LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

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-BM113017.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	6.334	548	552	560	rVB2	116613	178163	1.80%	0.296%
2	6.857	635	641	645	rBV2	142953	266183	2.68%	0.443%
3	7.016	661	668	673	rBV	113611	171446	1.73%	0.285%
4	7.210	695	701	707	rBV2	153951	247459	2.49%	0.412%
5	7.675	773	780	790	rVB	1001506	1582725	15.95%	2.632%
6	7.881	808	815	820	rBV2	71811	113953	1.15%	0.190%
7	7.934	820	824	838	rVB2	65792	153765	1.55%	0.256%
8	8.386	896	901	910	rVB	176552	313118	3.16%	0.521%
9	8.828	968	976	985	rBV	135756	239580	2.41%	0.398%
10	9.545	1092	1098	1107	rBV	116754	200566	2.02%	0.334%
11	10.086	1183	1190	1199	rBV2	181711	354442	3.57%	0.590%
12	10.451	1243	1252	1256	rBV	1347719	2385759	24.04%	3.968%
13	10.504	1256	1261	1270	rVV	6183855	9923177	100.00%	16.505%
14	10.622	1273	1281	1290	rVB	287707	553813	5.58%	0.921%
15	10.992	1338	1344	1349	rBV	102961	172318	1.74%	0.287%
16	11.051	1349	1354	1367	rVB	109006	190828	1.92%	0.317%
17	11.280	1385	1393	1406	rBV3	497227	1144079	11.53%	1.903%
18	11.569	1434	1442	1448	rBV	114708	177880	1.79%	0.296%
19	11.633	1448	1453	1460	rVB	94723	164915	1.66%	0.274%
20	12.122	1525	1536	1539	rBV4	76348	198518	2.00%	0.330%
21	12.192	1544	1548	1550	rVV3	70757	121530	1.22%	0.202%
22	12.245	1550	1557	1564	rVV	1514134	2567608	25.87%	4.271%
23	12.339	1567	1573	1584	rVV	619020	1035933	10.44%	1.723%
24	12.451	1587	1592	1598	rVV2	163110	272235	2.74%	0.453%
25	12.539	1601	1607	1613	rVB6	49555	102608	1.03%	0.171%
26	12.857	1651	1661	1668	rBV	222184	410480	4.14%	0.683%
27	13.145	1703	1710	1719	rBV3	193610	356875	3.60%	0.594%
28	13.633	1783	1793	1799	rVB3	164529	319865	3.22%	0.532%
29	13.733	1805	1810	1815	rBV	311857	457184	4.61%	0.760%
30	14.010	1850	1857	1860	rBV	390289	646577	6.52%	1.075%
31	14.316	1902	1909	1915	rBV2	1979186	3025132	30.49%	5.031%
32	14.380	1915	1920	1926	rVB	1717239	2466654	24.86%	4.103%
33	14.445	1926	1931	1936	rBV3	227083	394225	3.97%	0.656%
34	14.498	1936	1940	1941	rBV	98270	132747	1.34%	0.221%

LSC Area Percent Report

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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

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-BM113017.M
Title : SVOA CALIBRATION

35	14.545	1946	1948	1952	rVV4	82484	126166	1.27%	0.210%
36	14.586	1952	1955	1958	rVV3	110670	173375	1.75%	0.288%
37	14.633	1959	1963	1970	rVV4	195895	374097	3.77%	0.622%
38	14.715	1970	1977	1987	rVB	686983	1201225	12.11%	1.998%
39	14.810	1987	1993	1996	rBV3	91899	151115	1.52%	0.251%
40	14.933	2006	2014	2021	rBV6	115915	322956	3.25%	0.537%
41	15.204	2054	2060	2063	rBV	123935	173688	1.75%	0.289%
42	15.310	2072	2078	2083	rVB2	475573	709415	7.15%	1.180%
43	15.368	2083	2088	2094	rBV	1090117	1616742	16.29%	2.689%
44	15.451	2099	2102	2107	rBV3	75583	112075	1.13%	0.186%
45	15.527	2112	2115	2120	rVB4	76169	107406	1.08%	0.179%
46	15.810	2158	2163	2170	rVB2	55682	108088	1.09%	0.180%
47	15.874	2170	2174	2183	rVB	243965	359969	3.63%	0.599%
48	16.039	2197	2202	2211	rVB5	104559	200222	2.02%	0.333%
49	16.280	2234	2243	2250	rBV4	71700	141417	1.43%	0.235%
50	16.815	2331	2334	2339	rVV	179797	337735	3.40%	0.562%
51	16.880	2339	2345	2349	rVV2	268072	586103	5.91%	0.975%
52	16.921	2349	2352	2357	rVV2	159959	250048	2.52%	0.416%
53	16.968	2357	2360	2368	rVV3	121390	240064	2.42%	0.399%
54	17.068	2368	2377	2380	rVV2	2443289	3515596	35.43%	5.847%
55	17.109	2380	2384	2389	rVV	3072717	4128224	41.60%	6.866%
56	17.162	2389	2393	2397	rVV	544355	852468	8.59%	1.418%
57	17.198	2397	2399	2405	rVB	251720	299164	3.01%	0.498%
58	17.286	2405	2414	2418	rBV7	50669	125240	1.26%	0.208%
59	17.474	2441	2446	2452	rVB	1504042	2099367	21.16%	3.492%
60	17.580	2461	2464	2471	rVB6	106391	209838	2.11%	0.349%
61	17.639	2471	2474	2483	rVB4	100390	168968	1.70%	0.281%
62	17.939	2522	2525	2529	rVV	103886	157087	1.58%	0.261%
63	17.992	2529	2534	2542	rVB	295338	441767	4.45%	0.735%
64	18.068	2542	2547	2553	rBV3	84158	141345	1.42%	0.235%
65	18.139	2553	2559	2564	rBV2	215057	355282	3.58%	0.591%
66	18.656	2639	2647	2648	rBV3	77856	160439	1.62%	0.267%
67	18.698	2650	2654	2657	rVV4	118979	212757	2.14%	0.354%
68	18.739	2657	2661	2665	rVV2	129891	247794	2.50%	0.412%
69	18.786	2665	2669	2674	rVB3	96085	157958	1.59%	0.263%
70	19.133	2720	2728	2733	rBV	457161	729117	7.35%	1.213%
71	19.186	2734	2737	2740	rBV4	92774	121069	1.22%	0.201%

LSC Area Percent Report

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Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

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-BM113017.M
Title : SVOA CALIBRATION

72	19.462	2779	2784	2788	rBV2	610982	960276	9.68%	1.597%
73	19.492	2788	2789	2798	rVB2	275907	296595	2.99%	0.493%
74	20.092	2887	2891	2895	rBV4	115870	206908	2.09%	0.344%
75	20.145	2895	2900	2902	rBV2	131431	224887	2.27%	0.374%
76	20.221	2910	2913	2916	rVB	105422	121111	1.22%	0.201%
77	21.256	3084	3089	3094	rBV	2193428	2849308	28.71%	4.739%
78	21.386	3107	3111	3114	rBV3	85602	161195	1.62%	0.268%
79	23.338	3438	3443	3455	rVB4	261804	617480	6.22%	1.027%
80	23.480	3460	3467	3475	rBV	1154008	2228455	22.46%	3.706%

