LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM061515.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	2.810	16	21	27	rBV2	22692	32965	0.16%	0.070%
2	2.881	29	33	43	rBV	224217	254303	1.21%	0.537%
3	3.404	119	122	132	rVB	16213	22676	0.11%	0.048%
4	6.175	589	593	601	rBB	22404	31179	0.15%	0.066%
5	6.828	698	704	715	rBB2	186120	410890	1.95%	0.867%
6	6.998	727	733	740	rBB2	136867	206742	0.98%	0.436%
7	7.192	760	766	772	rBB	189322	283665	1.35%	0.599%
8	7.663	840	846	852	rBB	166459	248649	1.18%	0.525%
9	8.104	915	921	926	rBB	66950	98638	0.47%	0.208%
10	8.363	959	965	971	rBV	228474	363822	1.73%	0.768%
11	8.434	971	977	985	rVB	577942	979843	4.66%	2.068%
12	8.822	1037	1043	1050	rBB	164355	261530	1.24%	0.552%
13	9.081	1082	1087	1092	rBB	16634	22353	0.11%	0.047%
14	9.422	1140	1145	1151	rBB	27863	41735	0.20%	0.088%
15	9.539	1159	1165	1171	rBV	148868	235471	1.12%	0.497%
16	9.628	1174	1180	1183	rBV	354531	567145	2.69%	1.197%
17	9.663	1183	1186	1193	rVB	247338	362165	1.72%	0.764%
18	9.892	1216	1225	1229	rBV2	132822	327670	1.56%	0.691%
19	9.933	1229	1232	1239	rVB	172024	246029	1.17%	0.519%
20	10.075	1249	1256	1265	rBB2	269731	573703	2.73%	1.211%
21	10.322	1292	1298	1305	rVB	144463	218994	1.04%	0.462%
22	10.451	1313	1320	1327	rBB	210356	340396	1.62%	0.718%
23	10.592	1338	1344	1352	rVB	226621	362995	1.72%	0.766%
24	10.804	1374	1380	1387	rBV2	28381	51186	0.24%	0.108%
25	10.986	1406	1411	1417	rBV	45575	69281	0.33%	0.146%
26	11.069	1417	1425	1427	rVV	28672	46901	0.22%	0.099%
27	11.098	1427	1430	1440	rVB	40283	63772	0.30%	0.135%
28	11.275	1454	1460	1466	rBV2	82482	135601	0.64%	0.286%
29	11.475	1488	1494	1499	rBV2	25521	37398	0.18%	0.079%
30	11.527	1499	1503	1507	rVV	19906	30312	0.14%	0.064%
31	11.575	1507	1511	1517	rVB2	24742	40347	0.19%	0.085%
32	13.727	1871	1877	1881	rBV	365212	491383	2.33%	1.037%
33	13.774	1881	1885	1891	rVB	166687	213104	1.01%	0.450%
34	14.010	1918	1925	1931	rBV	403223	580372	2.76%	1.225%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	14.316	1971	1977	1983	rBV2	308719	464839	2.21%	0.981%
36	14.516	2005	2011	2021	rVB	201490	274934	1.31%	0.580%
37	15.310	2140	2146	2153	rVB	527506	725644	3.45%	1.531%
38	15.433	2162	2167	2178	rVB2	137500	207761	0.99%	0.438%
39	15.527	2178	2183	2189	rBV	55766	70878	0.34%	0.150%
40	16.098	2257	2280	2284	rBV	2745961	9594326	45.59%	20.247%
41	16.433	2331	2337	2342	rBV	103451	141352	0.67%	0.298%
42	17.062	2438	2444	2450	rBV2	416673	576823	2.74%	1.217%
43	17.162	2450	2461	2470	rVB	588425	814073	3.87%	1.718%
44	17.445	2505	2509	2517	rBV3	18886	25490	0.12%	0.054%
45	17.980	2594	2600	2614	rBV2	150333	249943	1.19%	0.527%
46	18.392	2648	2670	2673	rBV	5997833	21045629	100.00%	44.412%
47	18.515	2687	2691	2701	rVB	170431	226413	1.08%	0.478%
48	19.080	2784	2787	2795	rVV3	21500	33578	0.16%	0.071%
49	19.245	2811	2815	2827	rVB3	82354	119398	0.57%	0.252%
50	19.345	2827	2832	2836	rBV2	25042	33803	0.16%	0.071%
51	19.462	2845	2852	2867	rVB	745398	997314	4.74%	2.105%
52	19.786	2904	2907	2914	rBV4	23834	34764	0.17%	0.073%
53	19.898	2922	2926	2930	rBV4	30063	39078	0.19%	0.082%
54	20.015	2943	2946	2952	rVB2	19964	25223	0.12%	0.053%
55	20.080	2952	2957	2961	rBV3	29874	38363	0.18%	0.081%
56	20.150	2965	2969	2974	rVB2	44406	57248	0.27%	0.121%
57	20.239	2979	2984	2991	rVB	96584	141788	0.67%	0.299%
58	20.409	3008	3013	3019	rBV9	12289	28324	0.13%	0.060%
59	20.492	3022	3027	3031	rBV3	26024	35910	0.17%	0.076%
60	20.821	3078	3083	3089	rBV2	20782	31622	0.15%	0.067%
61	20.962	3099	3107	3114	rBV	262310	337205	1.60%	0.712%
62	21.021	3114	3117	3121	rVV	27837	37442	0.18%	0.079%
63	21.068	3123	3125	3129	rVV2	19749	27857	0.13%	0.059%
64	21.115	3129	3133	3136	rVB3	18705	24574	0.12%	0.052%
65	21.174	3138	3143	3146	rBV3	17385	24429	0.12%	0.052%
66	21.250	3151	3156	3162	rBV	594934	746030	3.54%	1.574%
67	21.850	3254	3258	3268	rVB9	26051	52066	0.25%	0.110%
68	23.121	3468	3474	3481	rVB	69565	118873	0.56%	0.251%
69	23.333	3502	3510	3519	rBV2	516002	967898	4.60%	2.043%
70	23.474	3527	3534	3541	rBV2	349375	638872	3.04%	1.348%
71	24.074	3630	3636	3644	rBV5	40156	89525	0.43%	0.189%

LSC Area Percent Report

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Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	25.738	3912	3919	3927	rBV9	12073	34913	0.17%	0.074%

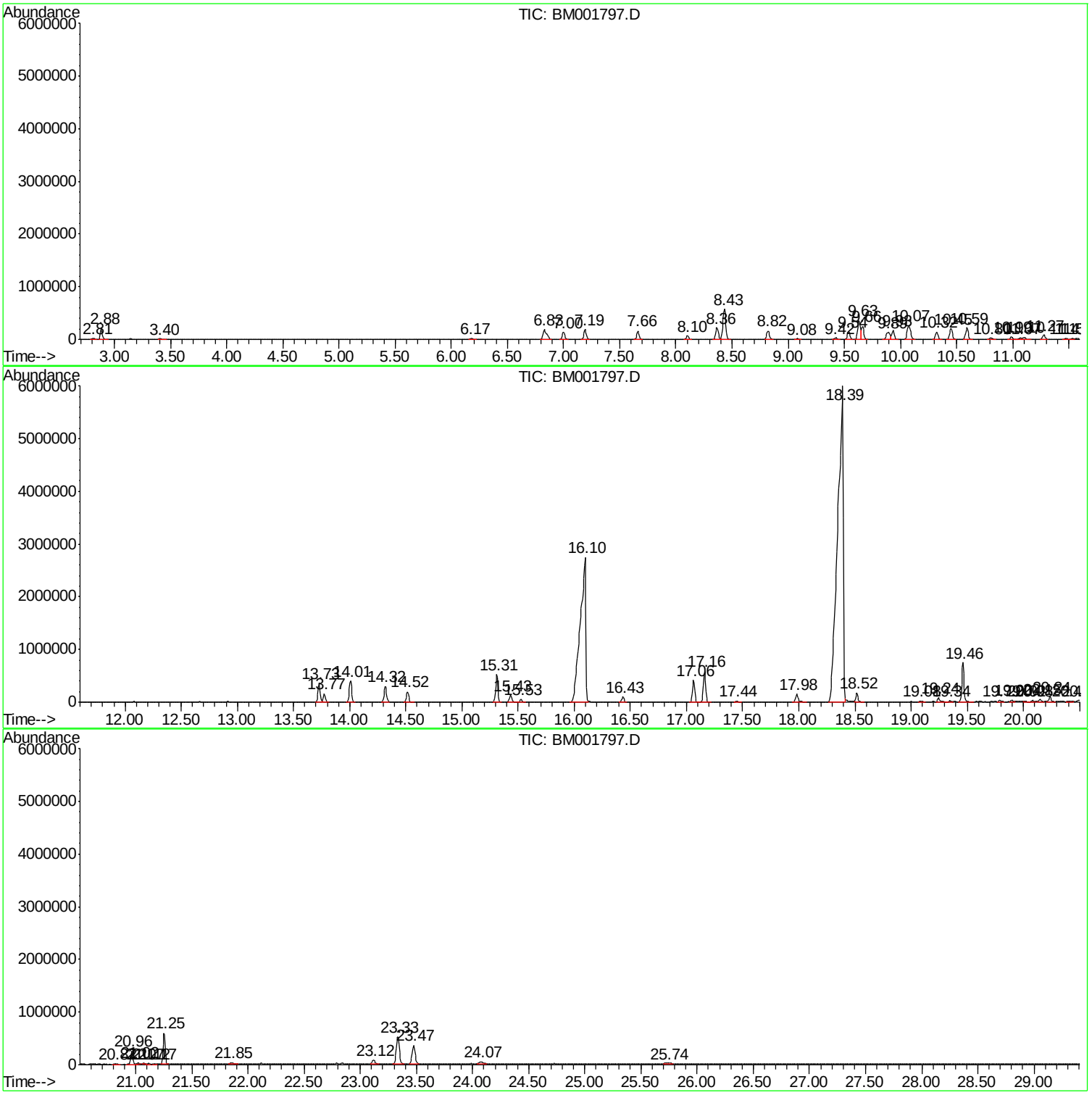
Sum of corrected areas: 47387417

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

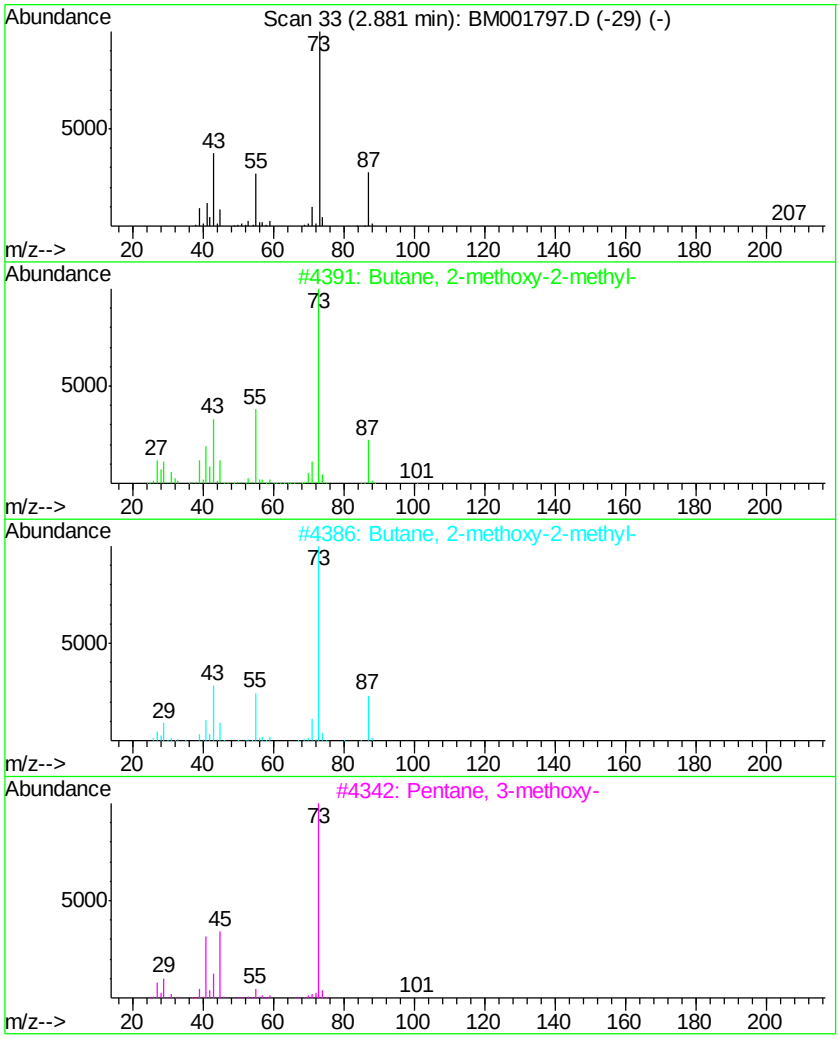
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

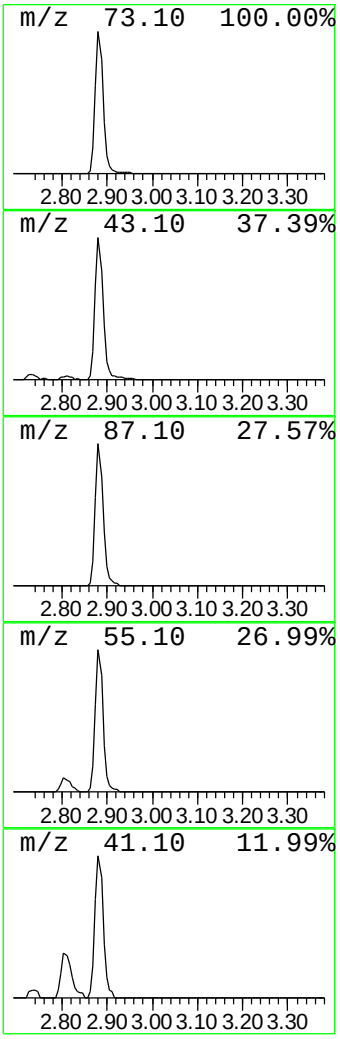
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	20.45 ng/ul	254303	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

