LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM051917.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.852	127	130	142	rBV	211375	402031	3.10%	0.450%
2	4.452	223	232	236	rBV2	93867	181460	1.40%	0.203%
3	4.693	268	273	280	rBV	339985	509803	3.94%	0.570%
4	4.769	282	286	294	rBV3	127769	292491	2.26%	0.327%
5	5.057	331	335	344	rVB	668324	939638	7.26%	1.051%
6	5.493	404	409	410	rBV	276696	372061	2.87%	0.416%
7	5.522	410	414	423	rVB	1245225	1876583	14.49%	2.099%
8	6.287	538	544	554	rBV	870761	1310762	10.12%	1.466%
9	7.069	672	677	682	rBV	201105	360739	2.79%	0.403%
10	7.134	682	688	702	rVB	772596	1388556	10.72%	1.553%
11	7.481	737	747	757	rBV	2007653	3263469	25.20%	3.650%
12	7.940	818	825	829	rBV	509127	850186	6.57%	0.951%
13	7.981	829	832	851	rVB	376192	732243	5.65%	0.819%
14	8.263	865	880	895	rBV	1951929	3487410	26.93%	3.900%
15	8.404	897	904	910	rVB2	262117	425611	3.29%	0.476%
16	8.640	933	944	952	rBV4	126461	278162	2.15%	0.311%
17	8.775	963	967	975	rVB	492804	808119	6.24%	0.904%
18	8.851	975	980	988	rBV4	65846	139981	1.08%	0.157%
19	9.128	1020	1027	1037	rBV	1492055	2511734	19.40%	2.809%
20	9.216	1037	1042	1055	rVB4	96601	215273	1.66%	0.241%
21	9.375	1061	1069	1078	rVB7	73713	190484	1.47%	0.213%
22	9.963	1157	1169	1175	rBV8	86213	237433	1.83%	0.266%
23	10.151	1197	1201	1210	rVB6	115047	223942	1.73%	0.250%
24	10.445	1246	1251	1257	rVB	125941	212348	1.64%	0.237%
25	10.675	1280	1290	1296	rBV5	80264	210135	1.62%	0.235%
26	10.745	1296	1302	1307	rBV	560043	974872	7.53%	1.090%
27	10.898	1323	1328	1337	rVB	154265	278174	2.15%	0.311%
28	11.045	1340	1353	1361	rBV	2764287	6220239	48.03%	6.957%
29	11.257	1383	1389	1393	rBV4	82178	150400	1.16%	0.168%
30	11.334	1397	1402	1407	rBV	121839	201283	1.55%	0.225%
31	11.492	1422	1429	1449	rBV	941031	2156413	16.65%	2.412%
32	11.681	1457	1461	1469	rVB	106294	177339	1.37%	0.198%
33	12.028	1512	1520	1524	rBV2	125940	293740	2.27%	0.329%
34	12.098	1525	1532	1536	rVV4	185151	441855	3.41%	0.494%

LSC Area Percent Report

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Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM051917.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.145	1536	1540	1547	rVV	695781	1189879	9.19%	1.331%
36	12.216	1547	1552	1557	rVB	372261	538391	4.16%	0.602%
37	12.404	1577	1584	1592	rBV4	141483	379873	2.93%	0.425%
38	12.633	1616	1623	1631	rBV7	72923	179696	1.39%	0.201%
39	12.722	1632	1638	1646	rBV9	67237	174614	1.35%	0.195%
40	13.028	1681	1690	1696	rBV	1487172	2464889	19.03%	2.757%
41	13.133	1702	1708	1712	rBV2	179290	344948	2.66%	0.386%
42	13.192	1712	1718	1726	rVB	4647245	6780494	52.36%	7.583%
43	13.280	1728	1733	1738	rBV2	201768	342577	2.65%	0.383%
44	13.492	1764	1769	1775	rVB3	155811	259575	2.00%	0.290%
45	13.563	1776	1781	1787	rBV5	86511	188824	1.46%	0.211%
46	13.710	1802	1806	1813	rBV5	100754	212061	1.64%	0.237%
47	13.792	1816	1820	1827	rVB6	81459	171798	1.33%	0.192%
48	14.033	1854	1861	1870	rVB	262924	513265	3.96%	0.574%
49	14.139	1875	1879	1885	rVB	215165	321812	2.49%	0.360%
50	14.322	1904	1910	1915	rBV4	189226	389260	3.01%	0.435%
51	14.422	1923	1927	1931	rVV	233287	286751	2.21%	0.321%
52	14.469	1931	1935	1941	rVB2	167986	286668	2.21%	0.321%
53	14.574	1947	1953	1960	rVB2	923083	1452375	11.22%	1.624%
54	14.910	2005	2010	2016	rVB5	122134	232531	1.80%	0.260%
55	14.992	2020	2024	2031	rVB6	137081	251172	1.94%	0.281%
56	15.274	2067	2072	2074	rBV3	80910	140098	1.08%	0.157%
57	15.310	2074	2078	2084	rVV	276169	467581	3.61%	0.523%
58	15.386	2087	2091	2099	rVB2	124682	218573	1.69%	0.244%
59	15.592	2123	2126	2132	rVB4	196794	276199	2.13%	0.309%
60	15.910	2176	2180	2184	rBV2	165353	243428	1.88%	0.272%
61	16.069	2201	2207	2216	rBV	3528560	5399580	41.70%	6.039%
62	16.198	2226	2229	2234	rVB7	89197	137886	1.06%	0.154%
63	16.304	2244	2247	2256	rVB5	98328	200070	1.54%	0.224%
64	16.492	2276	2279	2286	rVB5	119141	188710	1.46%	0.211%
65	16.604	2288	2298	2303	rBV	1112450	1618412	12.50%	1.810%
66	16.810	2328	2333	2343	rBV	246921	520249	4.02%	0.582%
67	16.945	2353	2356	2363	rVB2	155853	252838	1.95%	0.283%
68	17.057	2370	2375	2384	rBV	2009438	2943307	22.73%	3.292%
69	17.163	2389	2393	2398	rVB	452241	549902	4.25%	0.615%
70	17.321	2414	2420	2433	rVB	1335164	2049462	15.83%	2.292%
71	17.574	2460	2463	2469	rVB2	122178	203150	1.57%	0.227%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM051917.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.645	2471	2475	2481	rBV3	104660	238762	1.84%	0.267%
73	18.174	2560	2565	2568	rBV4	147514	276503	2.14%	0.309%
74	18.221	2570	2573	2581	rVV3	263534	429850	3.32%	0.481%
75	18.298	2582	2586	2592	rVB2	70103	129960	1.00%	0.145%
76	18.410	2600	2605	2612	rBV	733505	1141272	8.81%	1.276%
77	18.815	2670	2674	2678	rBV2	230943	266536	2.06%	0.298%
78	19.374	2767	2769	2774	rVB	204791	236420	1.83%	0.264%
79	19.692	2819	2823	2830	rBV2	151225	337890	2.61%	0.378%
80	19.762	2830	2835	2841	rBV	1268147	1728138	13.35%	1.933%
81	19.921	2857	2862	2870	rVB	11515612	12949577	100.00%	14.483%
82	20.051	2880	2884	2893	rVB	344395	502857	3.88%	0.562%
83	21.480	3122	3127	3132	rBV	2265543	2741606	21.17%	3.066%
84	21.603	3144	3148	3153	rVB	737936	863766	6.67%	0.966%
85	23.833	3522	3527	3536	rVB2	1449887	2882734	22.26%	3.224%

Sum of corrected areas: 89411738

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Sample : I3340-13
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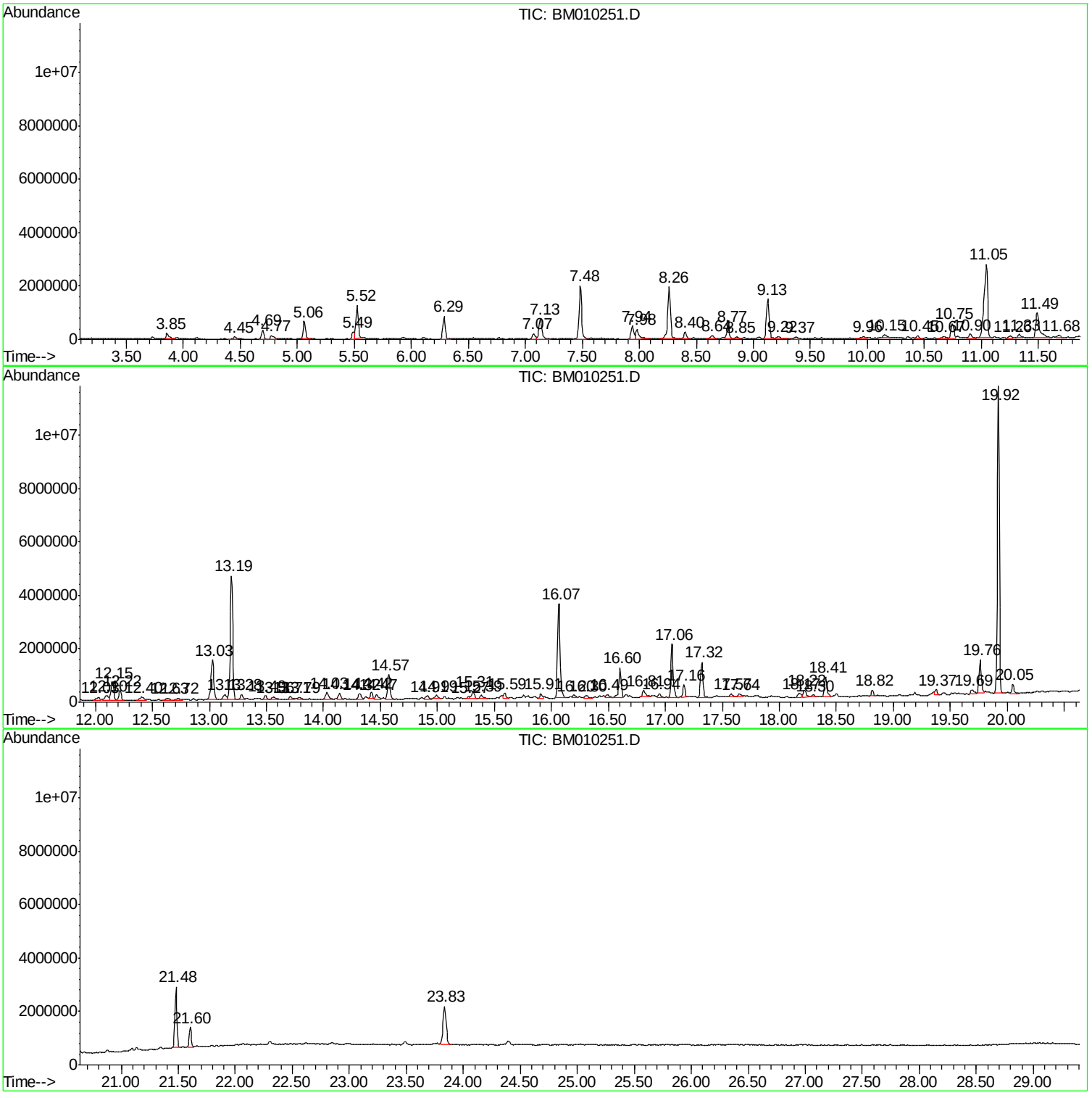
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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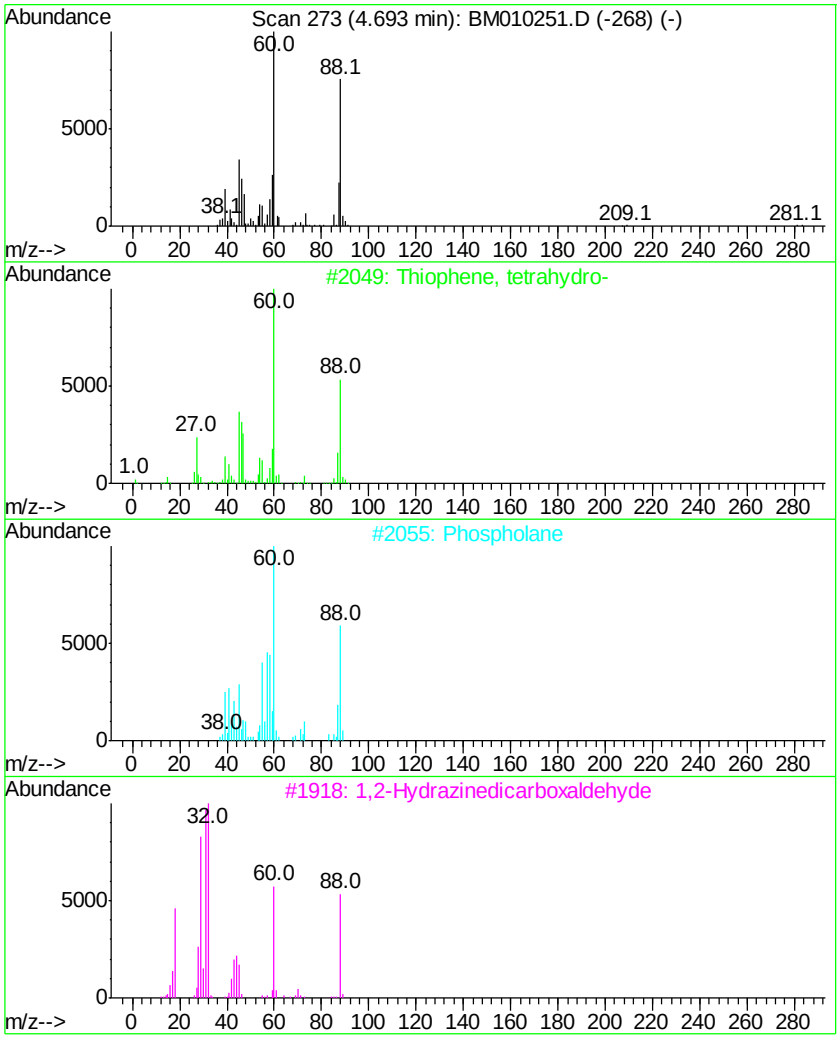
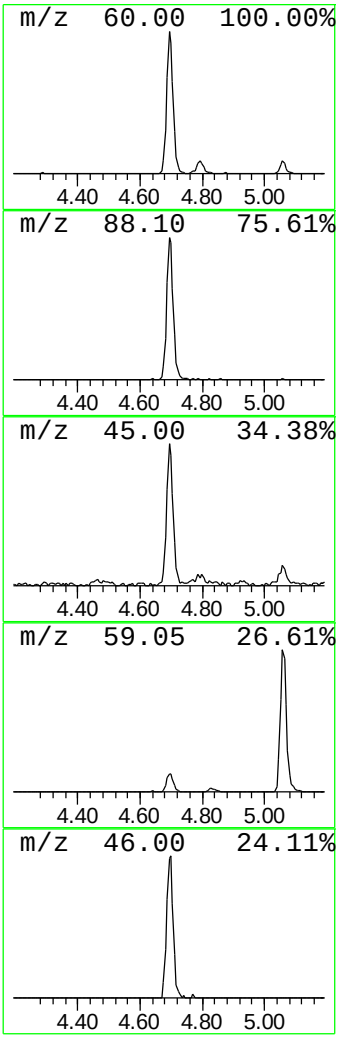
****