Sum of corrected areas: 60123941

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Instrument : BNA_M
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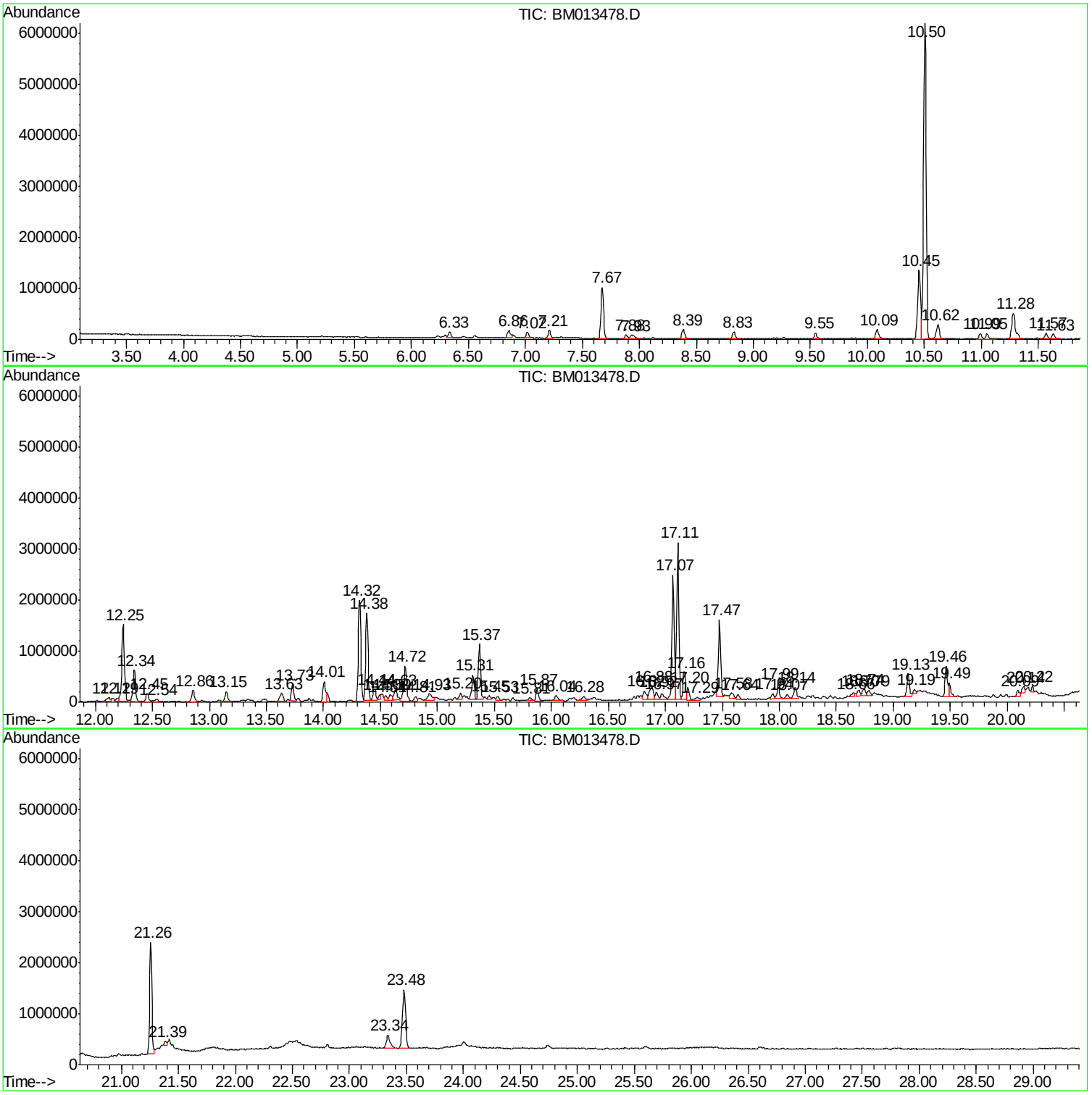
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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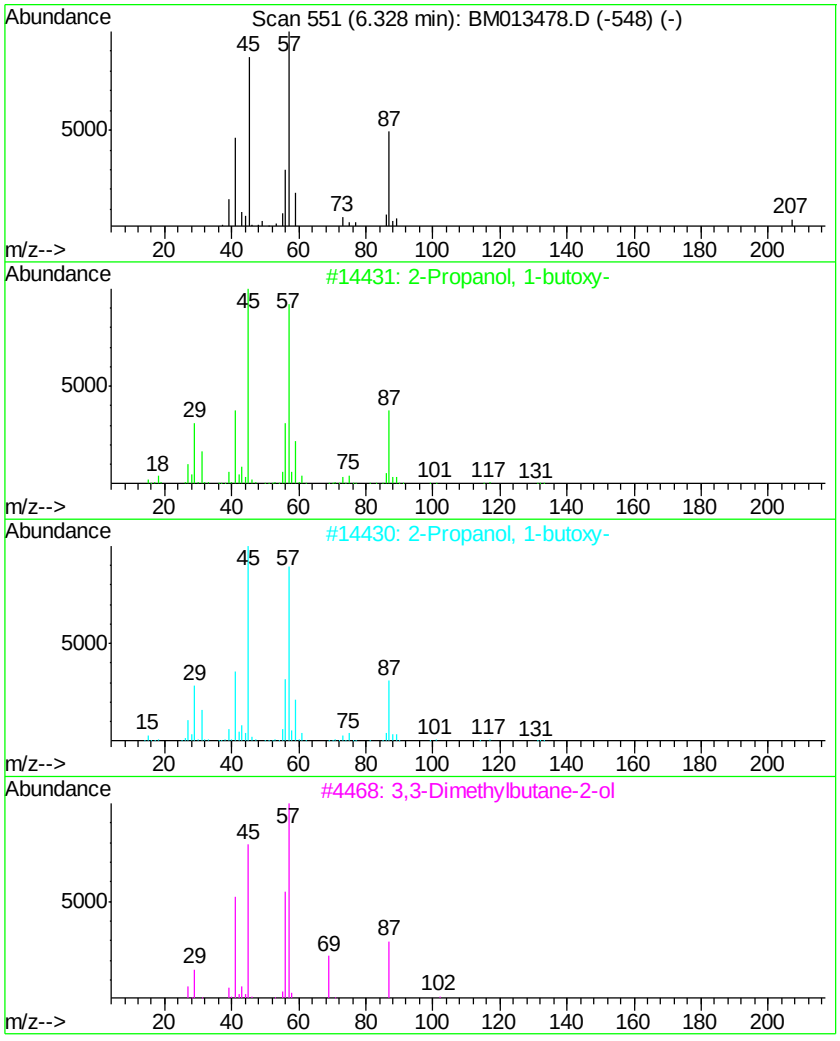
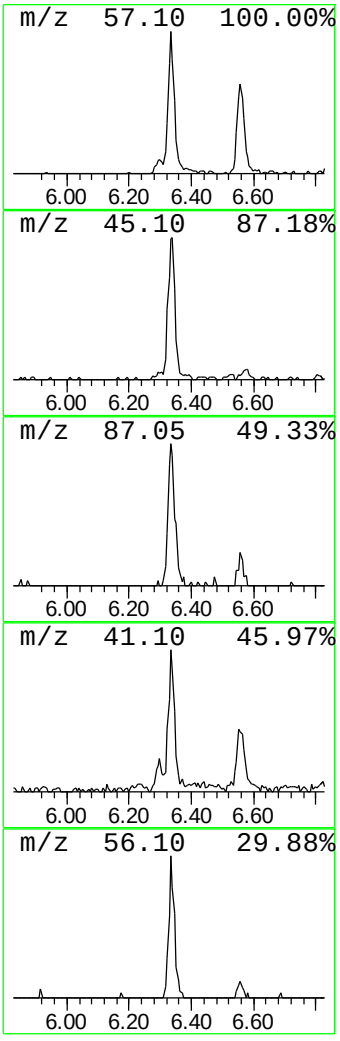
Peak Number 1 2-Propanol, 1-butoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	2.25 ng/ul	178163	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	72
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
5	4-Octanone, 5-hydroxy-3,6-dimethyl-	172	C10H20O2	062759-47-1	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
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Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

