LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013082.D
Acq On : 22 Nov 2017 13:11
Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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	5.063	329	336	345	rBV	1601287	2389939	17.42%	1.578%
2	5.404	386	394	398	rBV	238792	429017	3.13%	0.283%
3	5.457	398	403	409	rVB2	398314	555774	4.05%	0.367%
4	6.398	554	563	574	rBV	1072277	1674972	12.21%	1.106%
5	6.728	612	619	629	rVB3	140658	341061	2.49%	0.225%
6	6.892	636	647	651	rBV2	336845	716388	5.22%	0.473%
7	7.051	669	674	679	rBV	931728	1456336	10.61%	0.961%
8	7.104	679	683	687	rVV	262574	464518	3.39%	0.307%
9	7.145	687	690	695	rVB3	271722	386226	2.81%	0.255%
10	7.251	702	708	717	rBV2	1206914	2117528	15.43%	1.398%
11	7.363	721	727	731	rBV	365465	550028	4.01%	0.363%
12	7.422	731	737	742	rVB2	514440	815646	5.94%	0.538%
13	7.716	777	787	791	rBV	965472	1803593	13.14%	1.191%
14	7.828	801	806	810	rBV	269195	424887	3.10%	0.281%
15	7.916	816	821	830	rVB	953226	1431970	10.44%	0.945%
16	8.081	841	849	857	rVB	1378553	2397505	17.47%	1.583%
17	8.422	901	907	916	rVB	956117	1620945	11.81%	1.070%
18	8.704	949	955	961	rVB4	280481	522480	3.81%	0.345%
19	8.810	968	973	977	rBV	366295	557461	4.06%	0.368%
20	8.869	977	983	991	rVV	1285015	2338591	17.04%	1.544%
21	8.945	991	996	1007	rVB5	619777	1366644	9.96%	0.902%
22	9.204	1035	1040	1046	rVB2	304195	501141	3.65%	0.331%
23	9.498	1079	1090	1092	rBV3	387446	809264	5.90%	0.534%
24	9.527	1092	1095	1099	rVV	371082	569140	4.15%	0.376%
25	9.580	1099	1104	1111	rVB	1088183	1785878	13.01%	1.179%
26	9.745	1126	1132	1141	rBV3	368945	710394	5.18%	0.469%
27	9.869	1148	1153	1156	rBV	431353	719877	5.25%	0.475%
28	9.916	1156	1161	1168	rVV4	479433	1183759	8.63%	0.781%
29	9.992	1168	1174	1180	rVV	2013062	3320294	24.20%	2.192%
30	10.122	1189	1196	1204	rBV	1764060	2947535	21.48%	1.946%
31	10.239	1204	1216	1224	rBV8	382724	1222535	8.91%	0.807%
32	10.310	1224	1228	1237	rVB	361488	581300	4.24%	0.384%
33	10.492	1253	1259	1264	rBV	1285441	2244659	16.36%	1.482%
34	10.545	1264	1268	1277	rVV	1358050	2348880	17.12%	1.551%

LSC Area Percent Report

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Sample : I6526-03
Misc :
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Instrument : BNA_M
ClientSampleId : BE300

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	10.663	1281	1288	1293	rVB4	215726	493008	3.59%	0.325%
36	10.857	1315	1321	1325	rBV5	192742	416418	3.03%	0.275%
37	10.904	1325	1329	1336	rVB	682406	1147121	8.36%	0.757%
38	11.086	1356	1360	1368	rVB3	210030	421108	3.07%	0.278%
39	11.521	1424	1434	1443	rBV3	117446	392491	2.86%	0.259%
40	11.698	1458	1464	1472	rBV8	240927	613379	4.47%	0.405%
41	11.851	1480	1490	1495	rBV	1473231	2807991	20.46%	1.854%
42	12.163	1538	1543	1547	rVB	224991	333786	2.43%	0.220%
43	12.327	1563	1571	1575	rVV5	346211	830912	6.06%	0.549%
44	12.380	1575	1580	1588	rVB	964291	1605346	11.70%	1.060%
45	12.751	1638	1643	1653	rBV2	471956	864585	6.30%	0.571%
46	12.992	1679	1684	1694	rVB	1260222	1779720	12.97%	1.175%
47	13.351	1733	1745	1751	rBV9	156976	450728	3.28%	0.298%
48	13.480	1761	1767	1771	rVV4	292349	530375	3.87%	0.350%
49	13.639	1789	1794	1797	rVV4	180079	384378	2.80%	0.254%
50	13.727	1804	1809	1811	rVV2	322024	419845	3.06%	0.277%
51	13.768	1811	1816	1823	rVV	3220711	4939451	36.00%	3.261%
52	13.898	1823	1838	1846	rVV2	4595942	13722072	100.00%	9.059%
53	13.968	1846	1850	1853	rVV	294319	486320	3.54%	0.321%
54	13.998	1853	1855	1858	rVV2	243893	339864	2.48%	0.224%
55	14.045	1858	1863	1871	rVB	3957408	5730970	41.76%	3.783%
56	14.139	1874	1879	1883	rVB	279364	415913	3.03%	0.275%
57	14.351	1908	1915	1920	rBV3	2091872	3552991	25.89%	2.346%
58	14.410	1923	1925	1931	rVV	514365	762100	5.55%	0.503%
59	14.580	1949	1954	1960	rBV	331830	576382	4.20%	0.381%
60	14.715	1973	1977	1979	rBV2	246840	339387	2.47%	0.224%
61	14.751	1980	1983	1997	rVB6	343074	670382	4.89%	0.443%
62	14.968	2016	2020	2028	rVB	398030	569372	4.15%	0.376%
63	15.109	2039	2044	2048	rBV	259781	432884	3.15%	0.286%
64	15.351	2079	2085	2092	rVB	4272305	6237148	45.45%	4.118%
65	15.468	2096	2105	2118	rBV2	1387590	2731198	19.90%	1.803%
66	15.592	2123	2126	2131	rVV2	227188	342338	2.49%	0.226%
67	15.651	2132	2136	2143	rVV2	373200	651149	4.75%	0.430%
68	15.715	2143	2147	2152	rVV	417570	634299	4.62%	0.419%
69	15.868	2167	2173	2182	rVB2	1313504	2238931	16.32%	1.478%
70	15.962	2185	2189	2191	rBV	280642	357883	2.61%	0.236%
71	16.051	2197	2204	2208	rBV3	570671	1267040	9.23%	0.836%

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Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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	16.409	2262	2265	2269	rVB	470614	593150	4.32%	0.392%
73	16.574	2289	2293	2297	rVB	322549	400330	2.92%	0.264%
74	16.627	2297	2302	2305	rBV2	460269	671244	4.89%	0.443%
75	16.786	2325	2329	2335	rVV2	330523	503930	3.67%	0.333%
76	17.098	2376	2382	2393	rBV2	2503770	3716314	27.08%	2.453%
77	17.198	2393	2399	2408	rVV2	4641230	6498153	47.36%	4.290%
78	17.274	2408	2412	2420	rVV3	184509	386047	2.81%	0.255%
79	17.356	2421	2426	2433	rVB6	271356	573253	4.18%	0.378%
80	17.633	2469	2473	2477	rVB	545855	681275	4.96%	0.450%
81	17.786	2493	2499	2504	rVV2	481288	795582	5.80%	0.525%
82	17.974	2522	2531	2534	rBV	322540	504603	3.68%	0.333%
83	18.009	2534	2537	2542	rVB2	269915	338938	2.47%	0.224%
84	18.145	2555	2560	2568	rVB	1217809	2029193	14.79%	1.340%
85	18.245	2572	2577	2580	rVV	778457	1188921	8.66%	0.785%
86	18.298	2580	2586	2592	rVV	1788417	2954822	21.53%	1.951%
87	19.227	2738	2744	2749	rBV2	1019820	1437465	10.48%	0.949%
88	19.292	2750	2755	2758	rBV2	519340	687341	5.01%	0.454%
89	19.492	2784	2789	2795	rVV	5110809	6716448	48.95%	4.434%
90	19.550	2795	2799	2807	rVB	1325894	1728070	12.59%	1.141%
91	19.721	2823	2828	2829	rVV	378802	511635	3.73%	0.338%
92	19.744	2829	2832	2836	rVV2	545782	739883	5.39%	0.488%
93	19.797	2837	2841	2851	rVB	344315	590671	4.30%	0.390%
94	19.909	2856	2860	2864	rVV	352315	474049	3.45%	0.313%
95	19.950	2864	2867	2872	rVV	553464	693887	5.06%	0.458%
96	20.003	2872	2876	2883	rVB4	361347	456754	3.33%	0.302%
97	21.280	3088	3093	3099	rBV	2705950	3415867	24.89%	2.255%
98	21.409	3111	3115	3119	rVB	1014252	1188686	8.66%	0.785%
99	23.374	3442	3449	3455	rBV2	2523836	4626064	33.71%	3.054%
100	23.515	3466	3473	3481	rVB	1327161	2574862	18.76%	1.700%

Sum of corrected areas: 151472867

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013082.D
Acq On : 22 Nov 2017 13:11
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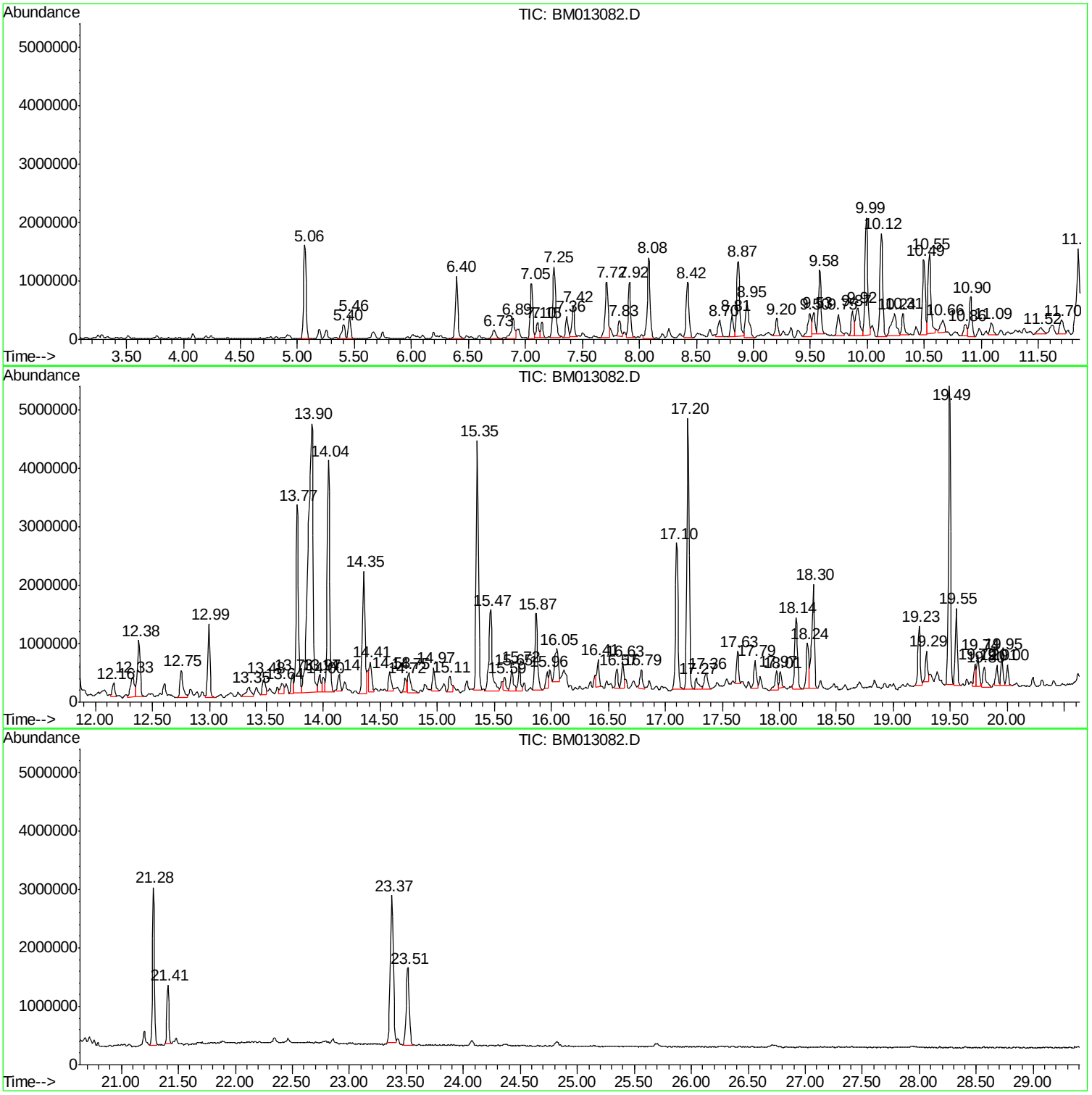
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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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Quant Title : SVOA CALIBRATION

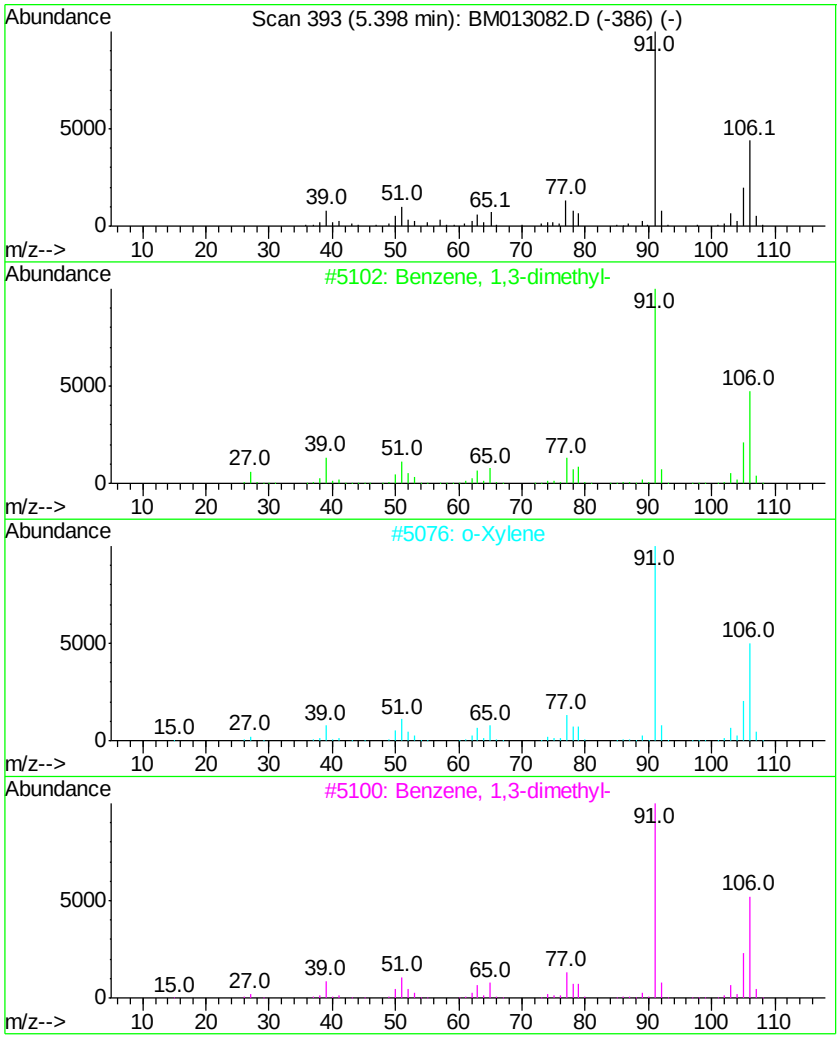
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

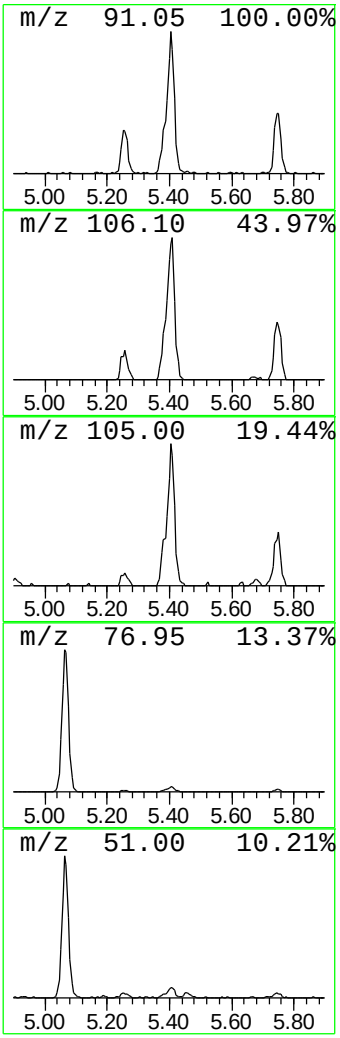
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	4.76 ng/ul	429017	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013082.D
Acq On : 22 Nov 2017 13:11
Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

