LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013073.D
Acq On : 21 Nov 2017 08:51
Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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	5.075	329	338	352	rBV2	47451602	72309313	100.00%	29.909%
2	5.458	398	403	409	rBV2	766528	1058874	1.46%	0.438%
3	6.222	523	533	543	rBV	7827998	11315472	15.65%	4.680%
4	6.399	551	563	566	rBV	788717	1235501	1.71%	0.511%
5	6.705	606	615	624	rBV	1222098	2091497	2.89%	0.865%
6	6.852	629	640	644	rBV	946626	1448799	2.00%	0.599%
7	7.057	668	675	679	rBV	823337	1310874	1.81%	0.542%
8	7.146	686	690	696	rVB	985480	1426627	1.97%	0.590%
9	7.252	702	708	715	rBV2	1073296	2012843	2.78%	0.833%
10	7.422	731	737	742	rVB	1526206	2193470	3.03%	0.907%
11	7.710	776	786	790	rBV	1021996	2059265	2.85%	0.852%
12	7.746	790	792	798	rVB	555634	786147	1.09%	0.325%
13	7.916	816	821	827	rVB	1801847	2567489	3.55%	1.062%
14	8.081	841	849	858	rVB2	702168	1587962	2.20%	0.657%
15	8.428	900	908	916	rVB	741481	1387954	1.92%	0.574%
16	8.616	935	940	945	rBV2	487885	775717	1.07%	0.321%
17	8.698	949	954	960	rVB4	477397	966310	1.34%	0.400%
18	8.810	966	973	978	rBV	1054563	1738190	2.40%	0.719%
19	8.869	978	983	991	rVV	1132666	2258360	3.12%	0.934%
20	8.940	991	995	1006	rVB4	1049046	1968095	2.72%	0.814%
21	9.334	1056	1062	1067	rVB2	717174	1219248	1.69%	0.504%
22	9.498	1084	1090	1099	rBV2	849307	1432165	1.98%	0.592%
23	9.581	1099	1104	1109	rVV	995470	1706394	2.36%	0.706%
24	9.745	1127	1132	1148	rVB3	529435	1255841	1.74%	0.519%
25	9.875	1148	1154	1155	rBV	598243	889648	1.23%	0.368%
26	9.910	1155	1160	1169	rVB3	1015802	2475097	3.42%	1.024%
27	10.128	1190	1197	1204	rBV	1414197	2370738	3.28%	0.981%
28	10.240	1204	1216	1219	rBV6	567882	1654222	2.29%	0.684%
29	10.310	1224	1228	1233	rBV2	557906	802341	1.11%	0.332%
30	10.493	1253	1259	1264	rBV	1227543	2055518	2.84%	0.850%
31	10.904	1325	1329	1335	rVB	613241	986079	1.36%	0.408%
32	11.087	1354	1360	1370	rBV3	384004	788236	1.09%	0.326%
33	11.504	1424	1431	1443	rBV6	264084	738801	1.02%	0.306%
34	11.857	1479	1491	1497	rBV	4719635	9066958	12.54%	3.750%

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Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

35	12.898	1662	1668	1672	rVV	1808059	2531908	3.50%	1.047%
36	12.998	1680	1685	1691	rVB	647572	893887	1.24%	0.370%
37	13.404	1750	1754	1763	rVB2	635032	1167667	1.61%	0.483%
38	13.769	1810	1816	1819	rBV	2334244	3665277	5.07%	1.516%
39	13.904	1835	1839	1845	rVB	605234	844271	1.17%	0.349%
40	14.045	1858	1863	1870	rVB	2562981	3651400	5.05%	1.510%
41	14.139	1874	1879	1884	rBV	1116066	1594911	2.21%	0.660%
42	14.357	1909	1916	1919	rBV2	1933950	3188018	4.41%	1.319%
43	14.392	1919	1922	1930	rVB2	865624	1455956	2.01%	0.602%
44	14.722	1973	1978	1981	rBV	514763	920370	1.27%	0.381%
45	15.110	2039	2044	2048	rBV	921140	1302010	1.80%	0.539%
46	15.263	2062	2070	2076	rBV4	384946	791719	1.09%	0.327%
47	15.351	2079	2085	2092	rVB	2878236	4250682	5.88%	1.758%
48	15.469	2097	2105	2110	rBV3	803166	1459635	2.02%	0.604%
49	15.616	2128	2130	2133	rVV	817723	987391	1.37%	0.408%
50	15.869	2167	2173	2182	rBV2	1259756	2330331	3.22%	0.964%
51	16.069	2198	2207	2211	rBV	1915120	3450587	4.77%	1.427%
52	16.122	2211	2216	2221	rVB	652530	1076081	1.49%	0.445%
53	16.416	2262	2266	2270	rVB2	1283002	1739397	2.41%	0.719%
54	17.069	2372	2377	2380	rBV	2387636	3466852	4.79%	1.434%
55	17.098	2380	2382	2391	rVB2	1960911	2654856	3.67%	1.098%
56	17.198	2393	2399	2405	rBV	3110010	4436045	6.13%	1.835%
57	17.274	2407	2412	2417	rVV	1140833	1492312	2.06%	0.617%
58	17.798	2496	2501	2505	rVV	1403003	2206393	3.05%	0.913%
59	17.833	2505	2507	2519	rVB	521410	783276	1.08%	0.324%
60	18.074	2542	2548	2552	rVB	1279125	1769755	2.45%	0.732%
61	18.151	2555	2561	2566	rVB	2252620	3122007	4.32%	1.291%
62	18.251	2572	2578	2581	rBV	2002642	2923786	4.04%	1.209%
63	18.304	2581	2587	2592	rVB	3685417	6296373	8.71%	2.604%
64	18.839	2673	2678	2688	rVB	703625	979823	1.36%	0.405%
65	19.004	2703	2706	2711	rVB	638785	785390	1.09%	0.325%
66	19.110	2720	2724	2734	rVB2	763517	1226862	1.70%	0.507%
67	19.492	2784	2789	2794	rVB	3183042	4258793	5.89%	1.762%
68	19.557	2794	2800	2812	rBV	6982594	9969833	13.79%	4.124%
69	19.727	2825	2829	2835	rVV	865722	1132783	1.57%	0.469%
70	19.804	2838	2842	2852	rVB	880226	1315003	1.82%	0.544%
71	19.921	2857	2862	2865	rBV	871550	1087726	1.50%	0.450%

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Instrument : BNA_M
ClientSampleId : BE2T0

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

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Peak separation: 5

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

72	19.962	2865	2869	2873	rVB	1397594	1603818	2.22%	0.663%
73	21.280	3089	3093	3098	rVB	2202902	2707267	3.74%	1.120%
74	21.415	3111	3116	3121	rBV	3137109	3871499	5.35%	1.601%
75	23.368	3442	3448	3455	rBV	2067124	3793497	5.25%	1.569%
76	23.509	3466	3472	3480	rVB2	1407825	2639539	3.65%	1.092%

Sum of corrected areas: 241765031

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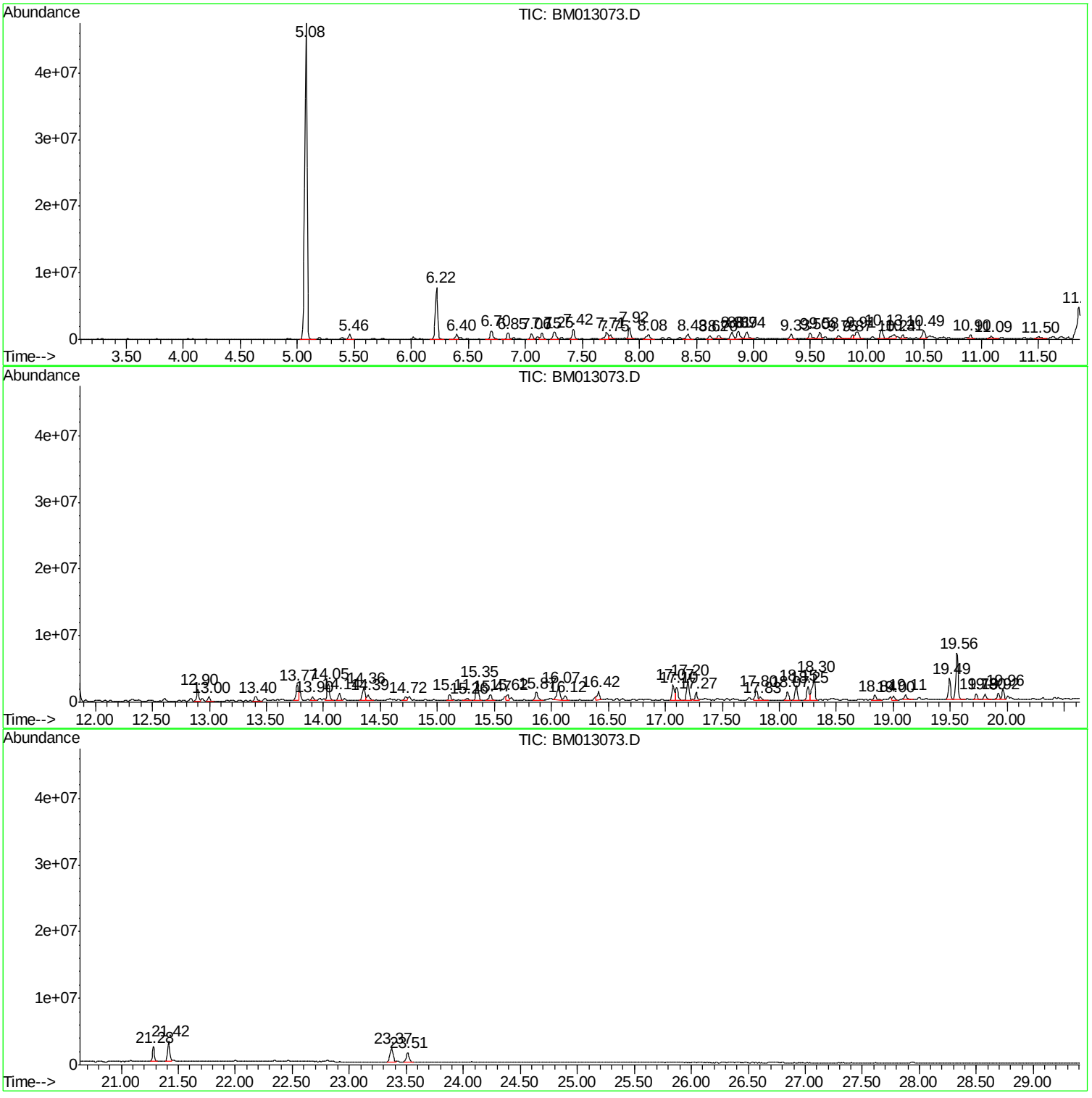
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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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Quant Title : SVOA CALIBRATION

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

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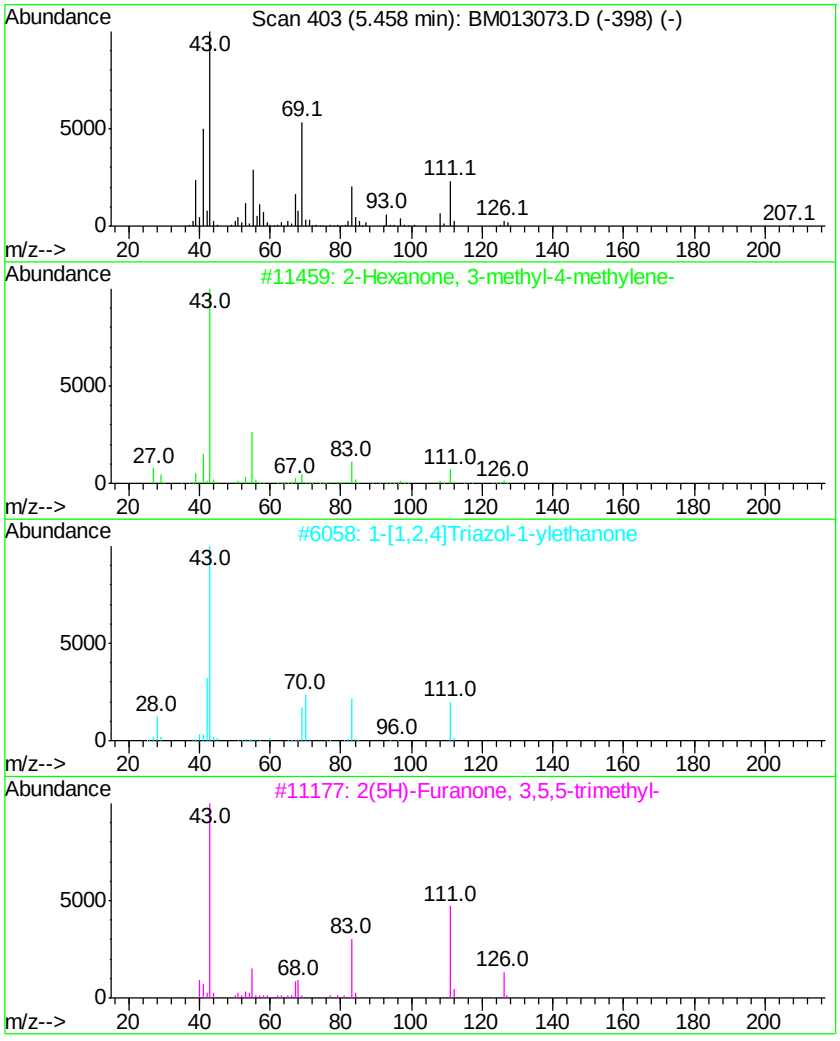
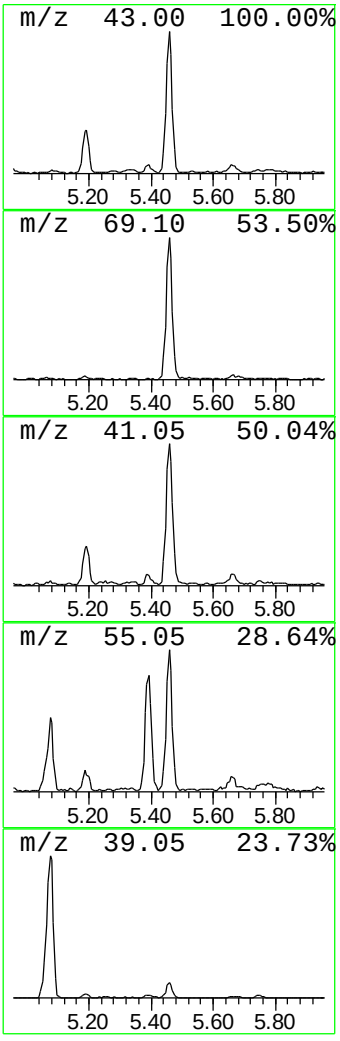
Peak Number 2 2-Hexanone, 3-methyl-4-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	10.28 ng/ul	1058870	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	1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	49
3	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	46
4	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	38
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	37





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Sample : I6405-09
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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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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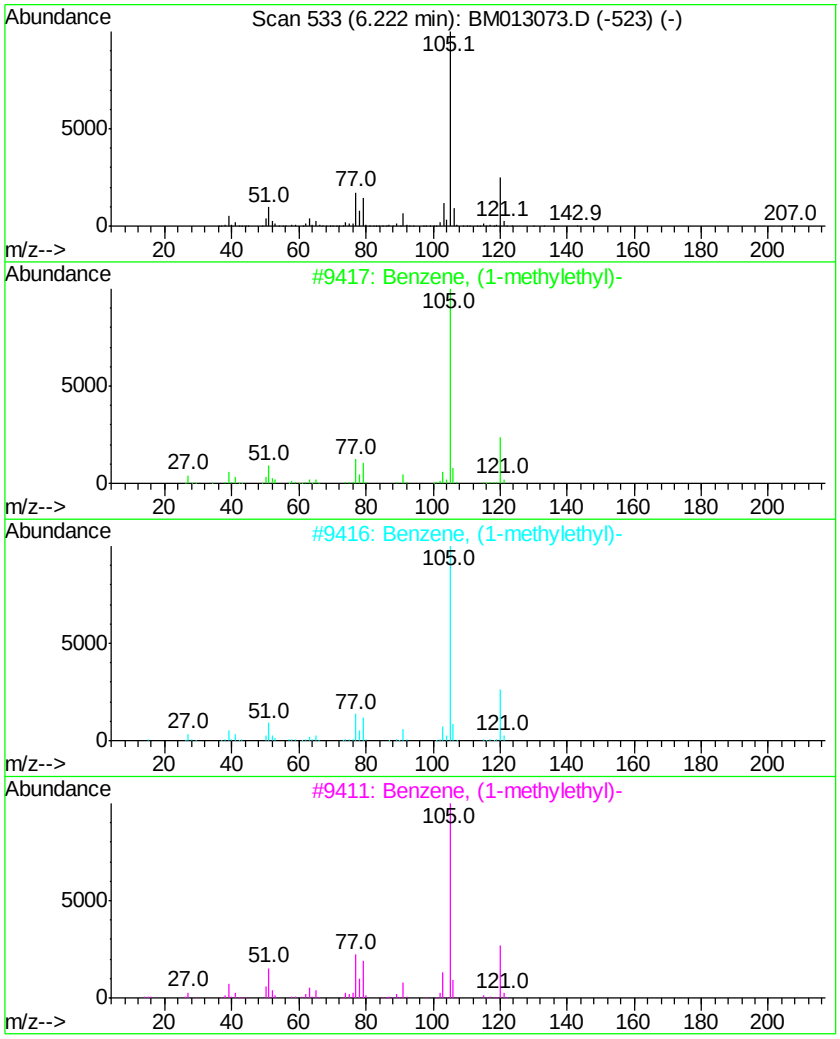
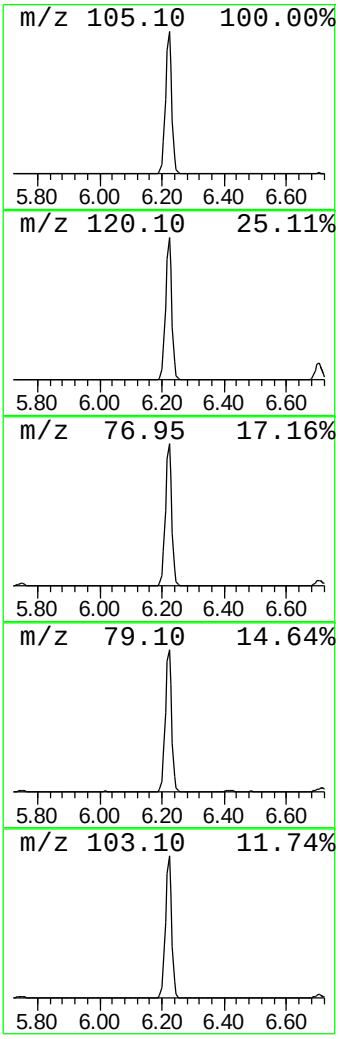
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	109.90 ng/ul	11315500	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	91





