LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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	5.069	328	337	344	rBV	2220472	3200632	100.00%	6.264%
2	5.257	362	369	378	rVV	1414210	1977569	61.79%	3.870%
3	5.387	384	391	400	rBV	1682039	2657734	83.04%	5.202%
4	5.463	400	404	409	rVB2	63663	91404	2.86%	0.179%
5	5.751	446	453	462	rVV	670198	980474	30.63%	1.919%
6	6.222	524	533	539	rBV	506002	765660	23.92%	1.499%
7	6.398	558	563	568	rBV	141600	205928	6.43%	0.403%
8	6.704	605	615	625	rBV	244302	419748	13.11%	0.822%
9	6.886	642	646	652	rVV4	49482	109735	3.43%	0.215%
10	6.945	652	656	661	rVV2	88895	137681	4.30%	0.269%
11	7.057	670	675	679	rVV	125054	191910	6.00%	0.376%
12	7.110	679	684	688	rVV	165720	259788	8.12%	0.508%
13	7.257	703	709	717	rBV2	176196	462379	14.45%	0.905%
14	7.369	722	728	733	rVV	587857	883155	27.59%	1.729%
15	7.422	733	737	742	rVV3	70402	110991	3.47%	0.217%
16	7.604	761	768	777	rBV6	46347	113818	3.56%	0.223%
17	7.716	778	787	798	rVV	662120	1160085	36.25%	2.271%
18	7.828	801	806	816	rVV	274933	459323	14.35%	0.899%
19	7.916	816	821	826	rVB2	109138	164962	5.15%	0.323%
20	8.086	842	850	855	rBV2	114756	212321	6.63%	0.416%
21	8.145	855	860	865	rVB2	72331	115113	3.60%	0.225%
22	8.204	865	870	875	rBV	146319	226479	7.08%	0.443%
23	8.345	885	894	901	rBV4	93294	242412	7.57%	0.474%
24	8.416	901	906	913	rVB2	120648	198144	6.19%	0.388%
25	8.816	968	974	978	rBV2	101509	168735	5.27%	0.330%
26	8.869	978	983	991	rVV2	160831	351931	11.00%	0.689%
27	8.945	991	996	1004	rVV4	133475	253645	7.92%	0.496%
28	9.033	1006	1011	1017	rBV	167769	249956	7.81%	0.489%
29	9.333	1058	1062	1068	rVV2	72639	113468	3.55%	0.222%
30	9.392	1068	1072	1079	rVB3	55604	93733	2.93%	0.183%
31	9.498	1084	1090	1098	rVV3	65481	117330	3.67%	0.230%
32	9.580	1098	1104	1117	rVV5	133690	272777	8.52%	0.534%
33	9.745	1128	1132	1137	rBV3	53376	94509	2.95%	0.185%
34	9.875	1149	1154	1156	rBV	94894	157808	4.93%	0.309%

LSC Area Percent Report

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Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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	9.916	1156	1161	1168	rVV4	214616	420837	13.15%	0.824%
36	9.980	1168	1172	1177	rVB	91467	137586	4.30%	0.269%
37	10.122	1189	1196	1203	rBV2	204980	368444	11.51%	0.721%
38	10.498	1253	1260	1265	rBV	812696	1342263	41.94%	2.627%
39	10.545	1265	1268	1279	rVV	169112	302423	9.45%	0.592%
40	10.669	1281	1289	1294	rVB9	37725	83464	2.61%	0.163%
41	10.904	1325	1329	1336	rVB4	75592	148677	4.65%	0.291%
42	11.086	1355	1360	1368	rBV5	50028	100406	3.14%	0.197%
43	11.192	1371	1378	1382	rBV2	124654	215356	6.73%	0.421%
44	11.522	1428	1434	1439	rVB5	40551	80850	2.53%	0.158%
45	11.845	1480	1489	1498	rBV	723902	1248825	39.02%	2.444%
46	12.269	1554	1561	1565	rBV2	62148	110781	3.46%	0.217%
47	12.327	1565	1571	1575	rVV6	39466	89950	2.81%	0.176%
48	12.610	1615	1619	1628	rVB3	76883	143769	4.49%	0.281%
49	12.851	1653	1660	1663	rBV6	74034	178885	5.59%	0.350%
50	12.886	1663	1666	1671	rVV	225810	296868	9.28%	0.581%
51	13.410	1749	1755	1762	rVB2	164913	259026	8.09%	0.507%
52	13.768	1812	1816	1823	rVV	442781	686353	21.44%	1.343%
53	13.851	1823	1830	1836	rVV	1038368	1700525	53.13%	3.328%
54	13.904	1836	1839	1845	rVB	113802	161050	5.03%	0.315%
55	14.045	1858	1863	1871	rVB	437062	643953	20.12%	1.260%
56	14.139	1871	1879	1885	rBV3	67842	156266	4.88%	0.306%
57	14.357	1909	1916	1920	rVV2	1172396	1841633	57.54%	3.604%
58	14.398	1920	1923	1930	rVB2	276867	399311	12.48%	0.782%
59	14.957	2014	2018	2028	rVB10	49038	100518	3.14%	0.197%
60	15.104	2038	2043	2046	rBV2	53465	86163	2.69%	0.169%
61	15.257	2064	2069	2075	rVB2	90670	134003	4.19%	0.262%
62	15.351	2080	2085	2093	rVB2	595251	1118133	34.93%	2.188%
63	15.462	2097	2104	2110	rBV5	155224	266795	8.34%	0.522%
64	15.621	2123	2131	2142	rVB	823712	1268630	39.64%	2.483%
65	15.774	2151	2157	2162	rBV5	94141	149606	4.67%	0.293%
66	15.857	2166	2171	2180	rVV5	167682	330746	10.33%	0.647%
67	15.980	2187	2192	2195	rBV5	58145	87809	2.74%	0.172%
68	16.033	2195	2201	2206	rVV2	179197	327163	10.22%	0.640%
69	16.080	2206	2209	2217	rVB3	66036	122184	3.82%	0.239%
70	16.415	2261	2266	2272	rVV	755285	1052719	32.89%	2.060%
71	16.574	2288	2293	2298	rBV	128723	181527	5.67%	0.355%

LSC Area Percent Report

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Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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	16.627	2298	2302	2309	rVB8	60237	105986	3.31%	0.207%
73	16.839	2333	2338	2345	rVB4	134269	280451	8.76%	0.549%
74	17.068	2370	2377	2380	rVV	1678008	2394677	74.82%	4.687%
75	17.103	2380	2383	2389	rVV	1540168	2020930	63.14%	3.955%
76	17.198	2393	2399	2404	rVV2	654321	910799	28.46%	1.783%
77	17.274	2409	2412	2420	rVV4	90062	168142	5.25%	0.329%
78	17.721	2483	2488	2492	rBV2	58454	81038	2.53%	0.159%
79	17.774	2492	2497	2501	rBV	136310	193307	6.04%	0.378%
80	18.068	2542	2547	2554	rVB	107689	169813	5.31%	0.332%
81	18.145	2554	2560	2566	rVB	235543	345442	10.79%	0.676%
82	18.245	2570	2577	2580	rBV2	237759	414527	12.95%	0.811%
83	18.292	2580	2585	2593	rVB	301425	579093	18.09%	1.133%
84	18.698	2649	2654	2660	rBV5	53373	93435	2.92%	0.183%
85	18.833	2673	2677	2682	rBV	85117	100234	3.13%	0.196%
86	19.003	2703	2706	2711	rVB2	133681	188657	5.89%	0.369%
87	19.109	2720	2724	2728	rVV2	64083	88484	2.76%	0.173%
88	19.221	2739	2743	2749	rVB4	102781	168329	5.26%	0.329%
89	19.492	2784	2789	2794	rBV	751974	1012153	31.62%	1.981%
90	19.544	2794	2798	2805	rVV	480277	620936	19.40%	1.215%
91	19.909	2854	2860	2863	rBV5	70291	108568	3.39%	0.212%
92	20.003	2872	2876	2878	rBV4	113154	165190	5.16%	0.323%
93	20.103	2889	2893	2898	rVB3	77430	113681	3.55%	0.222%
94	20.227	2911	2914	2918	rVB2	78012	93885	2.93%	0.184%
95	20.544	2964	2968	2971	rBV4	72454	97463	3.05%	0.191%
96	21.203	3077	3080	3086	rBV6	124637	157622	4.92%	0.308%
97	21.286	3089	3094	3100	rBV	2277171	2800803	87.51%	5.482%
98	21.409	3111	3115	3121	rBV	235760	313294	9.79%	0.613%
99	23.374	3443	3449	3457	rVB2	589320	1067306	33.35%	2.089%
100	23.521	3467	3474	3481	rVB	1399287	2674378	83.56%	5.234%

Sum of corrected areas: 51093457

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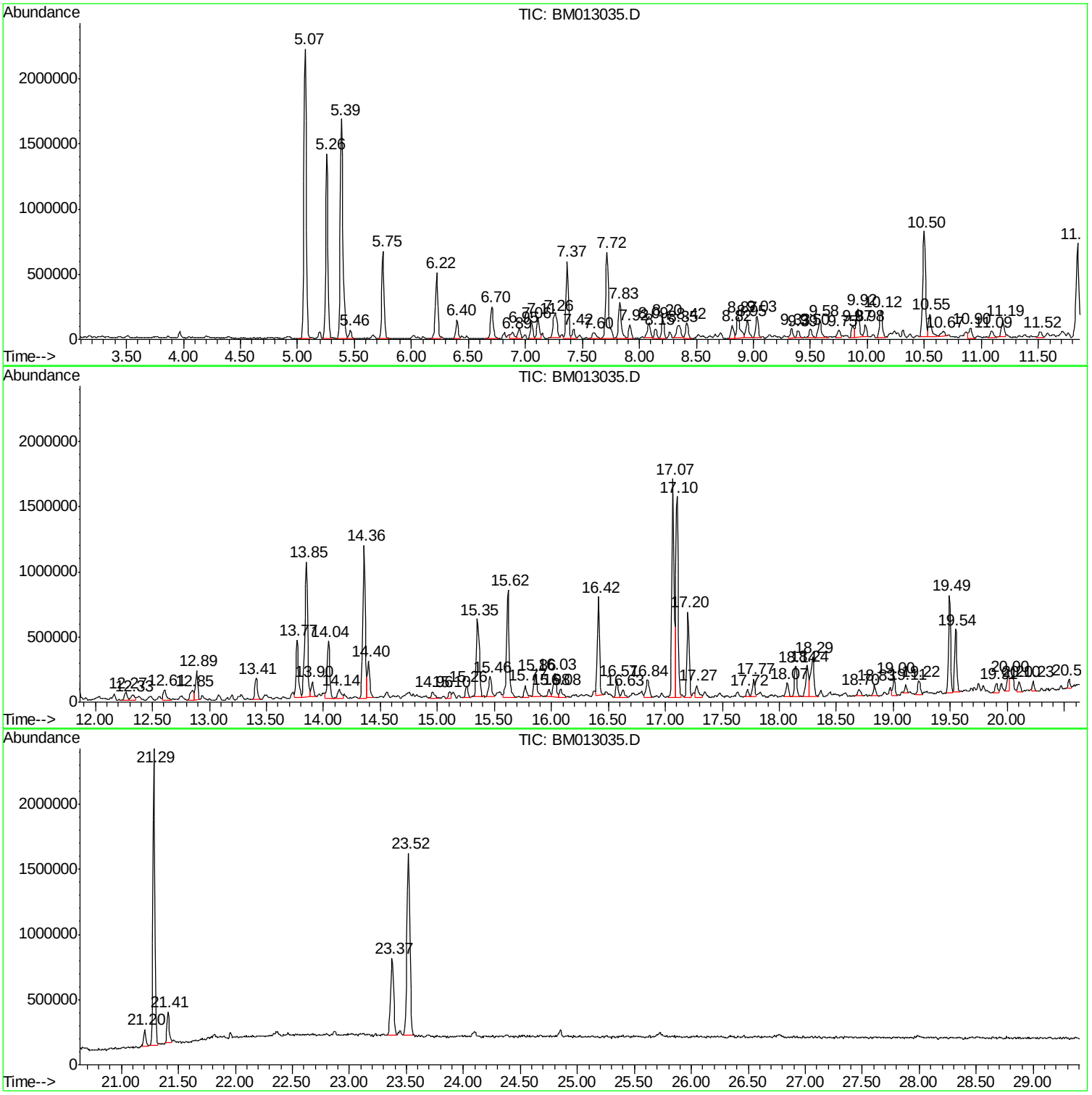
Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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

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Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
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Sample : I6405-20 5X
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

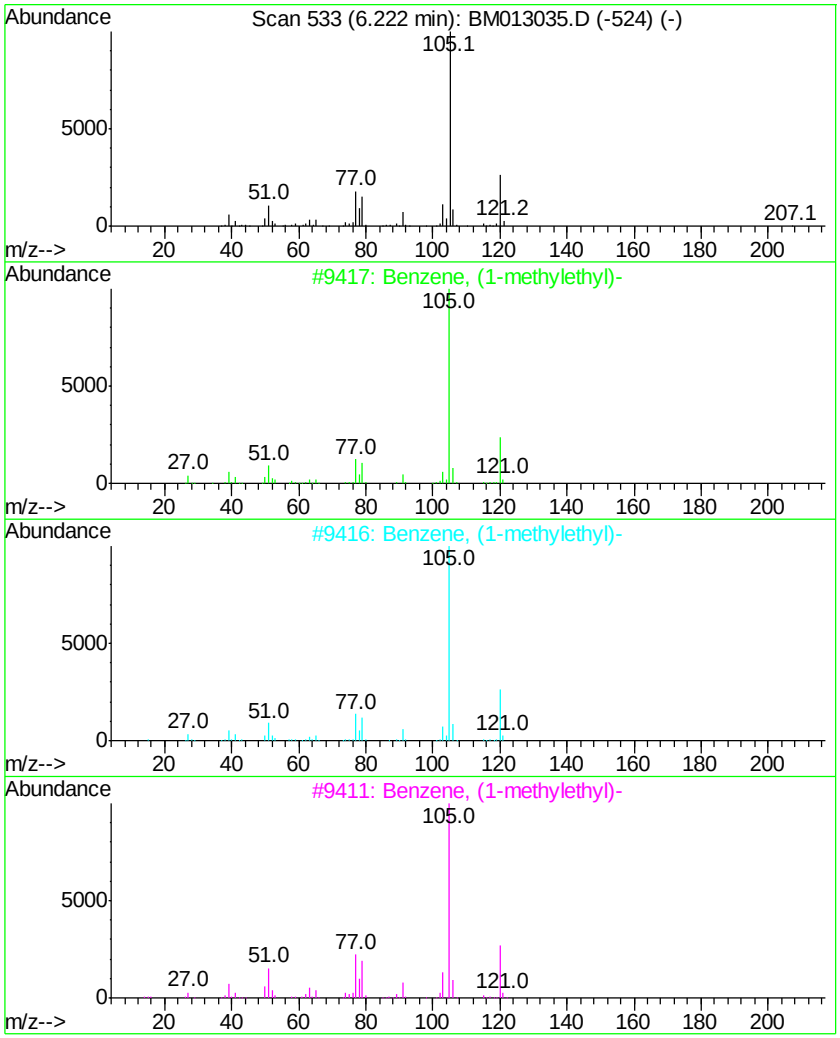
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

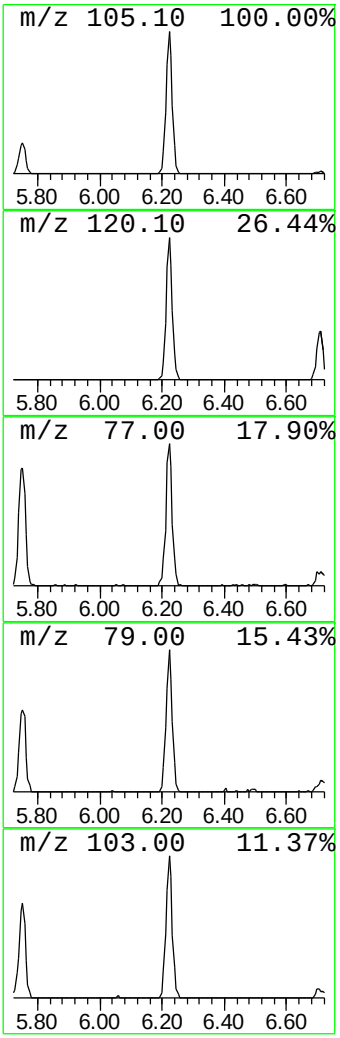
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	13.20 ng/ul	765660	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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