Peak Number 1 Thiophene, tetrahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	11.99 ng	509803	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	90
2	Phospholane	88	C4H9P	003466-00-0	72
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	53
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	47
5	Ethylvinyl sulfide	88	C4H8S	000627-50-9	42





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

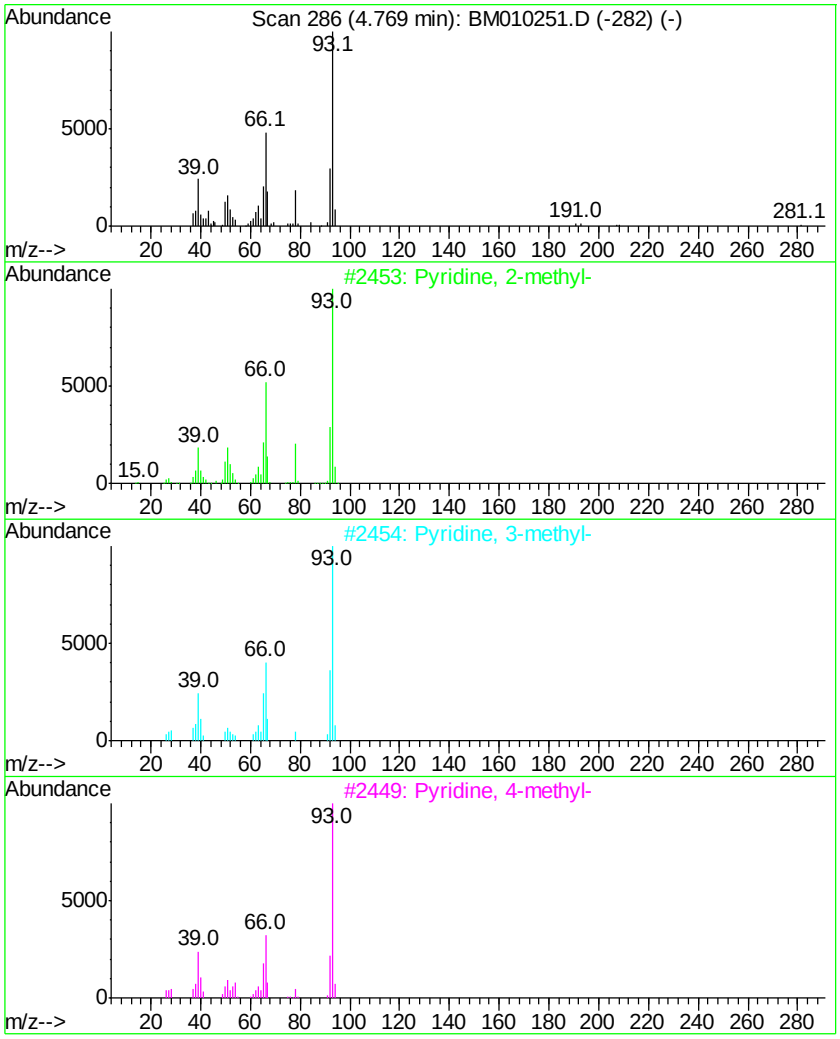
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

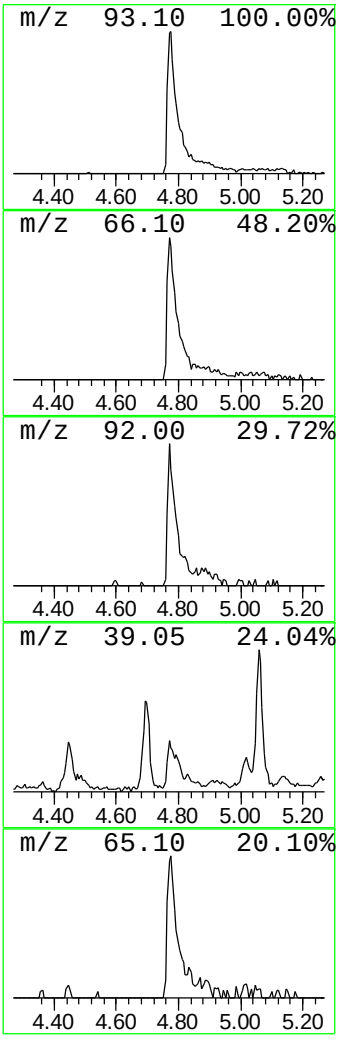
****

Peak Number 2 Pyridine, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	6.88 ng	292491	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	94
2	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	91
3	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91
4	Aniline	93	C6H7N	000062-53-3	90
5	Silanediamine, 1,1-dimethyl-N,N'...	242	C14H18N2Si	013435-09-1	78





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
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Operator : SJ/MA
Sample : I3340-13
Misc :
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Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

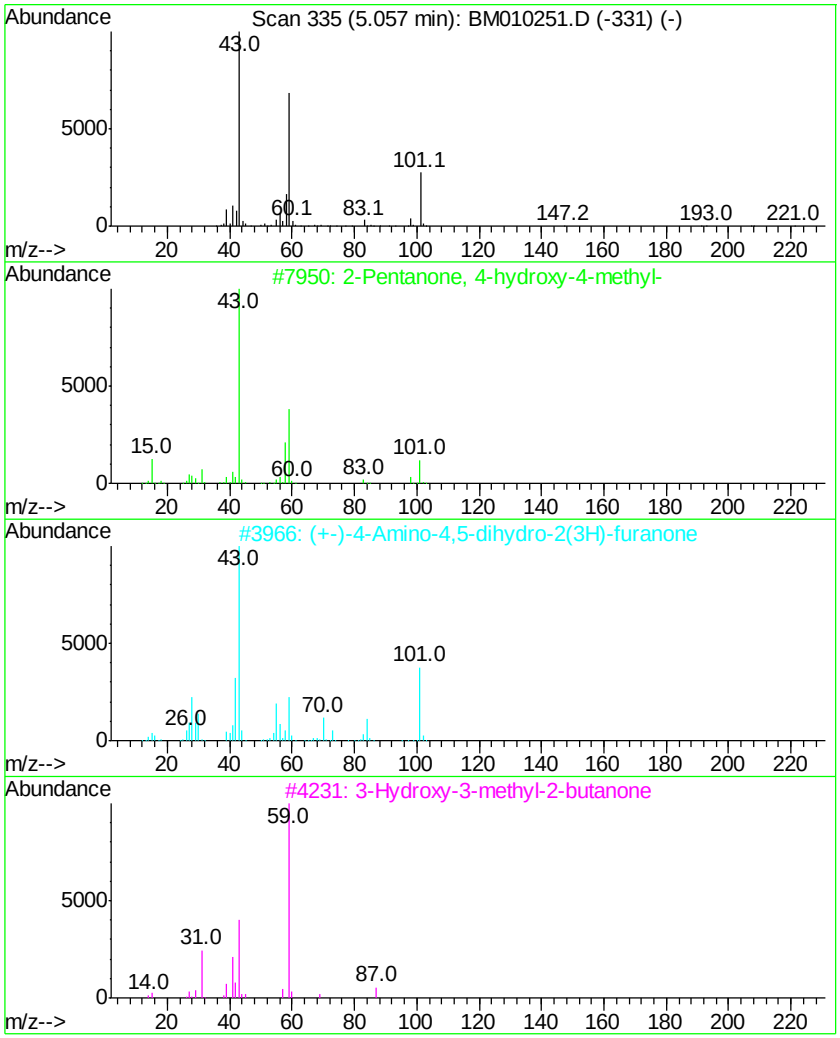
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

