181%
85	18.680	2647	2651	2657	rVB2	174227	228530	7.68%	0.803%
86	18.827	2672	2676	2683	rVB3	137272	199064	6.69%	0.700%
87	19.274	2748	2752	2757	rBV	378632	530615	17.84%	1.865%
88	19.321	2757	2760	2765	rVB	168169	205376	6.90%	0.722%
89	19.374	2766	2769	2776	rBV2	113079	164844	5.54%	0.579%
90	19.615	2805	2810	2812	rBV	422323	640941	21.55%	2.253%
91	19.639	2812	2814	2821	rVB	419867	562168	18.90%	1.976%
92	20.051	2880	2884	2888	rBV	309521	369674	12.43%	1.299%
93	21.397	3108	3113	3117	rBV	2180243	2974738	100.00%	10.454%
94	23.715	3502	3507	3517	rVB	1418085	2676256	89.97%	9.405%

Sum of corrected areas: 28454468

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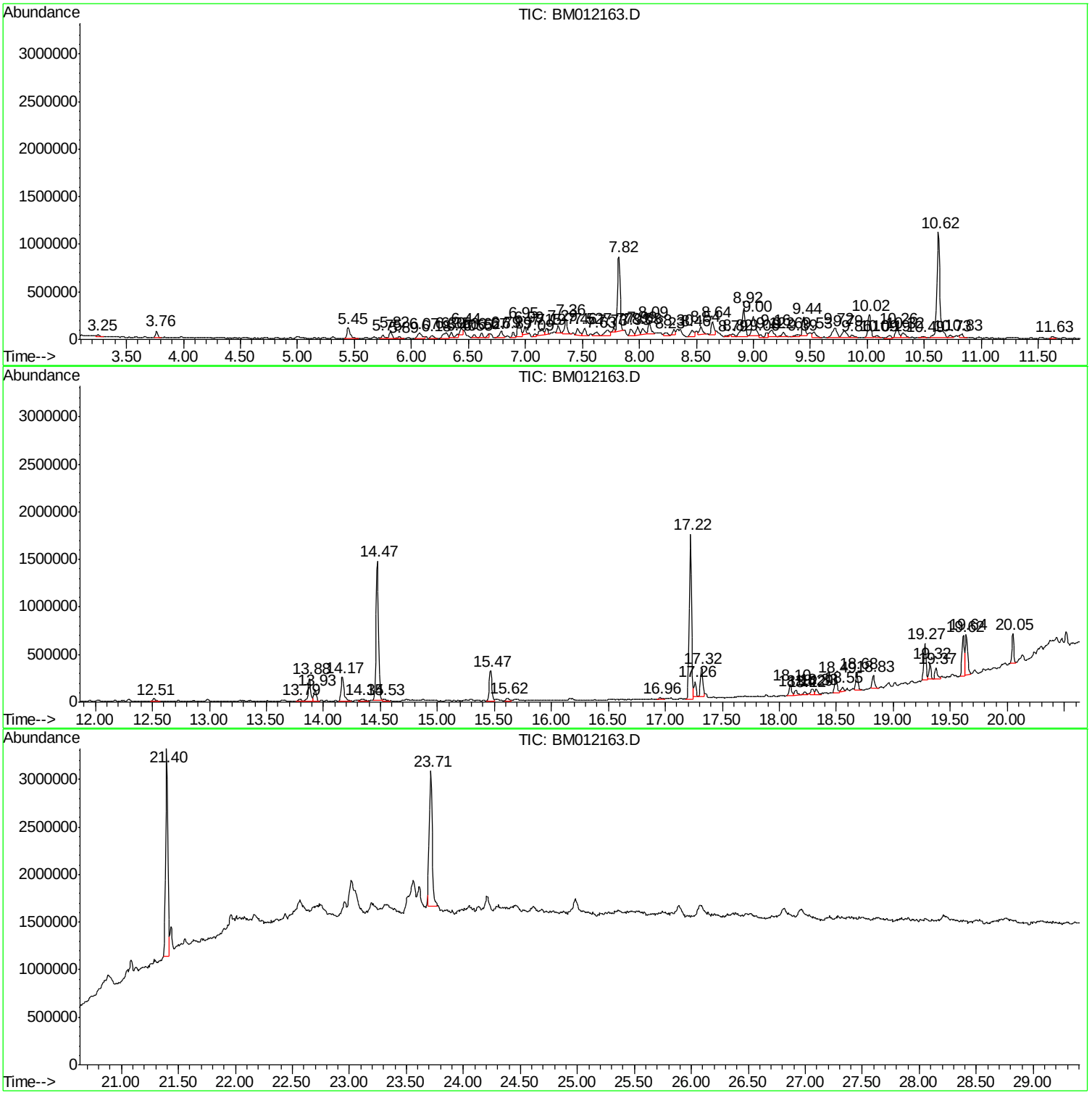
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

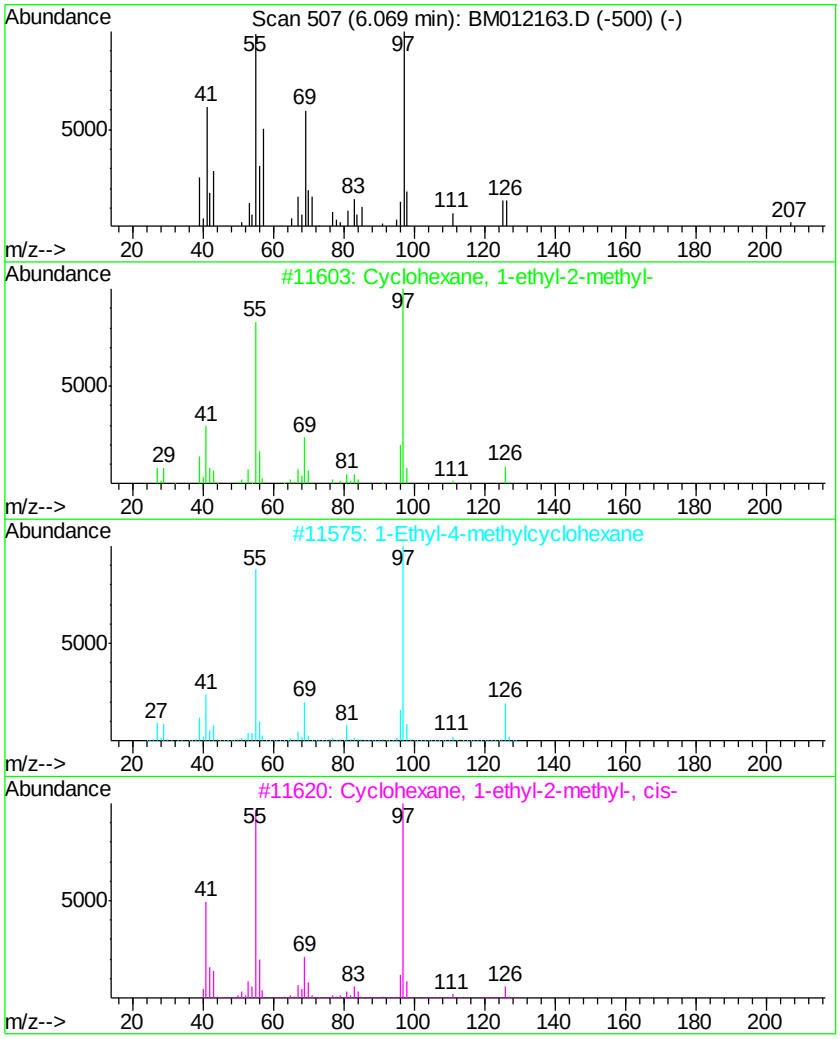
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

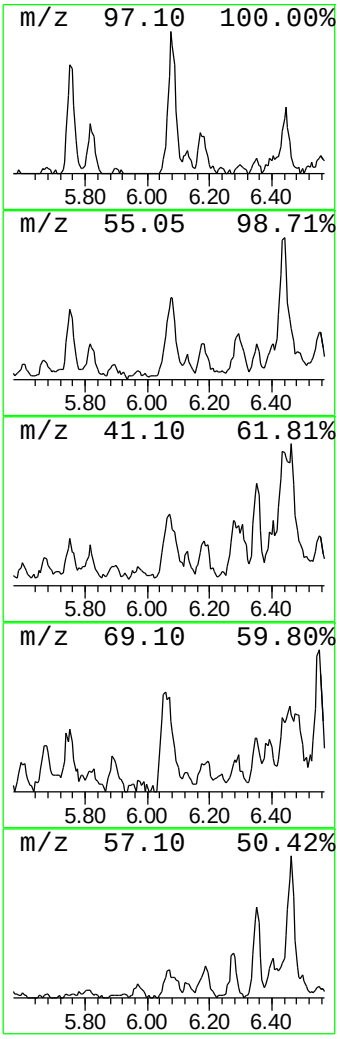
****

Peak Number 2 (DEL) Alkane: Cyclic6.07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	2.62 ng/ul	163131	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

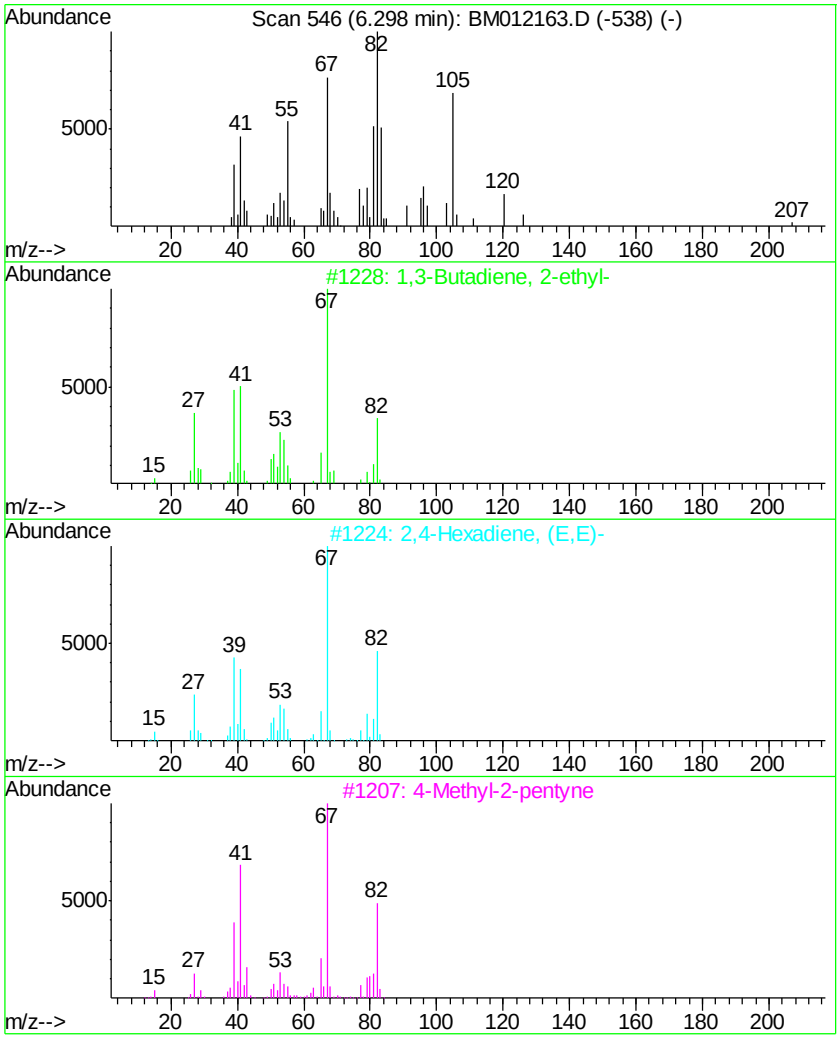
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