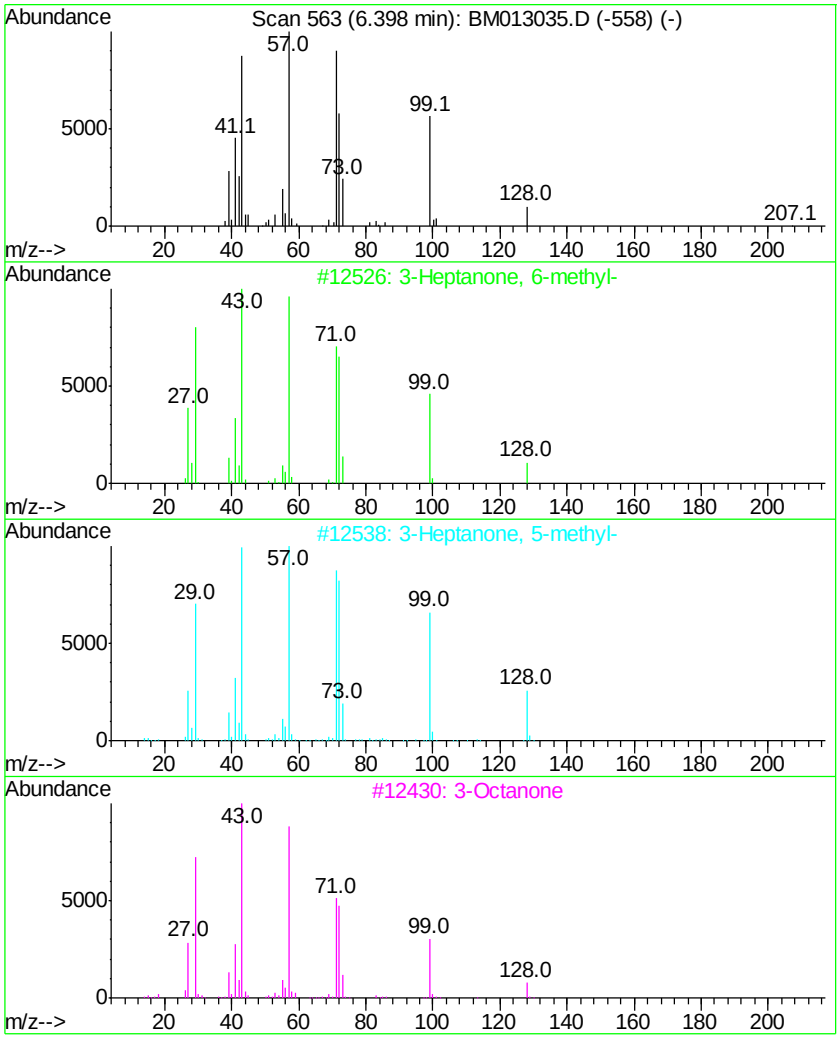
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

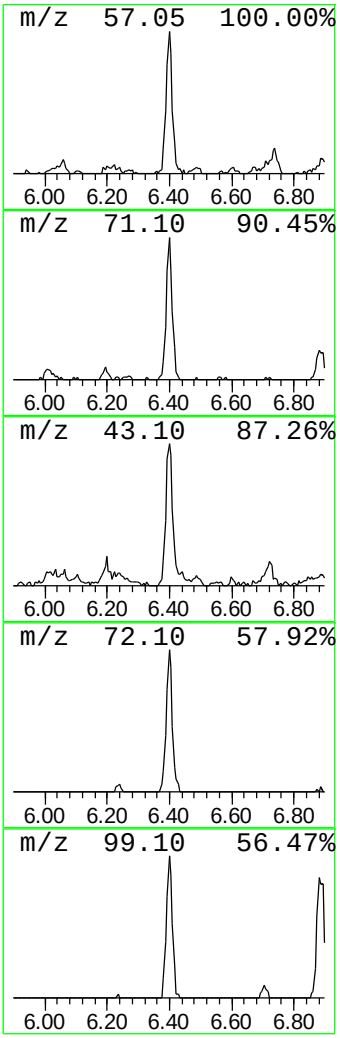
****

Peak Number 6 3-Heptanone, 6-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	3.55 ng/ul	205928	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	87
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	83
3	3-Octanone	128	C8H16O	000106-68-3	80
4	3-Octanone	128	C8H16O	000106-68-3	58
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
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Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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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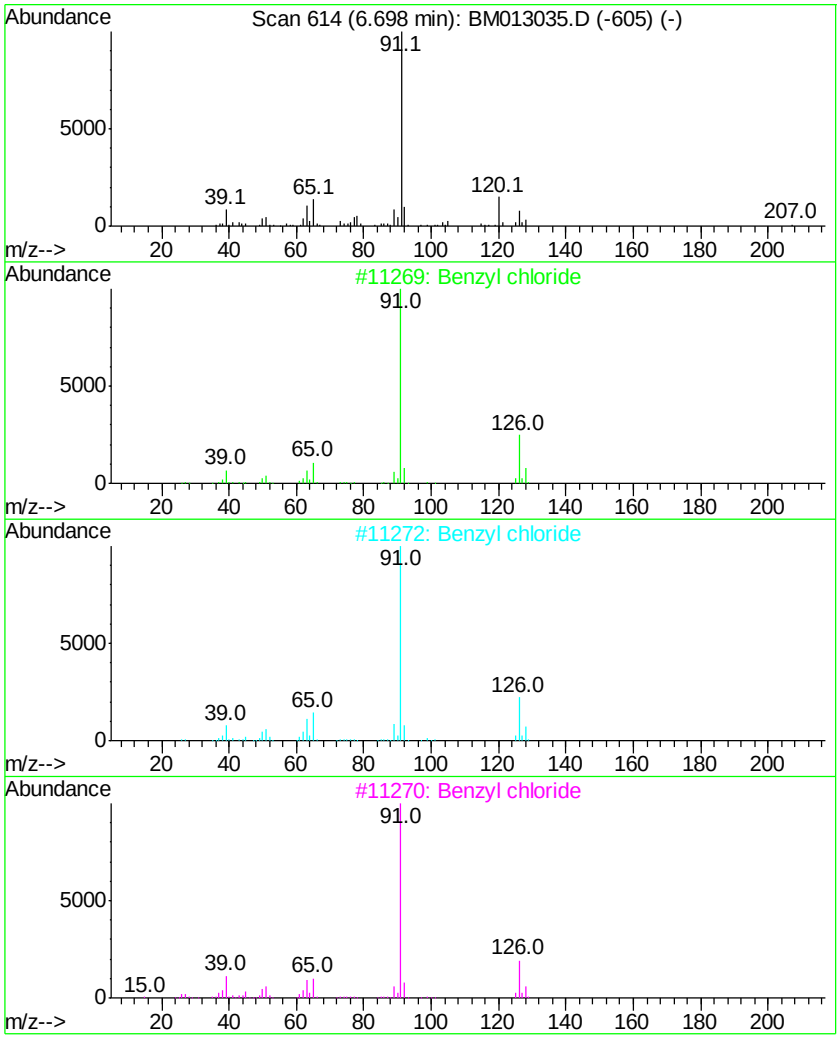
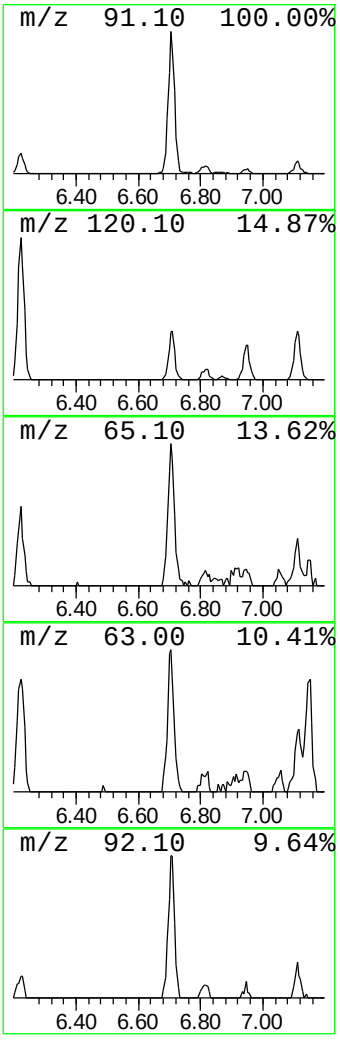
Peak Number 7 Benzyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	7.24 ng/ul	419748	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl chloride	126	C7H7Cl	000100-44-7	81
2	Benzyl chloride	126	C7H7Cl	000100-44-7	81
3	Benzyl chloride	126	C7H7Cl	000100-44-7	74
4	Benzyl chloride	126	C7H7Cl	000100-44-7	64
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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

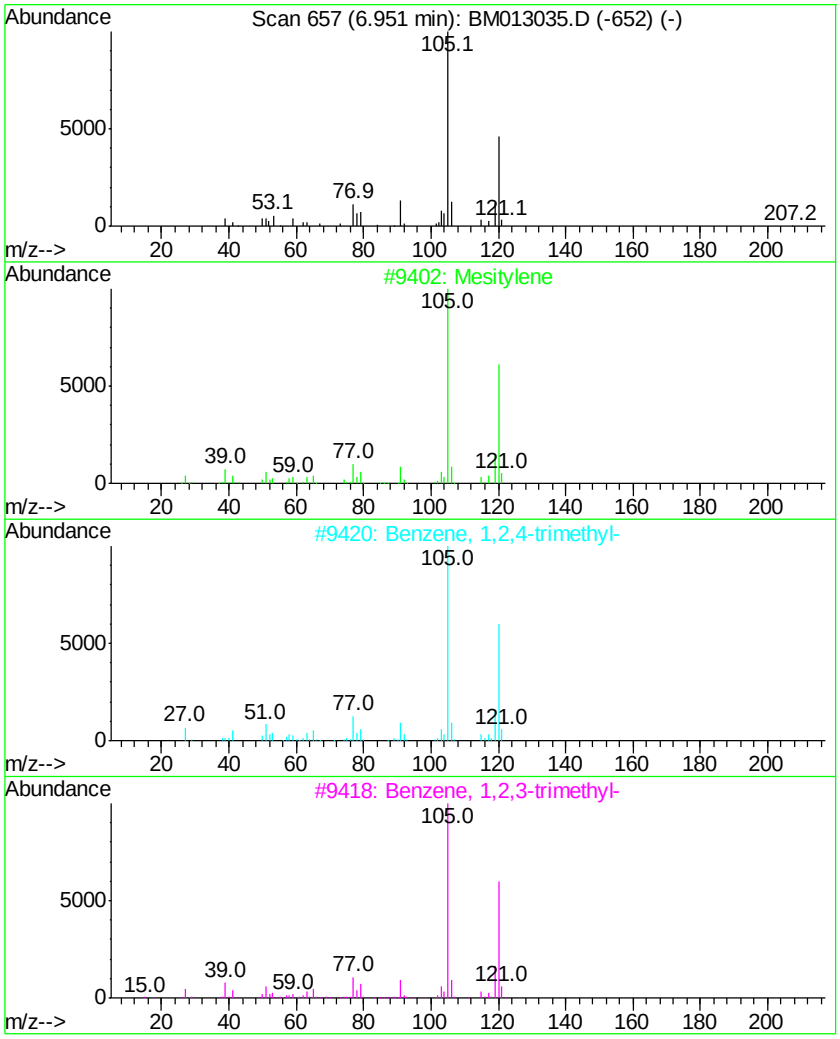
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

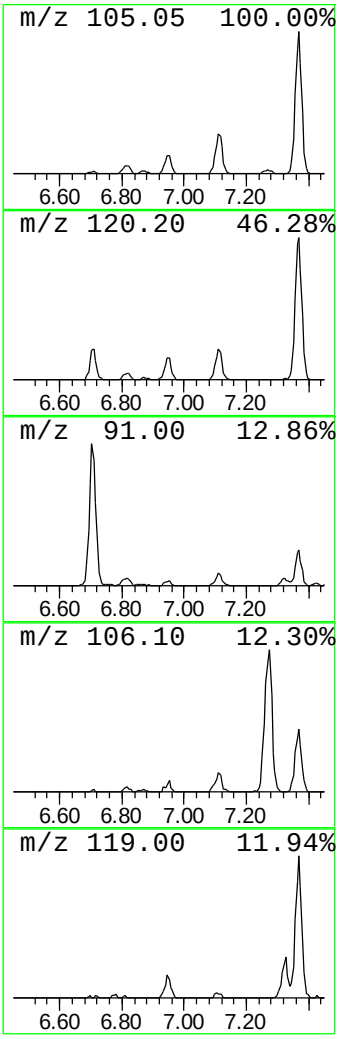
****

Peak Number 8 Mesitylene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	2.37 ng/ul	137681	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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

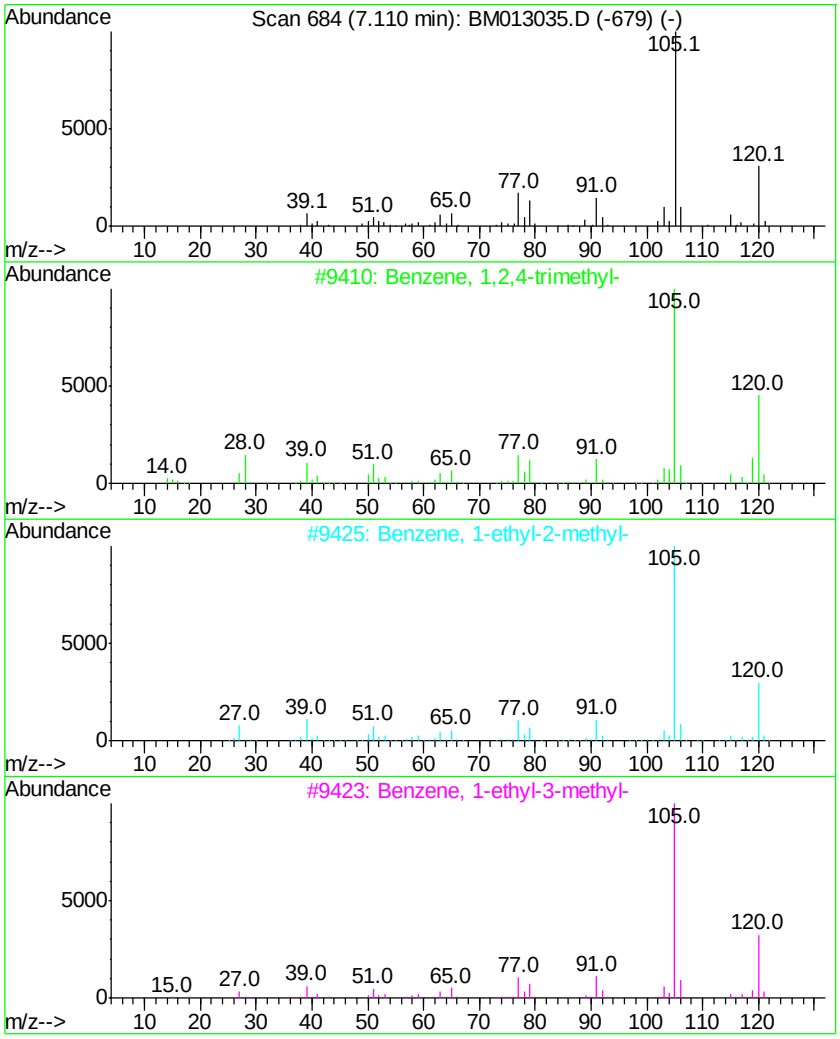
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