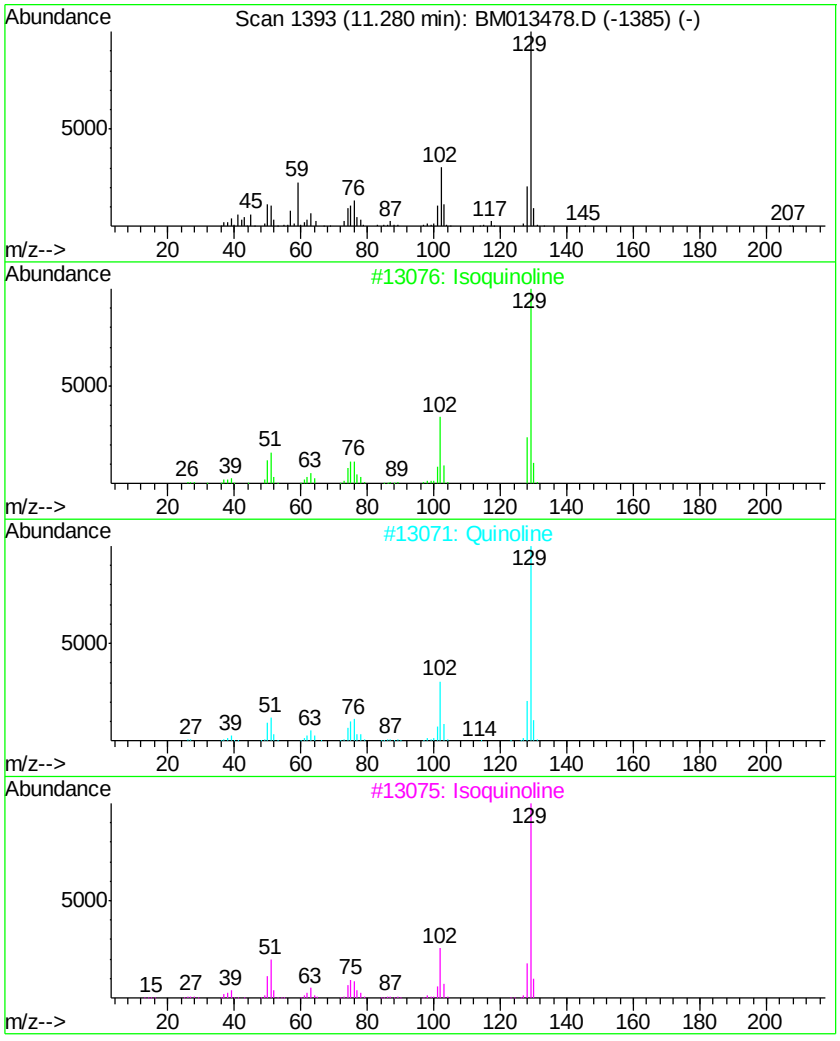
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

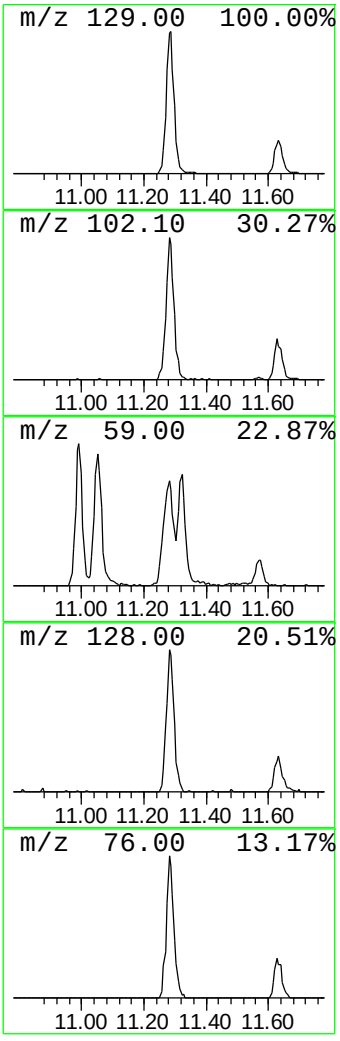
****

Peak Number 2 Isoquinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	9.59 ng/ul	1144080	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	96
2	Quinoline	129	C9H7N	000091-22-5	96
3	Isoquinoline	129	C9H7N	000119-65-3	93
4	Quinoline	129	C9H7N	000091-22-5	93
5	Isoquinoline	129	C9H7N	000119-65-3	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

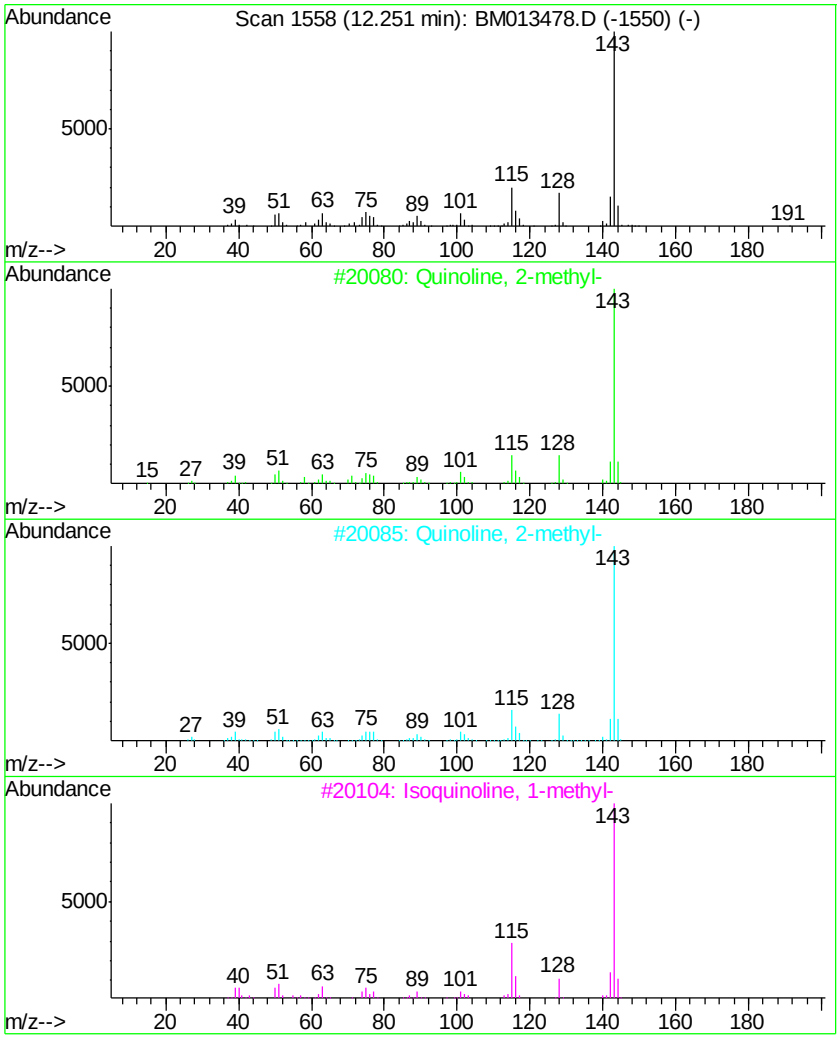
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