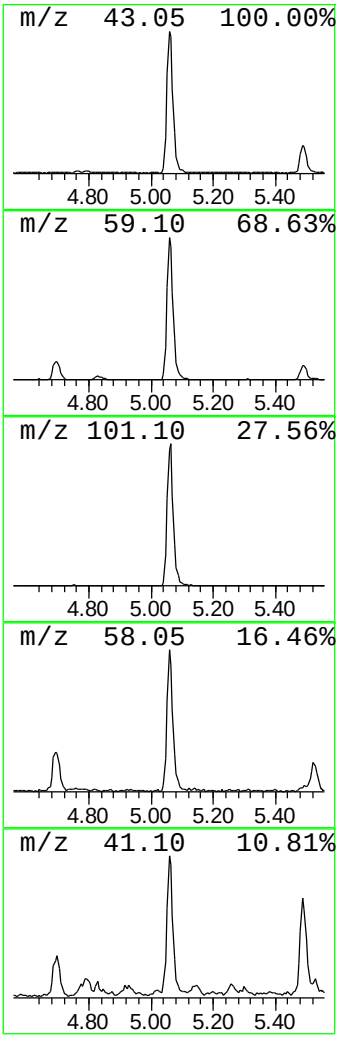
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	22.10 ng	939638	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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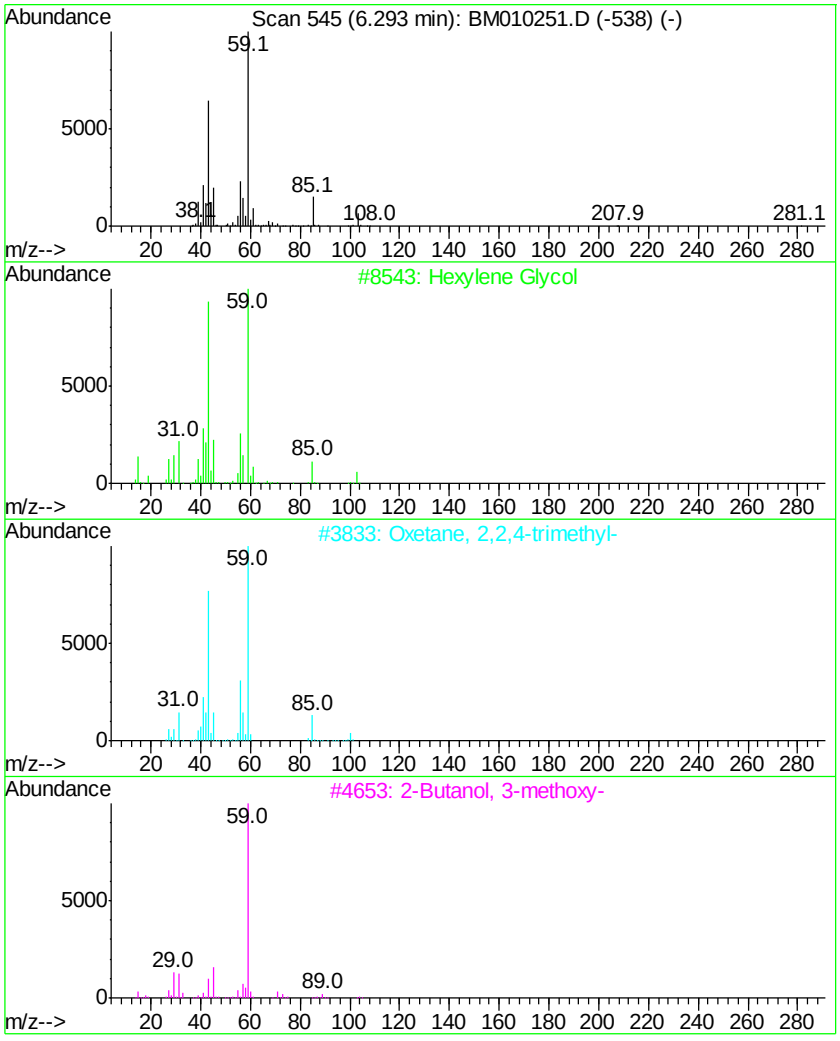
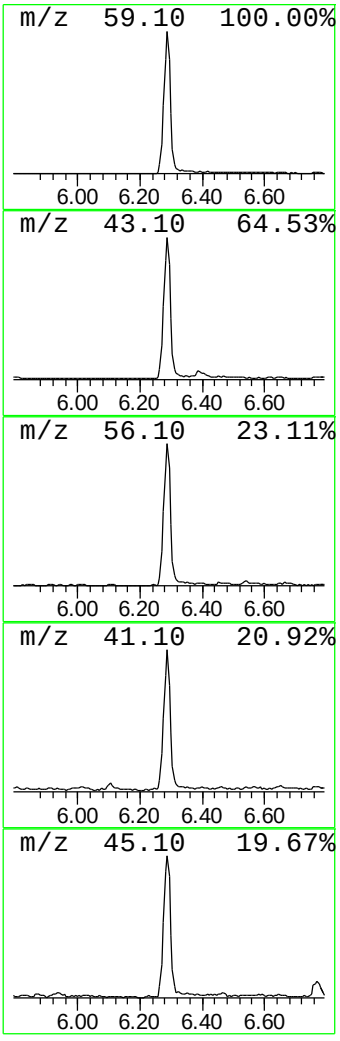
Peak Number 4 Hexylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	30.83 ng	1310760	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene Glycol	118	C6H14O2	000107-41-5	83
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	64
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50
4	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	50
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

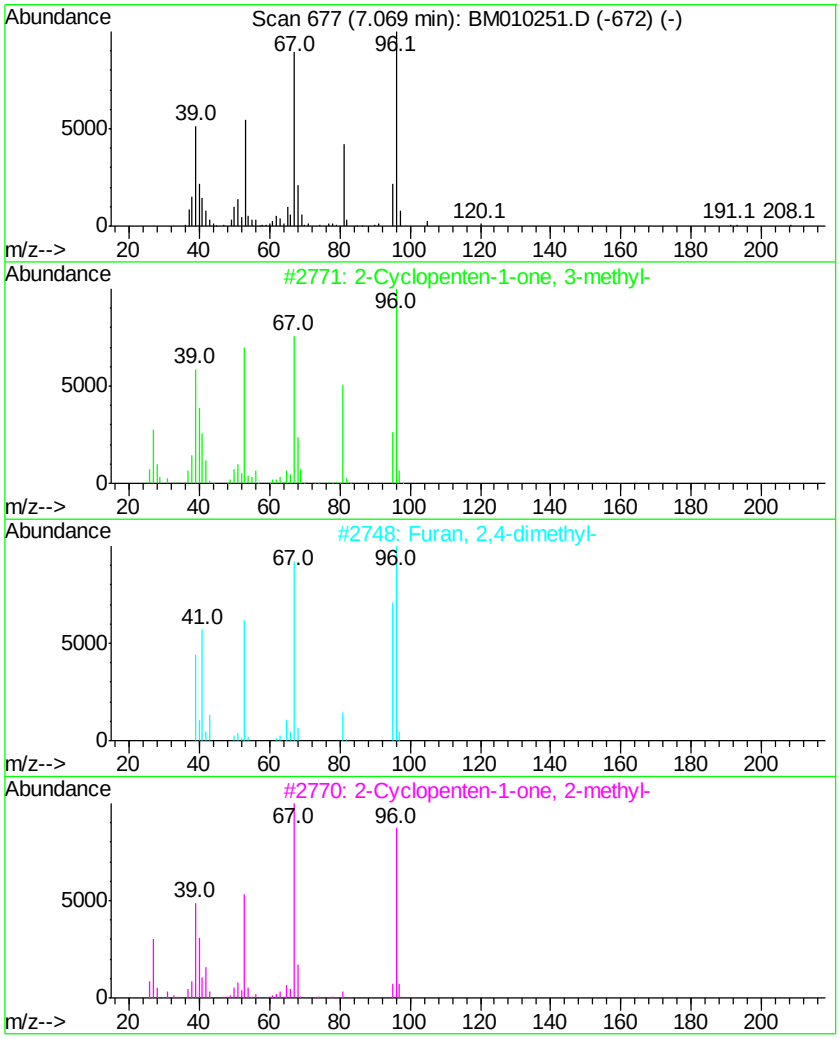
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

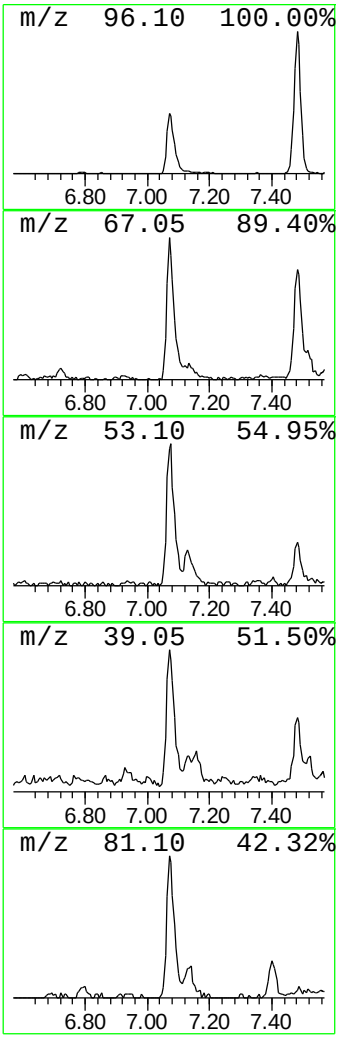
****

Peak Number 5 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	8.49 ng	360739	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	93
2	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	87
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	87
4	1-Pentyne	68	C5H8	000627-19-0	58
5	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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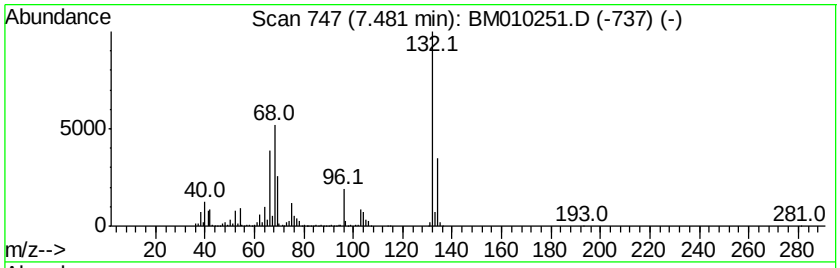
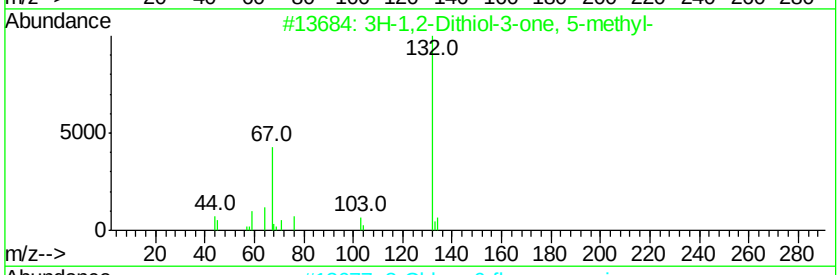
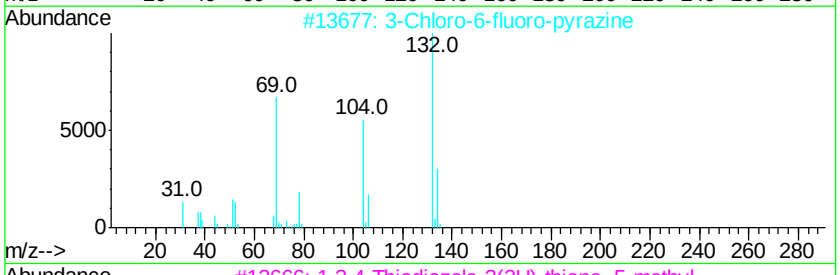
Peak Number 6 unknown7.48 Concentration Rank 3

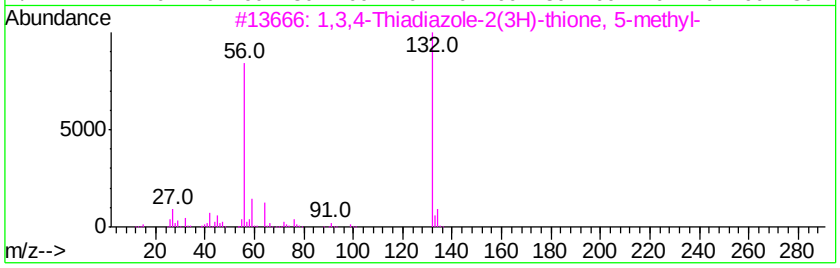
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	76.77 ng	3263470	1,4-Dichlorobenzene-d4	7.94