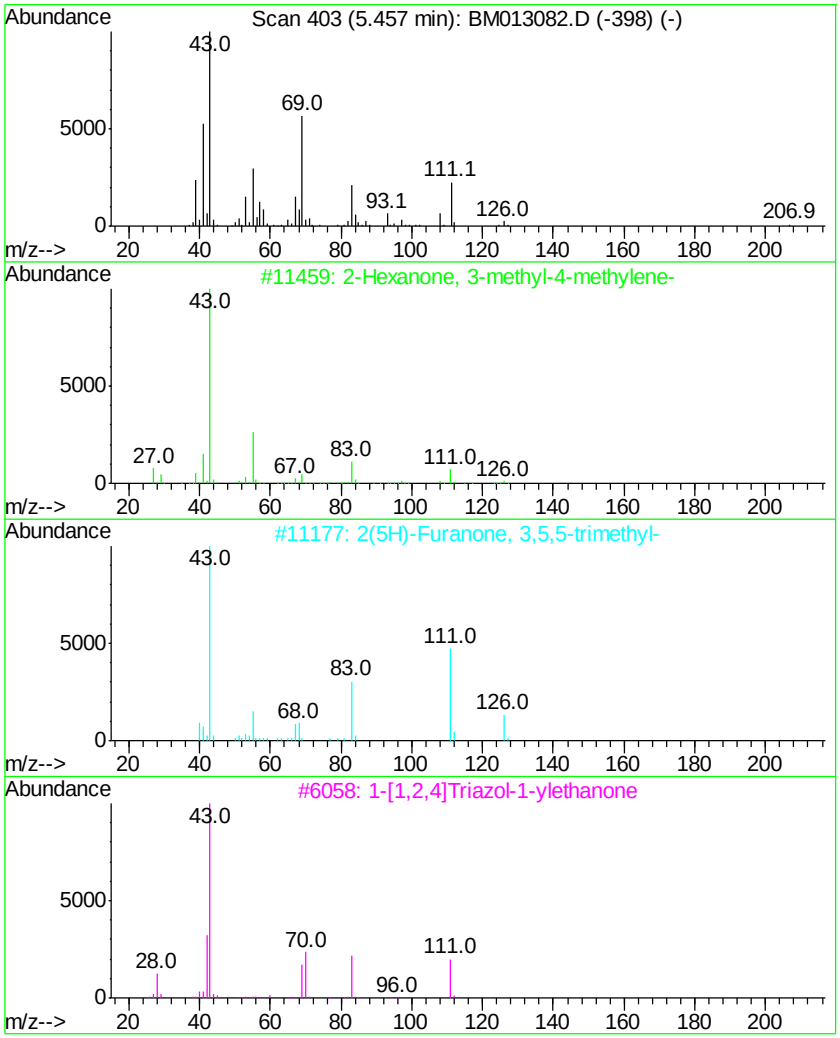
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

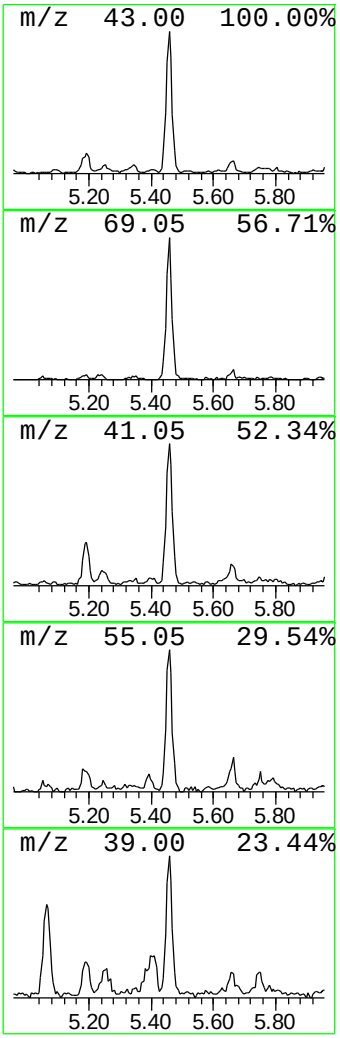
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Hexanone, 3-methyl-4-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	6.16 ng/ul	555774	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-methyl-4-methylene-	126	C8H14O	020690-71-5	59
2	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	49
3	1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	47
4	7-Octen-2-one	126	C8H14O	003664-60-6	25
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	16





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Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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

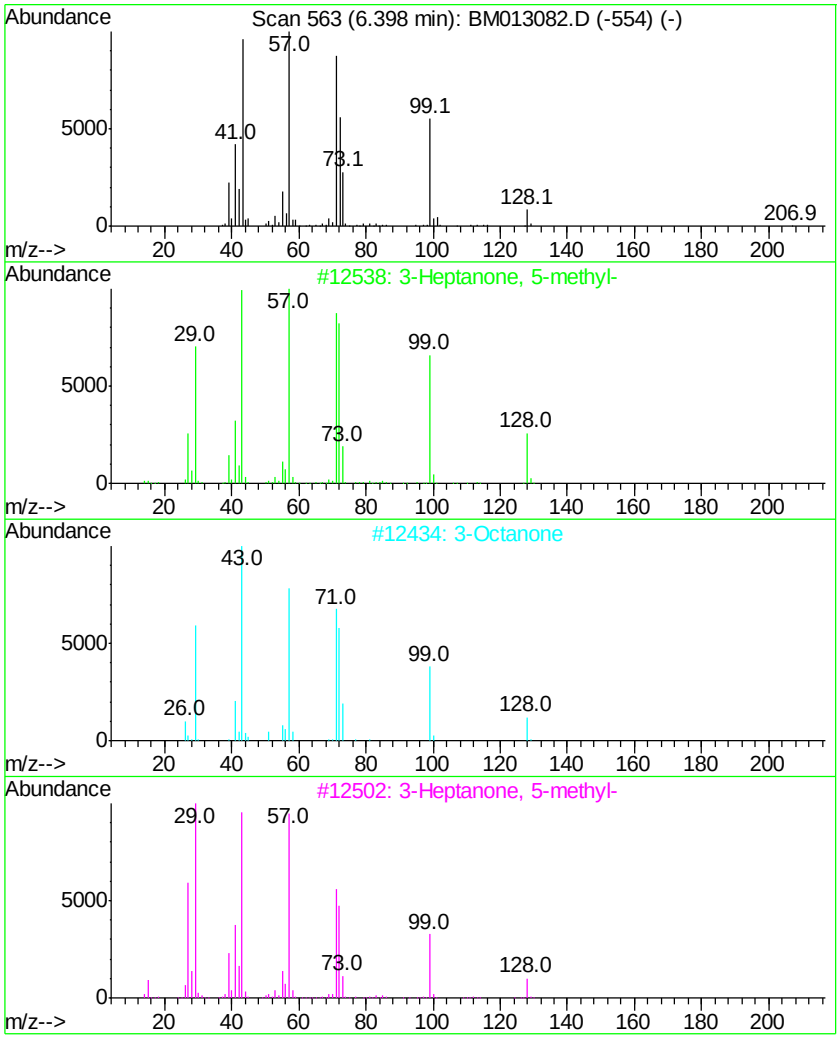
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

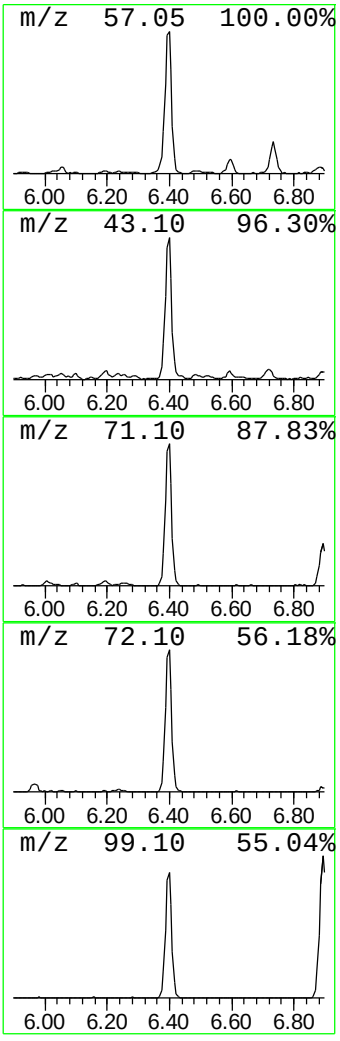
****

Peak Number 4 3-Heptanone, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	18.57 ng/ul	1674970	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
2	3-Octanone	128	C8H16O	000106-68-3	59
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	58
4	3-Octanone	128	C8H16O	000106-68-3	58
5	3-Octanone	128	C8H16O	000106-68-3	53





Library Search Compound Report

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Acq On : 22 Nov 2017 13:11
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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

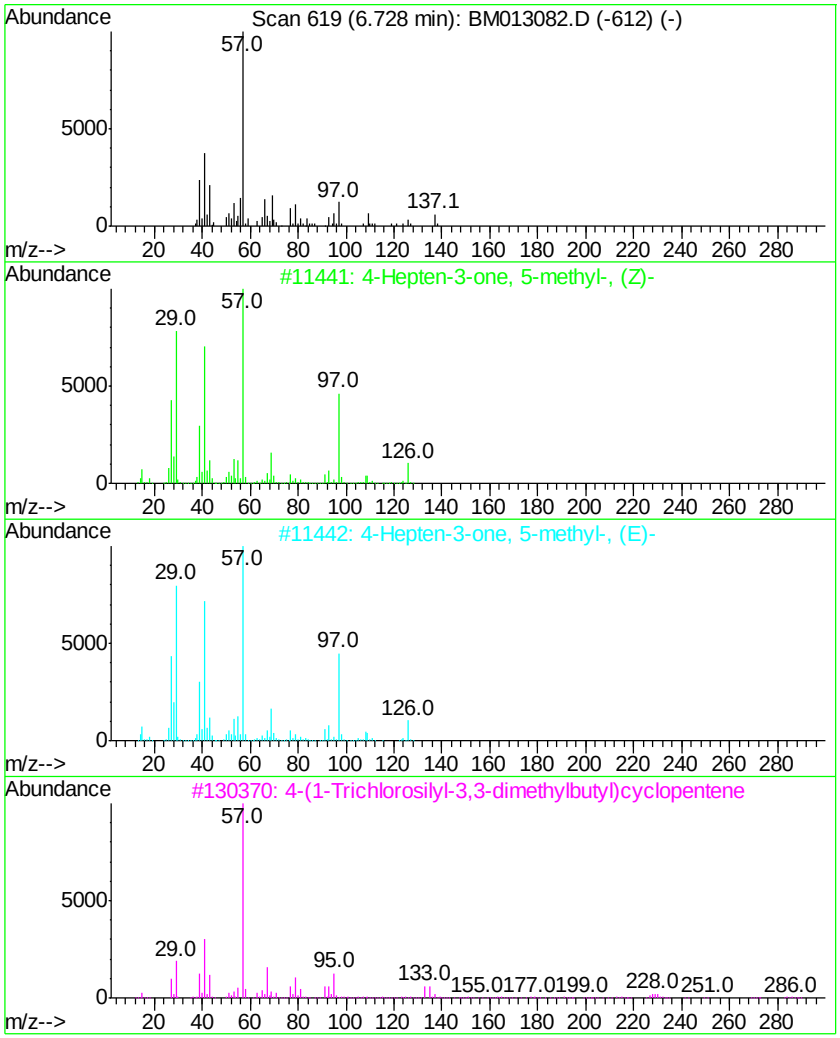
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

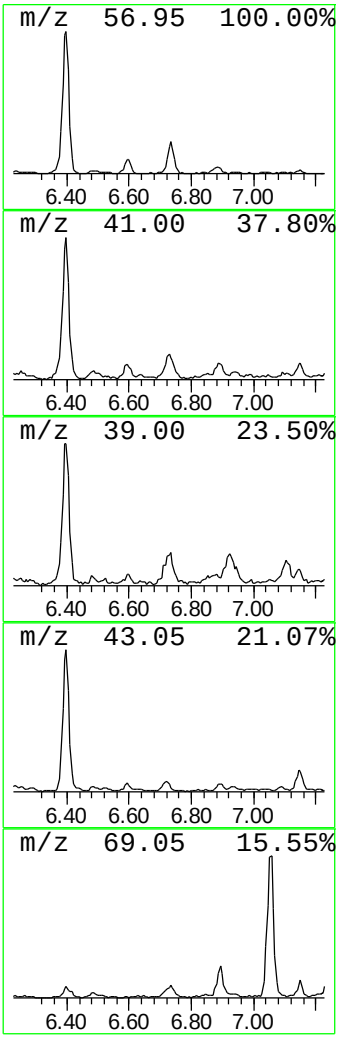
****

Peak Number 5 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	3.78 ng/ul	341061	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hepten-3-one, 5-methyl-, (Z)-	126	C8H14O	020685-43-2	32
2	4-Hepten-3-one, 5-methyl-, (E)-	126	C8H14O	020685-44-3	32
3	4-(1-Trichlorosilyl-3,3-dimethyl...	284	C11H19Cl3Si	161371-69-3	25
4	Cyclohexene, 4-(1,1-dimethylethyl)-	138	C10H18	002228-98-0	25
5	2,2,7,7-Tetramethyl-4,5-dimethyl...	194	C14H26	090822-63-2	17





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013082.D
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Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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

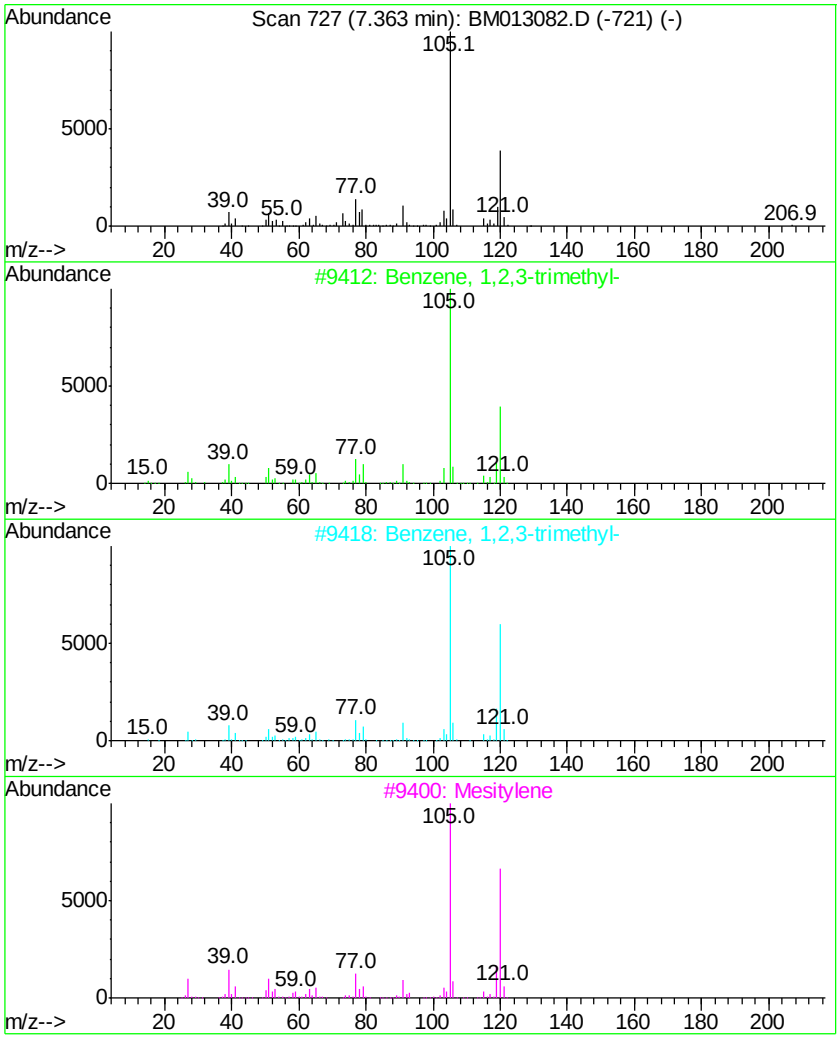
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

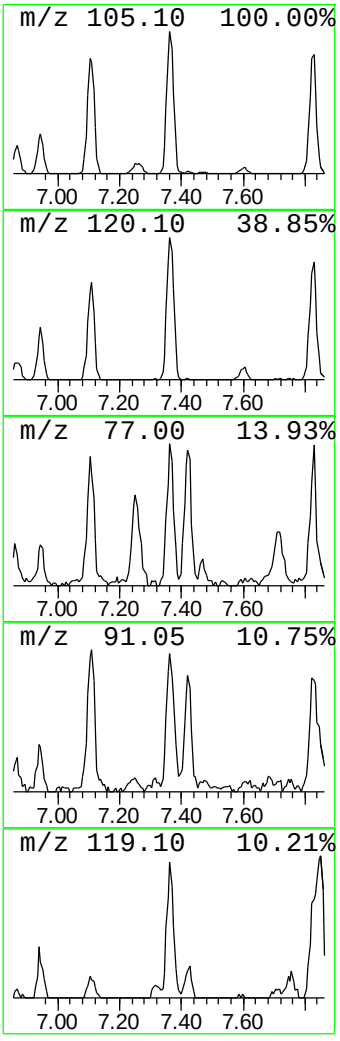
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	6.10 ng/ul	550028	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : I6526-03
Misc :
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ClientSampleId : BE300

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Quant Title : SVOA CALIBRATION