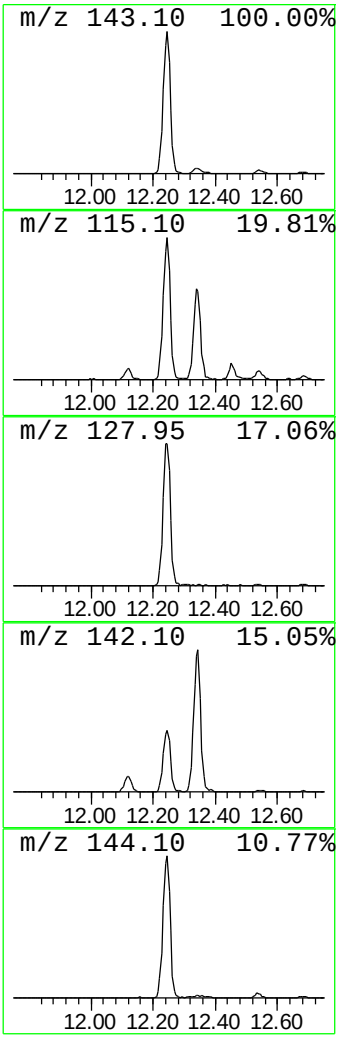
****

Peak Number 3 Quinoline, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	21.52 ng/ul	2567610	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	94
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	91
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
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Acq On : 16 Dec 2017 15:59
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Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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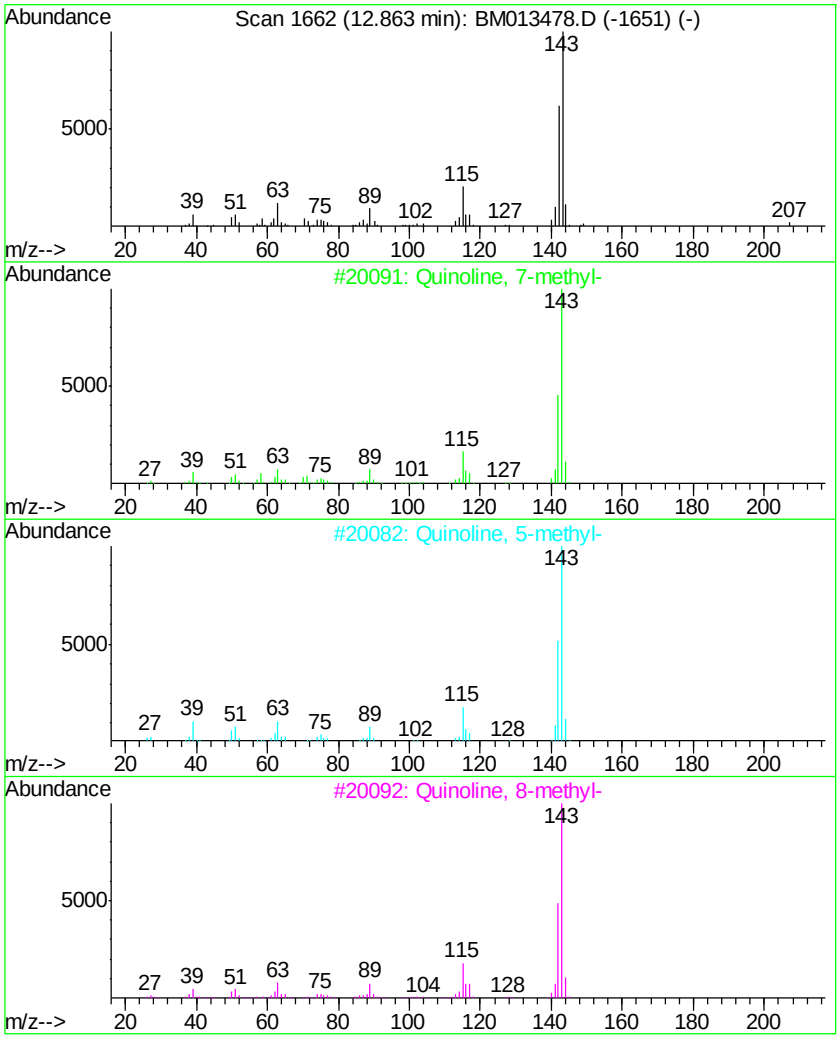
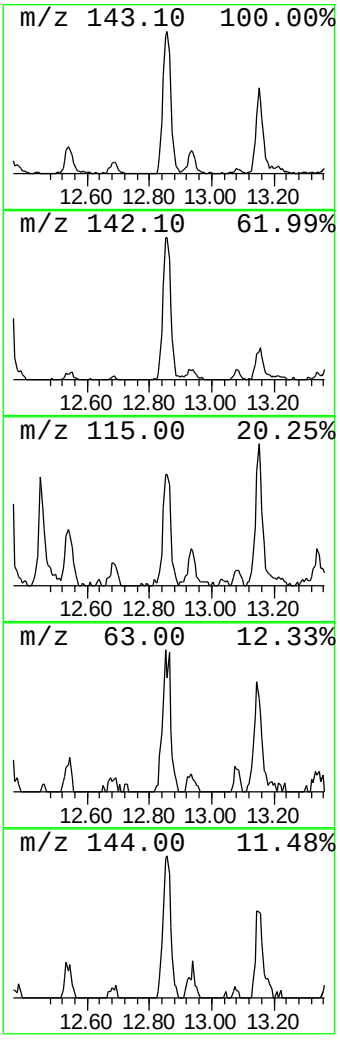
Peak Number 5 Quinoline, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.71 ng/ul	410480	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	97
2	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	95
3	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	94
4	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	94
5	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	94





