LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

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-BM111617.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	3.246	23	27	31	rBV	60952	77363	1.69%	0.112%
2	4.928	306	313	319	rVB4	37961	81440	1.78%	0.118%
3	5.063	329	336	345	rBV	1358291	1951698	42.61%	2.829%
4	5.187	353	357	363	rBV	54415	83147	1.82%	0.121%
5	5.381	385	390	398	rVV	397169	587985	12.84%	0.852%
6	5.457	398	403	410	rVB2	131398	186338	4.07%	0.270%
7	5.746	446	452	460	rVB	202015	310096	6.77%	0.450%
8	6.393	553	562	568	rBV2	246506	427638	9.34%	0.620%
9	6.722	612	618	628	rVB6	38654	109937	2.40%	0.159%
10	6.893	642	647	652	rVV	244477	394859	8.62%	0.572%
11	6.940	652	655	663	rVB2	65035	99072	2.16%	0.144%
12	7.051	667	674	680	rBV	767392	1163622	25.40%	1.687%
13	7.104	680	683	687	rVV	86580	132262	2.89%	0.192%
14	7.251	701	708	717	rVB	868668	1470095	32.09%	2.131%
15	7.422	731	737	742	rVB2	299690	462706	10.10%	0.671%
16	7.710	776	786	797	rBV	864305	1503724	32.83%	2.180%
17	7.822	801	805	809	rVV	114585	182454	3.98%	0.264%
18	7.910	816	820	827	rVB	295439	439851	9.60%	0.638%
19	8.081	838	849	858	rVB2	113547	253092	5.53%	0.367%
20	8.422	900	907	916	rVB2	728788	1171623	25.58%	1.698%
21	8.616	936	940	944	rVB2	51119	80180	1.75%	0.116%
22	8.698	949	954	960	rVB3	64476	127629	2.79%	0.185%
23	8.810	967	973	977	rBV2	160125	250461	5.47%	0.363%
24	8.863	977	982	990	rVV	1052262	1757288	38.36%	2.547%
25	8.945	990	996	1007	rVB4	166755	385093	8.41%	0.558%
26	9.192	1033	1038	1046	rVB2	101509	166909	3.64%	0.242%
27	9.328	1053	1061	1067	rVB5	66468	134500	2.94%	0.195%
28	9.392	1067	1072	1079	rBV6	33828	76079	1.66%	0.110%
29	9.492	1079	1089	1093	rBV	121063	211206	4.61%	0.306%
30	9.581	1098	1104	1114	rVB	908642	1508868	32.94%	2.187%
31	9.745	1126	1132	1140	rVB10	64235	137558	3.00%	0.199%
32	9.869	1147	1153	1156	rBV	173755	289204	6.31%	0.419%
33	9.916	1156	1161	1170	rVV5	183144	382419	8.35%	0.554%
34	10.122	1188	1196	1204	rBV	1335523	2182497	47.65%	3.164%

LSC Area Percent Report

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Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

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-BM111617.M
Title : SVOA CALIBRATION

35	10.233	1204	1215	1223	rVB7	89450	272189	5.94%	0.395%
36	10.310	1223	1228	1237	rBV2	73839	120426	2.63%	0.175%
37	10.492	1252	1259	1265	rBV	1145896	1906863	41.63%	2.764%
38	10.857	1313	1321	1325	rVV6	55077	121815	2.66%	0.177%
39	10.904	1325	1329	1336	rVB	131272	210111	4.59%	0.305%
40	11.086	1355	1360	1366	rBV4	50221	90212	1.97%	0.131%
41	11.516	1427	1433	1439	rVB6	34032	75762	1.65%	0.110%
42	11.627	1444	1452	1456	rBV6	33214	82768	1.81%	0.120%
43	11.716	1458	1467	1471	rBV7	57784	149472	3.26%	0.217%
44	11.845	1480	1489	1494	rBV	448160	773382	16.88%	1.121%
45	12.327	1565	1571	1574	rVV6	65768	150059	3.28%	0.218%
46	12.833	1652	1657	1659	rVV3	48334	88290	1.93%	0.128%
47	12.880	1659	1665	1671	rVV2	96196	223750	4.88%	0.324%
48	12.992	1677	1684	1691	rVV	559391	803857	17.55%	1.165%
49	13.474	1761	1766	1771	rVV5	55600	109843	2.40%	0.159%
50	13.769	1810	1816	1822	rBV	2389697	3331834	72.74%	4.830%
51	13.845	1822	1829	1835	rVV2	733382	1252229	27.34%	1.815%
52	13.892	1835	1837	1845	rVB	86338	120680	2.63%	0.175%
53	14.045	1857	1863	1870	rVB	2648894	3882992	84.77%	5.629%
54	14.133	1870	1878	1883	rBV2	105297	188330	4.11%	0.273%
55	14.351	1908	1915	1921	rBV2	1677510	2612756	57.04%	3.788%
56	14.568	1944	1952	1959	rBV	214571	355807	7.77%	0.516%
57	14.751	1978	1983	1987	rVB7	41684	81419	1.78%	0.118%
58	15.104	2039	2043	2046	rBV	77753	118425	2.59%	0.172%
59	15.257	2064	2069	2073	rVB5	64074	88174	1.92%	0.128%
60	15.351	2078	2085	2093	rVB	3031026	4518127	98.64%	6.550%
61	15.463	2097	2104	2114	rBV	919646	1448169	31.62%	2.099%
62	15.586	2121	2125	2128	rBV	75807	85429	1.87%	0.124%
63	15.639	2131	2134	2142	rVB5	70744	124735	2.72%	0.181%
64	15.857	2165	2171	2180	rBV5	180560	382055	8.34%	0.554%
65	15.980	2189	2192	2195	rVV4	94135	128479	2.80%	0.186%
66	16.039	2195	2202	2206	rVV3	159147	309852	6.76%	0.449%
67	16.086	2206	2210	2215	rVB4	63794	101407	2.21%	0.147%
68	16.374	2256	2259	2261	rVV3	63506	88229	1.93%	0.128%
69	16.404	2261	2264	2268	rVB3	103877	152430	3.33%	0.221%
70	16.568	2288	2292	2296	rVV	64827	92252	2.01%	0.134%
71	16.621	2297	2301	2309	rVB6	69680	152946	3.34%	0.222%

LSC Area Percent Report

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Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

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-BM111617.M
Title : SVOA CALIBRATION

72	17.098	2375	2382	2392	rVB2	1991162	2738676	59.79%	3.970%
73	17.198	2392	2399	2407	rBV	3351660	4580600	100.00%	6.640%
74	17.268	2407	2411	2416	rVV3	88771	128658	2.81%	0.187%
75	17.345	2420	2424	2432	rVB10	43998	91950	2.01%	0.133%
76	17.633	2469	2473	2477	rBV	86713	113401	2.48%	0.164%
77	17.774	2492	2497	2501	rBV2	128375	197532	4.31%	0.286%
78	18.004	2532	2536	2545	rBV2	175770	250085	5.46%	0.363%
79	18.139	2554	2559	2567	rVB	270345	409954	8.95%	0.594%
80	18.239	2570	2576	2579	rVV	159940	254279	5.55%	0.369%
81	18.292	2579	2585	2590	rVV	409578	671063	14.65%	0.973%
82	18.356	2593	2596	2604	rVB6	51857	85651	1.87%	0.124%
83	18.698	2649	2654	2660	rBV8	60936	105886	2.31%	0.153%
84	19.003	2702	2706	2710	rVB5	57470	90101	1.97%	0.131%
85	19.092	2716	2721	2724	rBV2	50584	90816	1.98%	0.132%
86	19.221	2738	2743	2748	rBV5	127198	204285	4.46%	0.296%
87	19.292	2750	2755	2766	rVV	291617	477478	10.42%	0.692%
88	19.386	2766	2771	2778	rVB5	46871	107478	2.35%	0.156%
89	19.492	2783	2789	2794	rVV2	3391803	4520555	98.69%	6.553%
90	19.545	2794	2798	2809	rVB	476965	635077	13.86%	0.921%
91	19.709	2823	2826	2828	rBV2	72701	81656	1.78%	0.118%
92	19.745	2828	2832	2836	rVB2	258175	326462	7.13%	0.473%
93	19.792	2836	2840	2844	rBV	76509	101286	2.21%	0.147%
94	19.903	2853	2859	2862	rBV2	98164	138530	3.02%	0.201%
95	19.945	2862	2866	2872	rVV	170566	212896	4.65%	0.309%
96	20.221	2909	2913	2918	rVB2	133287	172900	3.77%	0.251%
97	21.280	3088	3093	3099	rBV	2042899	2504585	54.68%	3.631%
98	21.403	3111	3114	3119	rVB2	74935	90054	1.97%	0.131%
99	23.368	3441	3448	3455	rBV2	2130723	3846863	83.98%	5.577%
100	23.509	3465	3472	3480	rBV2	1133341	2178285	47.55%	3.158%

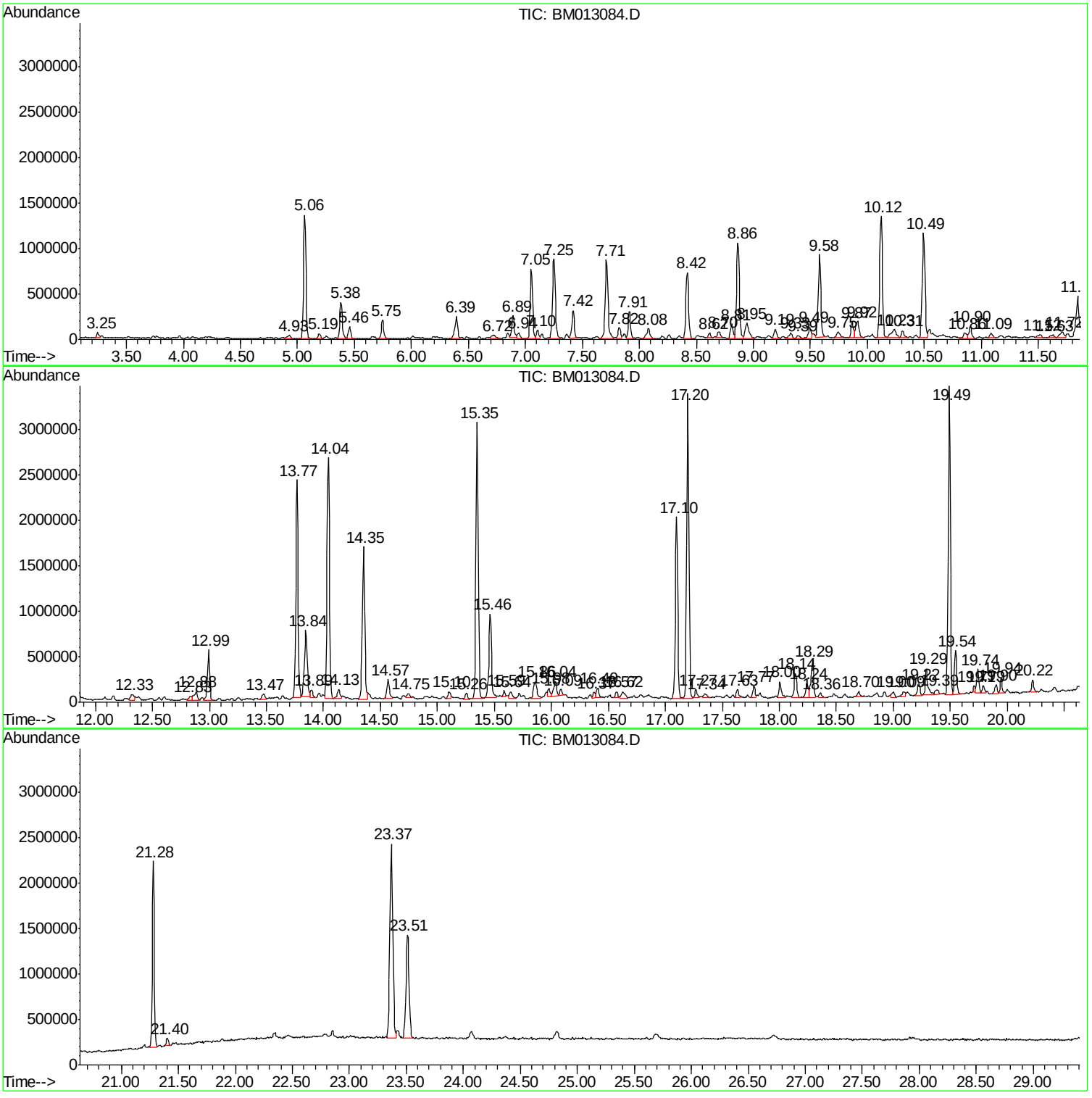
Sum of corrected areas: 68981490

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

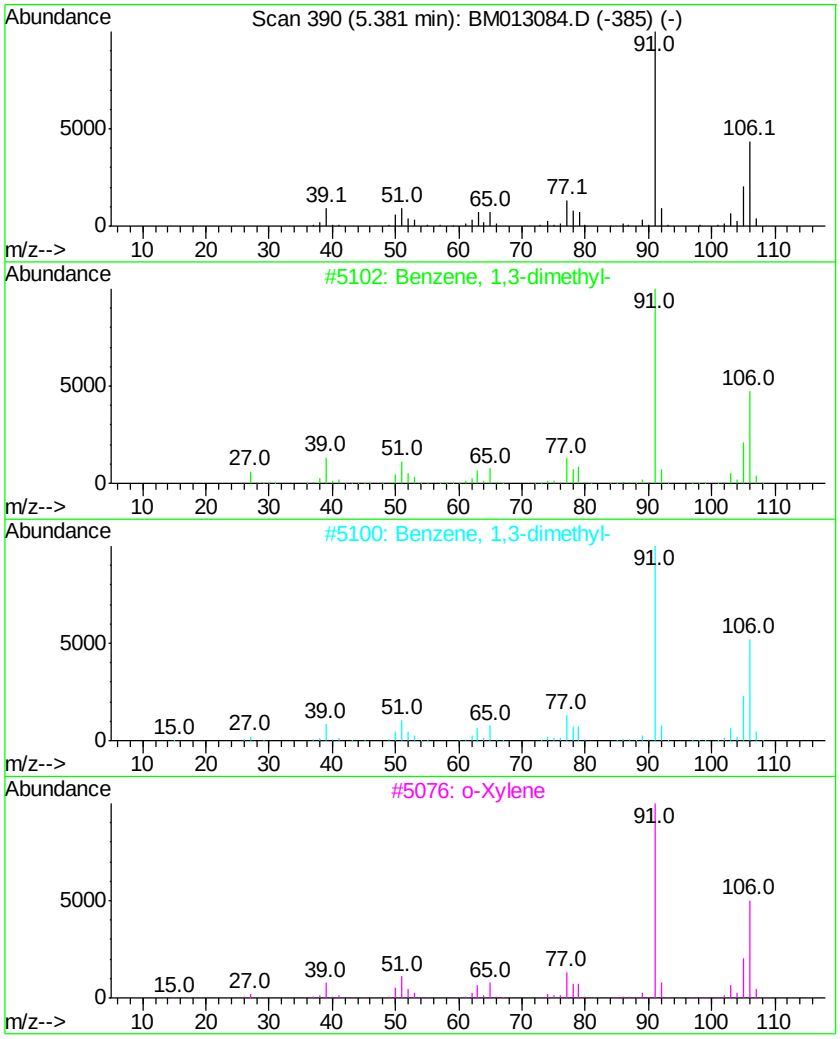
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