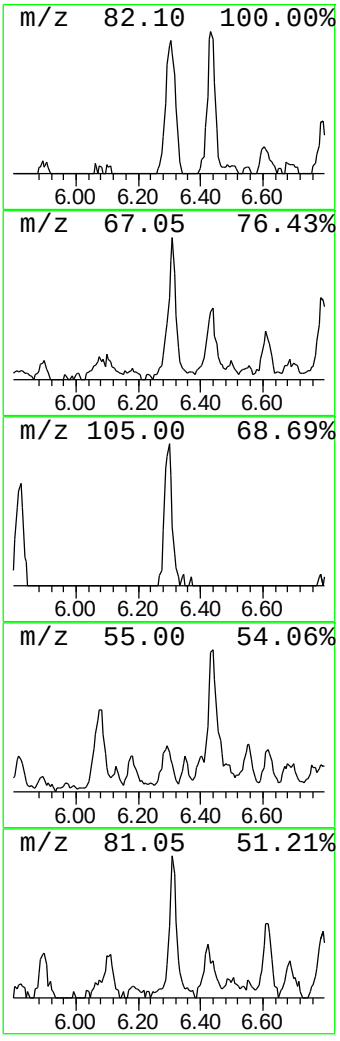
****

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.78 ng/ul	172662	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2-ethyl-	82	C6H10	003404-63-5	46
2	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	46
3	4-Methyl-2-pentyne	82	C6H10	021020-27-9	46
4	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	46
5	Cyclobutene, 3,3-dimethyl-	82	C6H10	016327-38-1	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
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Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

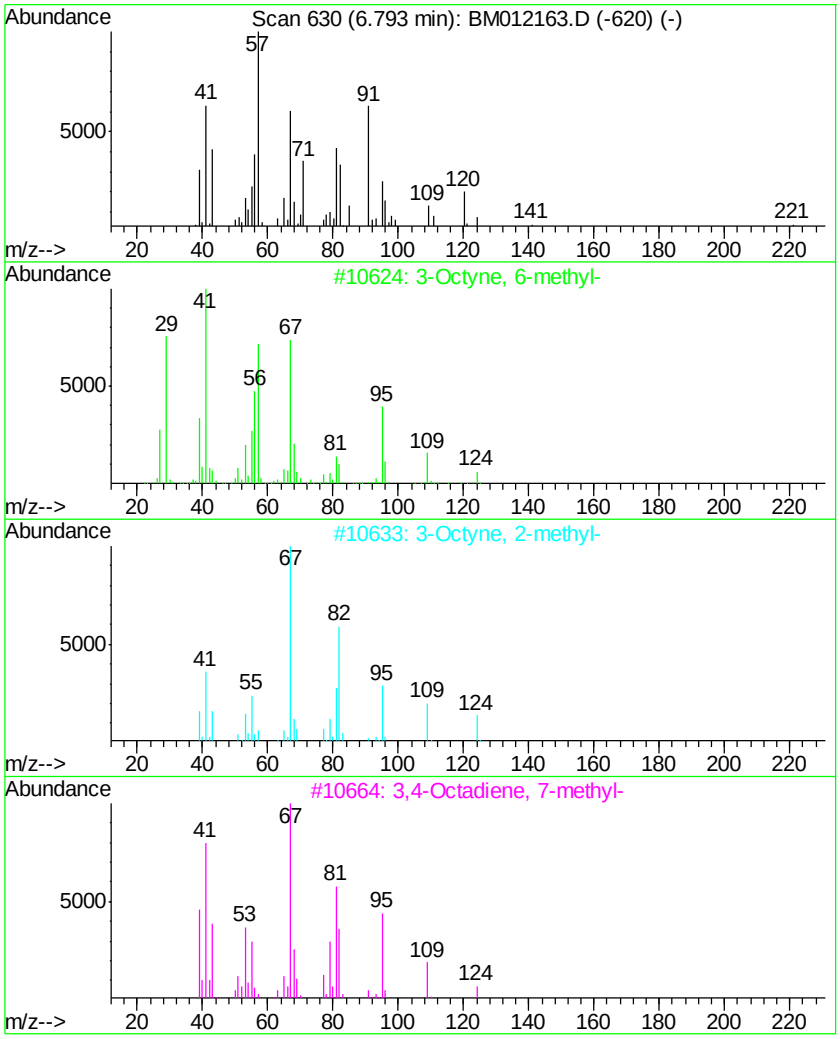
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

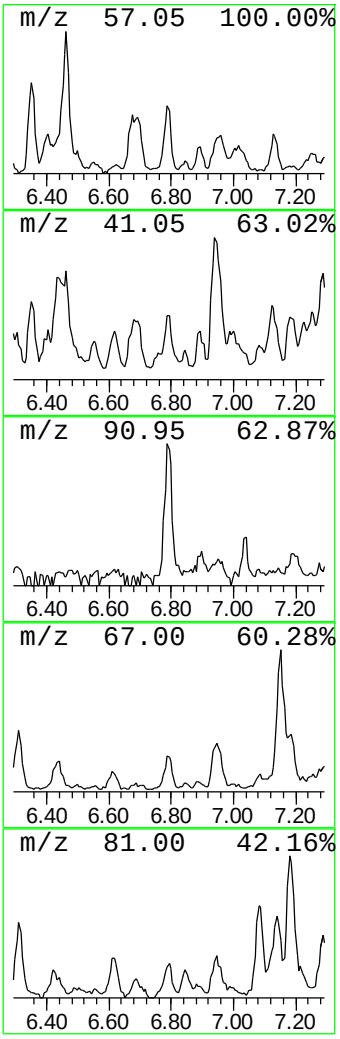
****

Peak Number 4 3-Octyne, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.47 ng/ul	153816	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 6-methyl-	124	C9H16	062108-34-3	60
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	38
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	30
4	5-t-Butyl-cycloheptene	152	C11H20	1000189-30-7	22
5	Cyclopentene,1-(2-methylpropyl)-	124	C9H16	053098-47-8	18





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

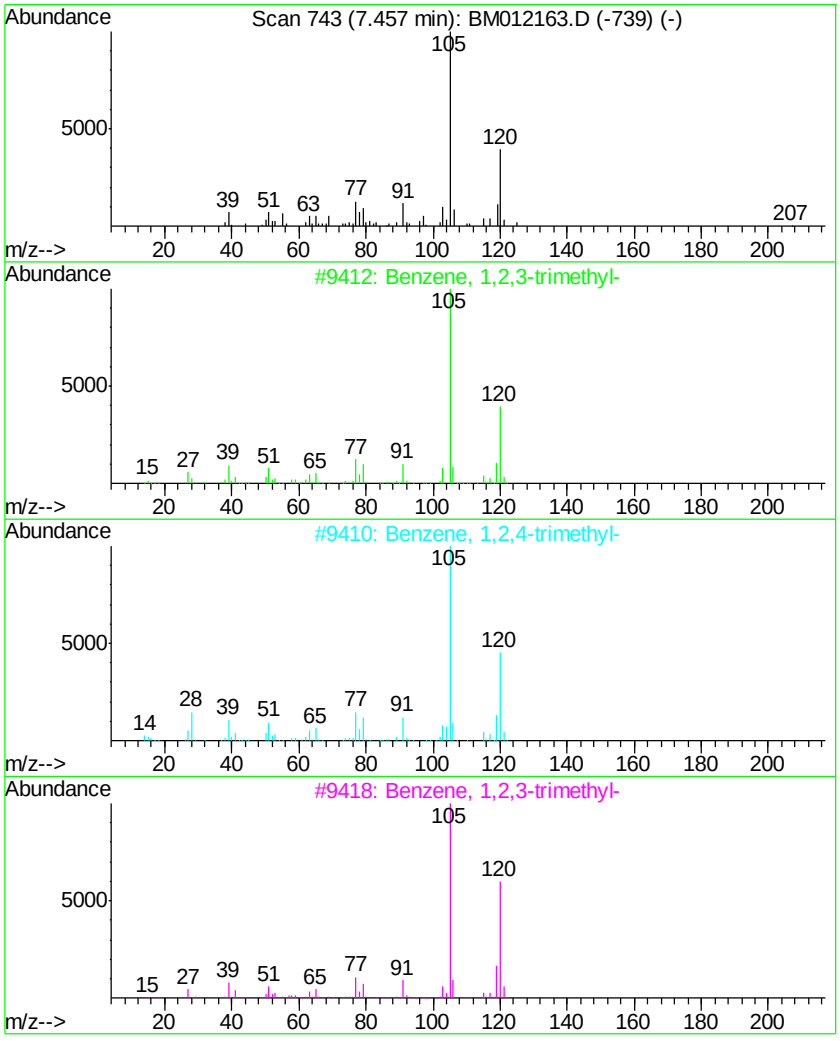
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