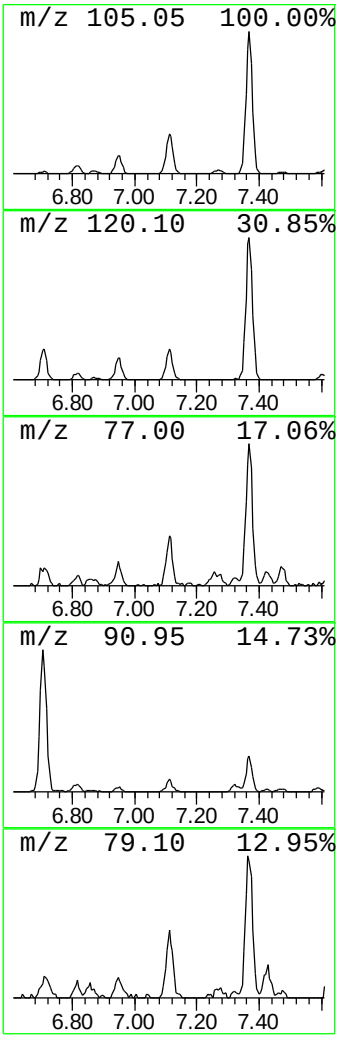
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	4.48 ng/ul	259788	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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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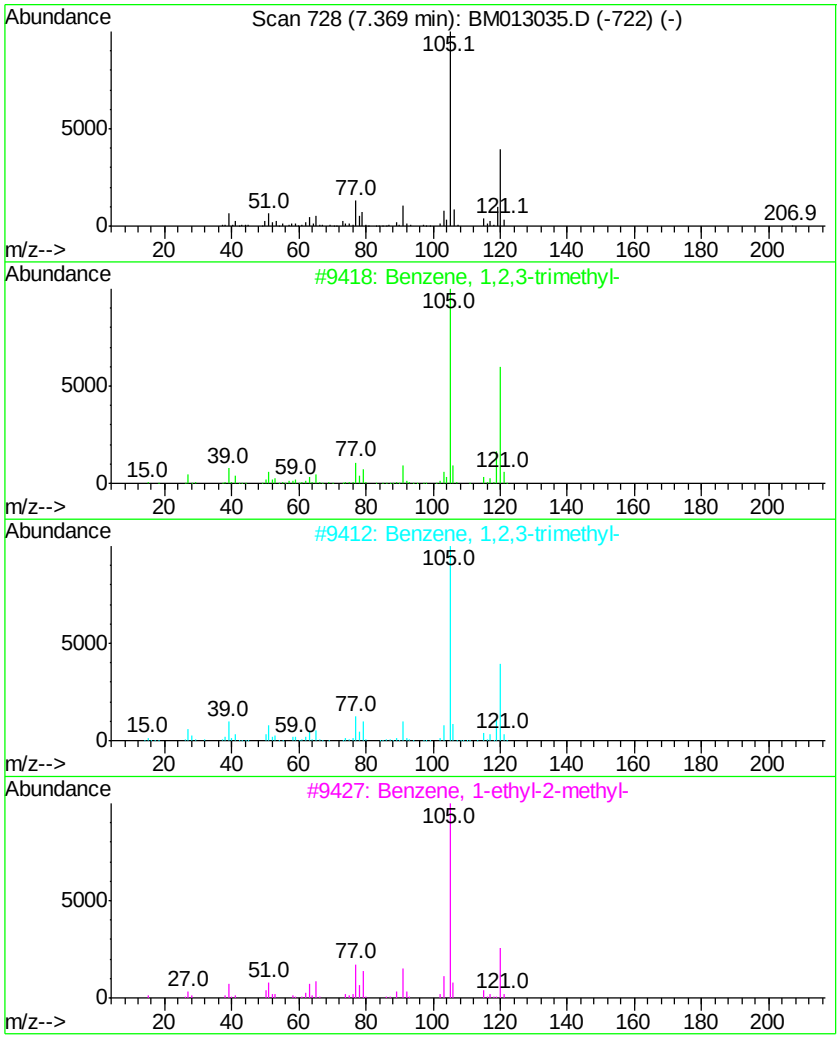
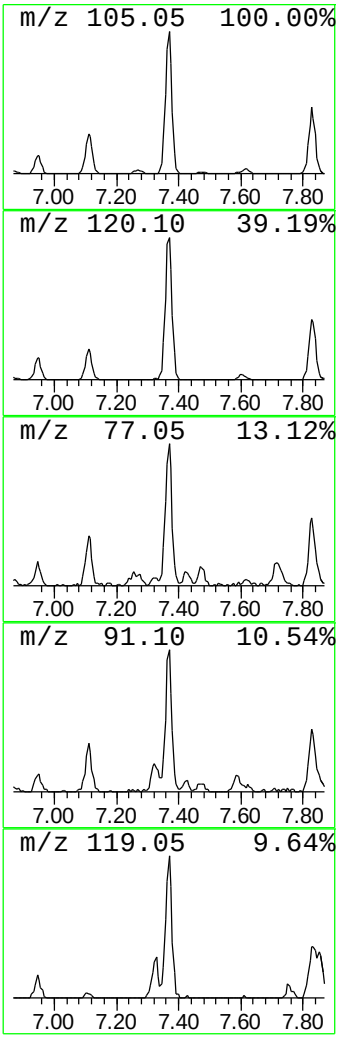
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	15.23 ng/ul	883155	1,4-Dichlorobenzene-d4	7.72

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-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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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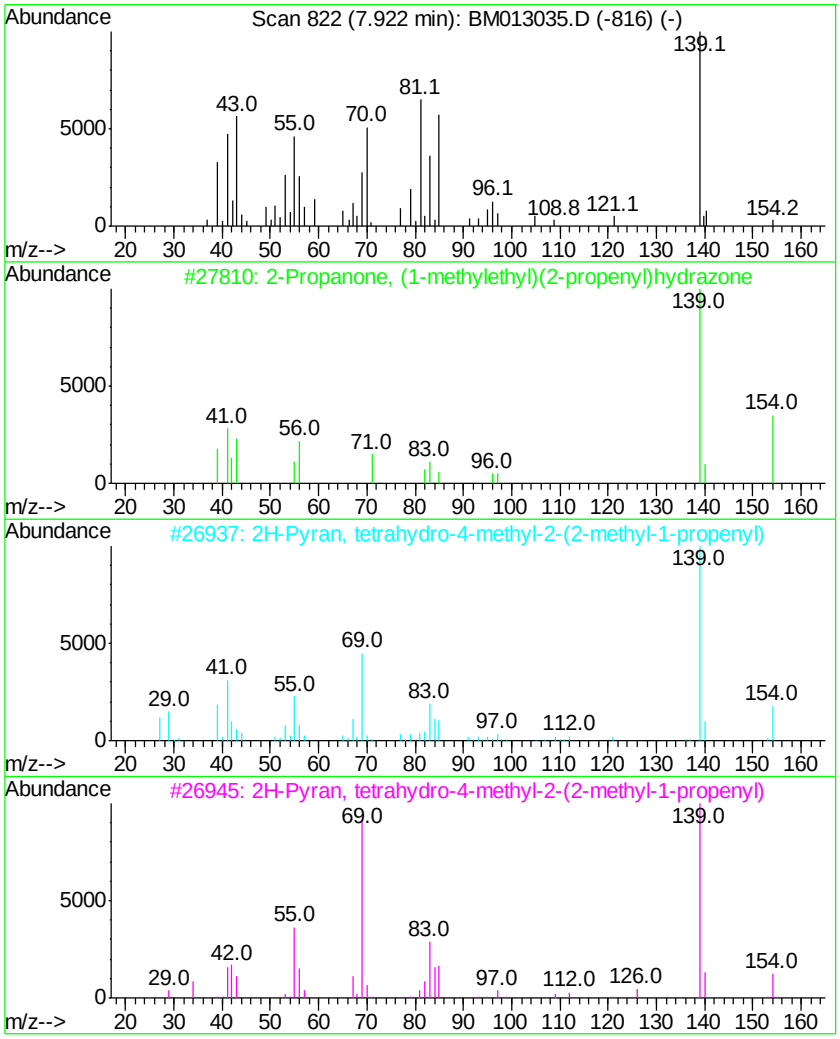
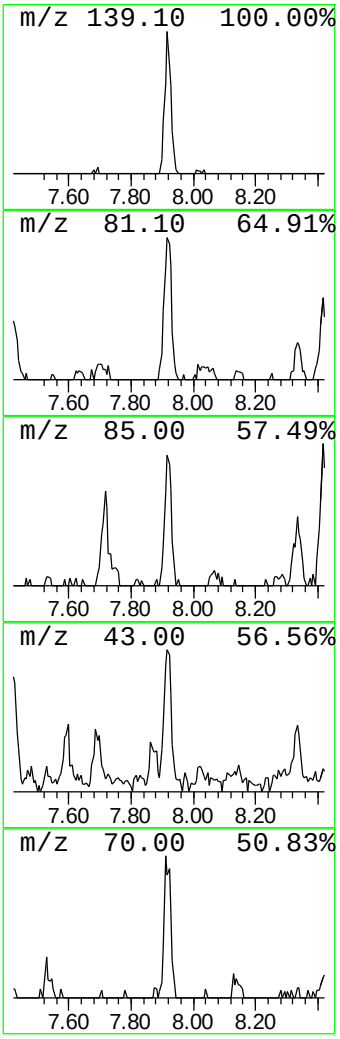
Peak Number 12 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.84 ng/ul	164962	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	23
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	23
3	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	23
4	Silane, 1-hexynyltrimethyl-	154	C9H18Si	003844-94-8	17
5	cis,trans-4-methyl-3-oxabicyclo[...	154	C10H18O	1000216-89-8	17





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Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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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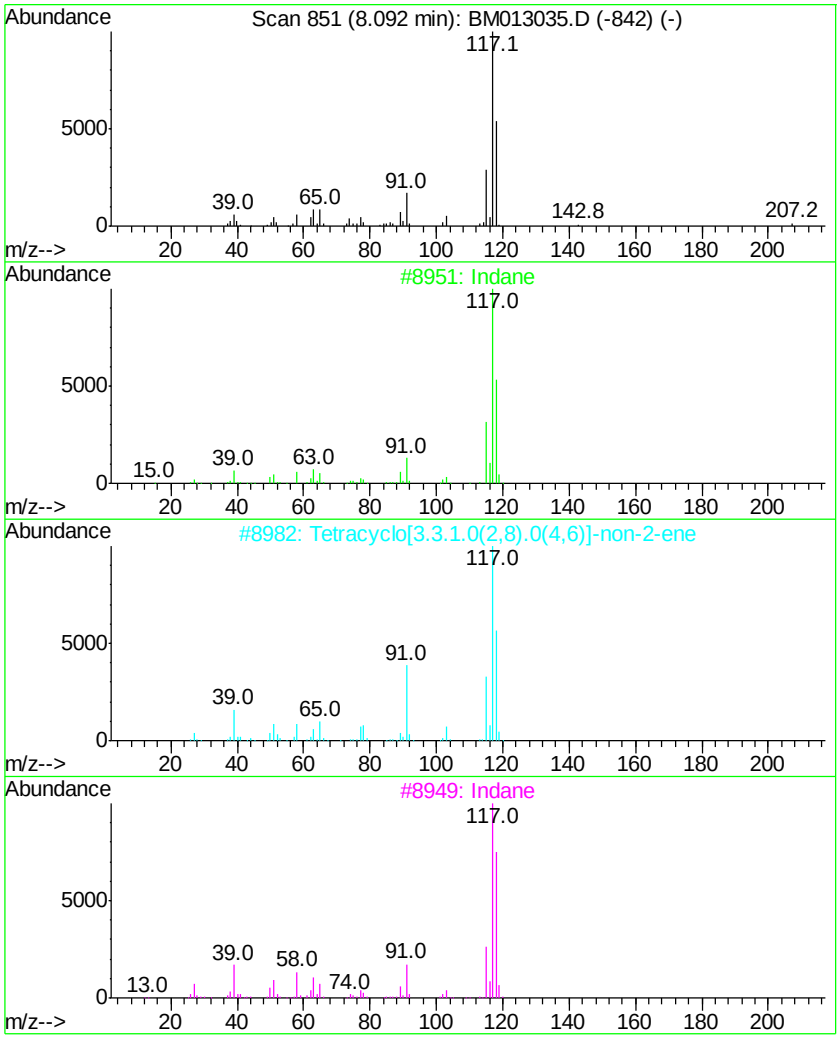
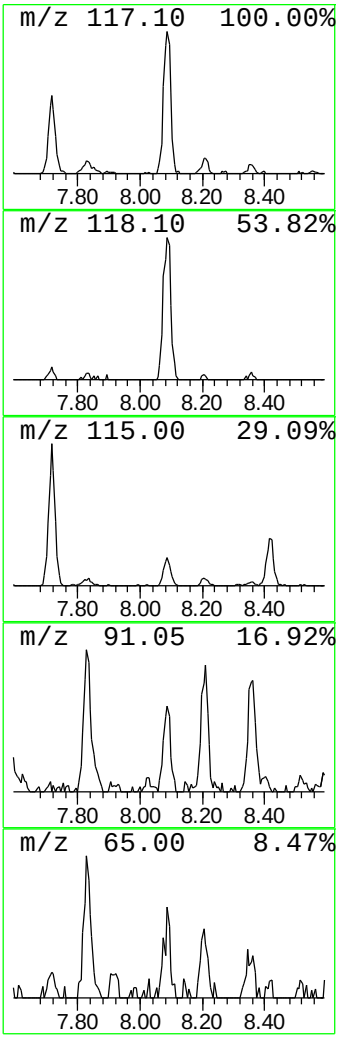
Peak Number 13 Indane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	3.66 ng/ul	212321	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





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Sample : I6405-20 5X
Misc :
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Instrument : BNA_M
ClientSampleId : BE2W1