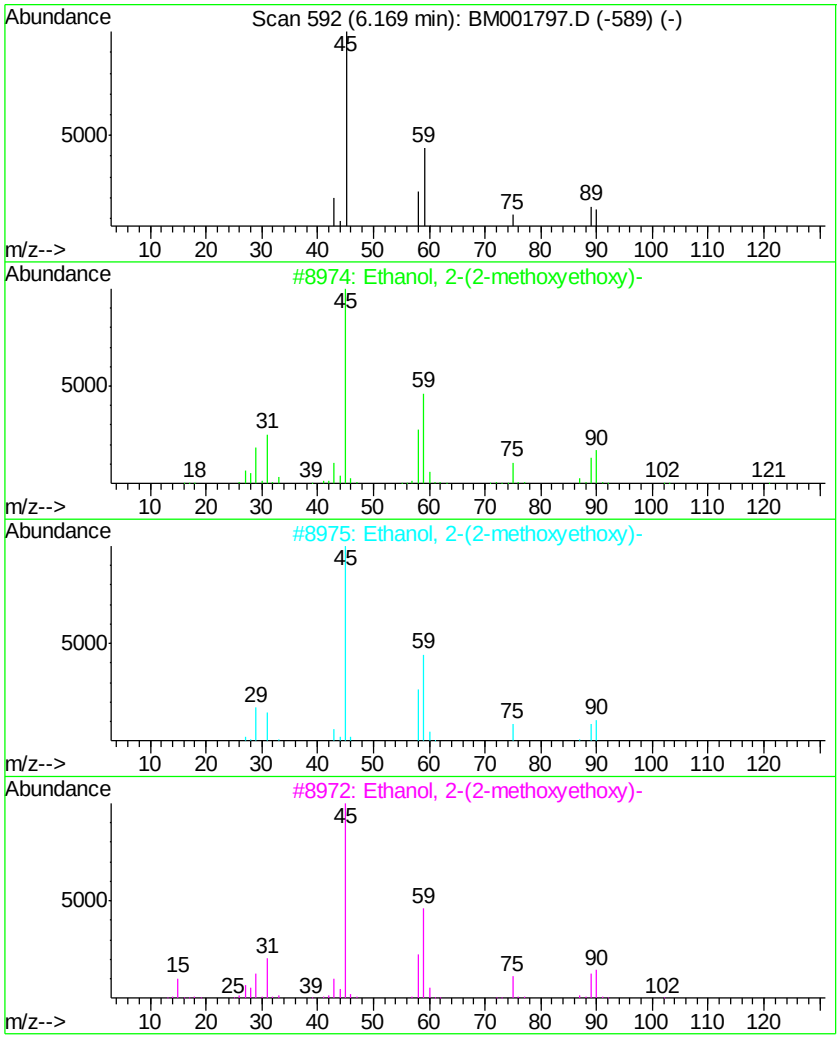
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

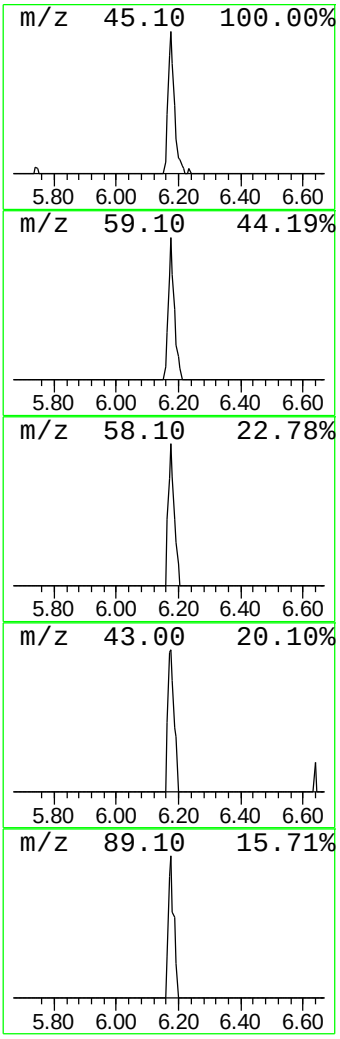
****

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	2.51 ng/ul	31179	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5	Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

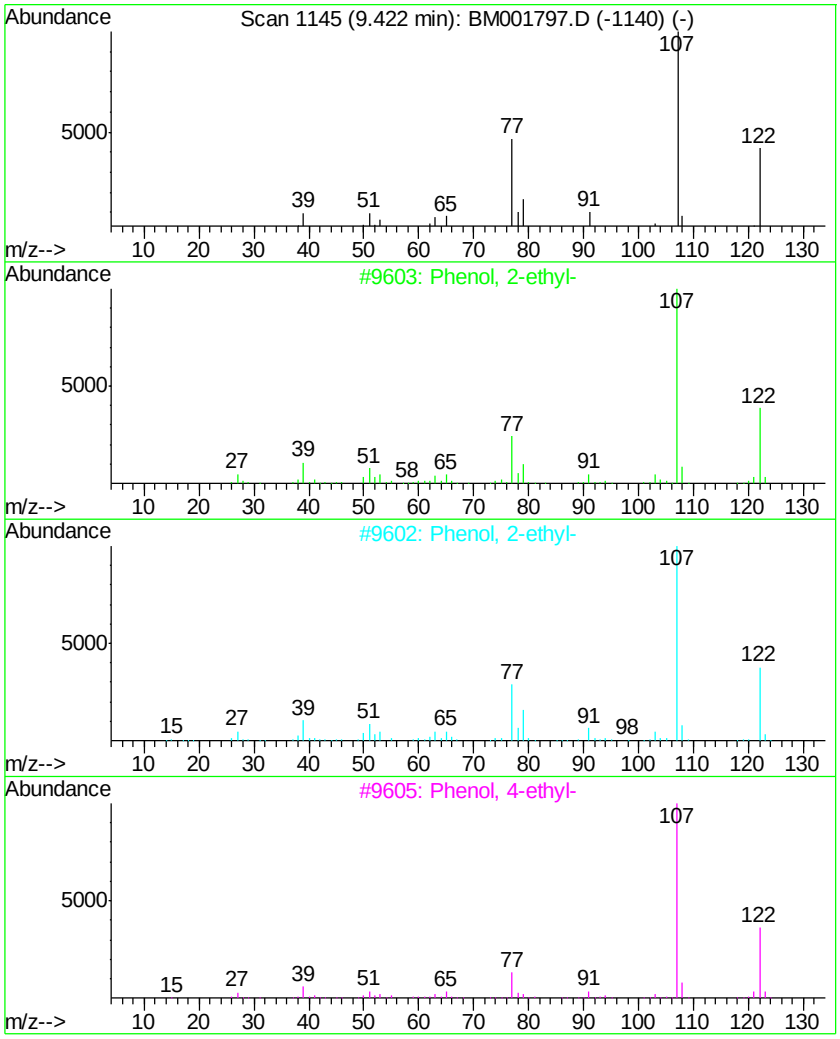
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

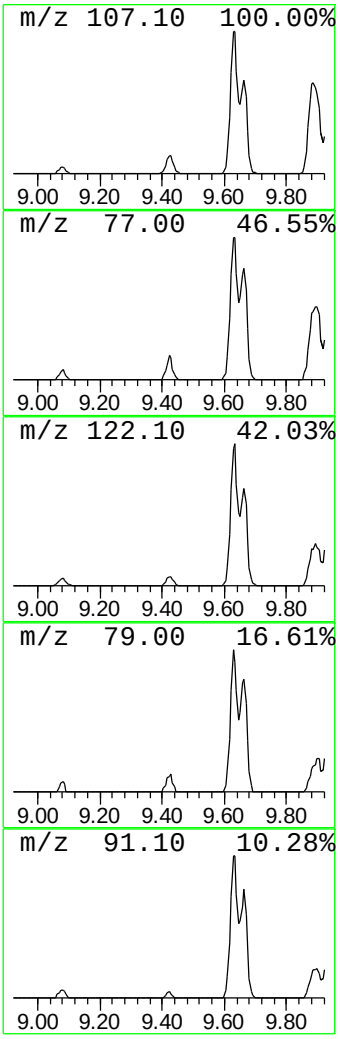
****

Peak Number 4 Phenol, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.45 ng/ul	41735	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	64
4	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	50
5	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	013323-81-4	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

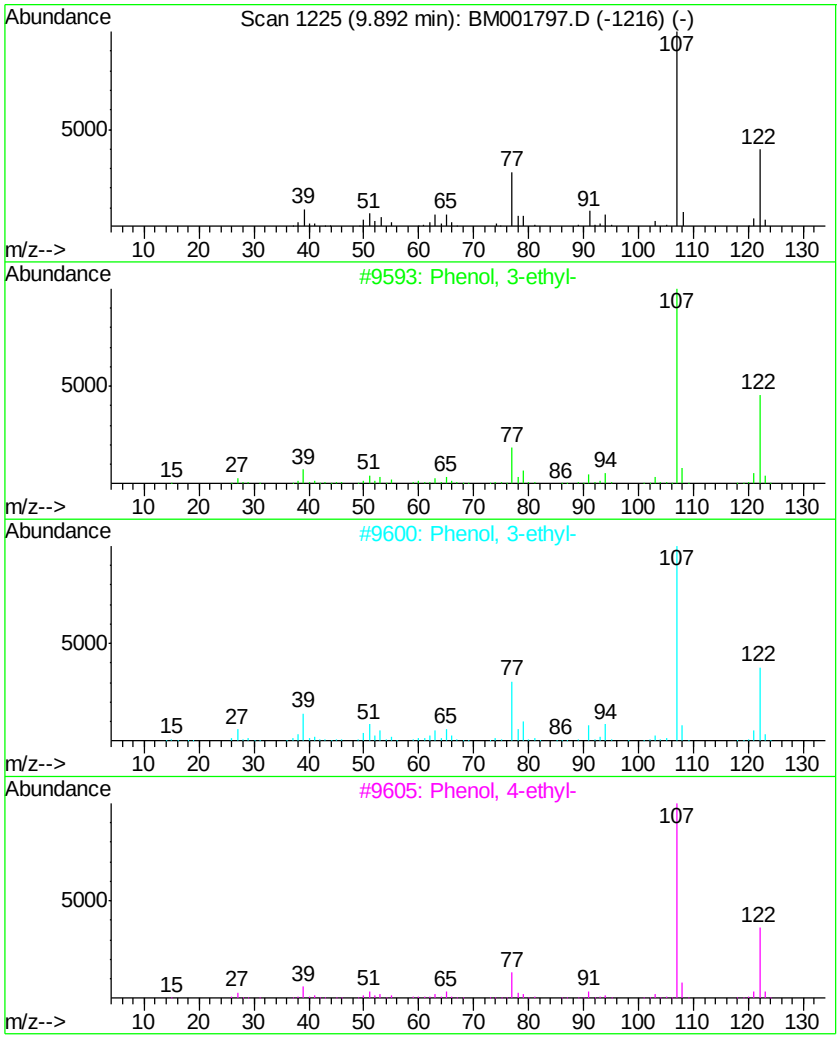
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

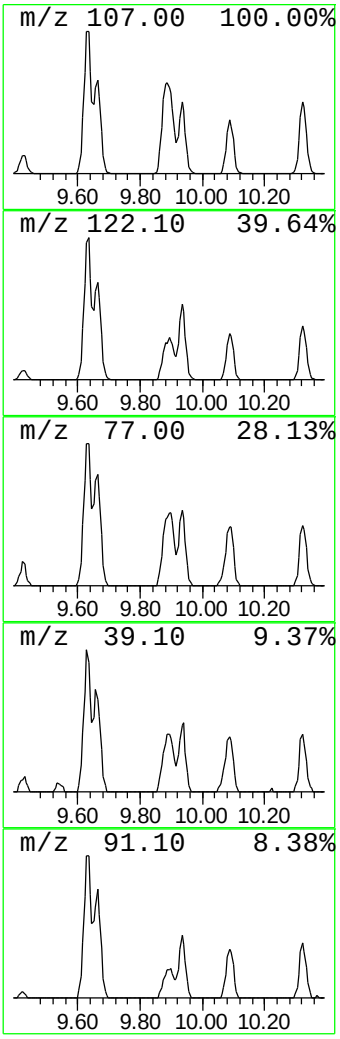
****

Peak Number 5 Phenol, 3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	19.25 ng/ul	327670	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