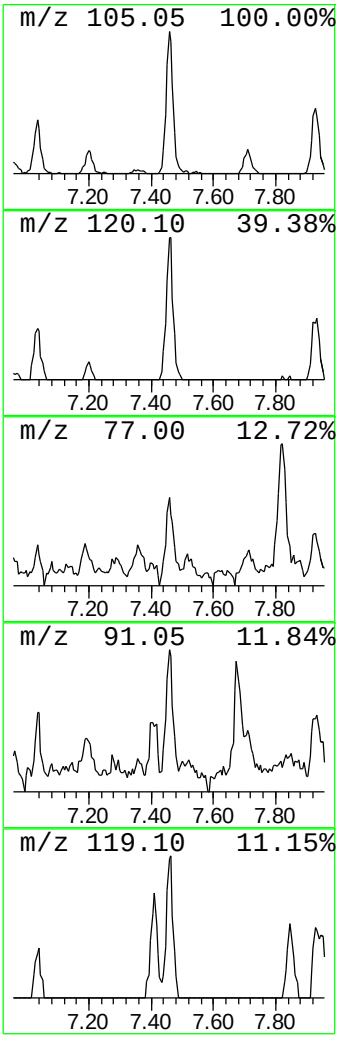
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.07 ng/ul	128540	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

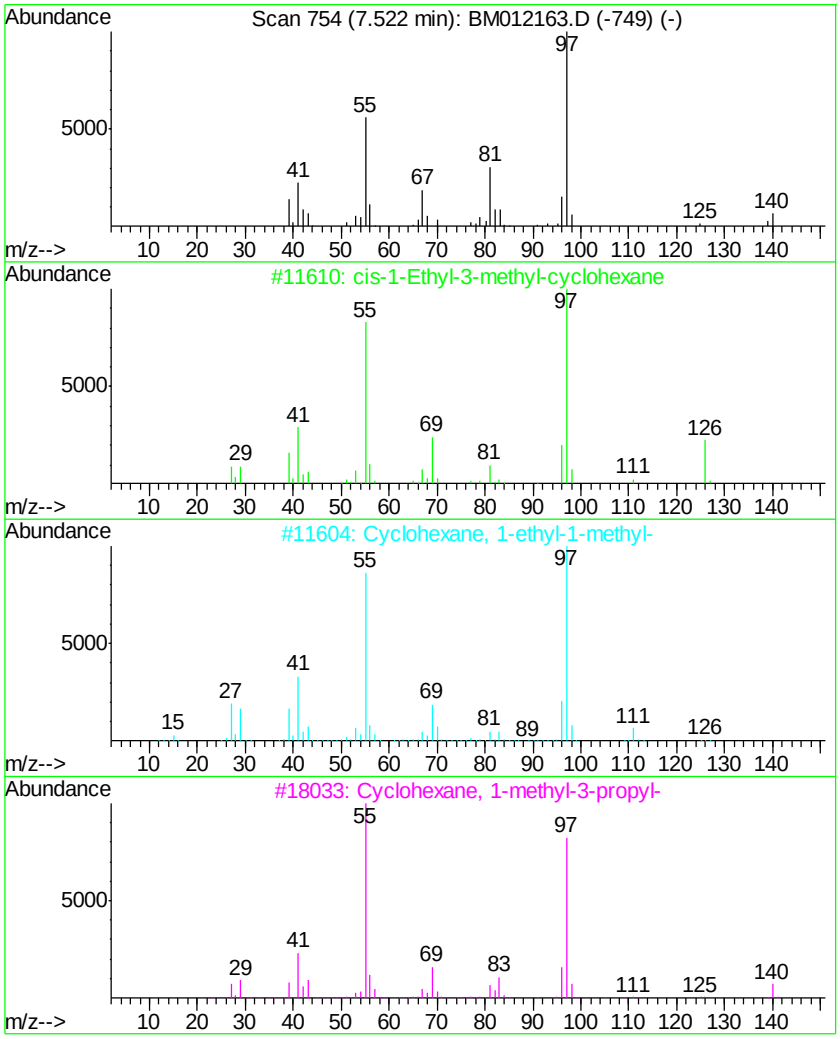
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

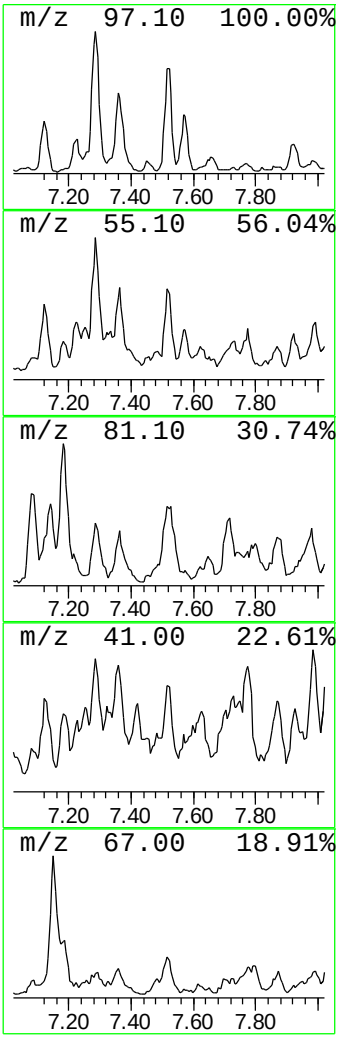
****

Peak Number 6 (DEL) Alkane: Cyclic7.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	2.30 ng/ul	143298	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
4	Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	50
5	Methoxyacetic acid, 1-cyclopenty...	186	C10H18O3	1000282-69-5	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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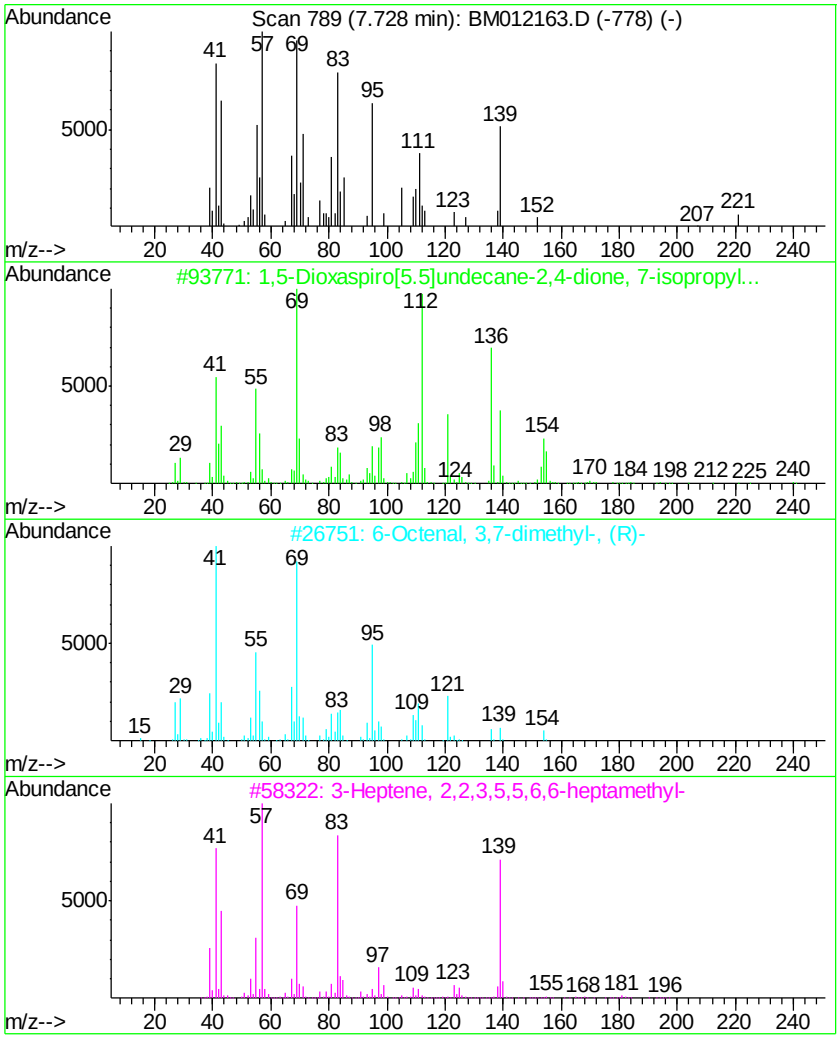
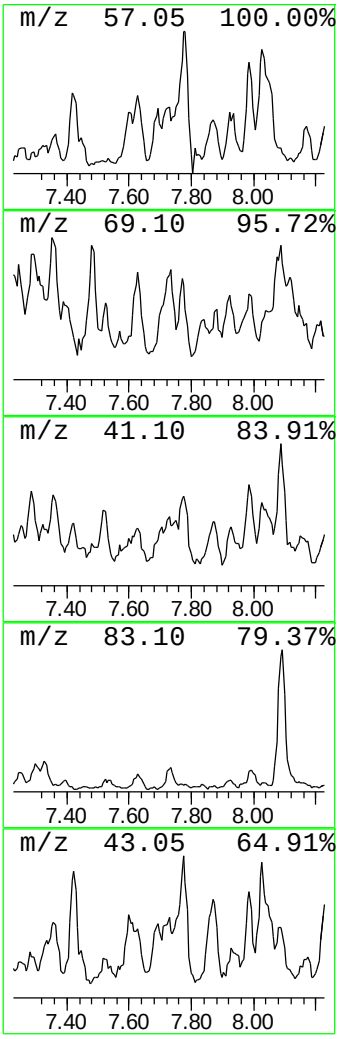
Peak Number 7 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	2.92 ng/ul	181508	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dioxaspiro[5.5]undecane-2,4-...	240	C13H20O4	105252-83-3	35
2	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27
3	3-Heptene, 2,2,3,5,5,6,6-heptame...	196	C14H28	054845-26-0	27
4	Cyclohexanecarboxylic acid, 2-tr...	310	C20H38O2	1000280-59-3	22
5	Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	22