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Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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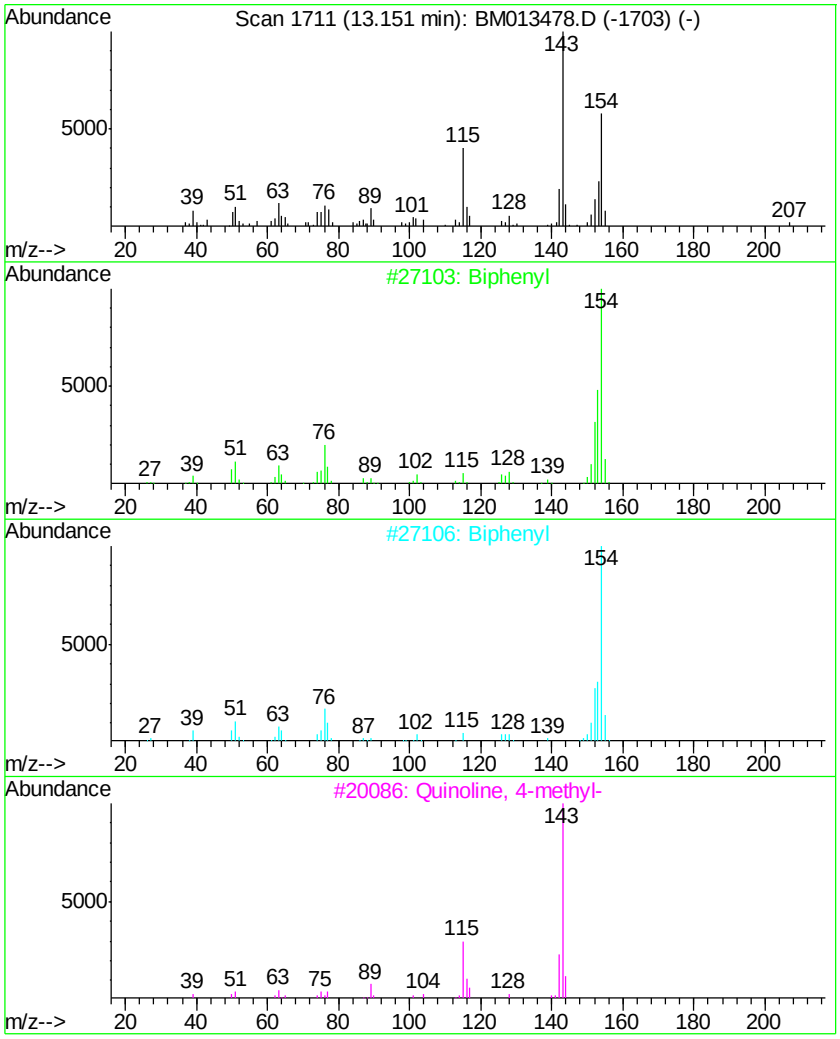
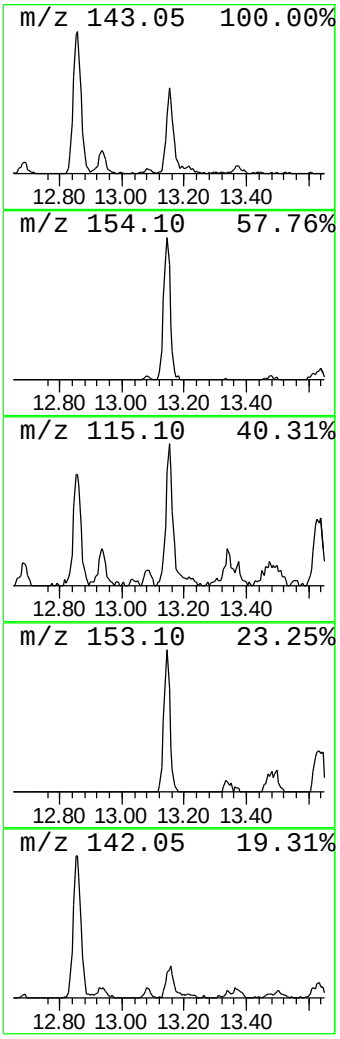
Peak Number 6 Biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.36 ng/ul	356875	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	86
2	Biphenyl	154	C12H10	000092-52-4	74
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	46
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	46
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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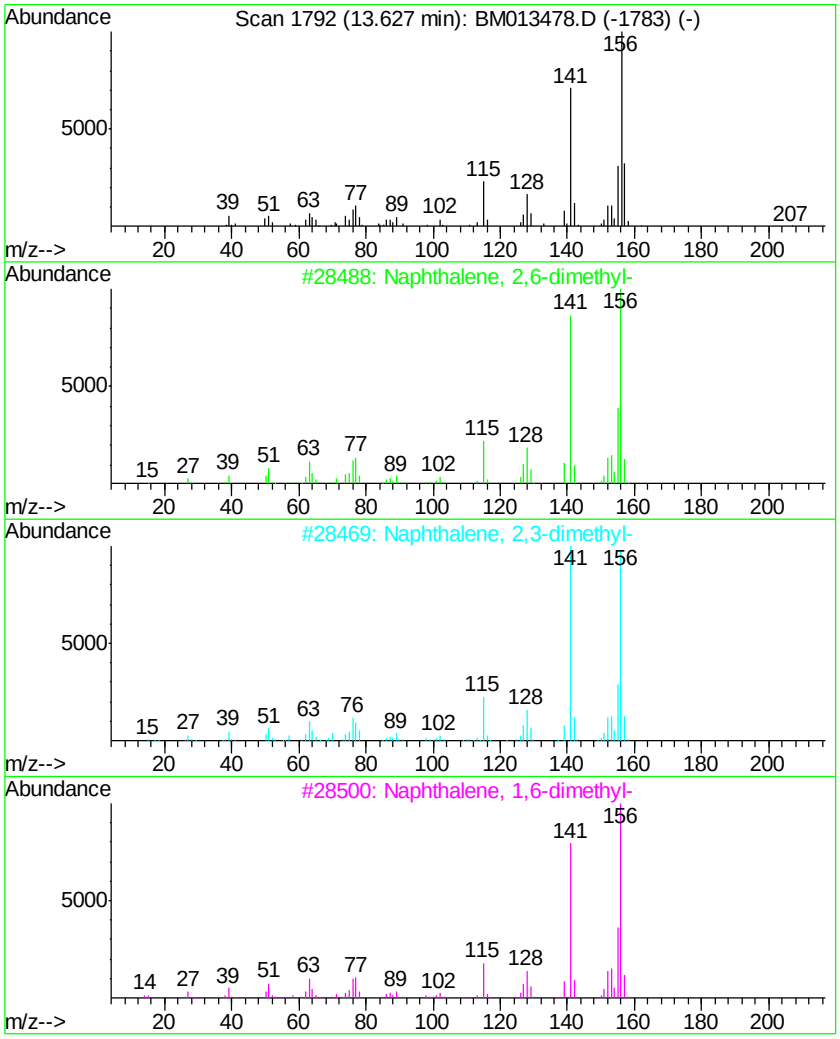
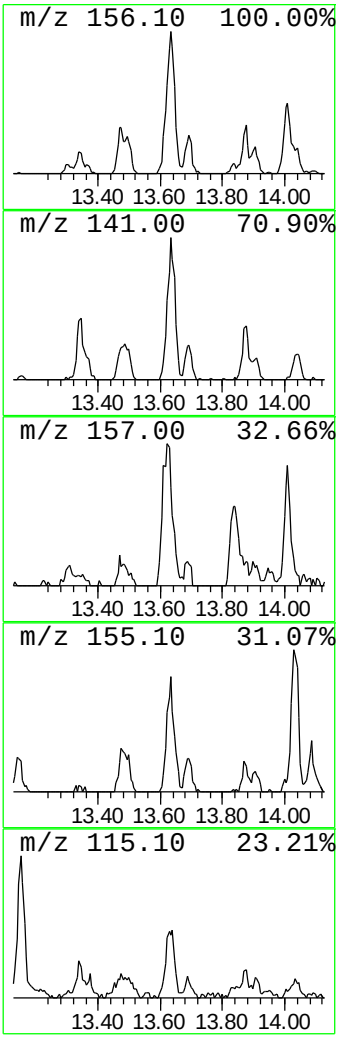
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.11 ng/ul	319865	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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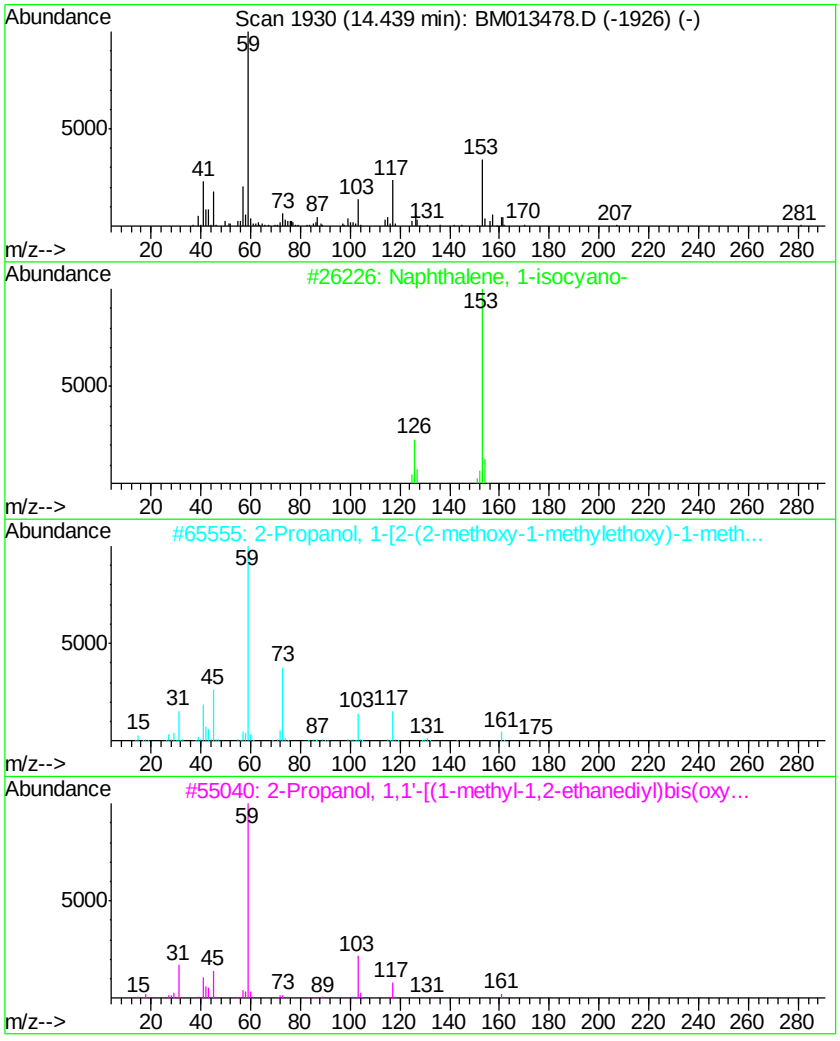
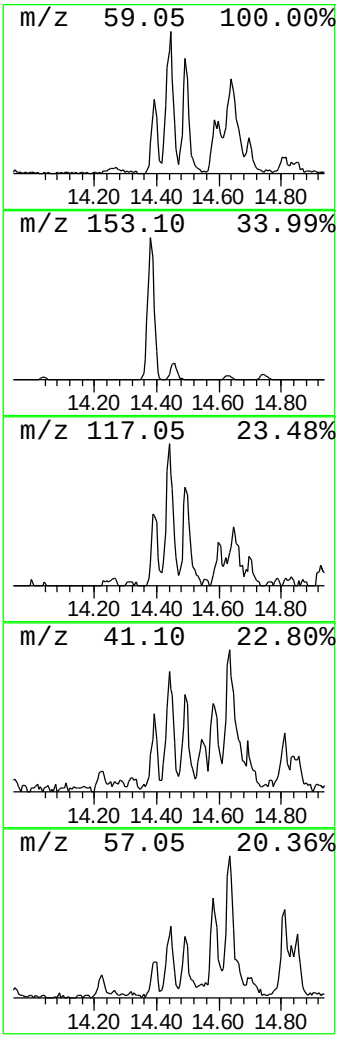
Peak Number 8 Naphthalene, 1-isocyano- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.61 ng/ul	394225	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	64
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	37
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	37
4	Tetraglyme	222	C10H22O5	000143-24-8	35
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	35