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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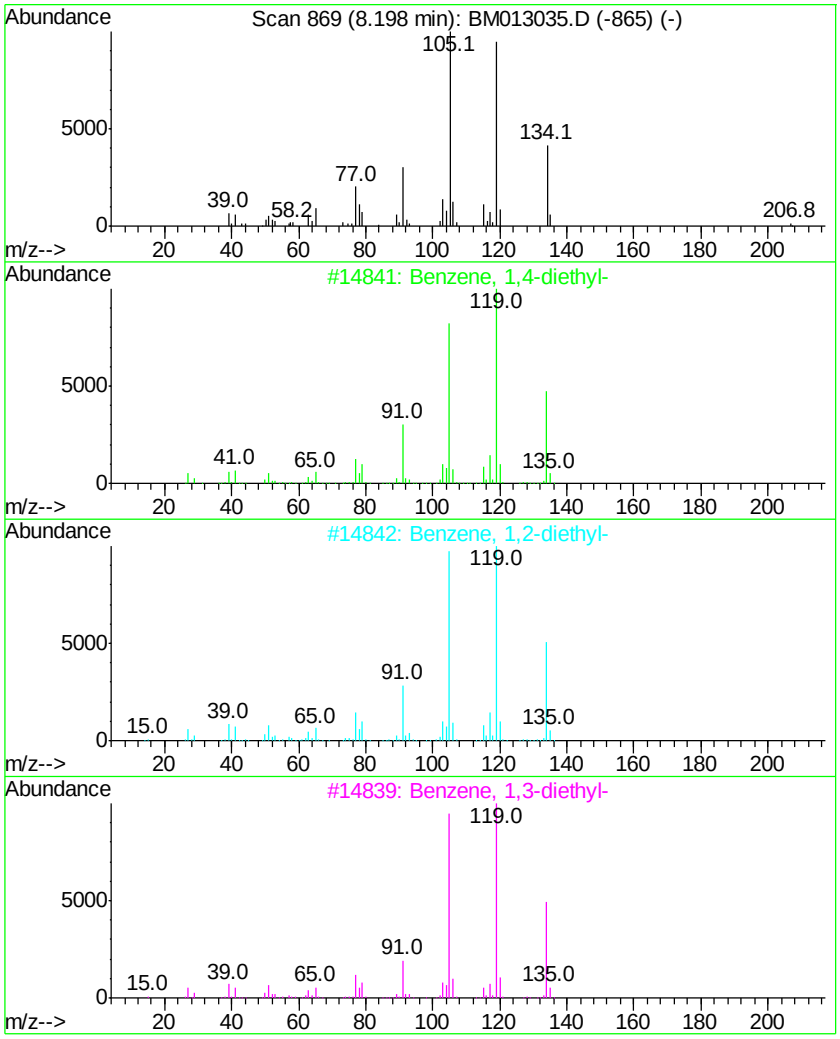
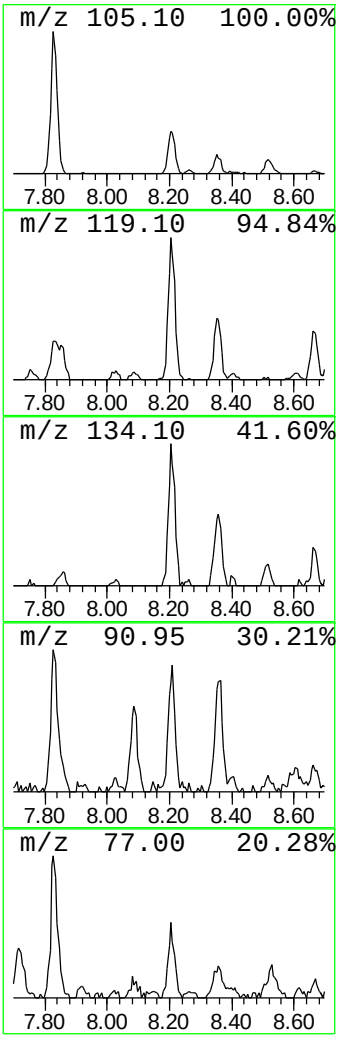
Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.90 ng/ul	226479	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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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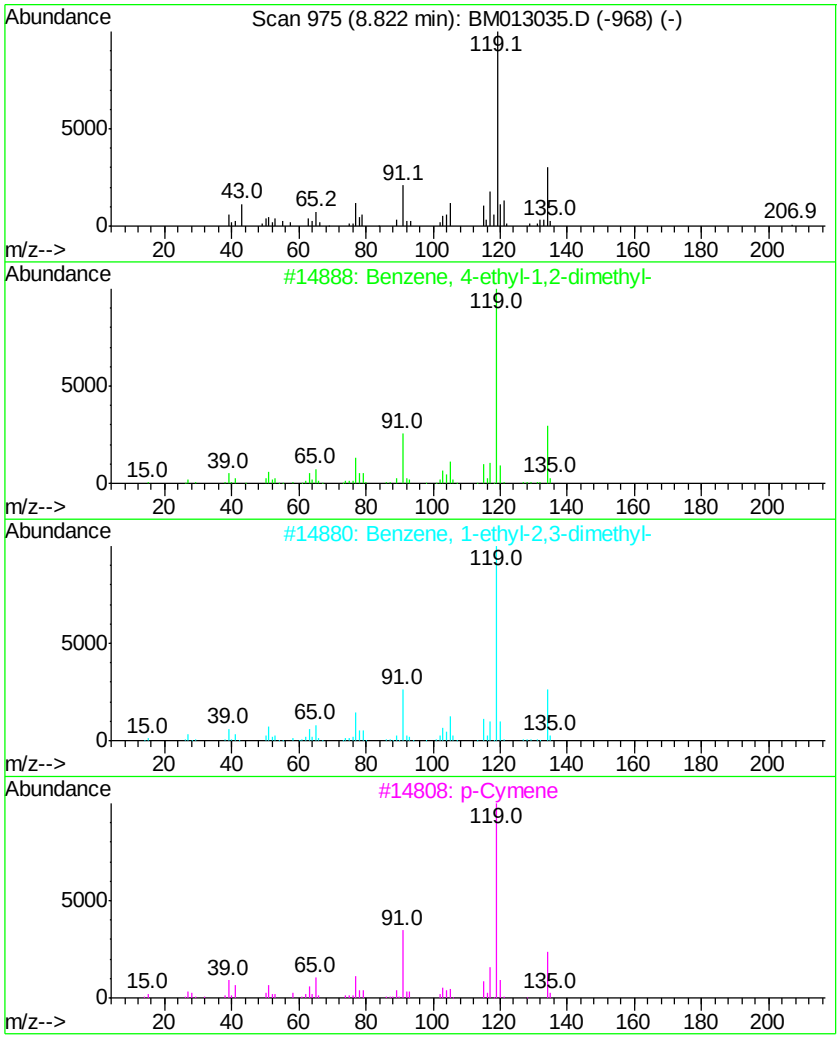
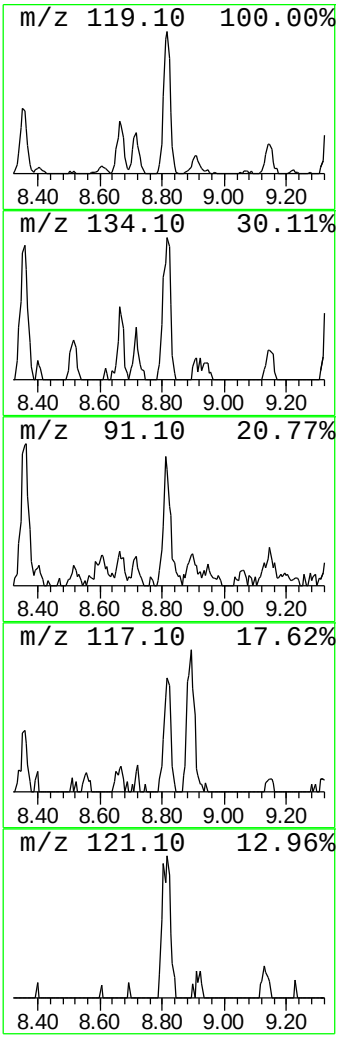
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.91 ng/ul	168735	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

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Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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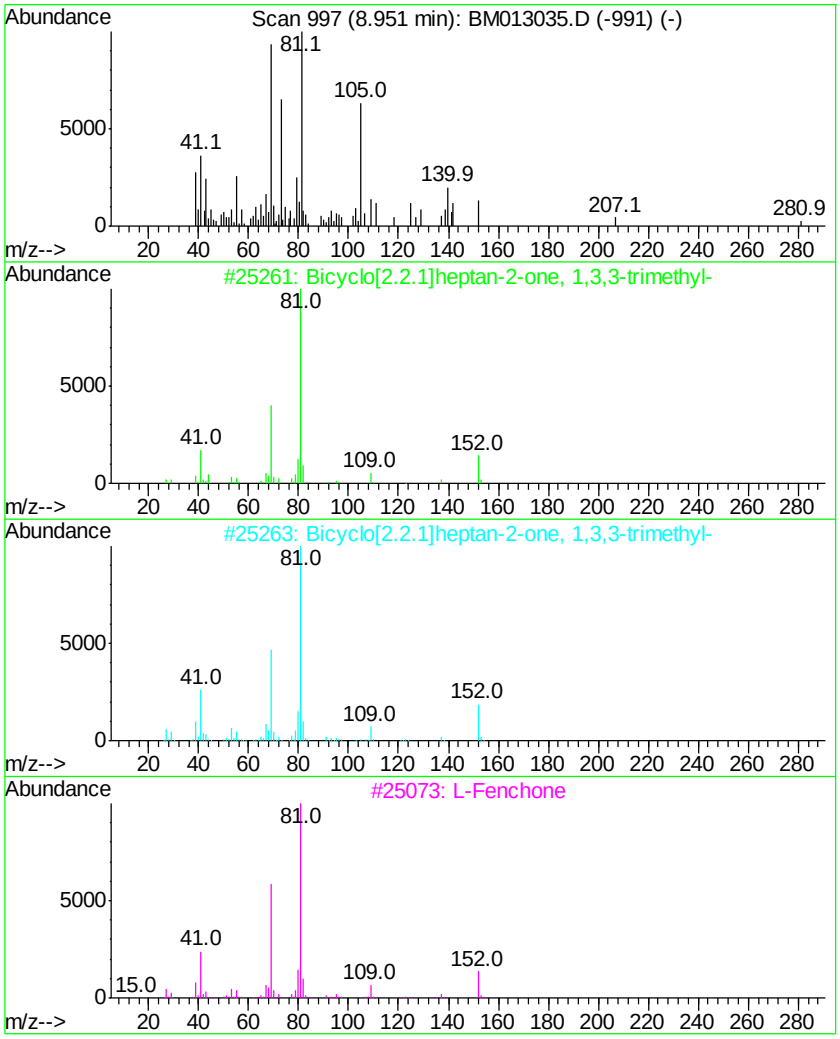
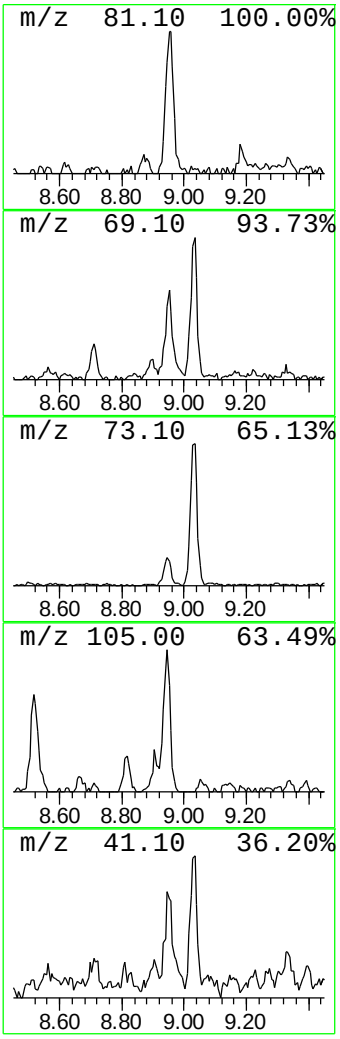
Peak Number 17 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	4.37 ng/ul	253645	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	49
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	49
3	L-Fenchone	152	C10H16O	007787-20-4	47
4	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	44
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	30





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Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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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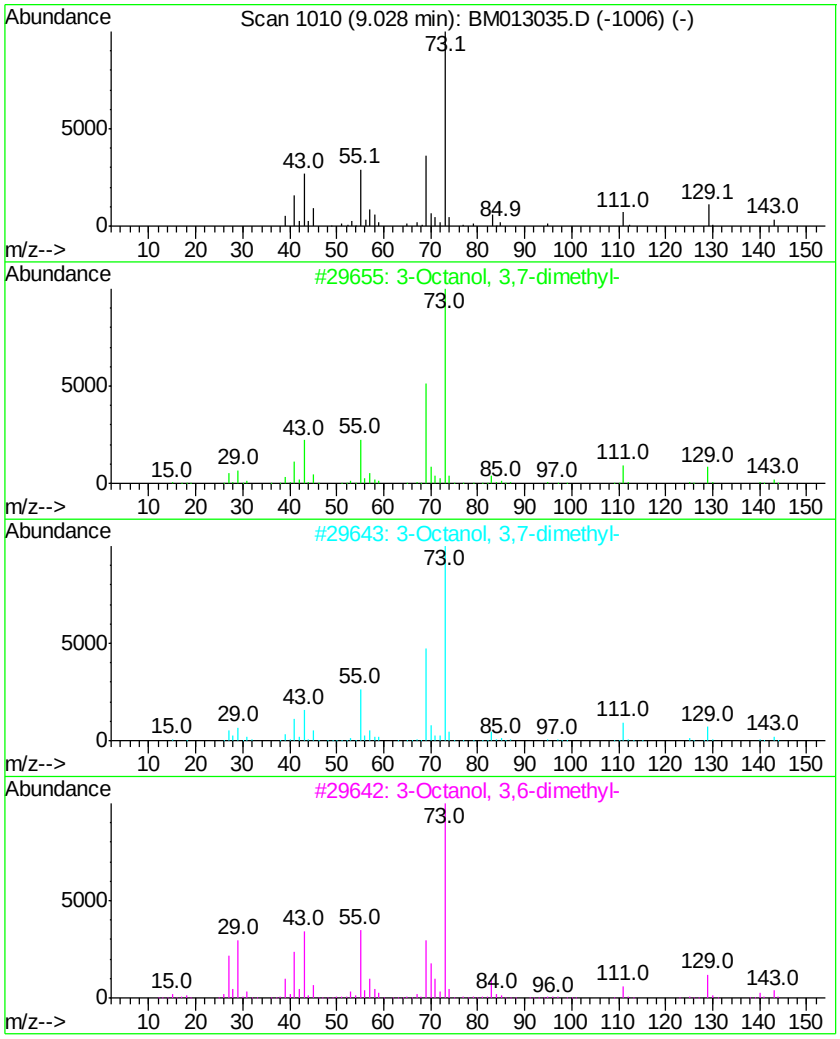
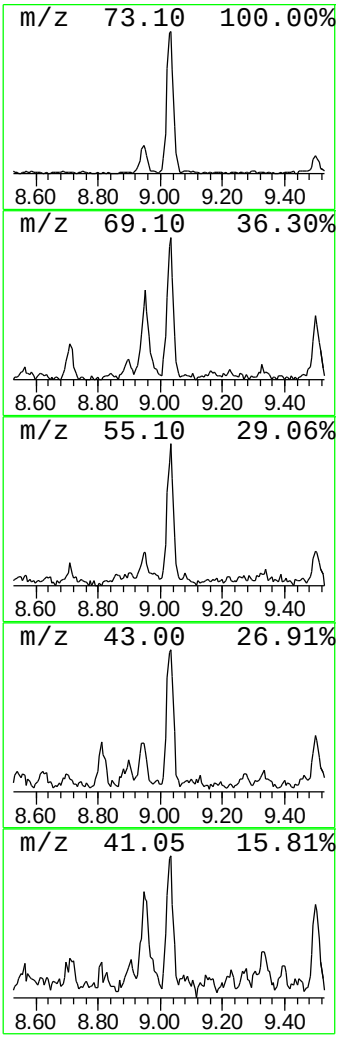
Peak Number 18 3-Octanol, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.31 ng/ul	249956	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	64
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	53
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	50
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	Decane, 3-methoxy-	172	C11H24O	055955-64-1	37





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ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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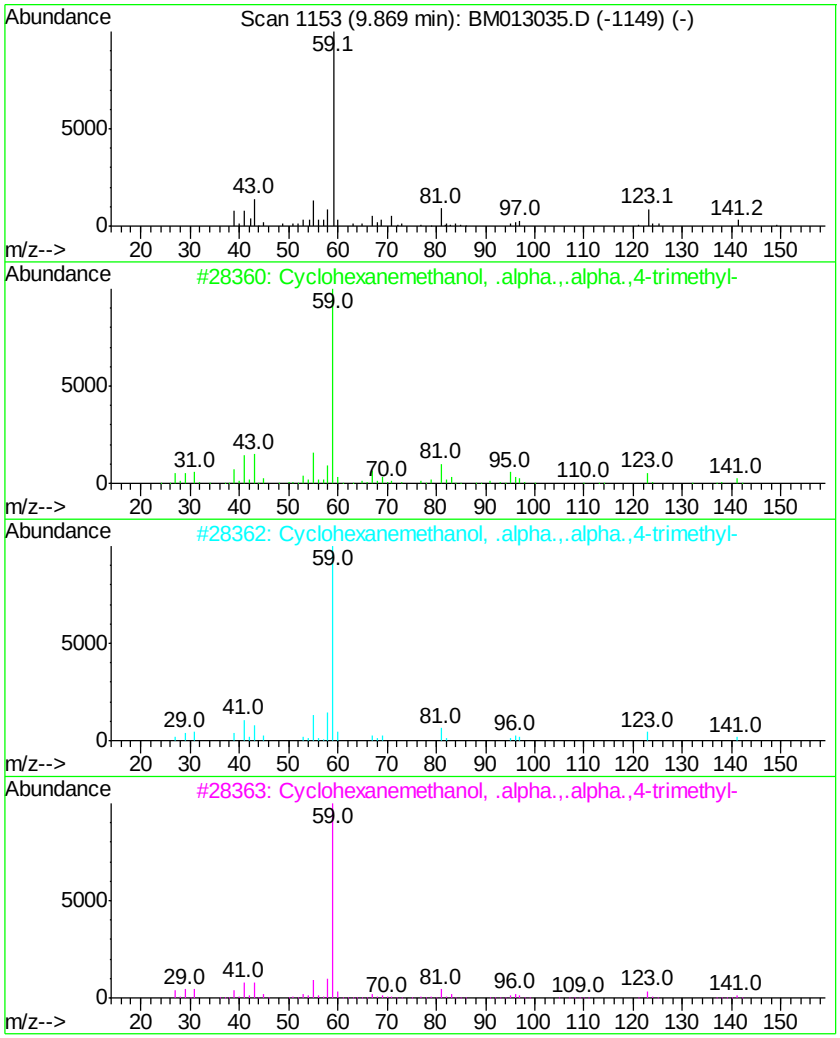
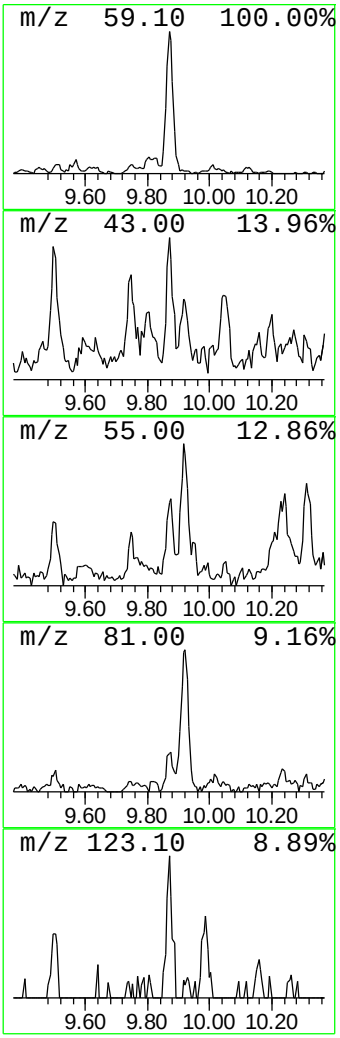
Peak Number 19 Cyclohexanemethanol, .alpha... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.35 ng/ul	157808	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	72
4	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	64
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	64