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

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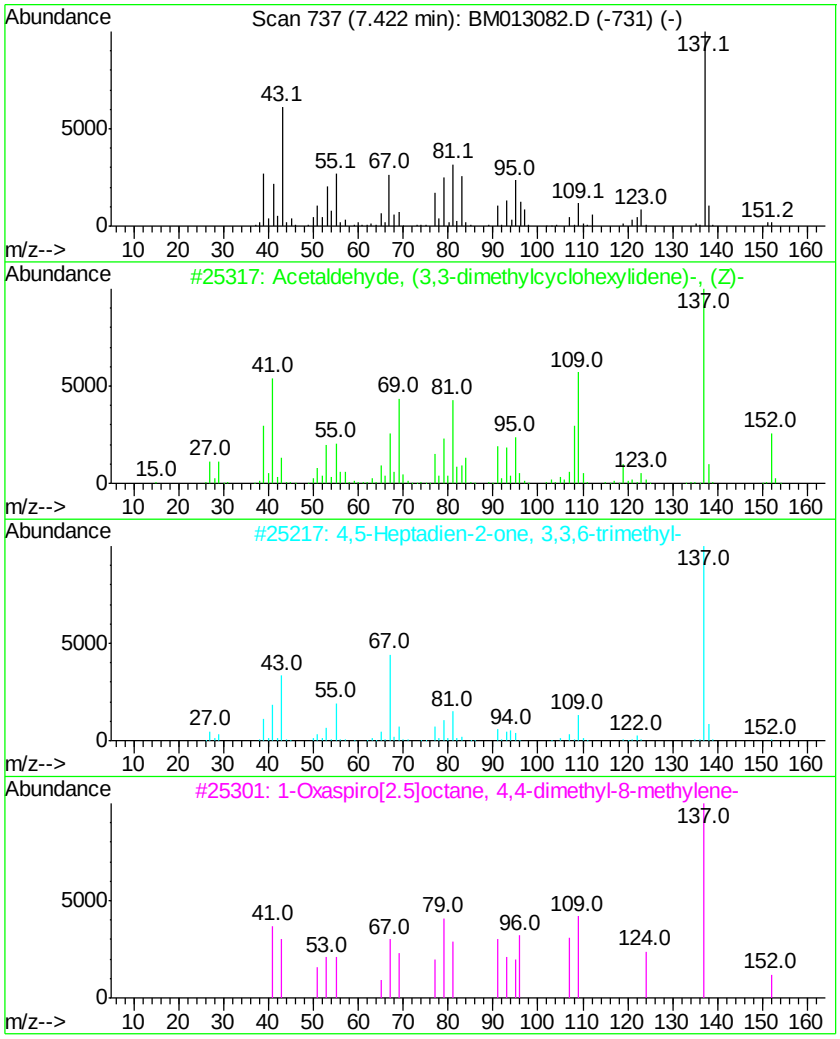
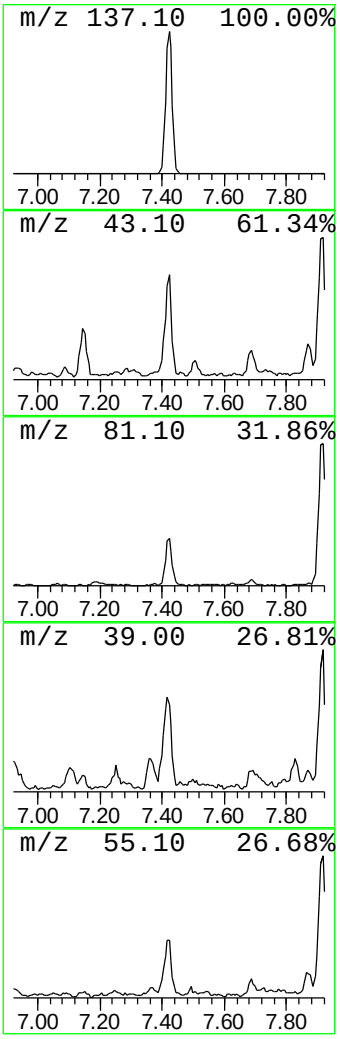
Peak Number 7 Acetaldehyde, (3,3-dimethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	9.04 ng/ul	815646	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	50
2	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	43
3	1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	42
4	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	42
5	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	40





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Quant Title : SVOA CALIBRATION

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

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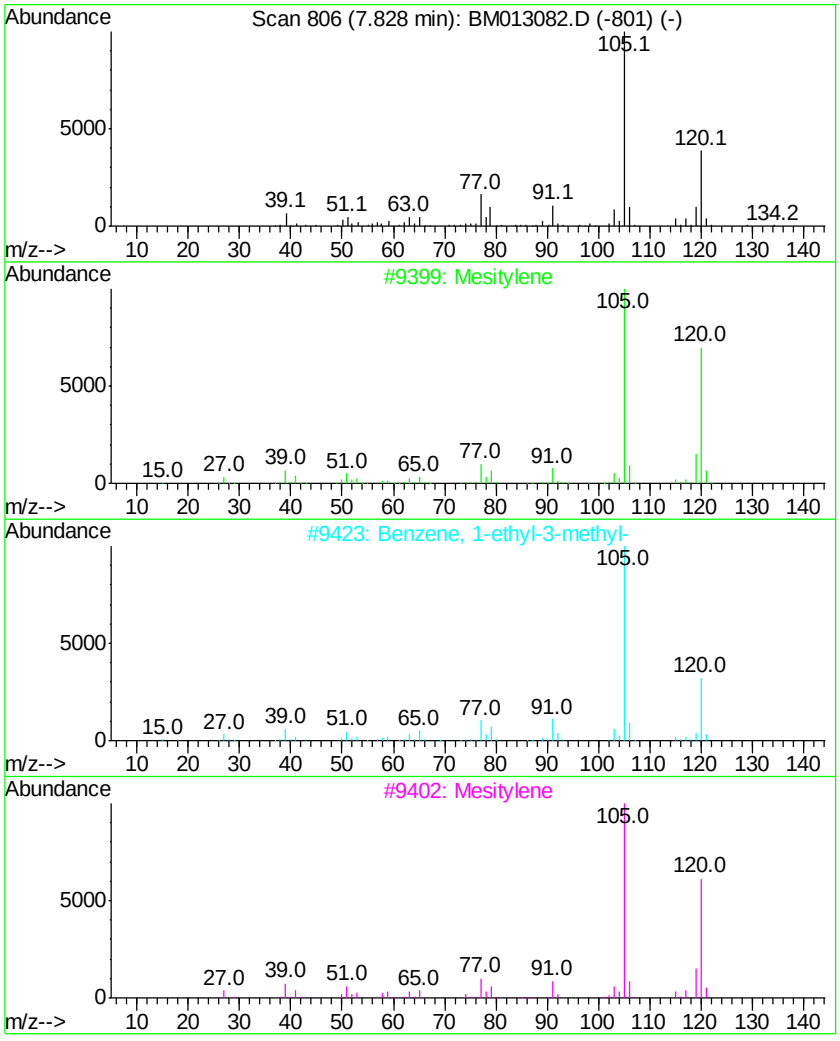
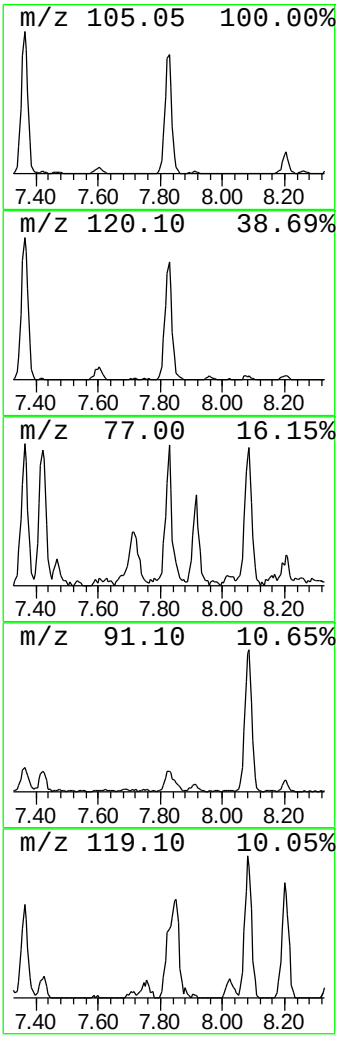
Peak Number 8 Mesitylene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	4.71 ng/ul	424887	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	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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Quant Title : SVOA CALIBRATION

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

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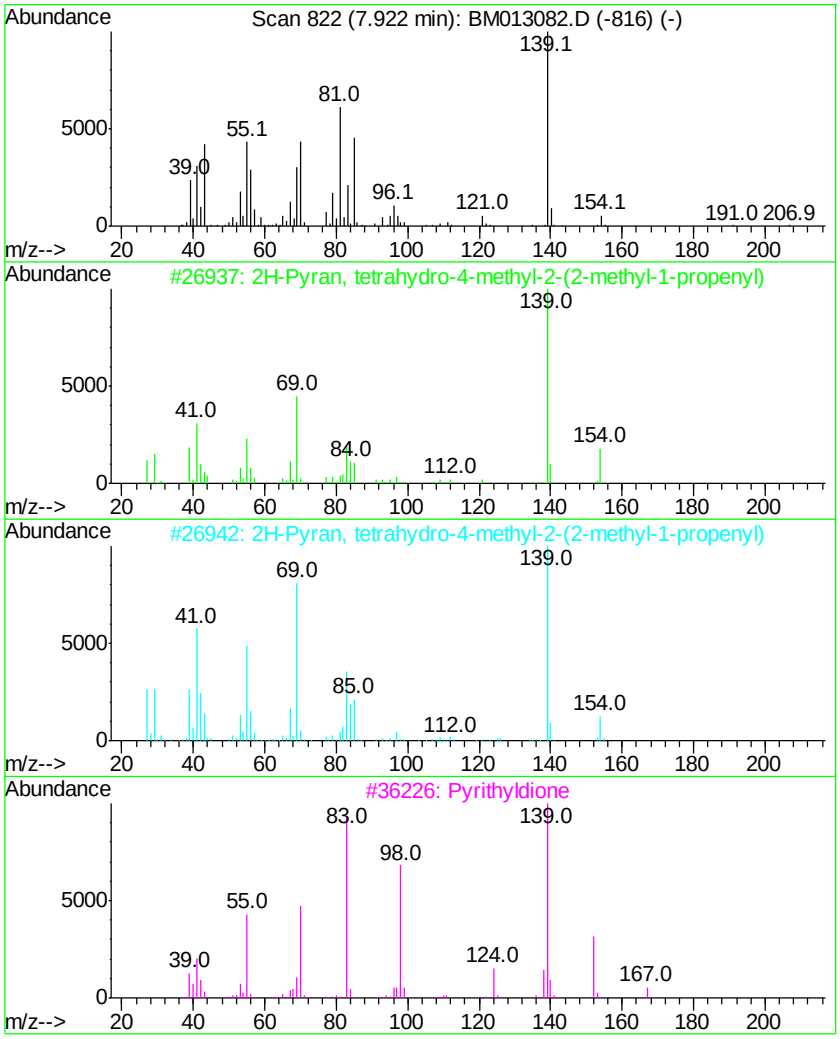
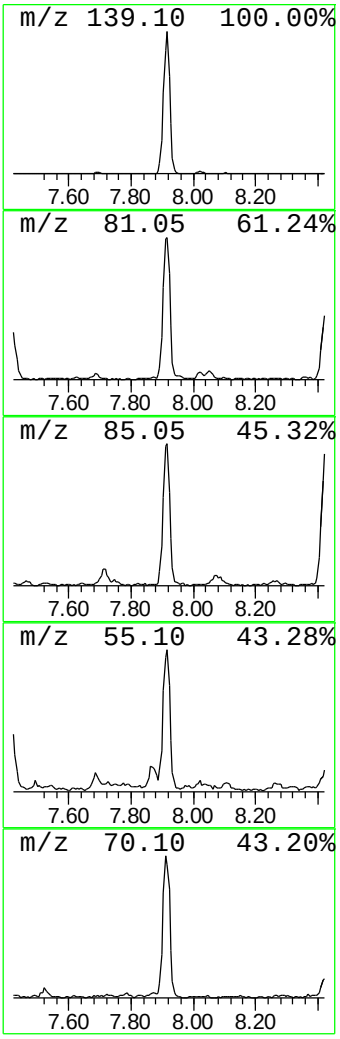
Peak Number 9 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	15.88 ng/ul	1431970	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
3	Pyrithyldione	167	C9H13NO2	000077-04-3	37
4	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	36
5	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	35





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ClientSampleId : BE300

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Quant Title : SVOA CALIBRATION

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

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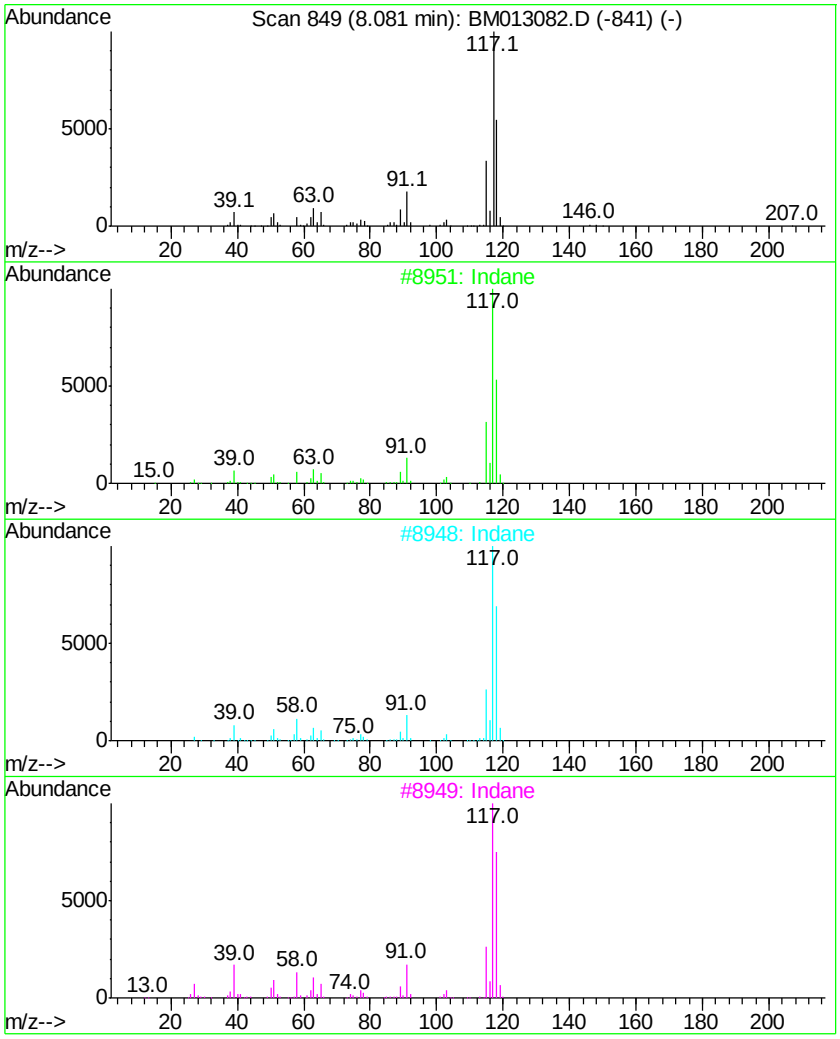
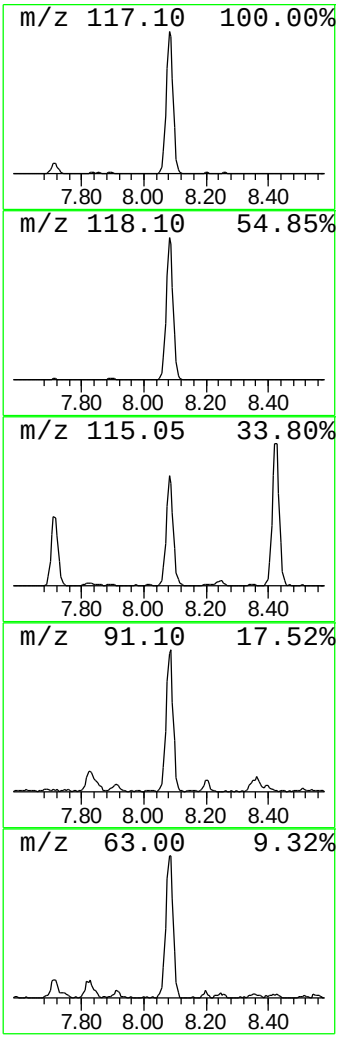
Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	26.59 ng/ul	2397510	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59





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Quant Title : SVOA CALIBRATION

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

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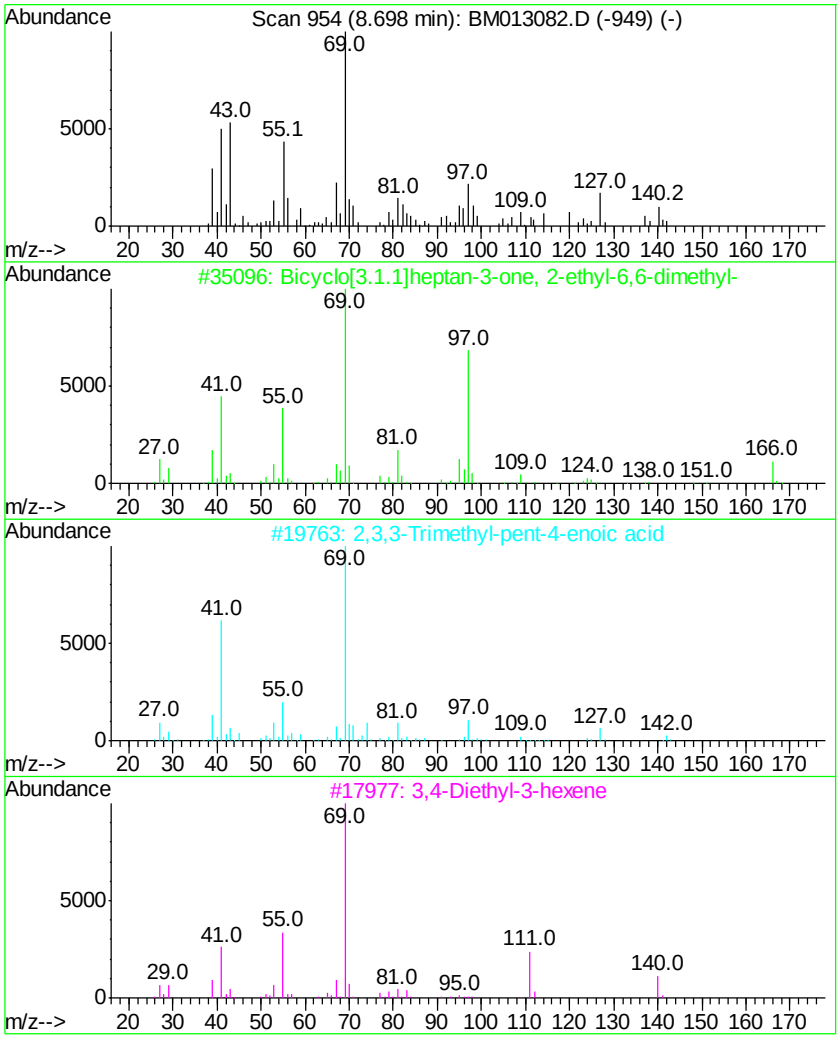
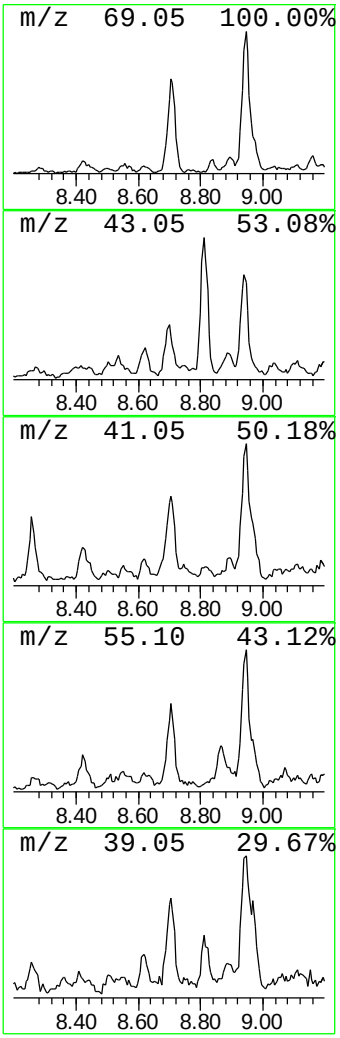
Peak Number 11 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	5.79 ng/ul	522480	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	50
2	2,3,3-Trimethyl-pent-4-enoic acid	142	C8H14O2	061740-75-8	50
3	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	49
4	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	49
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	47