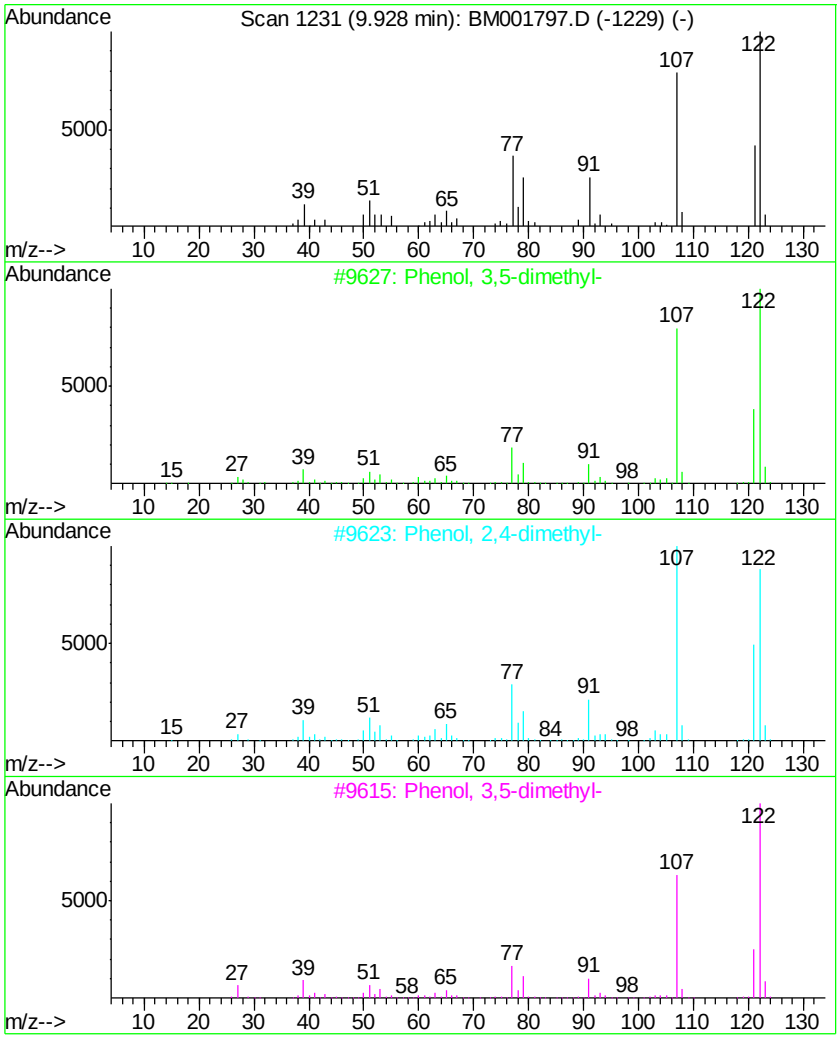
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

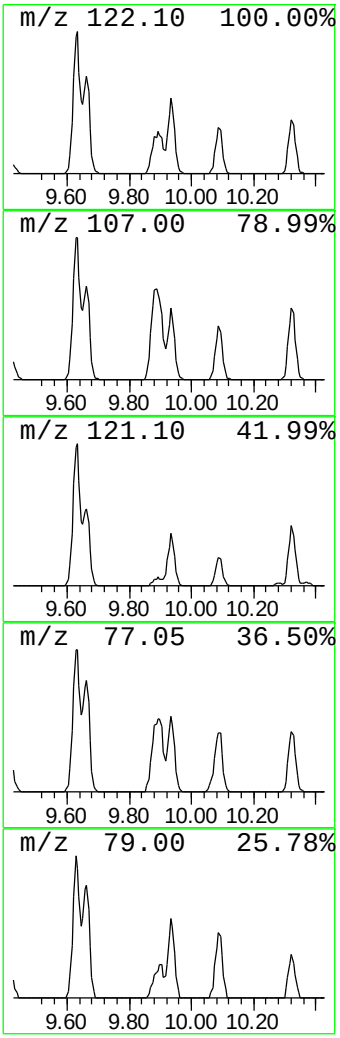
****

Peak Number 6 Phenol, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	14.46 ng/ul	246029	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

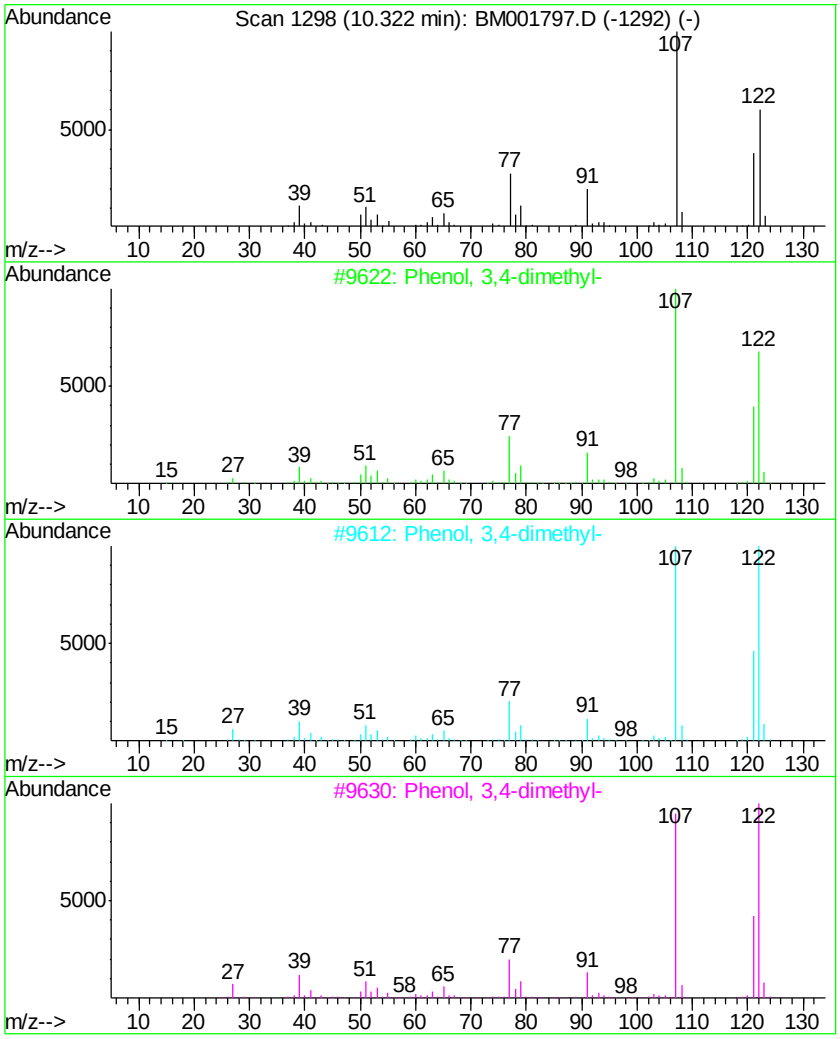
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

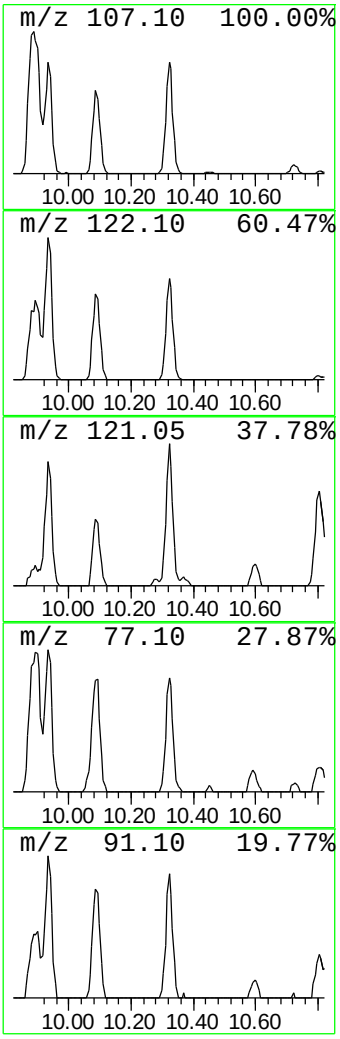
****

Peak Number 7 Phenol, 3,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	12.87 ng/ul	218994	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

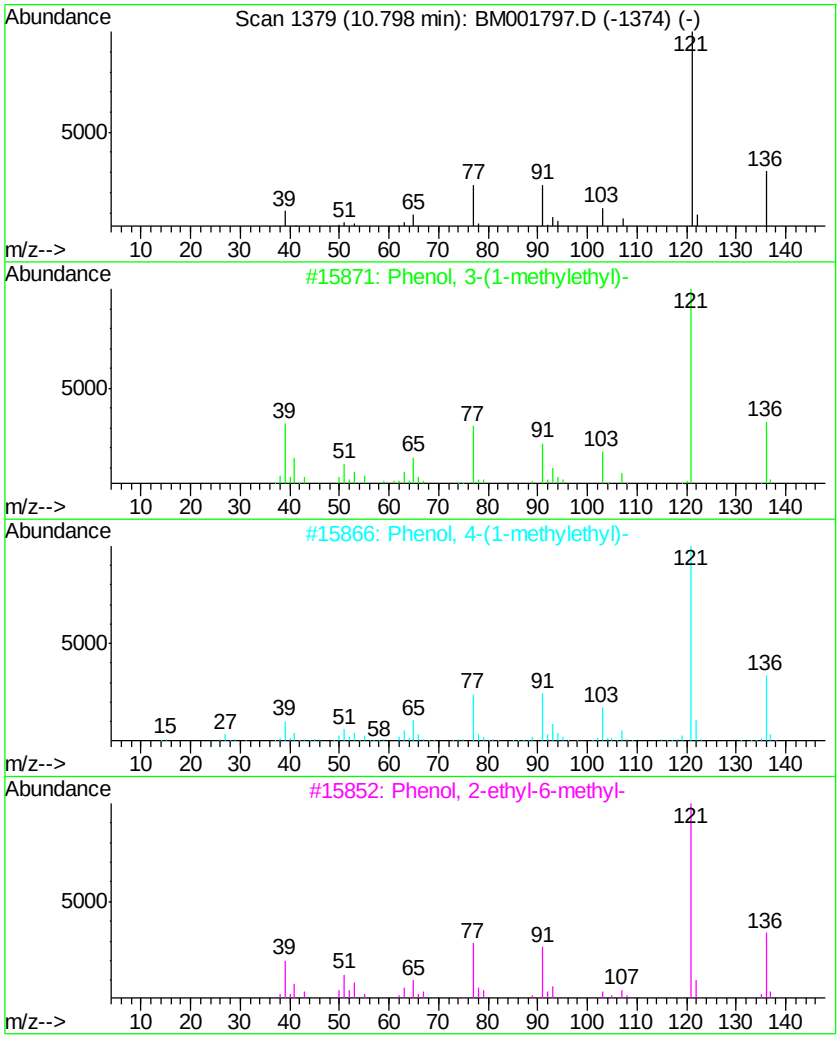
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

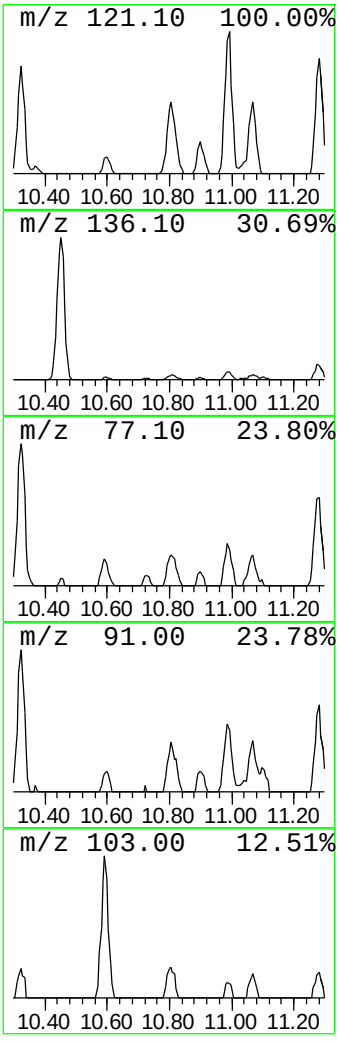
****

Peak Number 8 Phenol, 3-(1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.01 ng/ul	51186	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86





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Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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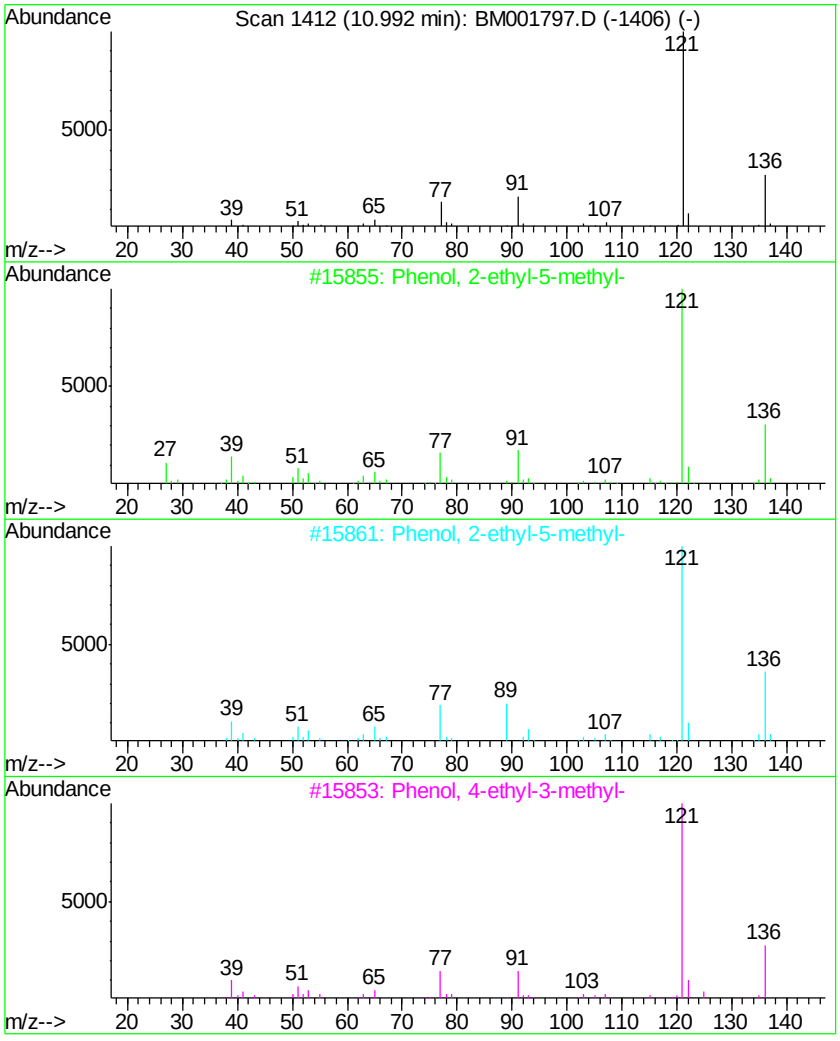
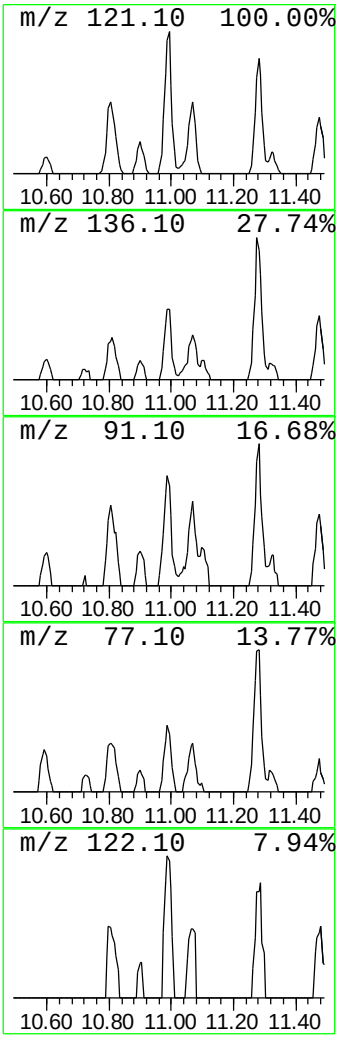
Peak Number 9 Phenol, 2-ethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	4.07 ng/ul	69281	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





