LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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	7.669	772	779	788	rBV	608685	1020267	21.40%	2.458%
2	8.039	836	842	847	rBV3	43020	75668	1.59%	0.182%
3	8.204	865	870	880	rVB2	63195	107900	2.26%	0.260%
4	9.851	1144	1150	1155	rBV7	29963	60598	1.27%	0.146%
5	10.451	1244	1252	1255	rBV	889778	1518487	31.85%	3.658%
6	10.498	1255	1260	1268	rVB	2377407	3933668	82.50%	9.476%
7	10.616	1274	1280	1287	rBV	88368	160775	3.37%	0.387%
8	12.116	1526	1535	1544	rBV	823249	1306684	27.40%	3.148%
9	12.339	1564	1573	1584	rVB	414596	702276	14.73%	1.692%
10	13.139	1704	1709	1716	rBV	208511	332686	6.98%	0.801%
11	13.339	1737	1743	1754	rVB	88862	169134	3.55%	0.407%
12	13.474	1759	1766	1767	rBV2	141199	206366	4.33%	0.497%
13	13.633	1786	1793	1798	rBV3	220311	389718	8.17%	0.939%
14	13.686	1798	1802	1807	rVV	142715	199324	4.18%	0.480%
15	13.868	1826	1833	1837	rBV3	104112	172953	3.63%	0.417%
16	14.004	1849	1856	1858	rVV2	38604	58563	1.23%	0.141%
17	14.033	1858	1861	1868	rVB	117751	181142	3.80%	0.436%
18	14.315	1899	1909	1915	rBV2	1317880	2180934	45.74%	5.254%
19	14.380	1915	1920	1928	rVV	961386	1496426	31.38%	3.605%
20	14.451	1928	1932	1939	rVB3	31133	54936	1.15%	0.132%
21	14.521	1939	1944	1953	rVB5	43334	106035	2.22%	0.255%
22	14.627	1953	1962	1966	rBV4	51609	98804	2.07%	0.238%
23	14.715	1966	1977	1985	rBV	760443	1136867	23.84%	2.739%
24	14.792	1985	1990	1995	rVB3	60620	86197	1.81%	0.208%
25	14.933	2007	2014	2020	rBV3	54217	104490	2.19%	0.252%
26	14.986	2020	2023	2032	rVB2	57864	88039	1.85%	0.212%
27	15.110	2036	2044	2047	rBV3	46219	91160	1.91%	0.220%
28	15.180	2053	2056	2063	rVB6	26116	47915	1.00%	0.115%
29	15.310	2071	2078	2082	rVV5	68294	140856	2.95%	0.339%
30	15.368	2082	2088	2099	rVV	1099775	1637066	34.33%	3.944%
31	15.462	2099	2104	2106	rVV4	48377	78423	1.64%	0.189%
32	15.492	2106	2109	2112	rVV2	86113	125770	2.64%	0.303%
33	15.527	2112	2115	2120	rVV3	145077	219803	4.61%	0.530%
34	15.574	2120	2123	2127	rVV4	56568	89728	1.88%	0.216%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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	15.615	2127	2130	2133	rVV2	68947	103979	2.18%	0.250%
36	15.662	2133	2138	2147	rVB2	178296	269244	5.65%	0.649%
37	15.809	2154	2163	2171	rBV2	165613	387642	8.13%	0.934%
38	15.898	2171	2178	2185	rVB6	40498	92443	1.94%	0.223%
39	16.033	2195	2201	2209	rVB7	61374	153706	3.22%	0.370%
40	16.162	2215	2223	2230	rBV4	74183	128437	2.69%	0.309%
41	16.374	2247	2259	2263	rBV2	135979	310343	6.51%	0.748%
42	16.421	2263	2267	2272	rVB3	58636	84366	1.77%	0.203%
43	16.521	2278	2284	2289	rVB4	51857	94956	1.99%	0.229%
44	16.604	2295	2298	2301	rVV3	40364	55217	1.16%	0.133%
45	16.639	2301	2304	2307	rVB4	43695	62393	1.31%	0.150%
46	16.880	2340	2345	2355	rVB	250754	418872	8.78%	1.009%
47	17.062	2369	2376	2380	rBV	1619519	2470429	51.81%	5.951%
48	17.109	2380	2384	2390	rVV	3440136	4768240	100.00%	11.487%
49	17.162	2390	2393	2395	rVV2	79223	114238	2.40%	0.275%
50	17.198	2395	2399	2404	rVV	461697	652914	13.69%	1.573%
51	17.262	2404	2410	2415	rVB3	66019	126764	2.66%	0.305%
52	17.474	2440	2446	2452	rBV	205271	319156	6.69%	0.769%
53	17.586	2459	2465	2468	rBV3	40937	66235	1.39%	0.160%
54	17.645	2471	2475	2485	rVB2	37291	75359	1.58%	0.182%
55	17.792	2495	2500	2503	rBV2	30259	55977	1.17%	0.135%
56	17.939	2520	2525	2529	rBV	232027	327733	6.87%	0.790%
57	17.986	2529	2533	2541	rVB	305173	445152	9.34%	1.072%
58	18.068	2541	2547	2552	rBV	112158	177655	3.73%	0.428%
59	18.133	2552	2558	2562	rVV2	373529	634500	13.31%	1.529%
60	18.168	2562	2564	2572	rVB2	123928	175389	3.68%	0.423%
61	18.445	2606	2611	2615	rVV	146366	197705	4.15%	0.476%
62	18.862	2676	2682	2686	rBV3	80334	141870	2.98%	0.342%
63	18.927	2686	2693	2696	rBV6	33505	55049	1.15%	0.133%
64	19.127	2721	2727	2734	rBV	1605747	2131711	44.71%	5.135%
65	19.374	2764	2769	2772	rBV	37676	53829	1.13%	0.130%
66	19.462	2778	2784	2785	rBV	299286	370249	7.76%	0.892%
67	19.492	2785	2789	2798	rVV	967335	1425915	29.90%	3.435%
68	19.568	2798	2802	2810	rVB3	55065	96971	2.03%	0.234%
69	19.674	2815	2820	2827	rVV	52144	91882	1.93%	0.221%
70	19.815	2839	2844	2851	rBV5	61883	159288	3.34%	0.384%
71	19.956	2864	2868	2869	rBV3	41703	57080	1.20%	0.138%