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

TIC Library : C:\DATABASE\NIST11.L
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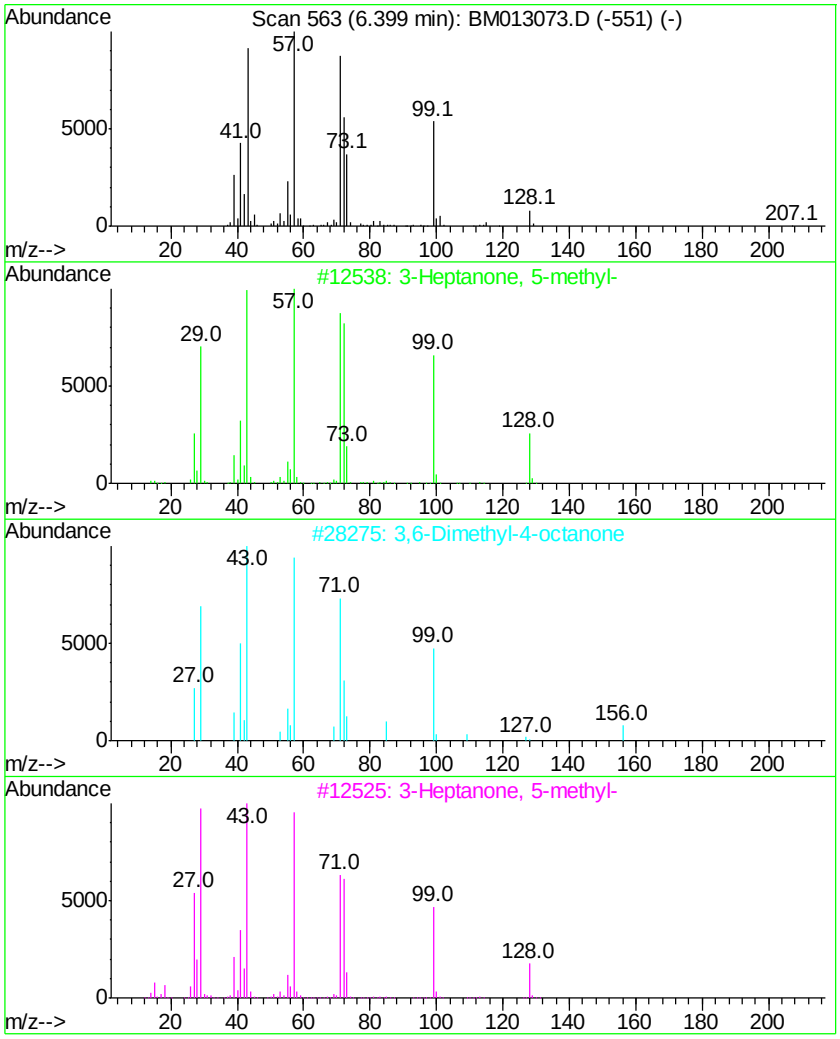
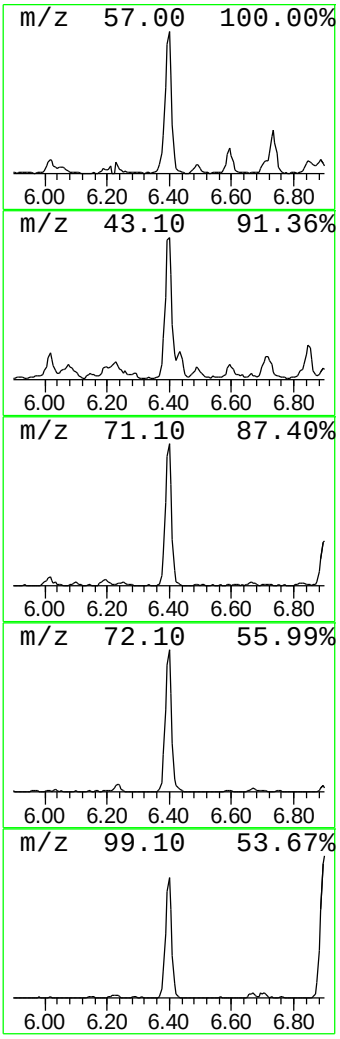
Peak Number 4 3-Heptanone, 5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	12.00 ng/ul	1235500	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	86
2	3,6-Dimethyl-4-octanone	156	C10H20O	034645-03-9	64
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	53
4	3-Octanone	128	C8H16O	000106-68-3	53
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	52





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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

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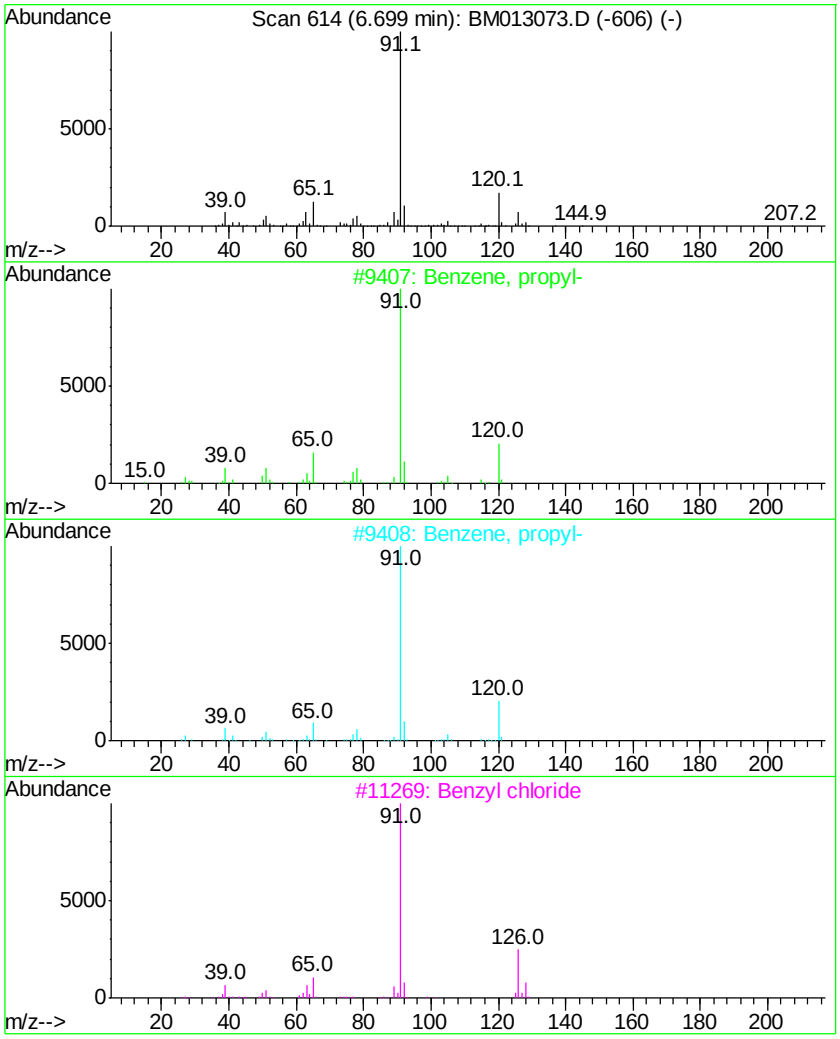
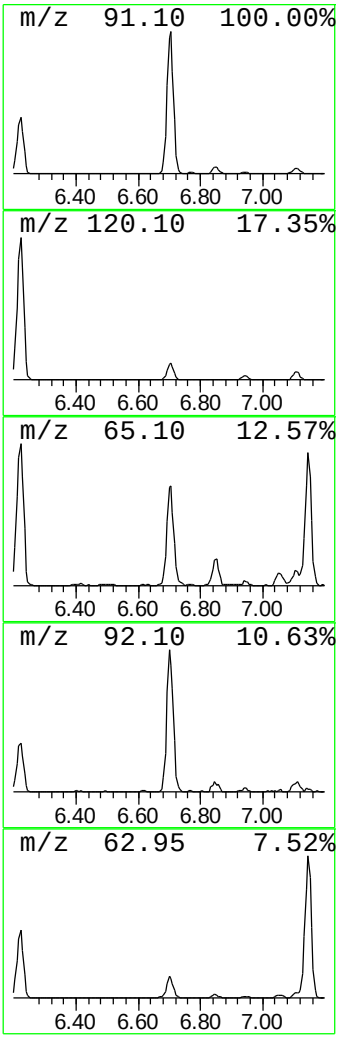
Peak Number 5 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	20.31 ng/ul	2091500	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzyl chloride	126	C7H7Cl	000100-44-7	68
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	Benzyl chloride	126	C7H7Cl	000100-44-7	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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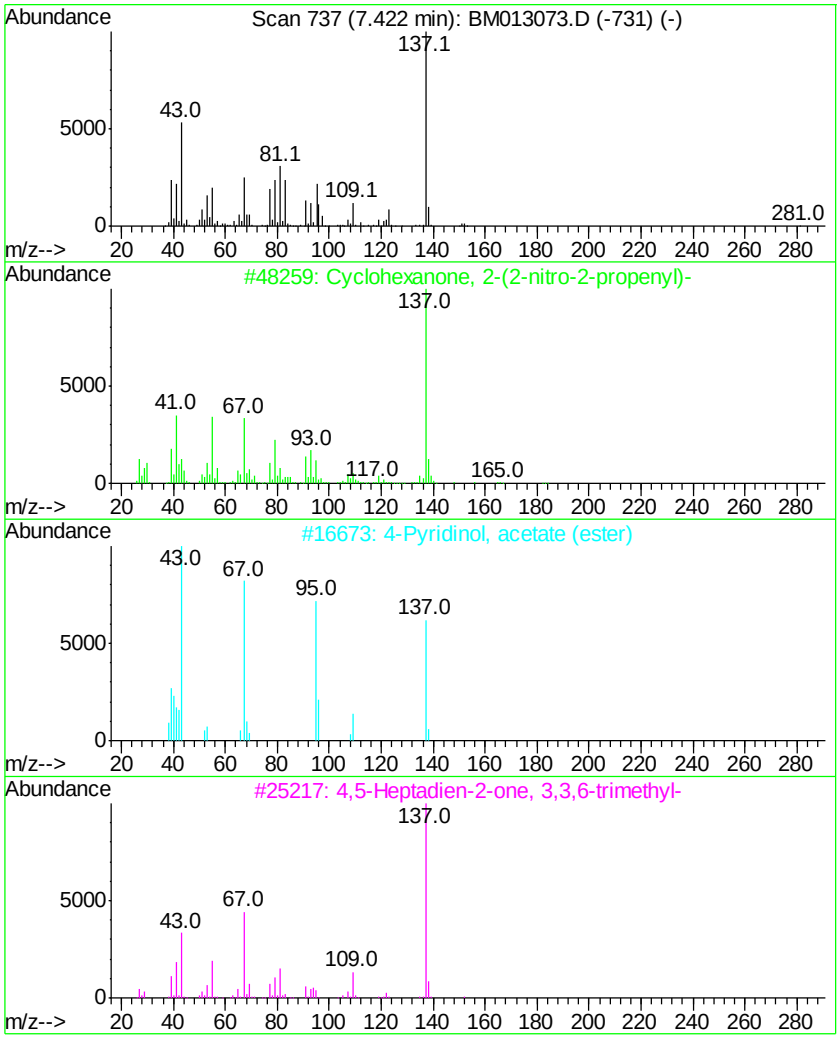
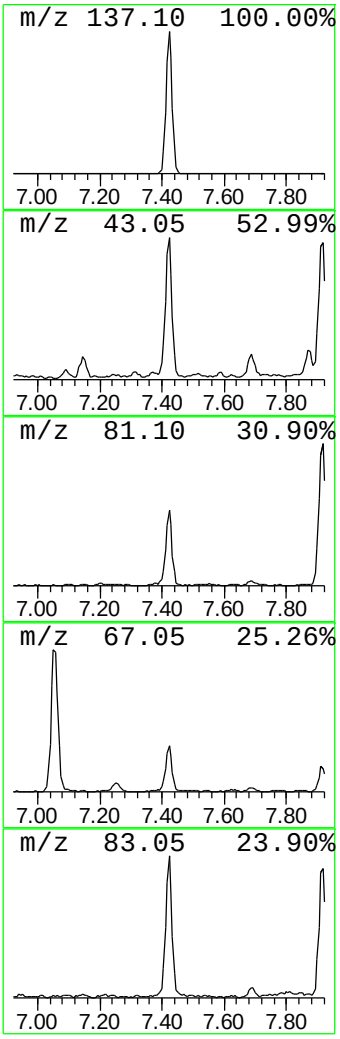
Peak Number 6 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	21.30 ng/ul	2193470	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(2-nitro-2-prop...	183	C9H13NO3	078551-08-3	40
2	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	38
3	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	38
4	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	37
5	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	37





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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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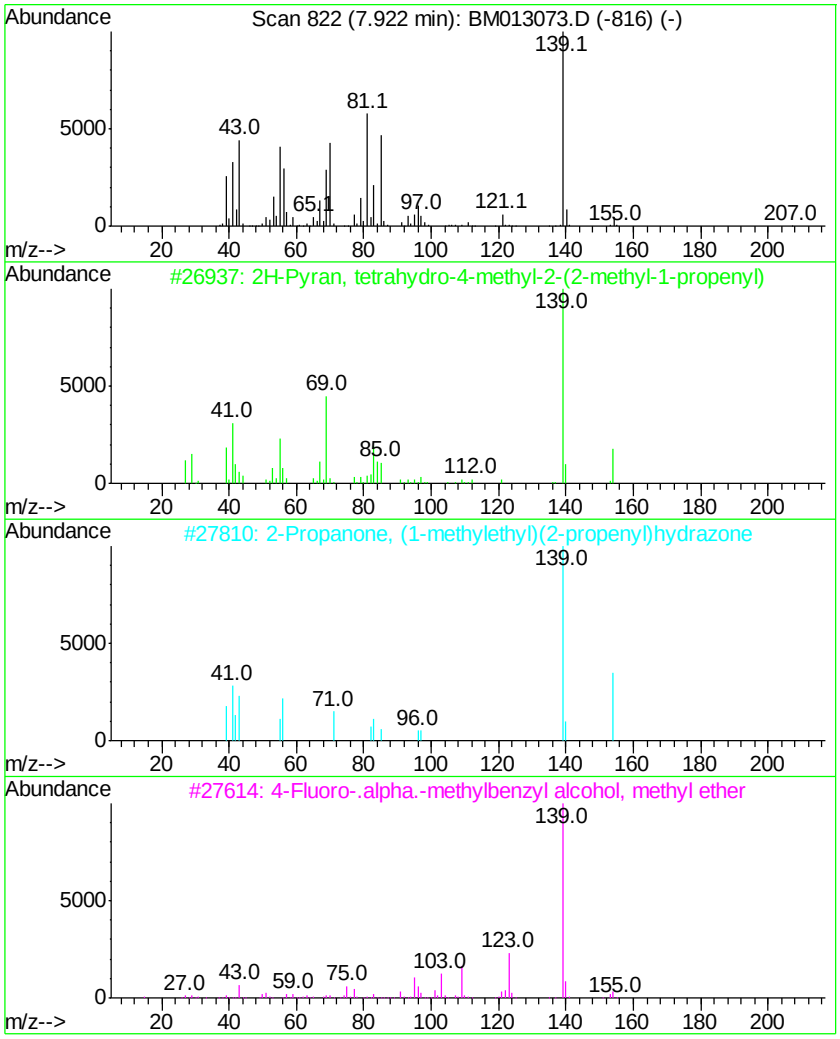
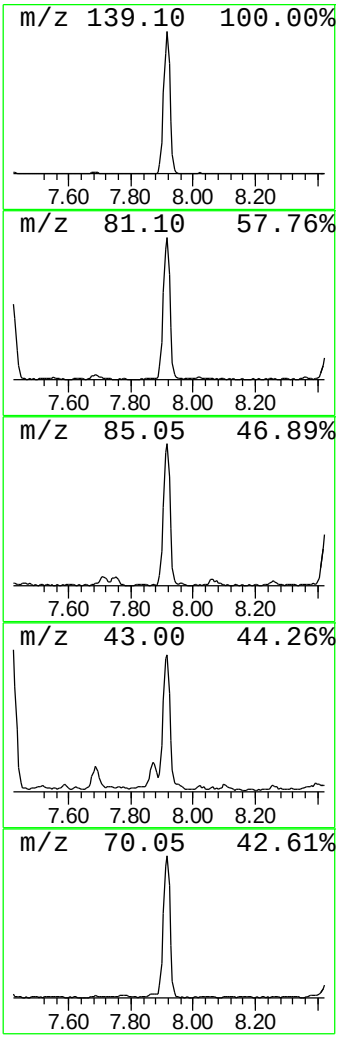
Peak Number 7 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	24.94 ng/ul	2567490	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	32
2	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	25
3	4-Fluoro-.alpha.-methylbenzyl al...	154	C9H11FO	1000365-11-0	17
4	Silane, 1-hexynyltrimethyl-	154	C9H18Si	003844-94-8	17
5	5-Fluoro-2-hydroxyacetophenone	154	C8H7FO2	000394-32-1	17