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Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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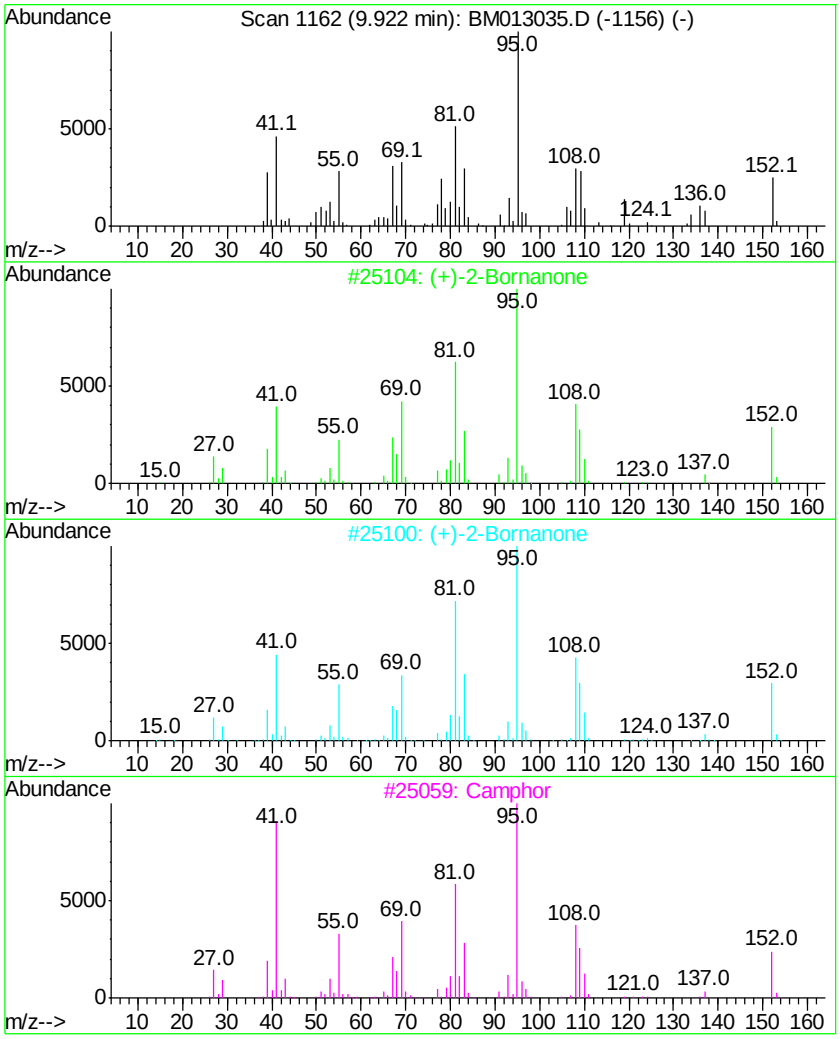
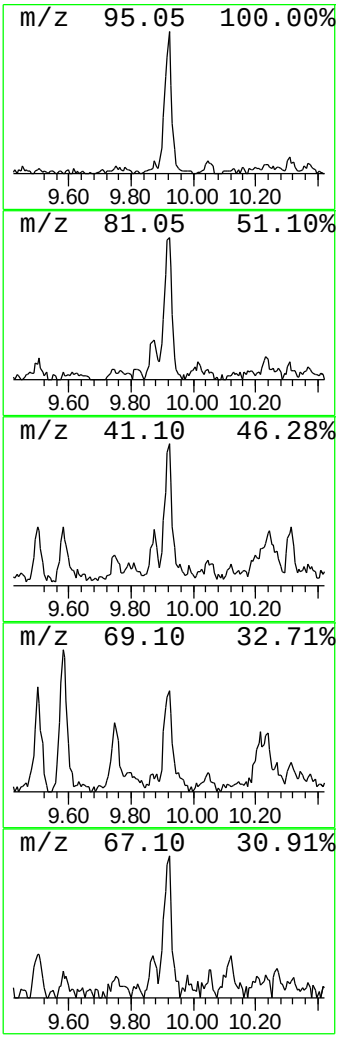
Peak Number 20 (+)-2-Bornanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.27 ng/ul	420837	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	92
3	Camphor	152	C10H16O	000076-22-2	92
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	91
5	Camphor	152	C10H16O	000076-22-2	91





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Quant Title : SVOA CALIBRATION

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

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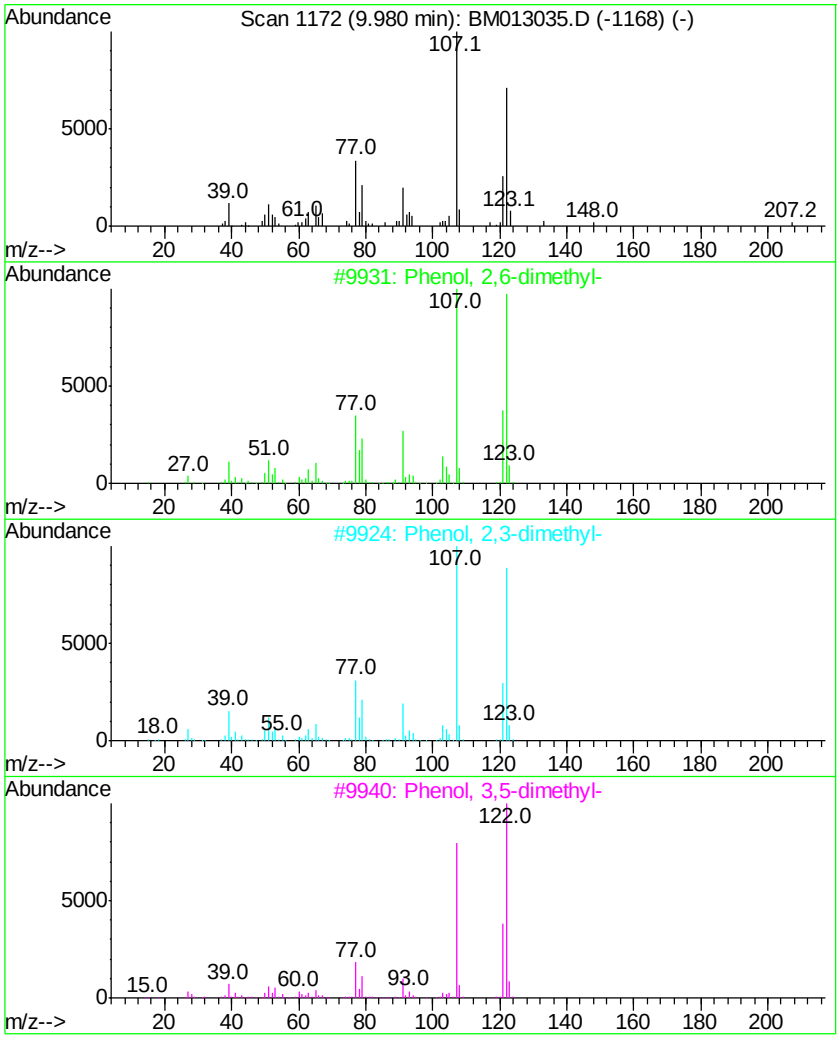
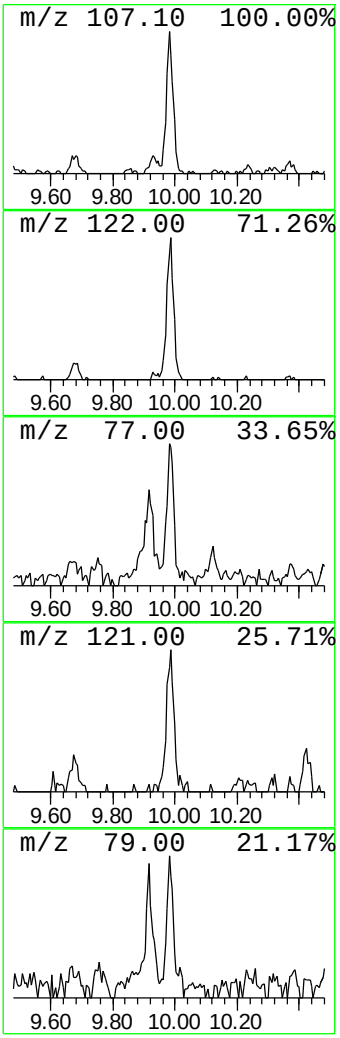
Peak Number 21 Phenol, 2,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.05 ng/ul	137586	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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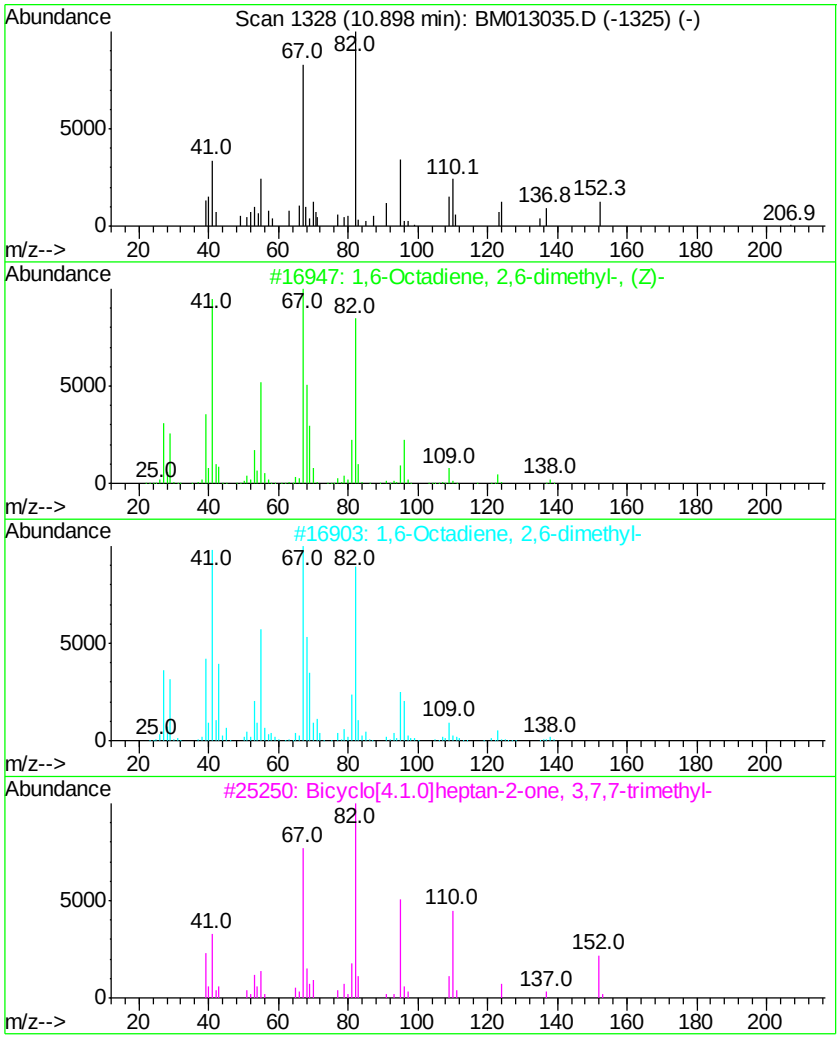
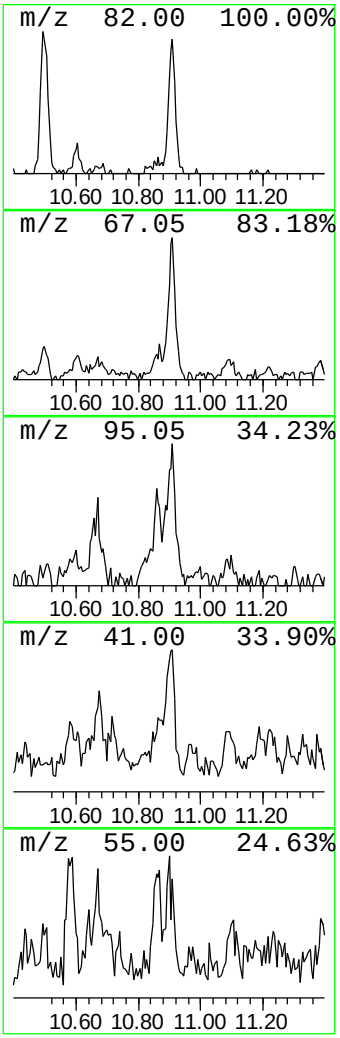
Peak Number 22 1,6-Octadiene, 2,6-dimethyl... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.22 ng/ul	148677	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadiene, 2,6-dimethyl-, (Z)-	138	C10H18	006874-34-6	64
2	1,6-Octadiene, 2,6-dimethyl-	138	C10H18	031222-43-2	64
3	Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	53
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	50
5	(E)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-83-0	50