LSC Area Percent Report

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Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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	19.992	2870	2874	2882	rVB	183059	261982	5.49%	0.631%
73	20.092	2886	2891	2894	rVV	201793	254147	5.33%	0.612%
74	20.144	2894	2900	2904	rVV3	70219	133748	2.80%	0.322%
75	20.333	2929	2932	2937	rVV5	36594	51895	1.09%	0.125%
76	20.703	2990	2995	2997	rBV6	35887	59201	1.24%	0.143%
77	20.903	3026	3029	3032	rBV	51220	55470	1.16%	0.134%
78	20.939	3033	3035	3039	rVB2	45312	50355	1.06%	0.121%
79	21.256	3082	3089	3093	rBV2	1849154	2654031	55.66%	6.394%
80	21.291	3093	3095	3100	rVB	250816	285706	5.99%	0.688%
81	22.821	3351	3355	3360	rBV2	74869	132826	2.79%	0.320%
82	23.480	3460	3467	3475	rBV	942052	1838335	38.55%	4.429%

Sum of corrected areas: 41510242

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Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
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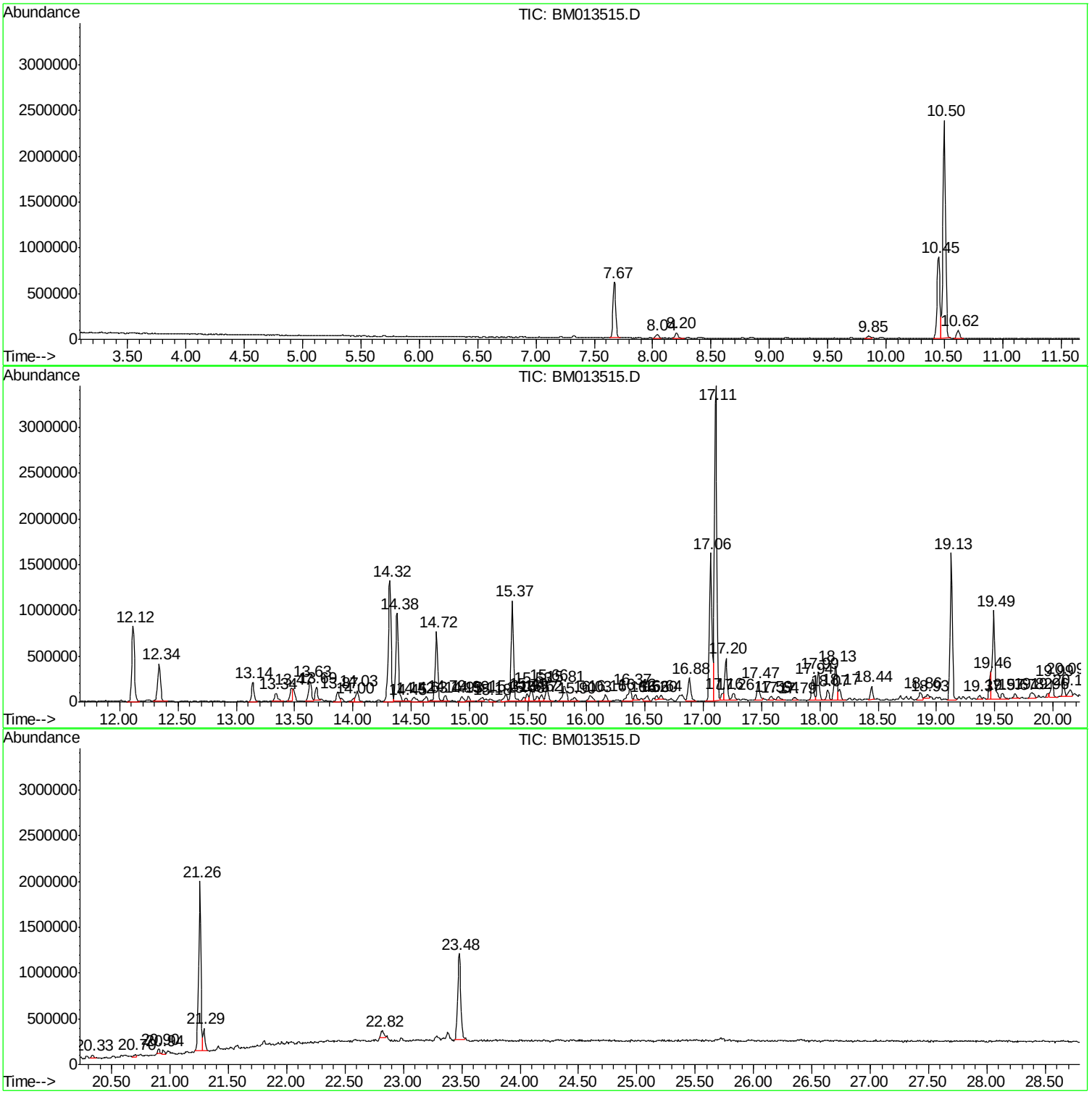
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A79MEDL

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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

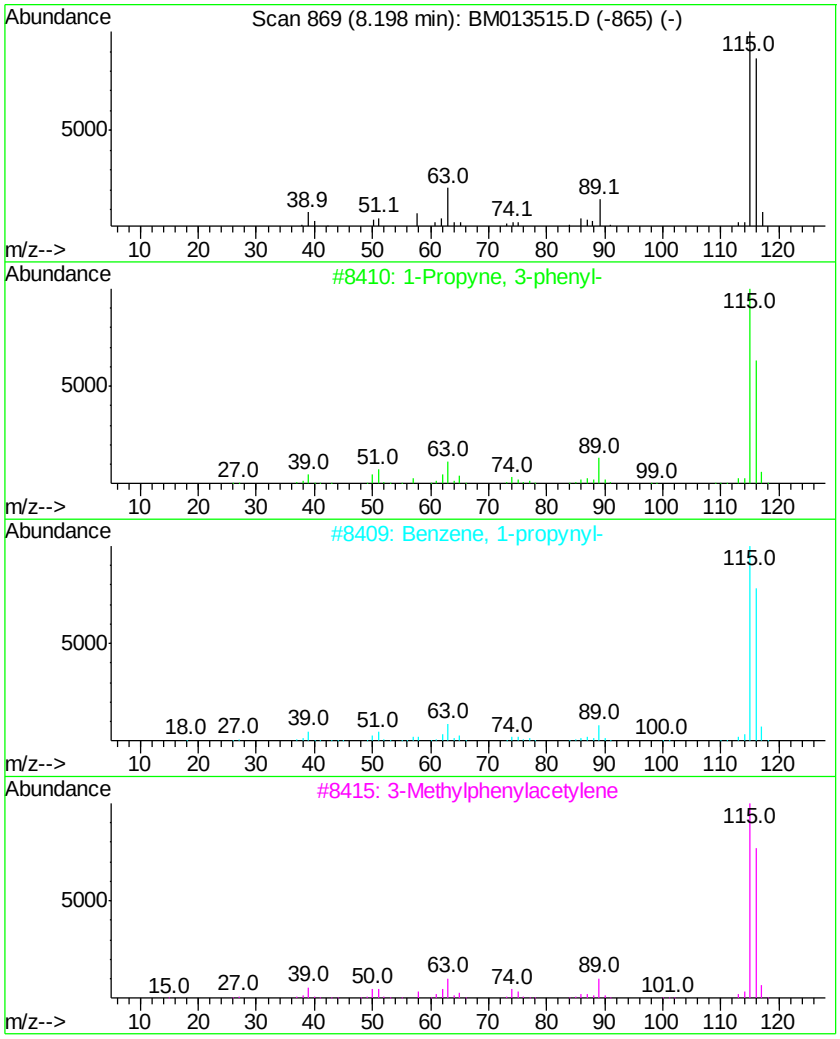
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