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Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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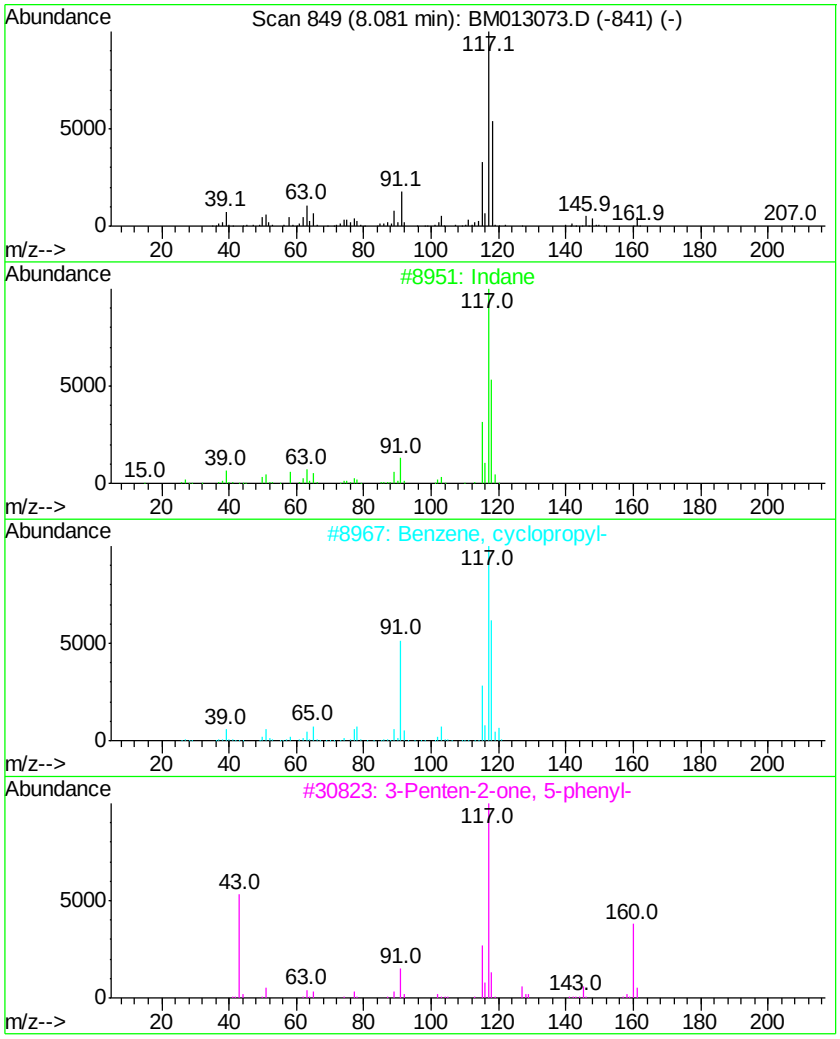
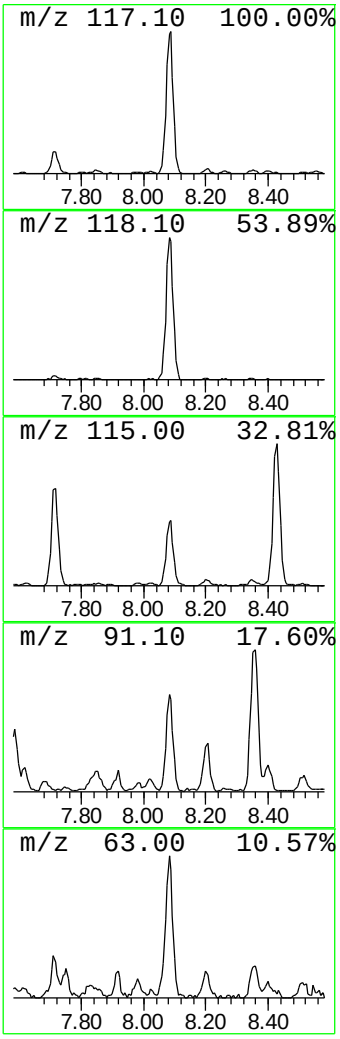
Peak Number 8 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	15.42 ng/ul	1587960	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
3	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	53
4	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	53
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50





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Operator : SJ/JU
Sample : I6405-09
Misc :
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Quant Title : SVOA CALIBRATION

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

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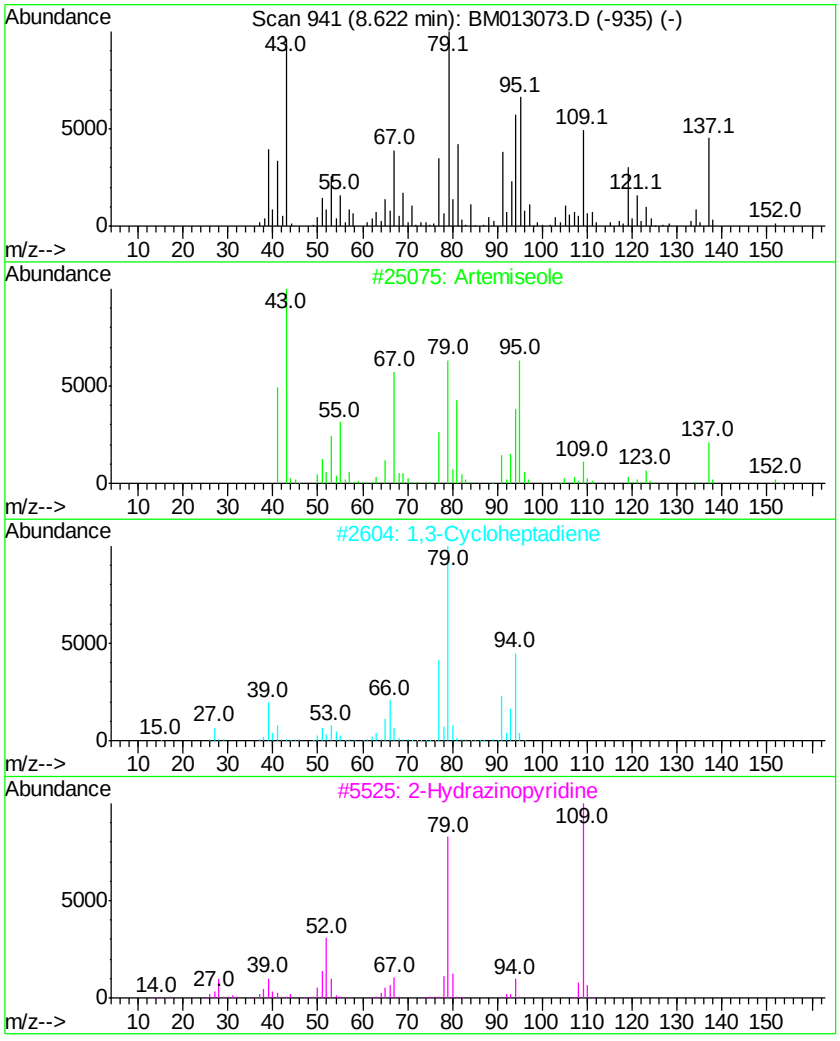
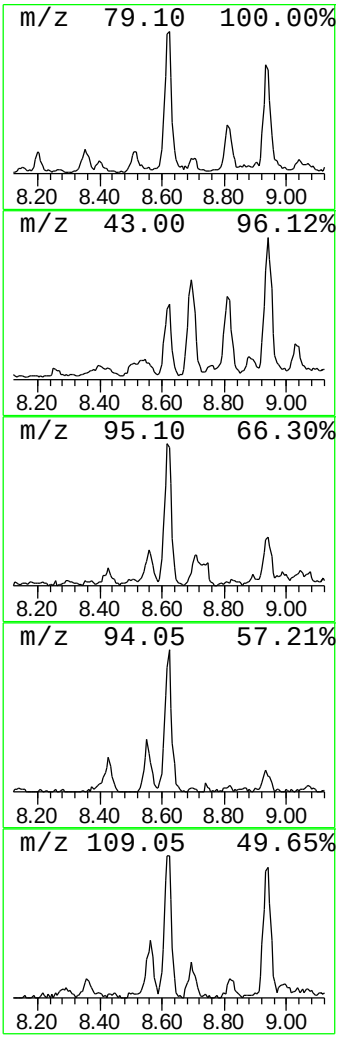
Peak Number 9 Artemiseole Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	7.53 ng/ul	775717	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Artemiseole	152	C10H16O	060485-46-3	50
2	1,3-Cycloheptadiene	94	C7H10	004054-38-0	30
3	2-Hydrazinopyridine	109	C5H7N3	004930-98-7	30
4	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	018881-04-4	27
5	cis-Verbenol	152	C10H16O	001845-30-3	27





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ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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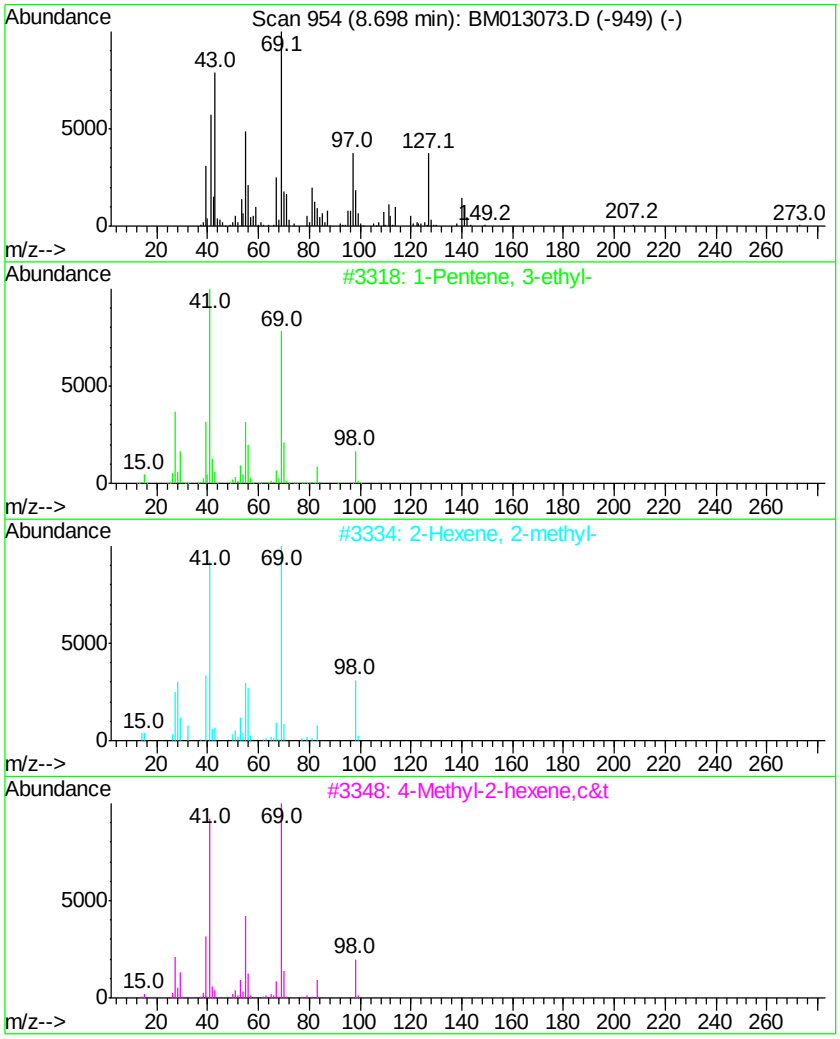
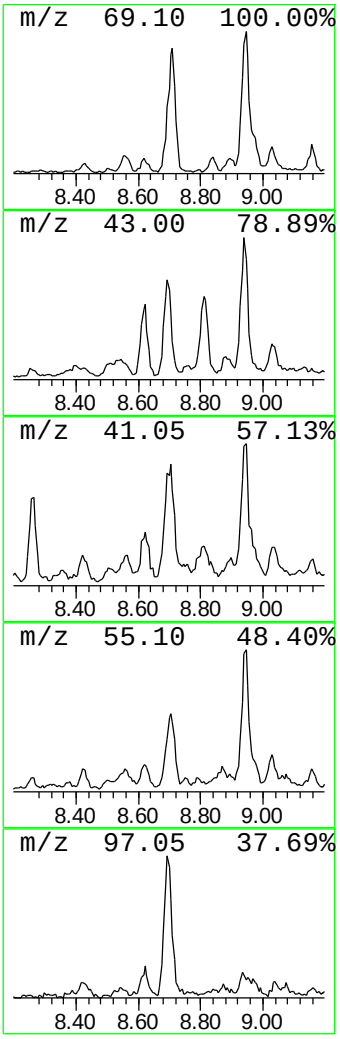
Peak Number 10 (DEL) Alkane: Cyclic8.70 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	9.39 ng/ul	966310	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	49
2	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	46
3	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	43
4	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	43
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	43