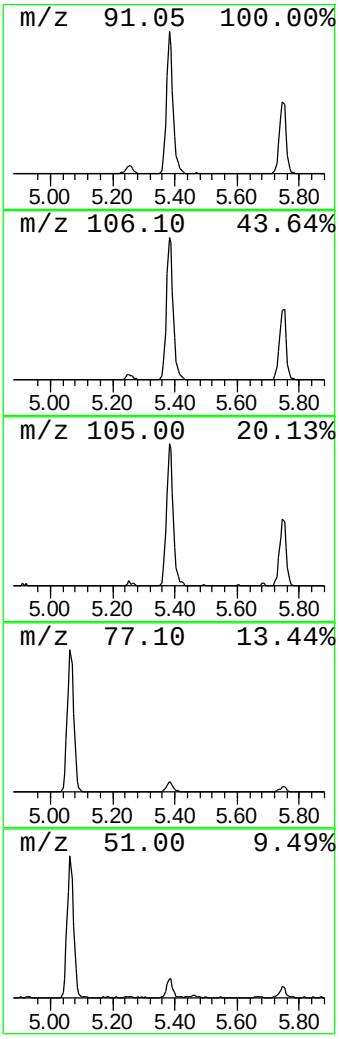
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	7.82 ng/ul	587985	1,4-Dichlorobenzene-d4	7.71

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





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

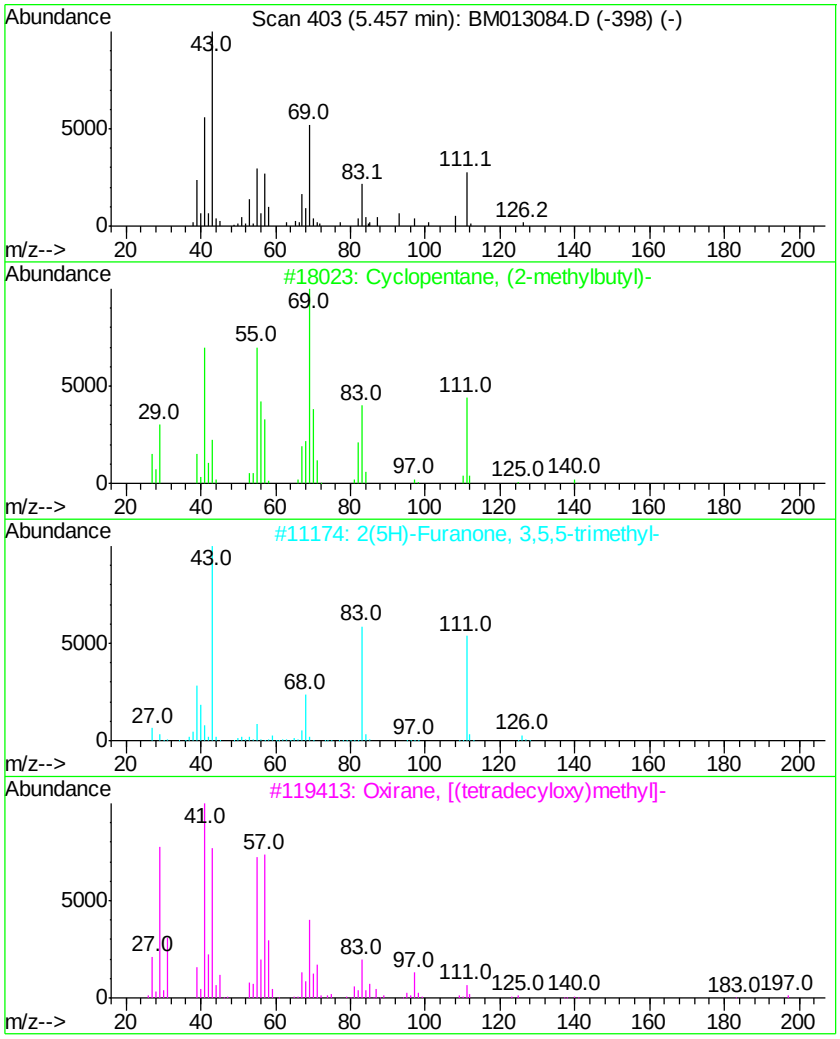
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

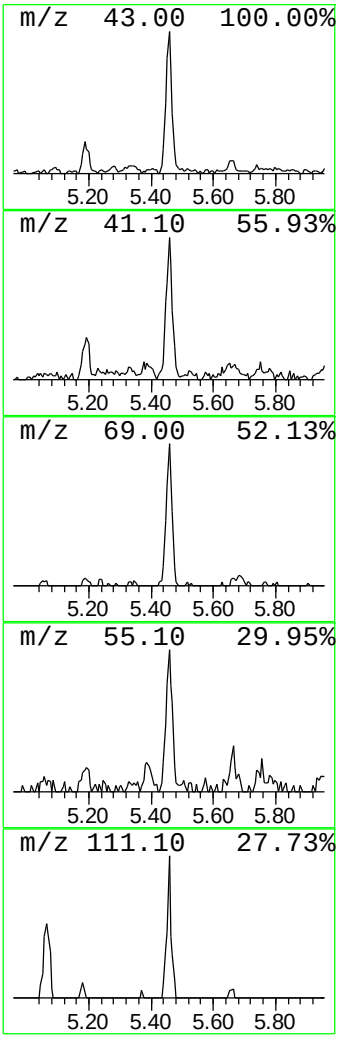
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic5.46 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	2.48 ng/ul	186338	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
2	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	35
3	Oxirane, [(tetradecyloxy)methyl]-	270	C17H34O2	038954-75-5	32
4	1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	32
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	16





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

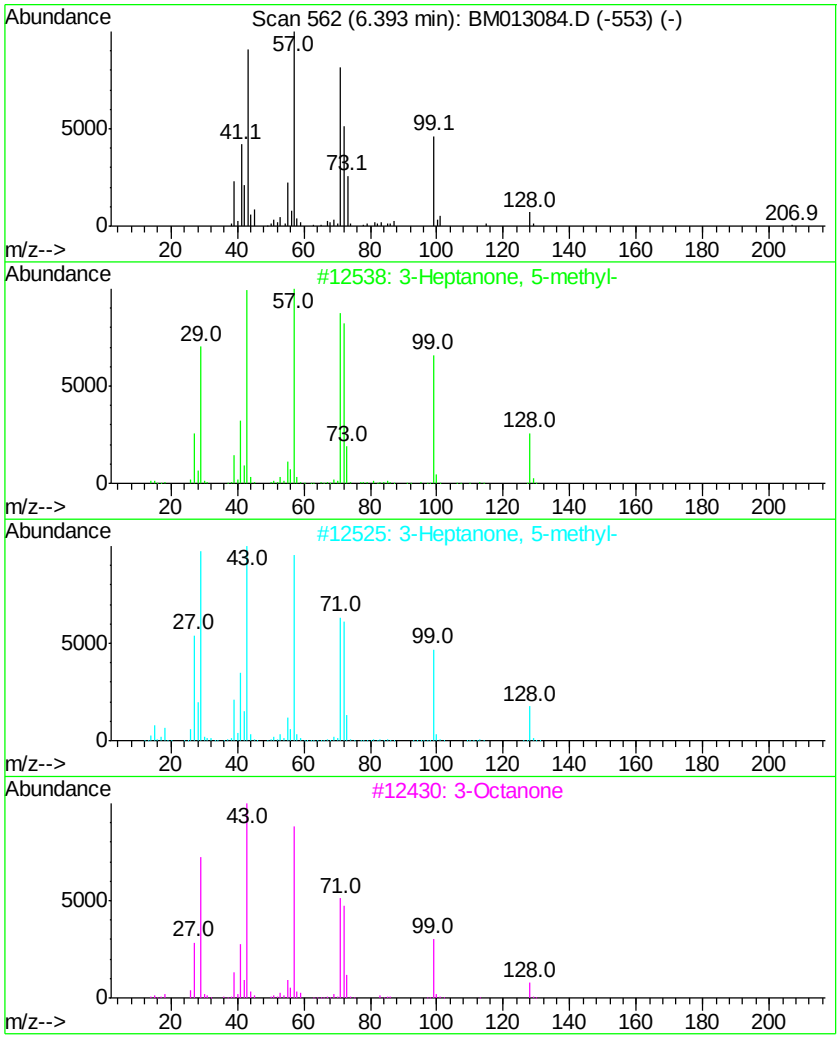
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

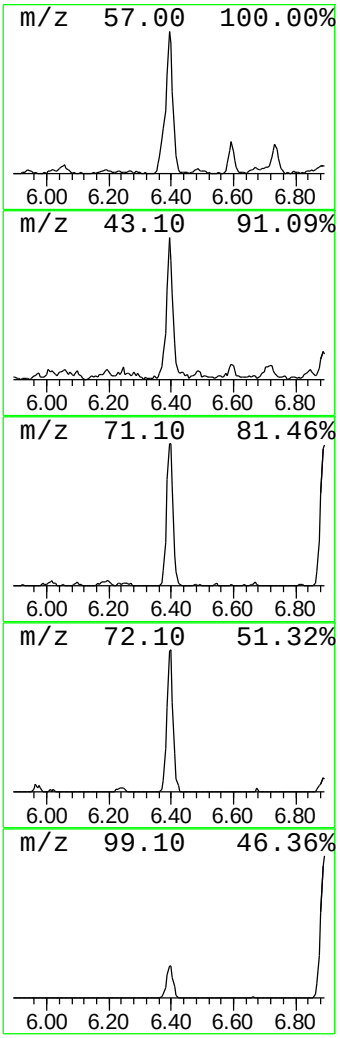
****

Peak Number 5 3-Heptanone, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	5.69 ng/ul	427638	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	50
3	3-Octanone	128	C8H16O	000106-68-3	49
4	4-Nonanone	142	C9H18O	004485-09-0	47
5	3-Methyl-4-nonanone	156	C10H20O	035778-39-3	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

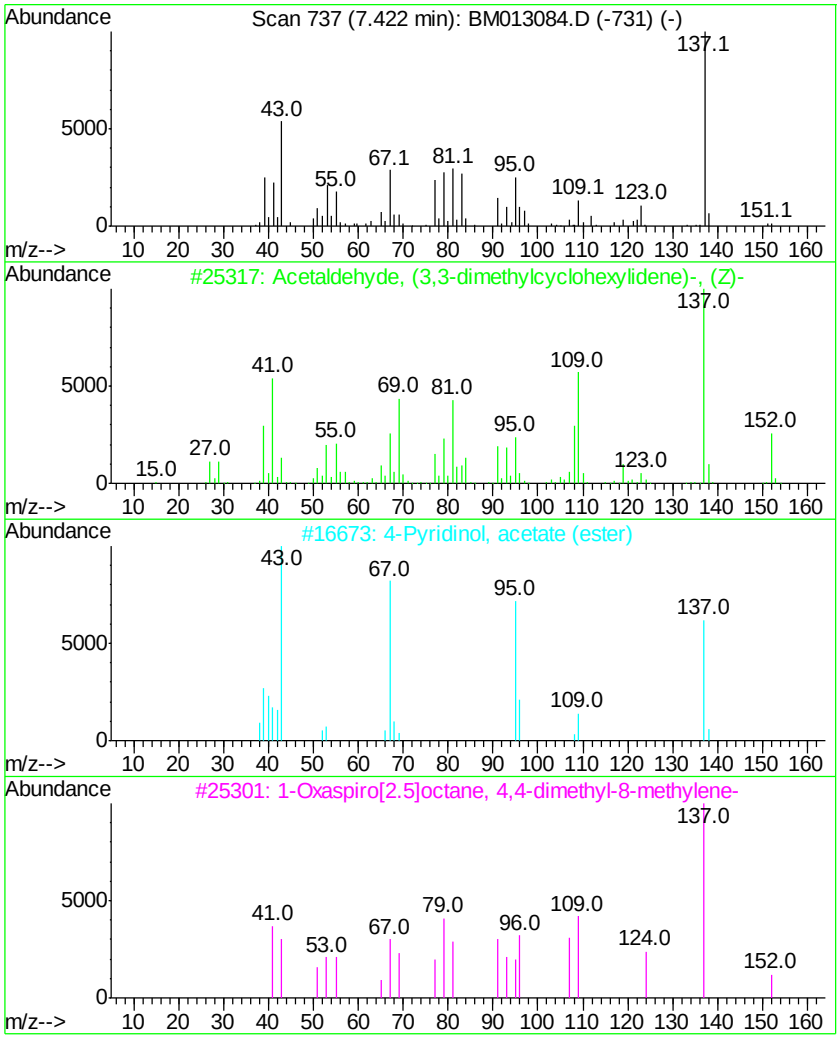
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

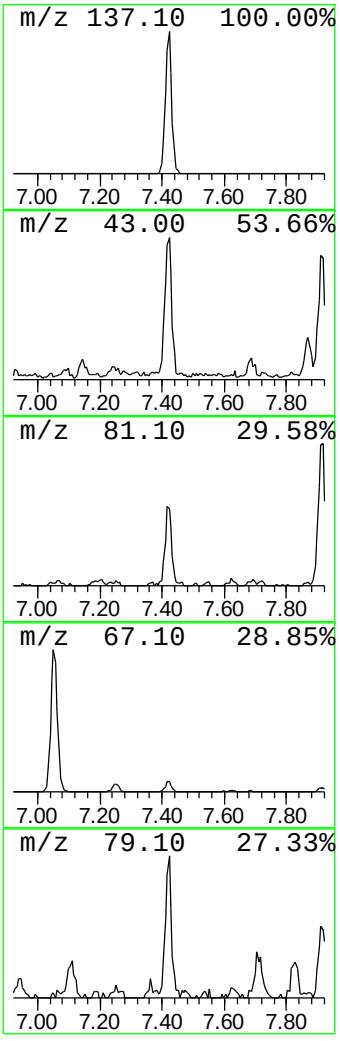
****

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	6.15 ng/ul	462706	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	45
2	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	43
3	1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	42
4	(4-Methoxyphenyl)(2-methylenecyc...	232	C15H20O2	1000191-91-2	38
5	Cyclohexanone, 2-(2-nitro-2-prop...	183	C9H13NO3	078551-08-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