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Quant Title : SVOA CALIBRATION

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

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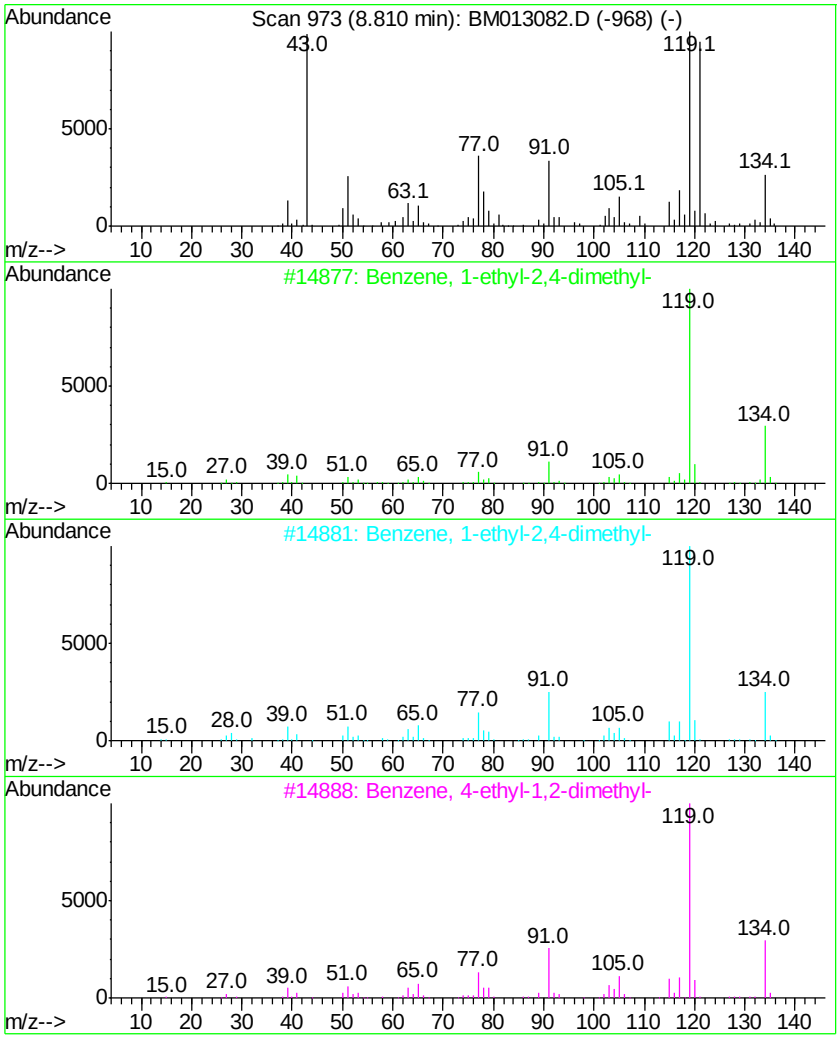
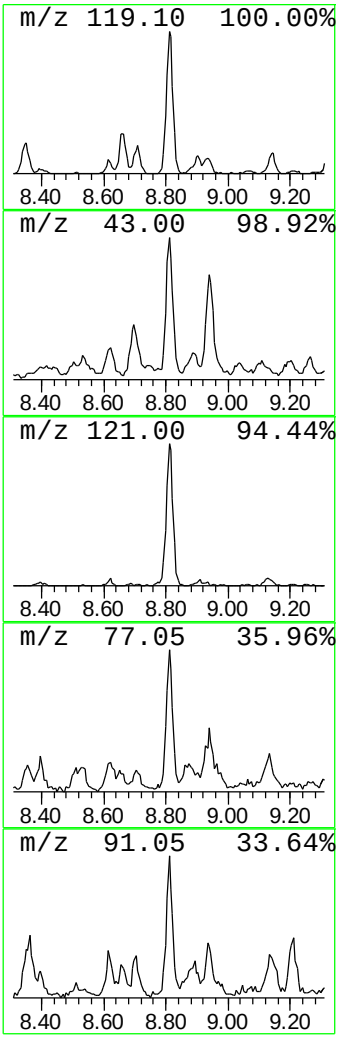
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	6.18 ng/ul	557461	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55





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Instrument : BNA_M
ClientSampleId : BE300

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Quant Title : SVOA CALIBRATION

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

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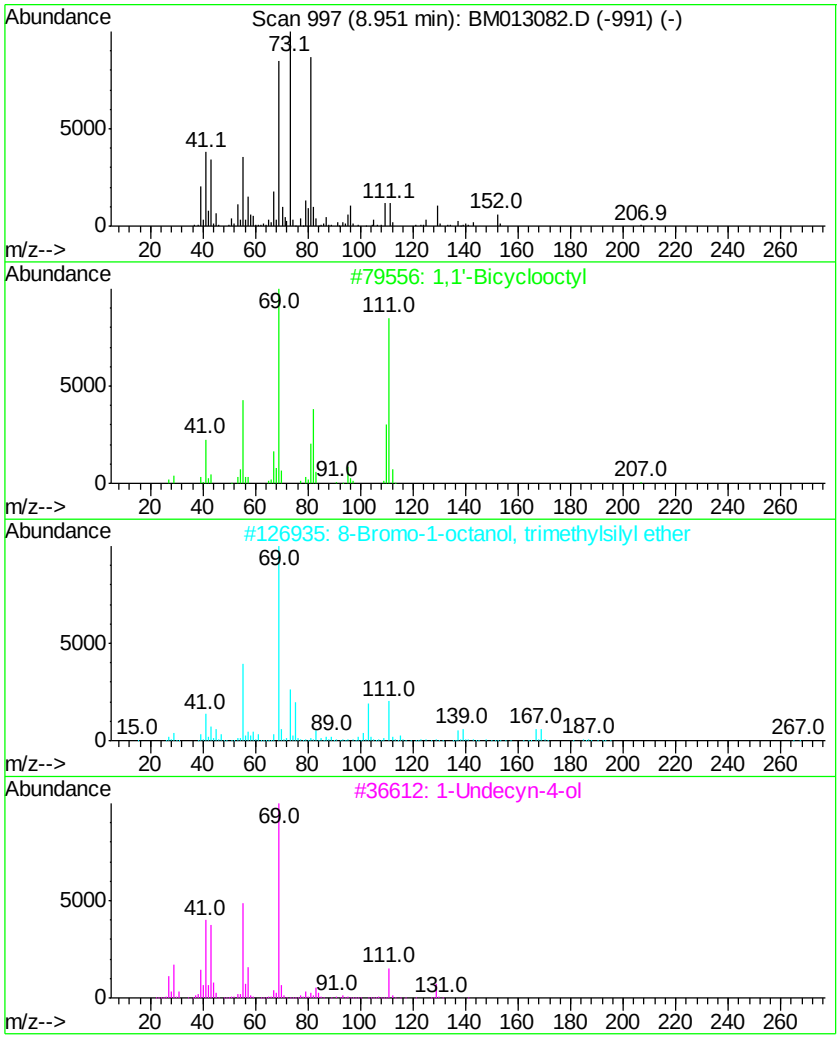
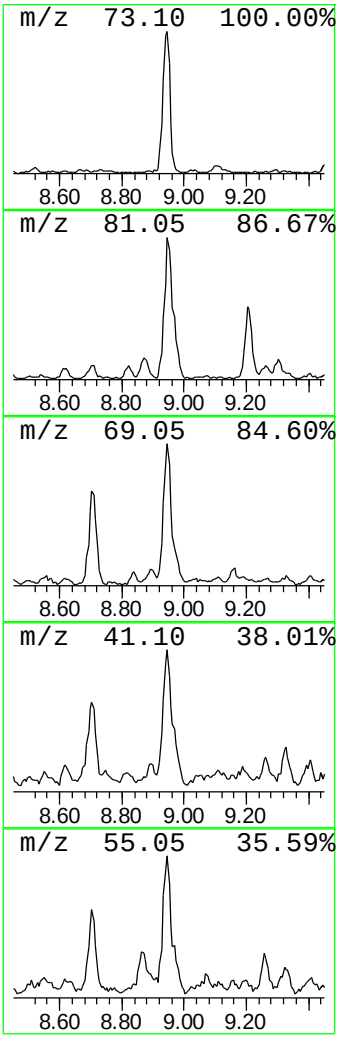
Peak Number 13 1,1'-Bicyclooctyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	15.15 ng/ul	1366640	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	50
2	8-Bromo-1-octanol, trimethylsily...	280	C11H25BrOSi	1000365-28-6	50
3	1-Undecyn-4-ol	168	C11H20O	022127-86-2	47
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	47
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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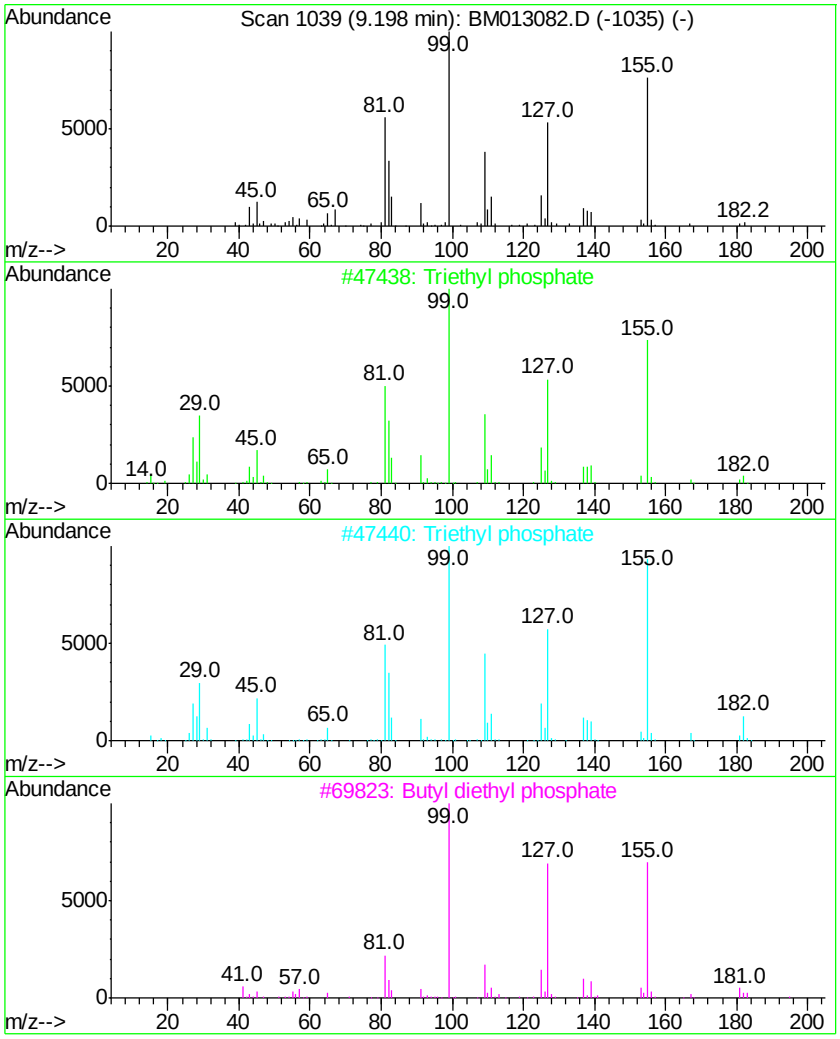
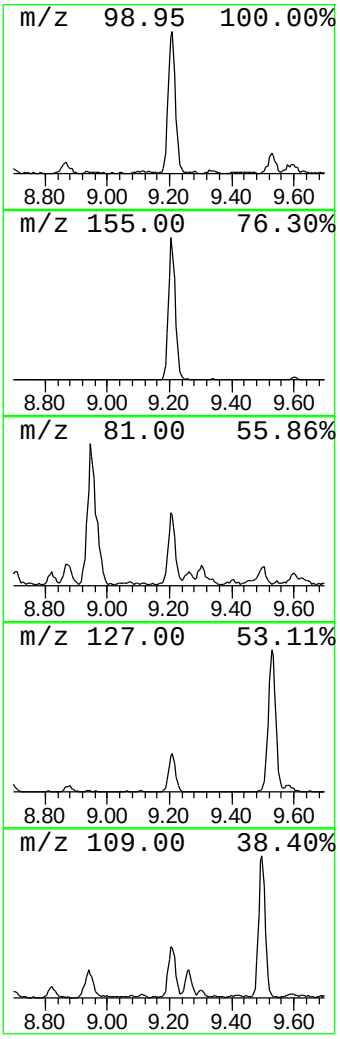
Peak Number 14 Triethyl phosphate Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.47 ng/ul	501141	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	91
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	83
3	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	50
4	Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	42
5	Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	36





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Quant Title : SVOA CALIBRATION

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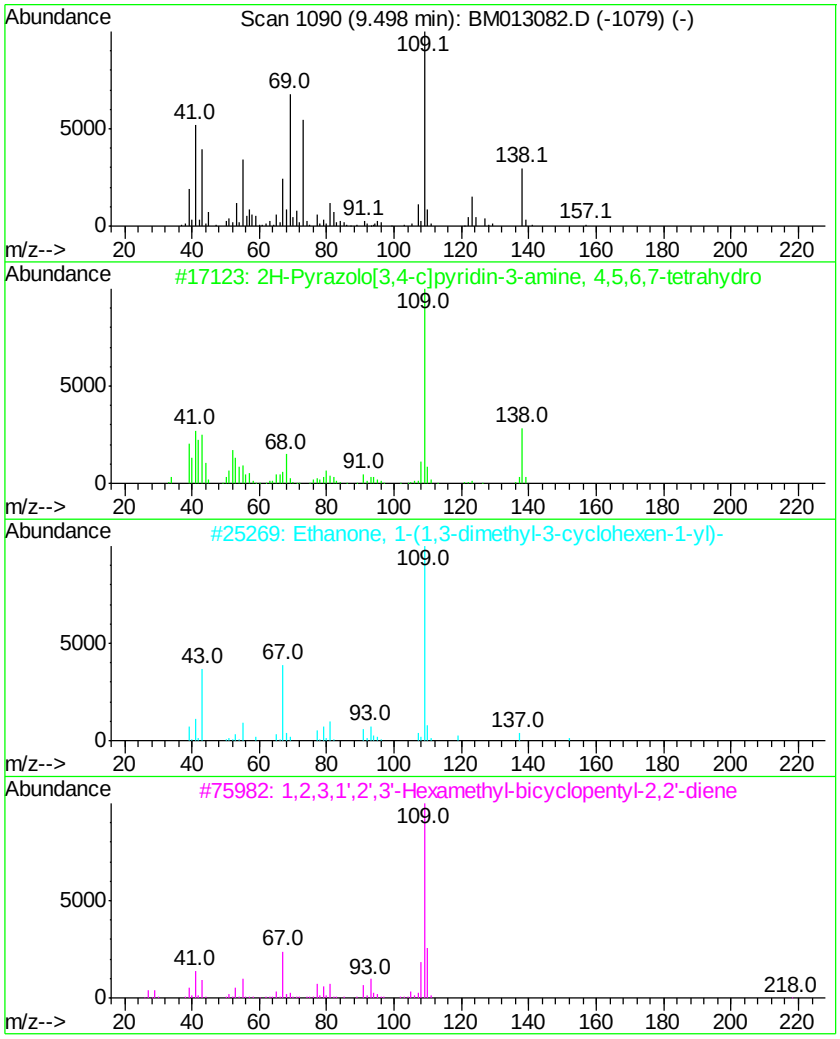
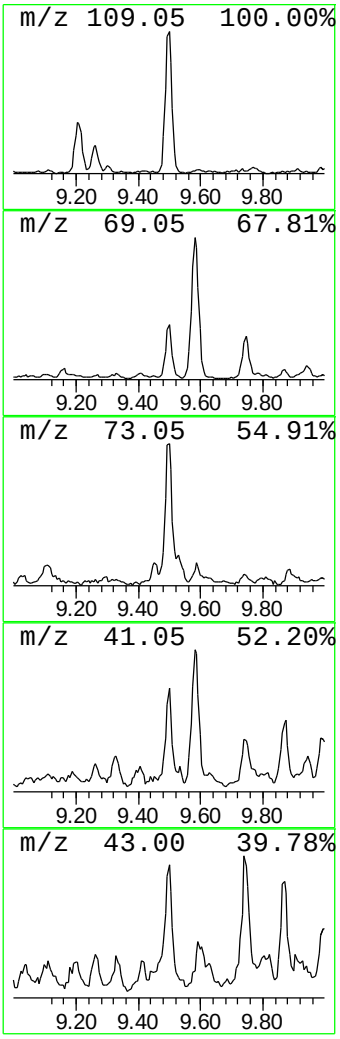
Peak Number 15 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.21 ng/ul	809264	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyrazolo[3,4-c]pyridin-3-amin...	138	C6H10N4	1000362-58-3	47
2	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	47
3	1,2,3,1',2',3'-Hexamethyl-bicycl...	218	C16H26	051999-35-0	47
4	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	47
5	1-Propanone, 1-(5-methyl-2-furan...	138	C8H10O2	010599-69-6	47