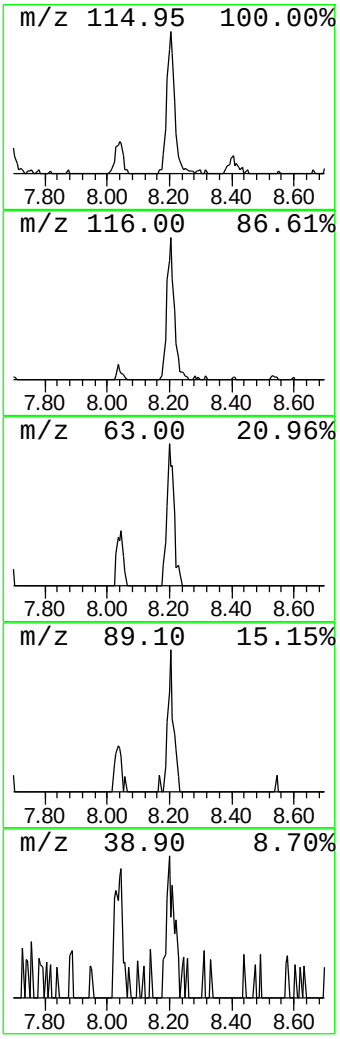
****

Peak Number 1 1-Propyne, 3-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.12 ng/ul	107900	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	90
5	Indene	116	C9H8	000095-13-6	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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

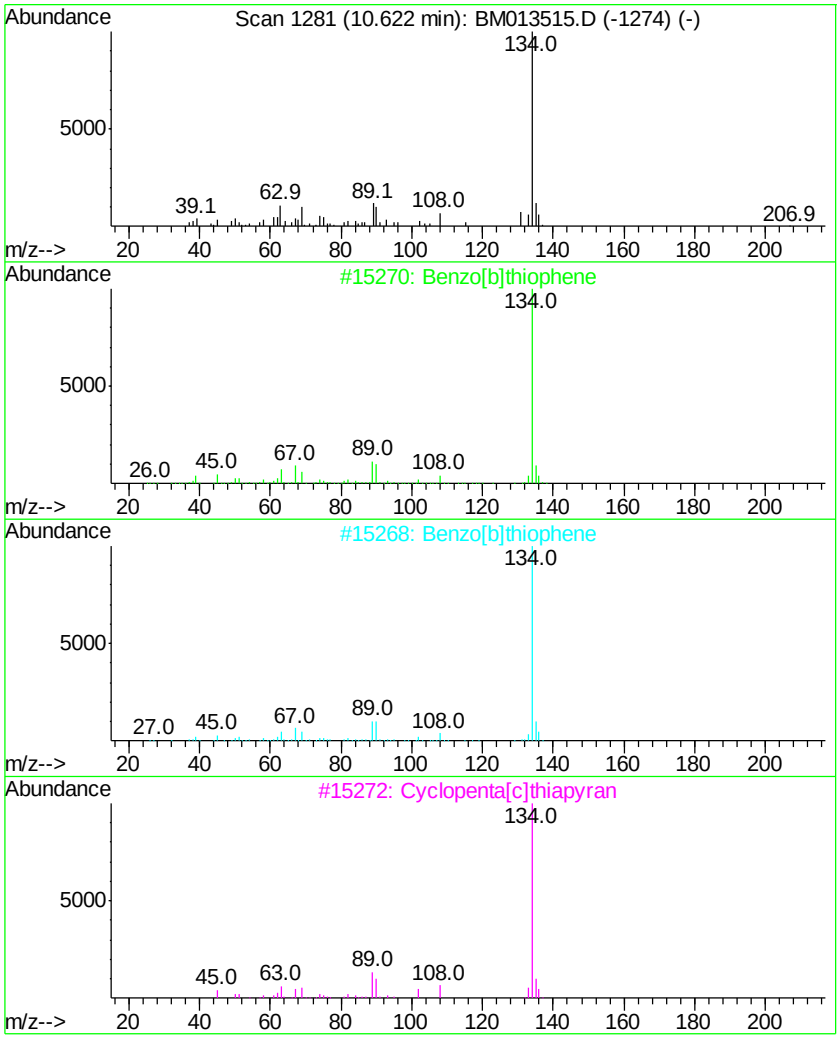
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