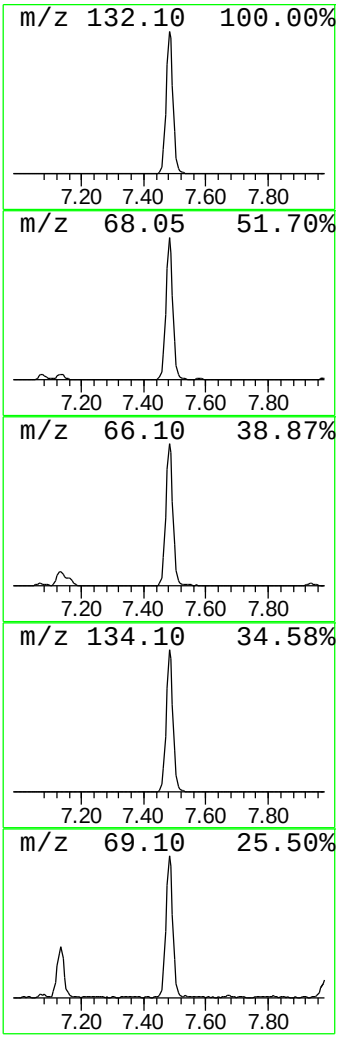
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10











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Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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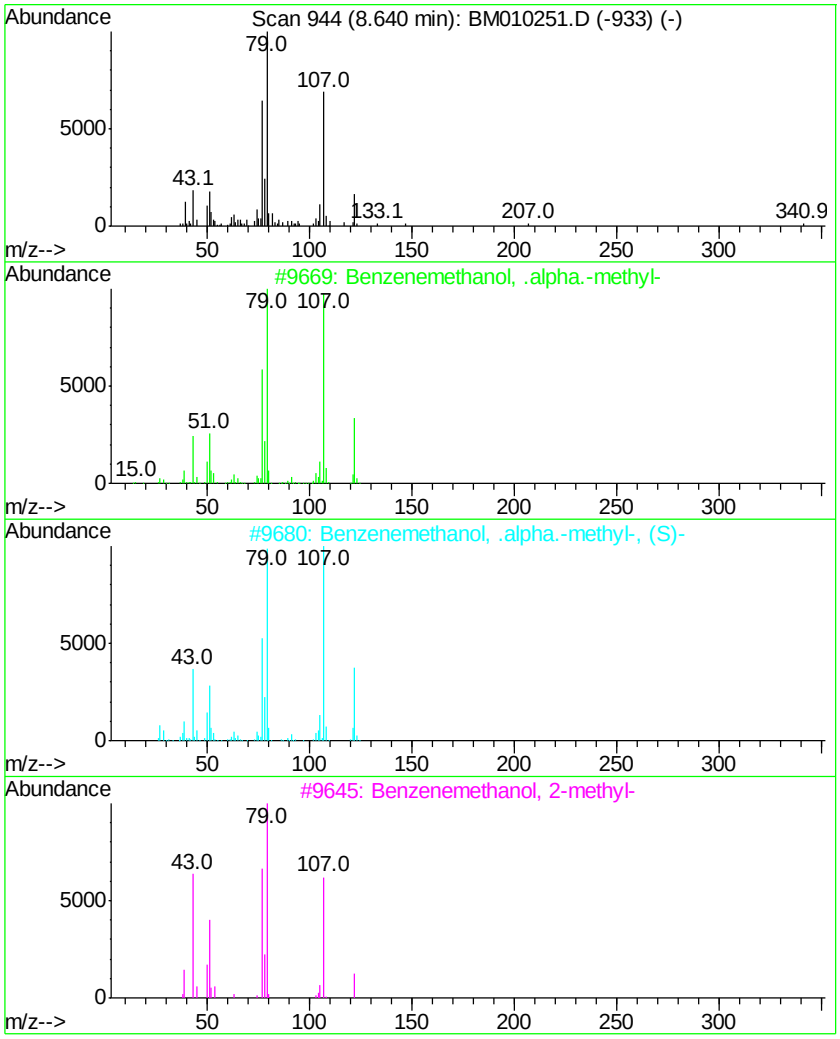
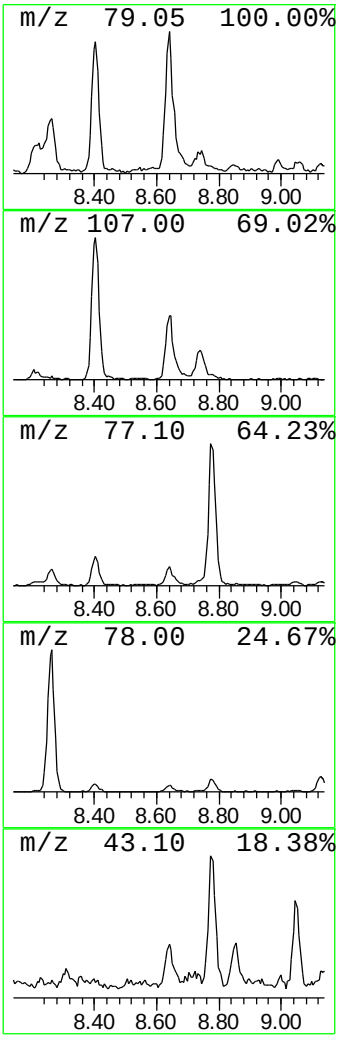
Peak Number 8 Benzenemethanol, .alpha.-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	6.54 ng	278162	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	96
2	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	91
3	Benzenemethanol, 2-methyl-	122	C8H10O	000089-95-2	91
4	Benzeneacetic acid, .alpha.-hydr...	180	C10H12O3	010606-72-1	72
5	Ethyl (S)-(+)-mandelate	180	C10H12O3	013704-09-1	72





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Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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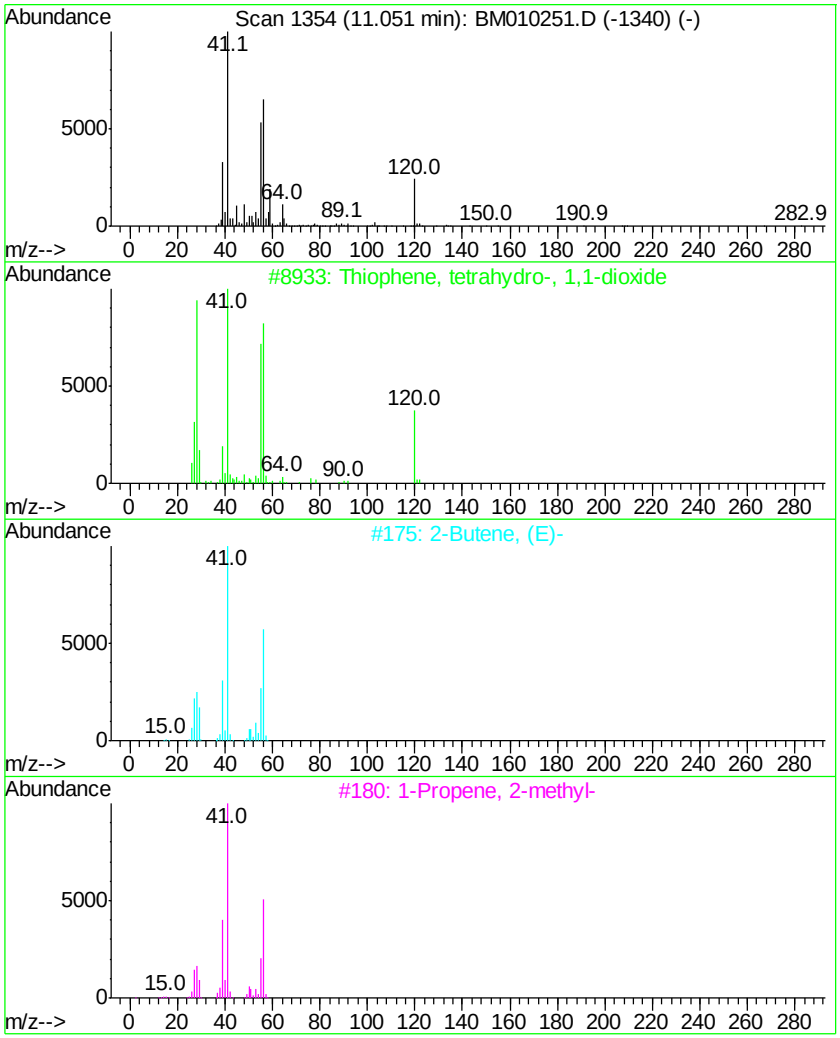
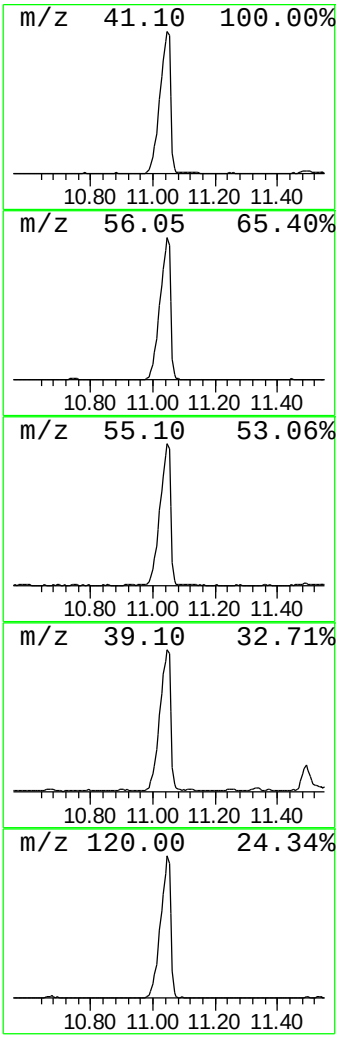
Peak Number 9 unknown11.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	127.61 ng	6220240	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	49
2	2-Butene, (E)-	56	C4H8	000624-64-6	25
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	25
4	Cyclobutane	56	C4H8	000287-23-0	25
5	2-Butene, (Z)-	56	C4H8	000590-18-1	25