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ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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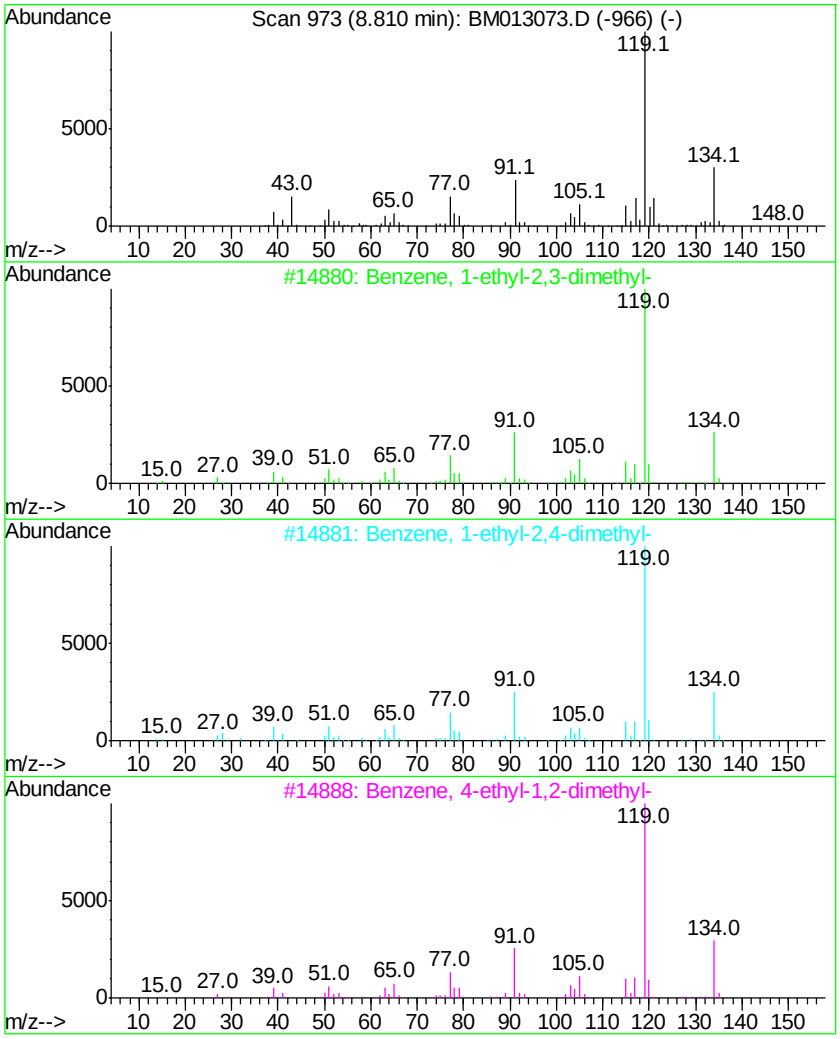
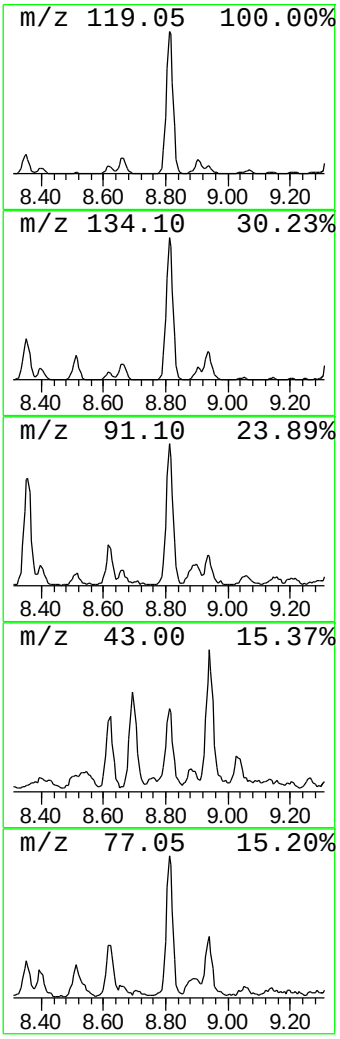
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	16.88 ng/ul	1738190	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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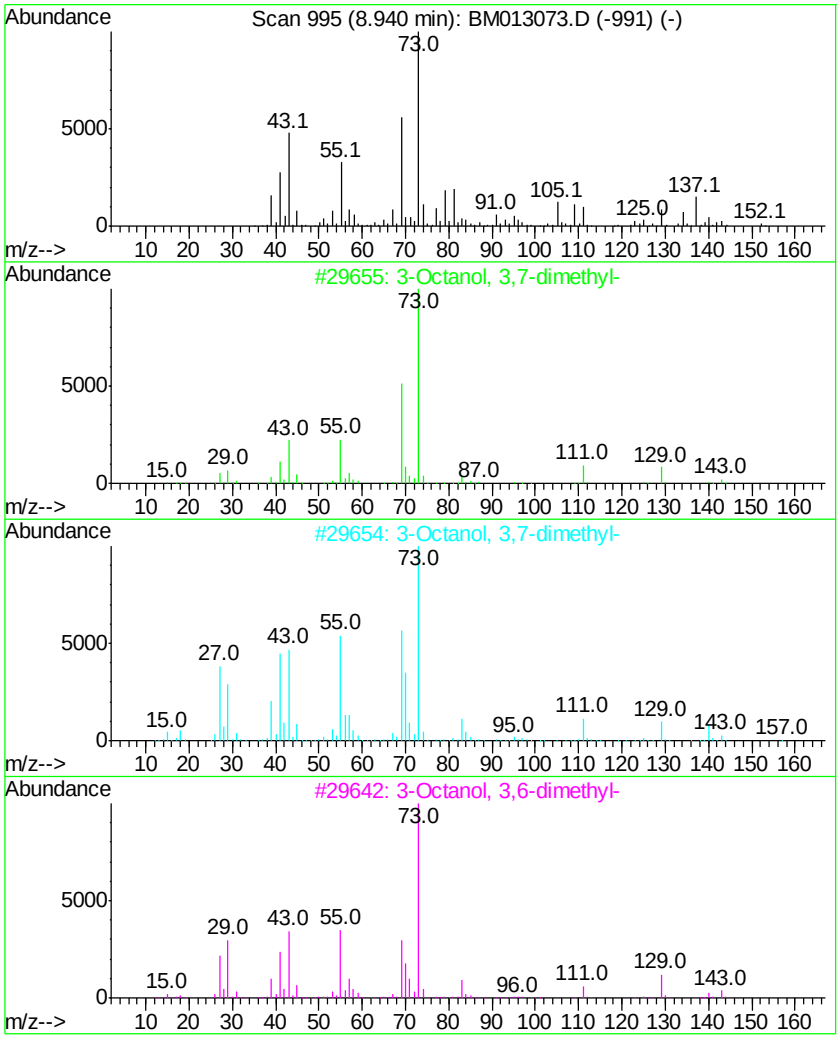
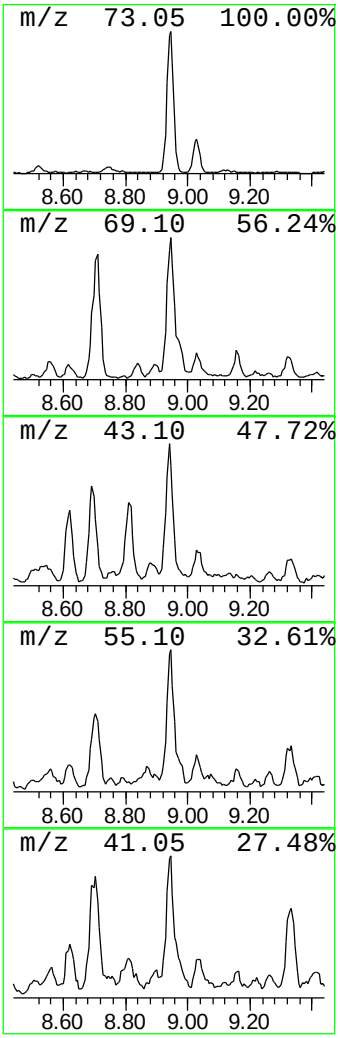
Peak Number 12 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	19.11 ng/ul	1968100	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	22
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	17
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	12
4	Neopentylidenecyclohexane	152	C11H20	039546-80-0	10
5	8-(2-Nitrophenoxy)octan-1-ol	267	C14H21NO4	167685-26-9	10





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ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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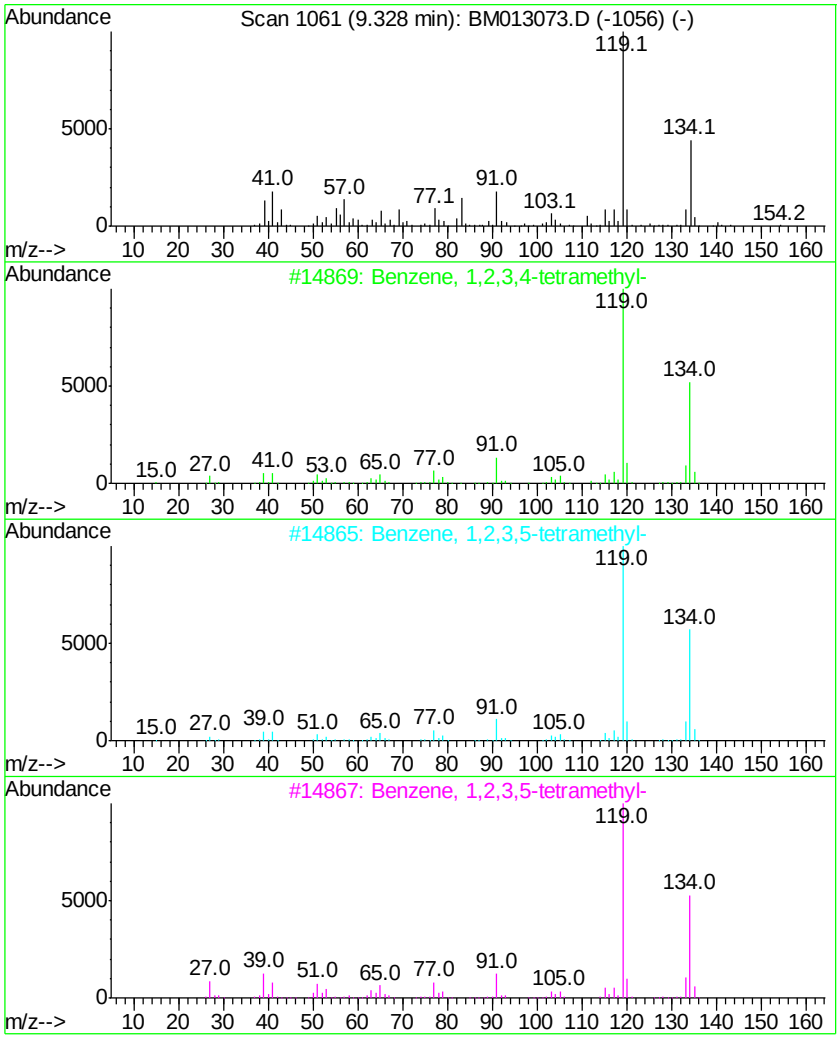
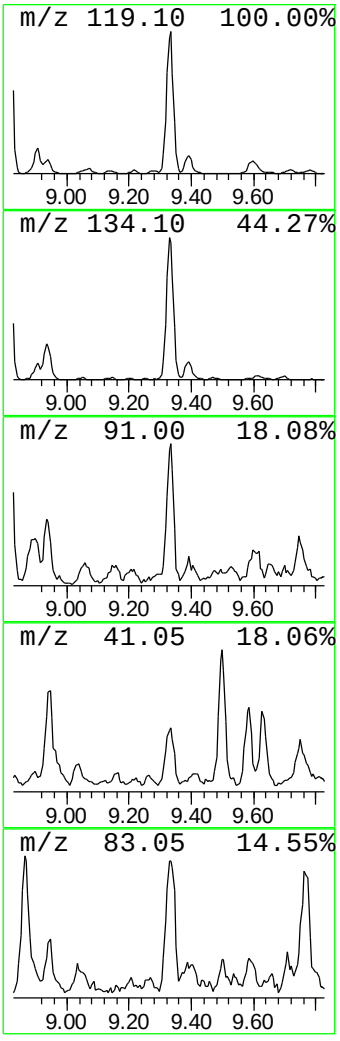
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	11.86 ng/ul	1219250	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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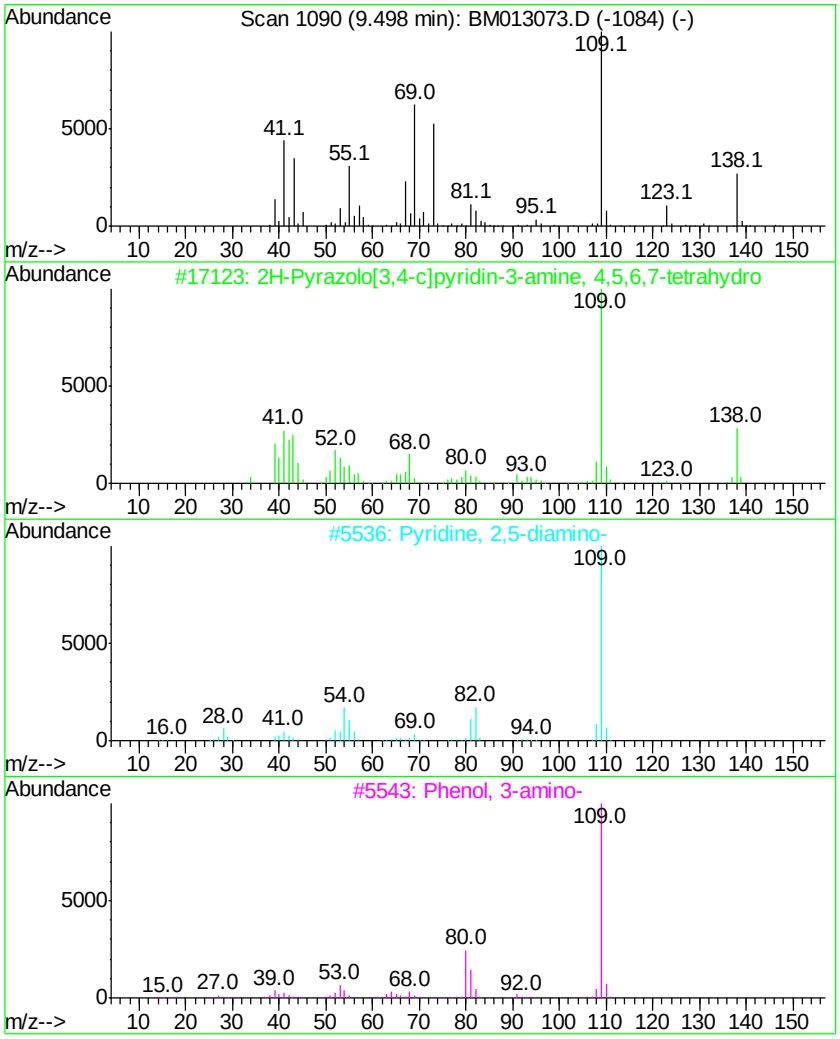
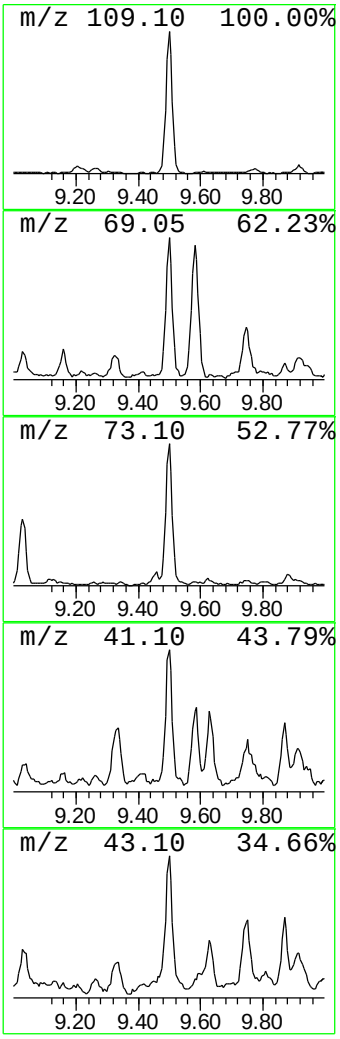
Peak Number 14 unknown-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	13.93 ng/ul	1432170	Naphthalene-d8	10.49

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	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	43
3	Phenol, 3-amino-	109	C6H7NO	000591-27-5	38
4	1,2,5-Oxadiazole-3-carboxamide, ...	279	C12H14FN5O2	1000319-53-8	38
5	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	36





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ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