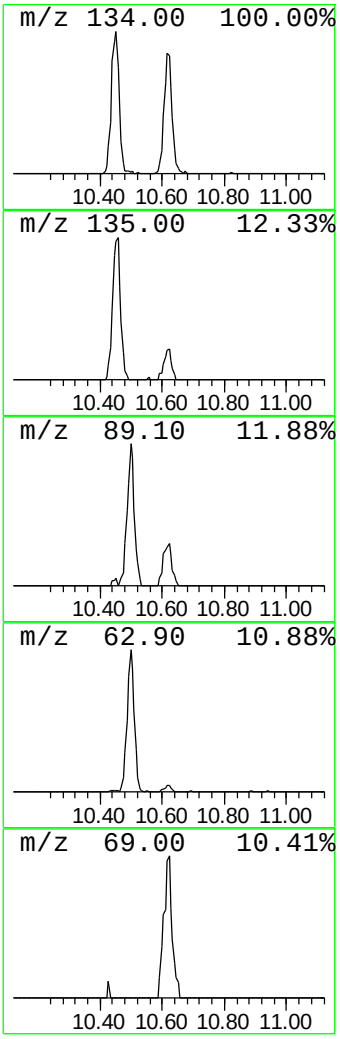
****

Peak Number 2 Benzo[b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.12 ng/ul	160775	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5	Benzo[c]thiophene	134	C8H6S	000270-82-6	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
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Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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

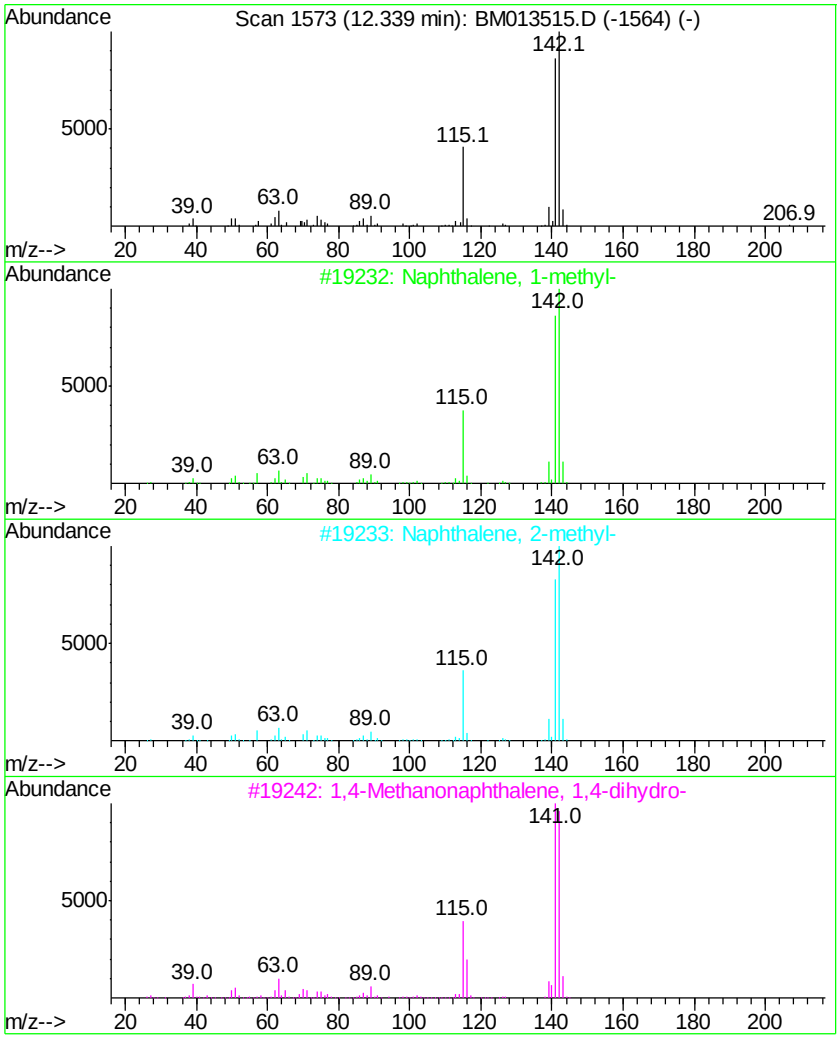
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