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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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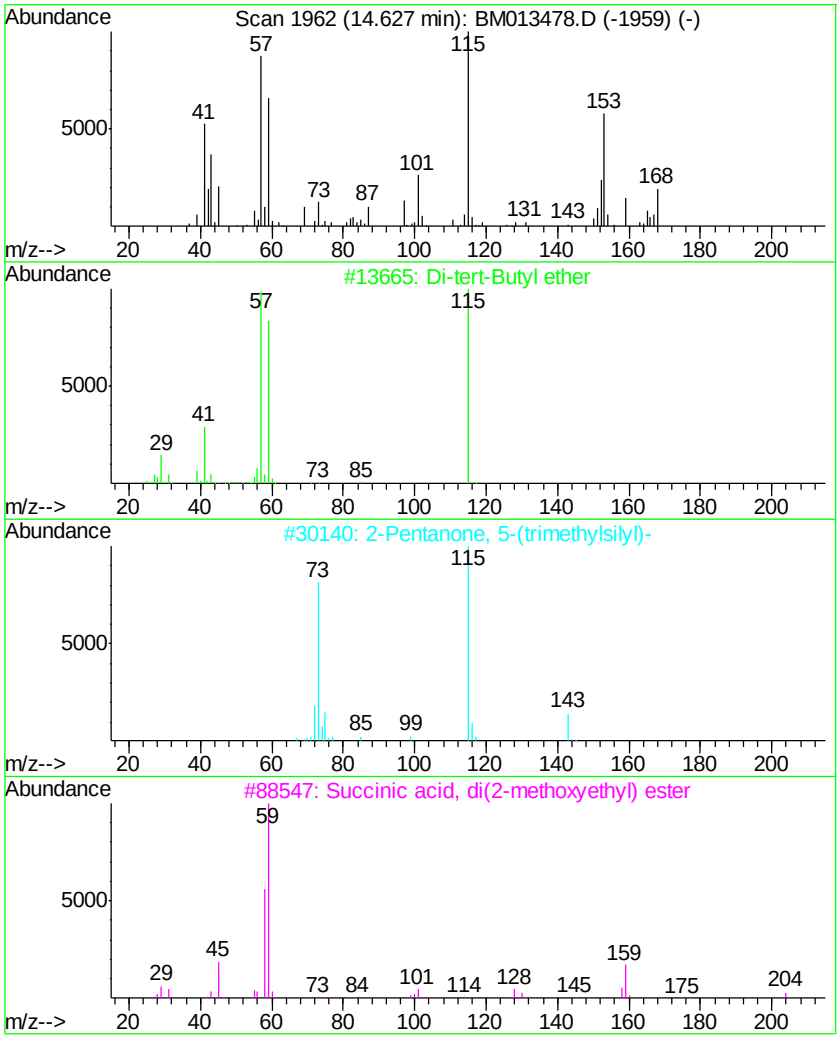
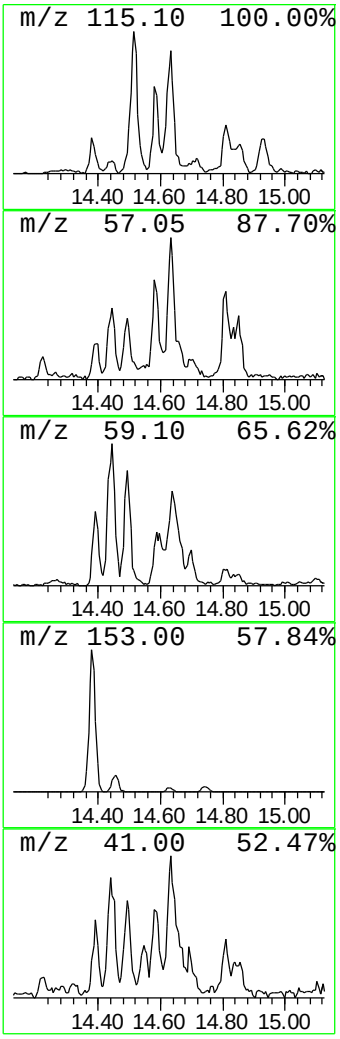
Peak Number 9 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.47 ng/ul	374097	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-tert-Butyl ether	130	C8H18O	006163-66-2	43
2	2-Pentanone, 5-(trimethylsilyl)-	158	C8H18OSi	017012-93-0	35
3	Succinic acid, di(2-methoxyethyl...	234	C10H18O6	1000325-81-8	22
4	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	18
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	16





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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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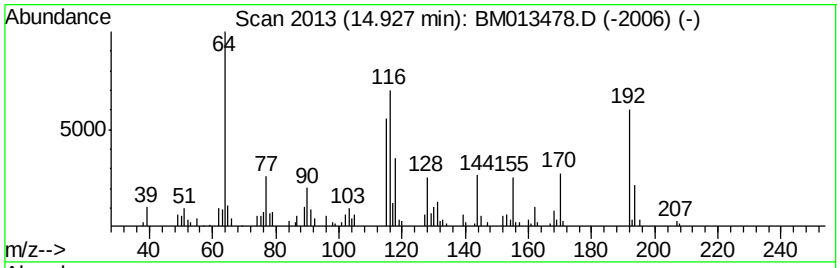
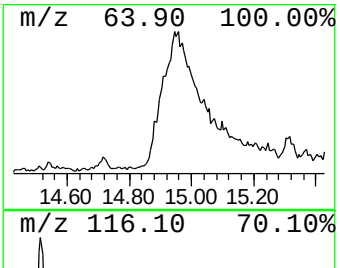
Peak Number 10 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.14 ng/ul	322956	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	43
2	Hexathiane	192	S6	013798-23-7	40
3	Hexathiane	192	S6	013798-23-7	40
4	Thiosulfuric acid, S-[2-(2-hydro...	289	C11H15NO4S2	062209-43-2	28
5	Tetrazolo[1,5-b]pyridazine, 6-ch...	155	C4H2ClN5	021413-15-0	25