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Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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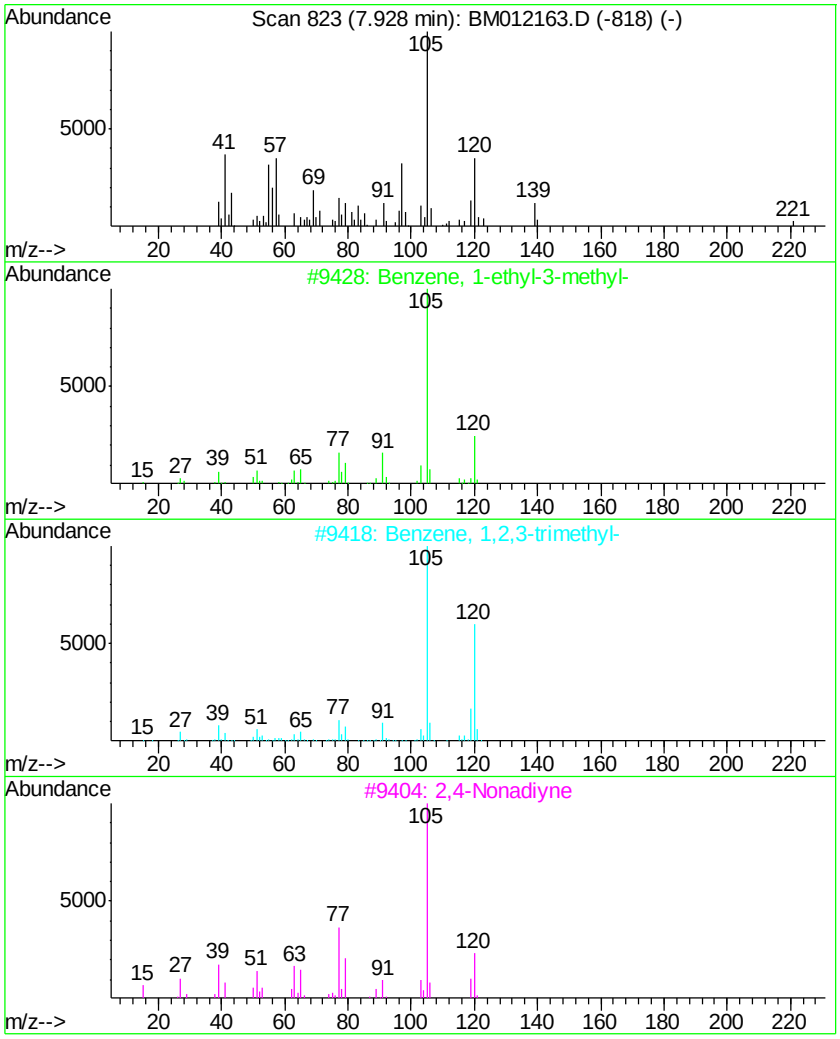
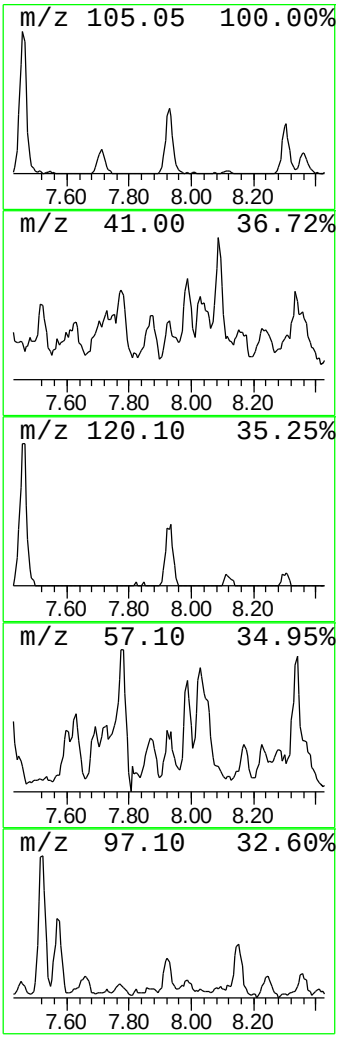
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	2.36 ng/ul	146775	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
3	2,4-Nonadiyne	120	C9H12	063621-15-8	50
4	Mesitylene	120	C9H12	000108-67-8	50
5	Mesitylene	120	C9H12	000108-67-8	50





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Quant Title : SVOA CALIBRATION

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

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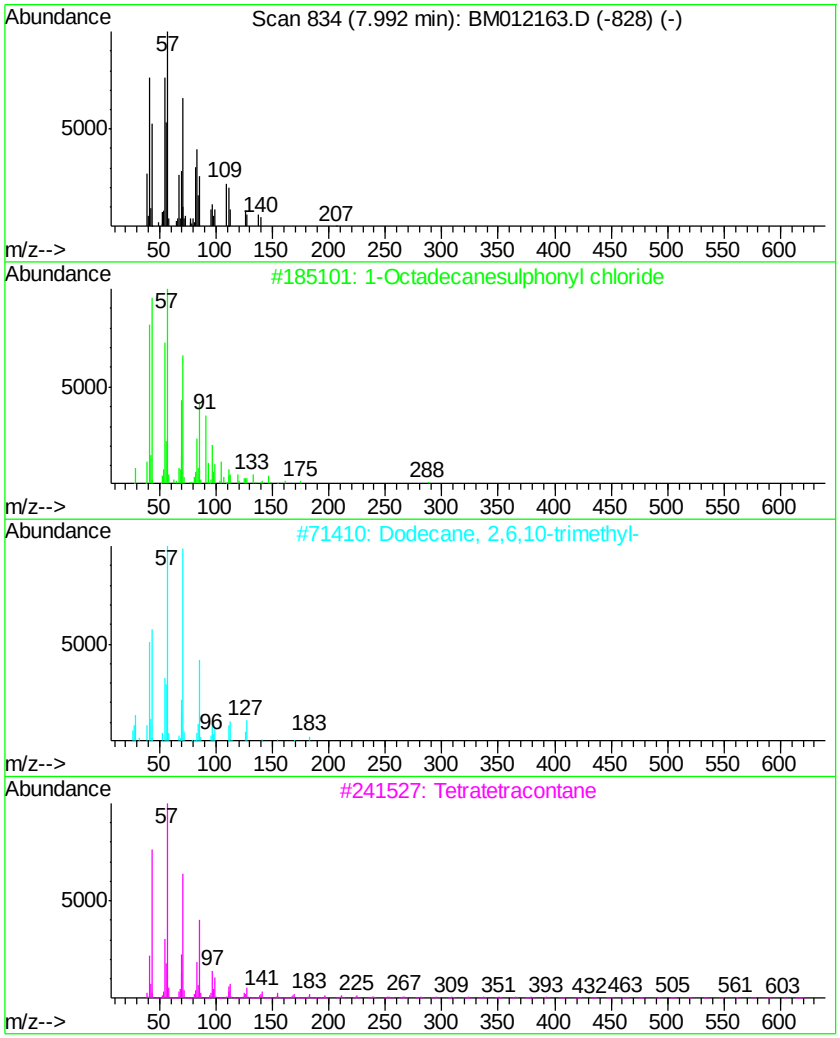
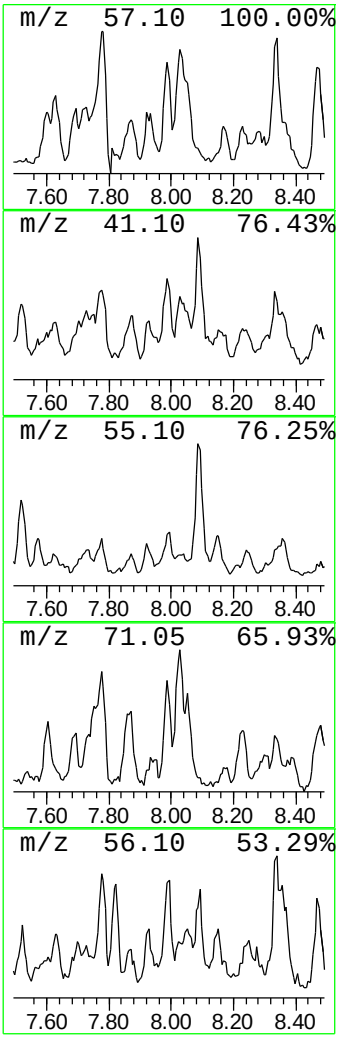
Peak Number 9 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	2.38 ng/ul	147932	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	47
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46
3	Tetratetracontane	619	C44H90	007098-22-8	43
4	Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	43
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43





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Quant Title : SVOA CALIBRATION

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

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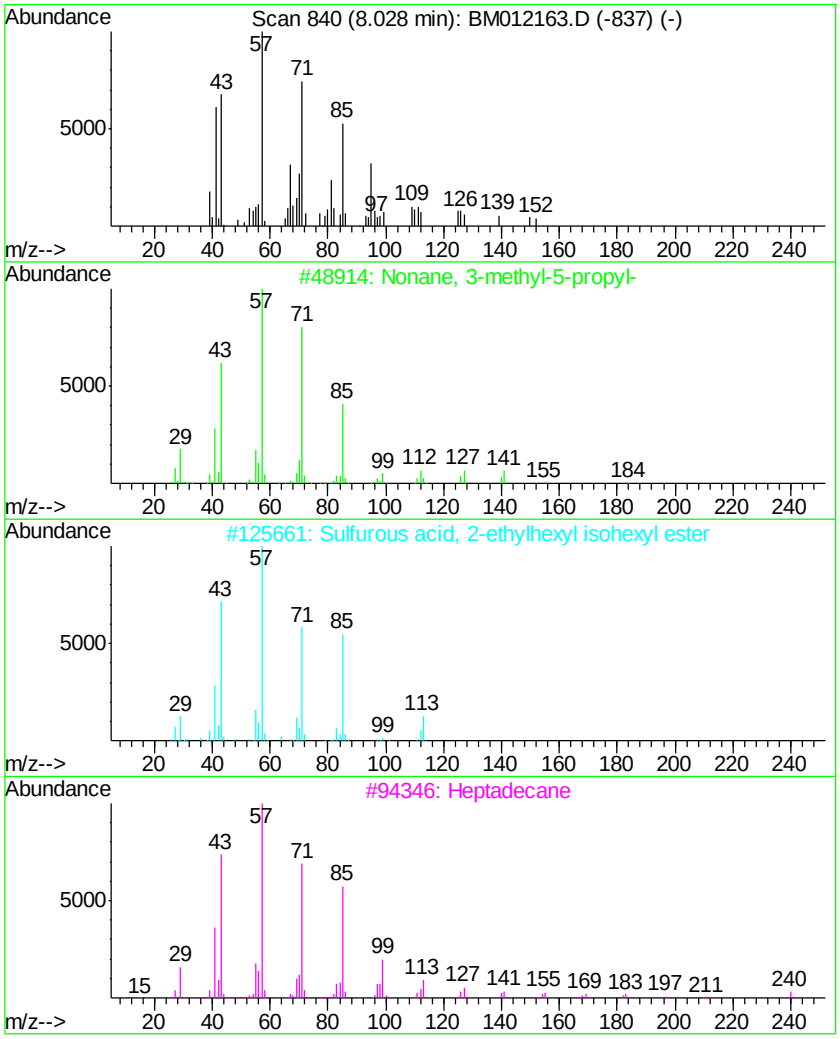
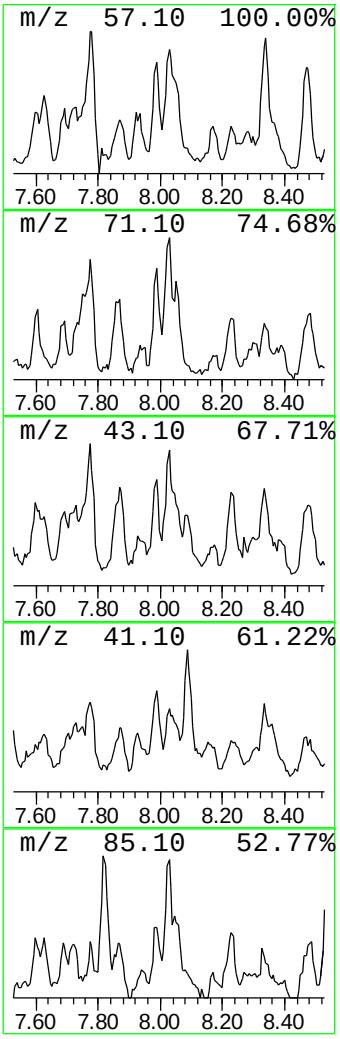
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.00 ng/ul	124641	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
3	Heptadecane	240	C17H36	000629-78-7	47
4	Decane, 3-methyl-	156	C11H24	013151-34-3	47
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47