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Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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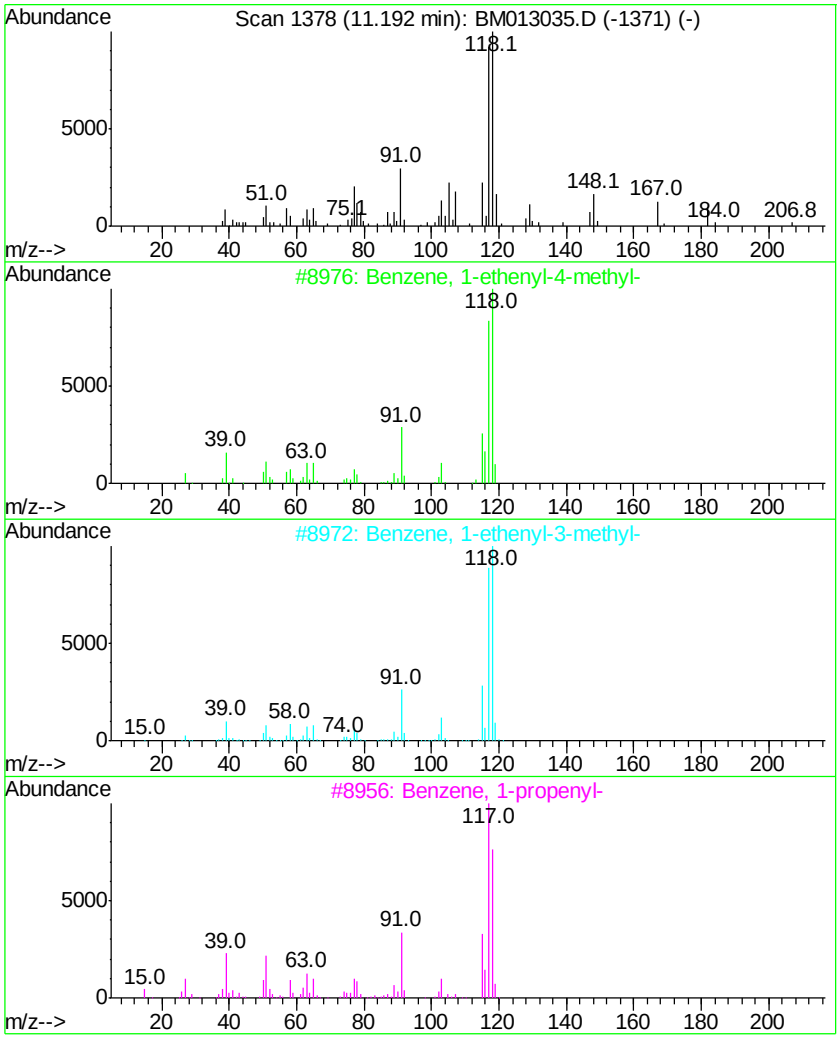
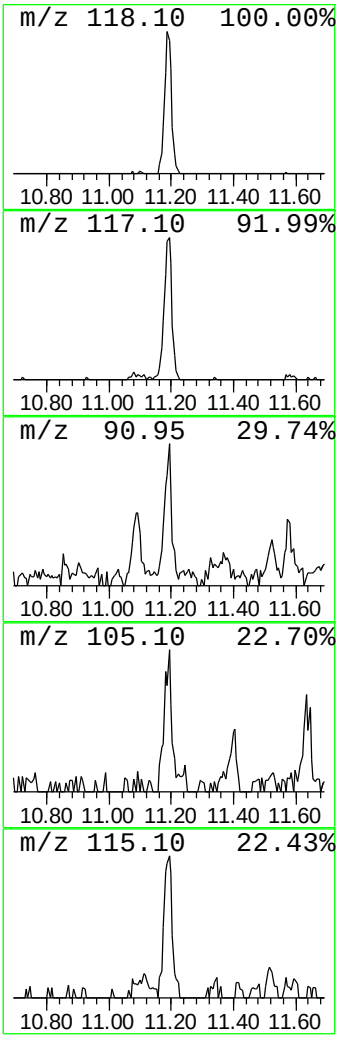
Peak Number 23 Benzene, 1-ethenyl-4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.21 ng/ul	215356	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60





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Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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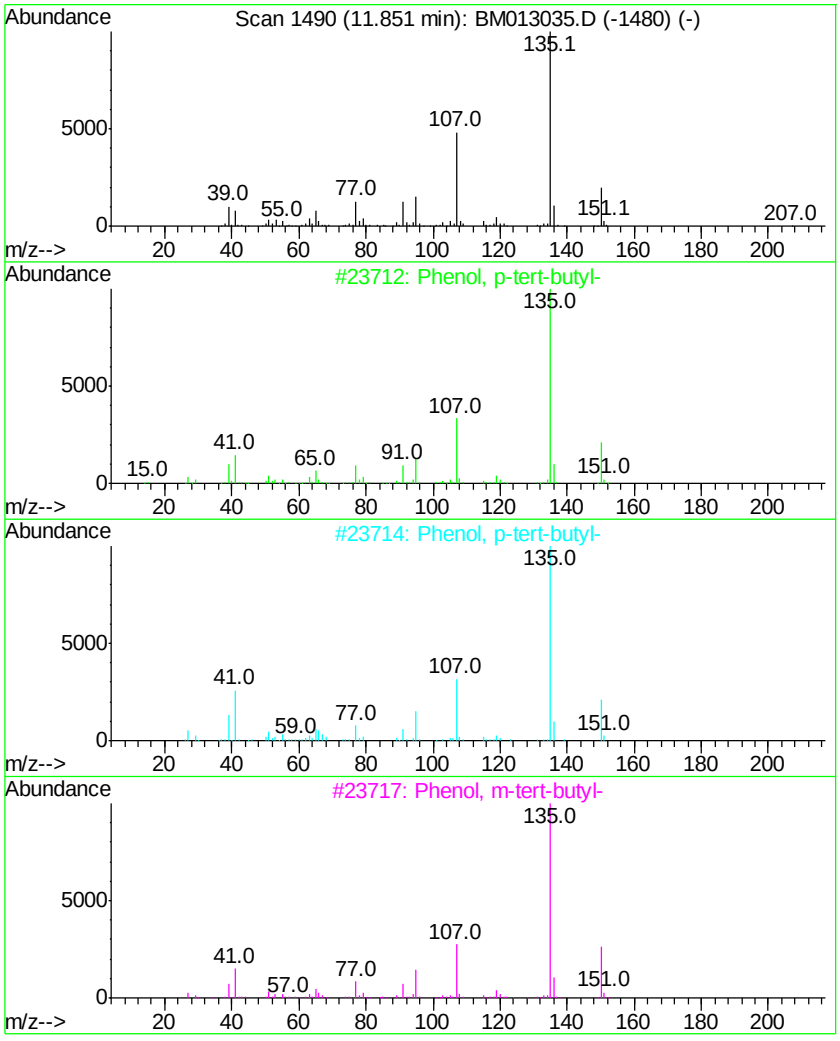
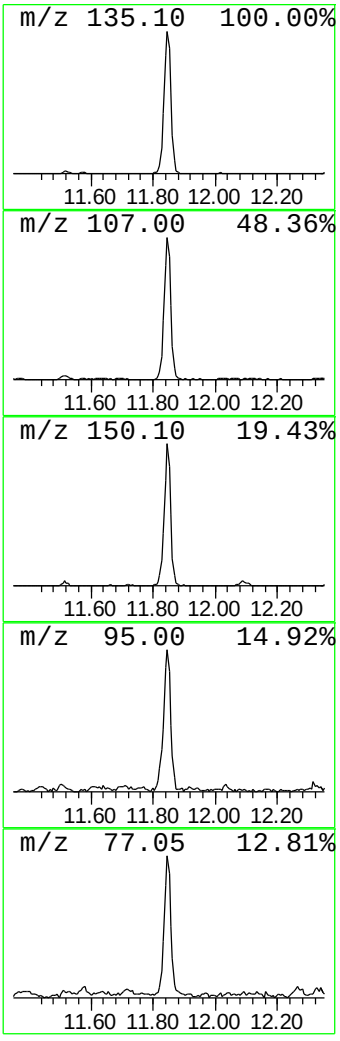
Peak Number 24 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	18.61 ng/ul	1248830	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	86
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64





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ALS Vial : 45 Sample Multiplier: 1

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ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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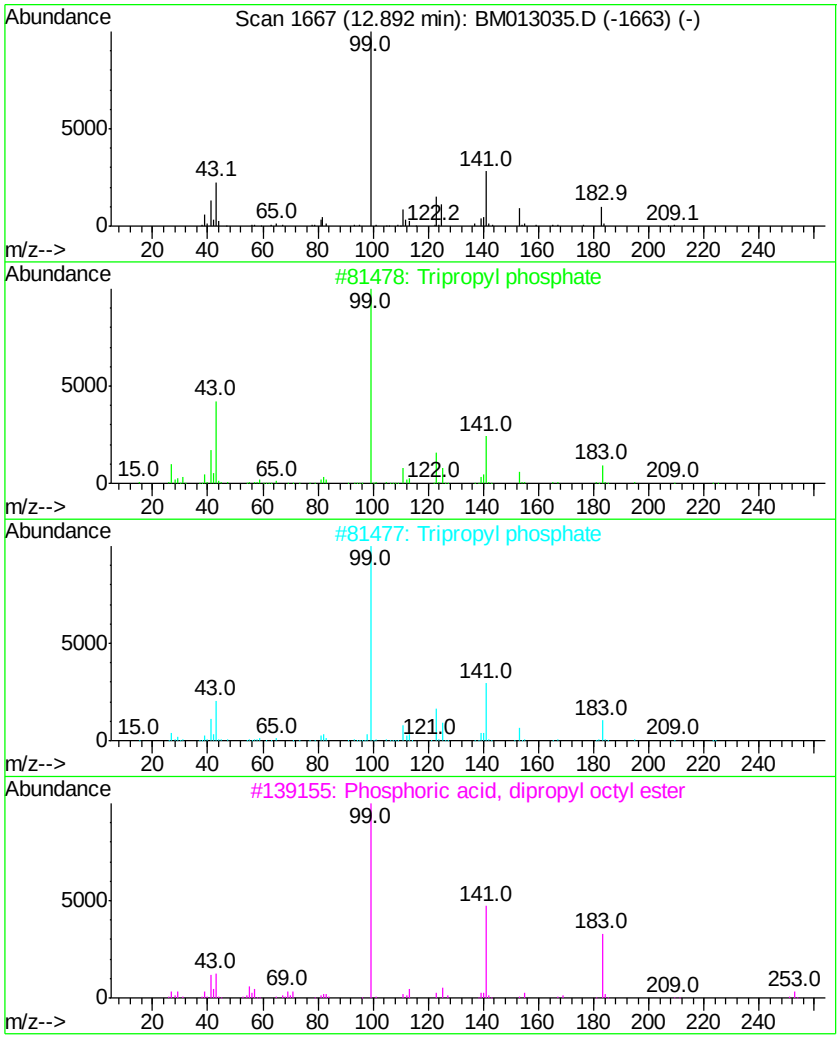
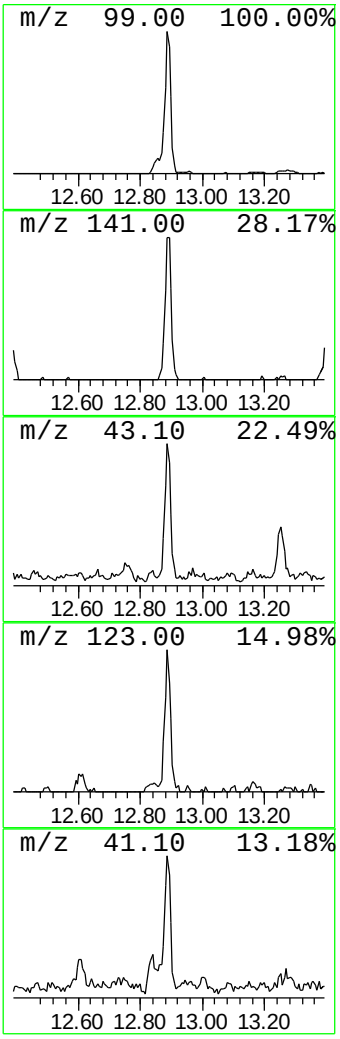
Peak Number 25 Tripropyl phosphate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	3.22 ng/ul	296868	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
3	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	42
4	Phosphoric acid, dipropyl nonyl ...	308	C15H33O4P	1000309-01-0	39
5	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	28





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Quant Title : SVOA CALIBRATION

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

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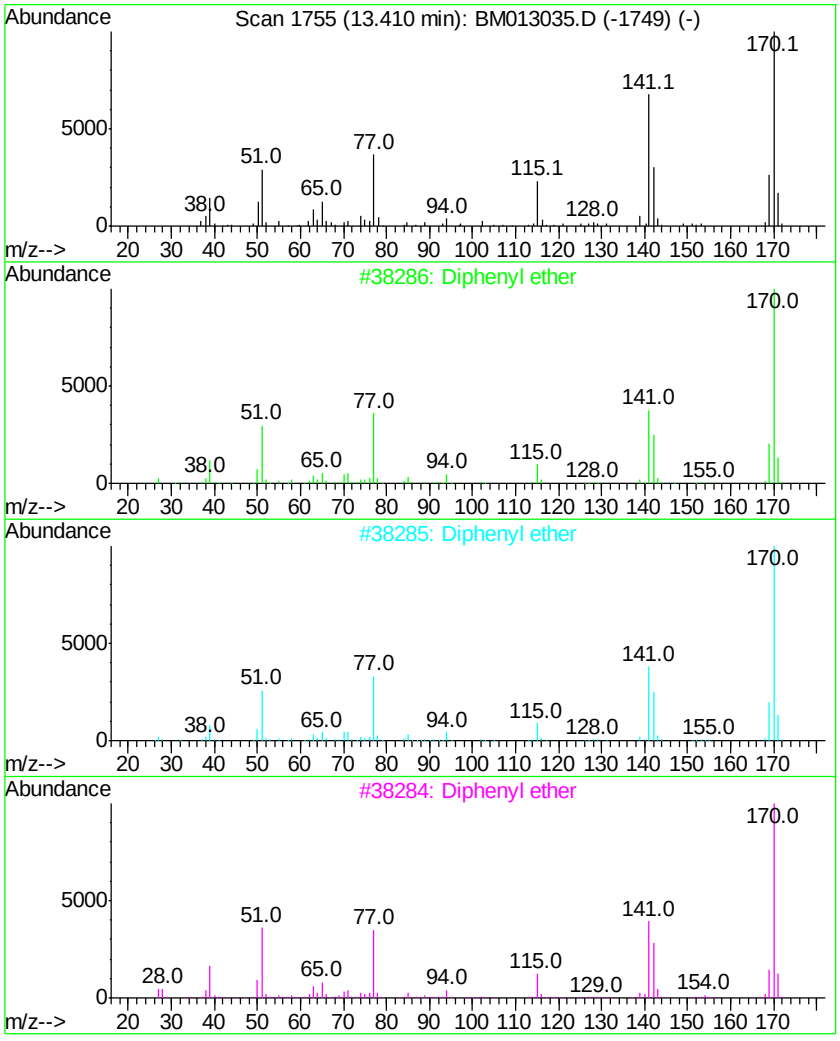
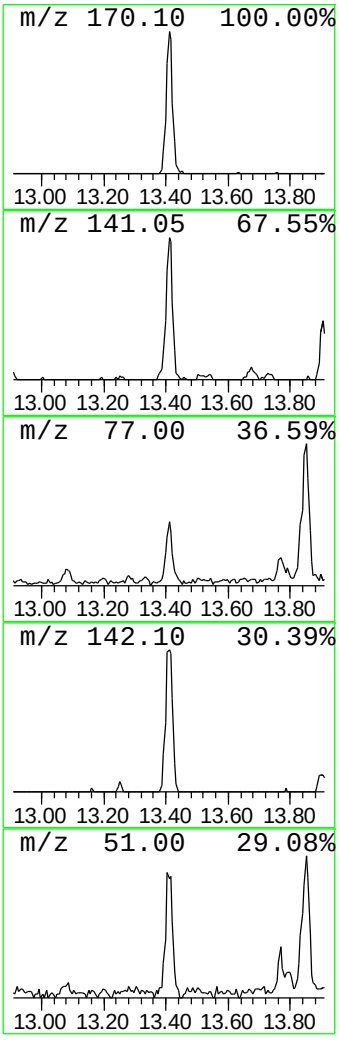
Peak Number 26 Diphenyl ether Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.81 ng/ul	259026	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	83
2	Diphenyl ether	170	C12H10O	000101-84-8	81
3	Diphenyl ether	170	C12H10O	000101-84-8	74
4	Diphenyl ether	170	C12H10O	000101-84-8	72
5	2-Troponyl difluoroborate	170	C7H5BF2O2	022502-10-9	46