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Quant Title : SVOA CALIBRATION

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Peak Number 16 o-Chloroaniline Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.07 ng/ul	569140	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Chloroaniline	127	C6H6ClN	000095-51-2	97
2	m-Chloroaniline	127	C6H6ClN	000108-42-9	94
3	o-Chloroaniline	127	C6H6ClN	000095-51-2	91
4	p-Chloroaniline	127	C6H6ClN	000106-47-8	90
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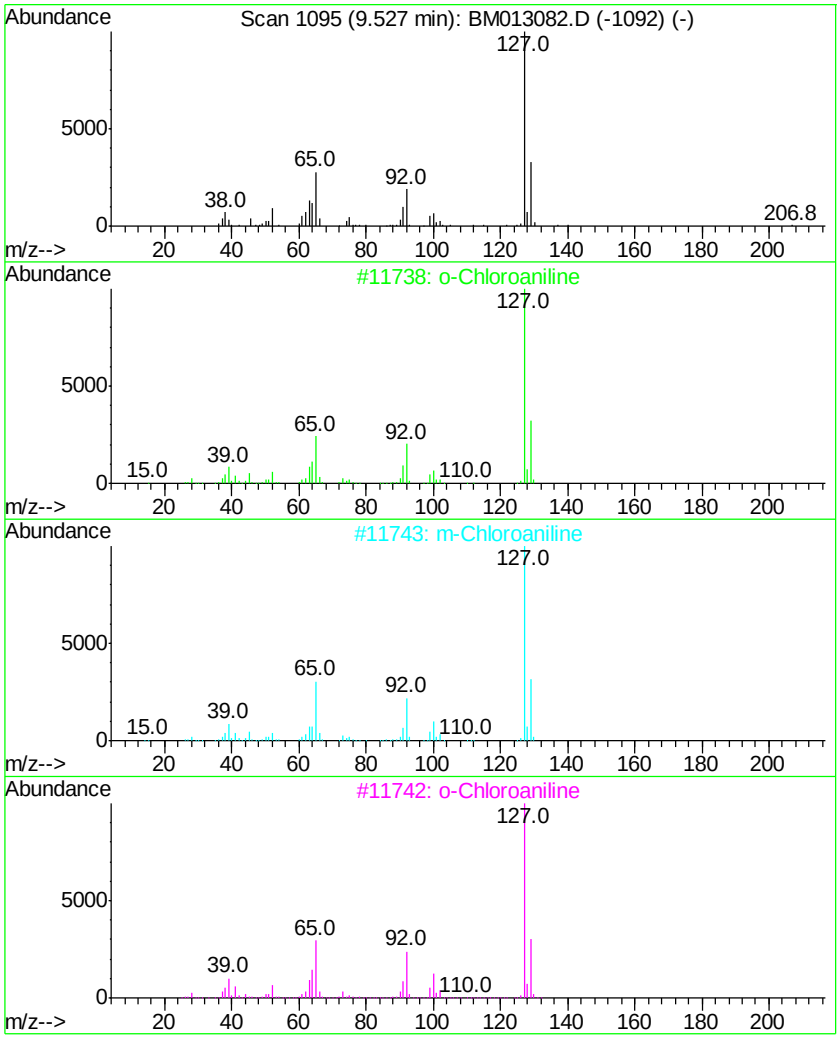

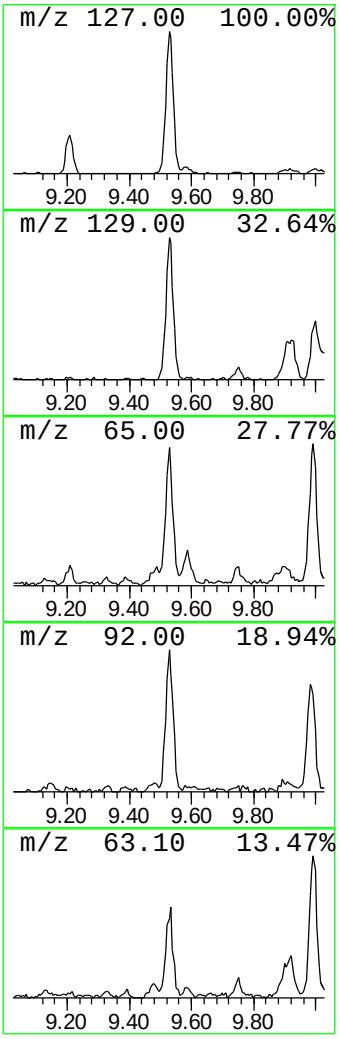

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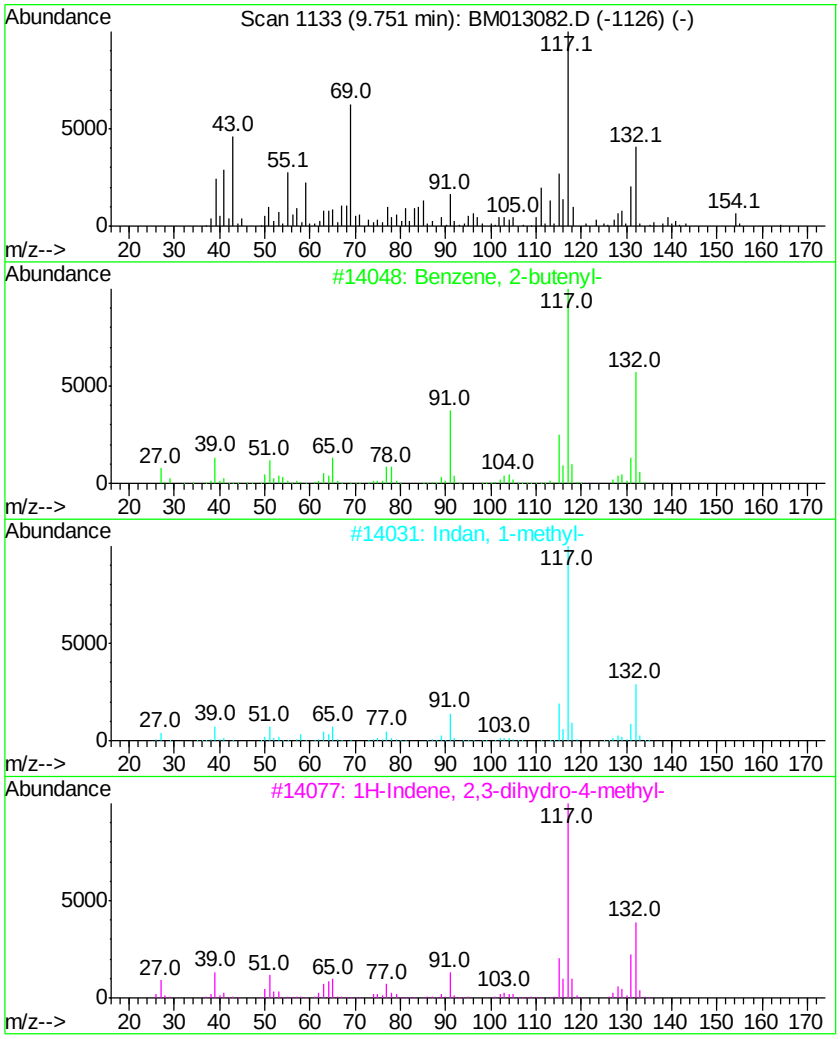
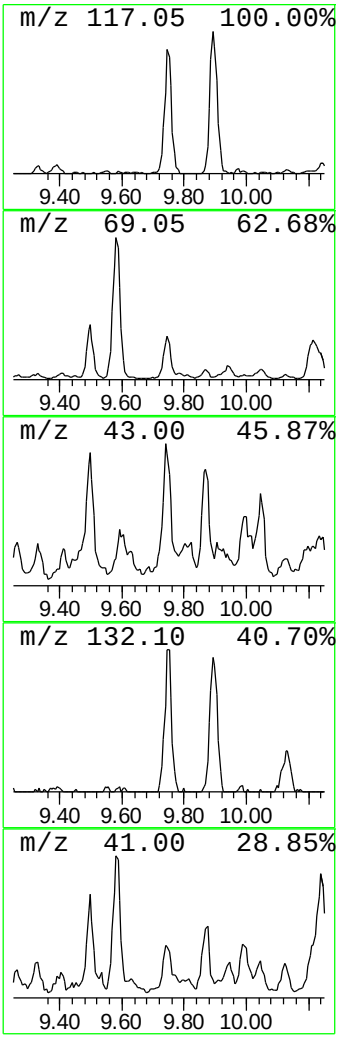
Peak Number 17 Benzene, 2-butenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	6.33 ng/ul	710394	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62





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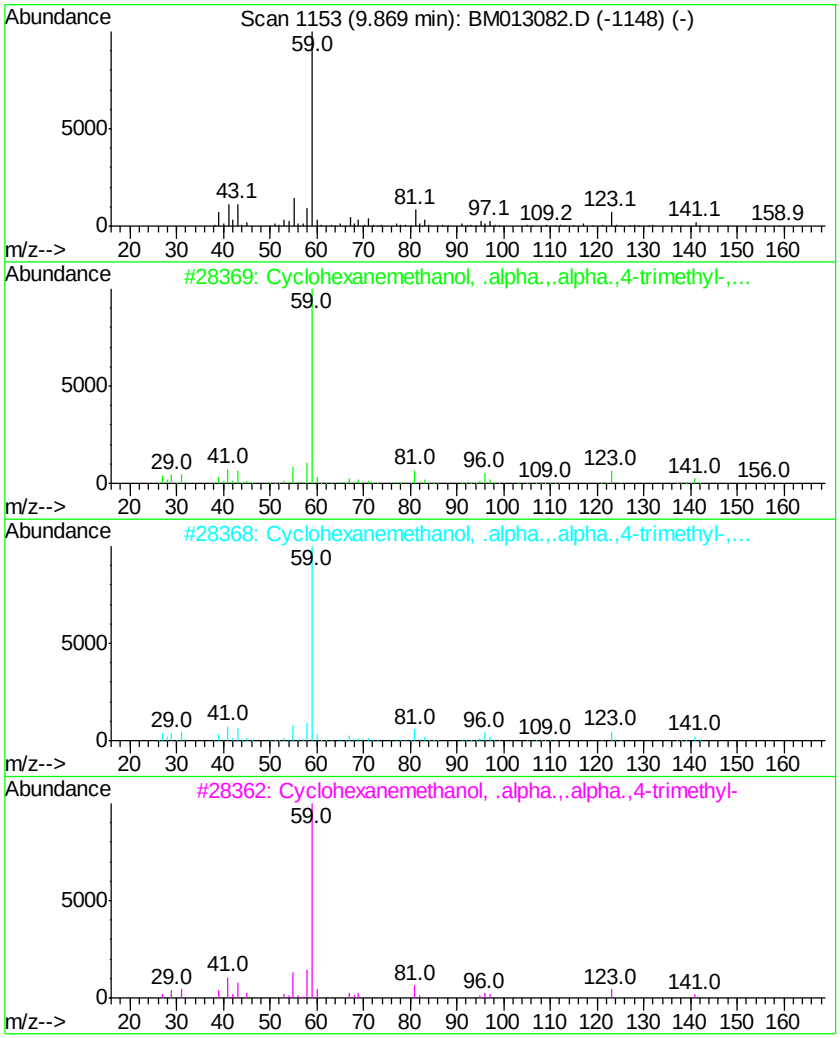
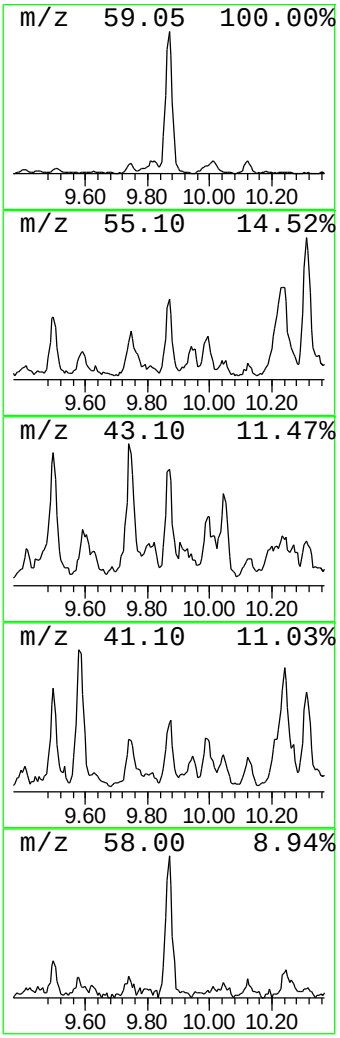
Peak Number 18 Cyclohexanemethanol, .alpha... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	6.41 ng/ul	719877	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	72
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	72
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
5	o-Menthan-8-ol	156	C10H20O	343855-44-7	56





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Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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Quant Title : SVOA CALIBRATION

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

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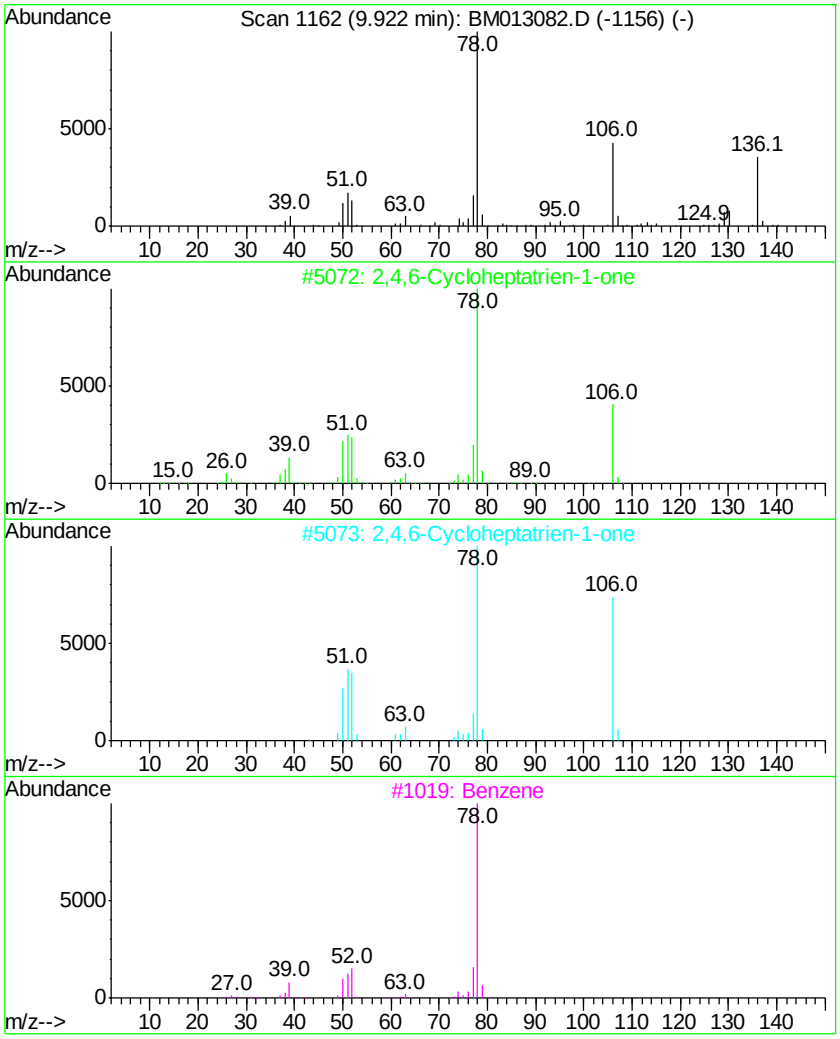
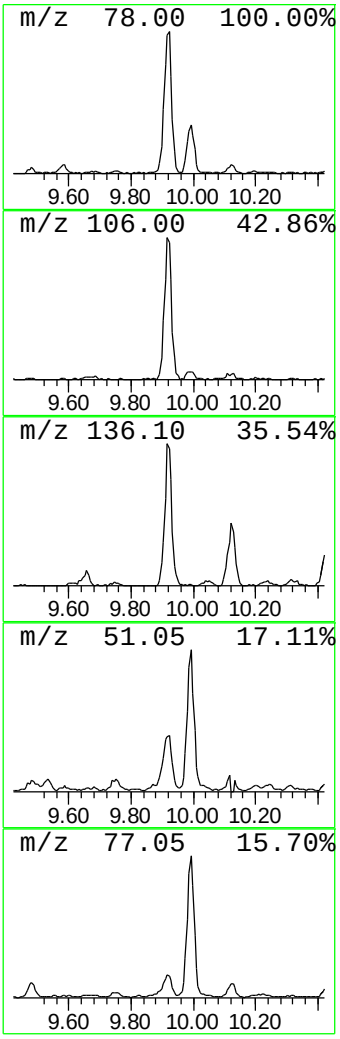
Peak Number 19 2,4,6-Cycloheptatrien-1-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	10.55 ng/ul	1183760	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	90
2	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	90
3	Benzene	78	C6H6	000071-43-2	76
4	2-Coumaranone	134	C8H6O2	000553-86-6	72
5	Benzene	78	C6H6	000071-43-2	72





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ClientSampleId : BE300

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Quant Title : SVOA CALIBRATION