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Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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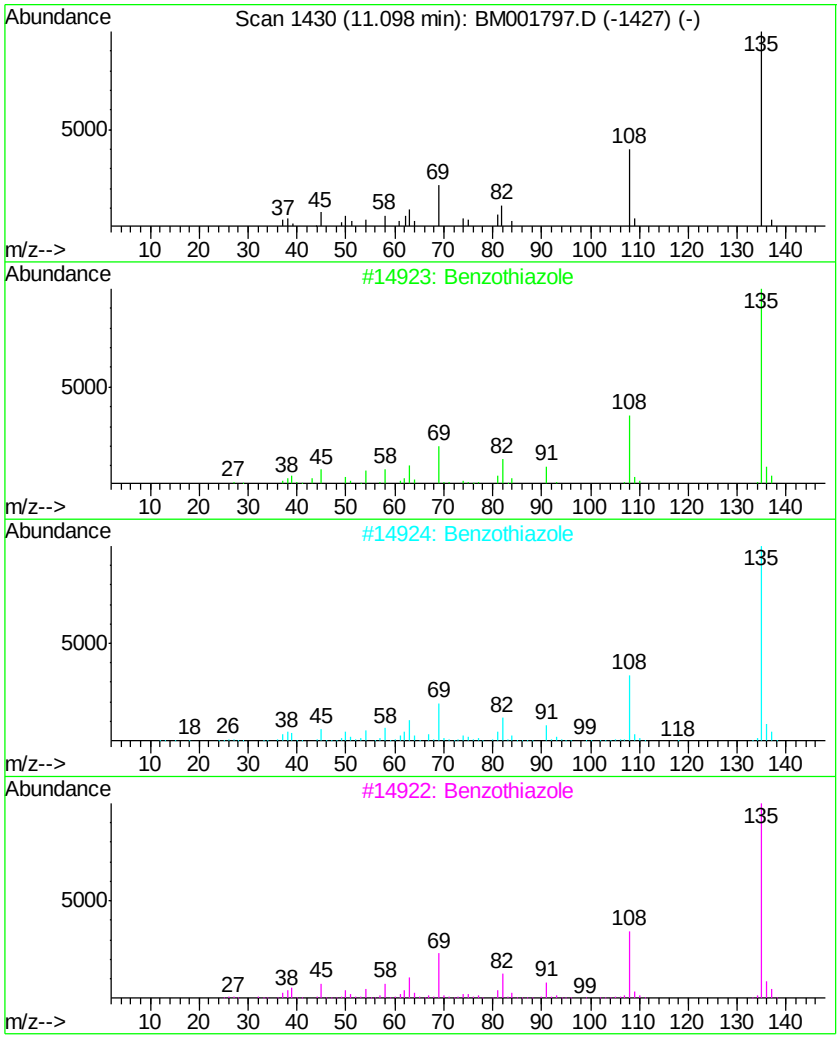
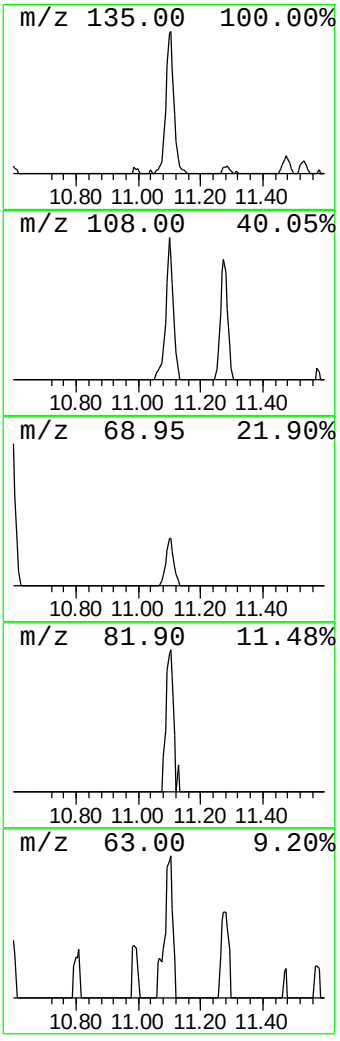
Peak Number 11 Benzothiazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.75 ng/ul	63772	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	91
2	Benzothiazole	135	C7H5NS	000095-16-9	91
3	Benzothiazole	135	C7H5NS	000095-16-9	91
4	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	72
5	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	56





Library Search Compound Report

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Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
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Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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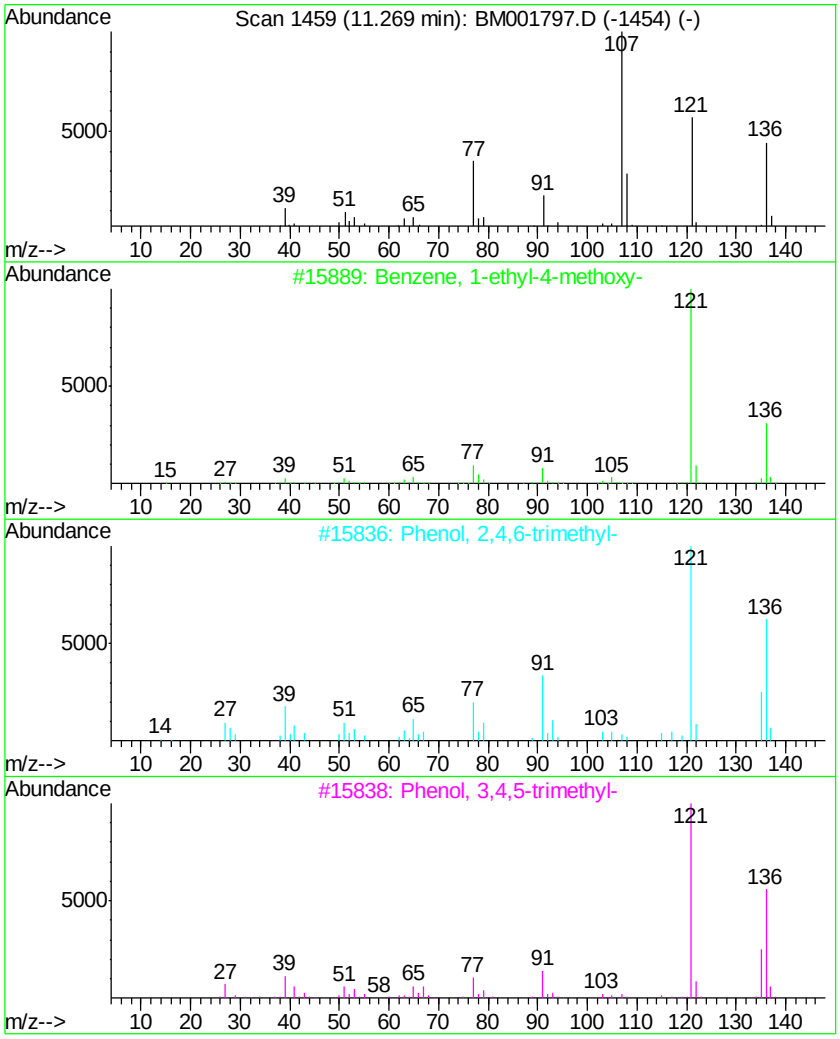
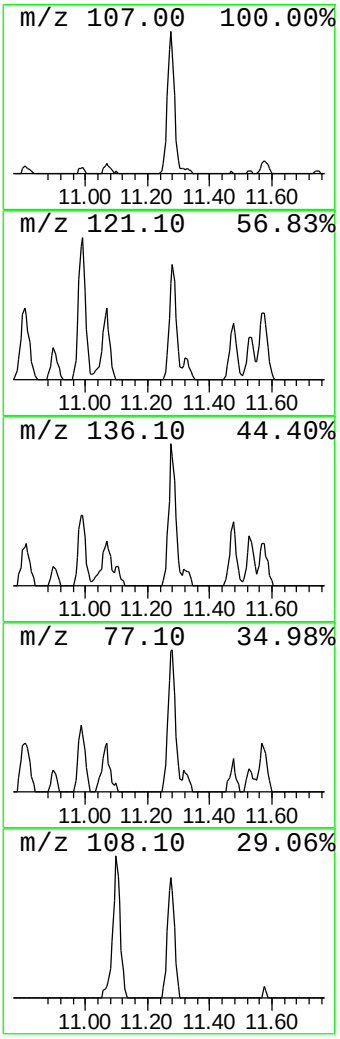
Peak Number 12 Benzene, 1-ethyl-4-methoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.97 ng/ul	135601	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	53
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	49
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	46
5	2,6-Dimethylanisole	136	C9H12O	001004-66-6	46





Library Search Compound Report

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Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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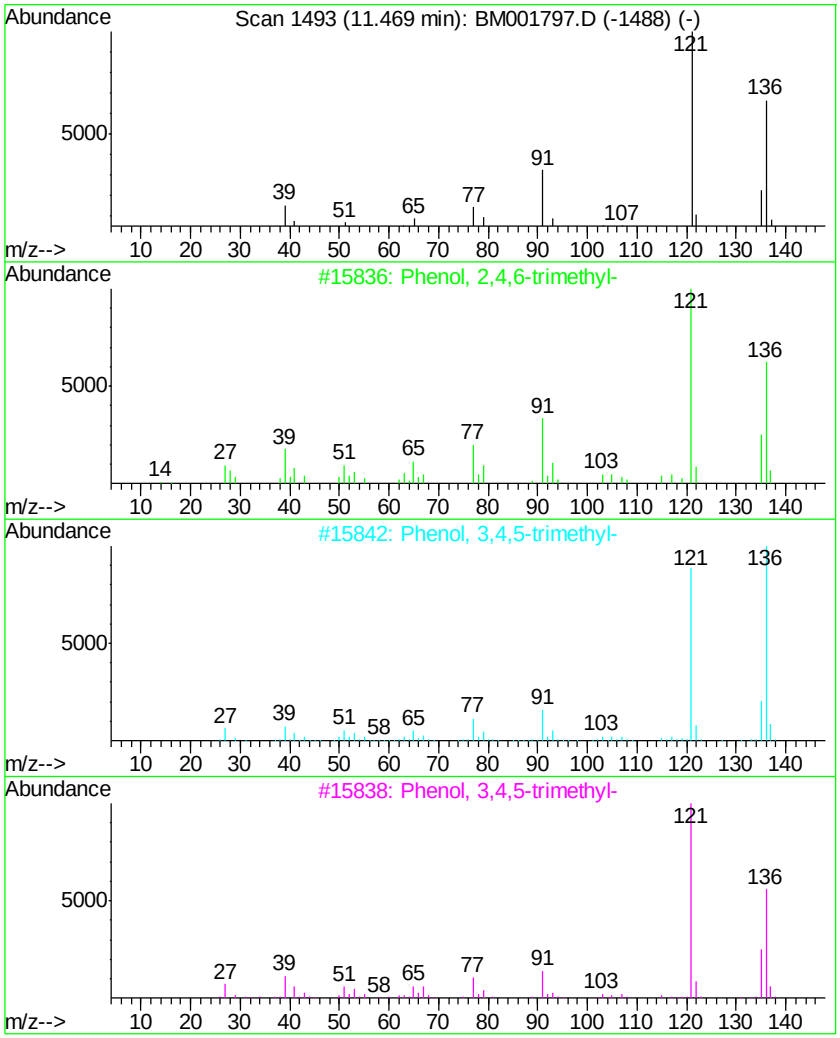
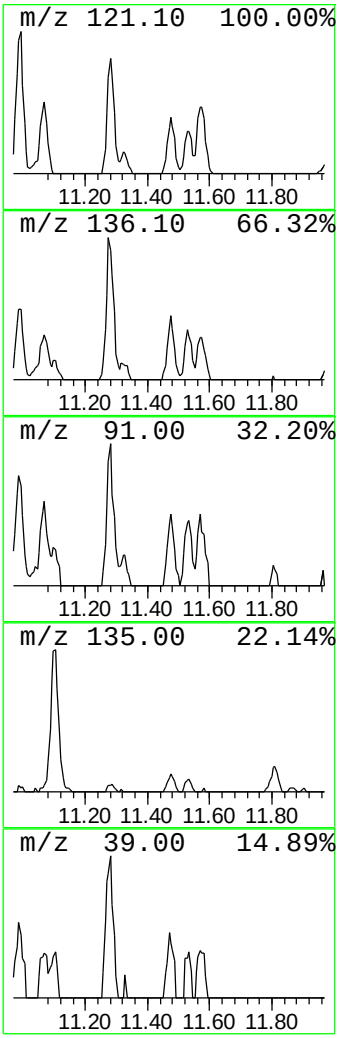
Peak Number 13 Phenol, 2,4,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.20 ng/ul	37398	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	87
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	80
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	80
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	80
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80