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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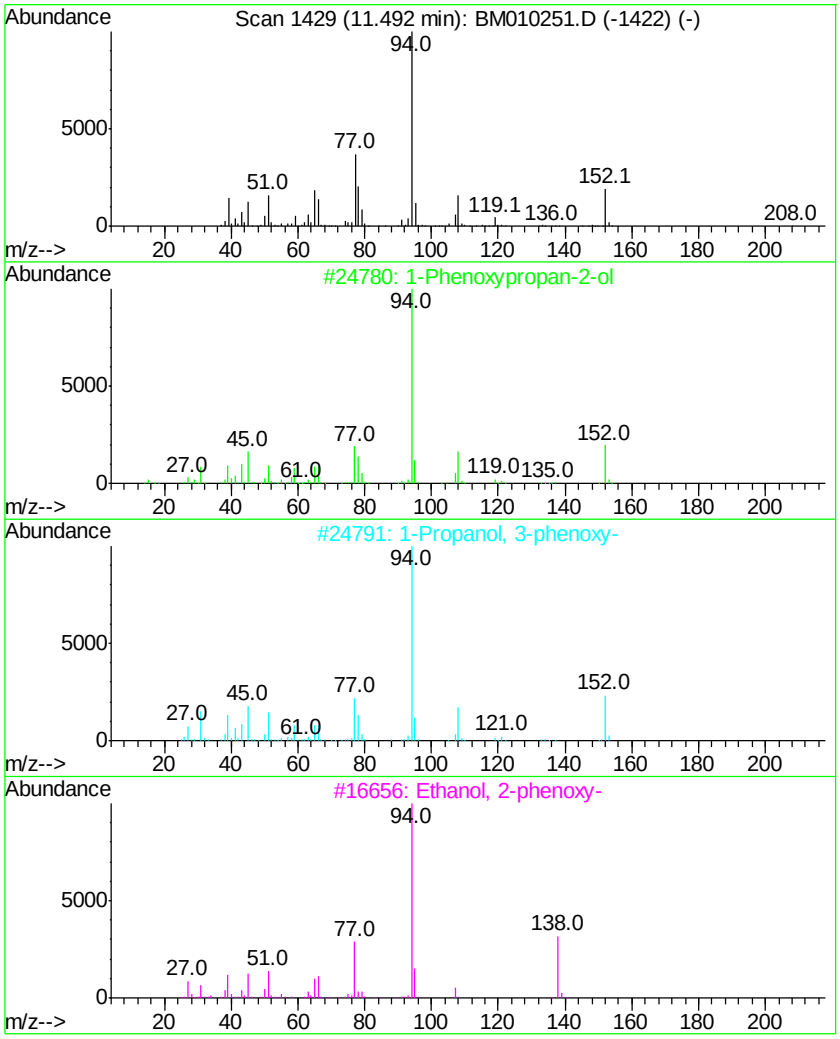
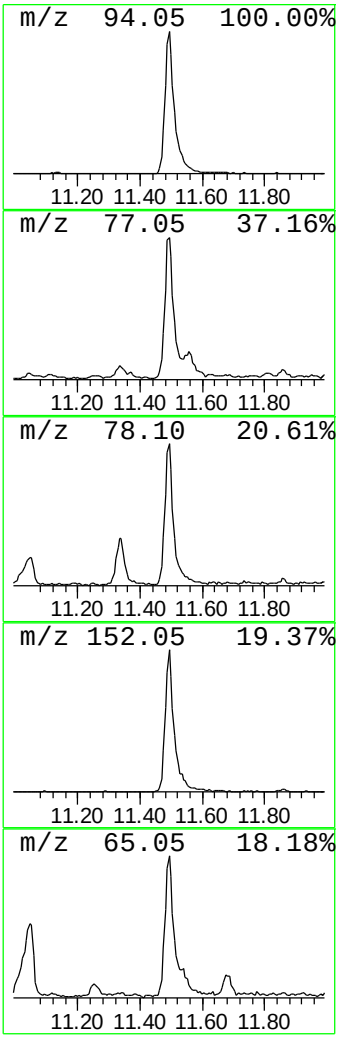
Peak Number 10 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	44.24 ng	2156410	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	64
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	53
4	Carbonic acid, (3,4,4-trimethyl-...	252	C13H16O5	109123-69-5	42
5	Benzene, propoxy-	136	C9H12O	000622-85-5	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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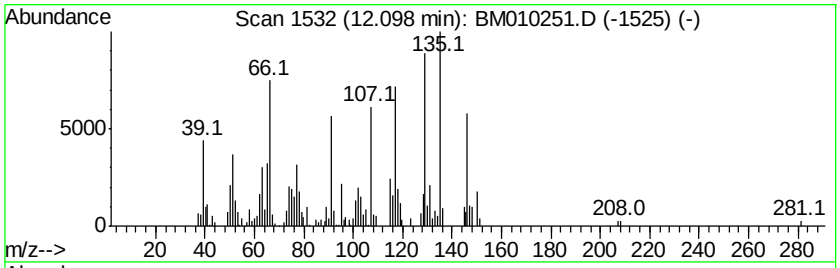
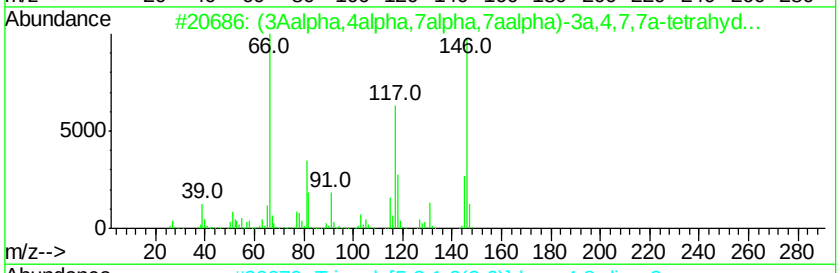
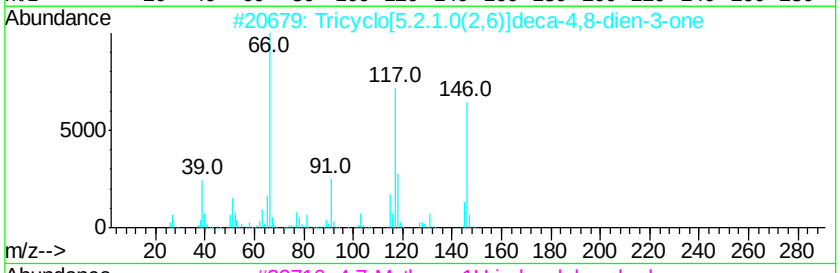
Peak Number 11 (3Aalpha,4alpha,7alpha,7aal... Concentration Rank 15

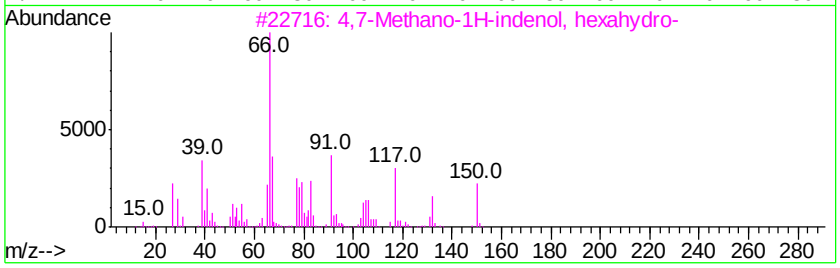
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	9.06 ng	441855	Naphthalene-d8	10.75

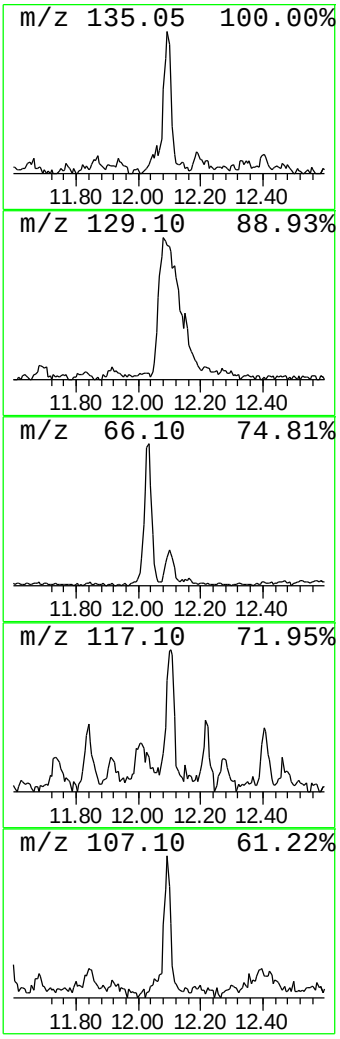
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3Aalpha,4alpha,7alpha,7aalpha)-...	146	C10H10O	005530-96-1	55
2	Tricyclo[5.2.1.0(2,6)]deca-4,8-d...	146	C10H10O	1000191-03-2	47
3	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	38
4	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	38
5	4-Pyridinemethanol, 3-hydroxy-2,...	153	C8H11NO2	004811-03-4	38











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Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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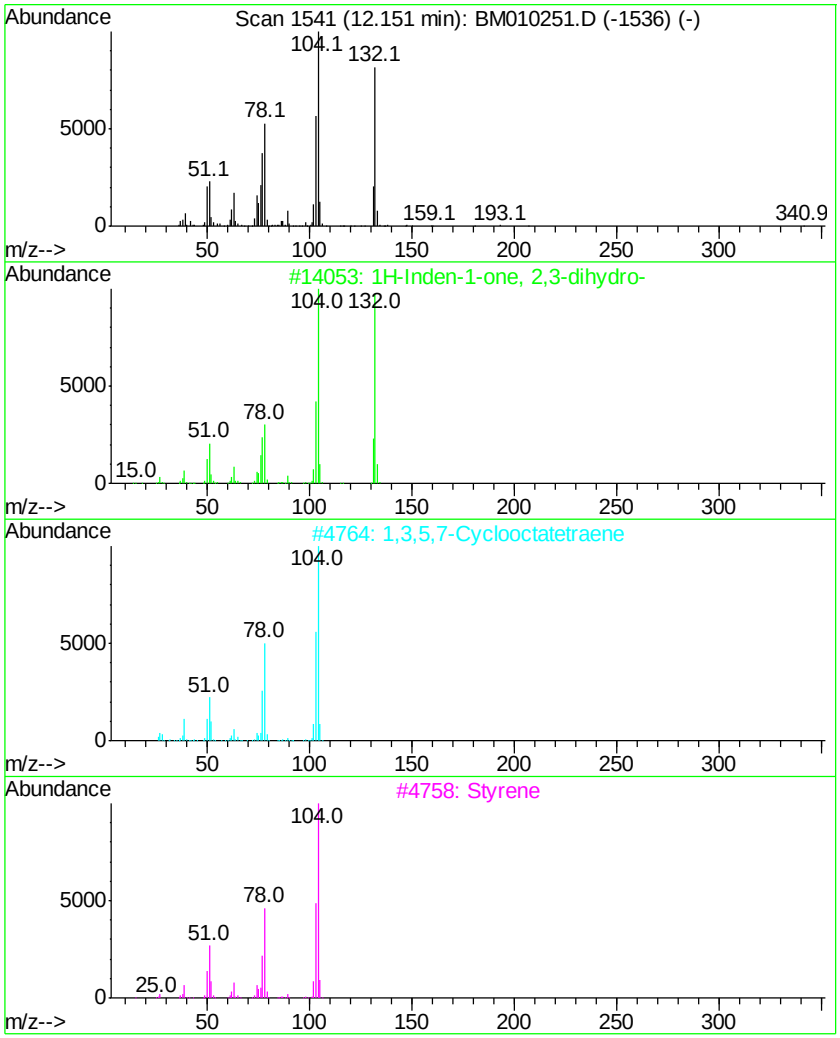
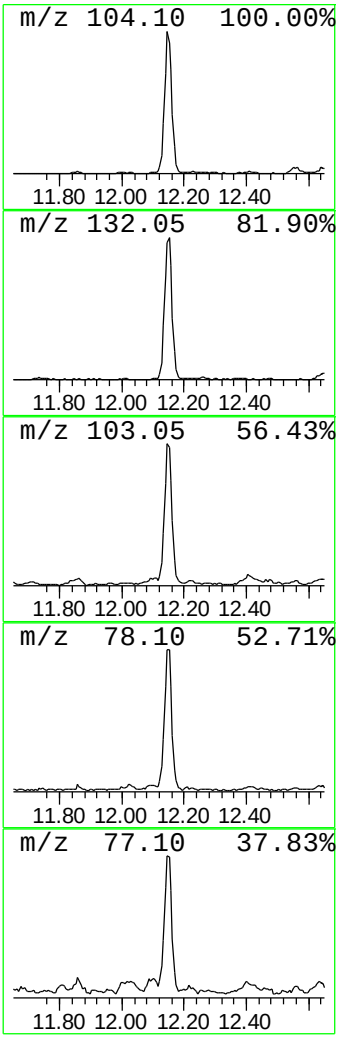
Peak Number 12 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	24.41 ng	1189880	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	70
3	Styrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	62
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	49