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Misc :
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Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

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Quant Title : SVOA CALIBRATION

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

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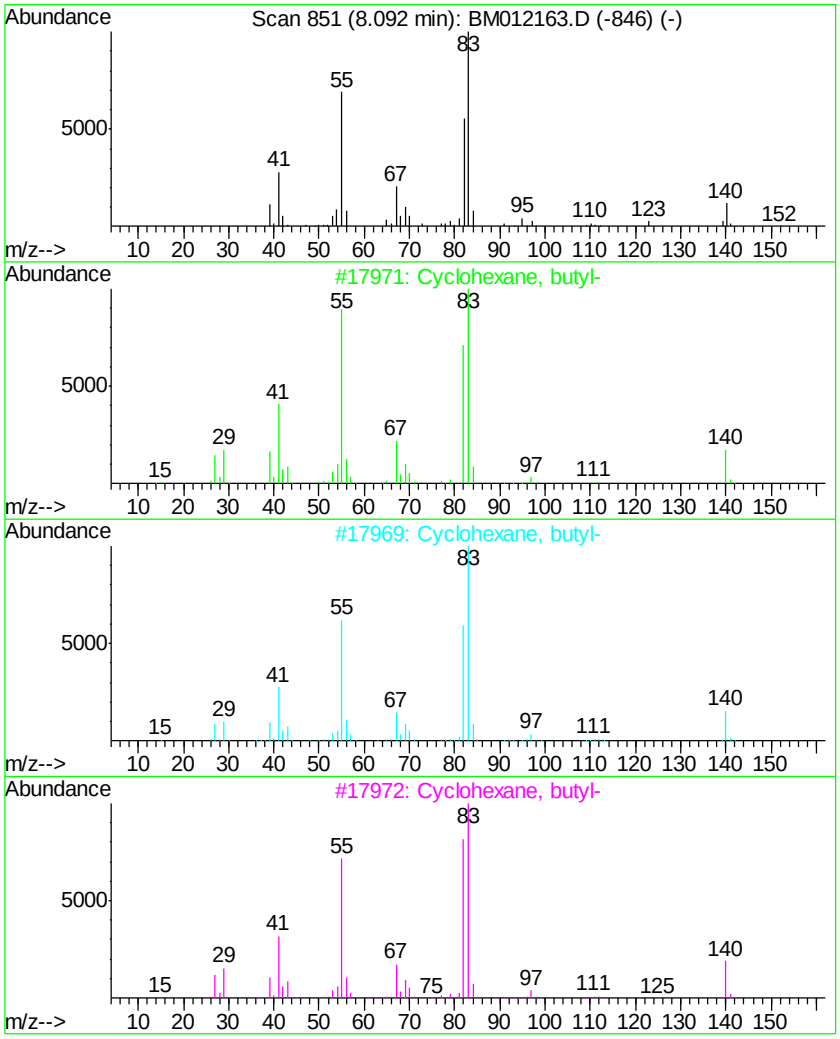
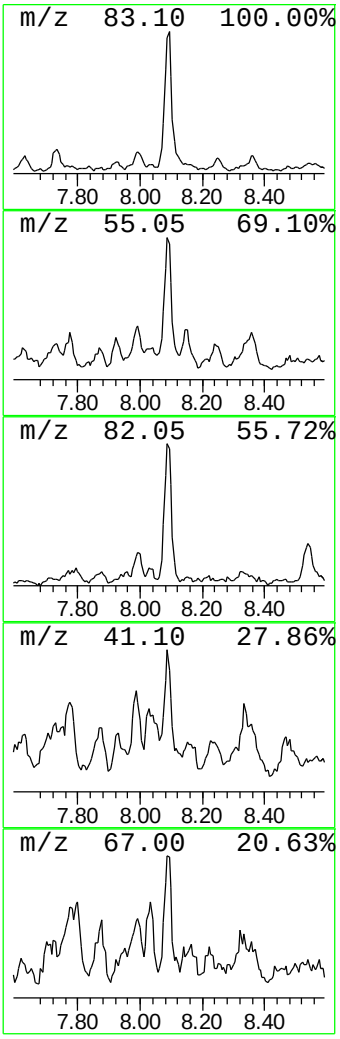
Peak Number 11 (DEL) Alkane: Cyclic8.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	3.47 ng/ul	216042	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





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Quant Title : SVOA CALIBRATION

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

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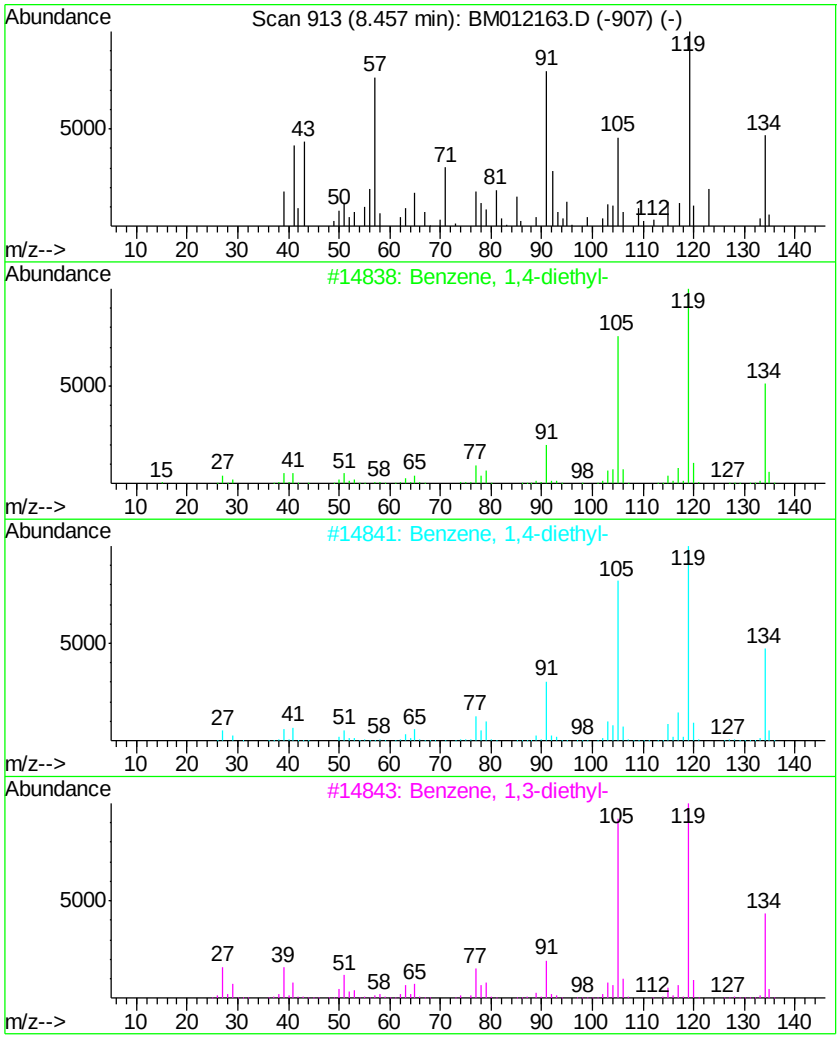
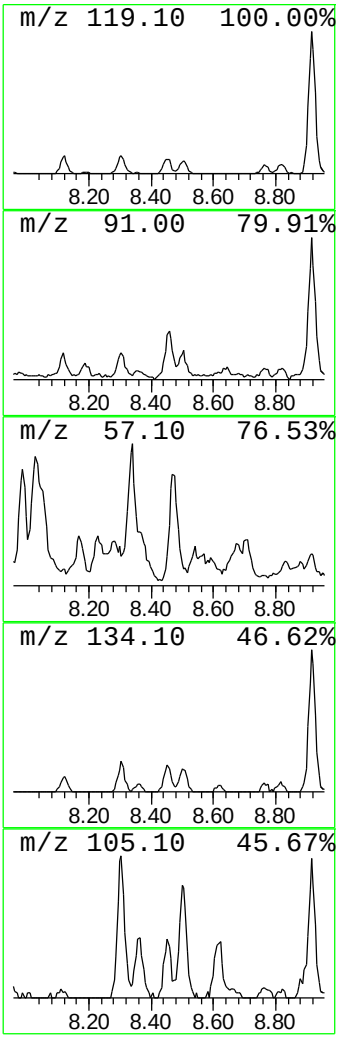
Peak Number 12 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	2.70 ng/ul	167798	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	30
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	30
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	27
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	27
5	3-Methyl-2,3-dihydro-benzofuran	134	C9H10O	013524-73-7	25





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Instrument : BNA_M
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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 13 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.92 ng/ul	243964	1,4-Dichlorobenzene-d4	7.82