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Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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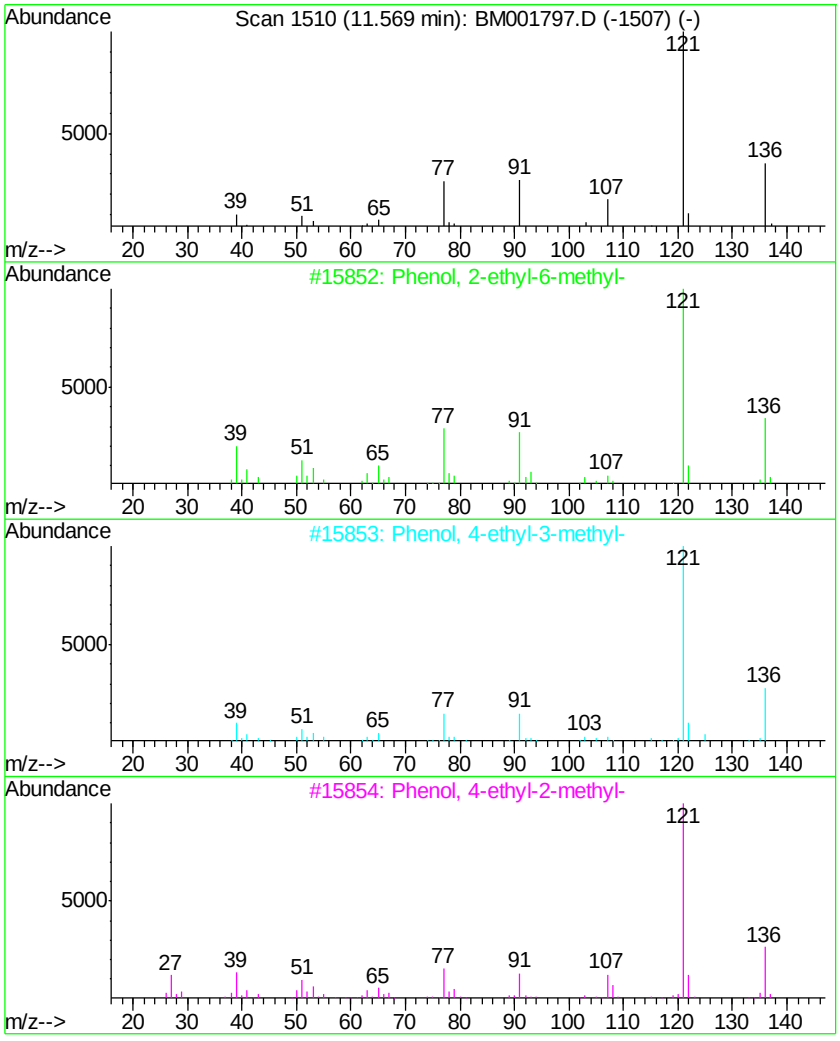
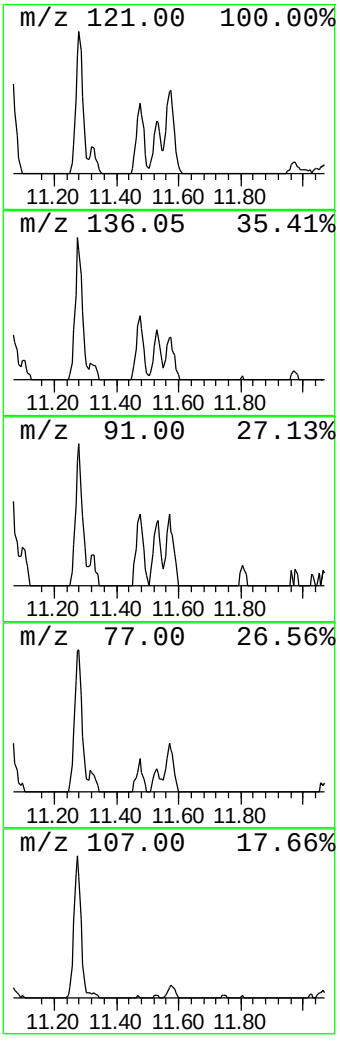
Peak Number 14 Phenol, 2-ethyl-6-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.37 ng/ul	40347	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	83
3	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	80
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	78
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72





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Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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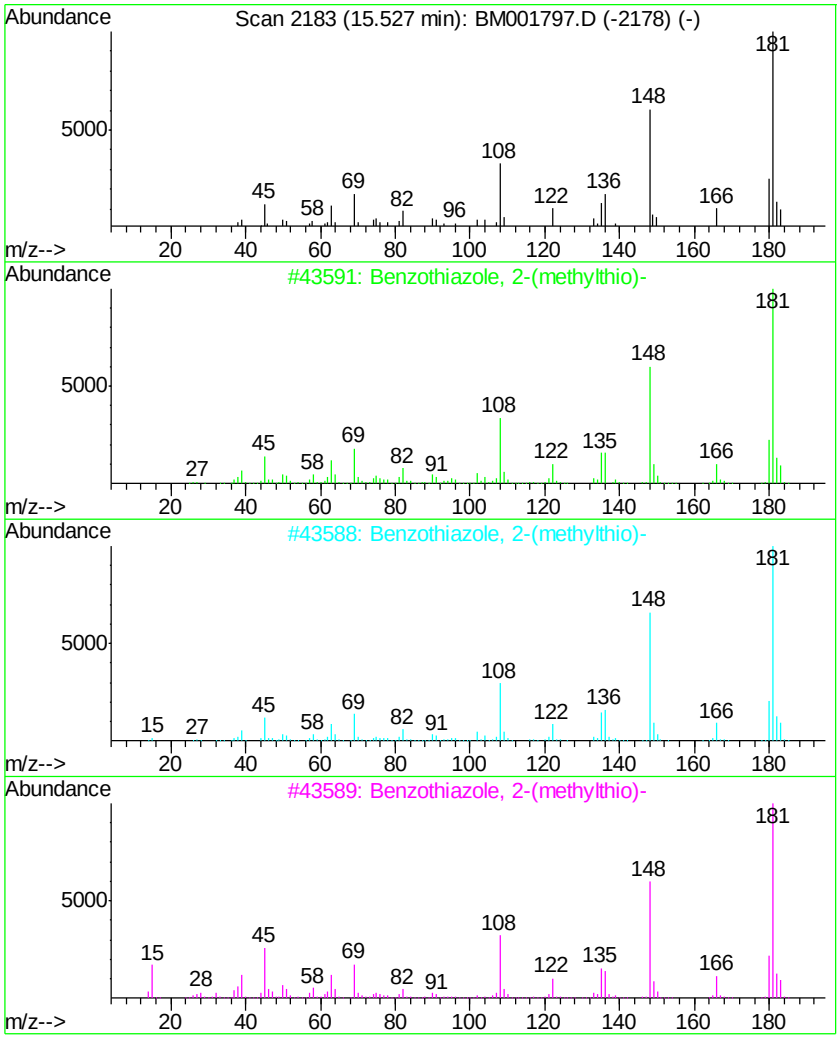
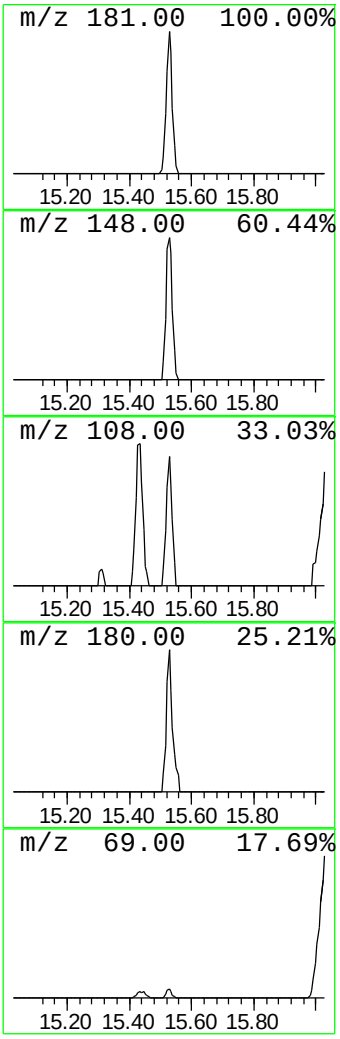
Peak Number 15 Benzothiazole, 2-(methylthio)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.05 ng/ul	70878	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	98
2	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	98
3	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	97
4	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	97
5	3-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	051333-80-3	83





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Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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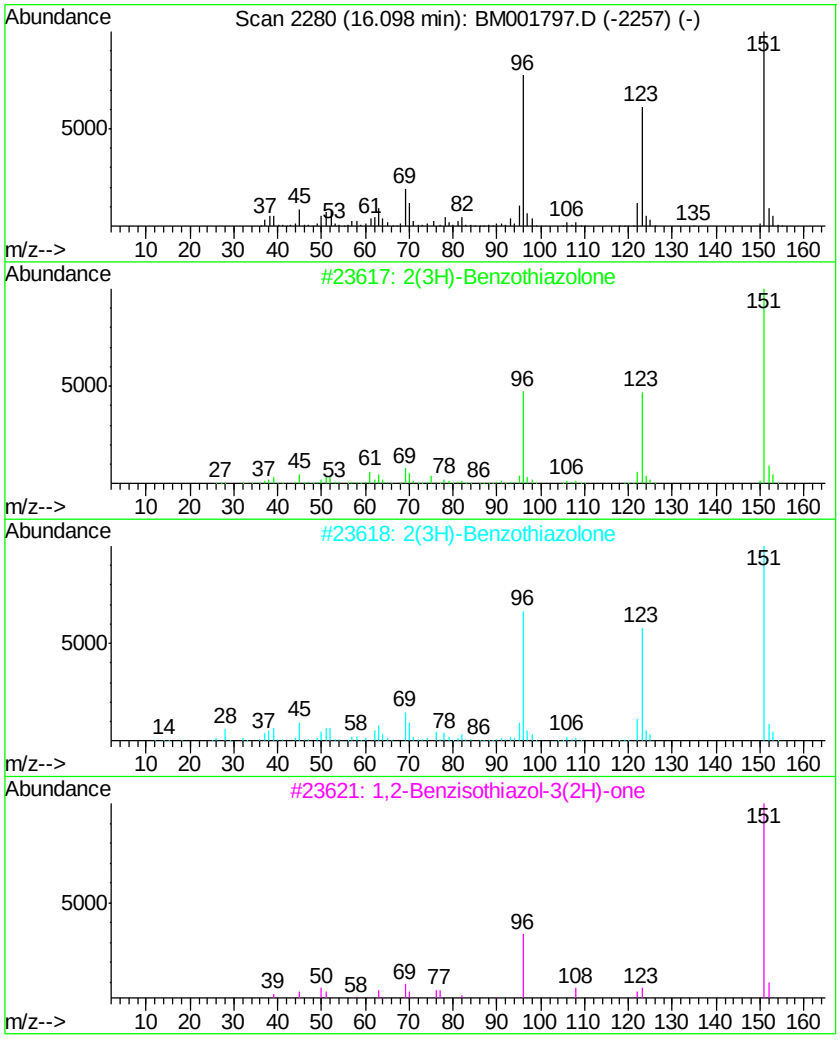
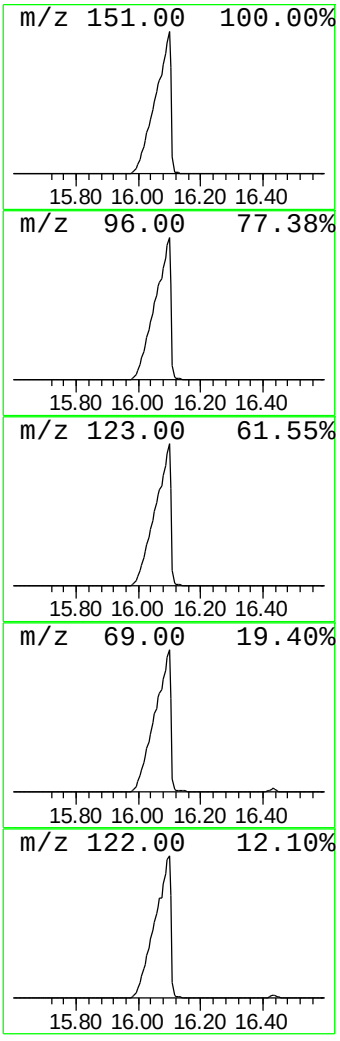
Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	332.66 ng/ul	9594330	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	93
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
5	4-Methoxyformanilide	151	C8H9NO2	023896-88-0	38