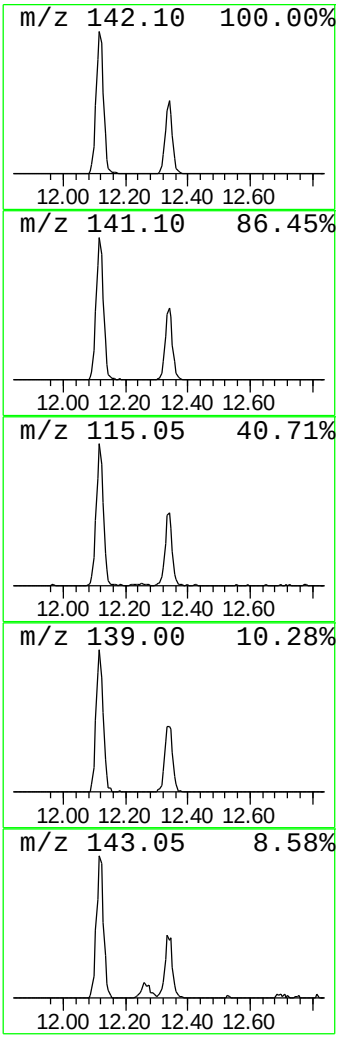
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	9.25 ng/ul	702276	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
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Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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

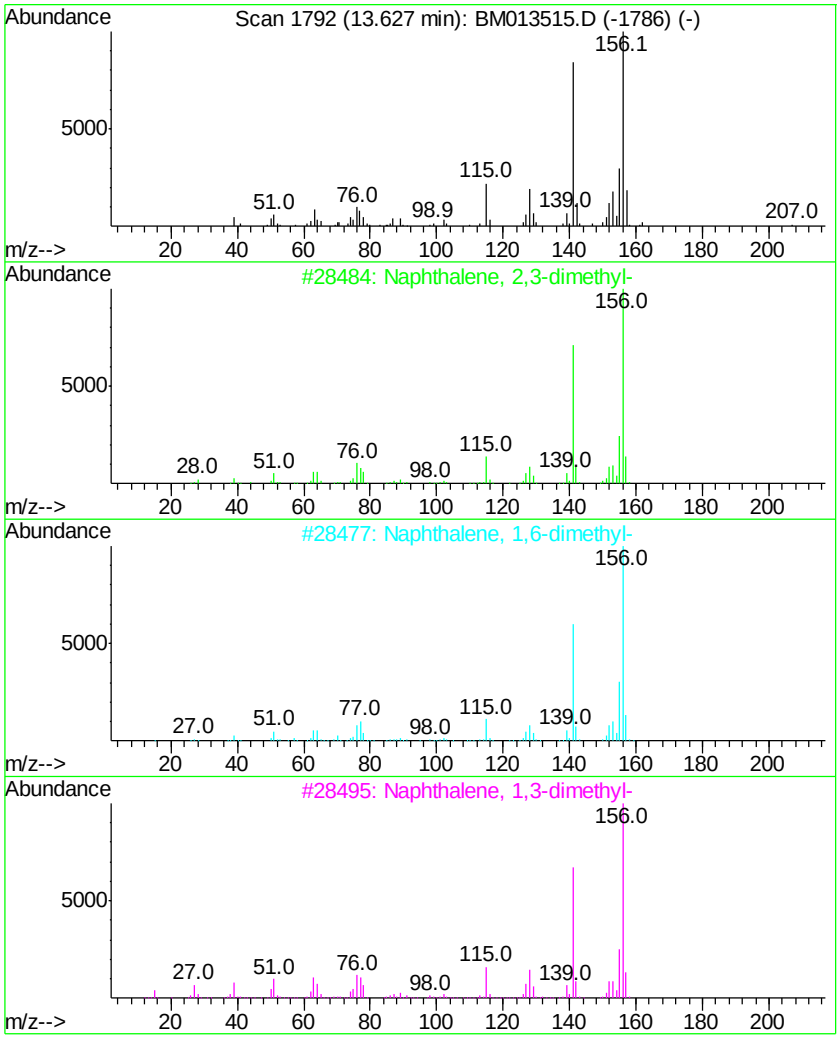
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