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

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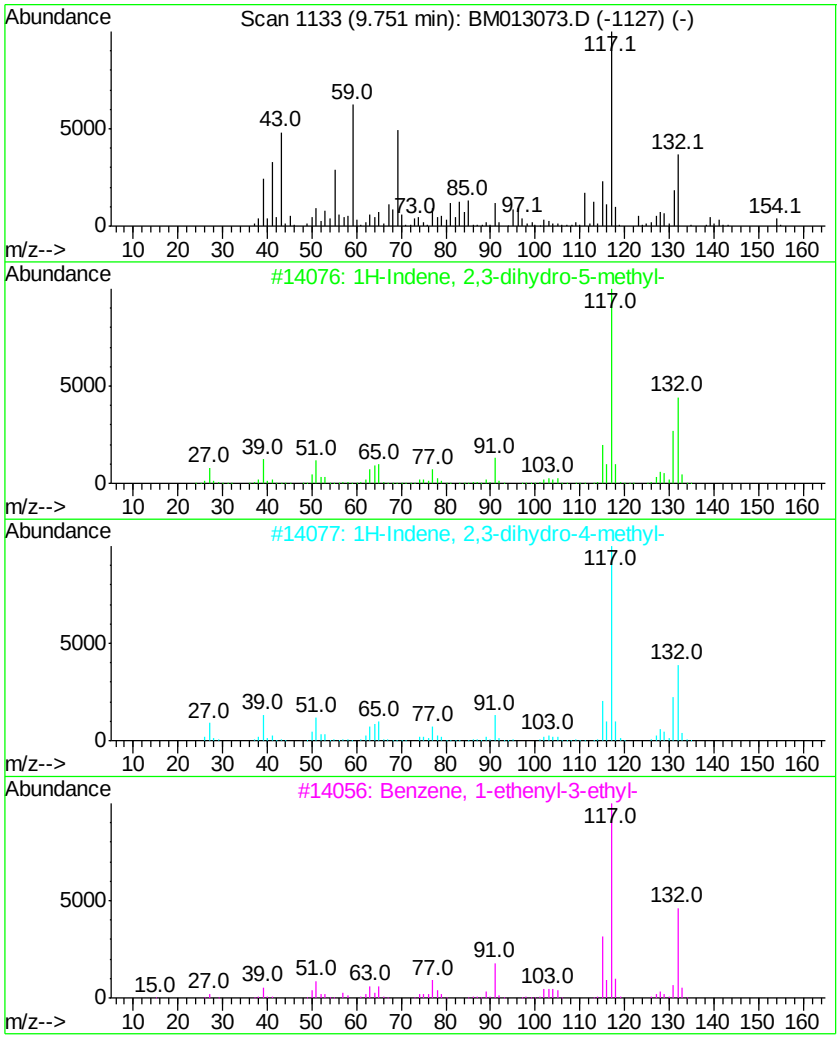
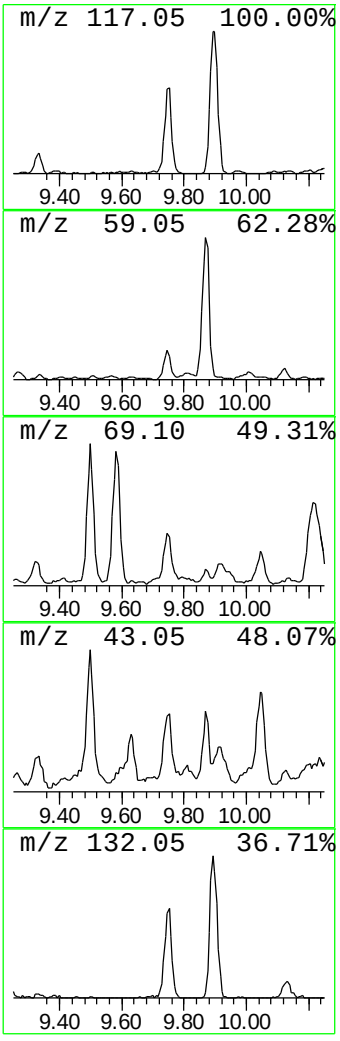
Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	12.22 ng/ul	1255840	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	60
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4	Indan, 1-methyl-	132	C10H12	000767-58-8	50
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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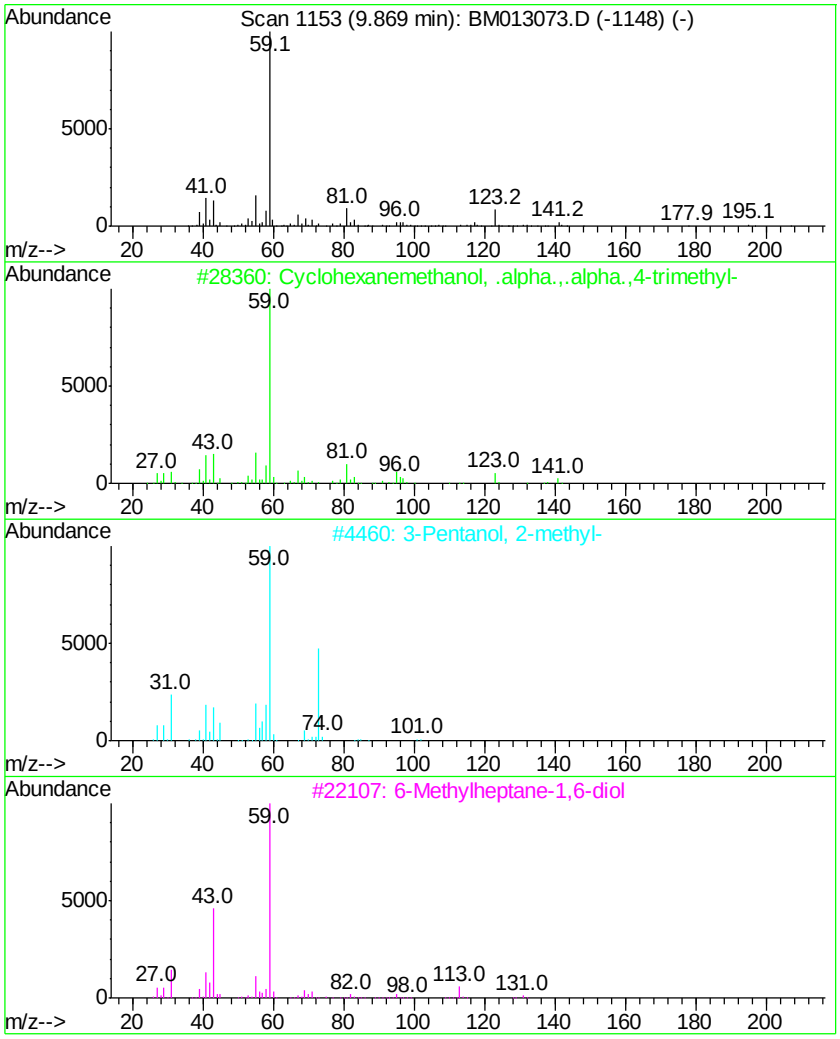
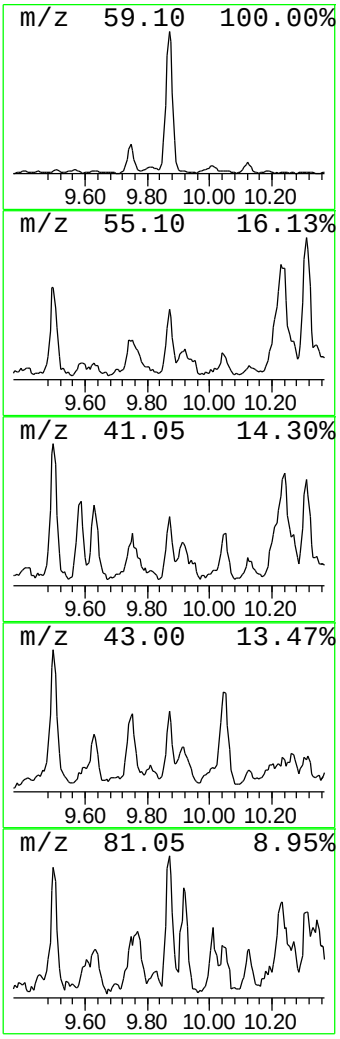
Peak Number 16 Cyclohexanemethanol, .alpha... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	8.66 ng/ul	889648	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	53
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	53
3	6-Methylheptane-1,6-diol	146	C8H18O2	005392-57-4	53
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	50
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	45





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Quant Title : SVOA CALIBRATION

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

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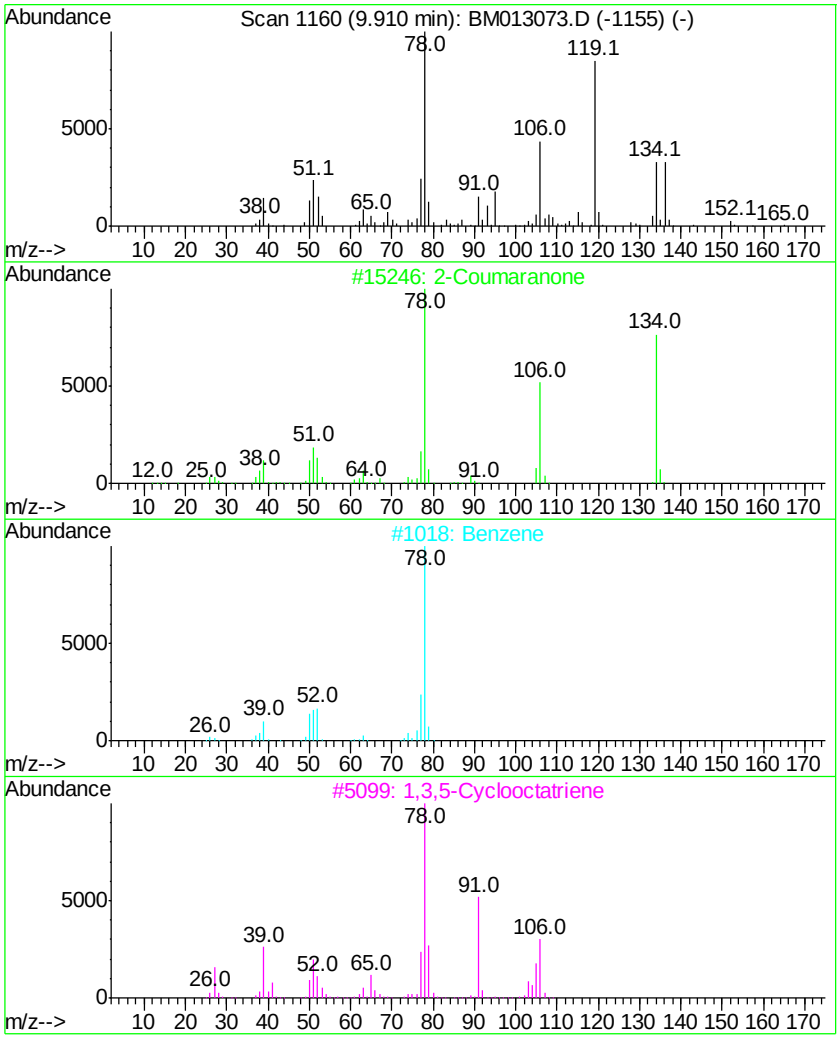
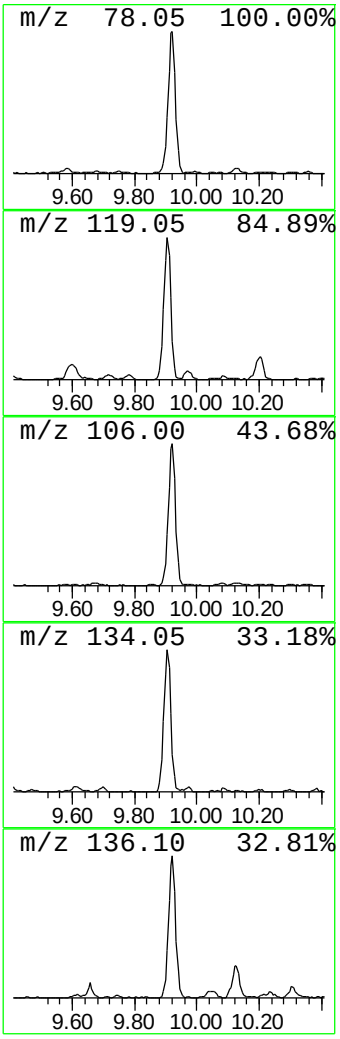
Peak Number 17 2-Coumaranone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	24.08 ng/ul	2475100	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Coumaranone	134	C8H6O2	000553-86-6	76
2	Benzene	78	C6H6	000071-43-2	64
3	1,3,5-Cyclooctatriene	106	C8H10	001871-52-9	64
4	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	62
5	2,4-Hexadiyne	78	C6H6	002809-69-0	50





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Quant Title : SVOA CALIBRATION

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

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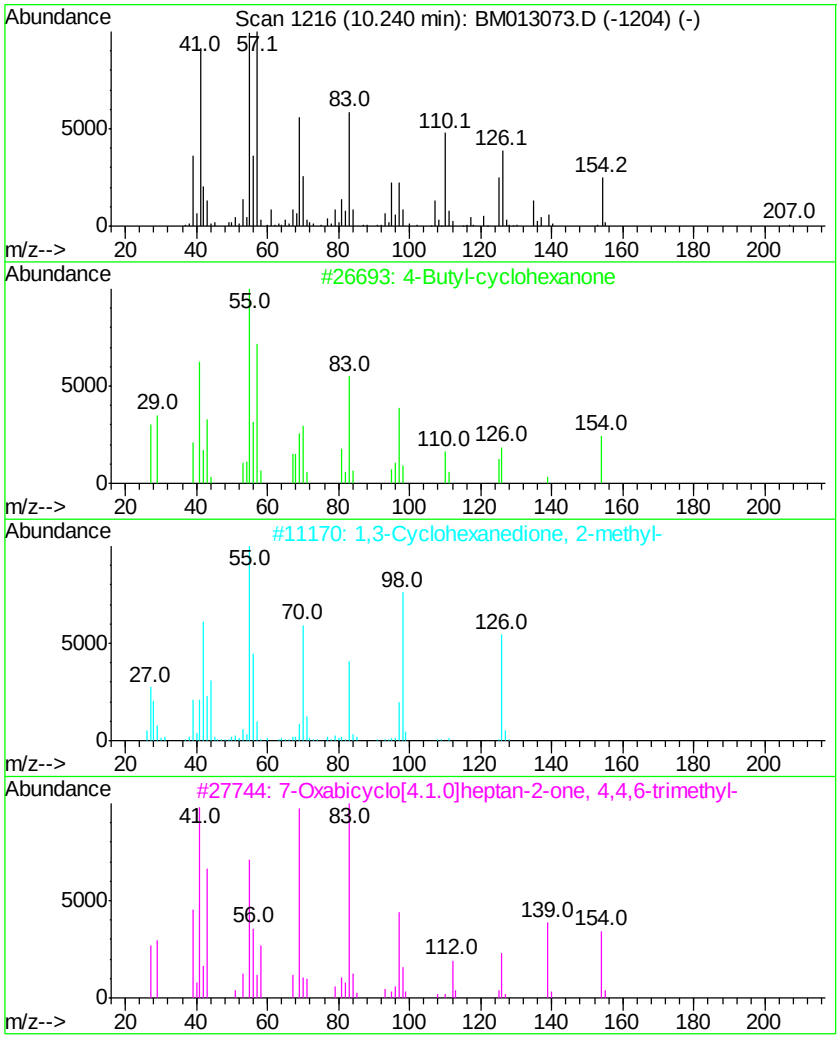
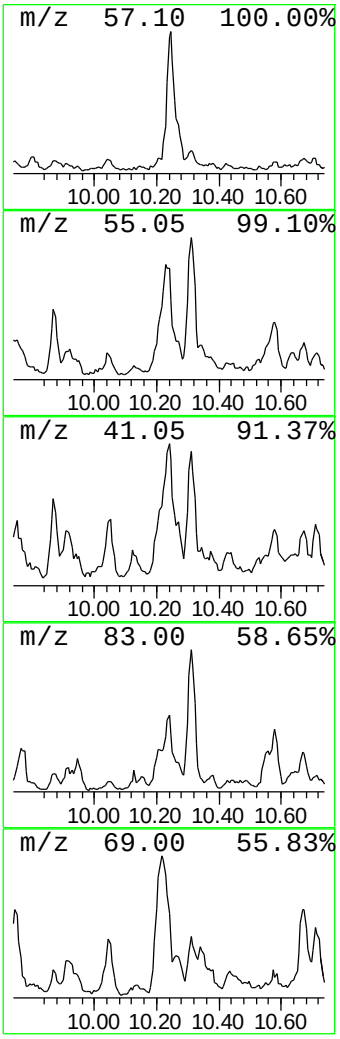
Peak Number 18 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	16.10 ng/ul	1654220	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	38
2	1,3-Cyclohexanedione, 2-methyl-	126	C7H10O2	001193-55-1	27
3	7-Oxabicyclo[4.1.0]heptan-2-one,...	154	C9H14O2	010276-21-8	25
4	Cyclohexanone, 4-ethyl-3,4-dimet...	154	C10H18O	017429-42-4	22
5	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	22





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Quant Title : SVOA CALIBRATION

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

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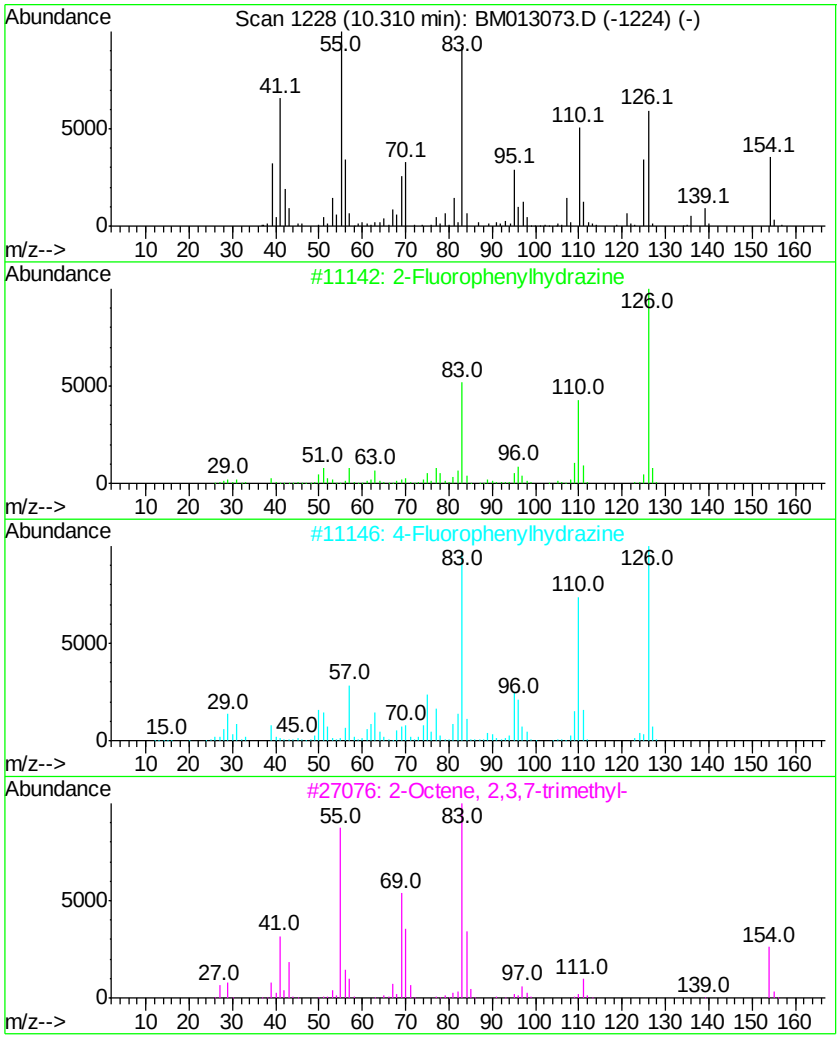
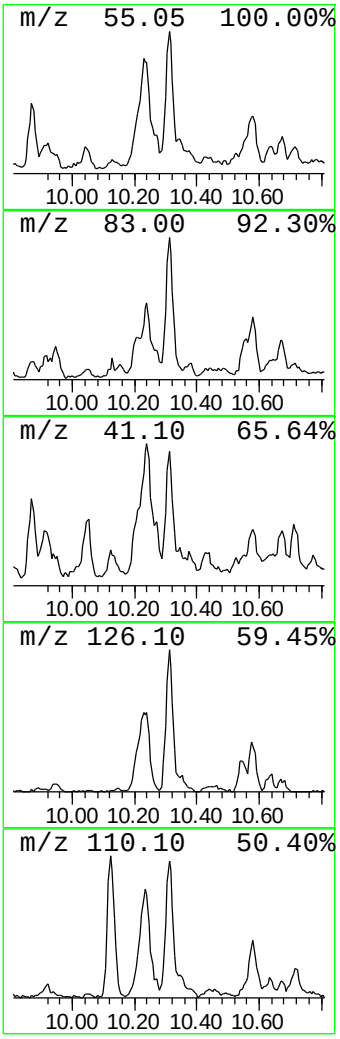
Peak Number 19 2-Fluorophenylhydrazine Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	7.81 ng/ul	802341	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorophenylhydrazine	126	C6H7FN2	002368-80-1	53
2	4-Fluorophenylhydrazine	126	C6H7FN2	000823-85-8	43
3	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	38
4	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	27
5	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	27