Library Search Compound Report

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Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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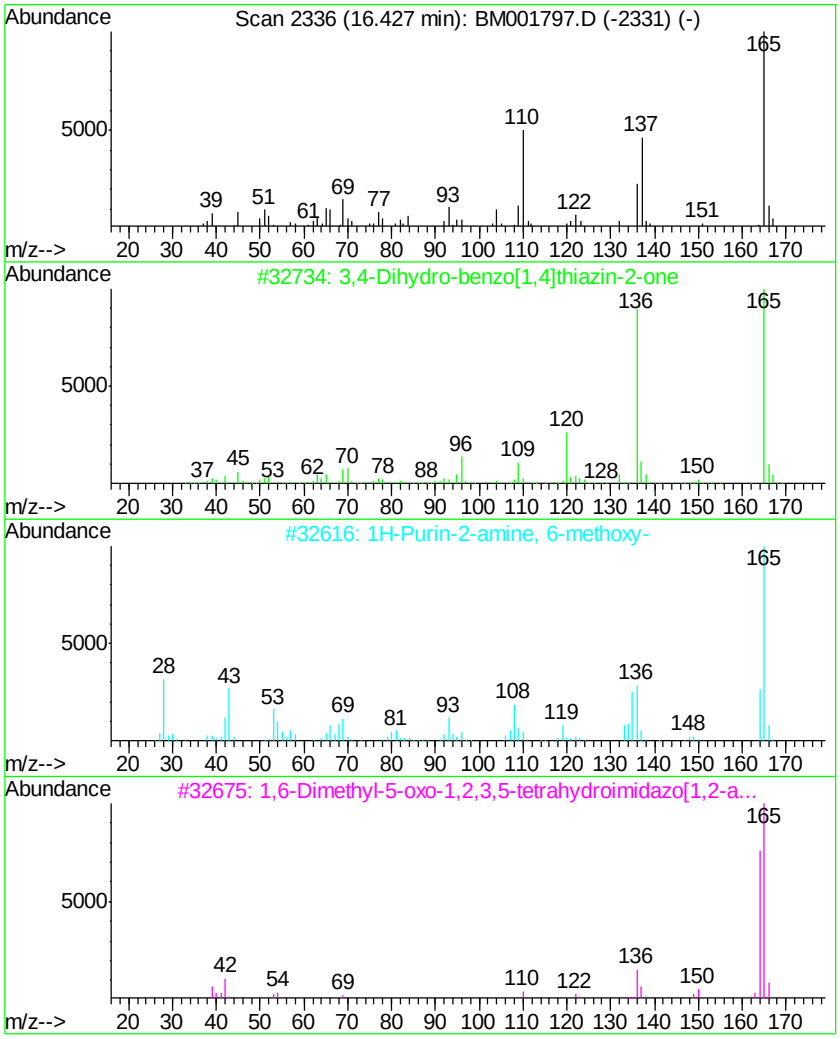
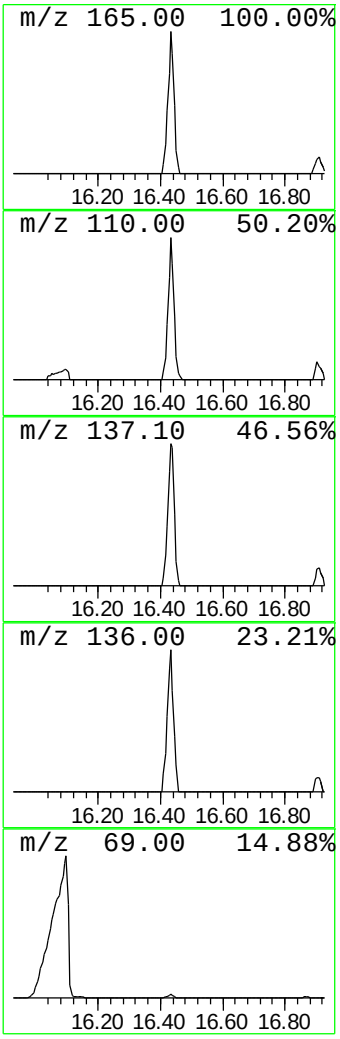
Peak Number 17 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.90 ng/ul	141352	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-benzo[1,4]thiazin-2-one	165	C8H7NOS	096220-47-2	46
2	1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	43
3	1,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	026955-13-5	43
4	1,4-Oxathiino[3,2-b]pyridine, 6-...	165	C8H7NOS	056114-39-7	40
5	2H-1,4-Benzothiazin-3(4H)-one	165	C8H7NOS	005325-20-2	38





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ClientSampleId : C01L3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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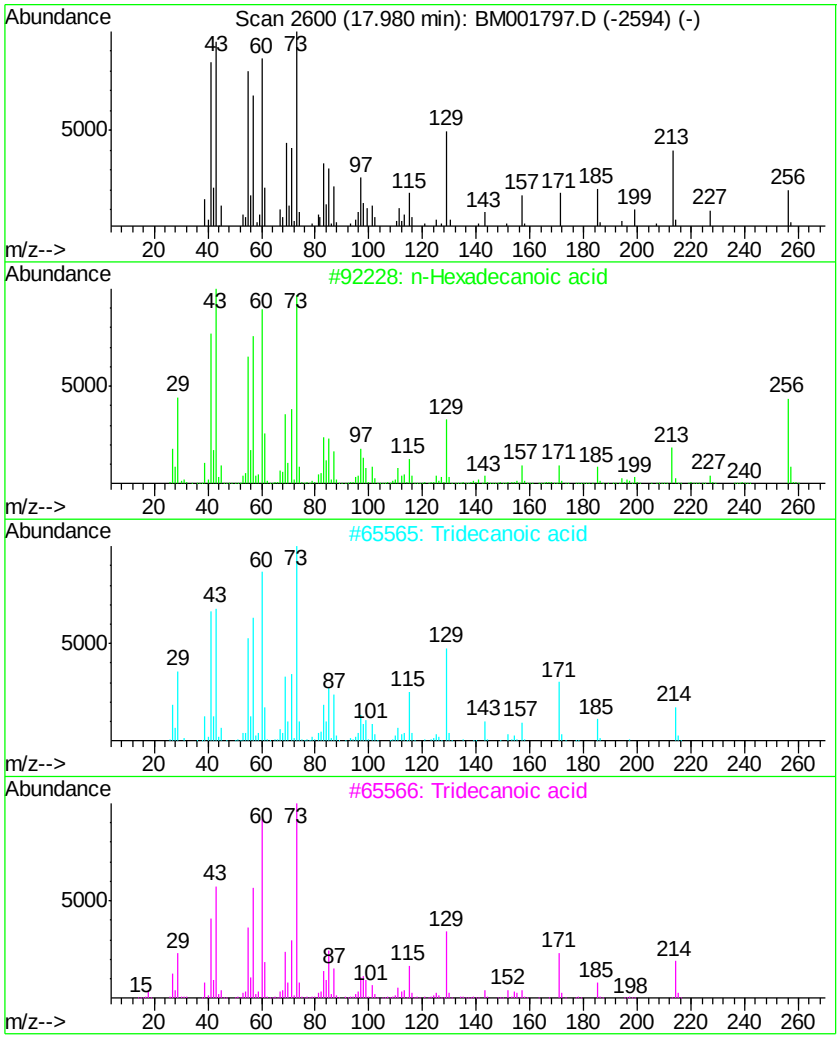
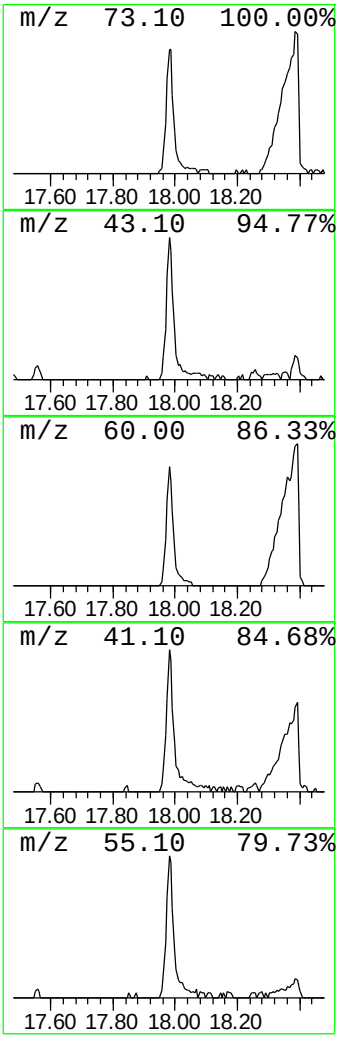
Peak Number 18 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	8.67 ng/ul	249943	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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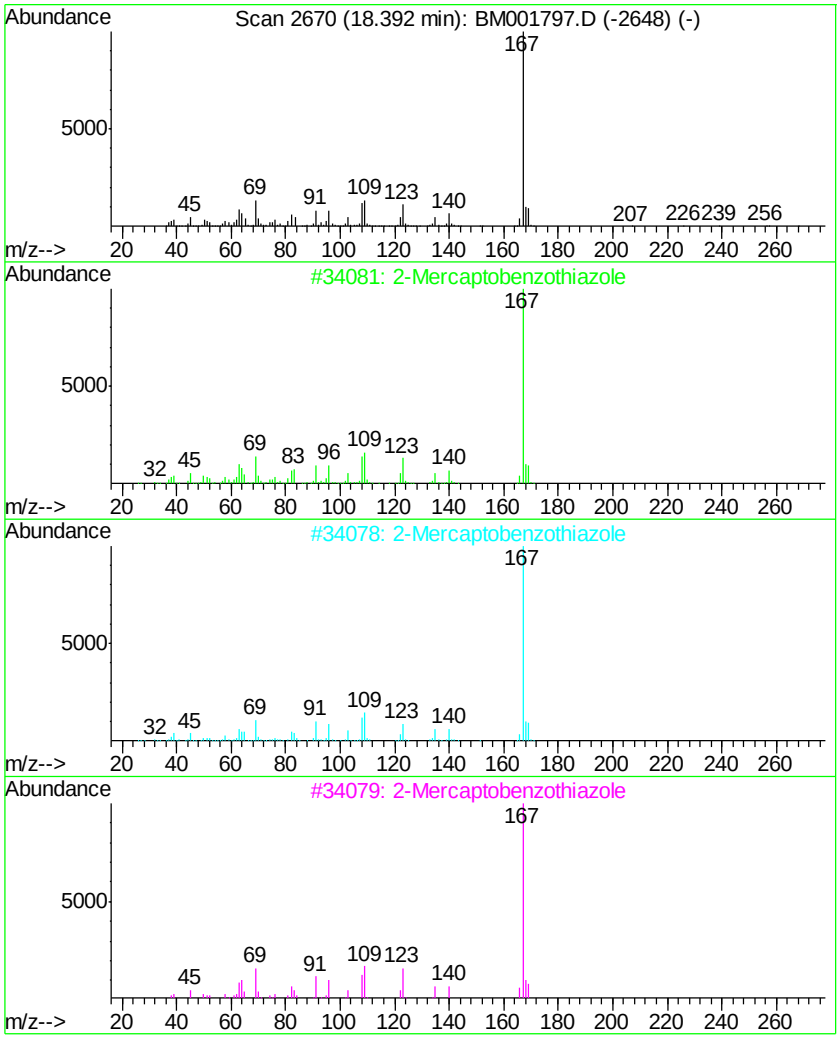
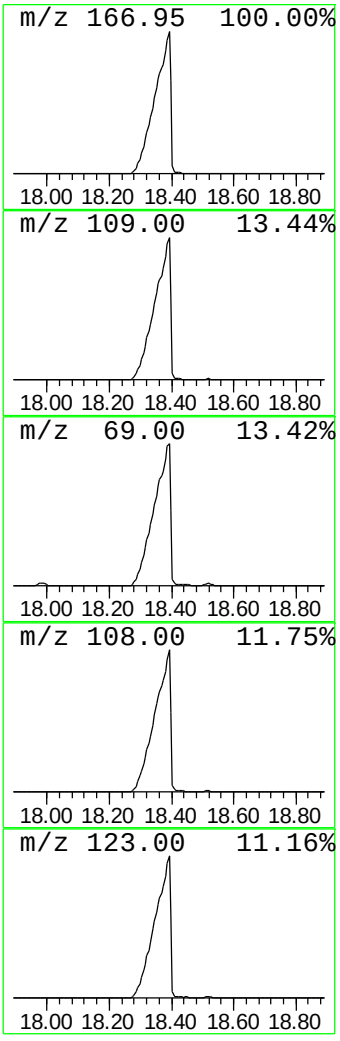
Peak Number 19 2-Mercaptobenzothiazole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	729.71 ng/ul	21045600	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
3	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
4	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
5	5-Fluoro-2-methyl-benzothiazole	167	C8H6FNS	000399-75-7	53