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

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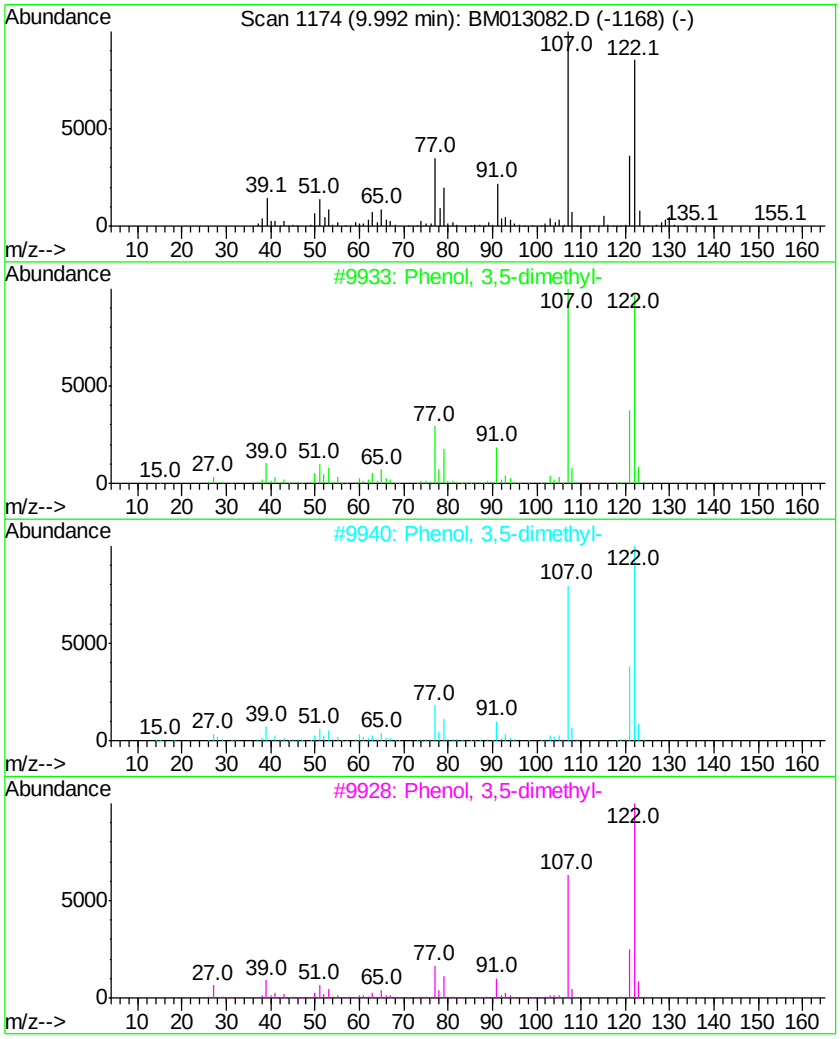
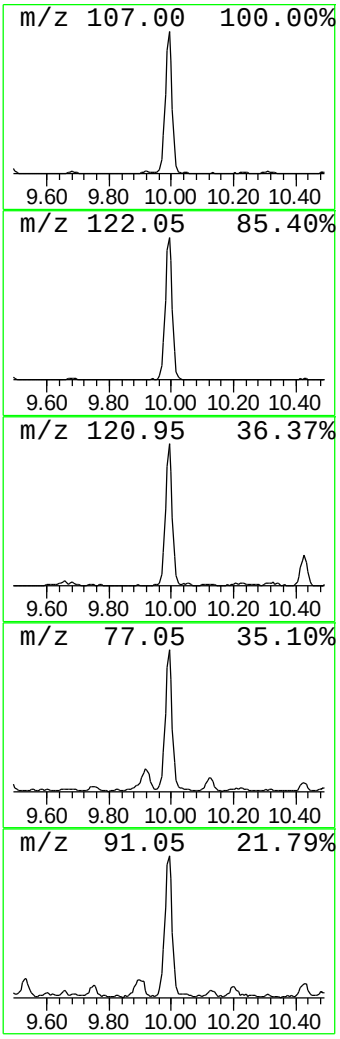
Peak Number 20 Phenol, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	29.58 ng/ul	3320290	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94





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Quant Title : SVOA CALIBRATION

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

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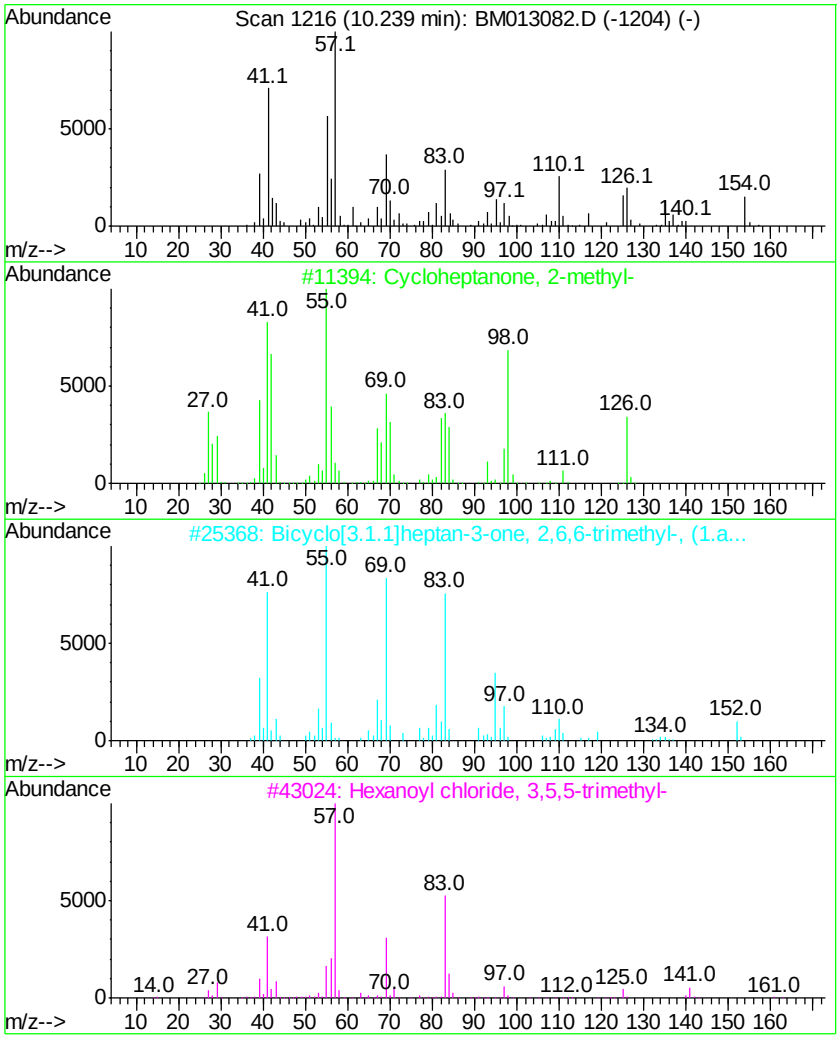
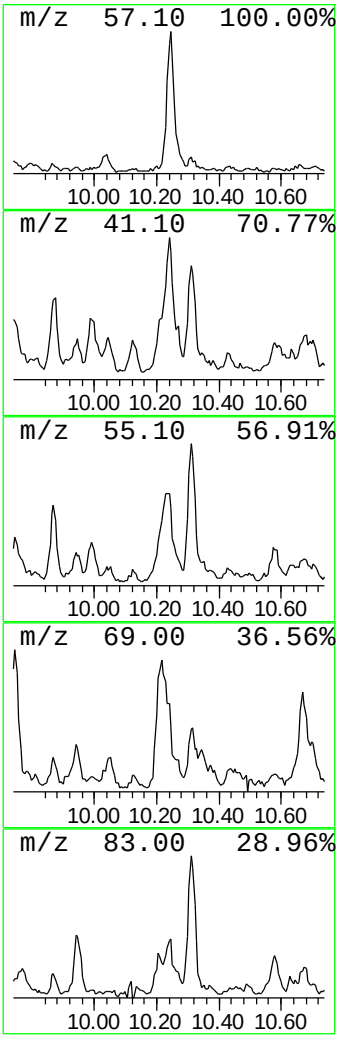
Peak Number 21 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	10.89 ng/ul	1222540	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	25
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	14
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14





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Quant Title : SVOA CALIBRATION

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

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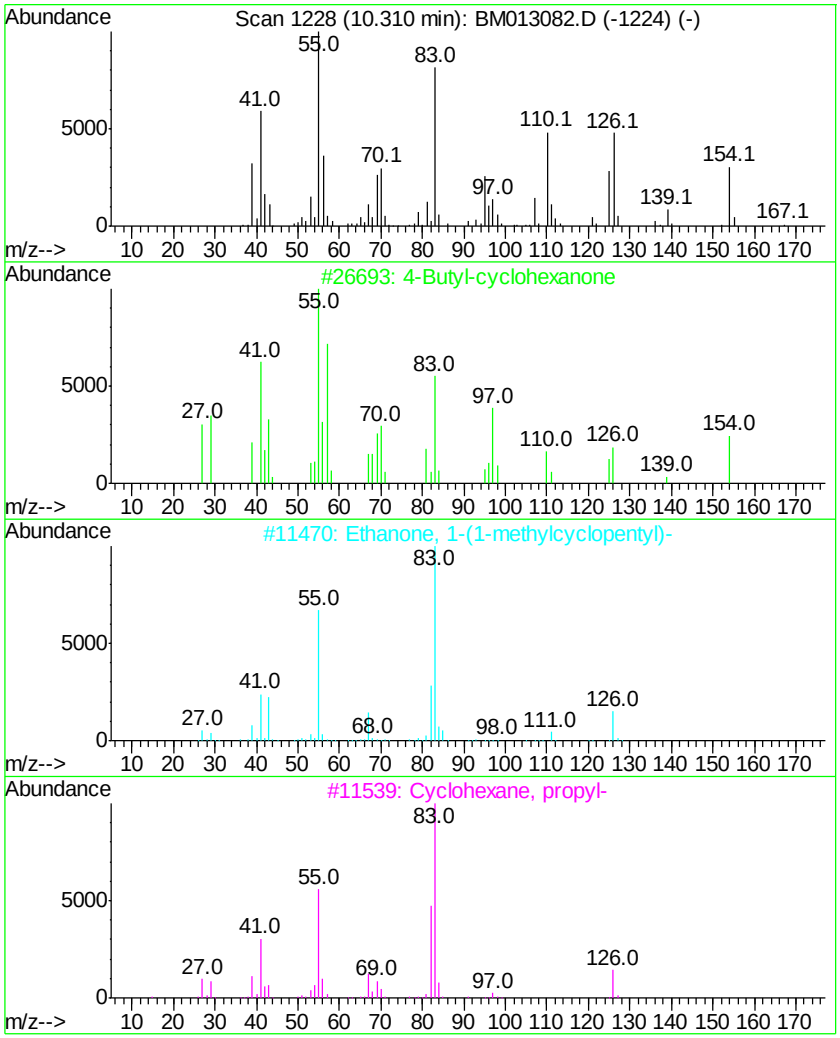
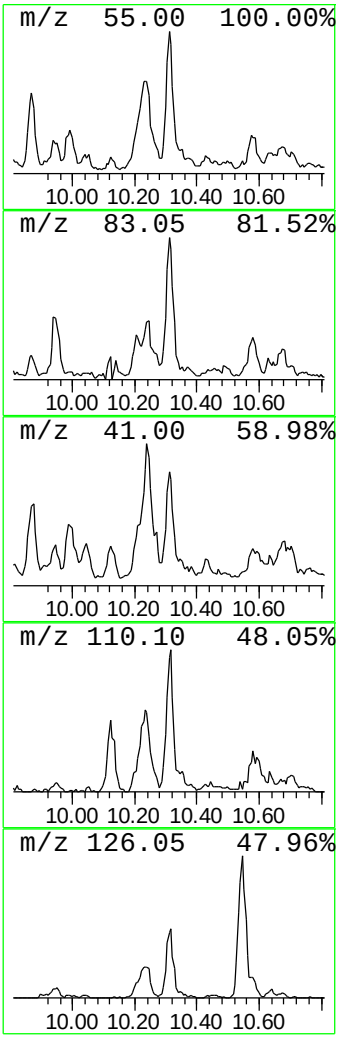
Peak Number 22 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	5.18 ng/ul	581300	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	49
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	35
4	2-Hydroxy-3,5-dimethylcyclopent-...	126	C7H10O2	021834-98-0	35
5	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	27





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Quant Title : SVOA CALIBRATION

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

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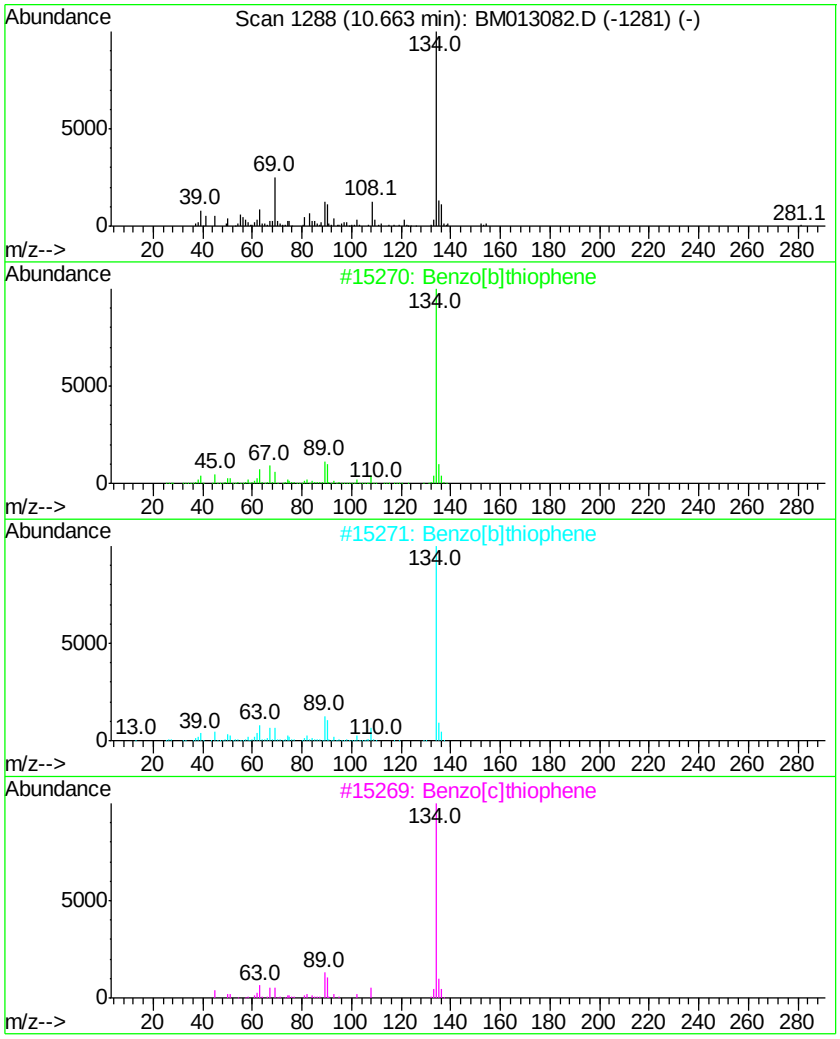
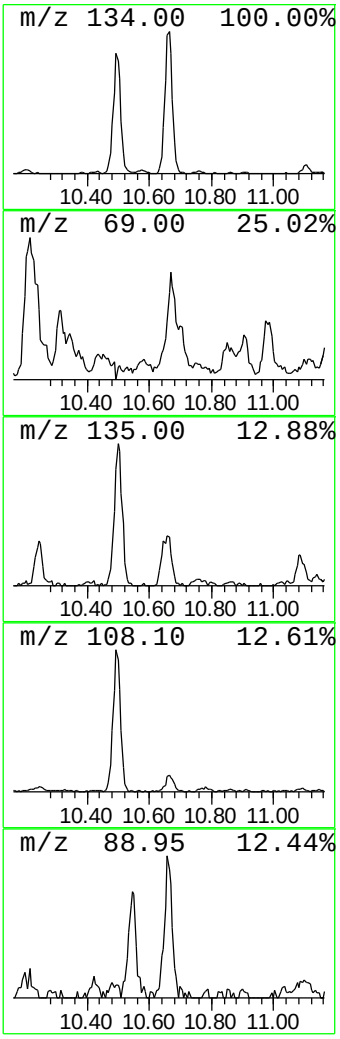
Peak Number 23 Benzo[b]thiophene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	4.39 ng/ul	493008	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	83
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	83
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	80





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Quant Title : SVOA CALIBRATION