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Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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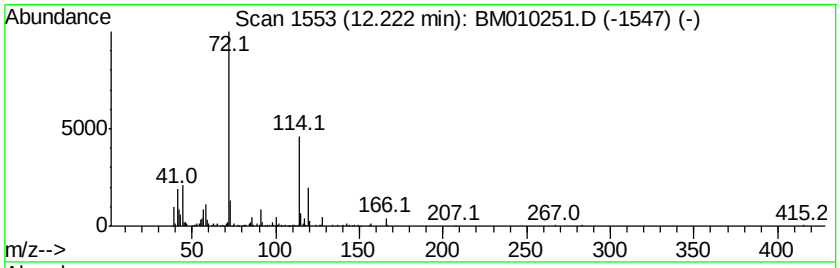
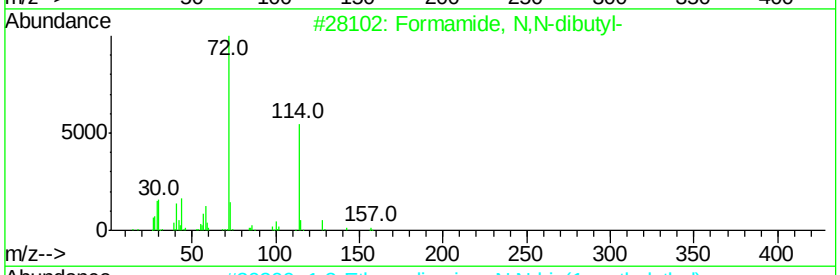
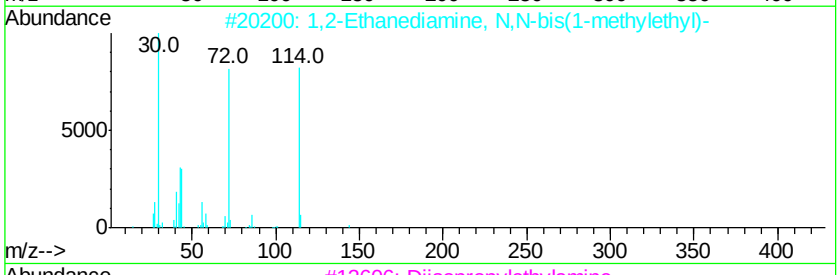
Peak Number 13 Formamide, N,N-dibutyl- Concentration Rank 14

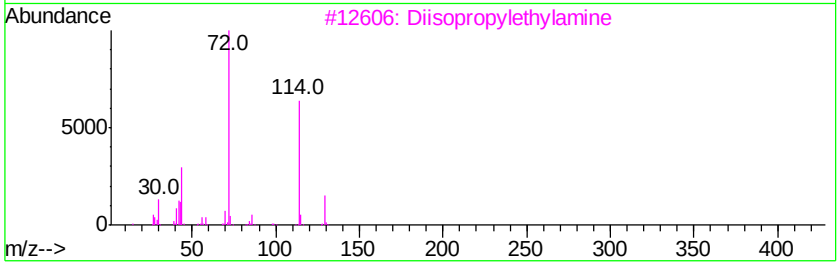
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	11.05 ng	538391	Naphthalene-d8	10.75

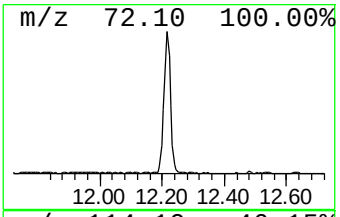
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	74
2	1,2-Ethanediamine, N,N-bis(1-met...	144	C8H20N2	000121-05-1	50
3	Diisopropylethylamine	129	C8H19N	007087-68-5	43
4	N-Isopropylethylenediamine	102	C5H14N2	019522-67-9	43
5	Dimethyl(2-octyl)amine	157	C10H23N	007378-97-4	38

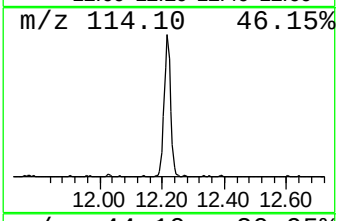


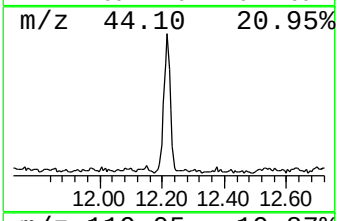


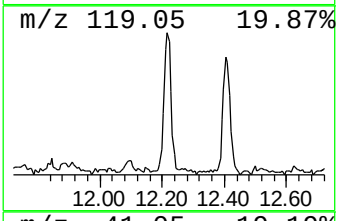


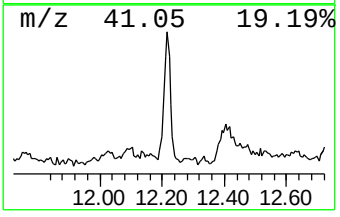












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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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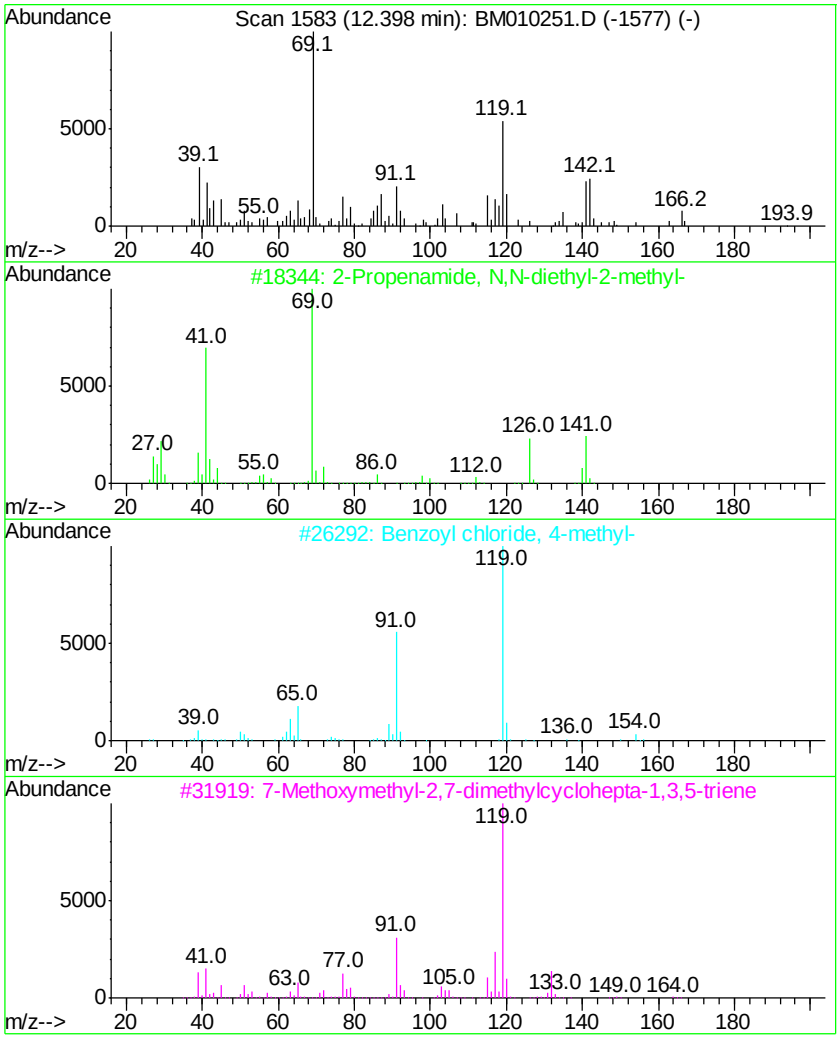
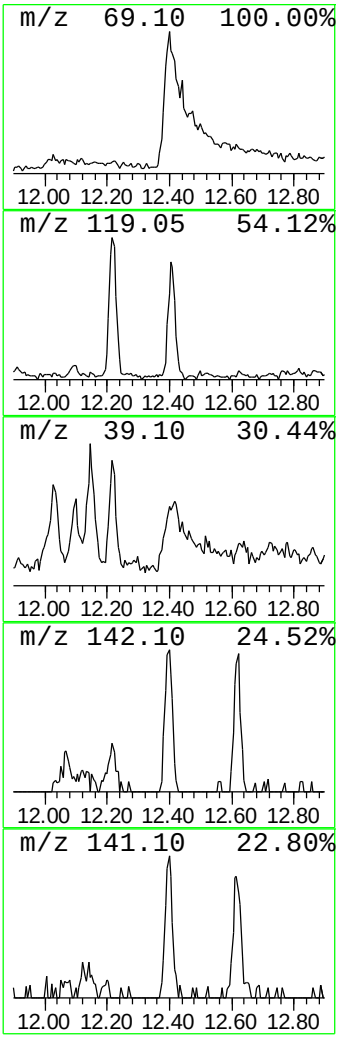
Peak Number 14 unknown12.40 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	7.79 ng	379873	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide, N,N-diethyl-2-met...	141	C8H15NO	005441-99-6	22
2	Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	18
3	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	16
4	Carbamic acid, (1,3-dithian-2-yl...	207	C7H13NO2S2	139540-22-0	14
5	Benzonitrile, 2-hydroxy-	119	C7H5NO	000611-20-1	14





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Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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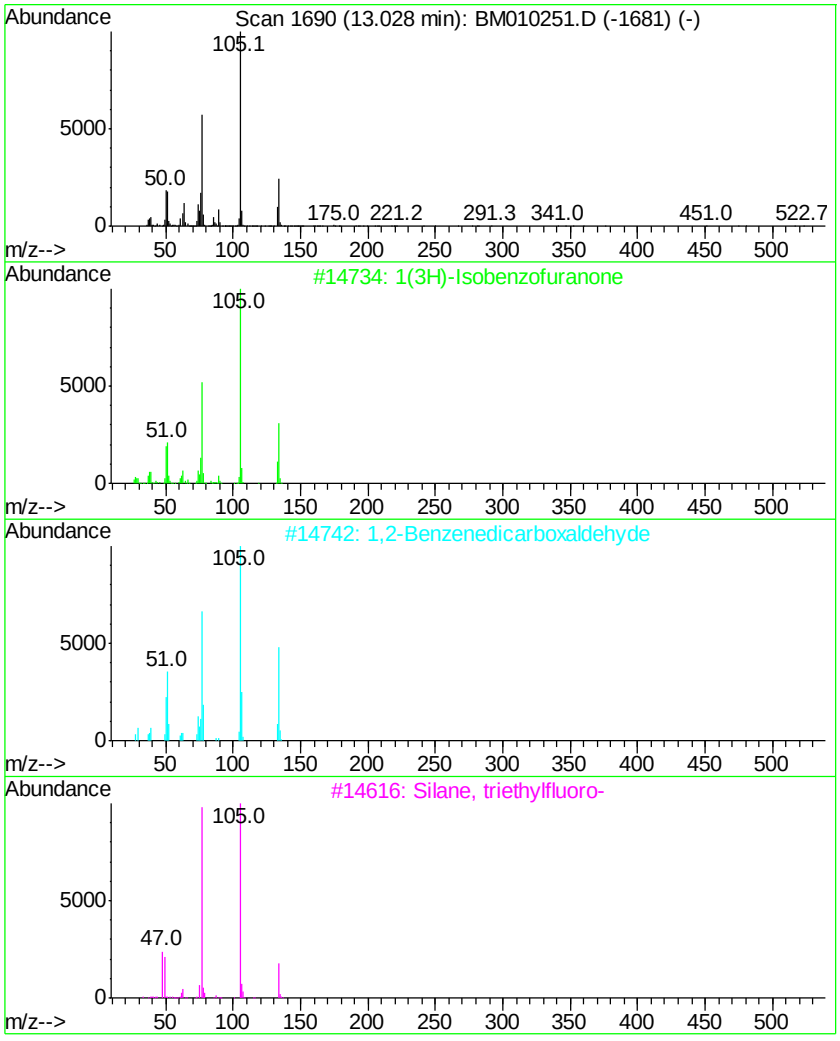
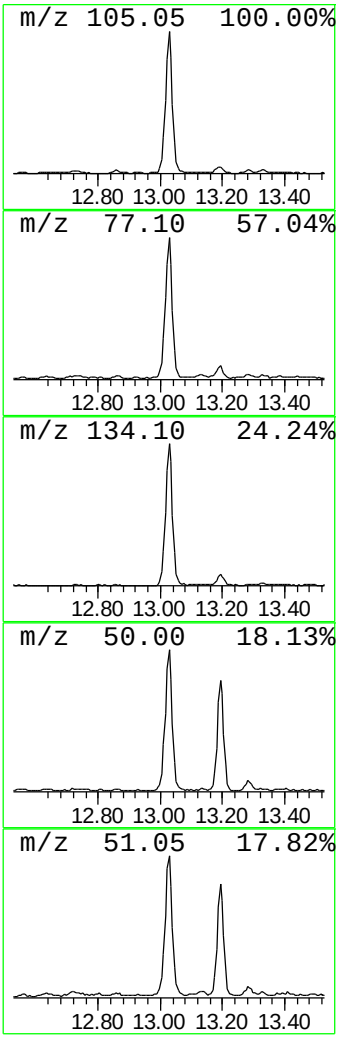
Peak Number 15 1(3H)-Isobenzofuranone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	33.94 ng	2464890	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	93
2	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	72
3	Silane, triethylfluoro-	134	C6H15FSi	000358-43-0	50
4	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5	Benzoyl chloride	140	C7H5ClO	000098-88-4	47