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Data File : BM013073.D
Acq On : 21 Nov 2017 08:51
Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

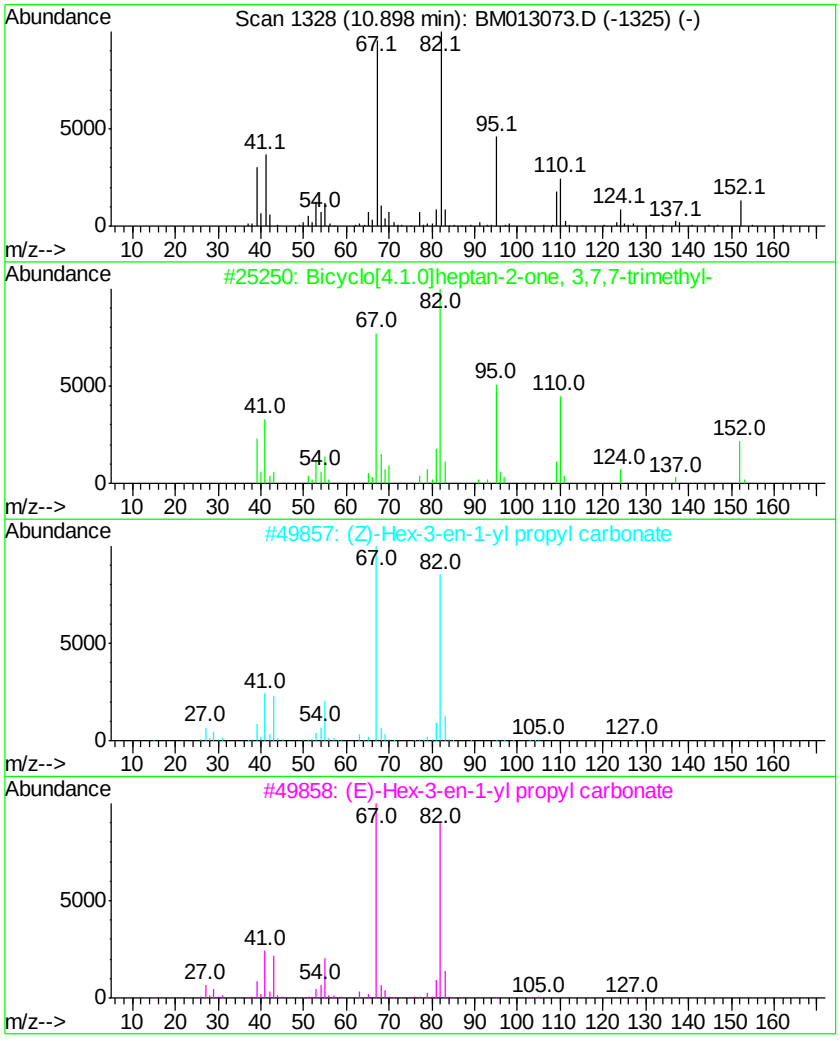
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

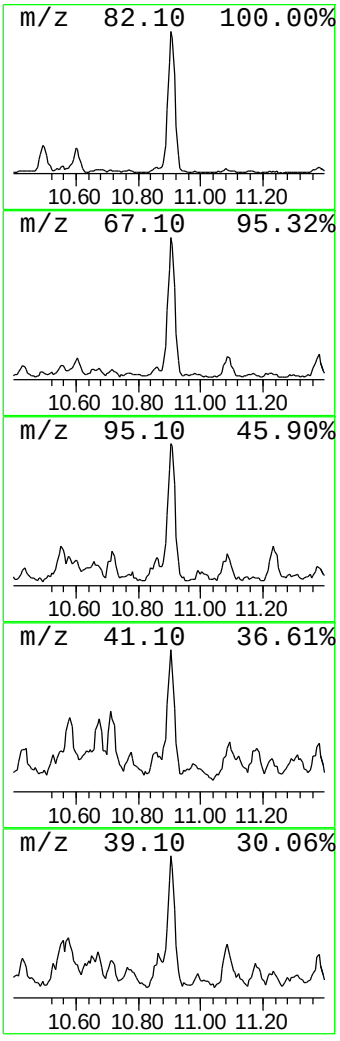
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Bicyclo[4.1.0]heptan-2-one,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	9.59 ng/ul	986079	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	91
2	(Z)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-80-5	50
3	(E)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-83-0	50
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	49
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49





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Acq On : 21 Nov 2017 08:51
Operator : SJ/JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

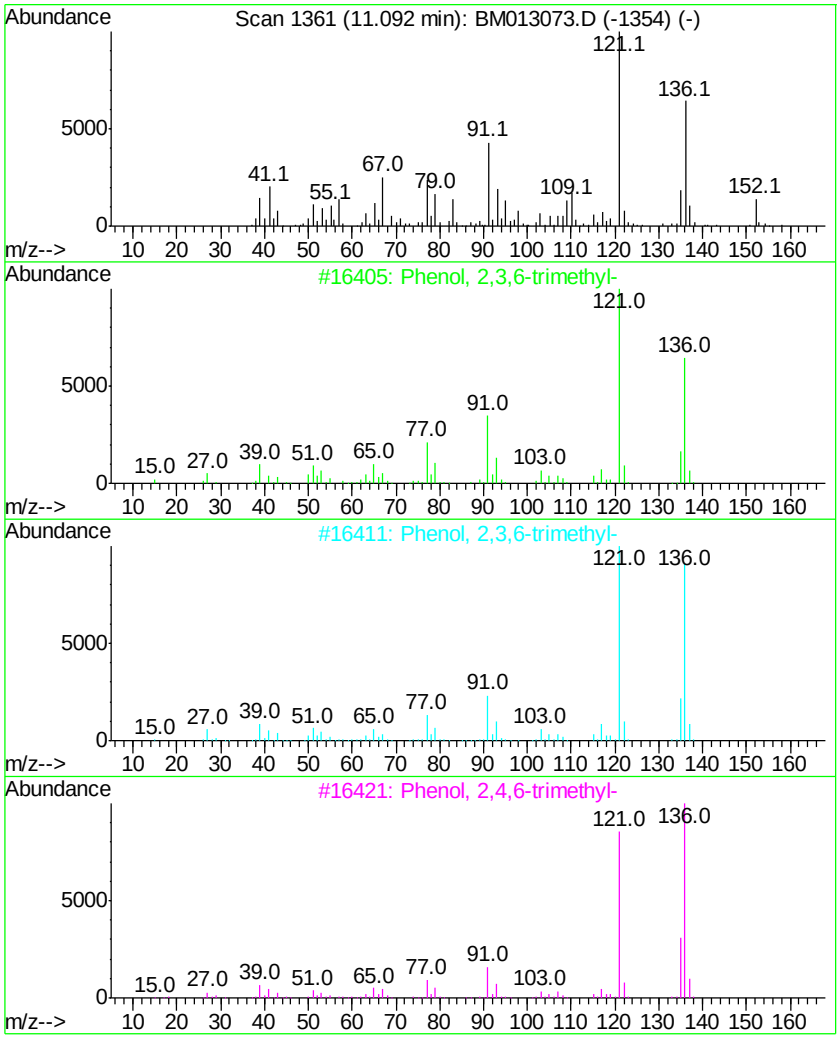
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

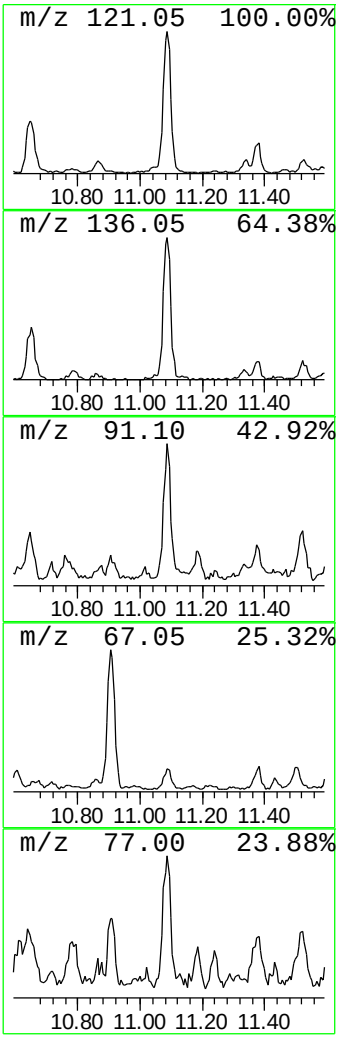
****

Peak Number 21 Phenol, 2,3,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	7.67 ng/ul	788236	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	89
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81





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Acq On : 21 Nov 2017 08:51
Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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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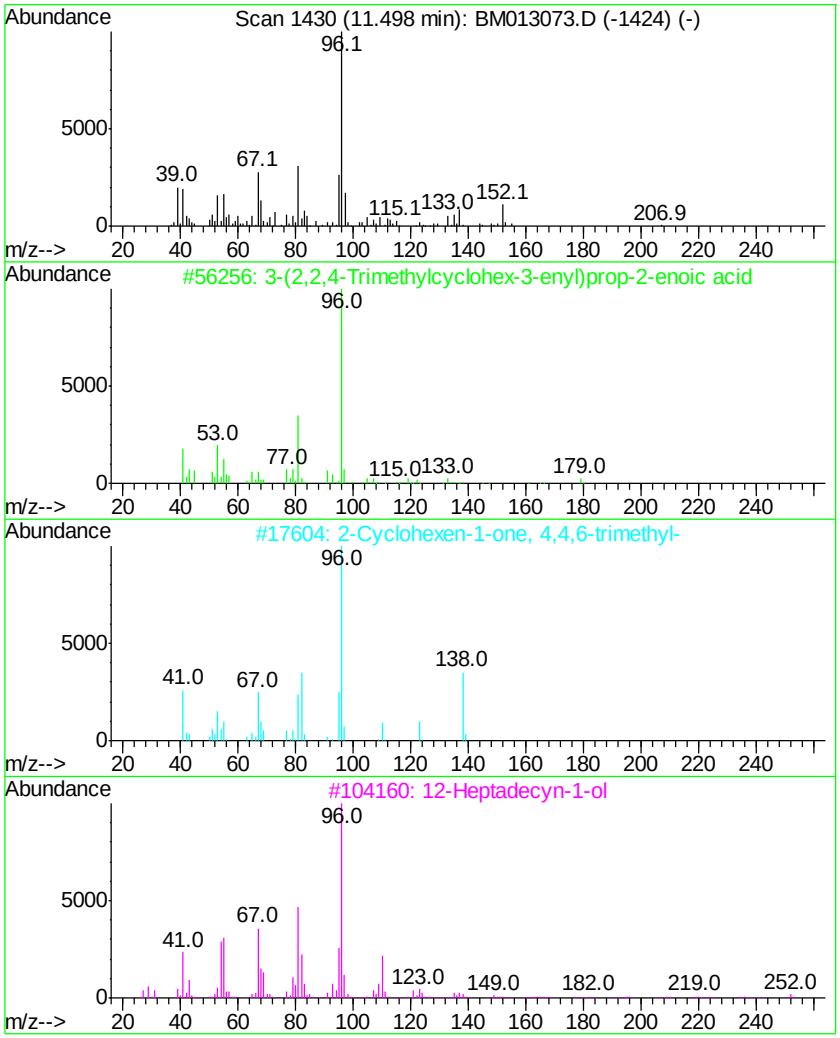
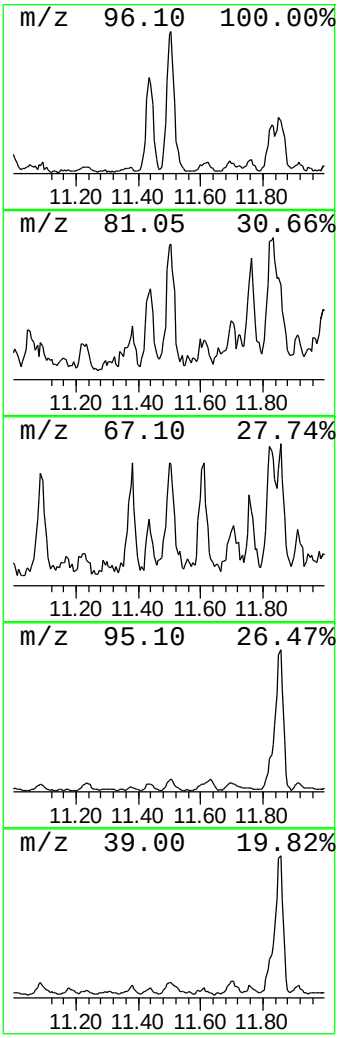
Peak Number 22 unknown-07 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.19 ng/ul	738801	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2,2,4-Trimethylcyclohex-3-eny...	194	C12H18O2	1000215-26-6	43
2	2-Cyclohexen-1-one, 4,4,6-trimet...	138	C9H14O	013395-73-8	42
3	12-Heptadecyn-1-ol	252	C17H32O	056554-76-8	38
4	Cyclohexene, 1-isopentyl-	152	C11H20	003983-04-8	38
5	2,4-Dimethylfuran	96	C6H8O	003710-43-8	38





Library Search Compound Report

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Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

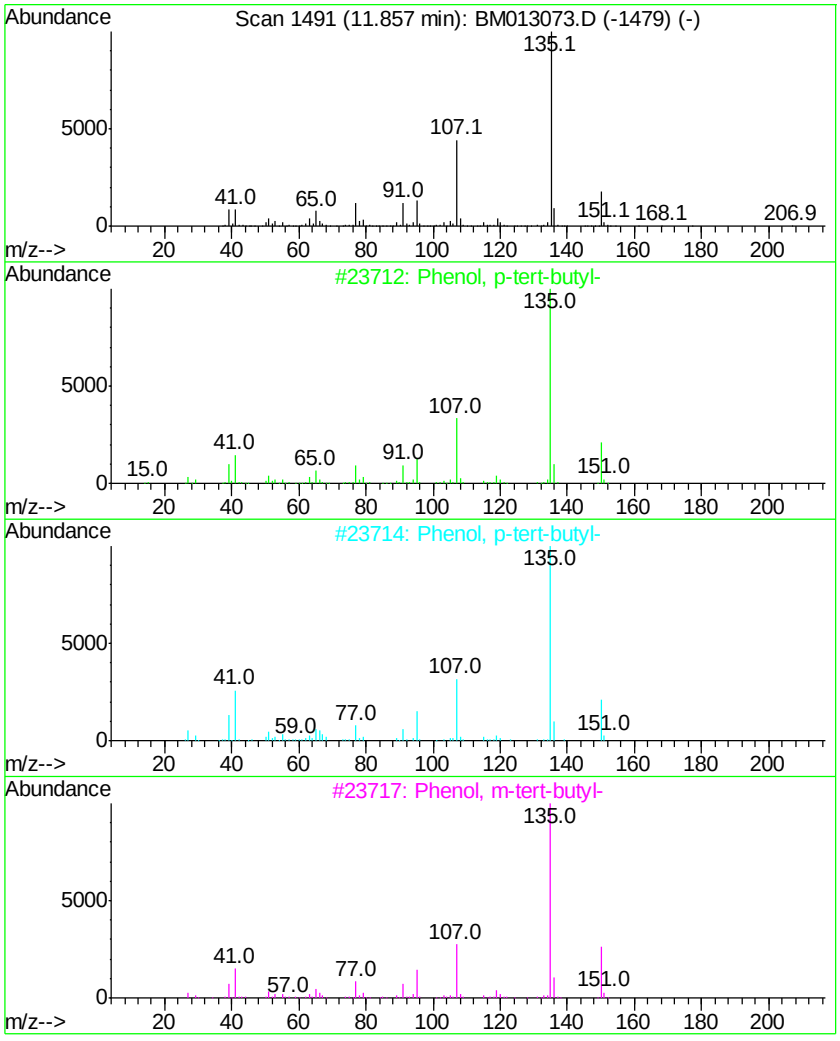
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