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	98
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
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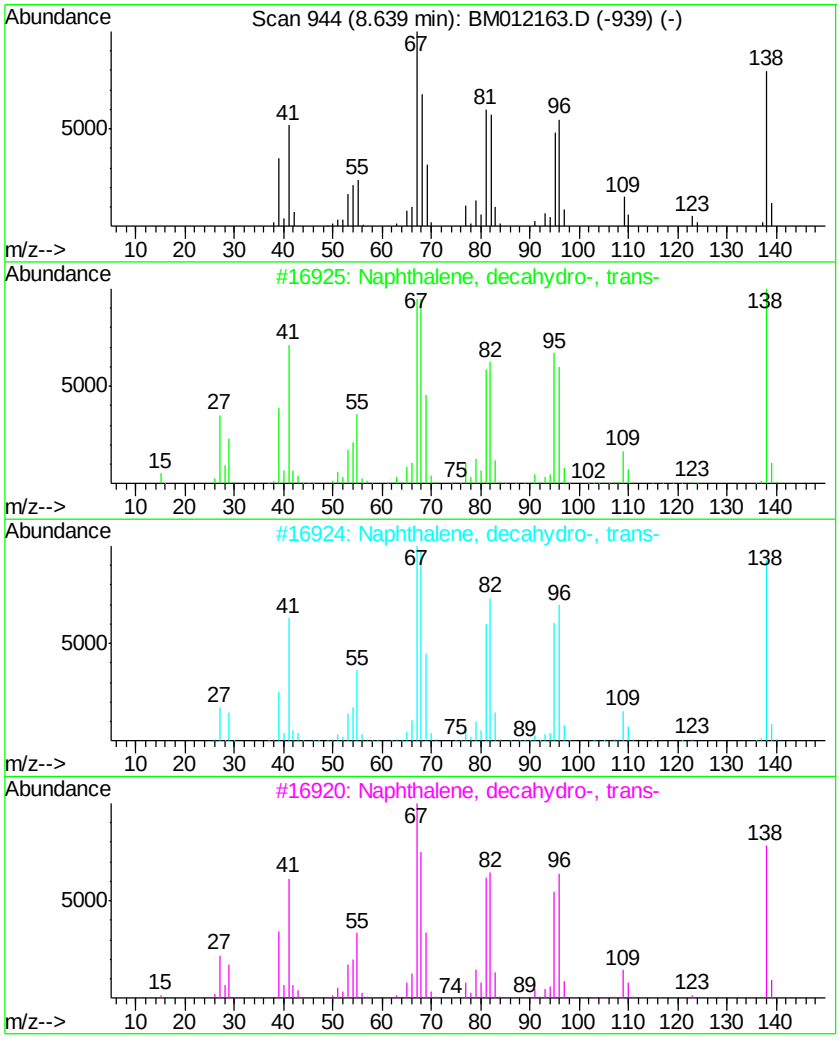

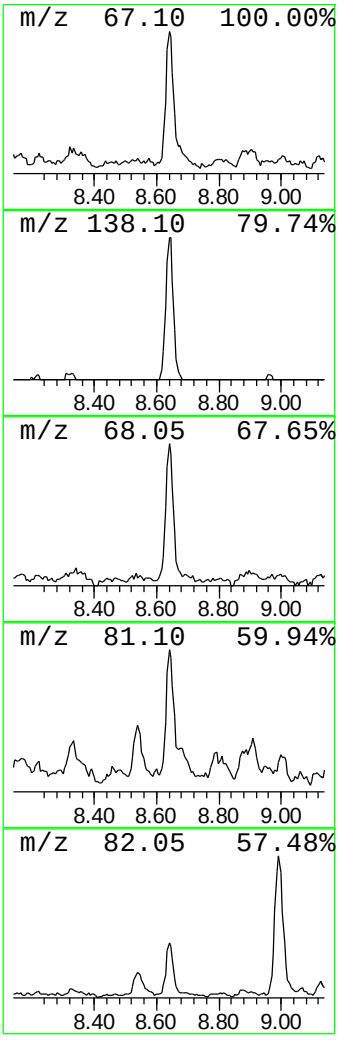

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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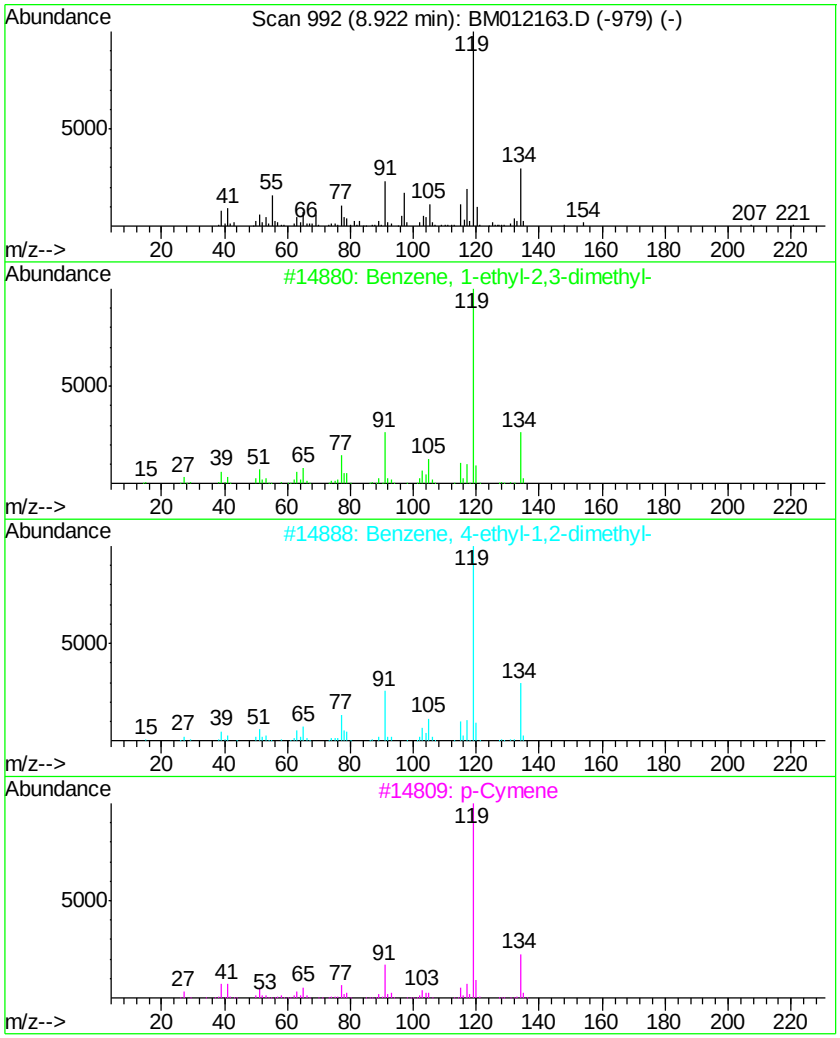
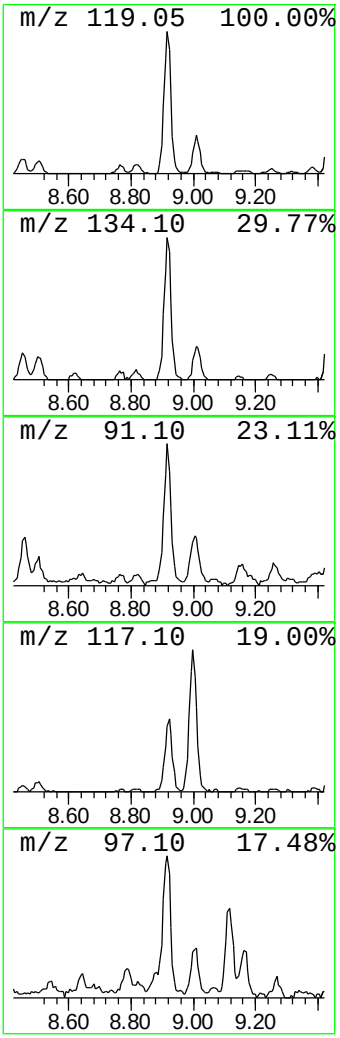
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	9.63 ng/ul	599059	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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TIC Library : C:\DATABASE\NIST11.L
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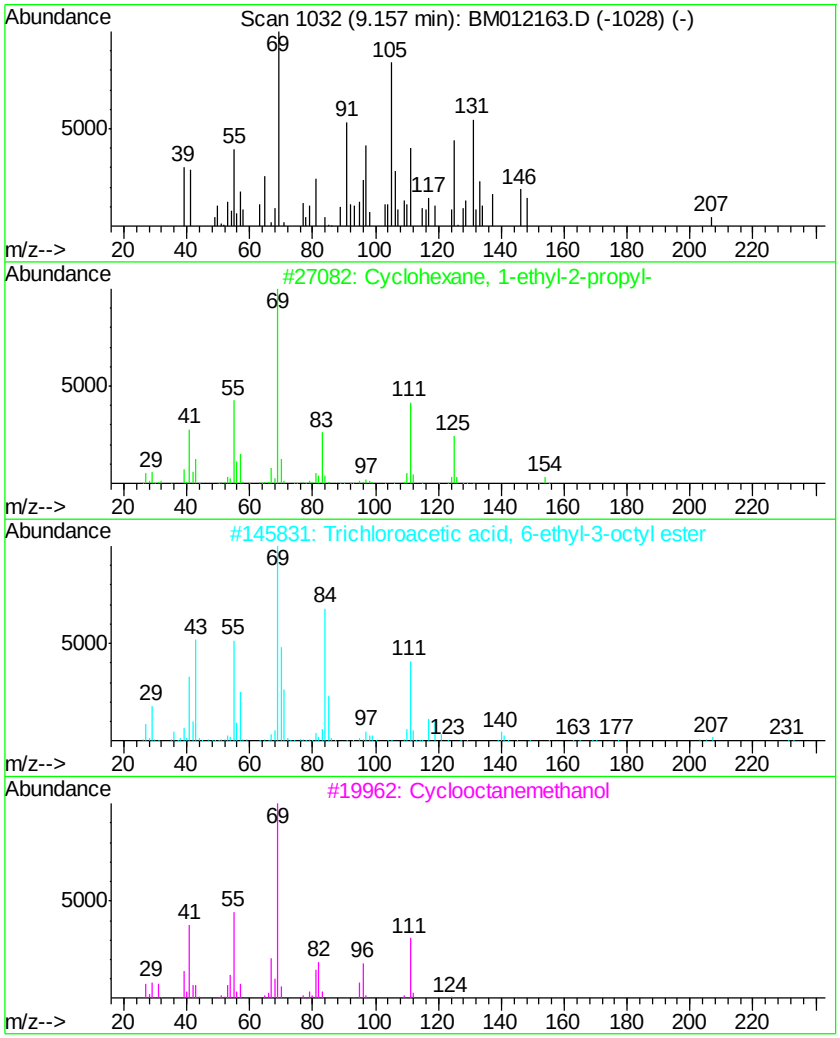
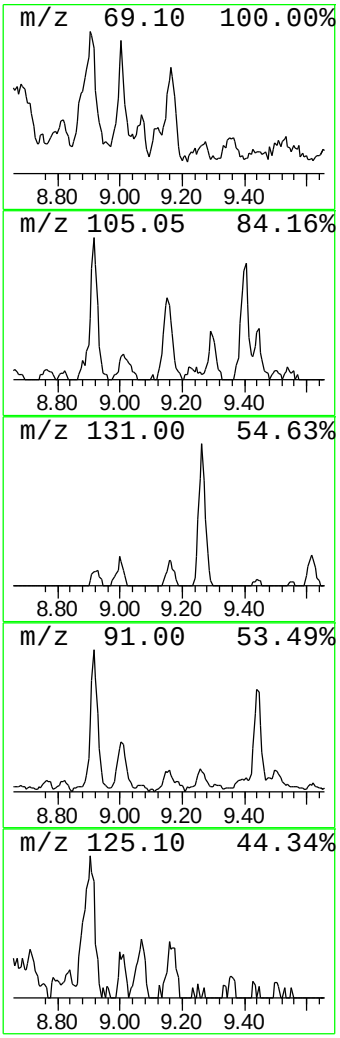
Peak Number 15 (DEL) Alkane: Cyclic9.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.95 ng/ul	183291	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27
2	Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	22
3	Cyclooctanemethanol	142	C9H18O	003637-63-6	16
4	Cyclooctyl bromide	190	C8H15Br	001556-09-8	12
5	1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	12