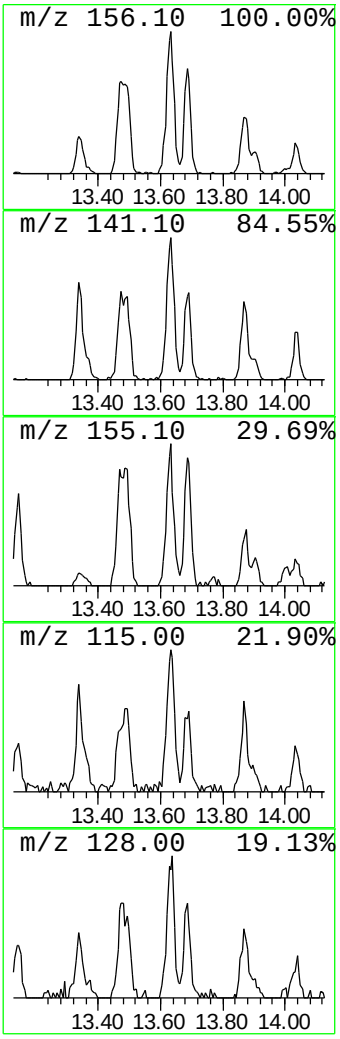
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.57 ng/ul	389718	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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

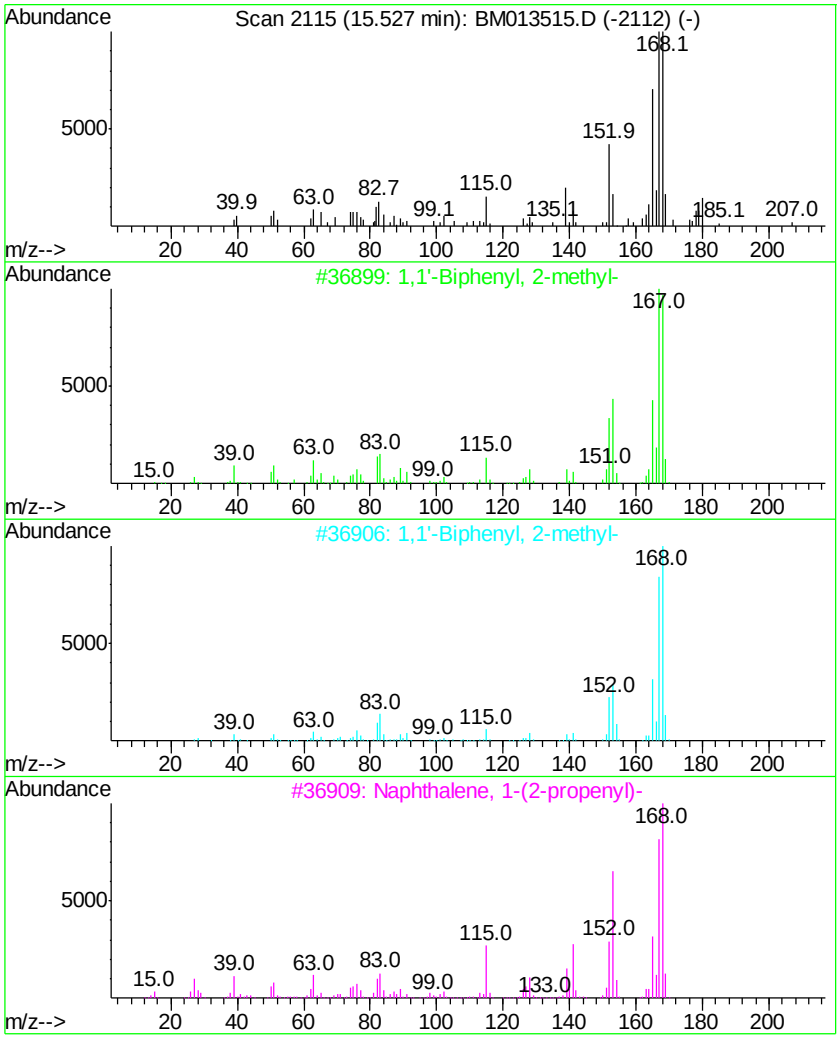
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

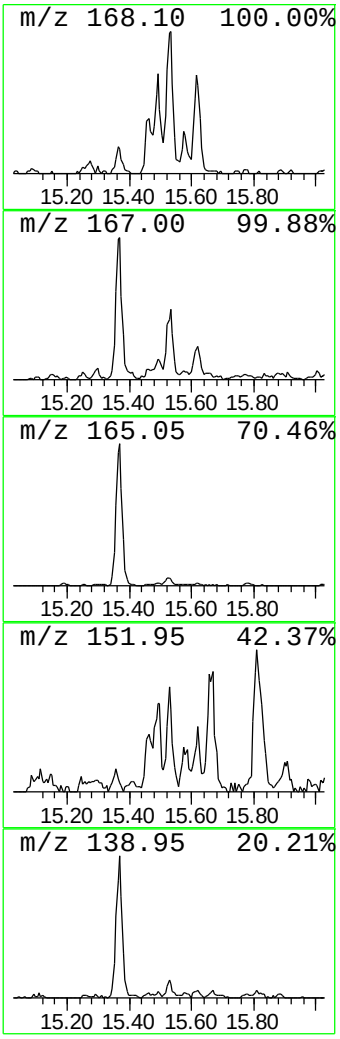
****

Peak Number 5 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.02 ng/ul	219803	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
5	Diphenylmethane	168	C13H12	000101-81-5	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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