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ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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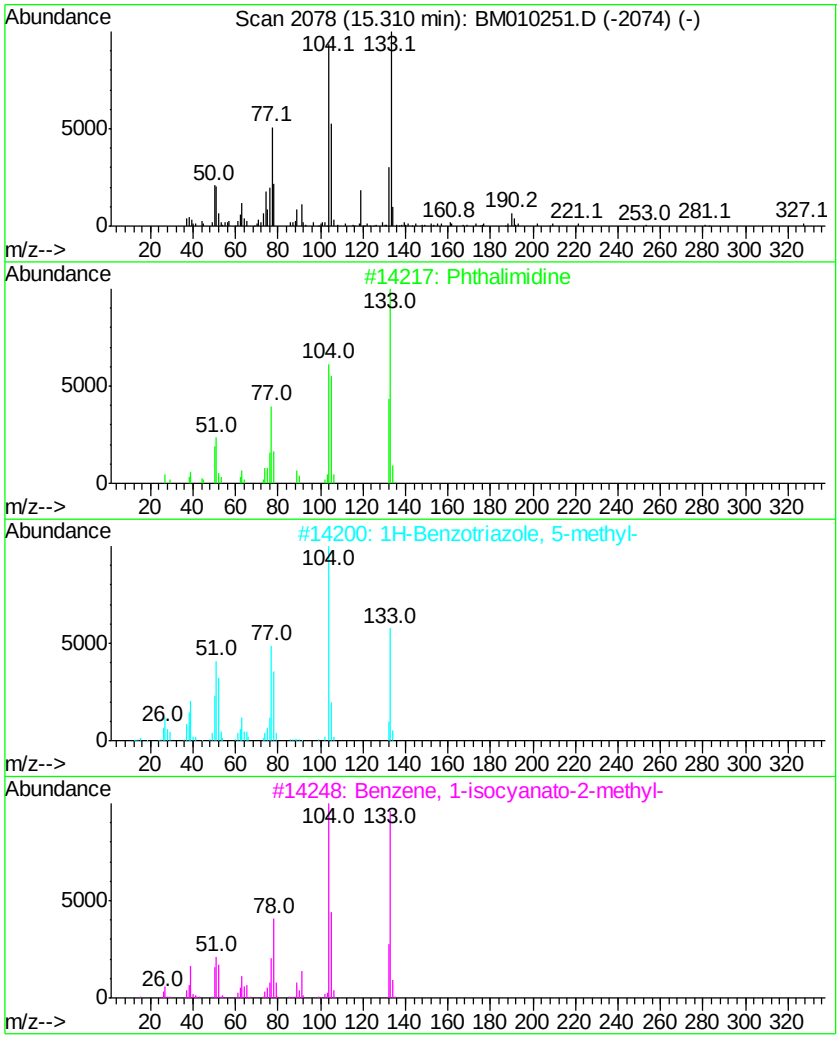
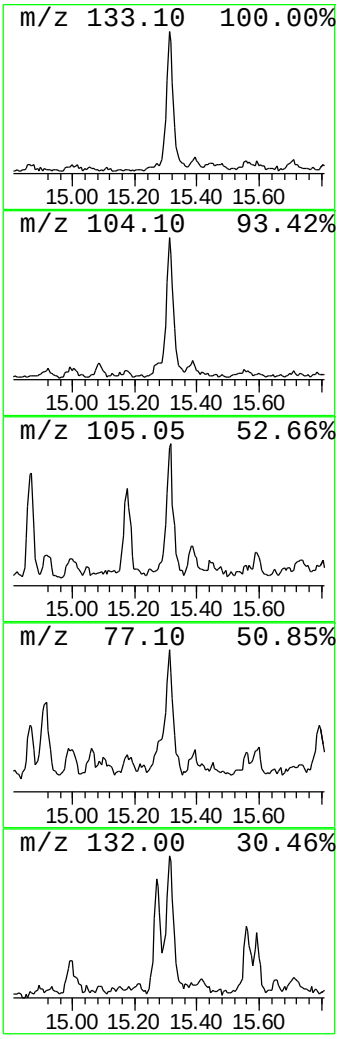
Peak Number 16 Phthalimidine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	6.44 ng	467581	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalimidine	133	C8H7NO	000480-91-1	86
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	72
3	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	62
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	52
5	3-Pyridinecarbonitrile	104	C6H4N2	000100-54-9	46





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Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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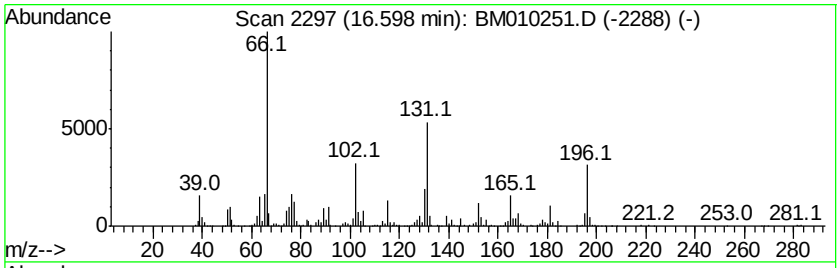
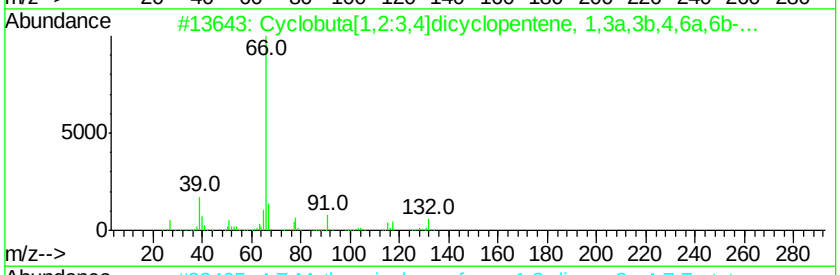
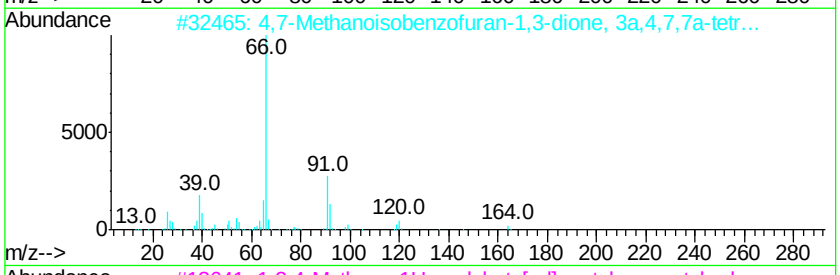
Peak Number 17 Cyclobuta[1,2:3,4]dicyclope... Concentration Rank 10

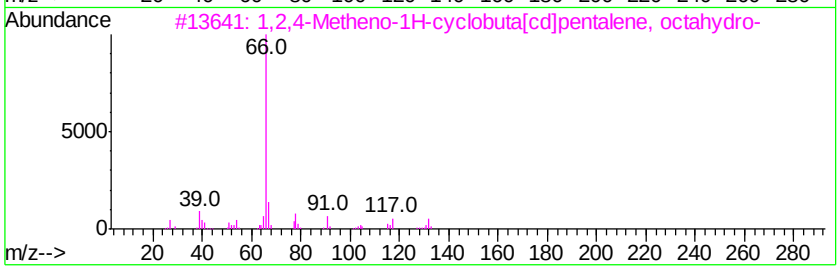
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	15.79 ng	1618410	Phenanthrene-d10	17.32

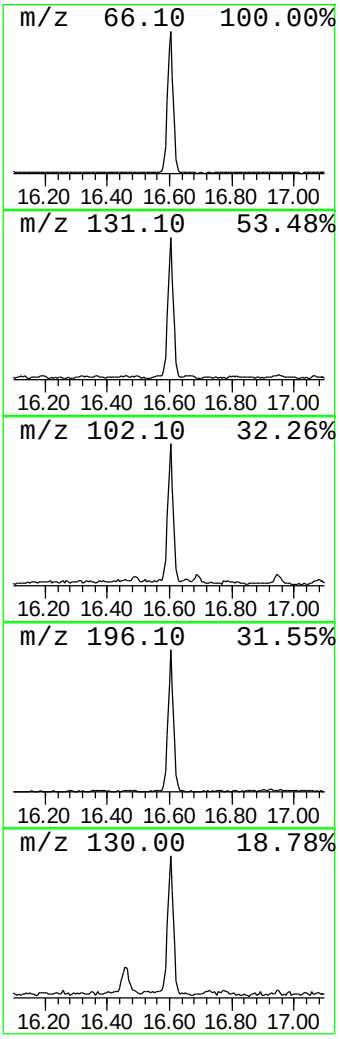
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	53
2	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	53
3	1,2,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-86-4	53
4	5-Norbornen-2-yl acetate	152	C9H12O2	006143-29-9	42
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	42











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Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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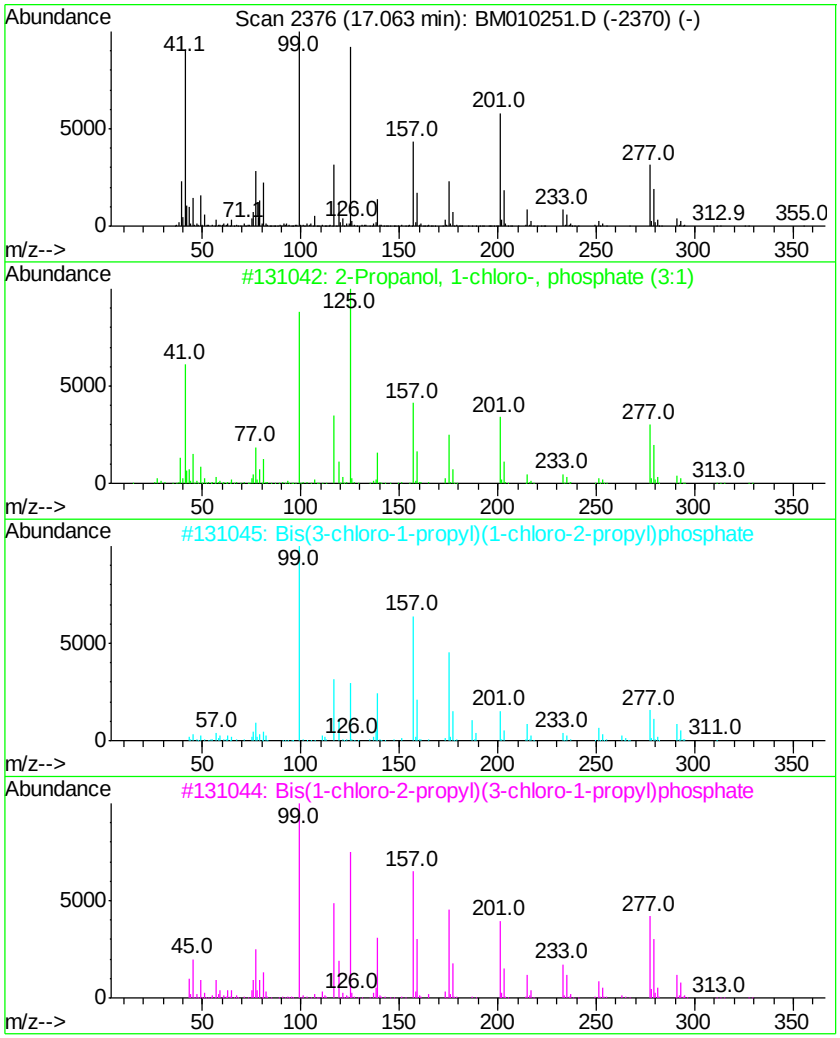
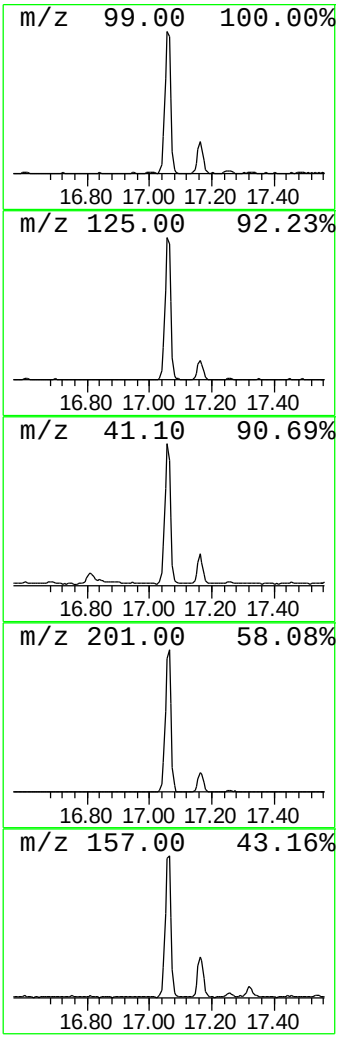
Peak Number 18 2-Propanol, 1-chloro-, phos... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	28.72 ng	2943310	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	37
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	25
4	Triisopropylphosphate	224	C9H21O4P	000513-02-0	23
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	22