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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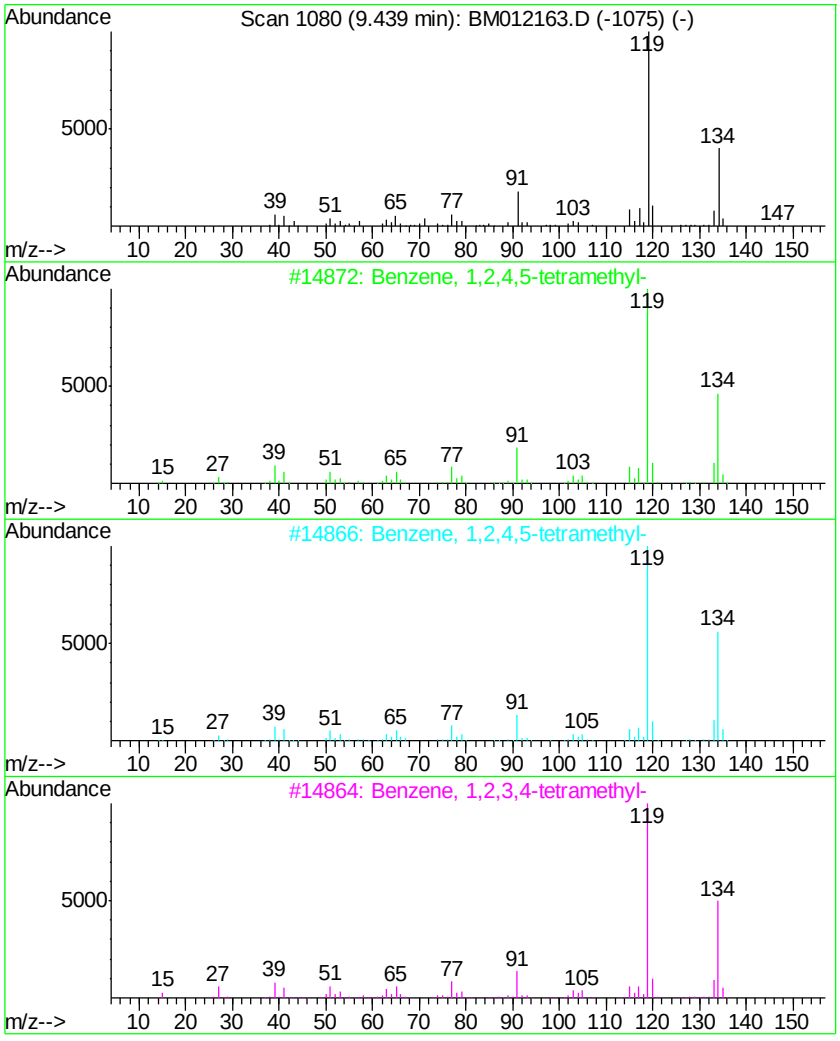
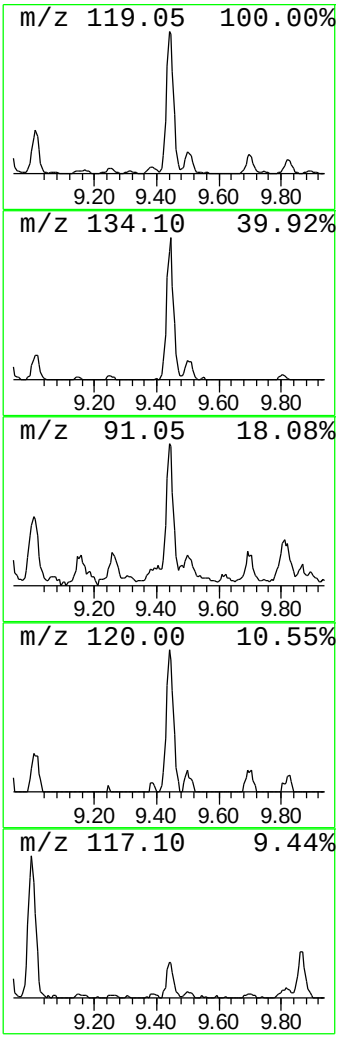
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.84 ng/ul	302398	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Quant Title : SVOA CALIBRATION

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

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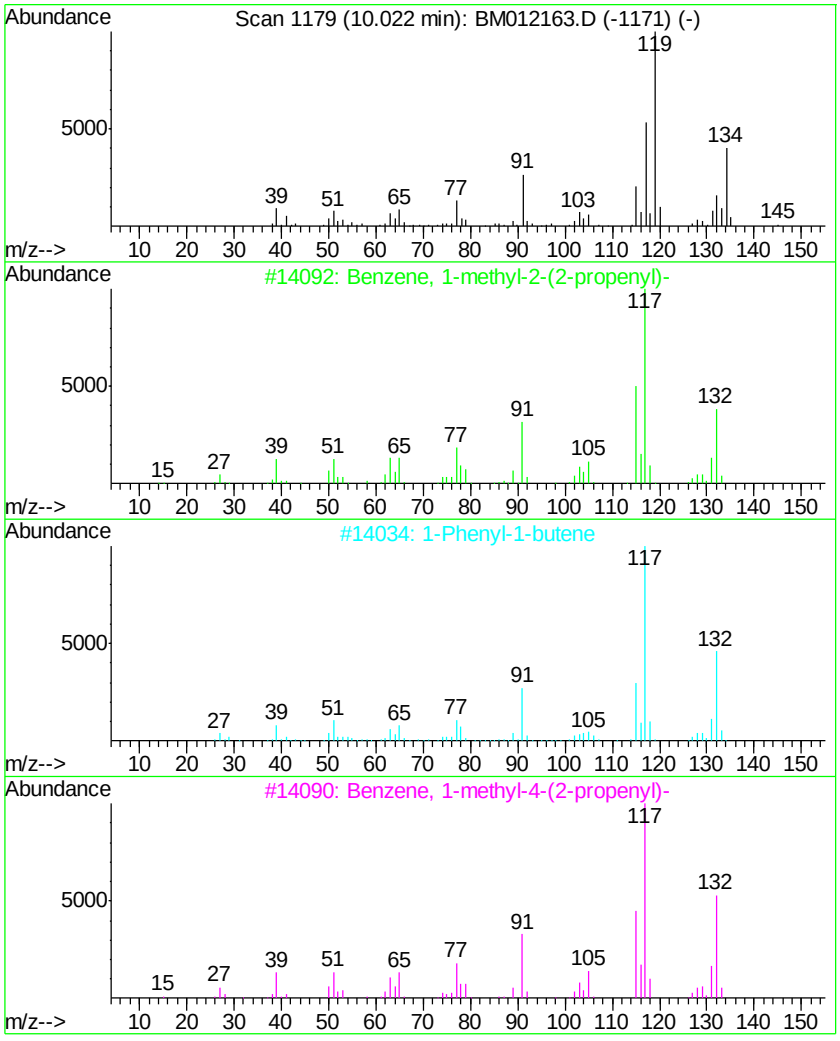
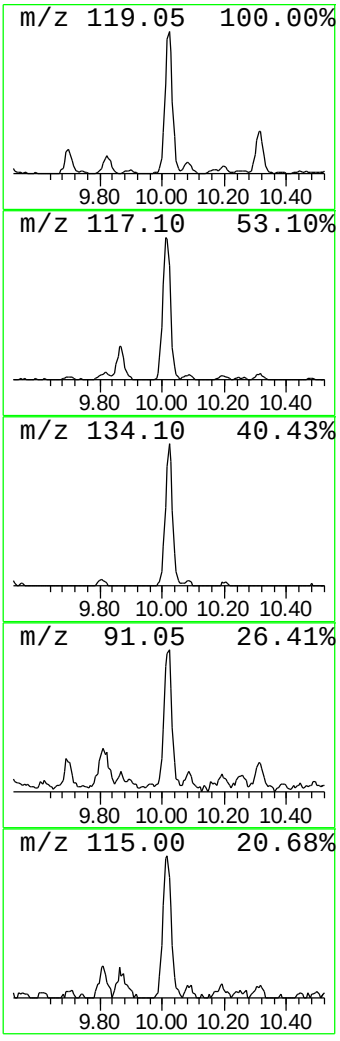
Peak Number 17 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.22 ng/ul	448737	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55





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Misc :
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Quant Title : SVOA CALIBRATION