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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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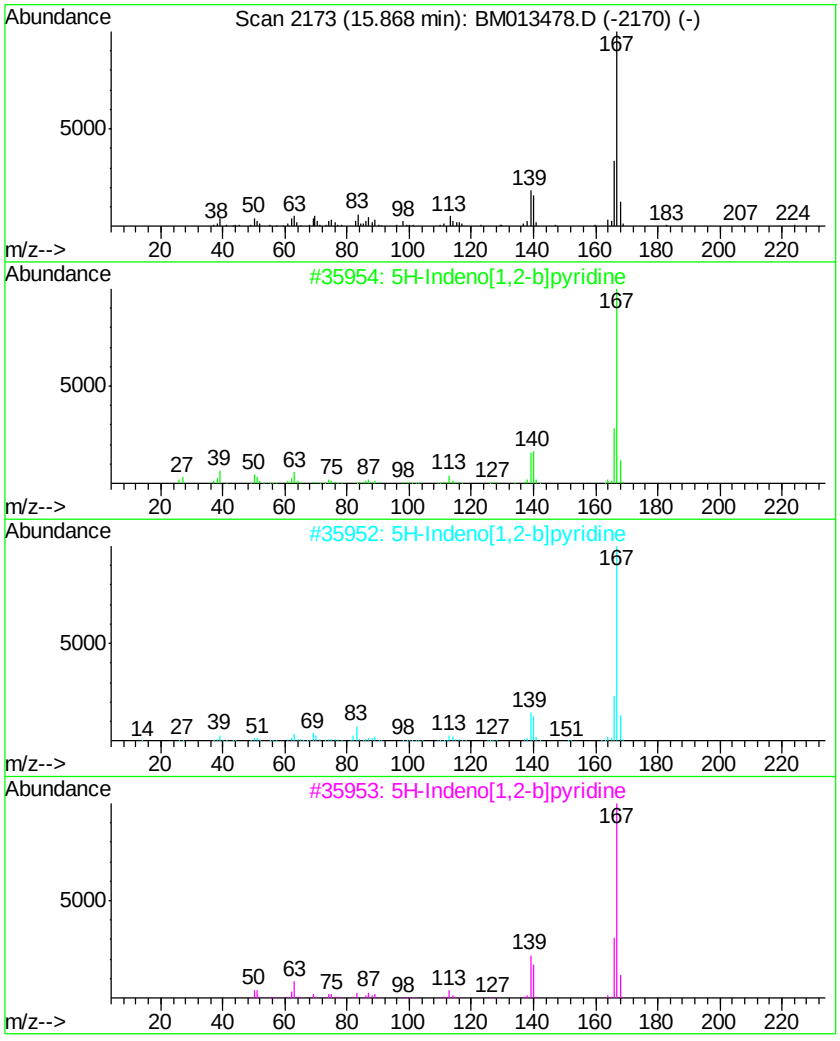
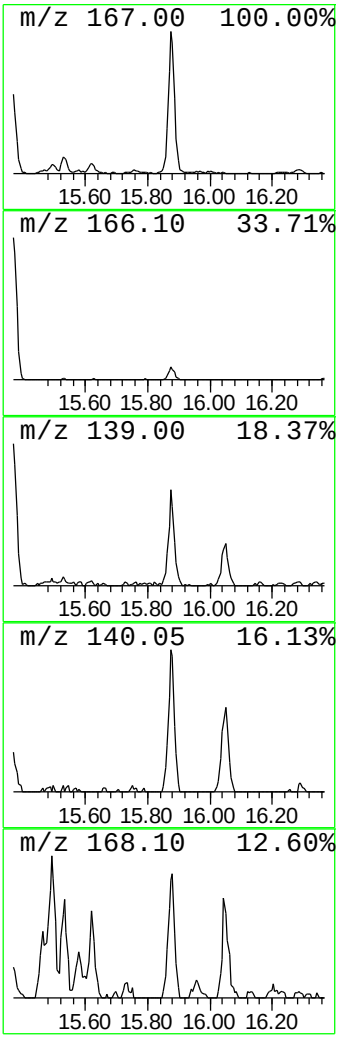
Peak Number 11 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.05 ng/ul	359969	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	90
5	Carbazole	167	C12H9N	000086-74-8	87





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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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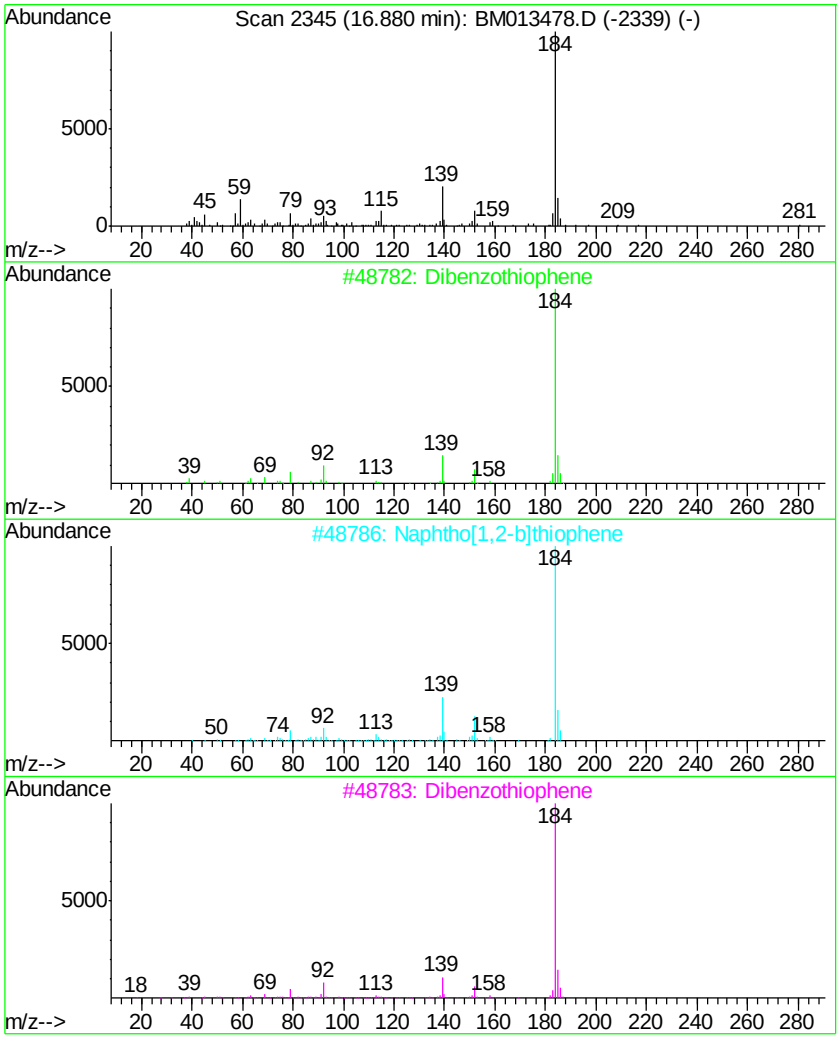
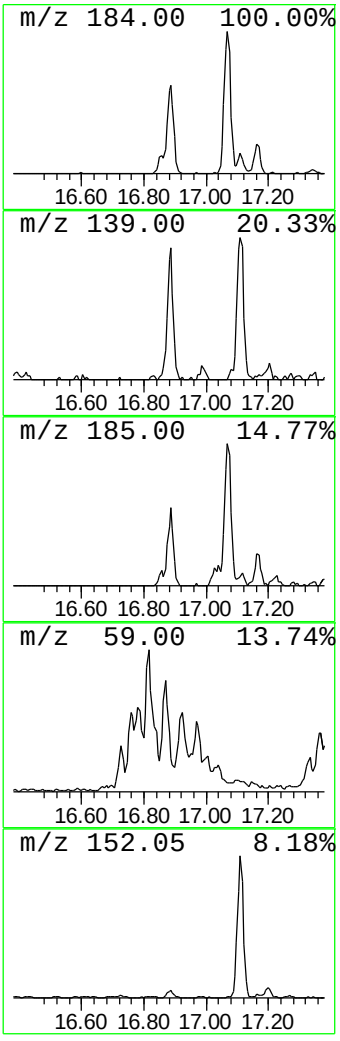
Peak Number 12 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.33 ng/ul	586103	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