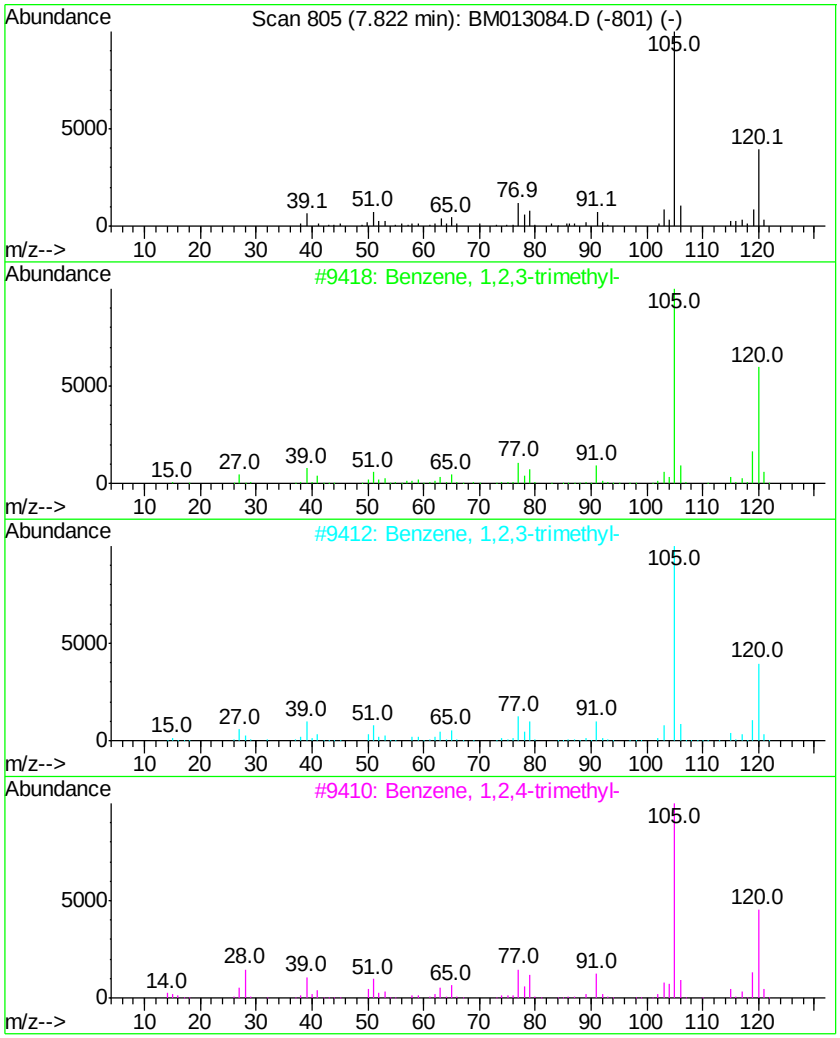
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

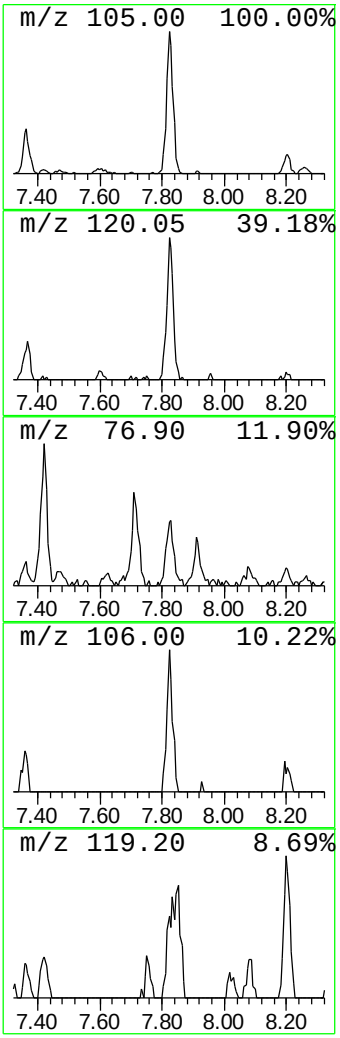
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.43 ng/ul	182454	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

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Quant Title : SVOA CALIBRATION

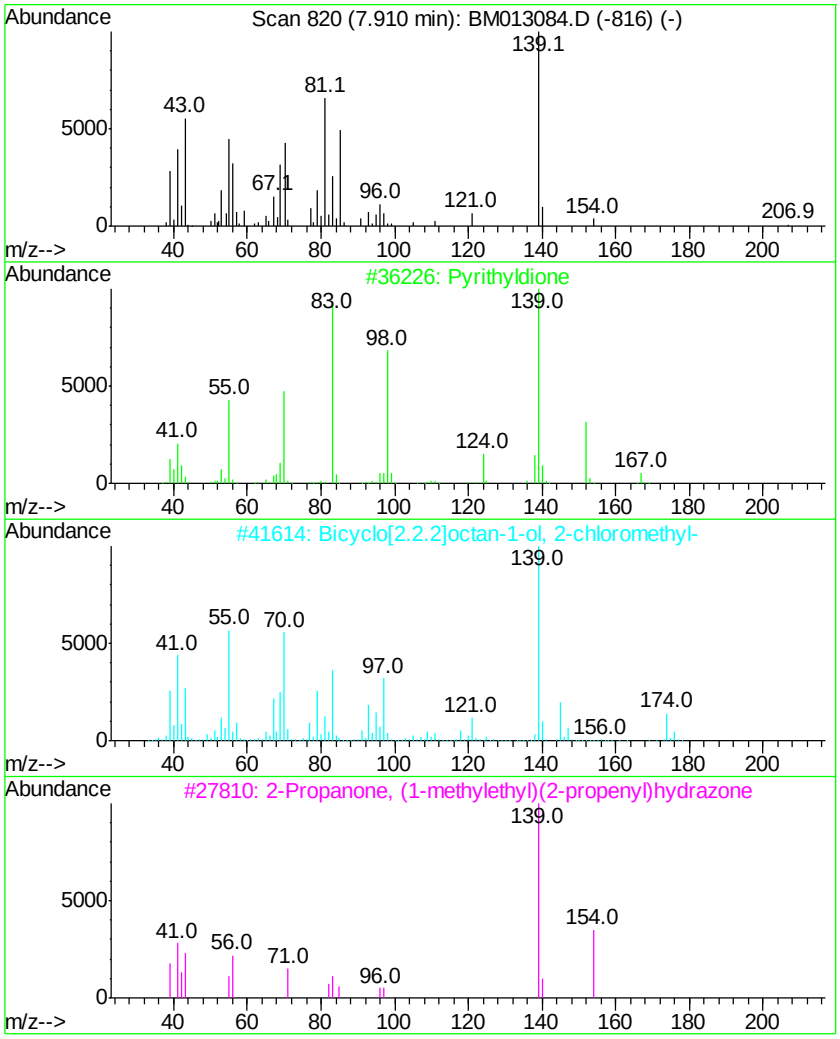
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

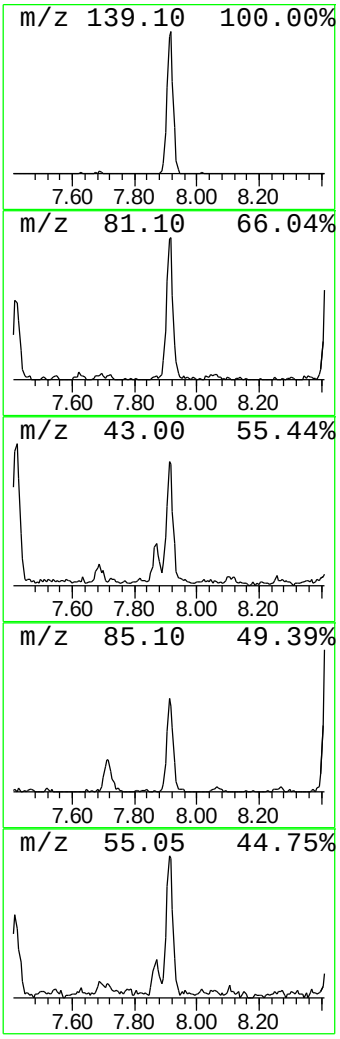
****

Peak Number 8 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	5.85 ng/ul	439851	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrithyldione	167	C9H13NO2	000077-04-3	38
2	Bicyclo[2.2.2]octan-1-ol, 2-chlo...	174	C9H15ClO	274689-99-5	38
3	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	37
4	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	37
5	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	37





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Instrument : BNA_M
ClientSampleId : BE303

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Quant Title : SVOA CALIBRATION

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

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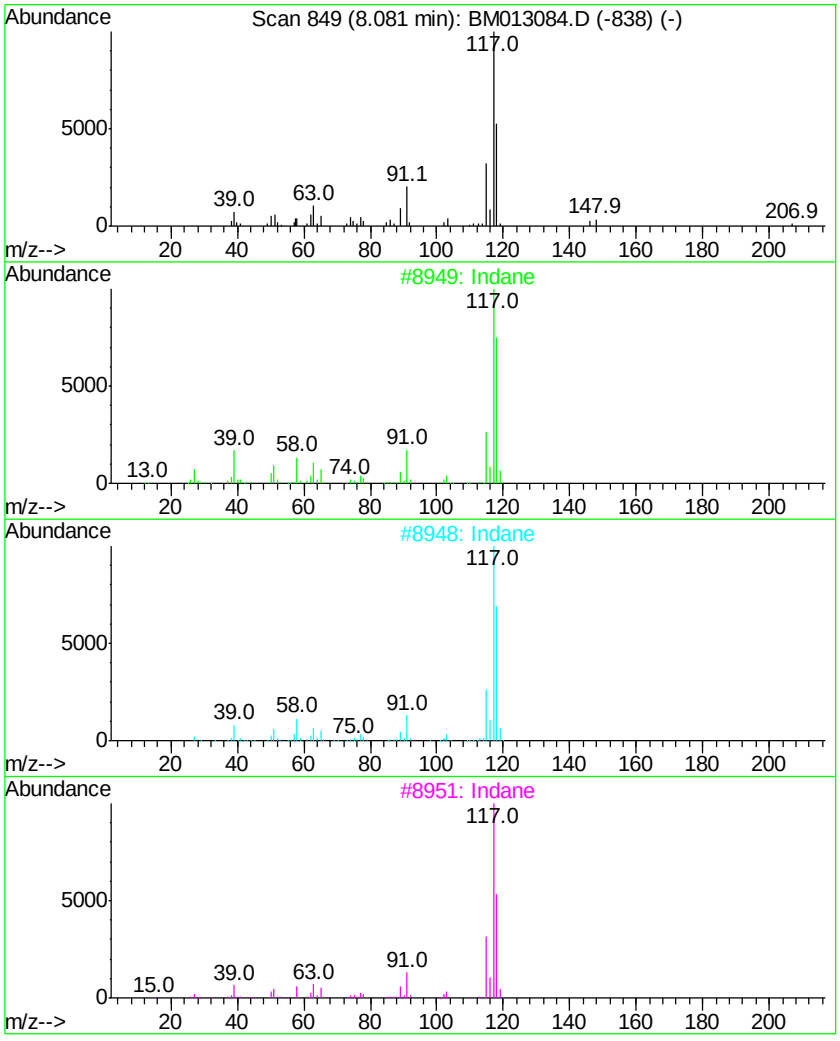
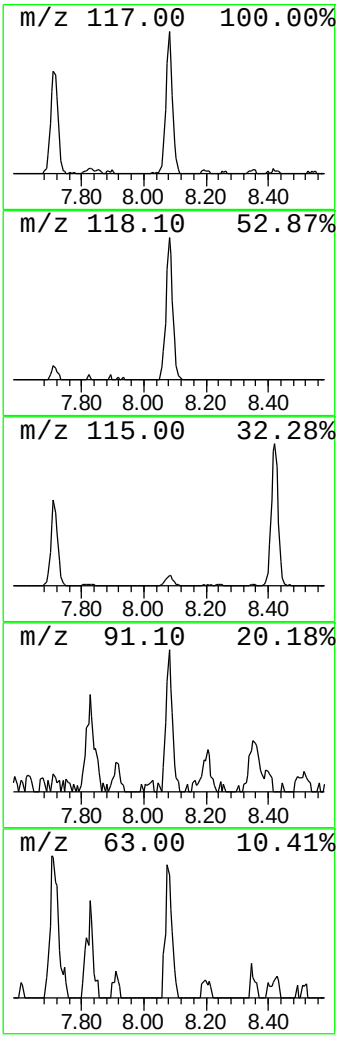
Peak Number 9 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	3.37 ng/ul	253092	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	72
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59