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

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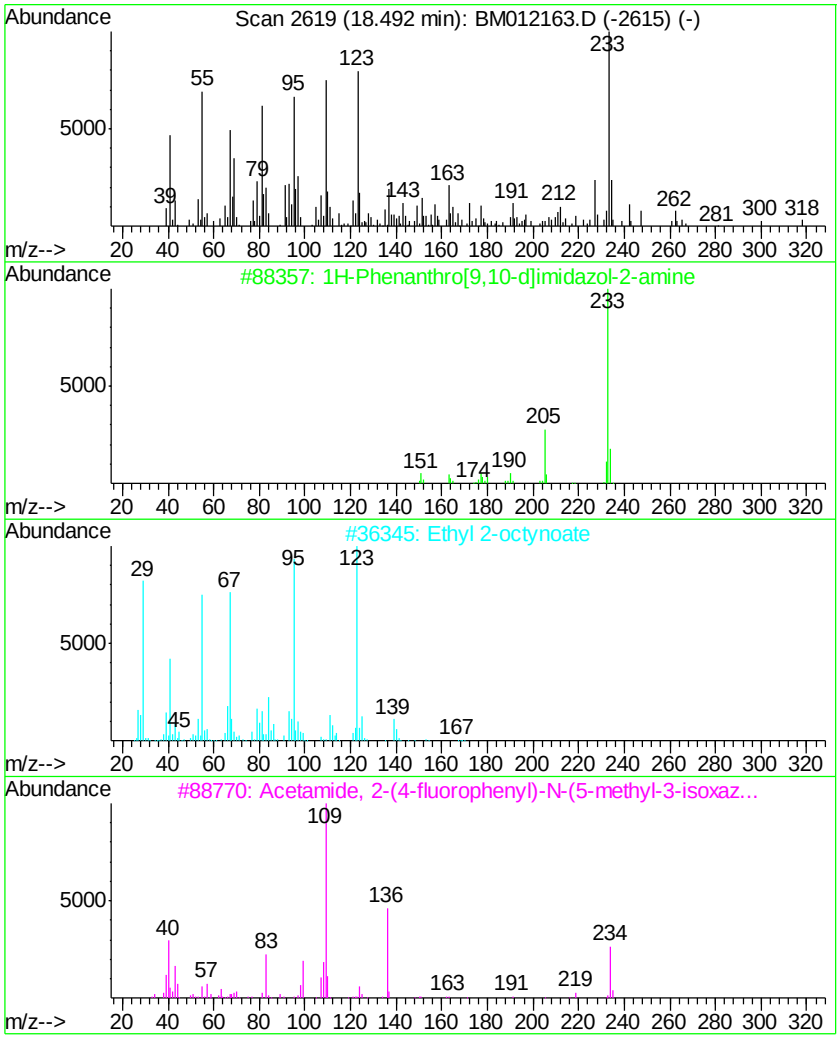
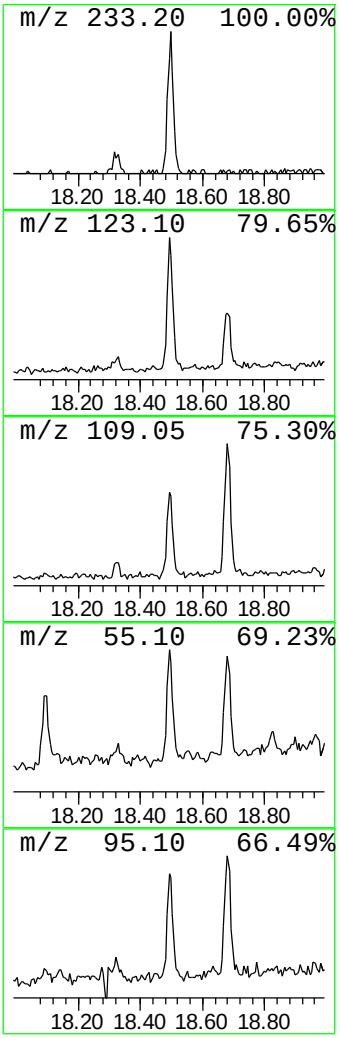
Peak Number 18 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.05 ng/ul	260103	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	43
2	Ethyl 2-octynoate	168	C10H16O2	010519-20-7	18
3	Acetamide, 2-(4-fluorophenyl)-N-...	234	C12H11FN2O2	351060-75-8	15
4	18-Norabietane	262	C19H34	1000293-16-6	14
5	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	11





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

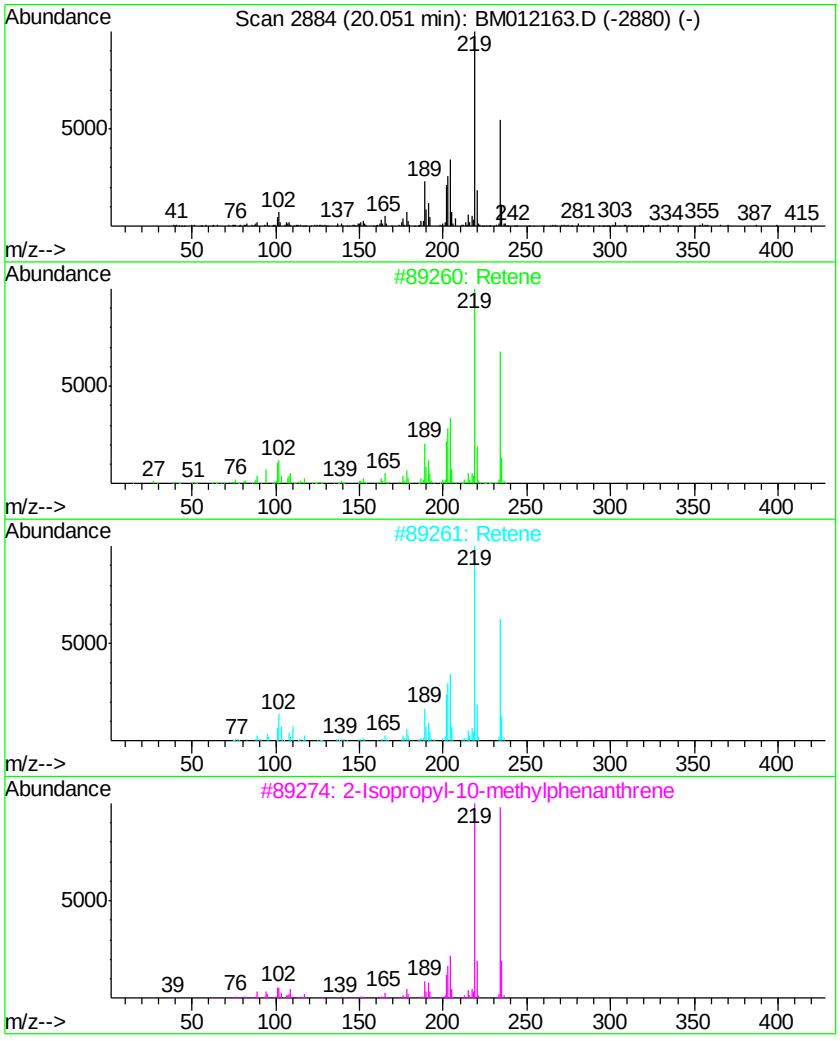
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

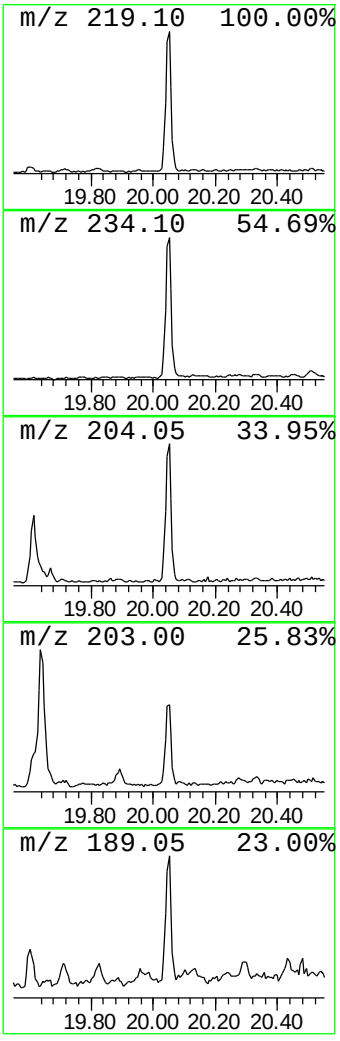
****

Peak Number 19 Retene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.49 ng/ul	369674	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	Retene	234	C18H18	000483-65-8	94
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
4	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	83
5	Retene	234	C18H18	000483-65-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012163.D
Acq On : 14 Oct 2017 08:40
Operator : SJ/JU
Sample : I5611-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-44(0-1)_100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.07	2.6	ng/ul	163131	1	7.82	1243800	20.0
unknown-01	6.30	2.8	ng/ul	172662	1	7.82	1243800	20.0
3-Octyne, 6-methyl-	6.79	2.5	ng/ul	153816	1	7.82	1243800	20.0
Benzene, 1,2,3-tr...	7.46	2.1	ng/ul	128540	1	7.82	1243800	20.0
(DEL) Alkane: Cyc...	7.52	2.3	ng/ul	143298	1	7.82	1243800	20.0
unknown-02	7.73	2.9	ng/ul	181508	1	7.82	1243800	20.0
Benzene, 1-ethyl-...	7.93	2.4	ng/ul	146775	1	7.82	1243800	20.0
unknown-03	7.99	2.4	ng/ul	147932	1	7.82	1243800	20.0
(DEL) Alkane: Str...	8.03	2.0	ng/ul	124641	1	7.82	1243800	20.0
(DEL) Alkane: Cyc...	8.09	3.5	ng/ul	216042	1	7.82	1243800	20.0
unknown-04	8.46	2.7	ng/ul	167798	1	7.82	1243800	20.0
Naphthalene, deca...	8.64	3.9	ng/ul	243964	1	7.82	1243800	20.0
Benzene, 1-ethyl-...	8.92	9.6	ng/ul	599059	1	7.82	1243800	20.0
(DEL) Alkane: Cyc...	9.16	3.0	ng/ul	183291	1	7.82	1243800	20.0
Benzene, 1,2,4,5-...	9.44	2.8	ng/ul	302398	2	10.62	2129010	20.0
Benzene, 1-methyl...	10.02	4.2	ng/ul	448737	2	10.62	2129010	20.0
unknown-05	18.49	2.0	ng/ul	260103	4	17.22	2532940	20.0
Retene	20.05	2.5	ng/ul	369674	5	21.40	2974740	20.0