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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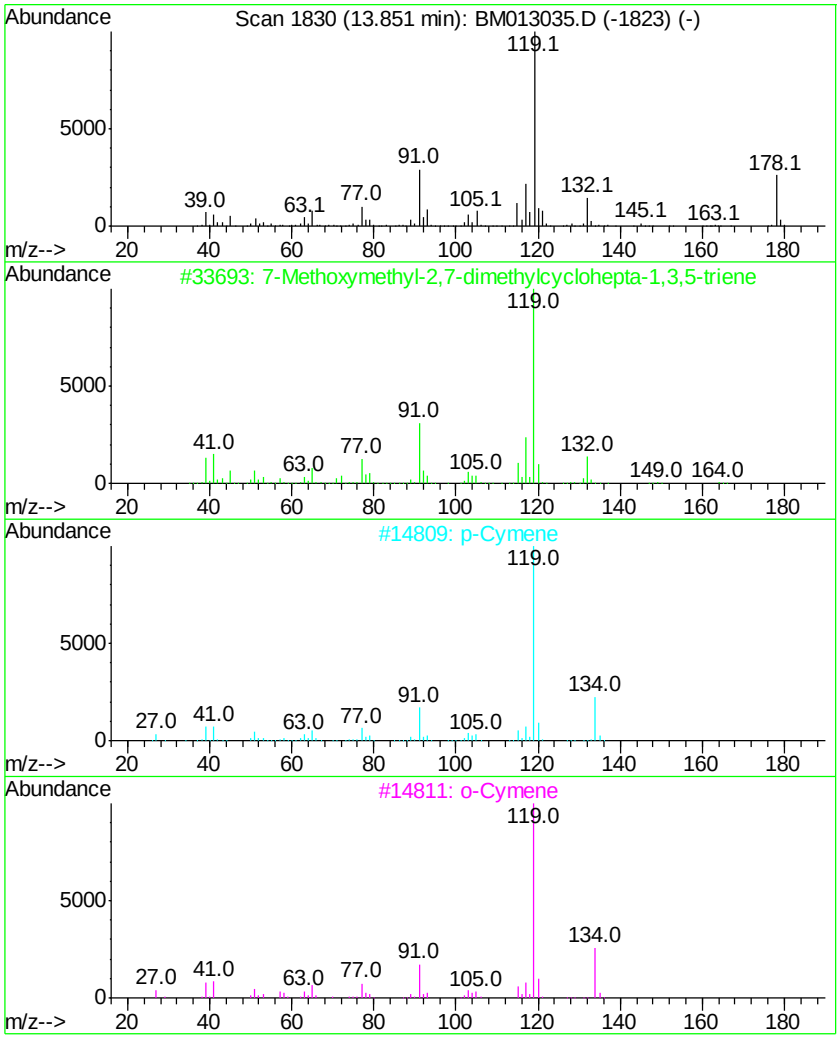
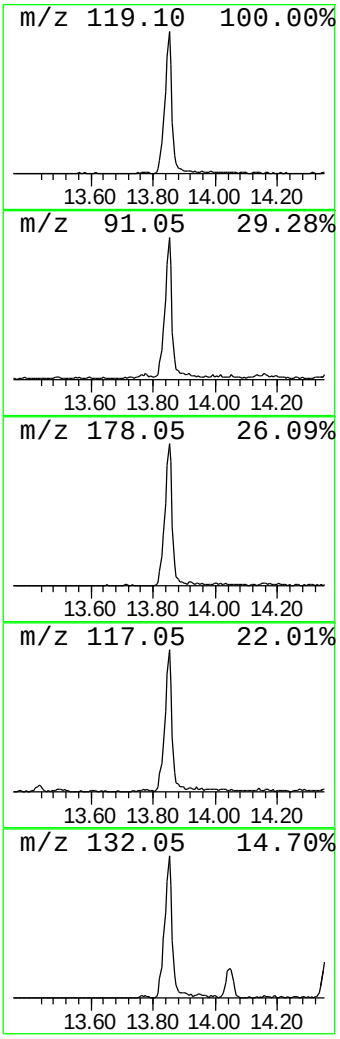
Peak Number 27 7-Methoxymethyl-2,7-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	18.47 ng/ul	1700530	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	74
2	p-Cymene	134	C10H14	000099-87-6	52
3	o-Cymene	134	C10H14	000527-84-4	50
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	47
5	1-Piperidinecarbothioic acid, S-...	263	C15H21NOS	061432-55-1	47





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Quant Title : SVOA CALIBRATION

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

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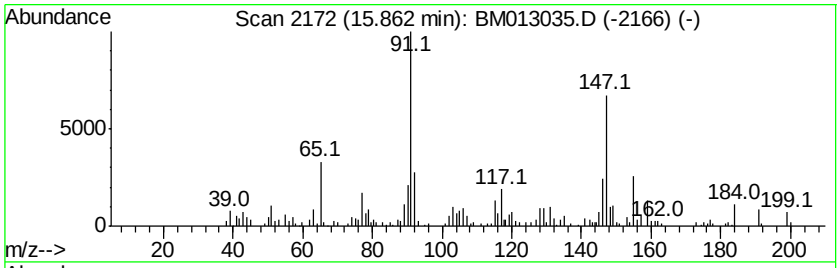
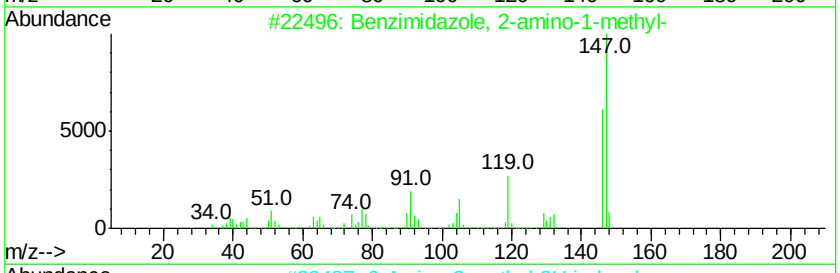
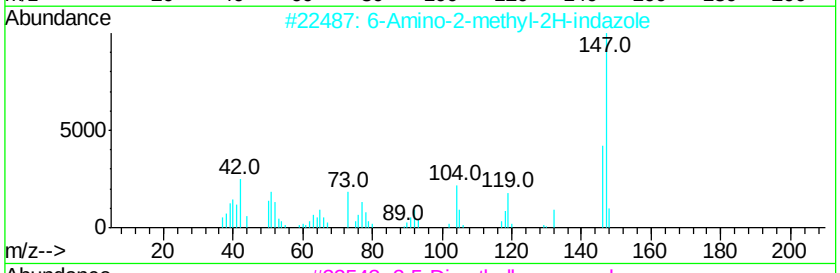
Peak Number 28 Benzimidazole, 2-amino-1-me... Concentration Rank 24

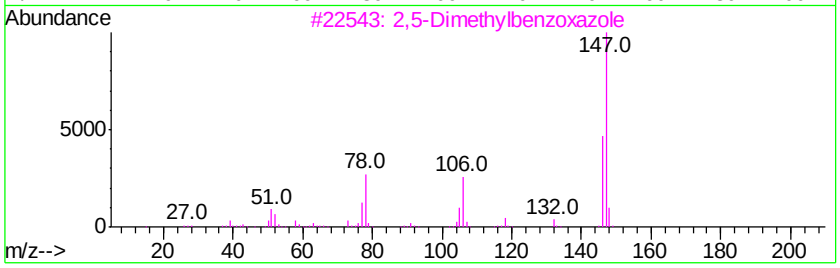
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.27 ng/ul	330746	Phenanthrene-d10	17.10

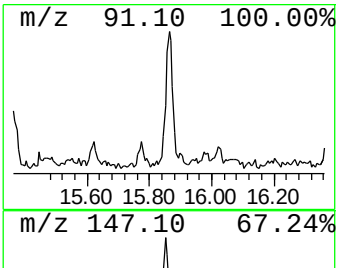
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	60
2	6-Amino-2-methyl-2H-indazole	147	C8H9N3	050593-30-1	47
3	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	47
4	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	47
5	Quinoline, 1,2,3,4-tetrahydro-3-...	147	C10H13N	020668-20-6	47

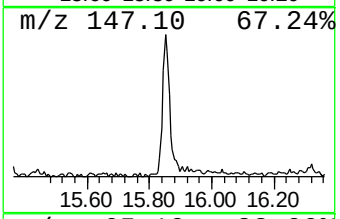


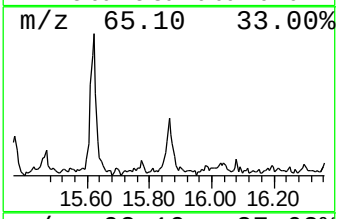


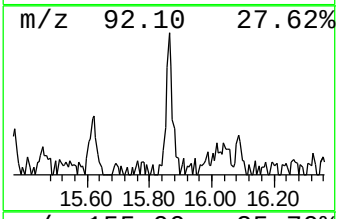


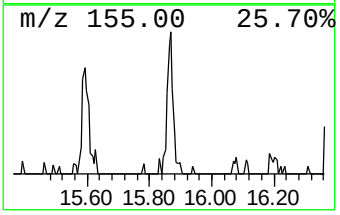












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Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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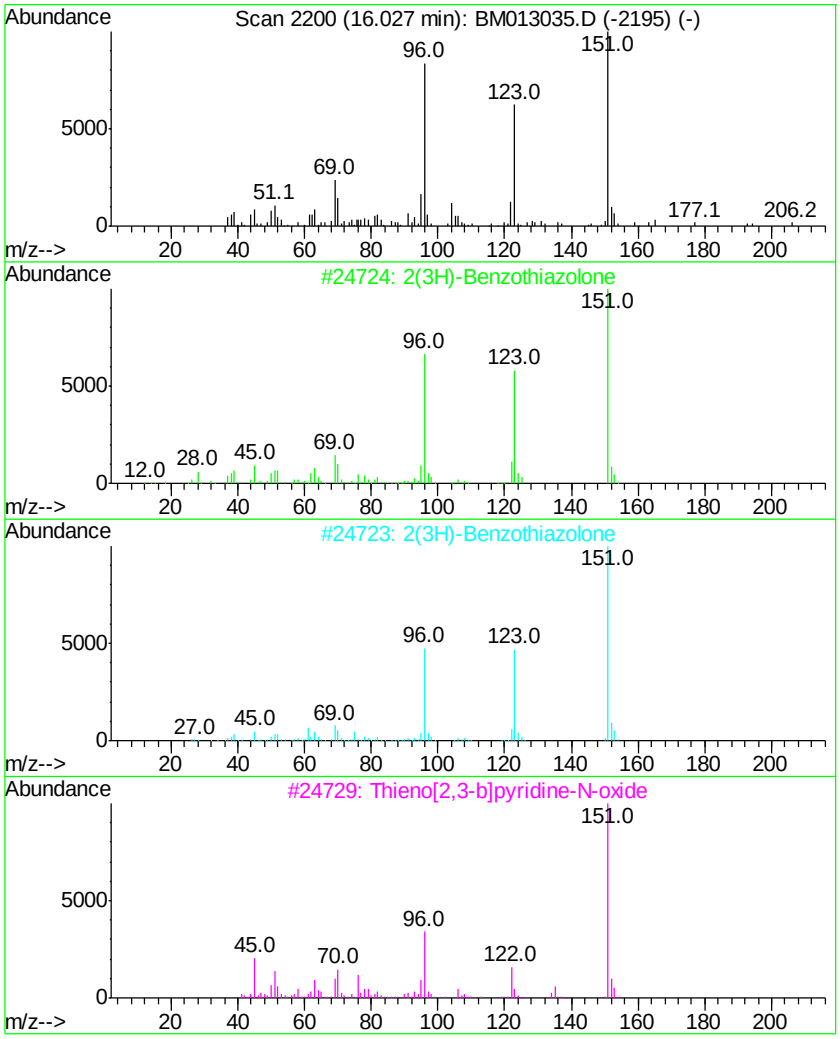
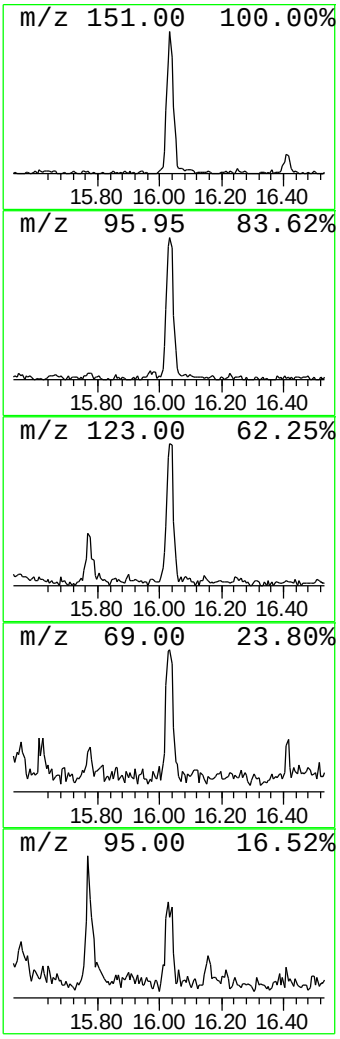
Peak Number 29 2(3H)-Benzothiazolone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.24 ng/ul	327163	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	93
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	58
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	58
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	47
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	38





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Quant Title : SVOA CALIBRATION

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

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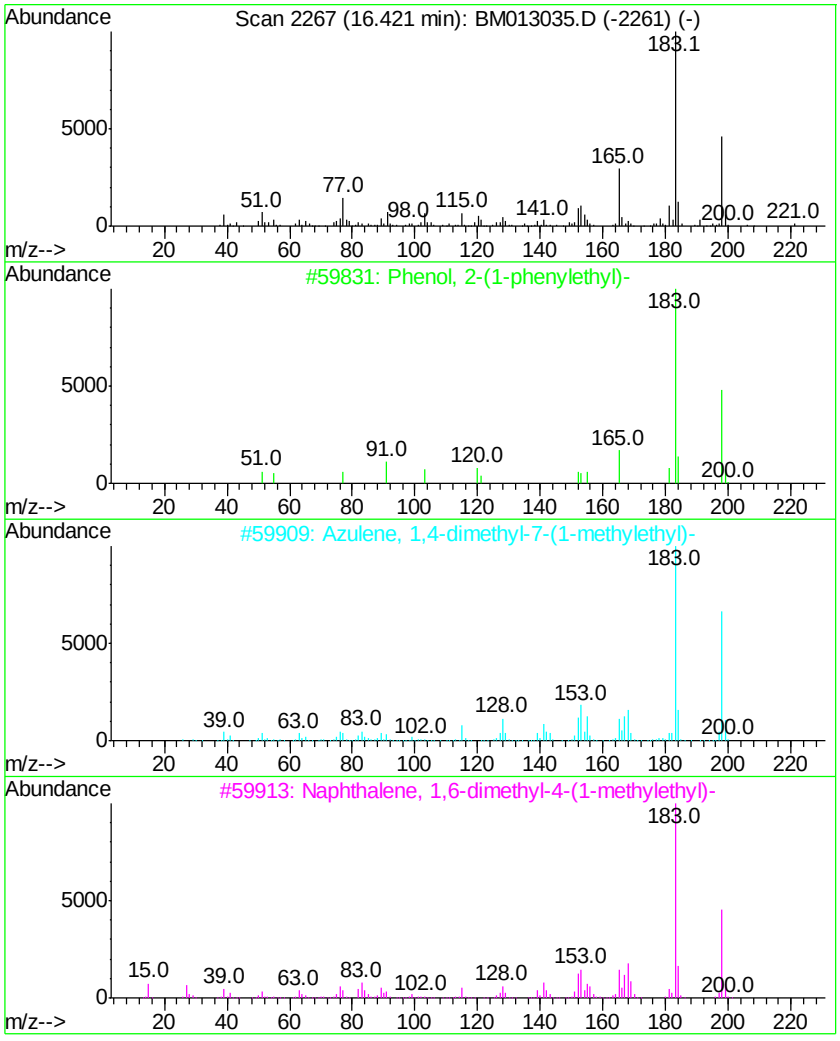
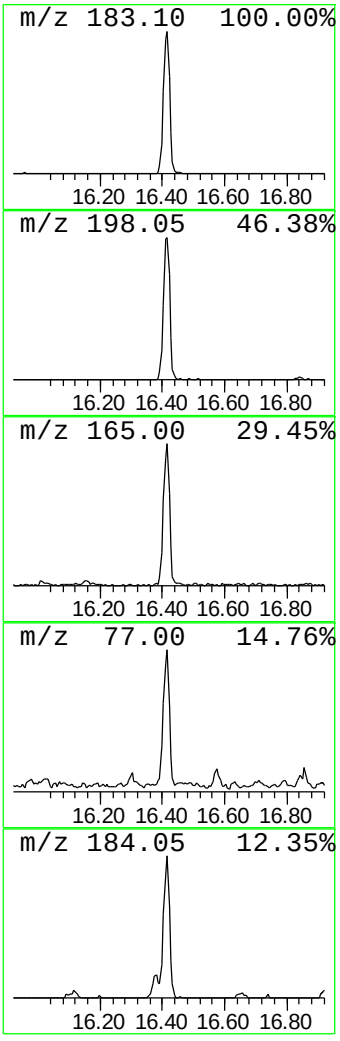
Peak Number 30 Phenol, 2-(1-phenylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	10.42 ng/ul	1052720	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	87
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	83
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	83
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	83
5	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	80