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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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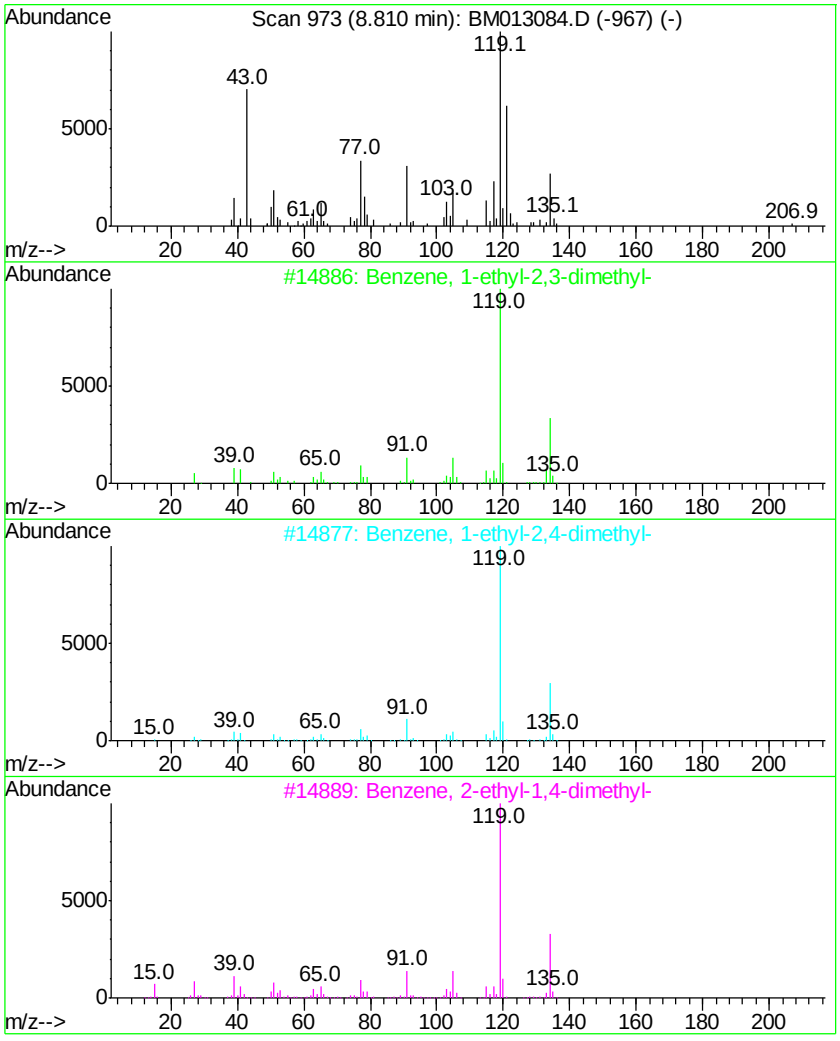
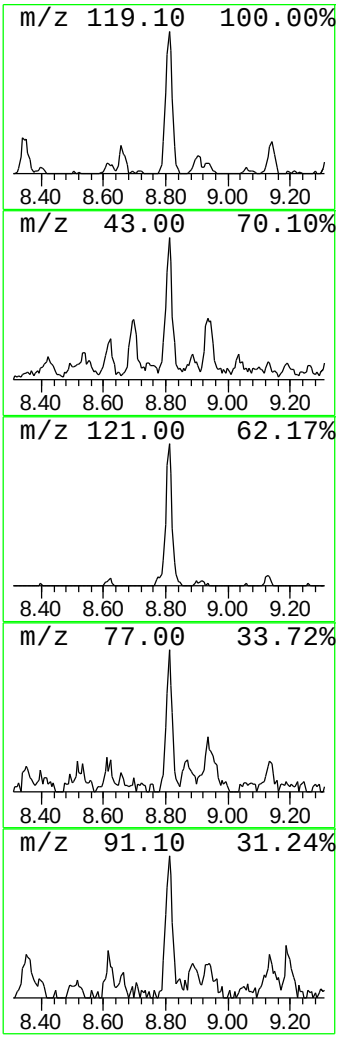
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.33 ng/ul	250461	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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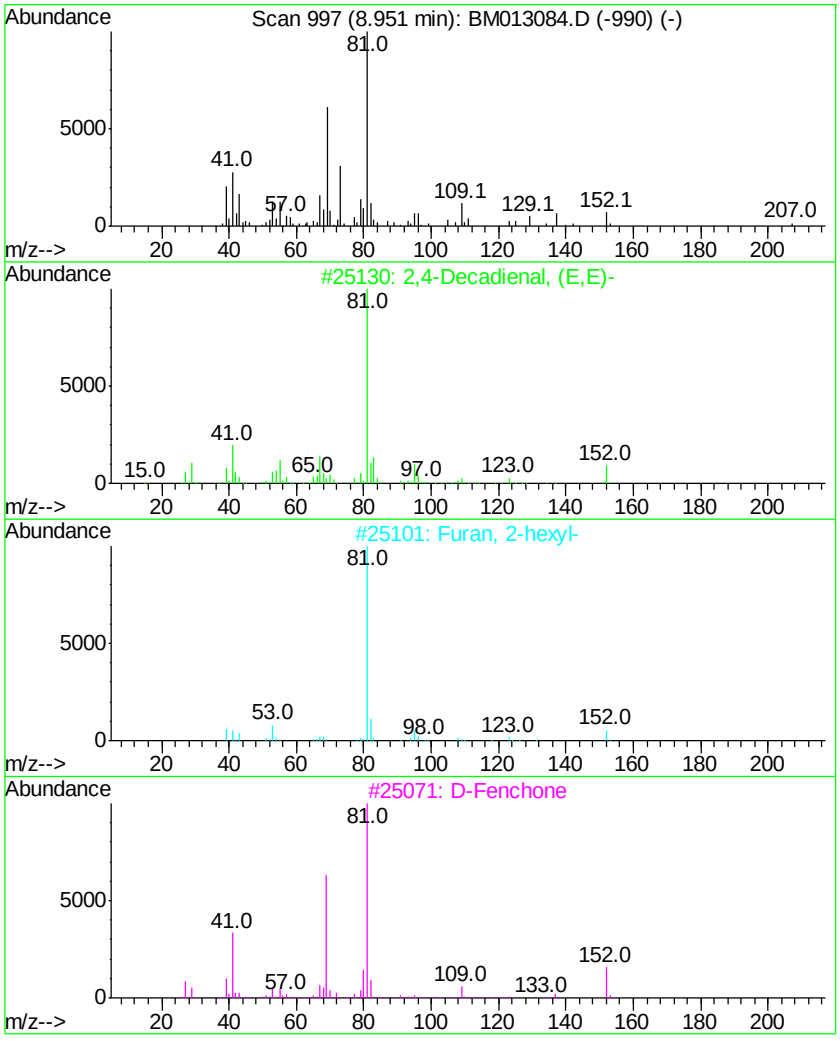
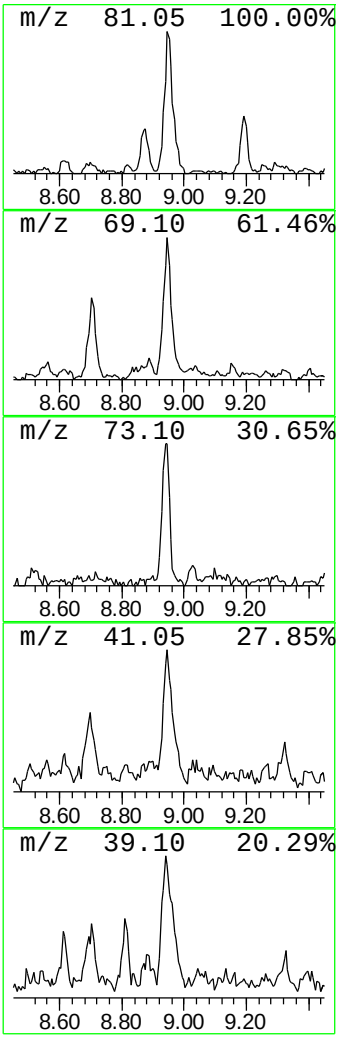
Peak Number 11 2,4-Decadienal, (E,E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	5.12 ng/ul	385093	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	58
2	Furan, 2-hexyl-	152	C10H16O	003777-70-6	52
3	D-Fenchone	152	C10H16O	004695-62-9	50
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	50
5	L-Fenchone	152	C10H16O	007787-20-4	50





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Quant Title : SVOA CALIBRATION

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

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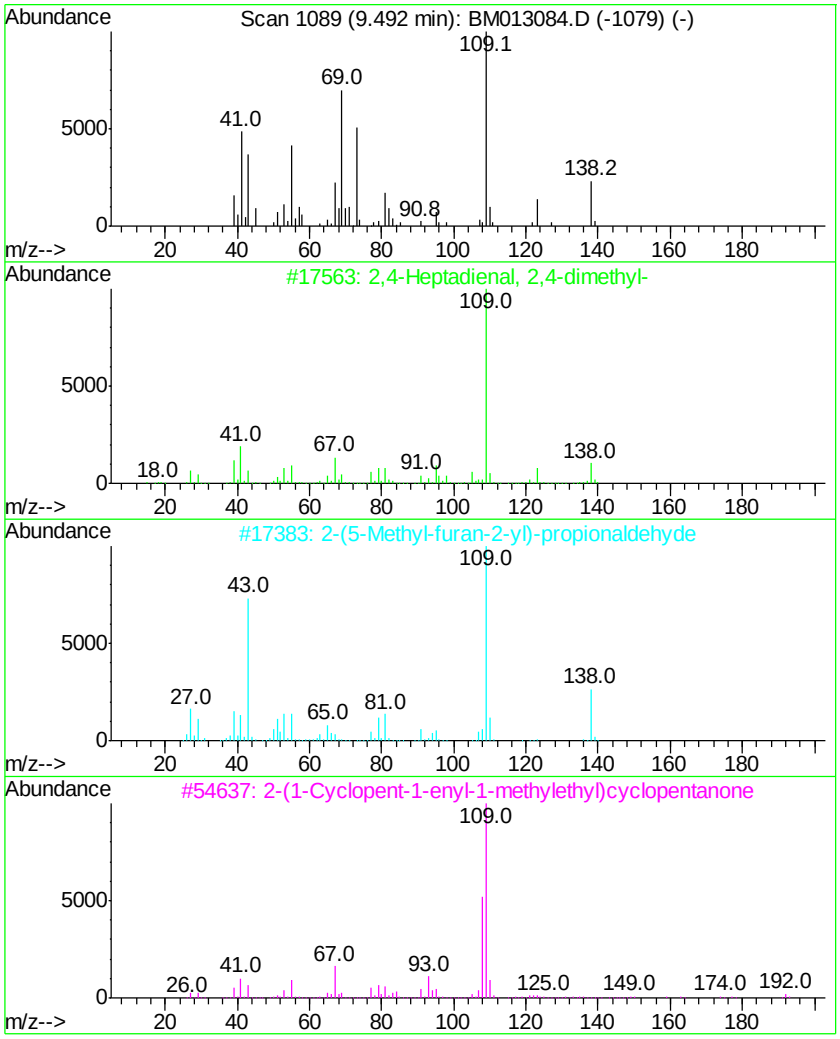
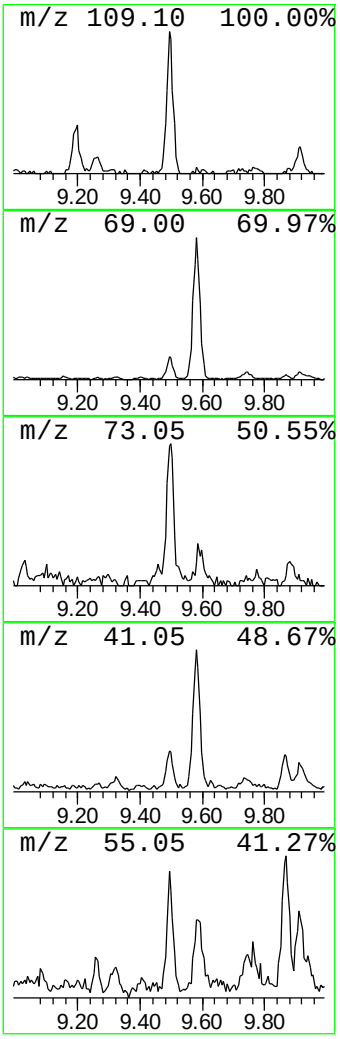
Peak Number 12 2,4-Heptadienal, 2,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.22 ng/ul	211206	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	59
2	2-(5-Methyl-furan-2-yl)-propiona...	138	C8H10O2	1000193-72-3	50
3	2-(1-Cyclopent-1-enyl-1-methylet...	192	C13H20O	1000190-57-4	50
4	Phenol, 3-amino-	109	C6H7NO	000591-27-5	49
5	1,2,5-Oxadiazole-3-carboxamide, ...	279	C12H14FN5O2	1000319-53-8	47





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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 1-Cyclohexyl-2-methyl-2-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.03 ng/ul	289204	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	83
2	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	72
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	64
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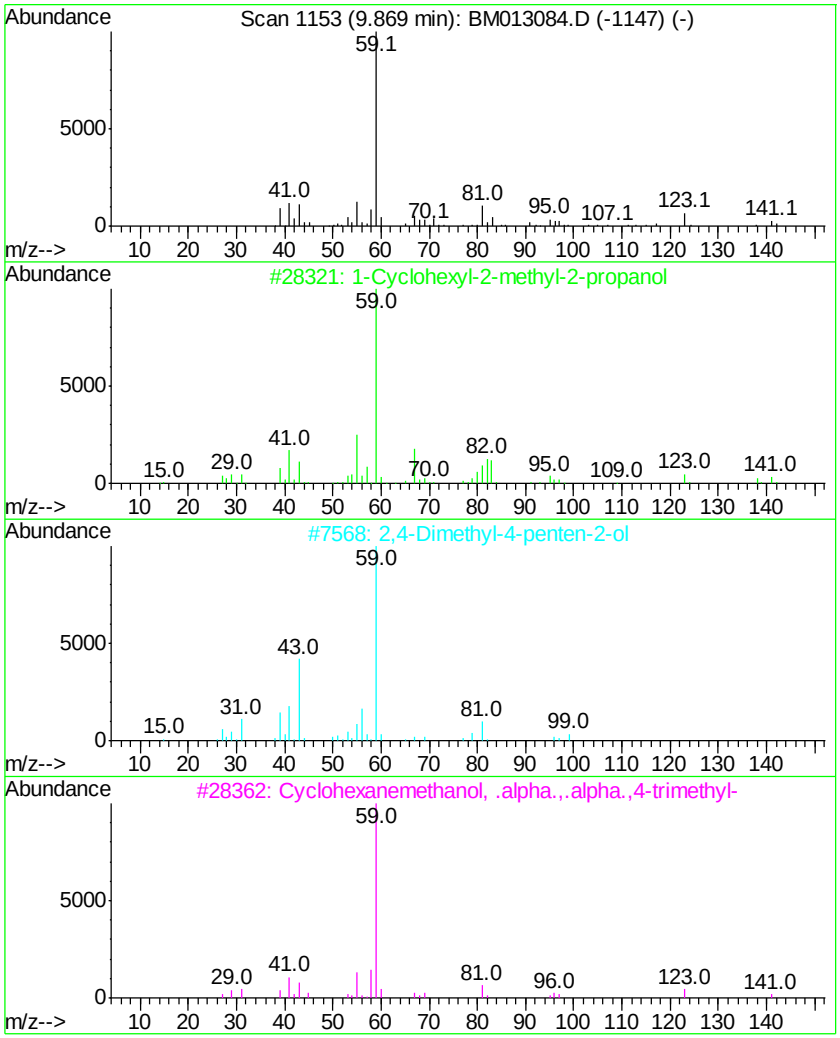

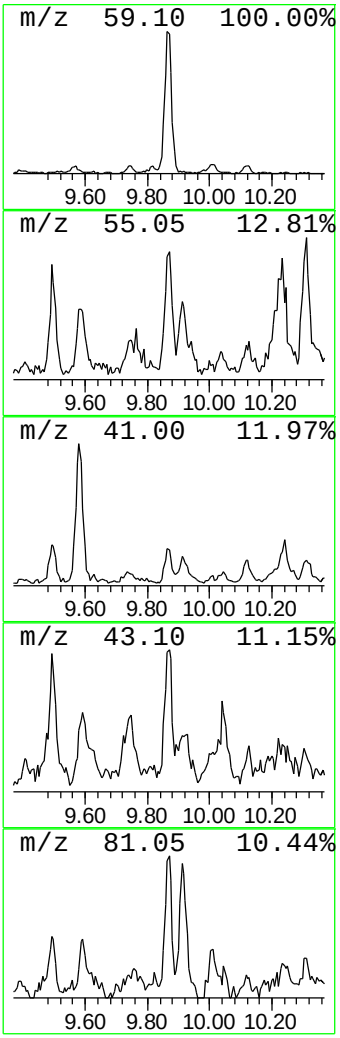

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Instrument : BNA_M
ClientSampleId : BE303