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Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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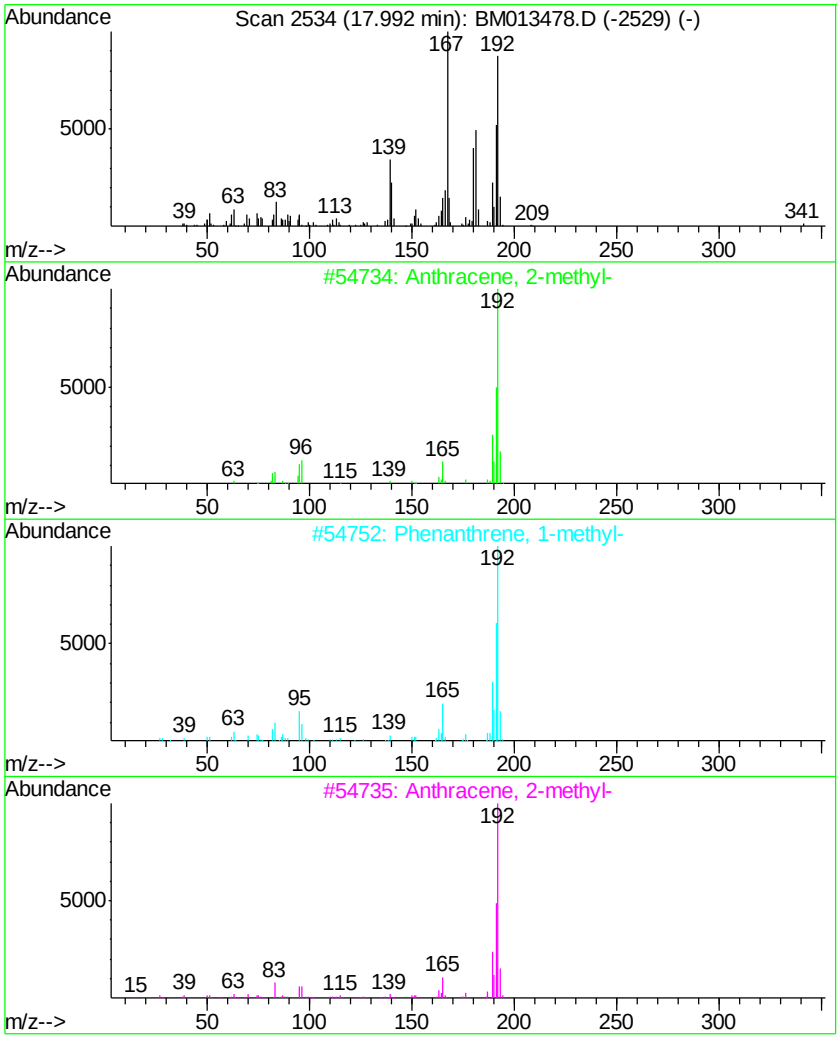
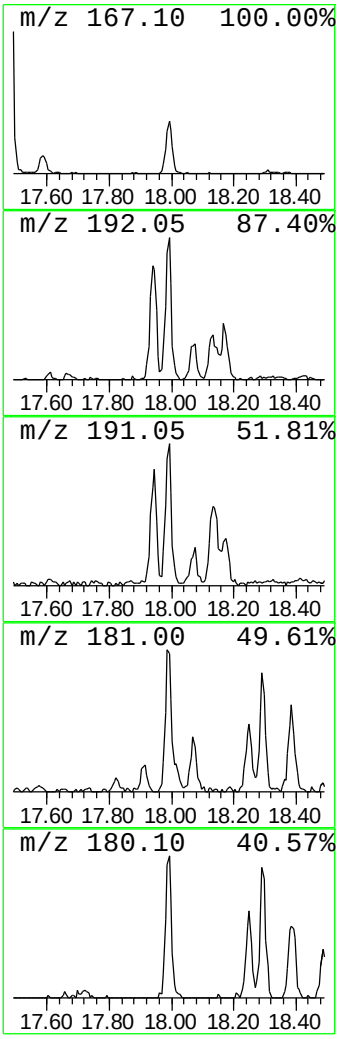
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.51 ng/ul	441767	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	56
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	51
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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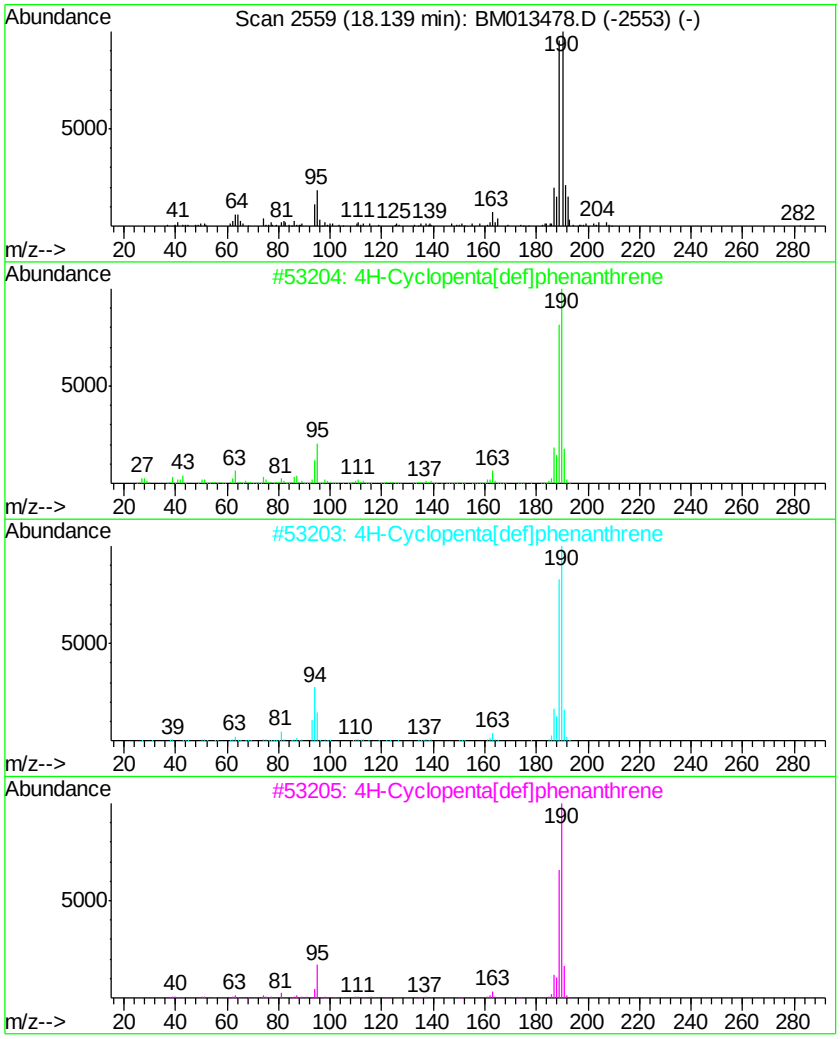
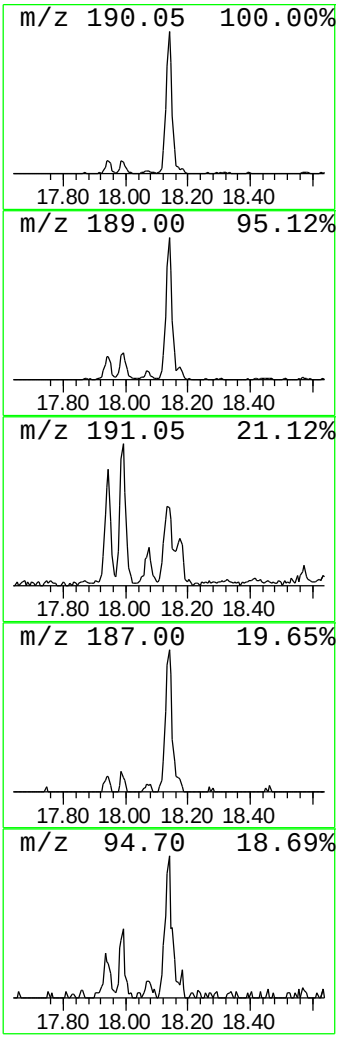
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.02 ng/ul	355282	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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-Propanol, 1-but...	6.33	2.3	ng/ul	178163	1	7.67	1582730	20.0
Isoquinoline	11.28	9.6	ng/ul	1144080	2	10.45	2385760	20.0
Quinoline, 2-methyl-	12.25	21.5	ng/ul	2567610	2	10.45	2385760	20.0
Quinoline, 7-methyl-	12.86	2.7	ng/ul	410480	3	14.32	3025130	20.0
Biphenyl	13.15	2.4	ng/ul	356875	3	14.32	3025130	20.0
Naphthalene, 2,6-...	13.63	2.1	ng/ul	319865	3	14.32	3025130	20.0
Naphthalene, 1-is...	14.44	2.6	ng/ul	394225	3	14.32	3025130	20.0
unknown-01	14.63	2.5	ng/ul	374097	3	14.32	3025130	20.0
unknown-02	14.93	2.1	ng/ul	322956	3	14.32	3025130	20.0
5H-Indeno[1,2-b]p...	15.87	2.0	ng/ul	359969	4	17.07	3515600	20.0
Dibenzothiophene	16.88	3.3	ng/ul	586103	4	17.07	3515600	20.0
Anthracene, 2-met...	17.99	2.5	ng/ul	441767	4	17.07	3515600	20.0
4H-Cyclopenta[def...	18.14	2.0	ng/ul	355282	4	17.07	3515600	20.0