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

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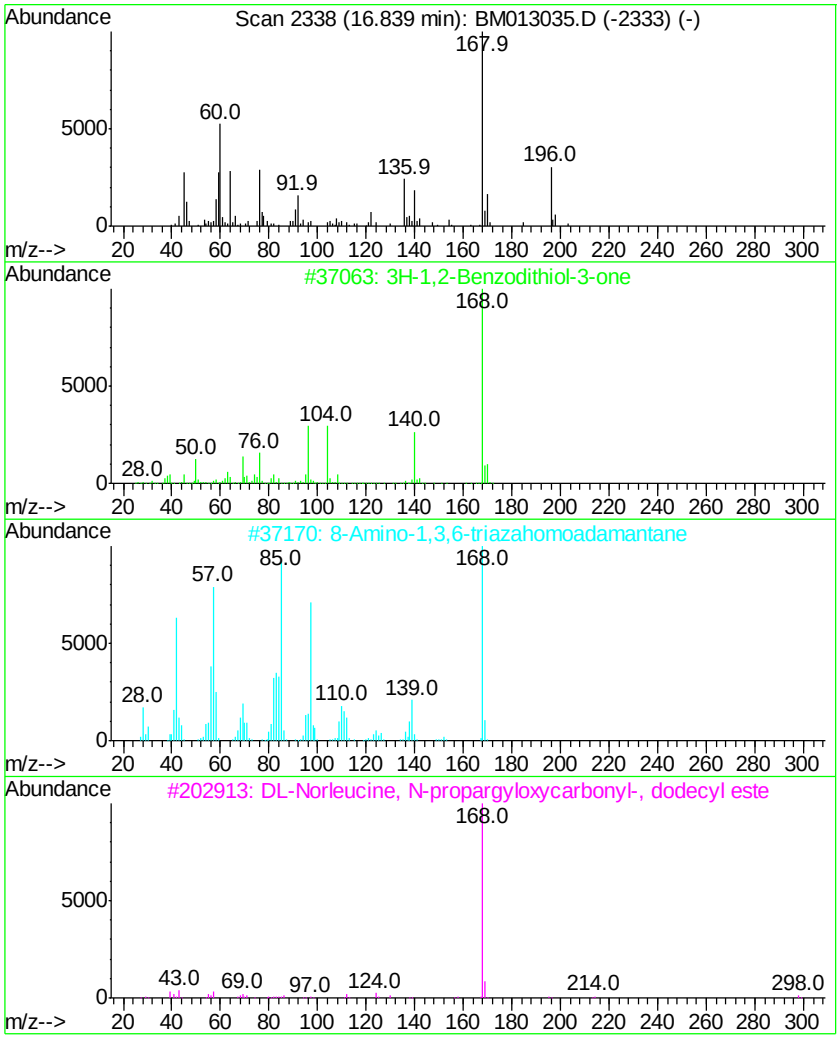
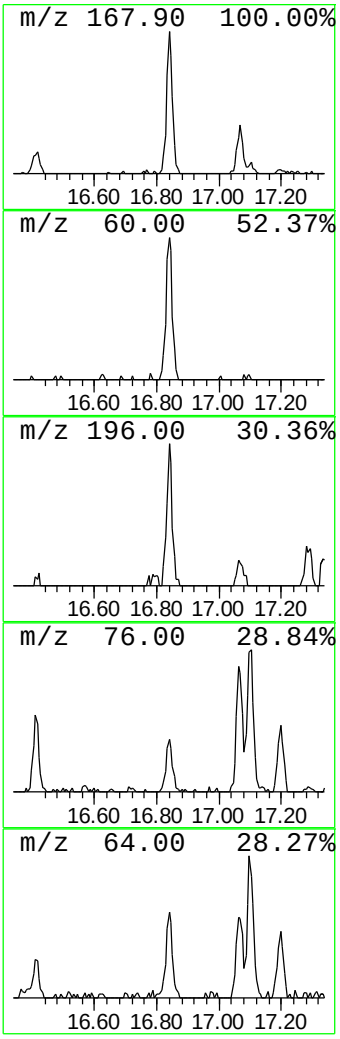
Peak Number 31 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.78 ng/ul	280451	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Benzodithiol-3-one	168	C7H4OS2	001677-27-6	22
2	8-Amino-1,3,6-triazahomoadamantane	168	C8H16N4	130913-33-6	14
3	DL-Norleucine, N-propargyloxycar...	381	C22H39NO4	1000344-07-9	14
4	l-Norleucine, n-propargyloxycarb...	353	C20H35NO4	1000329-60-8	14
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	14





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Quant Title : SVOA CALIBRATION

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

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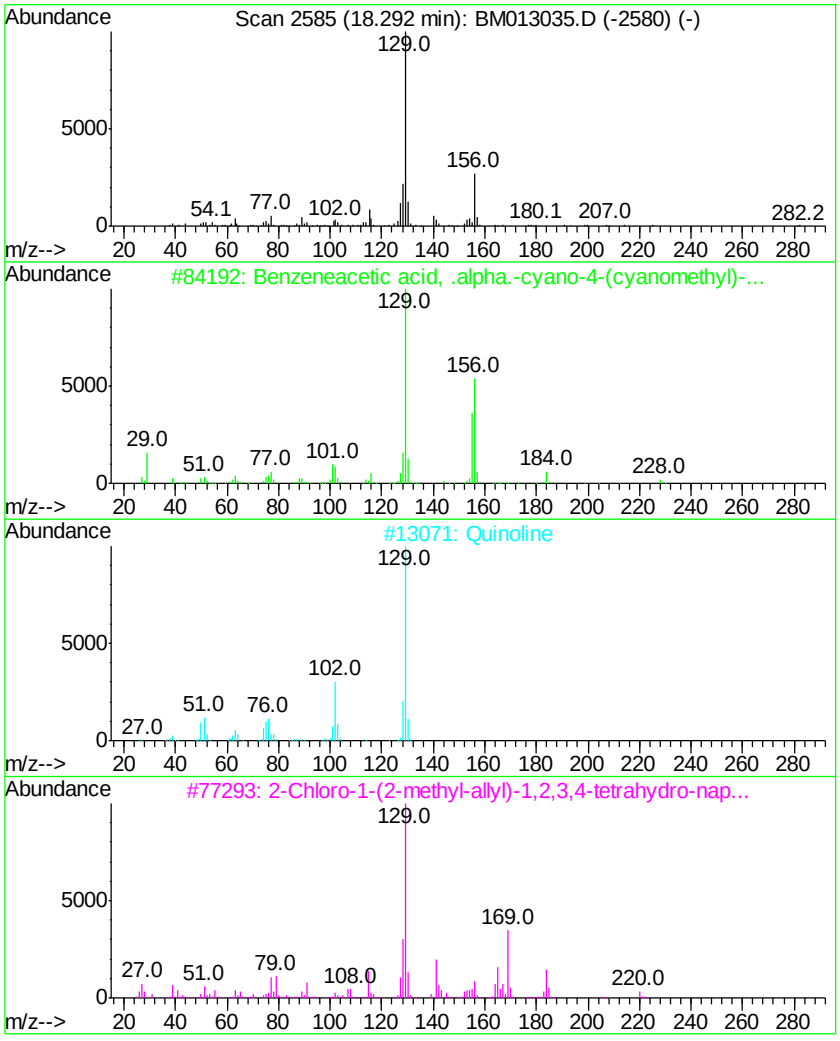
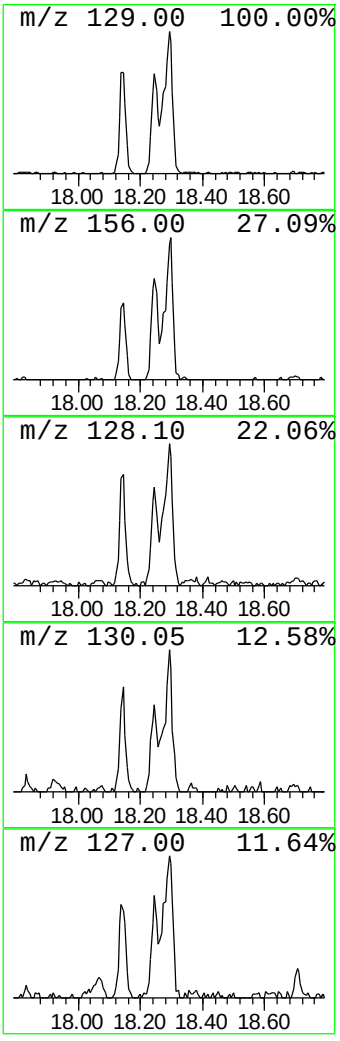
Peak Number 34 Benzeneacetic acid, .alpha.... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	5.73 ng/ul	579093	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	56
2	Quinoline	129	C9H7N	000091-22-5	50
3	2-Chloro-1-(2-methyl-allyl)-1,2,...	220	C14H17Cl	1000185-82-6	50
4	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	45
5	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	42





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Quant Title : SVOA CALIBRATION

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

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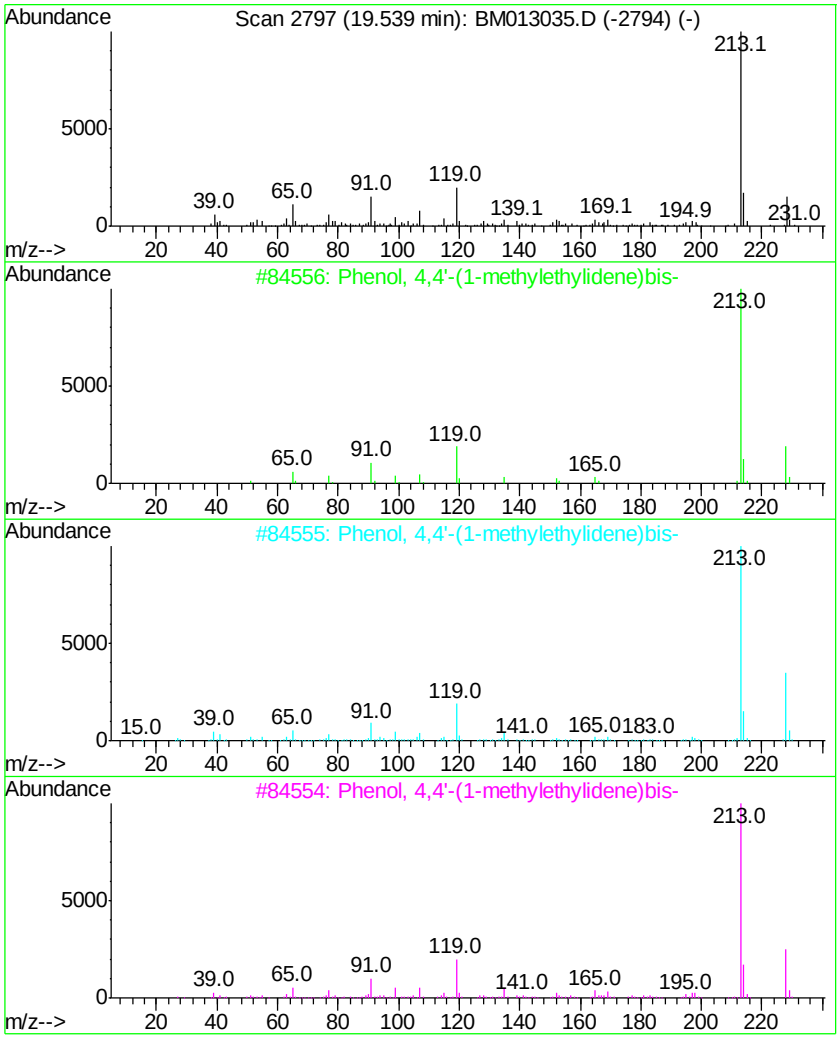
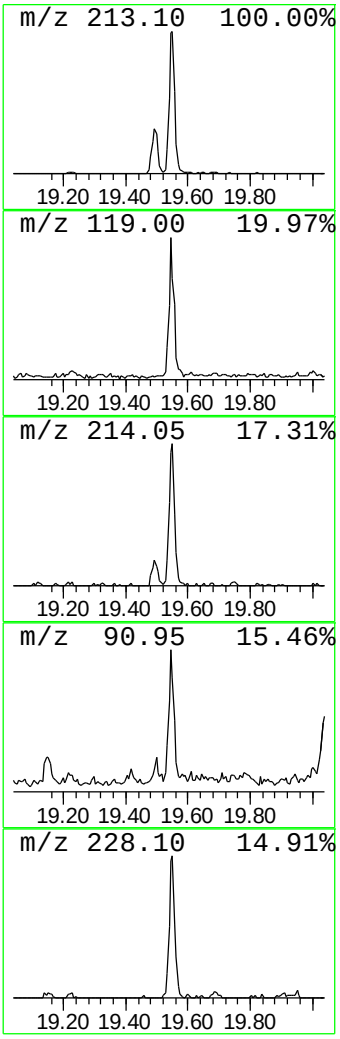
Peak Number 35 Phenol, 4,4'-(1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	4.43 ng/ul	620936	Chrysene-d12	21.29

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	91
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	86
4	Diphenolic acid	286	C17H18O4	000126-00-1	64
5	3-Chloro-N,N-diethyl-4-nitroaniline	228	C10H13ClN2O2	1000110-36-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
Data File : BM013035.D
Acq On : 18 Nov 2017 12:11
Operator : SJ/JU
Sample : I6405-20 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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-methy...	6.22	13.2	ng/ul	765660	1	7.72	1160090	20.0
3-Heptanone, 6-me...	6.40	3.5	ng/ul	205928	1	7.72	1160090	20.0
Benzyl chloride	6.70	7.2	ng/ul	419748	1	7.72	1160090	20.0
Mesitylene	6.95	2.4	ng/ul	137681	1	7.72	1160090	20.0
Benzene, 1,2,4-tr...	7.11	4.5	ng/ul	259788	1	7.72	1160090	20.0
Benzene, 1,2,3-tr...	7.37	15.2	ng/ul	883155	1	7.72	1160090	20.0
unknown-01	7.92	2.8	ng/ul	164962	1	7.72	1160090	20.0
Indane	8.09	3.7	ng/ul	212321	1	7.72	1160090	20.0
Benzene, 1,4-diet...	8.20	3.9	ng/ul	226479	1	7.72	1160090	20.0
Benzene, 4-ethyl-...	8.82	2.9	ng/ul	168735	1	7.72	1160090	20.0
unknown-02	8.95	4.4	ng/ul	253645	1	7.72	1160090	20.0
3-Octanol, 3,7-di...	9.03	4.3	ng/ul	249956	1	7.72	1160090	20.0
Cyclohexanemethan...	9.87	2.4	ng/ul	157808	2	10.50	1342260	20.0
(+)-2-Bornanone	9.92	6.3	ng/ul	420837	2	10.50	1342260	20.0
Phenol, 2,6-dimet...	9.98	2.0	ng/ul	137586	2	10.50	1342260	20.0
1,6-Octadiene, 2,...	10.90	2.2	ng/ul	148677	2	10.50	1342260	20.0
Benzene, 1-etheny...	11.19	3.2	ng/ul	215356	2	10.50	1342260	20.0
Phenol, p-tert-bu...	11.85	18.6	ng/ul	1248830	2	10.50	1342260	20.0
Tripropyl phosphate	12.89	3.2	ng/ul	296868	3	14.36	1841630	20.0
Diphenyl ether	13.41	2.8	ng/ul	259026	3	14.36	1841630	20.0
7-Methoxymethyl-2...	13.85	18.5	ng/ul	1700530	3	14.36	1841630	20.0
Benzimidazole, 2-...	15.86	3.3	ng/ul	330746	4	17.10	2020930	20.0
2(3H)-Benzothiazo...	16.03	3.2	ng/ul	327163	4	17.10	2020930	20.0
Phenol, 2-(1-phen...	16.42	10.4	ng/ul	1052720	4	17.10	2020930	20.0
unknown-03	16.84	2.8	ng/ul	280451	4	17.10	2020930	20.0
Benzeneacetic aci...	18.29	5.7	ng/ul	579093	4	17.10	2020930	20.0
Phenol, 4,4'-(1-m...	19.54	4.4	ng/ul	620936	5	21.29	2800800	20.0