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Quant Title : SVOA CALIBRATION

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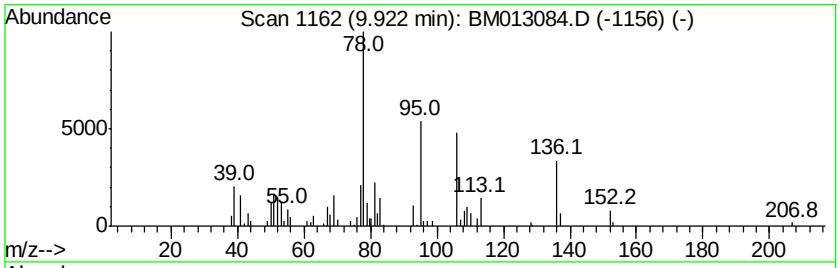
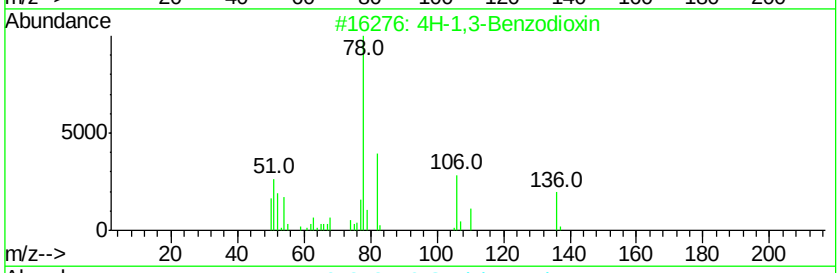
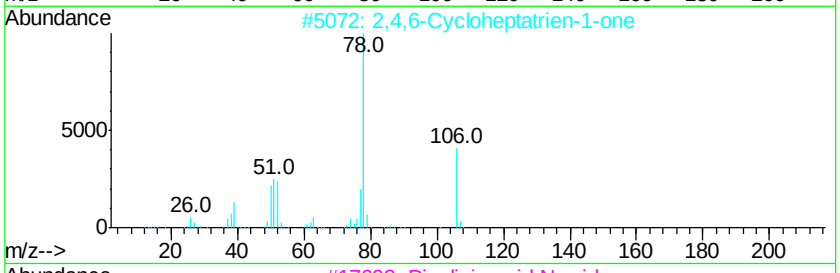
Peak Number 14 4H-1,3-Benzodioxin Concentration Rank 13

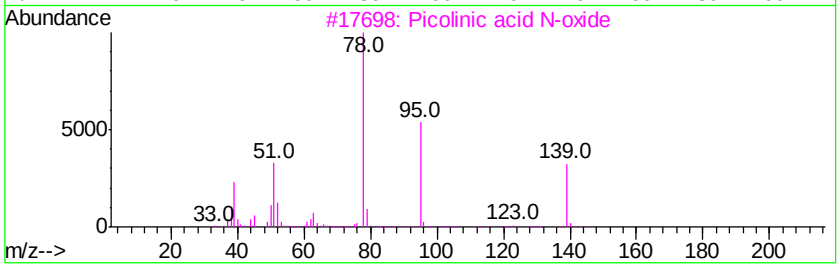
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	4.01 ng/ul	382419	Naphthalene-d8	10.49

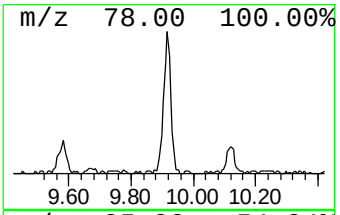
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	72
2	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	64
3	Picolinic acid N-oxide	139	C6H5NO3	000824-40-8	59
4	2-Coumaranone	134	C8H6O2	000553-86-6	58
5	2-Pyridinecarboxaldehyde, N-oxide	123	C6H5NO2	007216-40-2	56

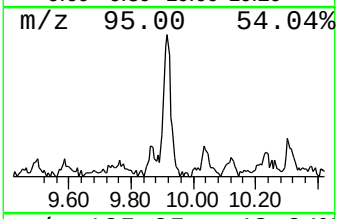


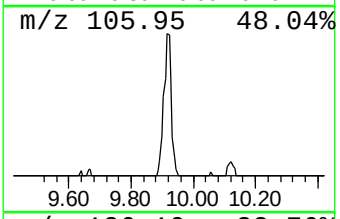


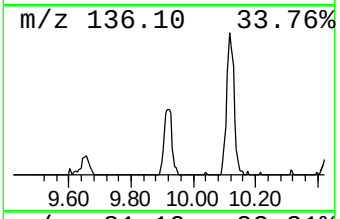


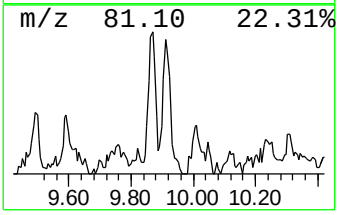












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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

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Quant Title : SVOA CALIBRATION

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

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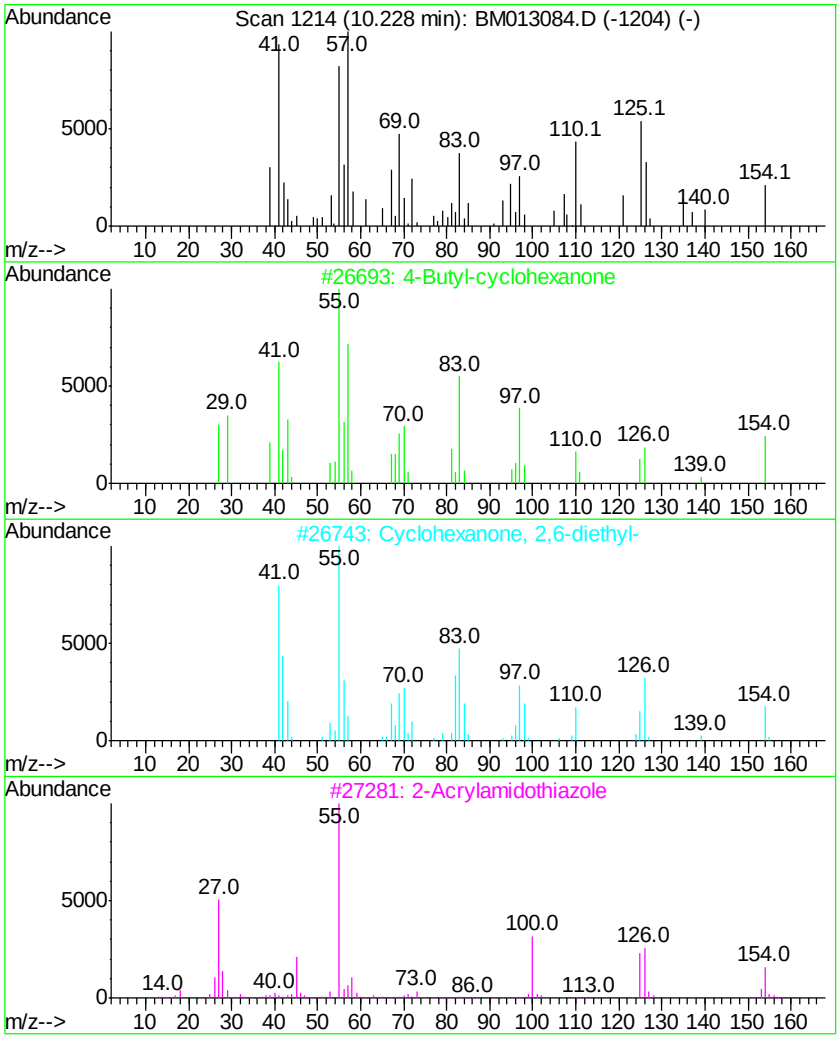
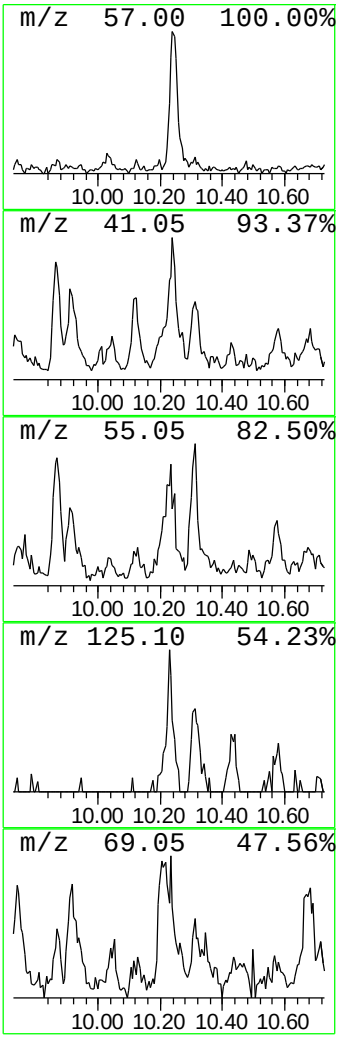
Peak Number 15 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.85 ng/ul	272189	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	30
2	Cyclohexanone, 2,6-diethyl-	154	C10H18O	016519-68-9	27
3	2-Acrylamidothiazole	154	C6H6N2OS	117158-04-0	22
4	4-Hepten-3-one, 5-ethyl-4-methyl-	154	C10H18O	022319-28-4	18
5	1-Decene, 5-methyl-	154	C11H22	054244-79-0	11





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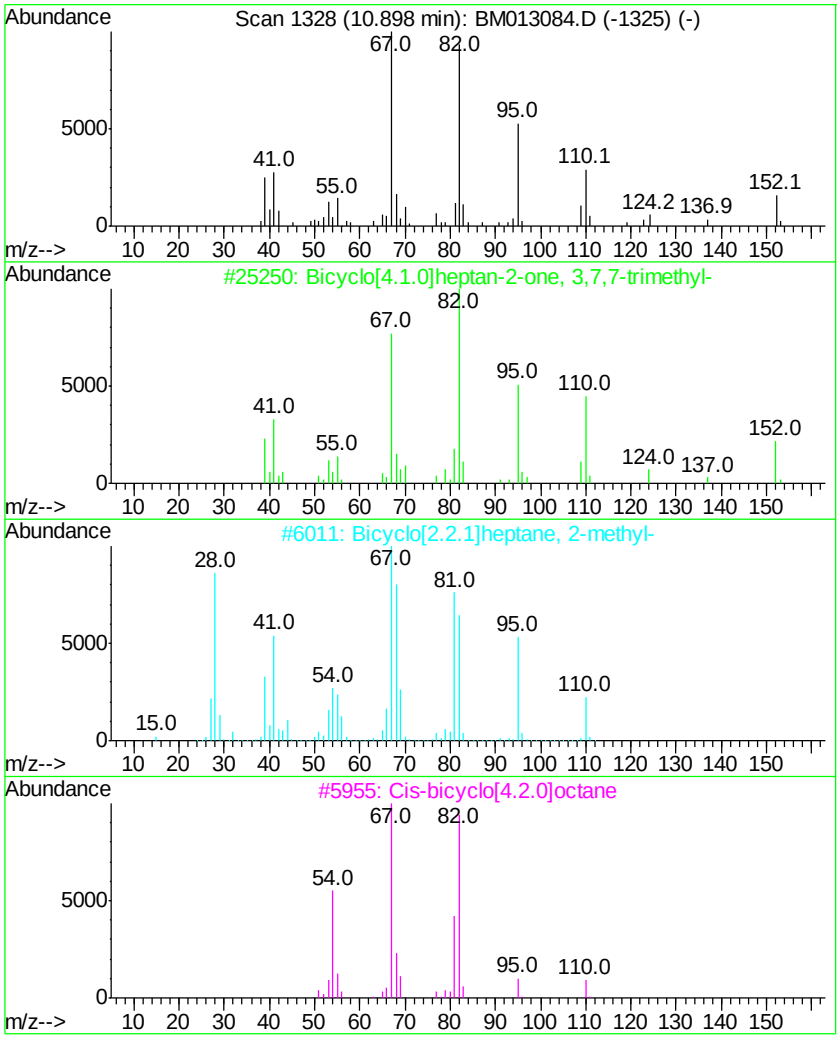
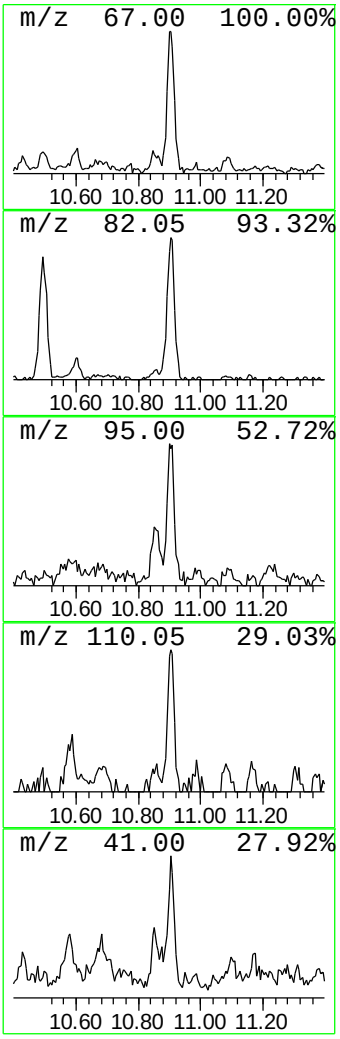
Peak Number 16 Bicyclo[4.1.0]heptan-2-one,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.20 ng/ul	210111	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	91
2	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	53
3	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	53
4	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	50
5	(Z)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-75-0	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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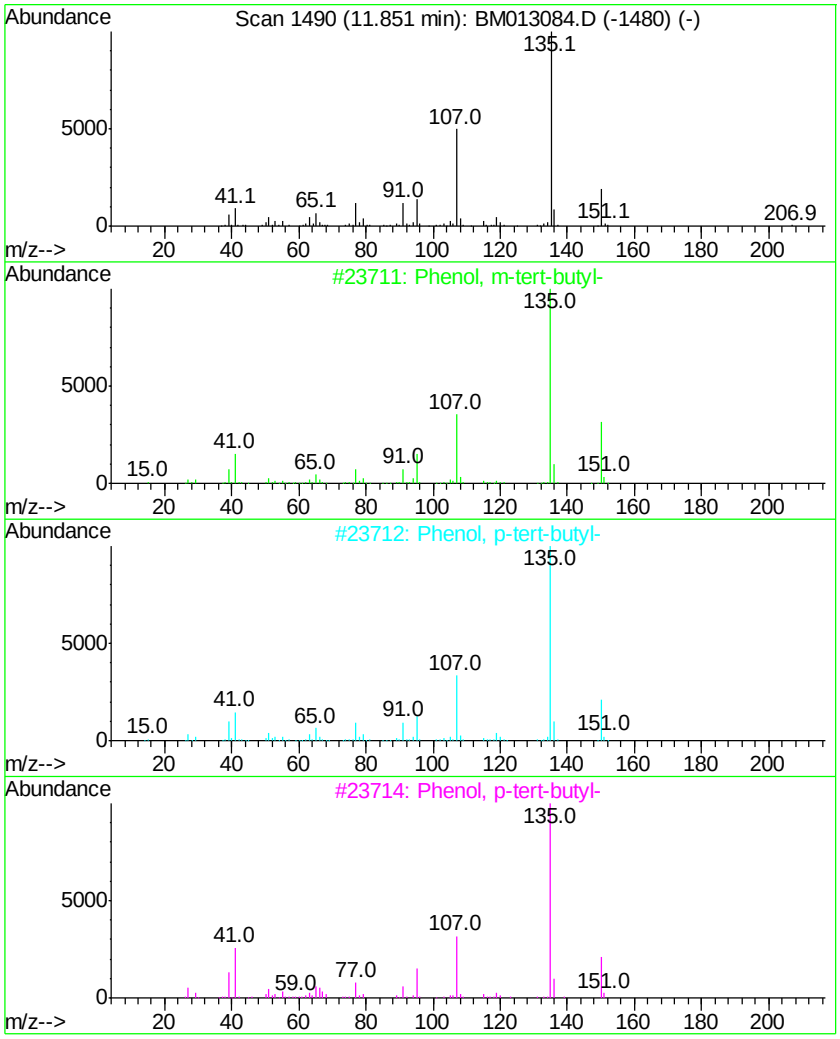
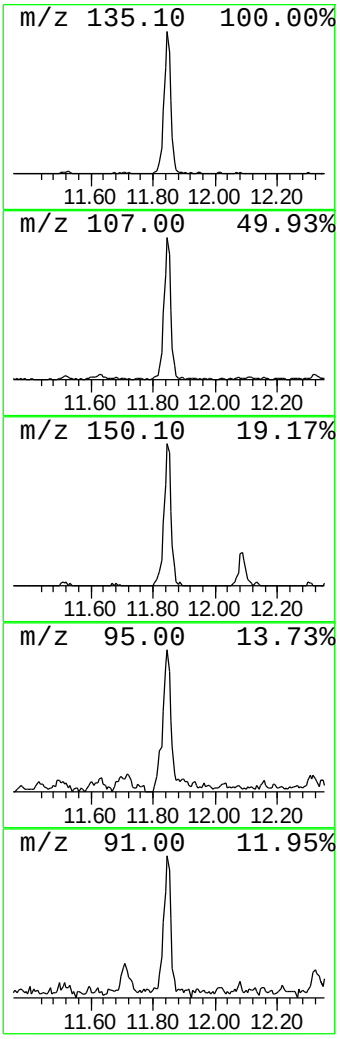
Peak Number 17 Phenol, m-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.11 ng/ul	773382	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	78
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
5	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	59