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ClientSampleId : C01L3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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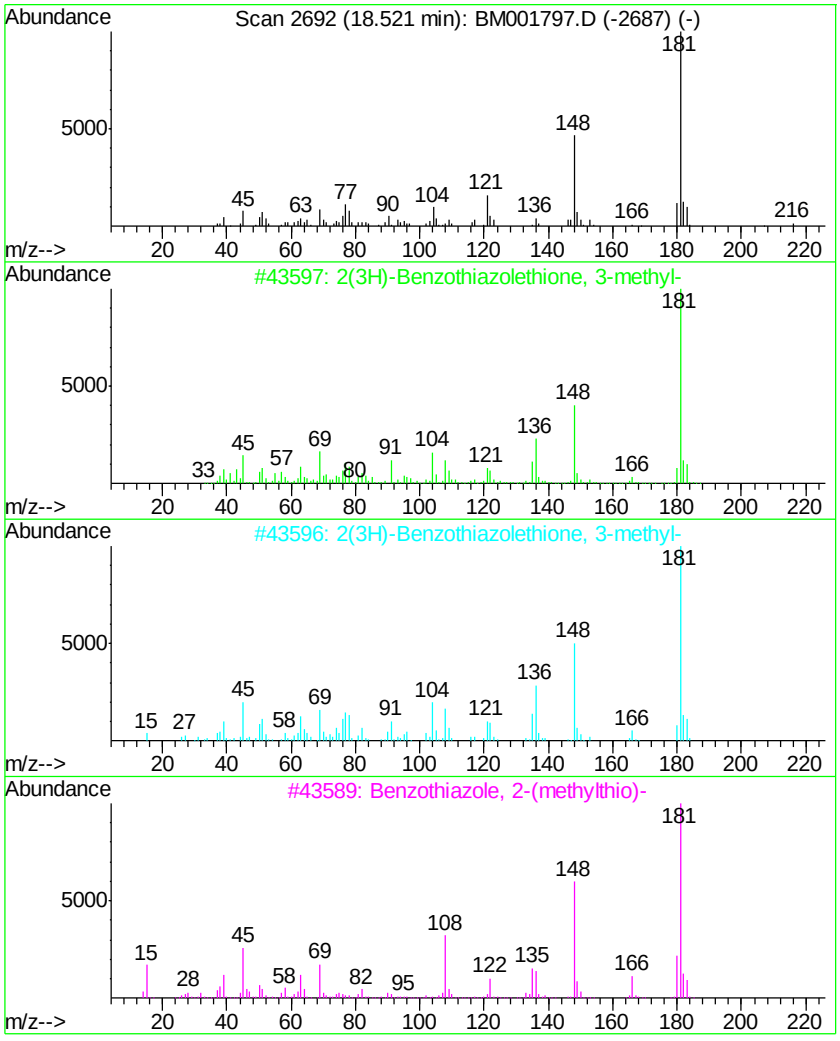
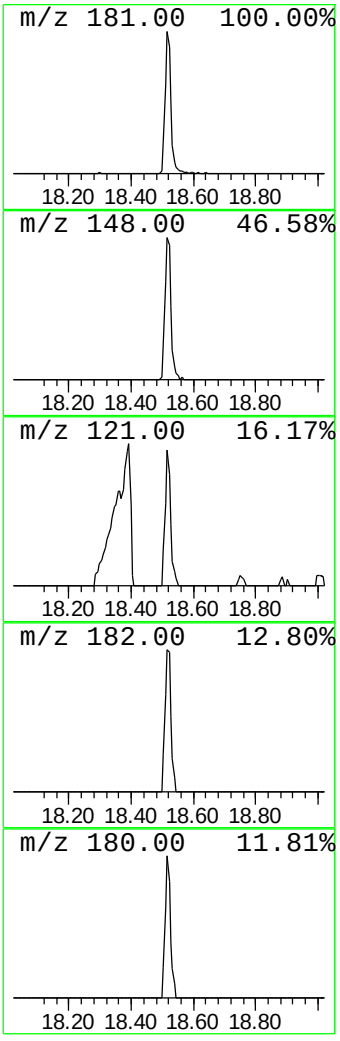
Peak Number 20 2(3H)-Benzothiazolethione, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	7.85 ng/ul	226413	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolethione, 3-met...	181	C8H7NS2	002254-94-6	78
2	2(3H)-Benzothiazolethione, 3-met...	181	C8H7NS2	002254-94-6	64
3	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	59
4	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	50
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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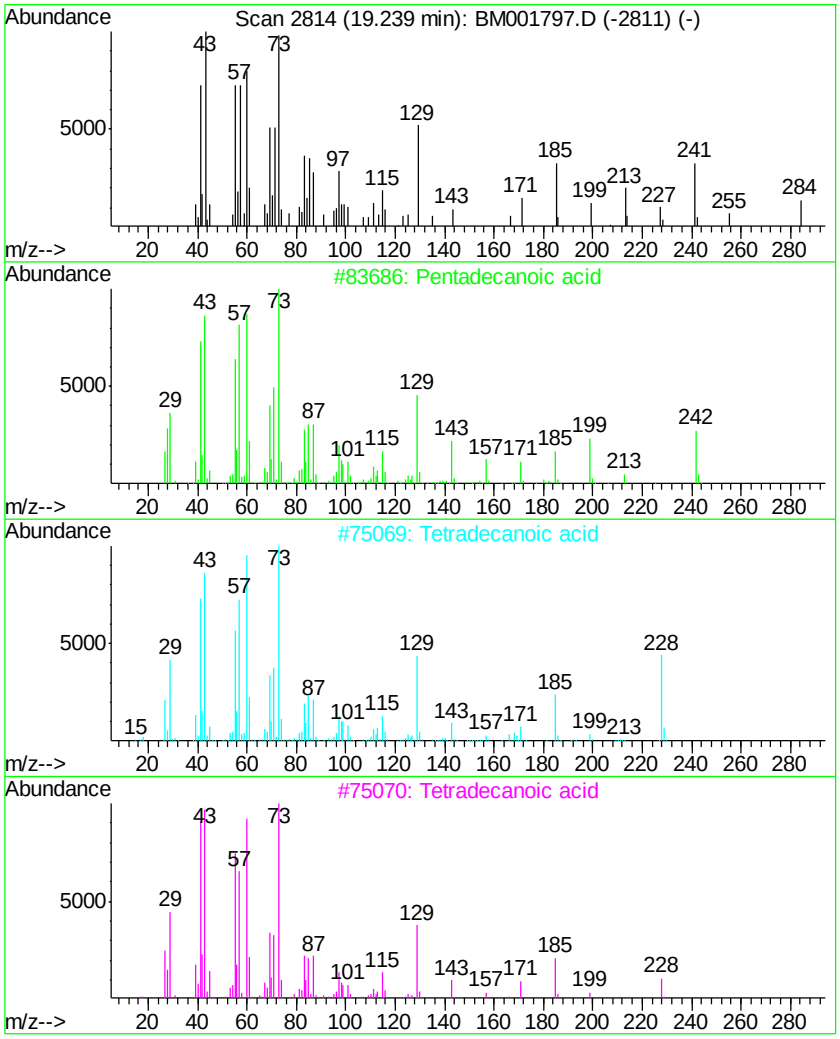
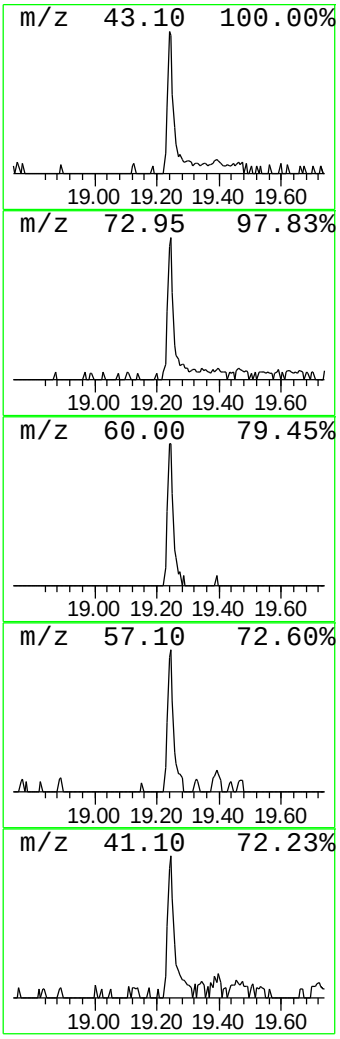
Peak Number 21 Pentadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.20 ng/ul	119398	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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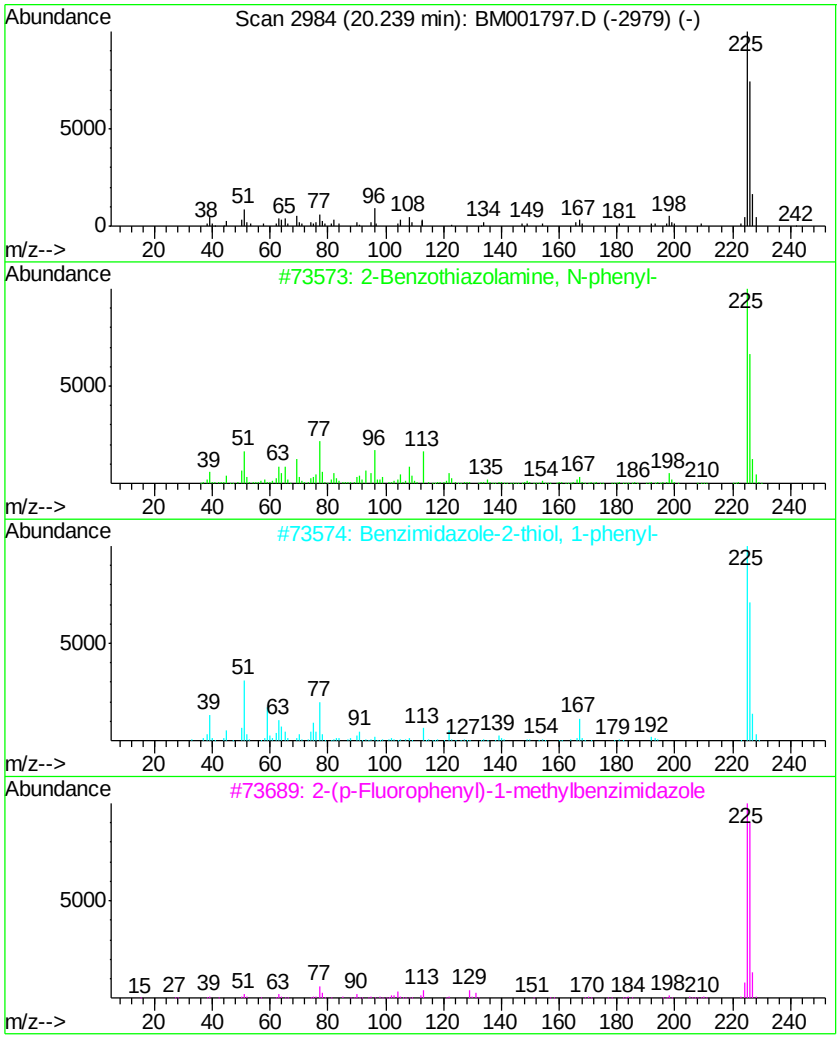
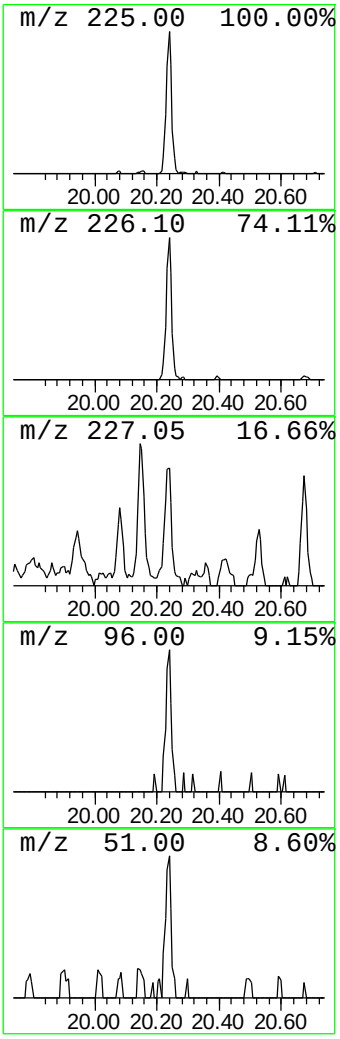
Peak Number 22 2-Benzothiazolamine, N-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	3.80 ng/ul	141788	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiazolamine, N-phenyl-	226	C13H10N2S	001843-21-6	93
2	Benzimidazole-2-thiol, 1-phenyl-	226	C13H10N2S	004493-32-7	87
3	2-(p-Fluorophenyl)-1-methylbenzi...	226	C14H11FN2	000724-59-4	56
4	2,3,8-Trimethyl-1H,9H-pyrrolo[3,...	226	C14H14N2O	1000296-77-8	50
5	Methanone, (2-methoxyphenyl)(4-m...	226	C15H14O2	028137-36-2	39