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

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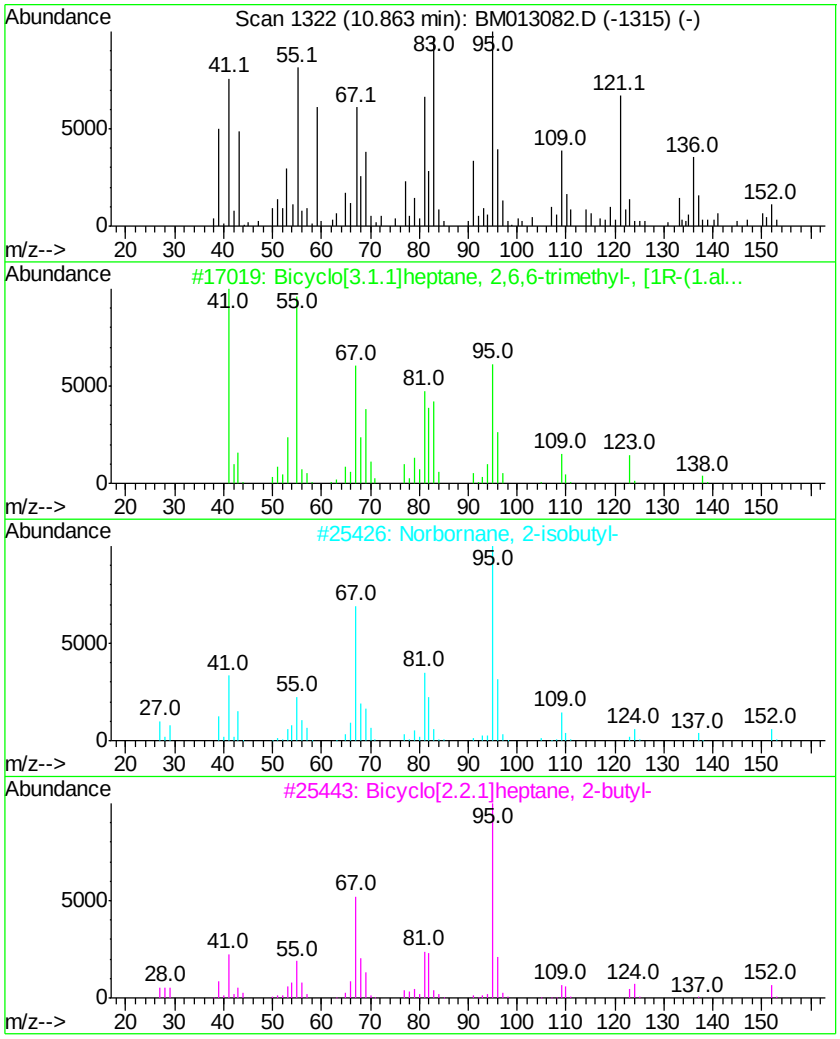
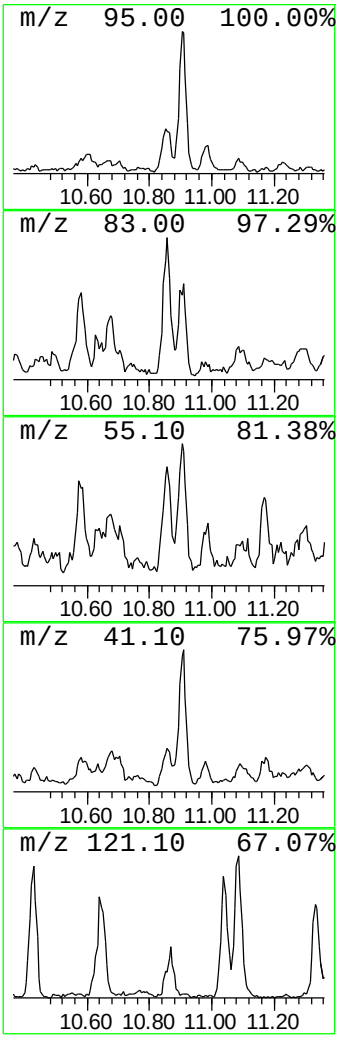
Peak Number 24 unknown-06 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.71 ng/ul	416418	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	45
2	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	45
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	43
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38





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Quant Title : SVOA CALIBRATION

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

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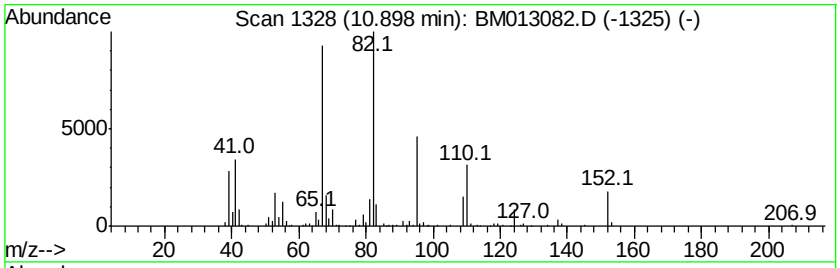
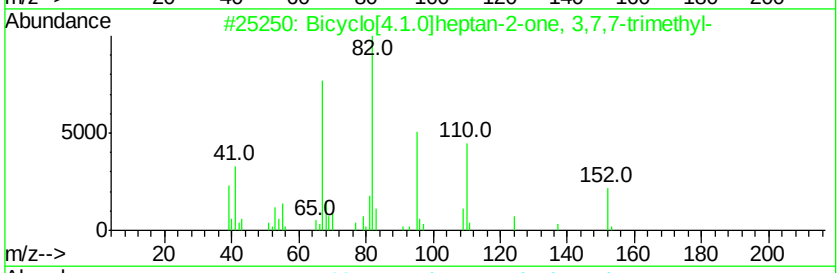
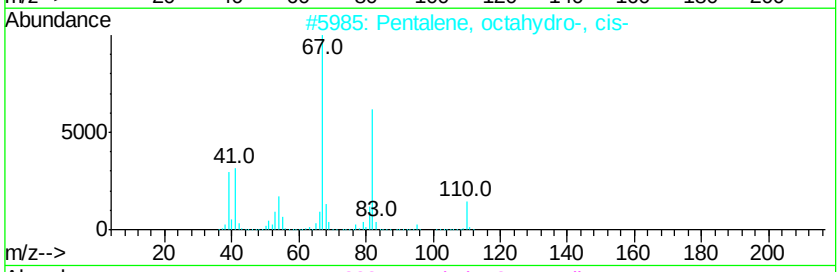
Peak Number 25 Bicyclo[4.1.0]heptan-2-one,... Concentration Rank 15

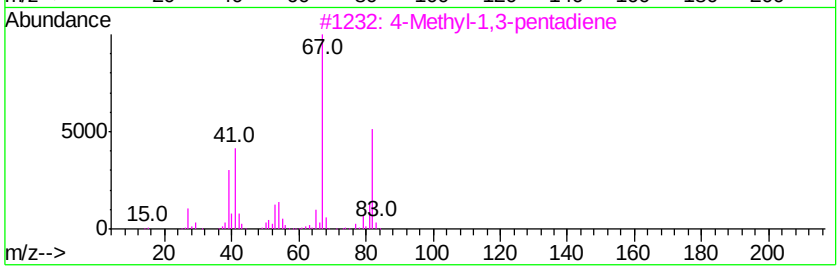
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	10.22 ng/ul	1147120	Naphthalene-d8	10.50

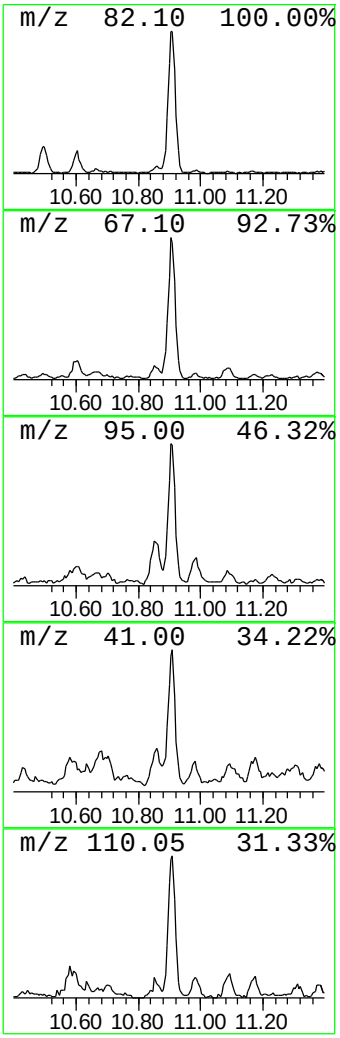
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	87
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	59
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49
4	1-Methylcycloheptene	110	C8H14	055308-20-8	49
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	49











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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 Phenol, 2,3,6-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	3.75 ng/ul	421108	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	89
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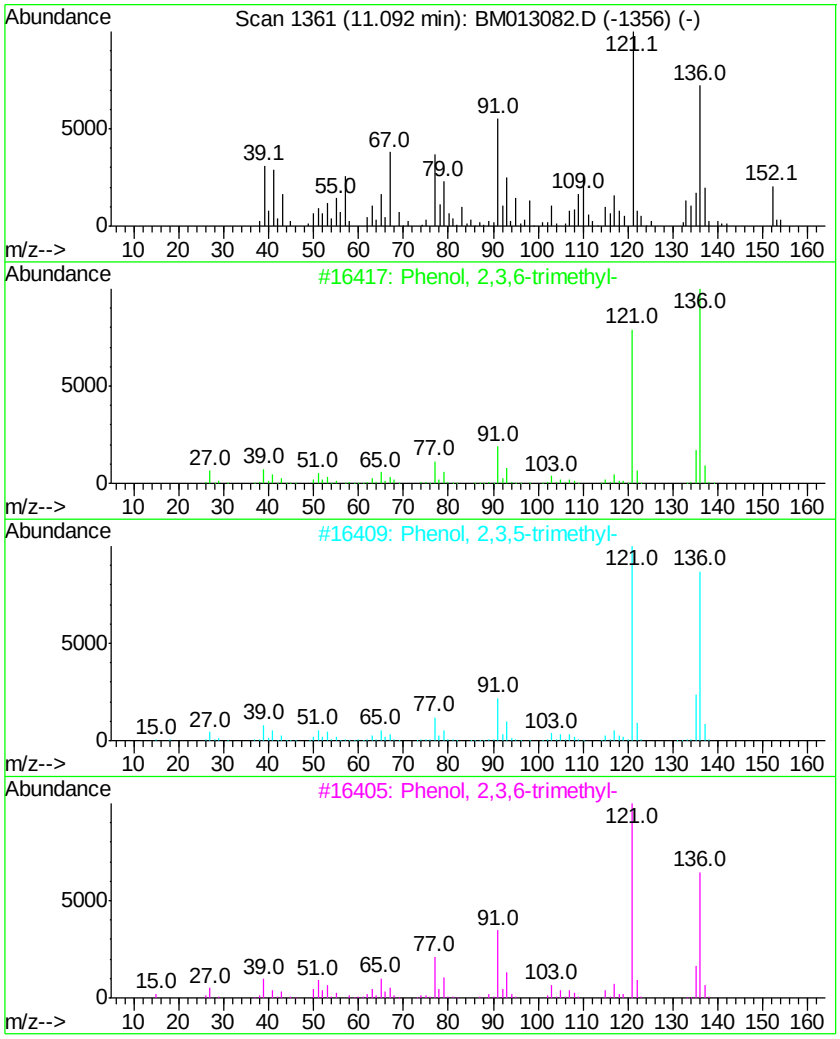

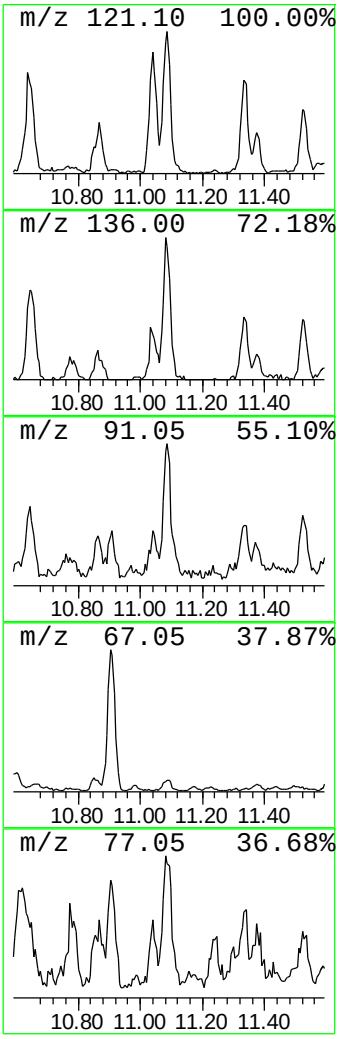

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Quant Title : SVOA CALIBRATION

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

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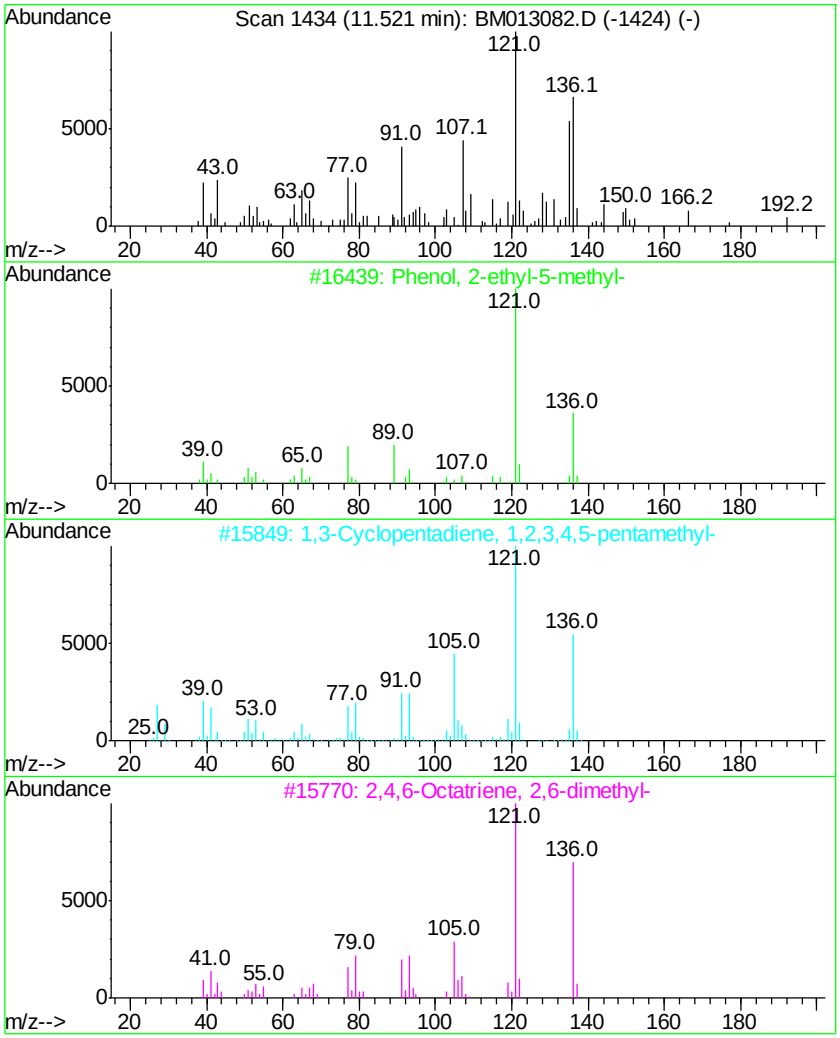
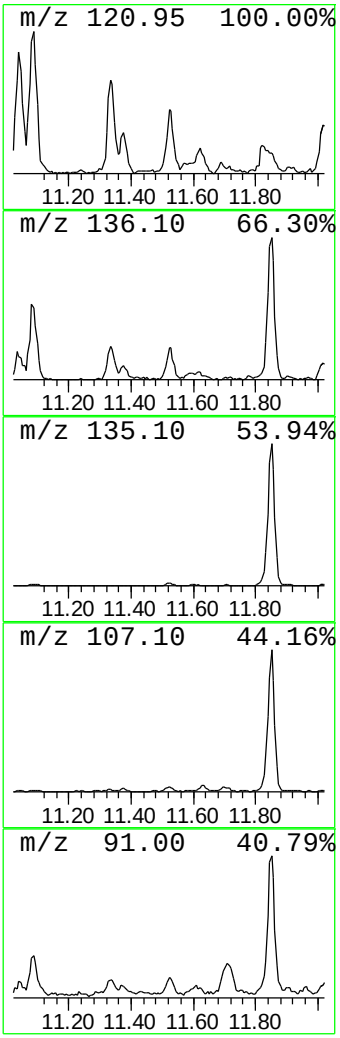
Peak Number 27 Phenol, 2-ethyl-5-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.50 ng/ul	392491	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	50
2	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	50
3	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	50
4	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	50
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	49





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Quant Title : SVOA CALIBRATION

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

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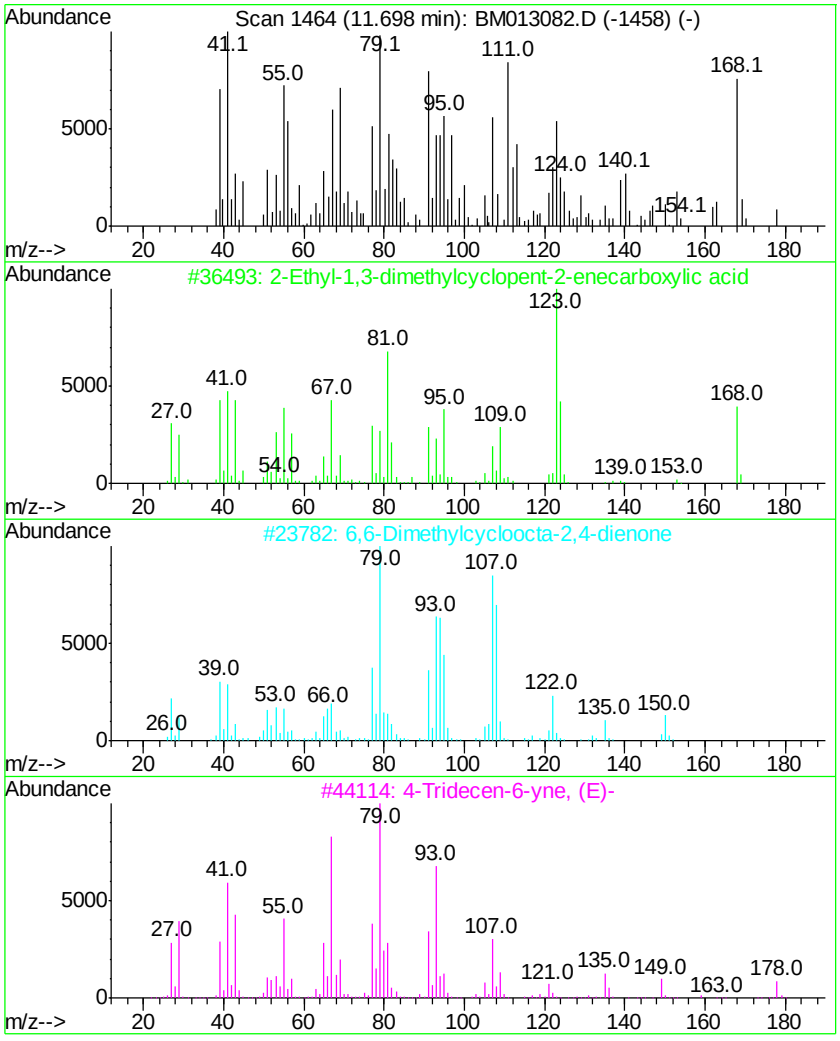
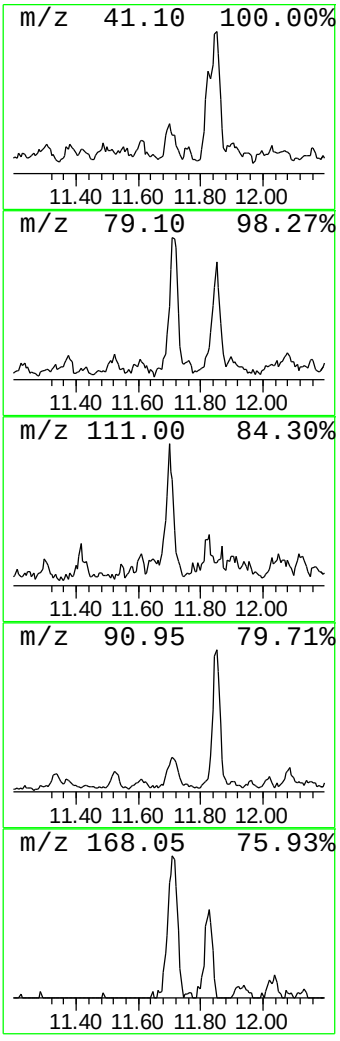
Peak Number 28 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.47 ng/ul	613379	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1,3-dimethylcyclopent-2-...	168	C10H16O2	1000189-91-4	35
2	6,6-Dimethylcycloocta-2,4-dienone	150	C10H14O	091531-51-0	30
3	4-Tridecen-6-yne, (E)-	178	C13H22	074744-43-7	25
4	1,3-Butanedione, 1-(2-thienyl)-	168	C8H8O2S	003051-27-2	20
5	Bicyclo[2.2.1]heptane-2-thione, ...	168	C10H16S	007519-74-6	20