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Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

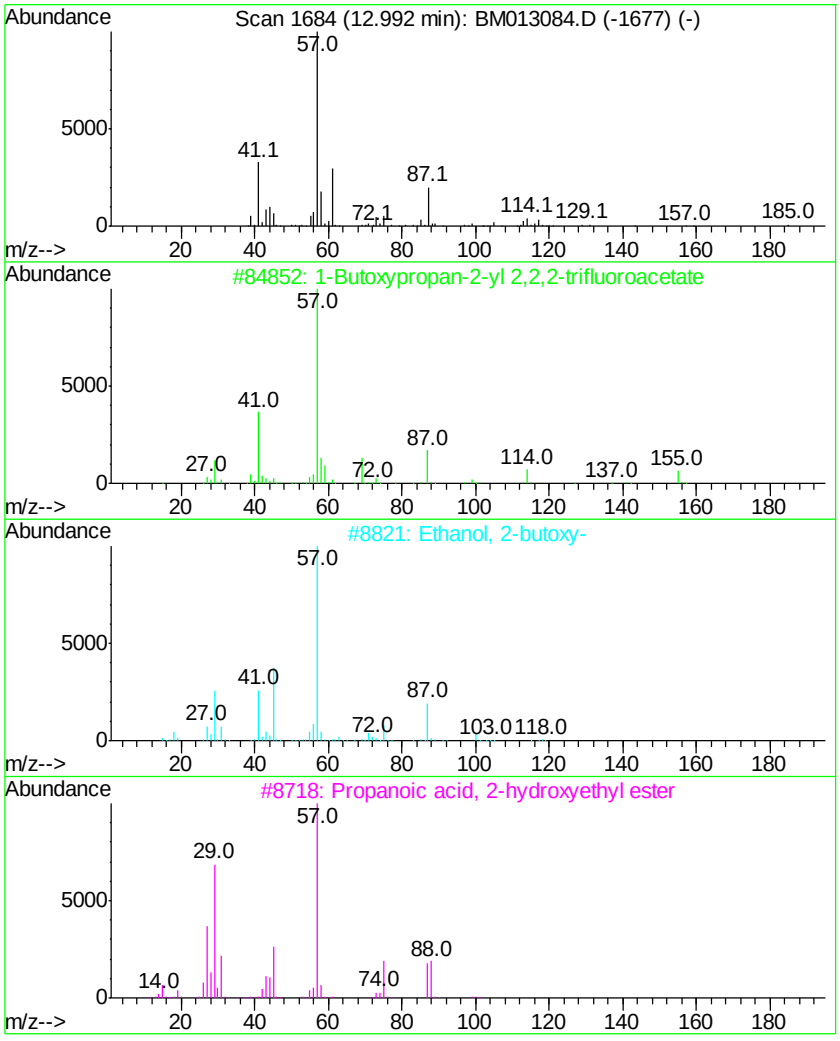
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

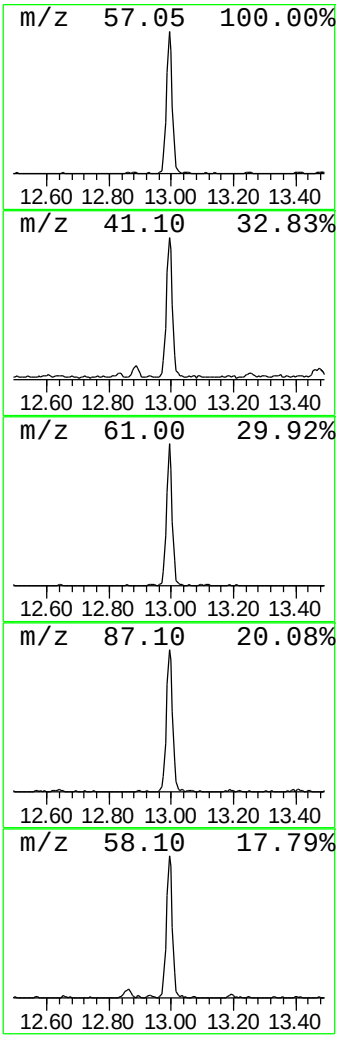
****

Peak Number 18 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	6.15 ng/ul	803857	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxypropan-2-yl 2,2,2-triflu...	228	C9H15F3O3	1000367-08-1	47
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	35
3	Propanoic acid, 2-hydroxyethyl e...	118	C5H10O3	024567-27-9	28
4	Propylene Carbonate	102	C4H6O3	000108-32-7	28
5	n-Butyl ether	130	C8H18O	000142-96-1	23





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Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

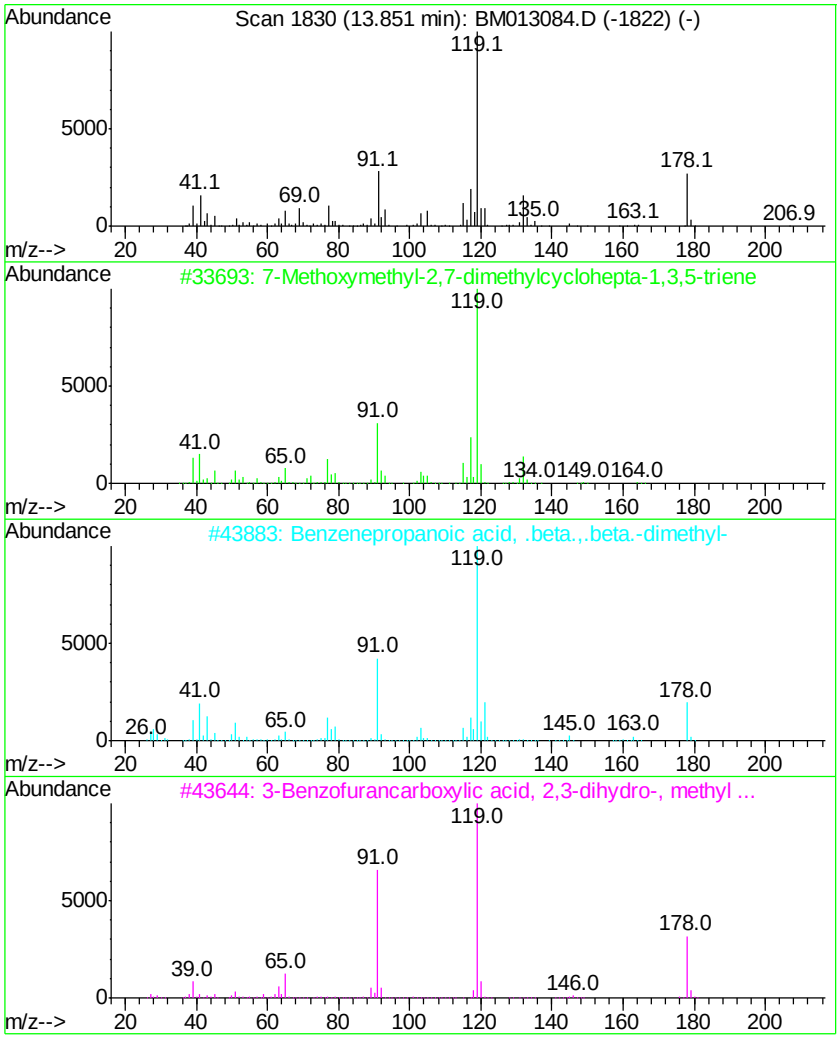
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

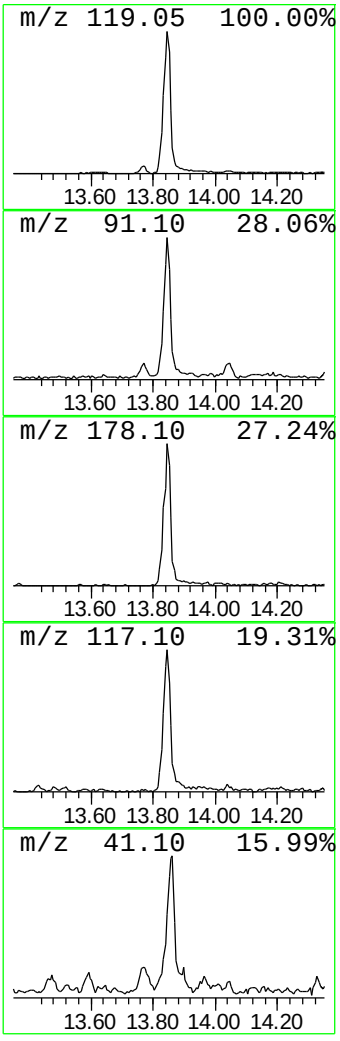
****

Peak Number 19 7-Methoxymethyl-2,7-dimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.59 ng/ul	1252230	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	72
2	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	64
3	3-Benzofurancarboxylic acid, 2,3...	178	C10H10O3	039891-56-0	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47
5	o-Cymene	134	C10H14	000527-84-4	47





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Acq On : 22 Nov 2017 14:22
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Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

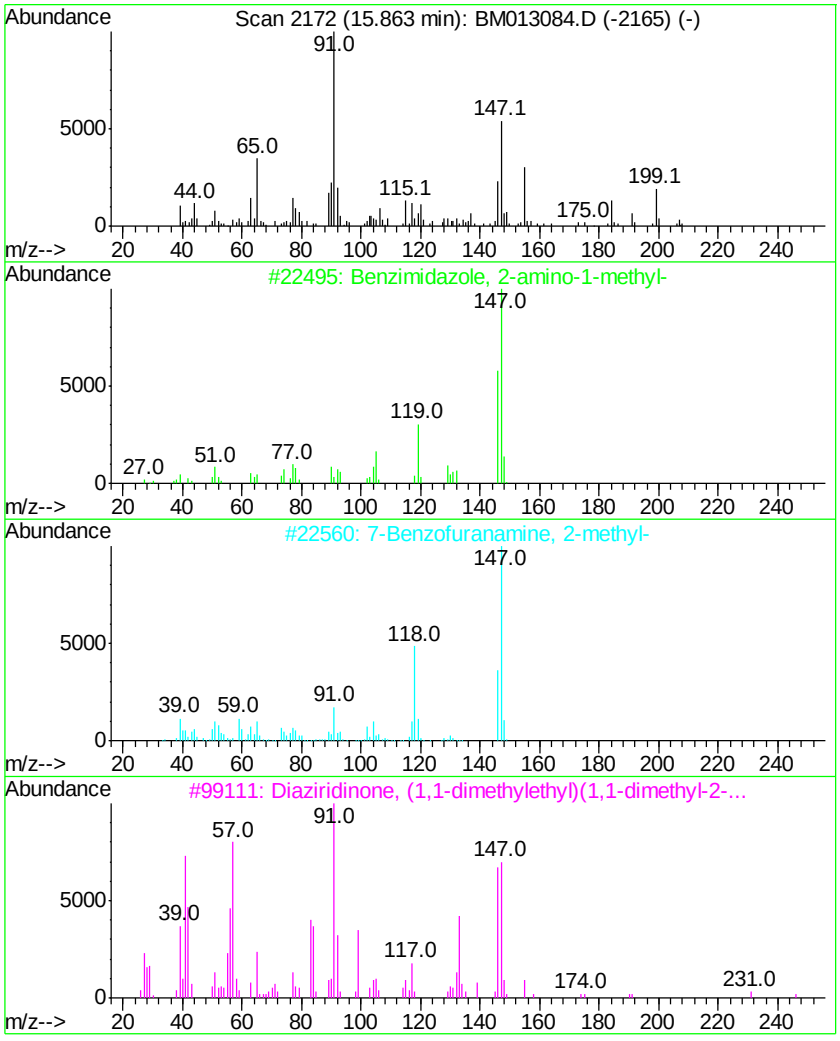
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