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Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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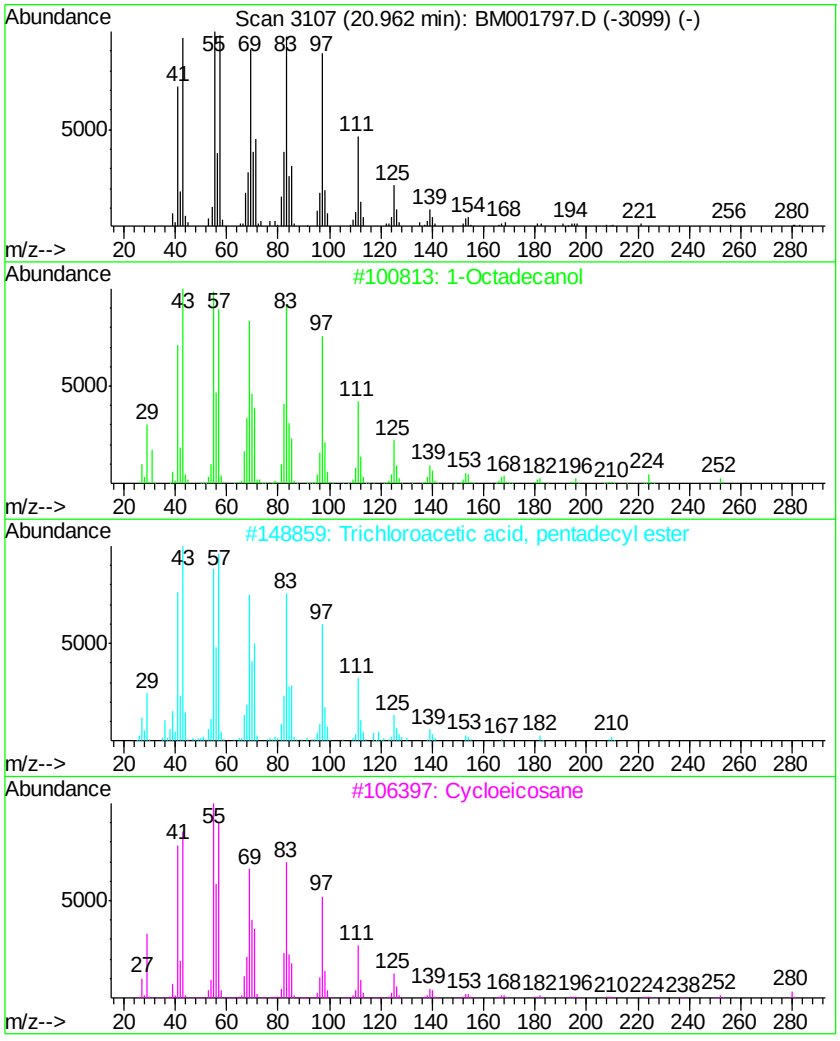
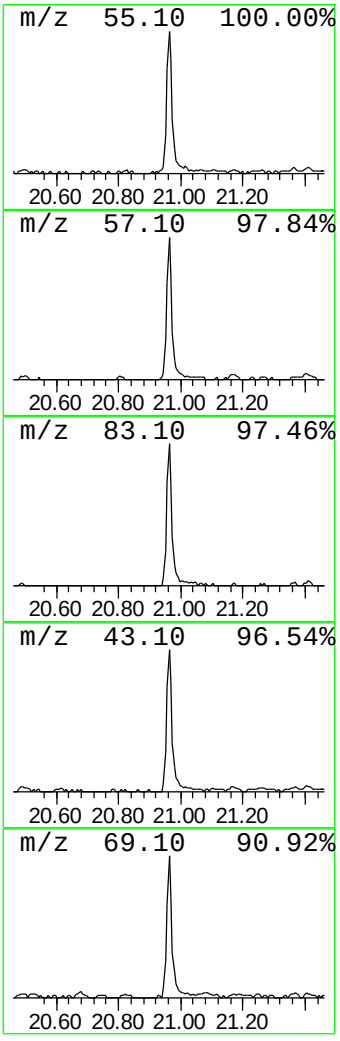
Peak Number 23 1-Octadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	9.04 ng/ul	337205	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Cycloeicosane	280	C20H40	000296-56-0	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	1-Octadecanol	270	C18H38O	000112-92-5	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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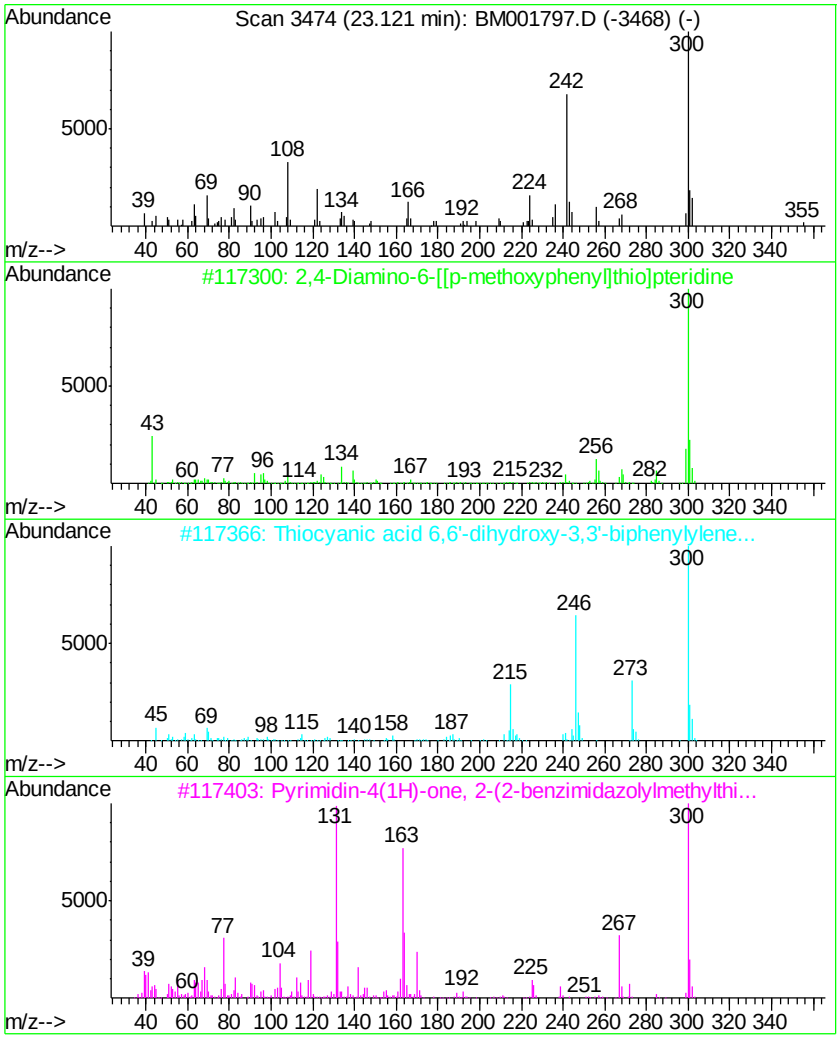
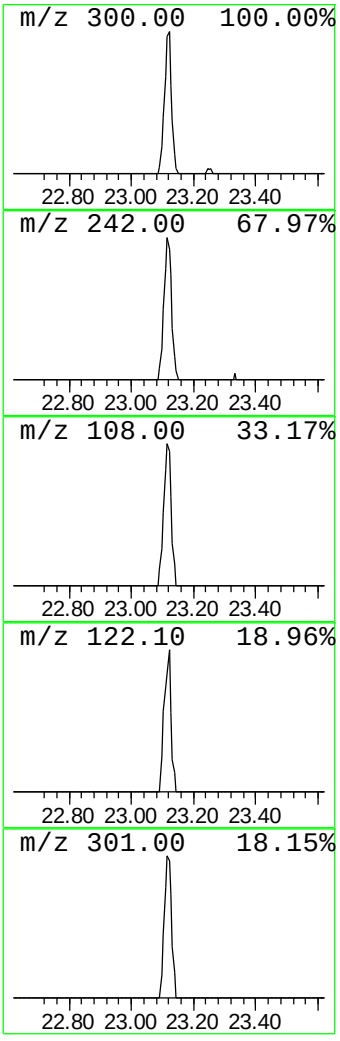
Peak Number 24 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	3.72 ng/ul	118873	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-[[p-methoxyphenyl]...	300	C13H12N6OS	077900-97-1	43
2	Thiocyanic acid 6,6'-dihydroxy-3...	300	C14H8N2O2S2	1000255-45-9	38
3	Pyrimidin-4(1H)-one, 2-(2-benzim...	300	C15H16N4OS	114878-72-7	35
4	1-(4-Methoxyphenyl)-4-cyanopyrim...	300	C18H12N4O	1000286-51-5	35
5	p-[[3-Cyano-4-nitrophenyl]thio]b...	300	C14H8N2O4S	074761-53-8	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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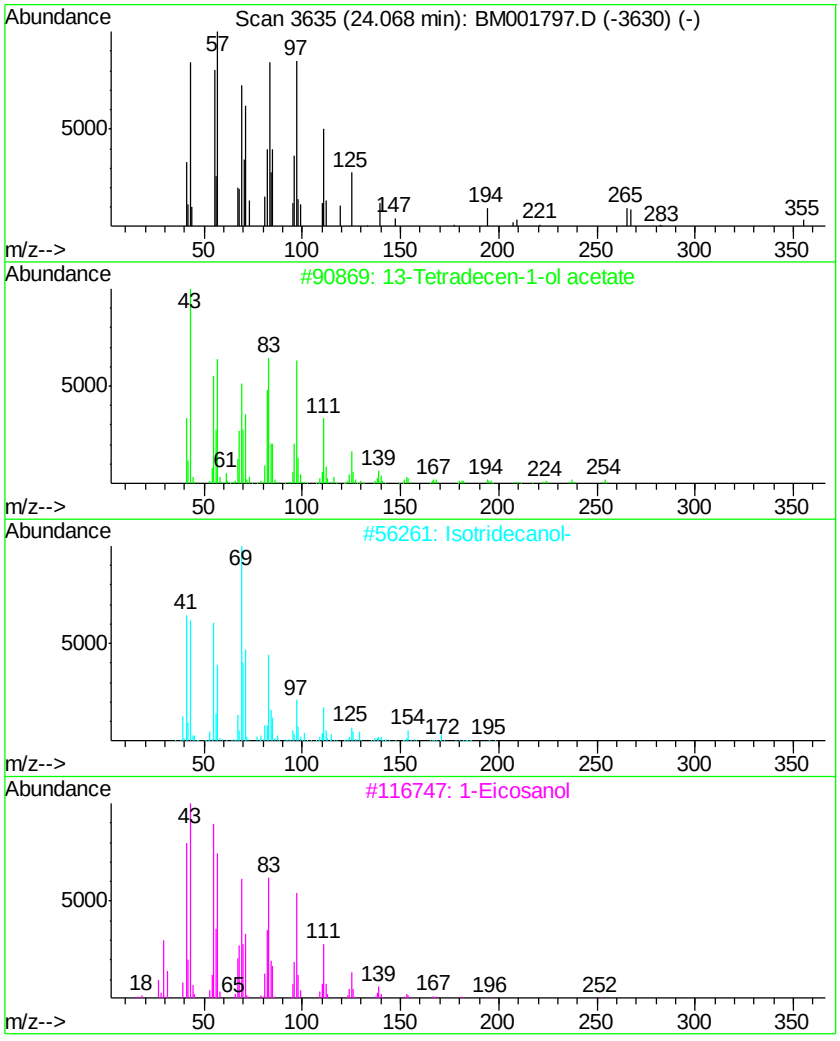
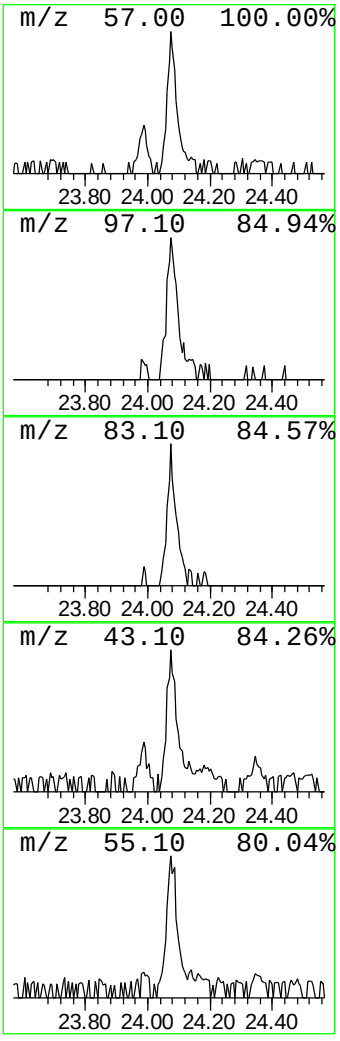
Peak Number 25 13-Tetradecen-1-ol acetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.80 ng/ul	89525	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	74
2	Isotridecanol-	200	C13H28O	027458-92-0	72
3	1-Eicosanol	298	C20H42O	000629-96-9	64
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	62
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001797.D
Acq On : 25 Jun 2015 14:11
Operator : TP/IZ
Sample : G2762-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	20.4	ng/ul	254303	1	7.66	248649	20.0
Ethanol, 2-(2-met...	6.17	2.5	ng/ul	31179	1	7.66	248649	20.0
Phenol, 2-ethyl-	9.42	2.5	ng/ul	41735	2	10.45	340396	20.0
Phenol, 3-ethyl-	9.89	19.3	ng/ul	327670	2	10.45	340396	20.0
Phenol, 3,5-dimet...	9.93	14.5	ng/ul	246029	2	10.45	340396	20.0
Phenol, 3,4-dimet...	10.32	12.9	ng/ul	218994	2	10.45	340396	20.0
Phenol, 3-(1-meth...	10.80	3.0	ng/ul	51186	2	10.45	340396	20.0
Phenol, 2-ethyl-5...	10.99	4.1	ng/ul	69281	2	10.45	340396	20.0
Benzothiazole	11.10	3.8	ng/ul	63772	2	10.45	340396	20.0
Benzene, 1-ethyl-...	11.27	8.0	ng/ul	135601	2	10.45	340396	20.0
Phenol, 2,4,6-tri...	11.47	2.2	ng/ul	37398	2	10.45	340396	20.0
Phenol, 2-ethyl-6...	11.57	2.4	ng/ul	40347	2	10.45	340396	20.0
Benzothiazole, 2-...	15.53	3.0	ng/ul	70878	3	14.32	464839	20.0
2(3H)-Benzothiazo...	16.10	332.7	ng/ul	9594330	4	17.06	576823	20.0
unknown-01	16.43	4.9	ng/ul	141352	4	17.06	576823	20.0
n-Hexadecanoic acid	17.98	8.7	ng/ul	249943	4	17.06	576823	20.0
2-Mercaptobenzoth...	18.39	729.7	ng/ul	21045600	4	17.06	576823	20.0
2(3H)-Benzothiazo...	18.52	7.8	ng/ul	226413	4	17.06	576823	20.0
Pentadecanoic acid	19.24	3.2	ng/ul	119398	5	21.25	746030	20.0
2-Benzothiazolami...	20.24	3.8	ng/ul	141788	5	21.25	746030	20.0
1-Octadecanol	20.96	9.0	ng/ul	337205	5	21.25	746030	20.0
unknown-02	23.12	3.7	ng/ul	118873	6	23.47	638872	20.0
13-Tetradecen-1-o...	24.07	2.8	ng/ul	89525	6	23.47	638872	20.0