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

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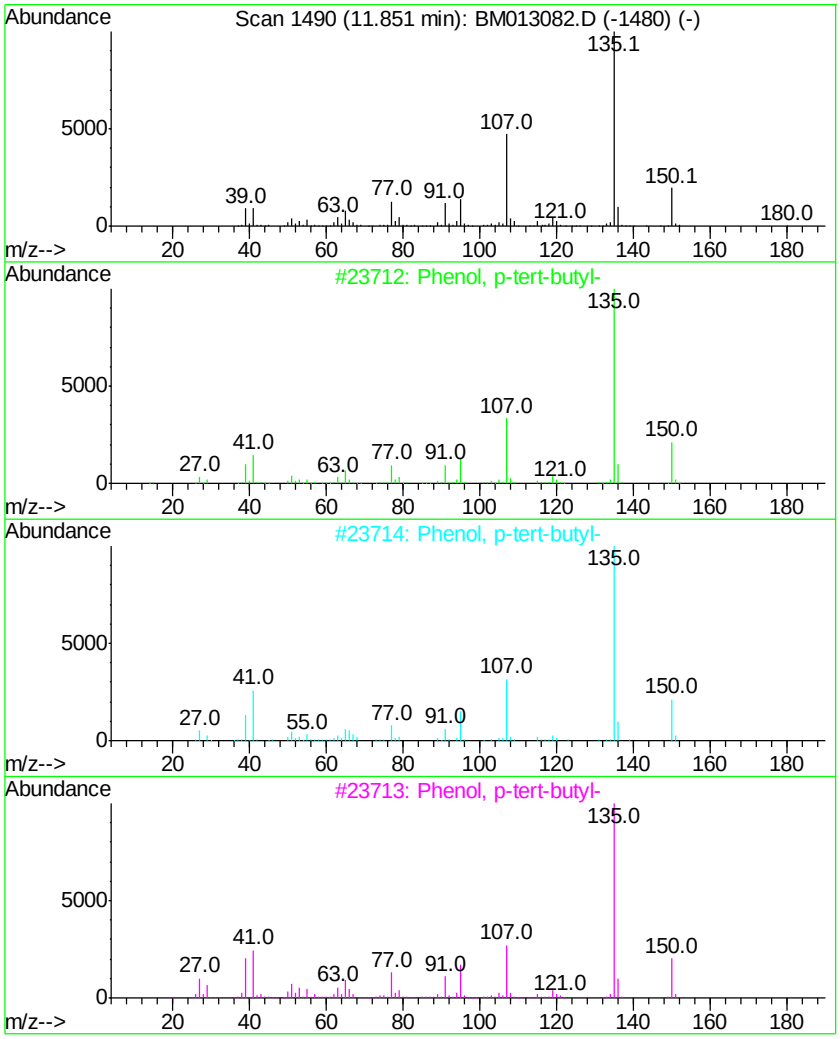
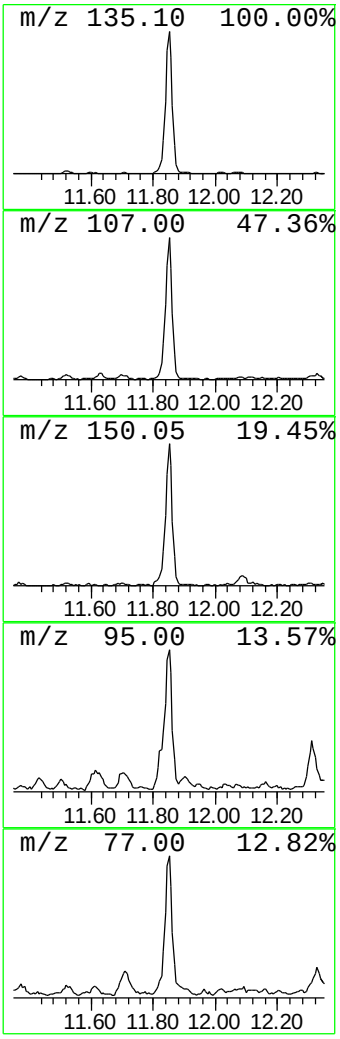
Peak Number 29 Phenol, p-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	25.02 ng/ul	2807990	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	60
4	Hexestrol	270	C18H22O2	005635-50-7	59
5	p-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-63-9	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013082.D
Acq On : 22 Nov 2017 13:11
Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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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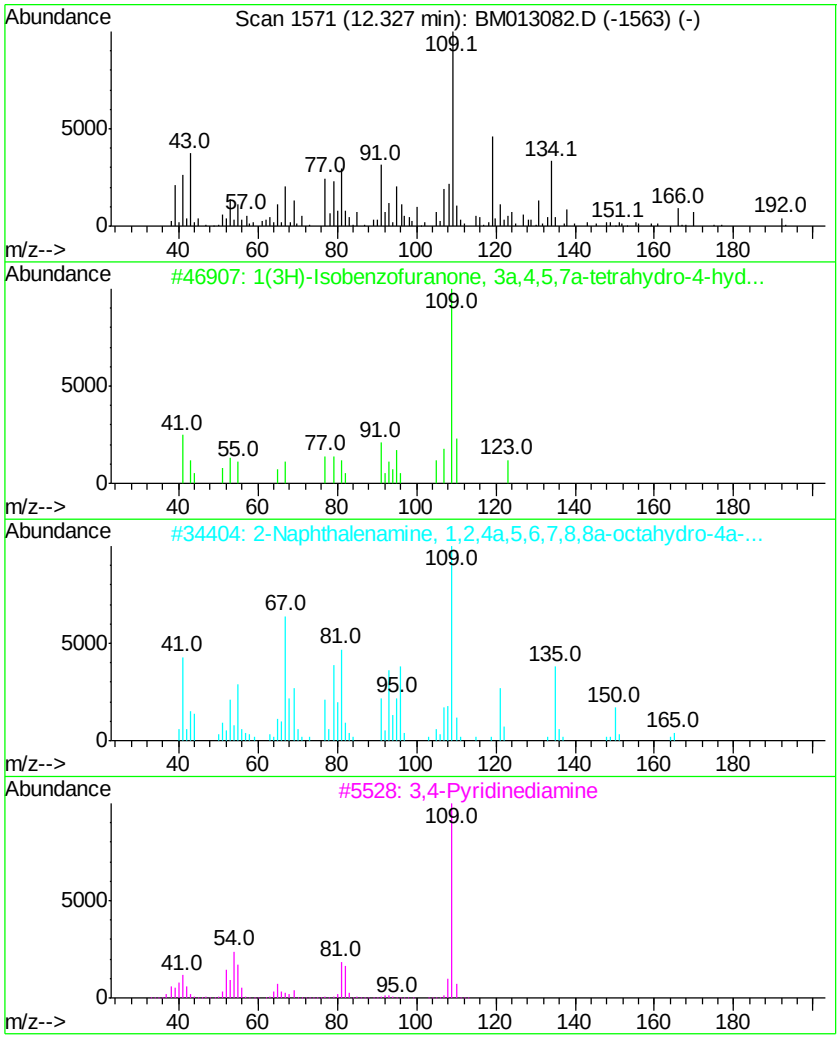
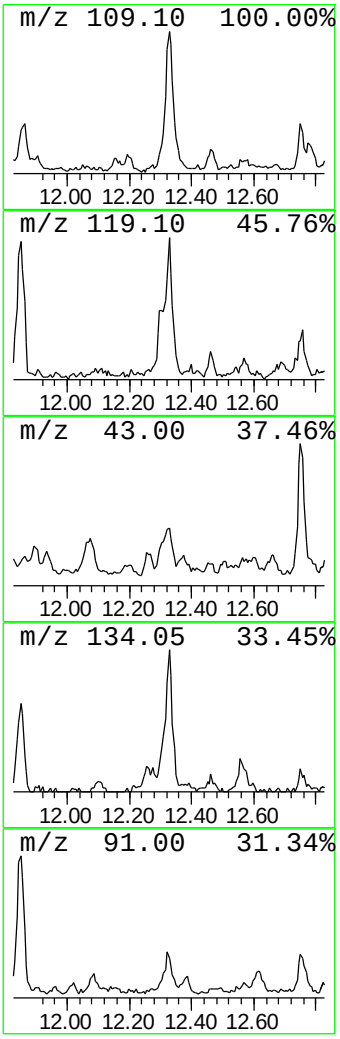
Peak Number 30 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	7.40 ng/ul	830912	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	38
2	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	38
3	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	30
4	Phenol, 4-amino-	109	C6H7NO	000123-30-8	30
5	1-Methylheptyl cis-2,2-dimethyl-...	280	C18H32O2	1000223-35-3	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013082.D
Acq On : 22 Nov 2017 13:11
Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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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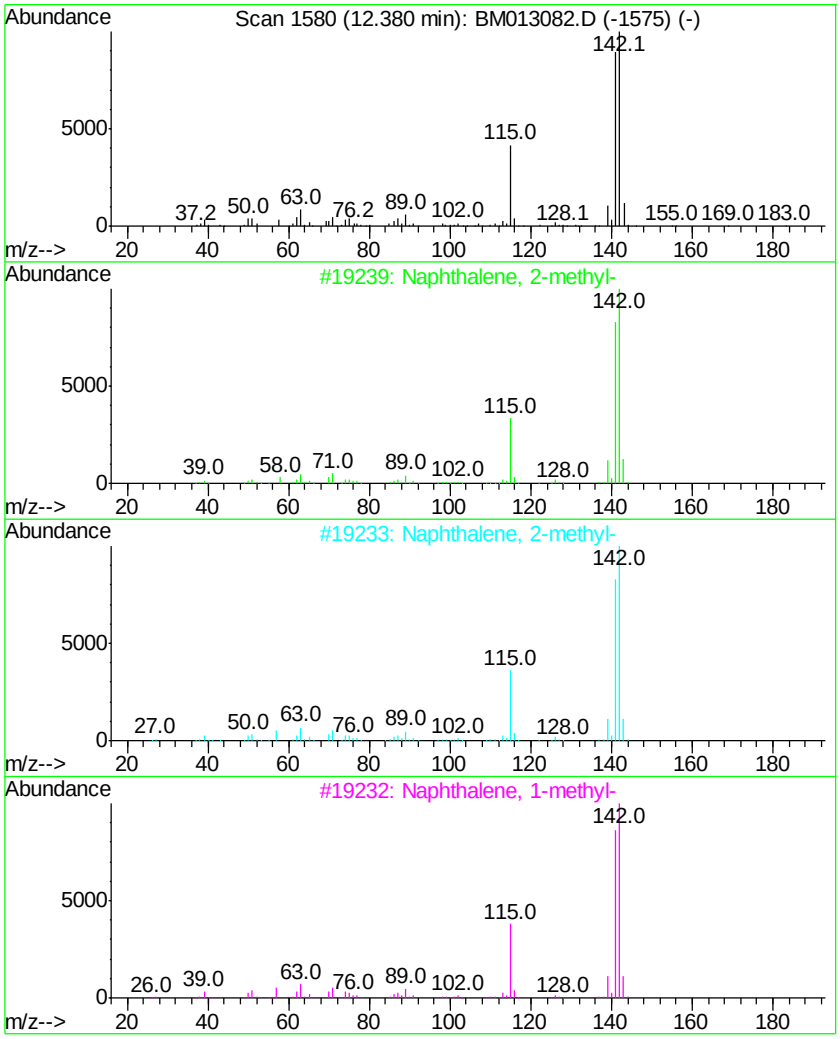
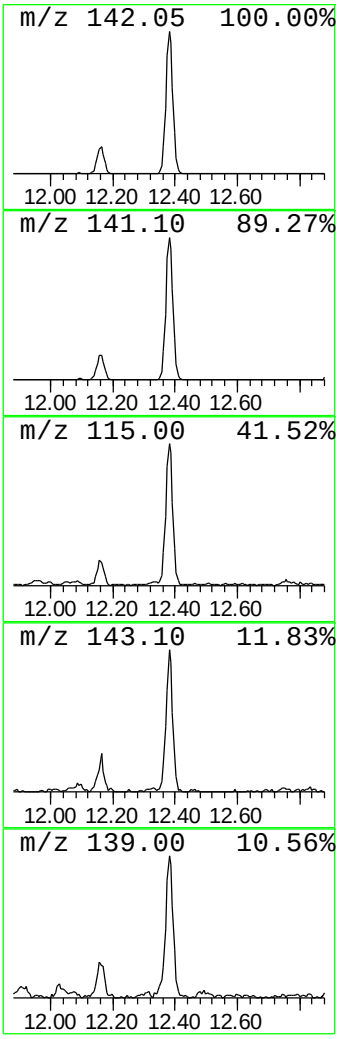
Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	14.30 ng/ul	1605350	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013082.D
Acq On : 22 Nov 2017 13:11
Operator : SJ/JU
Sample : I6526-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE300

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...	5.40	4.8	ng/ul	429017	1	7.72	1803590	20.0
2-Hexanone, 3-met...	5.46	6.2	ng/ul	555774	1	7.72	1803590	20.0
3-Heptanone, 5-me...	6.40	18.6	ng/ul	1674970	1	7.72	1803590	20.0
unknown-01	6.73	3.8	ng/ul	341061	1	7.72	1803590	20.0
Benzene, 1,2,3-tr...	7.36	6.1	ng/ul	550028	1	7.72	1803590	20.0
Acetaldehyde, (3,...	7.42	9.0	ng/ul	815646	1	7.72	1803590	20.0
Mesitylene	7.83	4.7	ng/ul	424887	1	7.72	1803590	20.0
unknown-02	7.92	15.9	ng/ul	1431970	1	7.72	1803590	20.0
Indane	8.08	26.6	ng/ul	2397510	1	7.72	1803590	20.0
Bicyclo[3.1.1]hep...	8.70	5.8	ng/ul	522480	1	7.72	1803590	20.0
Benzene, 1-ethyl-...	8.81	6.2	ng/ul	557461	1	7.72	1803590	20.0
1,1'-Bicyclooctyl	8.95	15.2	ng/ul	1366640	1	7.72	1803590	20.0
Triethyl phosphate	9.20	4.5	ng/ul	501141	2	10.50	2244660	20.0
unknown-03	9.50	7.2	ng/ul	809264	2	10.50	2244660	20.0
o-Chloroaniline	9.53	5.1	ng/ul	569140	2	10.50	2244660	20.0
Benzene, 2-butenyl-	9.75	6.3	ng/ul	710394	2	10.50	2244660	20.0
Cyclohexanemethan...	9.87	6.4	ng/ul	719877	2	10.50	2244660	20.0
2,4,6-Cycloheptat...	9.92	10.6	ng/ul	1183760	2	10.50	2244660	20.0
Phenol, 3,5-dimet...	9.99	29.6	ng/ul	3320290	2	10.50	2244660	20.0
unknown-04	10.24	10.9	ng/ul	1222540	2	10.50	2244660	20.0
unknown-05	10.31	5.2	ng/ul	581300	2	10.50	2244660	20.0
Benzo[b]thiophene	10.66	4.4	ng/ul	493008	2	10.50	2244660	20.0
unknown-06	10.86	3.7	ng/ul	416418	2	10.50	2244660	20.0
Bicyclo[4.1.0]hep...	10.90	10.2	ng/ul	1147120	2	10.50	2244660	20.0
Phenol, 2,3,6-tri...	11.09	3.8	ng/ul	421108	2	10.50	2244660	20.0
Phenol, 2-ethyl-5...	11.52	3.5	ng/ul	392491	2	10.50	2244660	20.0
unknown-07	11.70	5.5	ng/ul	613379	2	10.50	2244660	20.0
Phenol, p-tert-bu...	11.85	25.0	ng/ul	2807990	2	10.50	2244660	20.0
unknown-08	12.33	7.4	ng/ul	830912	2	10.50	2244660	20.0
Naphthalene, 1-me...	12.38	14.3	ng/ul	1605350	2	10.50	2244660	20.0