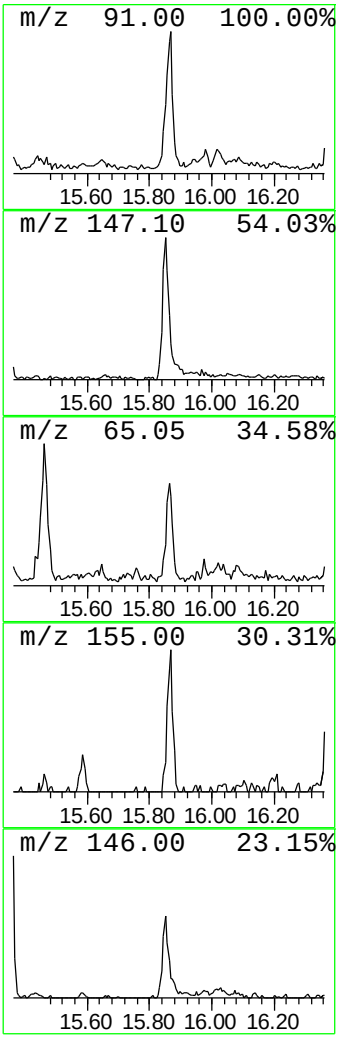
****

Peak Number 20 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.79 ng/ul	382055	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	49
2	7-Benzofuranamine, 2-methyl-	147	C9H9NO	1000327-46-4	46
3	Diaziridinone, (1,1-dimethylethy...	246	C15H22N2O	019656-67-8	46
4	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	46
5	1,3,2-Benzoxazaborole, 2-ethyl-2...	147	C8H10BNO	129363-62-8	46





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Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

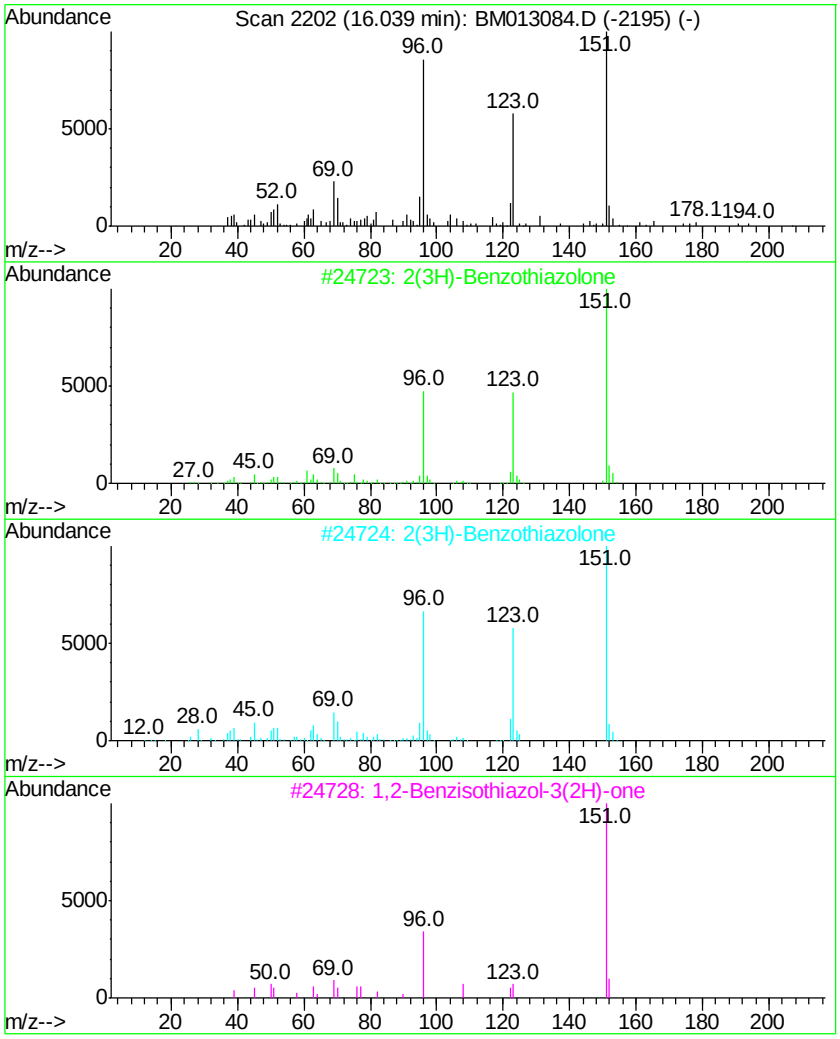
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

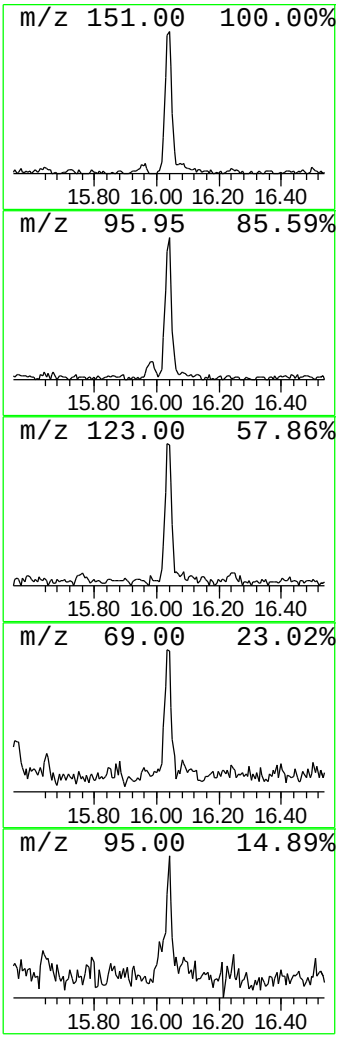
****

Peak Number 21 2(3H)-Benzothiazolone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.26 ng/ul	309852	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	87
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	87
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	64
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	46
5	6-Methyltetrazolo[1,5-c]pyrimidi...	151	C5H5N5O	144877-40-7	43





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Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

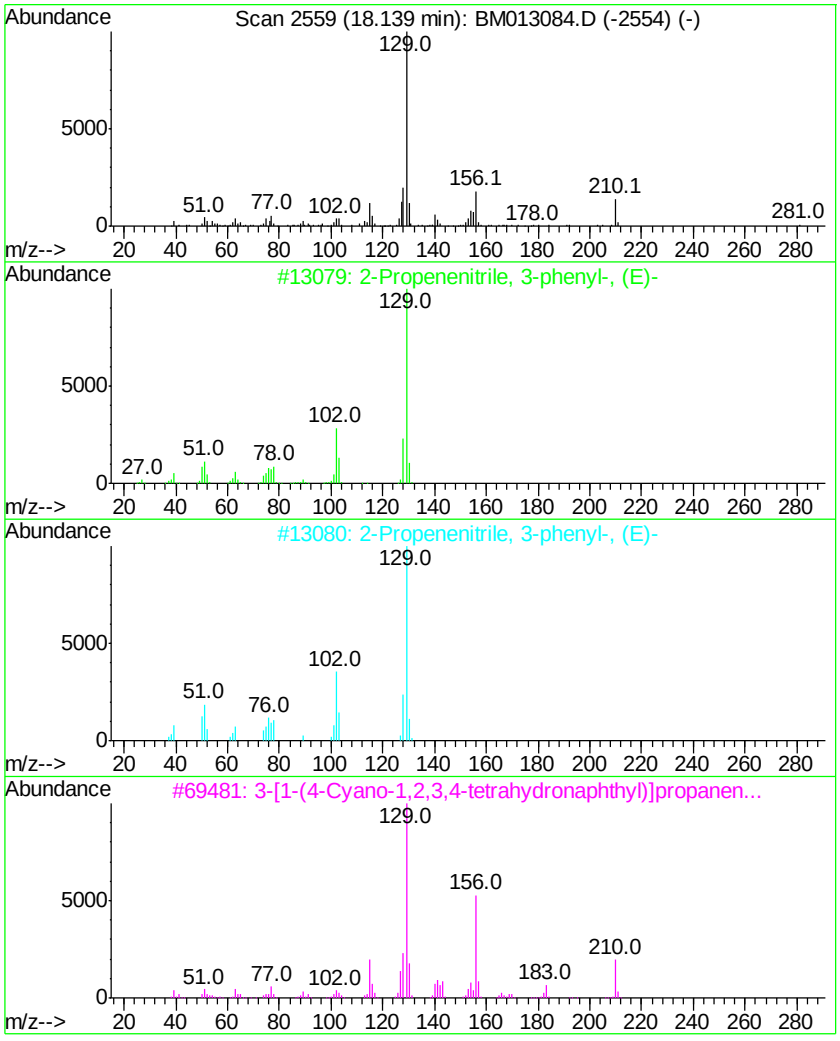
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

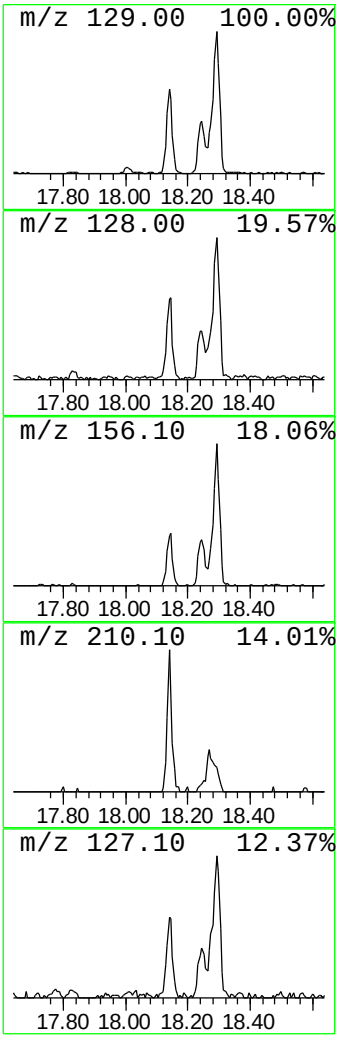
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Propenenitrile, 3-phenyl-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.99 ng/ul	409954	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	53
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	53
3	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	52
4	Quinoline	129	C9H7N	000091-22-5	50
5	Quinoline	129	C9H7N	000091-22-5	50





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Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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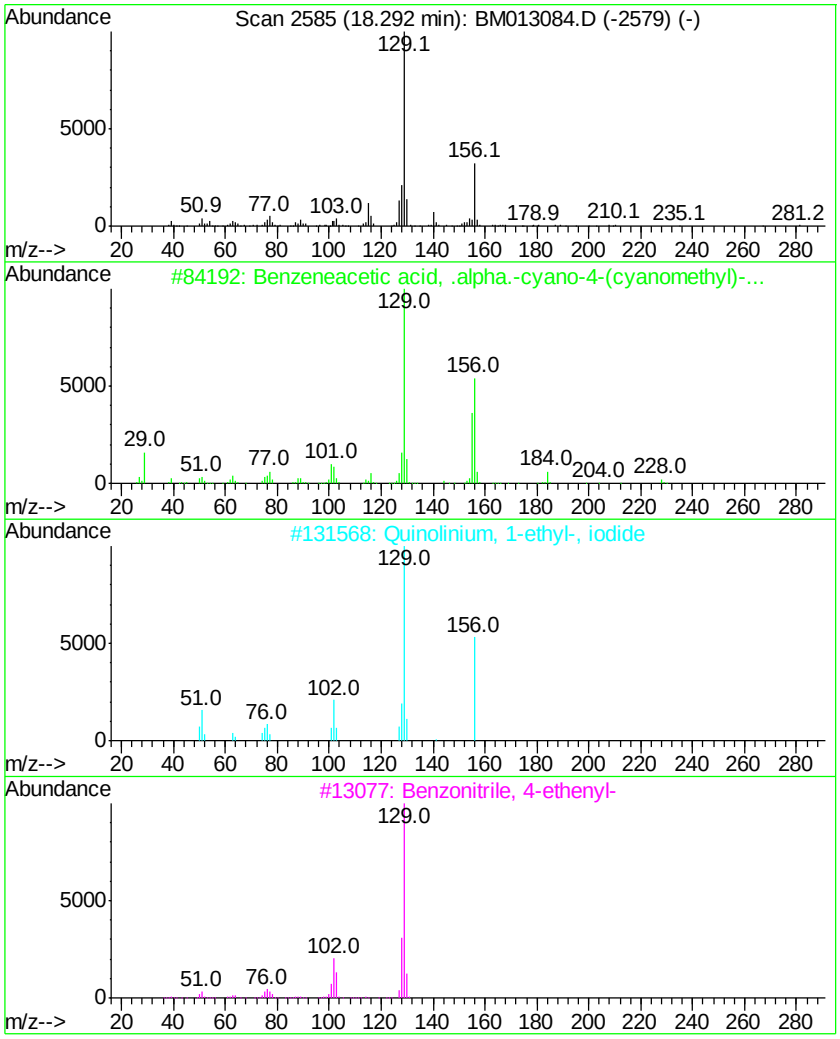
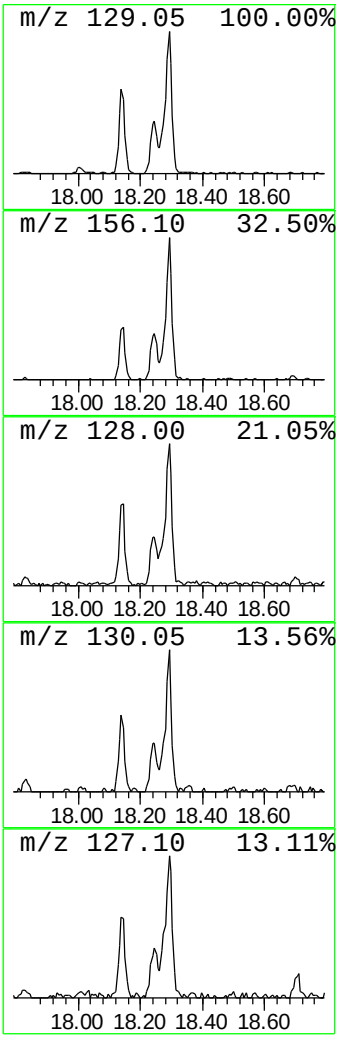
Peak Number 23 Benzeneacetic acid, .alpha.... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	4.90 ng/ul	671063	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	50
2	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	50
3	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	50
4	Isoquinoline	129	C9H7N	000119-65-3	50
5	1-Naphthalenecarbonitrile, 5,6,7...	157	C11H11N	029809-13-0	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