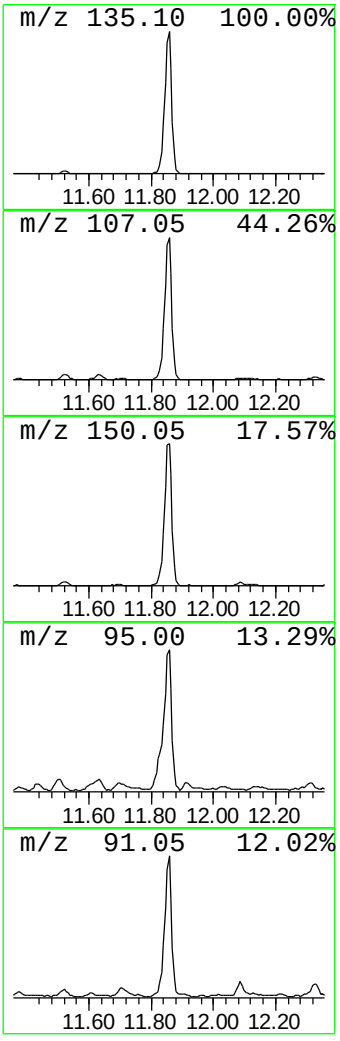
****

Peak Number 23 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	88.22 ng/ul	9066960	Naphthalene-d8	10.49

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	86
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	72
5	Hexestrol	270	C18H22O2	000084-16-2	64





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Acq On : 21 Nov 2017 08:51
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Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

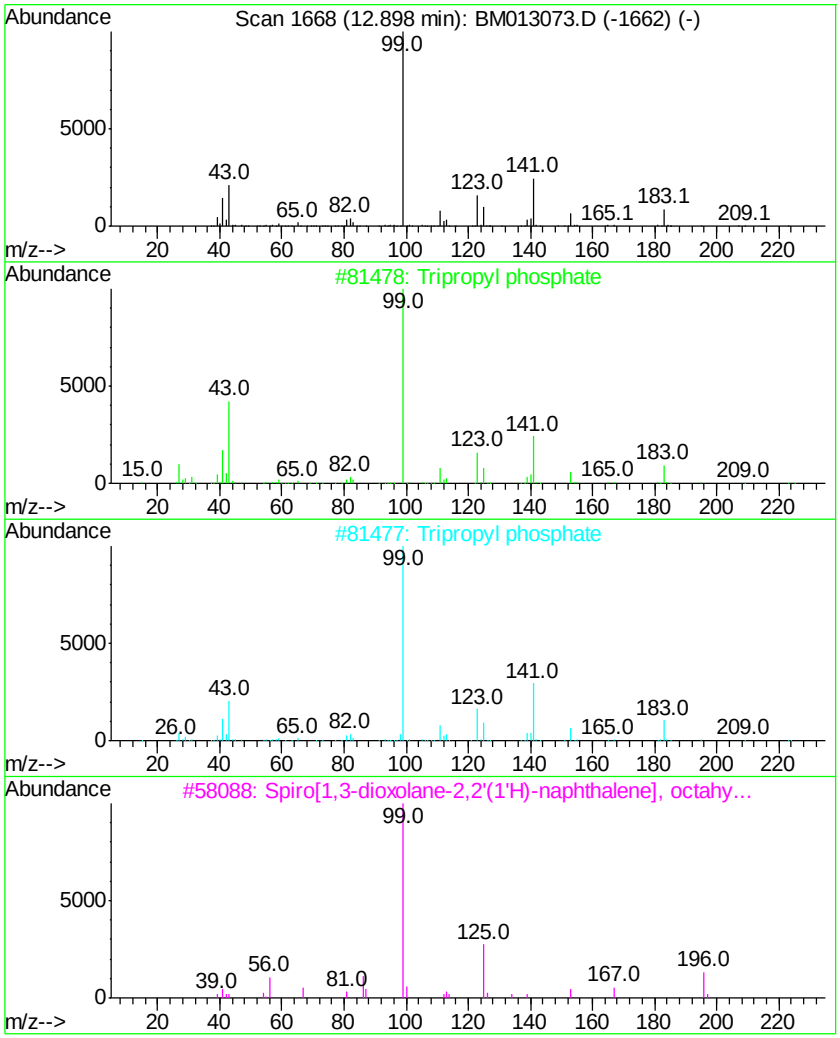
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

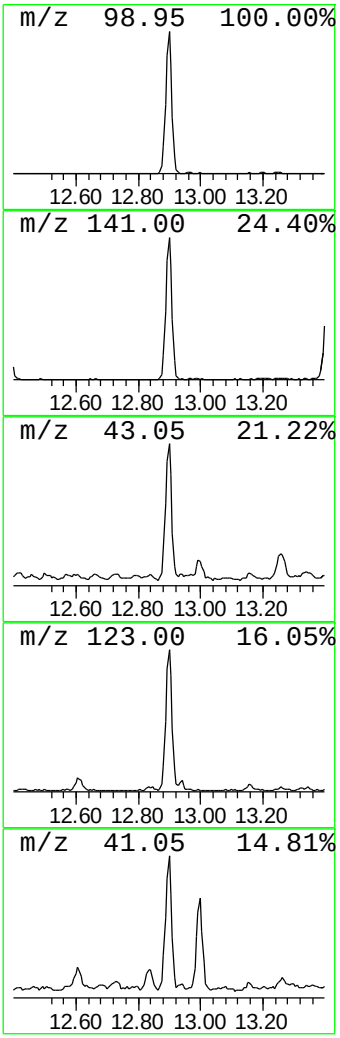
****

Peak Number 24 Tripropyl phosphate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	15.88 ng/ul	2531910	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	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	28
4	Methylphoshonic acid, fluoroanhy...	170	C5H12FO3P	1000273-54-6	28
5	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	9





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Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

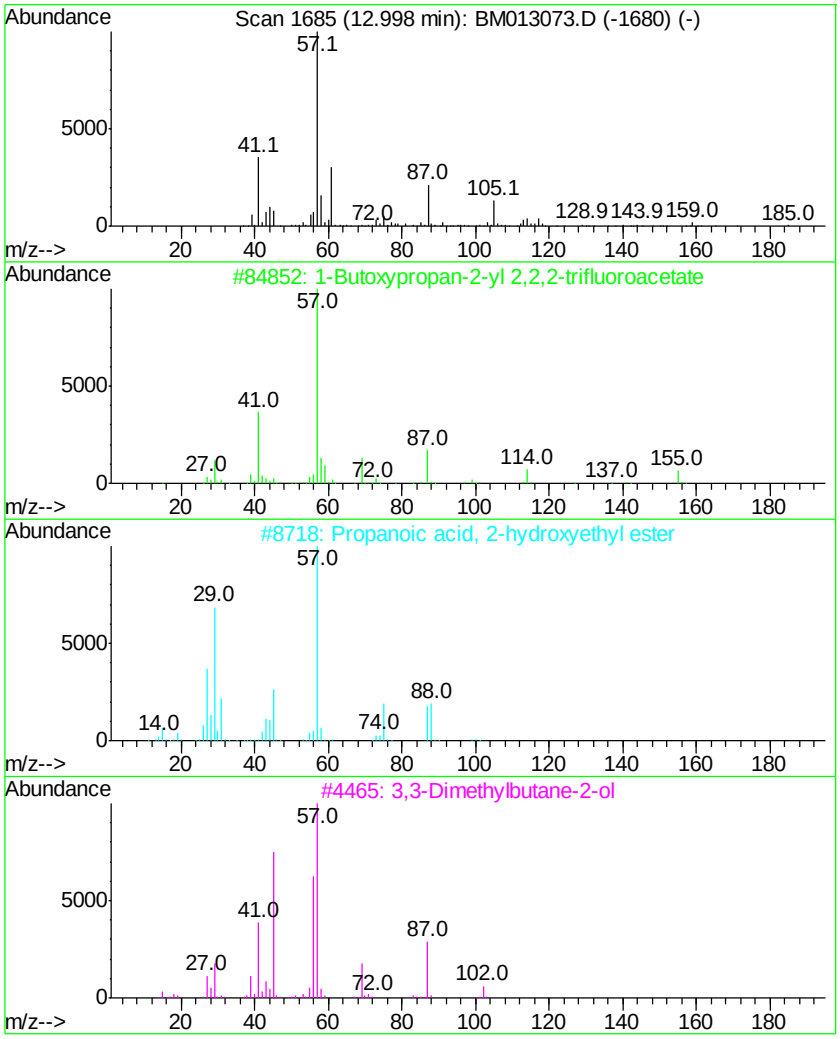
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

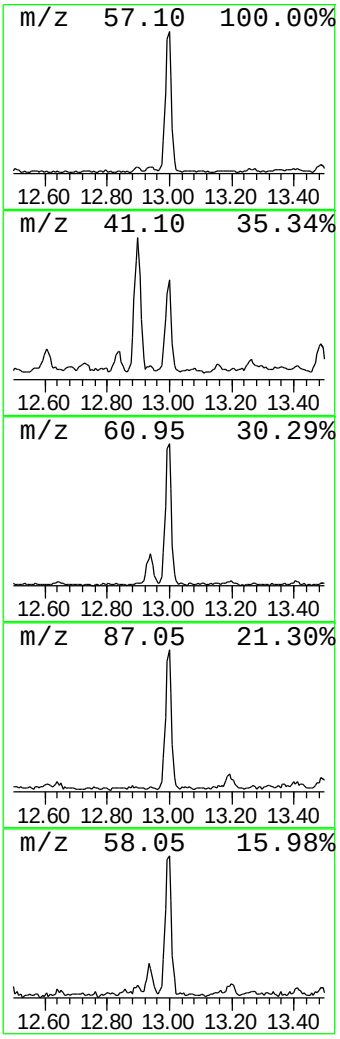
****

Peak Number 25 unknown-08 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.61 ng/ul	893887	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxypropan-2-yl 2,2,2-triflu...	228	C9H15F3O3	1000367-08-1	32
2	Propanoic acid, 2-hydroxyethyl e...	118	C5H10O3	024567-27-9	23
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	12
4	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	12
5	Dibutoxymethane	160	C9H20O2	002568-90-3	12





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Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

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

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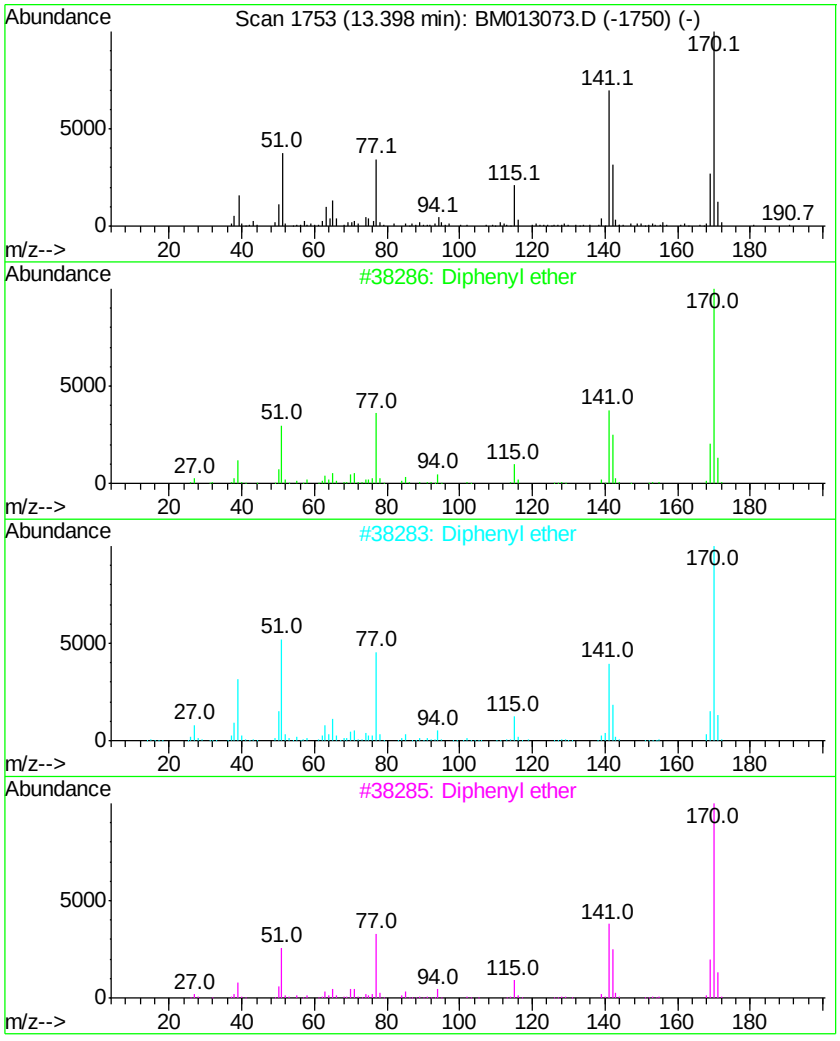
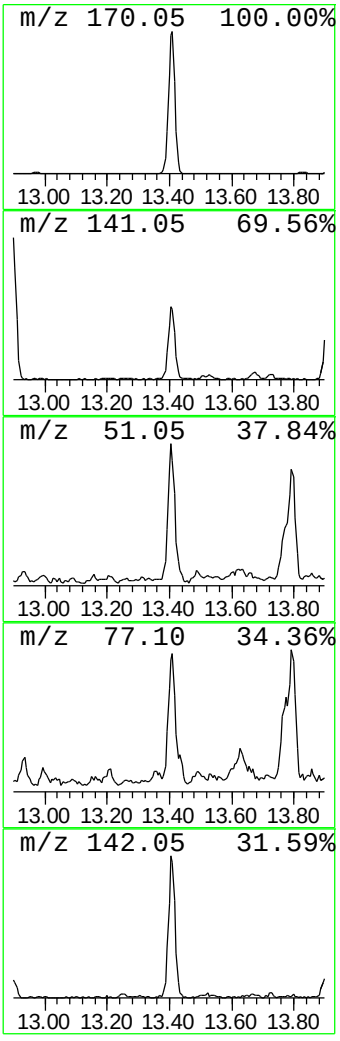
Peak Number 26 Diphenyl ether Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	7.33 ng/ul	1167670	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	87
2	Diphenyl ether	170	C12H10O	000101-84-8	83
3	Diphenyl ether	170	C12H10O	000101-84-8	81
4	Diphenyl ether	170	C12H10O	000101-84-8	68
5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	52





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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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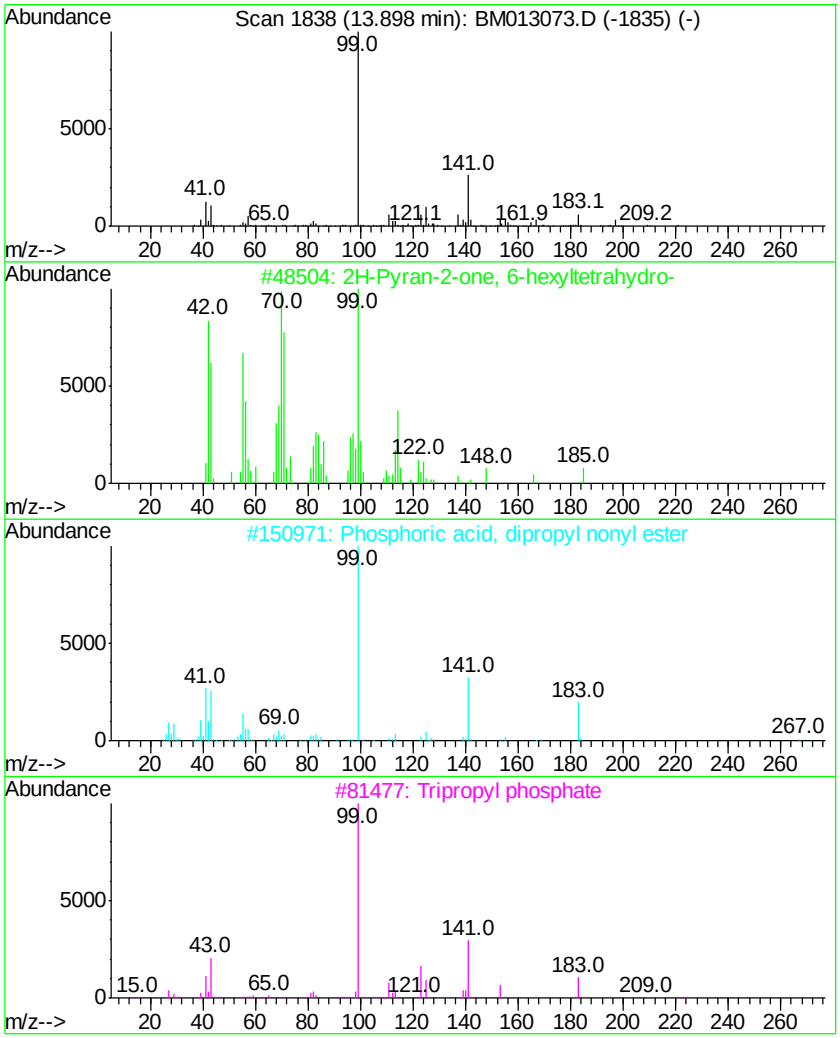
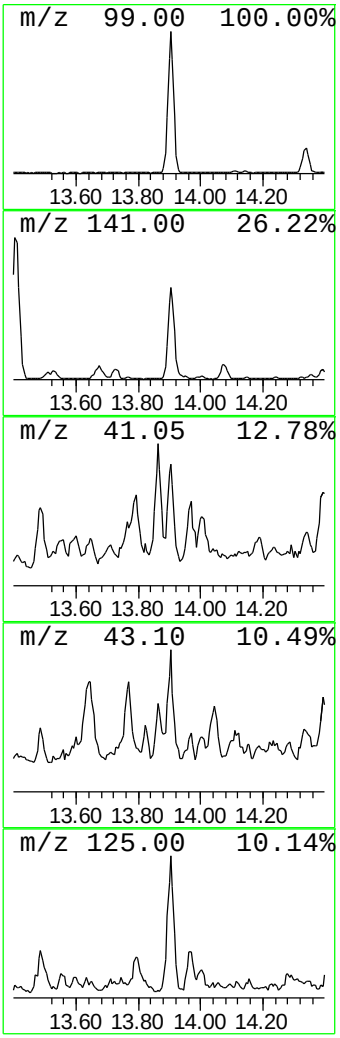
Peak Number 27 2H-Pyran-2-one, 6-hexyltetr... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.30 ng/ul	844271	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 6-hexyltetrahydro-	184	C11H20O2	000710-04-3	91
2	Phosphoric acid, dipropyl nonyl ...	308	C15H33O4P	1000309-01-0	59
3	Tripropyl phosphate	224	C9H21O4P	000513-08-6	47
4	Phosphoric acid, dipropyl undecy...	336	C17H37O4P	1000308-95-7	45
5	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	40