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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TIC Library : C:\DATABASE\NIST02.L
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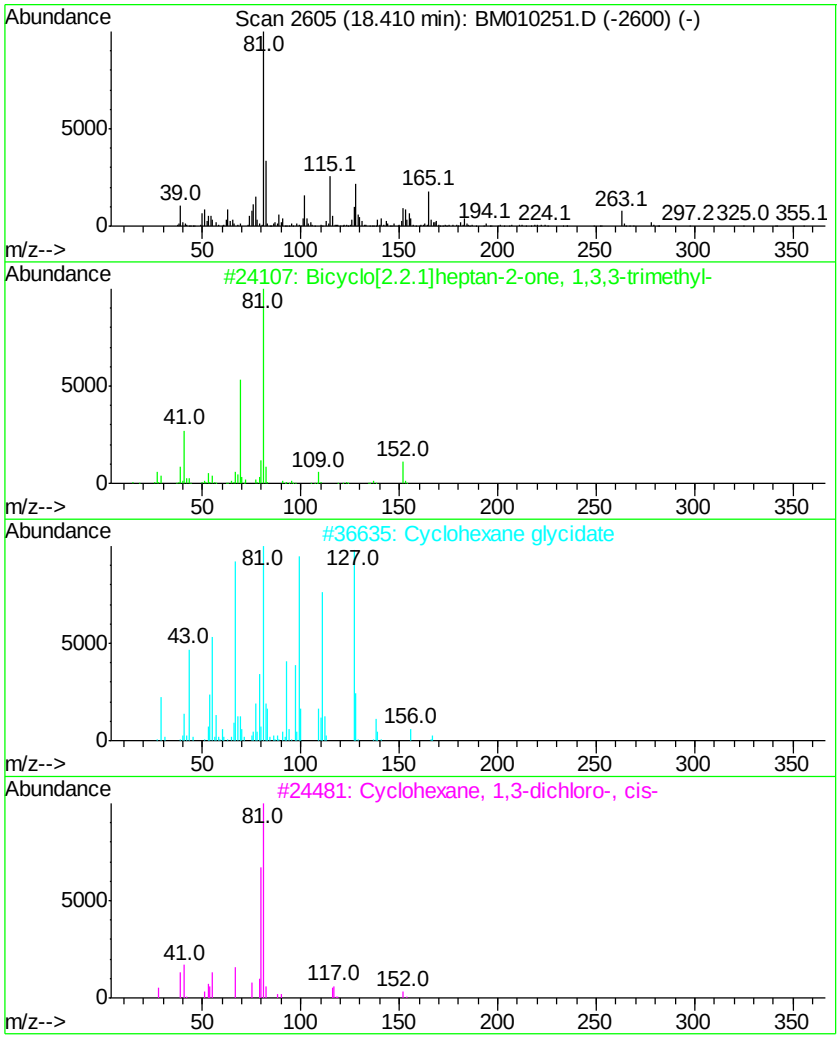
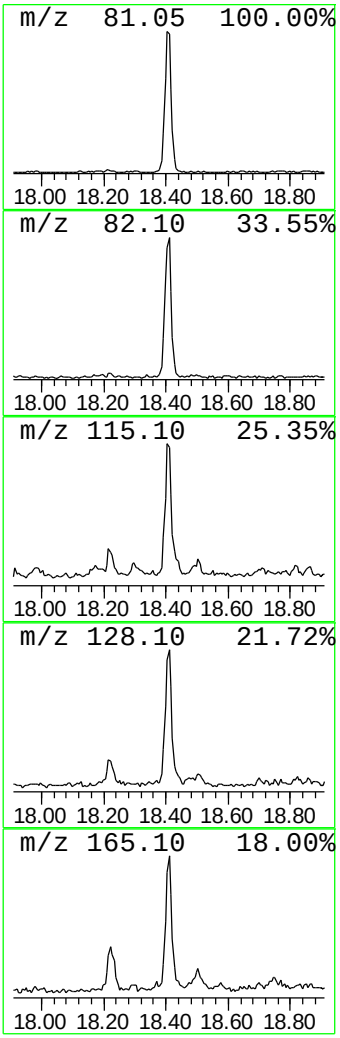
Peak Number 19 unknown18.41 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	11.14 ng	1141270	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	38
2	Cyclohexane glycidate	170	C9H14O3	208524-95-2	25
3	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	25
4	lohexane, 1-bromo-2-chloro-, cis-	398	C18H30N2O6Si	1000144-56-5	23
5	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	17





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Operator : SJ/MA
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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TIC Integration Parameters: LSCINT.P

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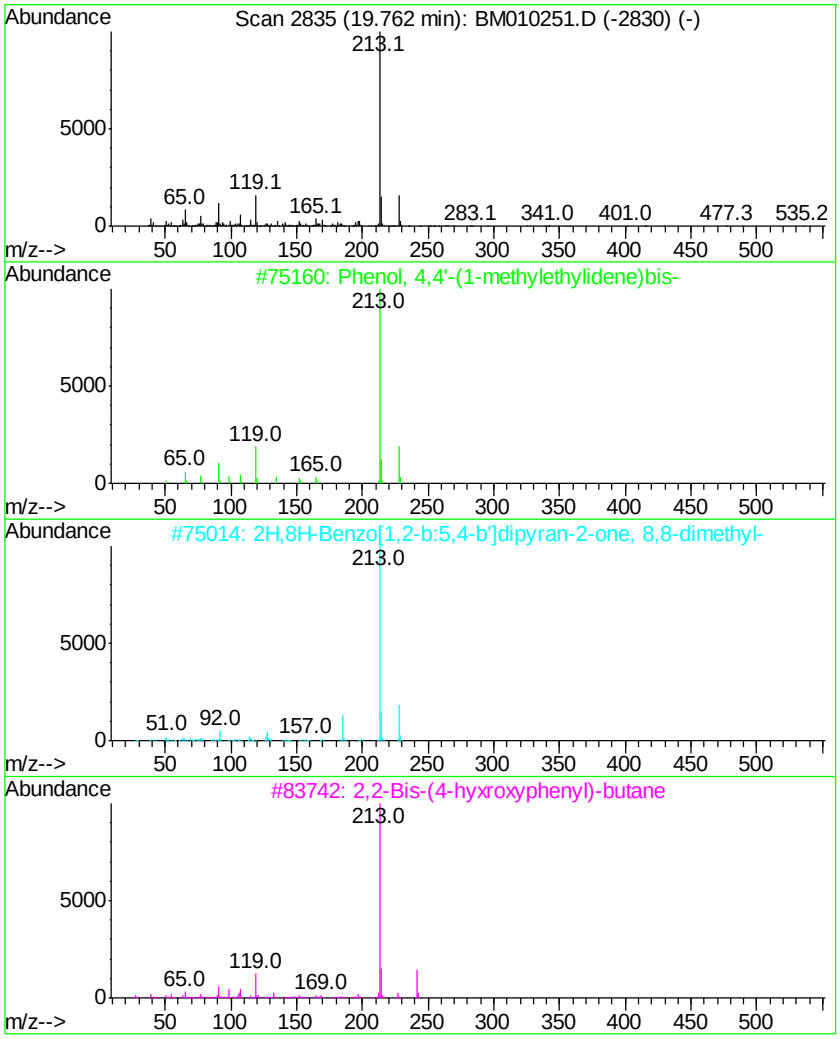
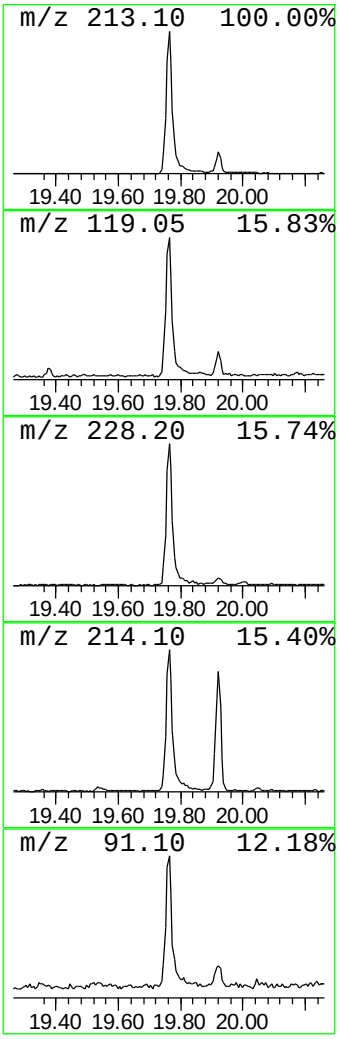
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	12.61 ng	1728140	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	68
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	56
4	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	53
5	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Thiophene, tetrah...	4.69	12.0	ng	509803	1	7.94	850186	20.0
Pyridine, 2-methyl-	4.77	6.9	ng	292491	1	7.94	850186	20.0
2-Pentanone, 4-hy...	5.06	22.1	ng	939638	1	7.94	850186	20.0
Hexylene Glycol	6.29	30.8	ng	1310760	1	7.94	850186	20.0
2-Cyclopenten-1-o...	7.07	8.5	ng	360739	1	7.94	850186	20.0
unknown7.48	7.48	76.8	ng	3263470	1	7.94	850186	20.0
Benzenemethanol, ...	8.64	6.5	ng	278162	1	7.94	850186	20.0
unknown11.05	11.05	127.6	ng	6220240	2	10.75	974872	20.0
1-Phenoxypropan-2-ol	11.49	44.2	ng	2156410	2	10.75	974872	20.0
(3Aalpha,4alpha,7...	12.10	9.1	ng	441855	2	10.75	974872	20.0
1H-Inden-1-one, 2...	12.15	24.4	ng	1189880	2	10.75	974872	20.0
Formamide, N,N-di...	12.22	11.1	ng	538391	2	10.75	974872	20.0
unknown12.40	12.40	7.8	ng	379873	2	10.75	974872	20.0
1(3H)-Isobenzofur...	13.03	33.9	ng	2464890	3	14.57	1452380	20.0
Phthalimidine	15.31	6.4	ng	467581	3	14.57	1452380	20.0
Cyclobuta[1,2:3,4...	16.60	15.8	ng	1618410	4	17.32	2049460	20.0
2-Propanol, 1-chl...	17.06	28.7	ng	2943310	4	17.32	2049460	20.0
unknown18.41	18.41	11.1	ng	1141270	4	17.32	2049460	20.0
Phenol, 4,4'-(1-m...	19.76	12.6	ng	1728140	5	21.48	2741610	20.0