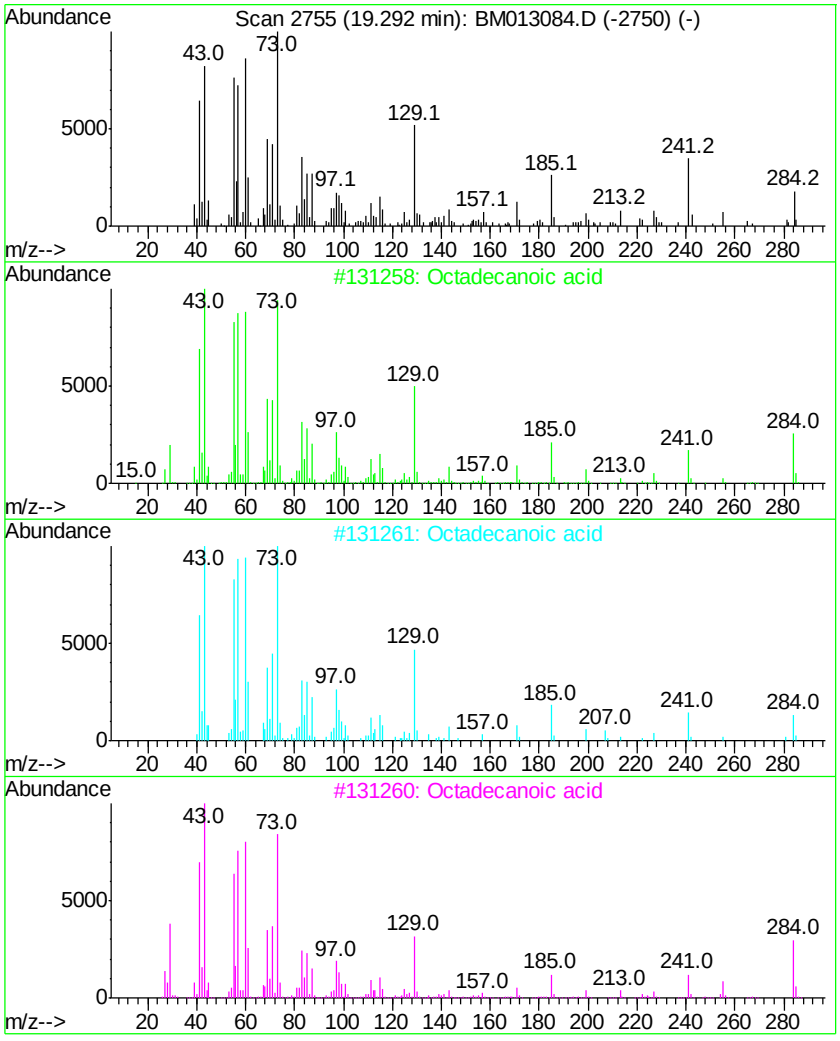
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

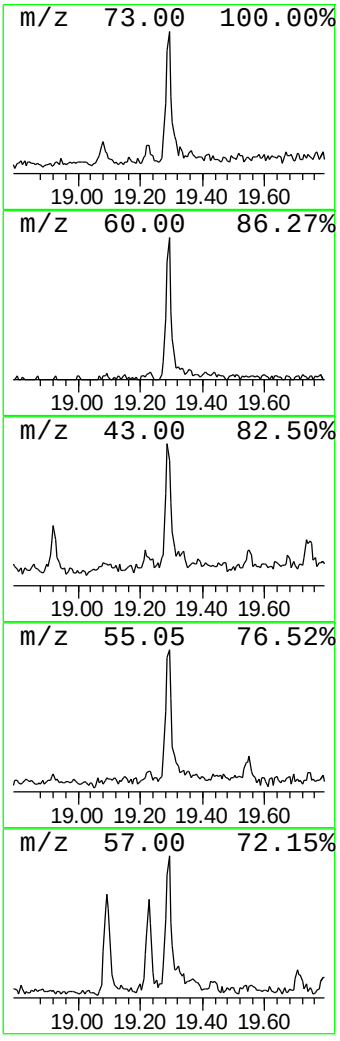
****

Peak Number 24 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.81 ng/ul	477478	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Library Search Compound Report

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Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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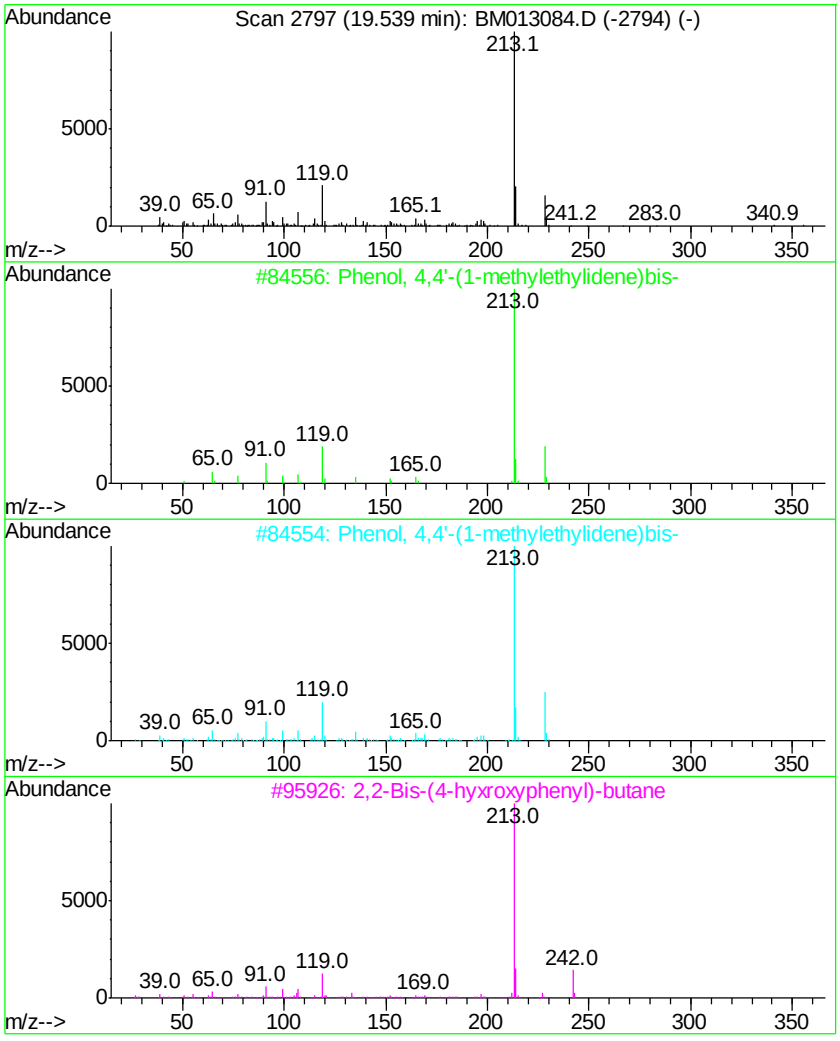
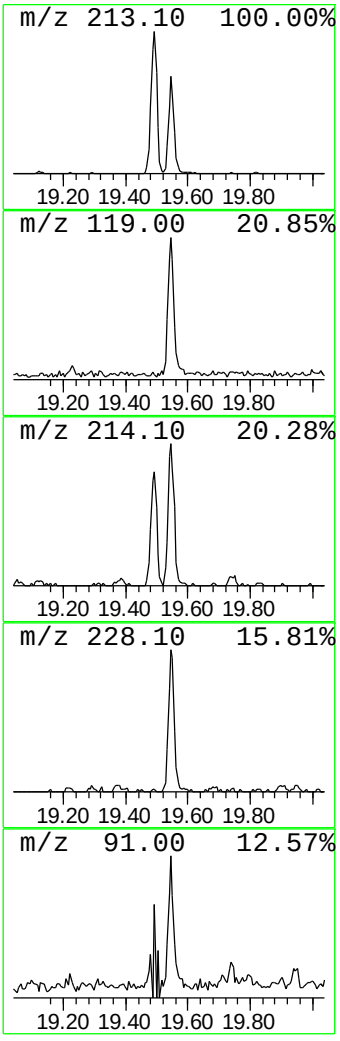
Peak Number 25 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	5.07 ng/ul	635077	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	64
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59
5	9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	53





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Sample : I6526-06
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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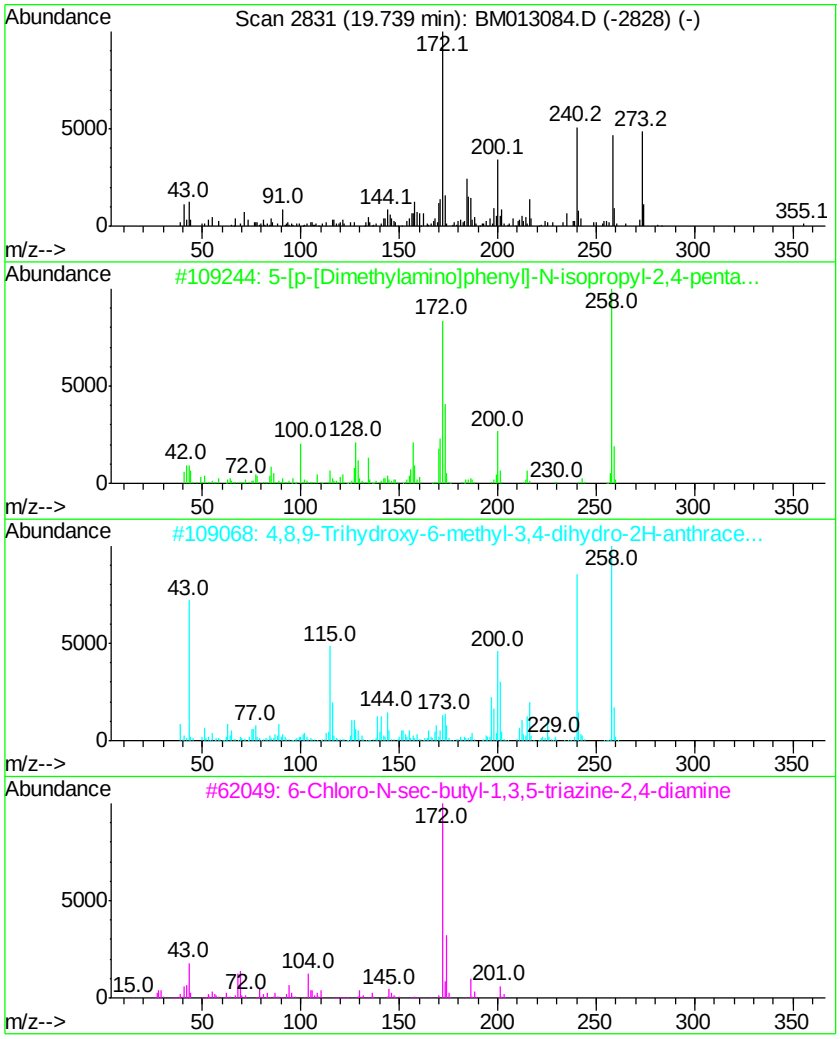
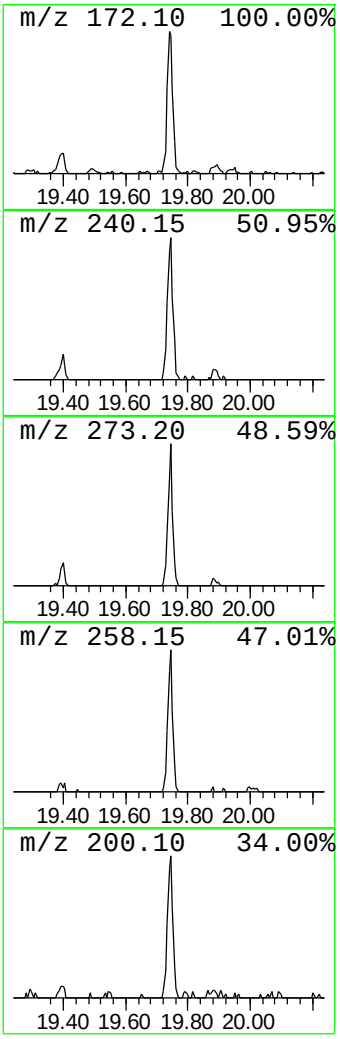
Peak Number 26 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.61 ng/ul	326462	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-[p-[Dimethylamino]phenyl]-N-is...	258	C16H22N2O	1000257-04-1	38
2	4,8,9-Trihydroxy-6-methyl-3,4-di...	258	C15H14O4	1000210-20-3	38
3	6-Chloro-N-sec-butyl-1,3,5-triaz...	201	C7H12ClN5	037019-18-4	18
4	Acetic acid, 2-[4-(4-morpholyl)-...	273	C10H15N3O4S	329071-01-4	15
5	4H-Pyrido[1,2-a]pyrimidine-3-car...	246	C13H14N2O3	016867-54-2	12





Tentatively Identified Compound (LSC) summary

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Data File : BM013084.D
Acq On : 22 Nov 2017 14:22
Operator : SJ/JU
Sample : I6526-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE303

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
Benzene, 1,3-dime...	5.38	7.8	ng/ul	587985	1	7.71	1503720	20.0
(DEL) Alkane: Cyc...	5.46	2.5	ng/ul	186338	1	7.71	1503720	20.0
3-Heptanone, 5-me...	6.39	5.7	ng/ul	427638	1	7.71	1503720	20.0
unknown-01	7.42	6.2	ng/ul	462706	1	7.71	1503720	20.0
Benzene, 1,2,3-tr...	7.82	2.4	ng/ul	182454	1	7.71	1503720	20.0
unknown-02	7.91	5.8	ng/ul	439851	1	7.71	1503720	20.0
Indane	8.08	3.4	ng/ul	253092	1	7.71	1503720	20.0
Benzene, 1-ethyl-...	8.81	3.3	ng/ul	250461	1	7.71	1503720	20.0
2,4-Decadienal, (...	8.95	5.1	ng/ul	385093	1	7.71	1503720	20.0
2,4-Heptadienal, ...	9.49	2.2	ng/ul	211206	2	10.49	1906860	20.0
1-Cyclohexyl-2-me...	9.87	3.0	ng/ul	289204	2	10.49	1906860	20.0
4H-1,3-Benzodioxin	9.92	4.0	ng/ul	382419	2	10.49	1906860	20.0
unknown-03	10.23	2.9	ng/ul	272189	2	10.49	1906860	20.0
Bicyclo[4.1.0]hep...	10.90	2.2	ng/ul	210111	2	10.49	1906860	20.0
Phenol, m-tert-bu...	11.85	8.1	ng/ul	773382	2	10.49	1906860	20.0
unknown-04	12.99	6.2	ng/ul	803857	3	14.35	2612760	20.0
7-Methoxymethyl-2...	13.85	9.6	ng/ul	1252230	3	14.35	2612760	20.0
unknown-05	15.86	2.8	ng/ul	382055	4	17.10	2738680	20.0
2(3H)-Benzothiazo...	16.04	2.3	ng/ul	309852	4	17.10	2738680	20.0
2-Propenenitrile,...	18.14	3.0	ng/ul	409954	4	17.10	2738680	20.0
Benzeneacetic aci...	18.29	4.9	ng/ul	671063	4	17.10	2738680	20.0
Octadecanoic acid	19.29	3.8	ng/ul	477478	5	21.28	2504590	20.0
Phenol, 4,4'-(1-m...	19.54	5.1	ng/ul	635077	5	21.28	2504590	20.0
unknown-06	19.74	2.6	ng/ul	326462	5	21.28	2504590	20.0