Library Search Compound Report

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Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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Quant Title : SVOA CALIBRATION

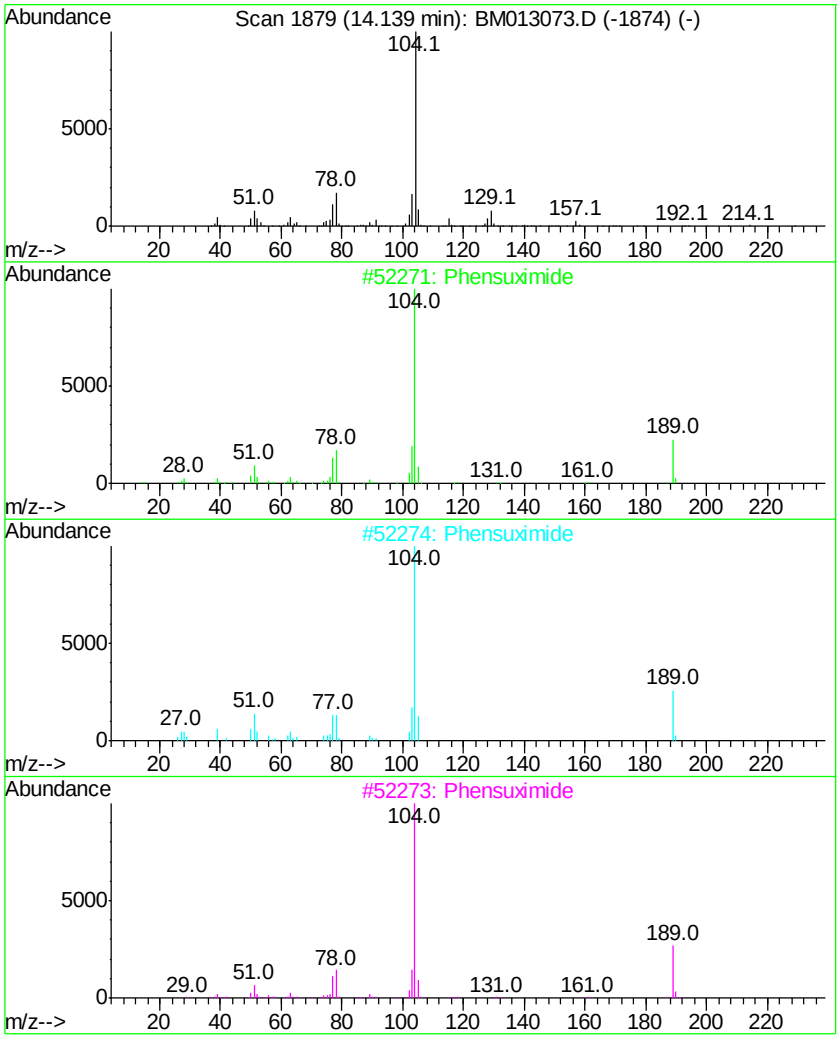
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

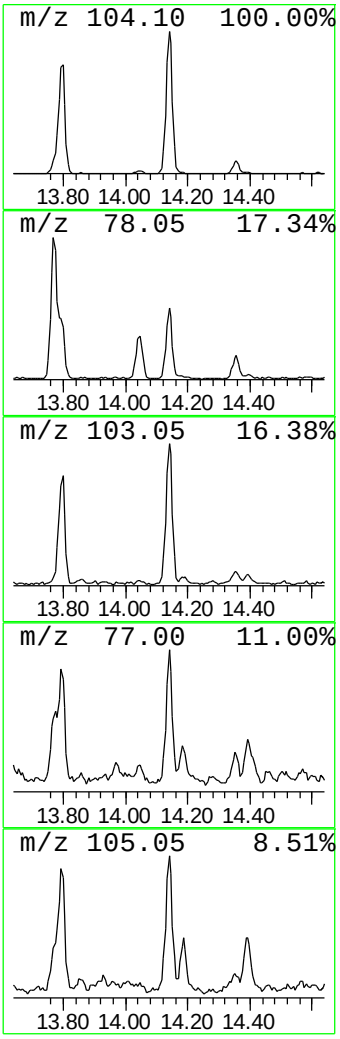
****

Peak Number 28 Phensuximide Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	10.01 ng/ul	1594910	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phensuximide	189	C11H11NO2	000086-34-0	80
2	Phensuximide	189	C11H11NO2	000086-34-0	72
3	Phensuximide	189	C11H11NO2	000086-34-0	72
4	Phensuximide	189	C11H11NO2	000086-34-0	72
5	Styrene	104	C8H8	000100-42-5	72





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Data File : BM013073.D
Acq On : 21 Nov 2017 08:51
Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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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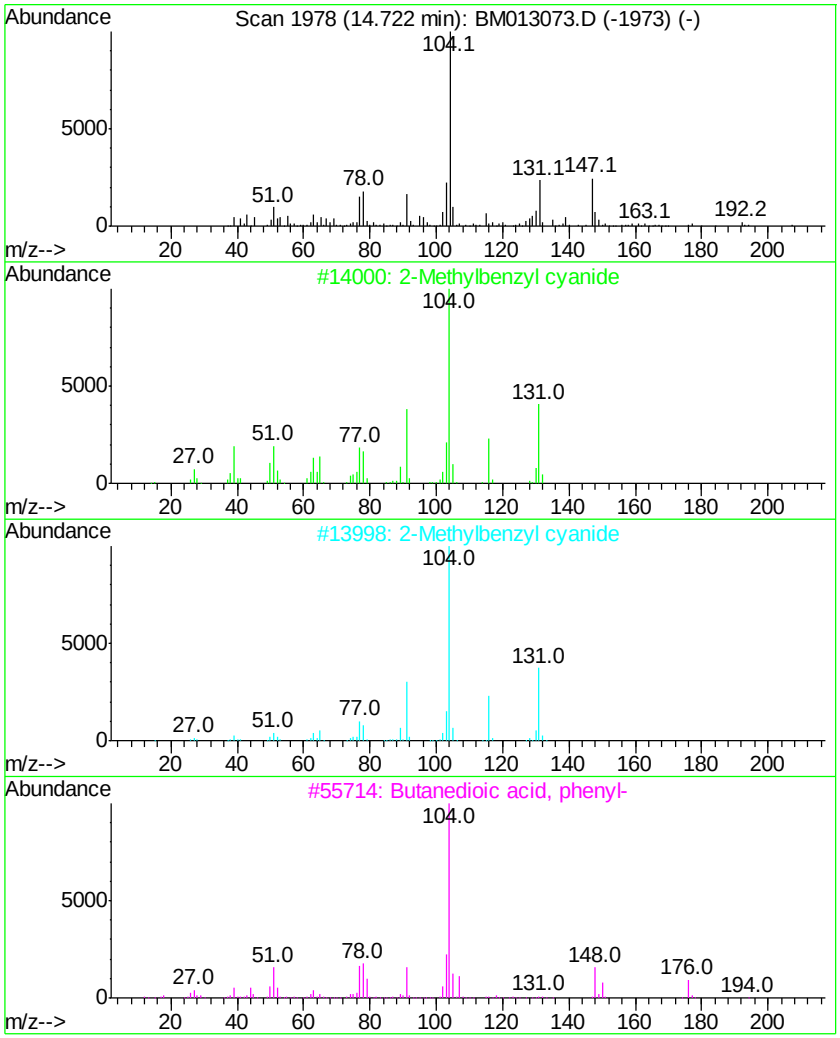
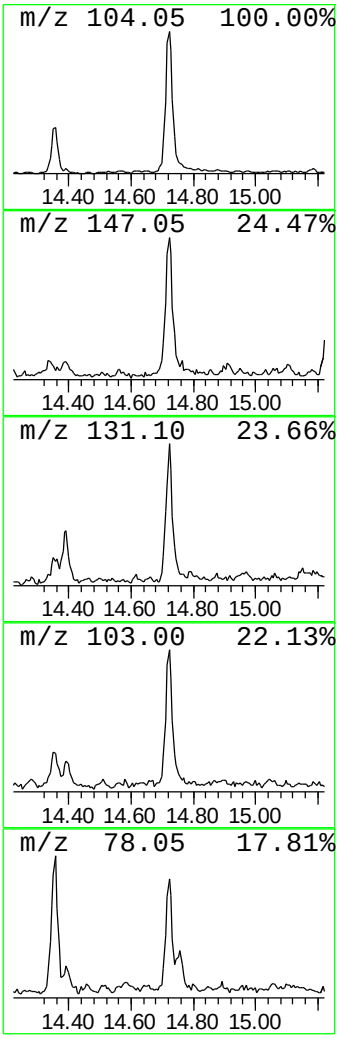
Peak Number 29 2-Methylbenzyl cyanide Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.77 ng/ul	920370	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	68
2	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	64
3	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	53
4	2,5-Pyrrolidinedione, 3-phenyl-	175	C10H9NO2	003464-18-4	47
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43





Library Search Compound Report

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Sample : I6405-09
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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

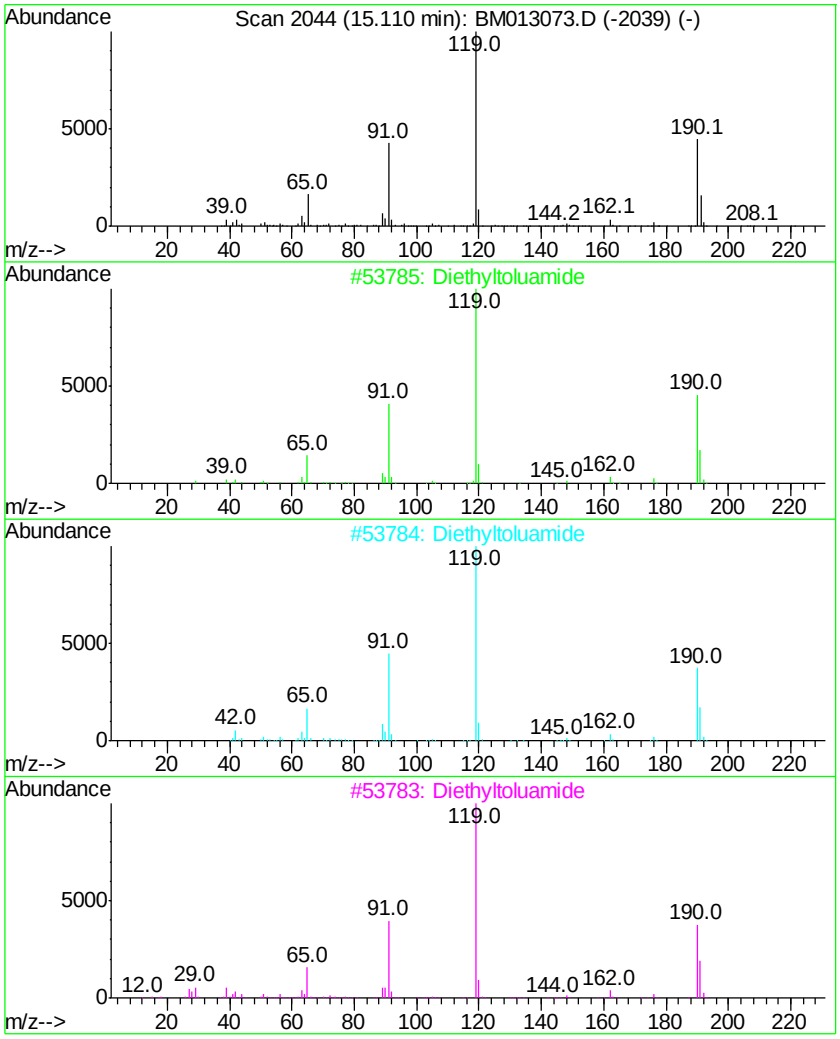
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

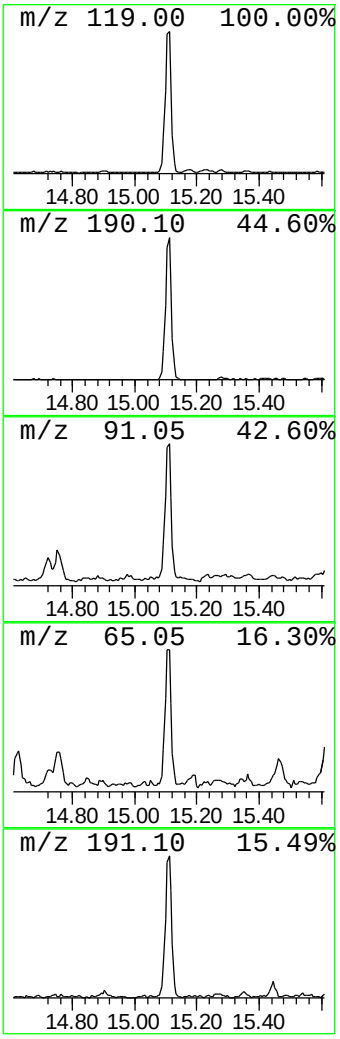
****

Peak Number 30 Diethyltoluamide Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	8.17 ng/ul	1302010	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	96
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
5	Diethyltoluamide	191	C12H17NO	000134-62-3	74





Tentatively Identified Compound (LSC) summary

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Data File : BM013073.D
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Operator : SJ/JU
Sample : I6405-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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
2-Hexanone, 3-met...	5.46	10.3	ng/ul	1058870	1	7.72	2059270	20.0
Benzene, (1-methy...	6.22	109.9	ng/ul	11315500	1	7.72	2059270	20.0
3-Heptanone, 5-me...	6.40	12.0	ng/ul	1235500	1	7.72	2059270	20.0
Benzene, propyl-	6.70	20.3	ng/ul	2091500	1	7.72	2059270	20.0
unknown-01	7.42	21.3	ng/ul	2193470	1	7.72	2059270	20.0
unknown-02	7.92	24.9	ng/ul	2567490	1	7.72	2059270	20.0
Indane	8.08	15.4	ng/ul	1587960	1	7.72	2059270	20.0
Artemiseole	8.62	7.5	ng/ul	775717	1	7.72	2059270	20.0
(DEL) Alkane: Cyc...	8.70	9.4	ng/ul	966310	1	7.72	2059270	20.0
Benzene, 1-ethyl-...	8.81	16.9	ng/ul	1738190	1	7.72	2059270	20.0
unknown-04	8.94	19.1	ng/ul	1968100	1	7.72	2059270	20.0
Benzene, 1,2,3,4-...	9.33	11.9	ng/ul	1219250	2	10.49	2055520	20.0
unknown-05	9.50	13.9	ng/ul	1432170	2	10.49	2055520	20.0
1H-Indene, 2,3-di...	9.75	12.2	ng/ul	1255840	2	10.49	2055520	20.0
Cyclohexanemethan...	9.87	8.7	ng/ul	889648	2	10.49	2055520	20.0
2-Coumaranone	9.91	24.1	ng/ul	2475100	2	10.49	2055520	20.0
unknown-06	10.24	16.1	ng/ul	1654220	2	10.49	2055520	20.0
2-Fluorophenylhyd...	10.31	7.8	ng/ul	802341	2	10.49	2055520	20.0
Bicyclo[4.1.0]hep...	10.90	9.6	ng/ul	986079	2	10.49	2055520	20.0
Phenol, 2,3,6-tri...	11.09	7.7	ng/ul	788236	2	10.49	2055520	20.0
unknown-07	11.50	7.2	ng/ul	738801	2	10.49	2055520	20.0
Phenol, p-tert-bu...	11.86	88.2	ng/ul	9066960	2	10.49	2055520	20.0
Tripropyl phosphate	12.90	15.9	ng/ul	2531910	3	14.36	3188020	20.0
unknown-08	13.00	5.6	ng/ul	893887	3	14.36	3188020	20.0
Diphenyl ether	13.40	7.3	ng/ul	1167670	3	14.36	3188020	20.0
2H-Pyran-2-one, 6...	13.90	5.3	ng/ul	844271	3	14.36	3188020	20.0
Phensuximide	14.14	10.0	ng/ul	1594910	3	14.36	3188020	20.0
2-Methylbenzyl cy...	14.72	5.8	ng/ul	920370	3	14.36	3188020	20.0
Diethyltoluamide	15.11	8.2	ng/ul	1302010	3	14.36	3188020	20.0