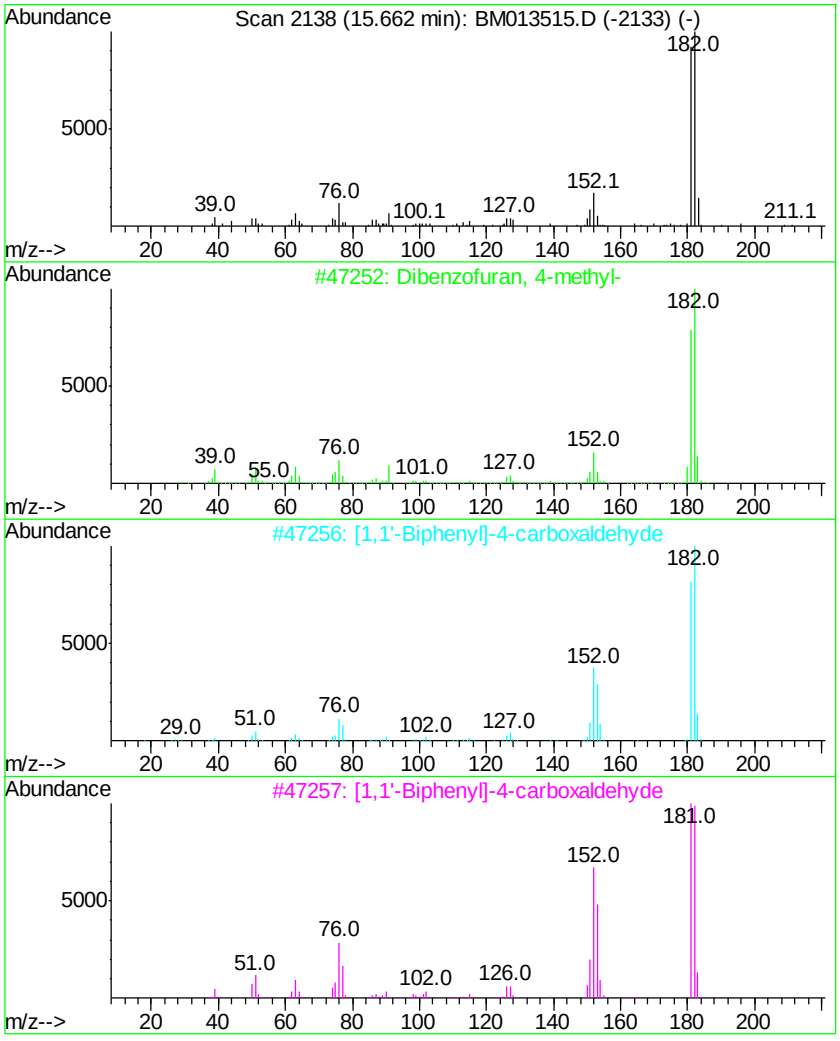
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

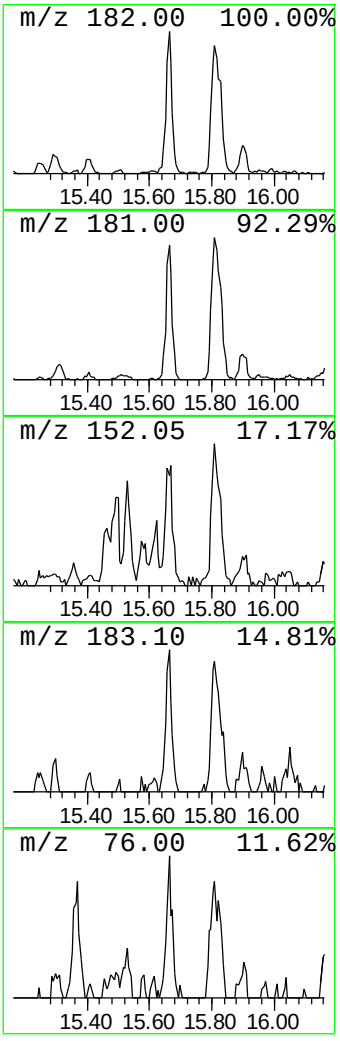
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.47 ng/ul	269244	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64





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Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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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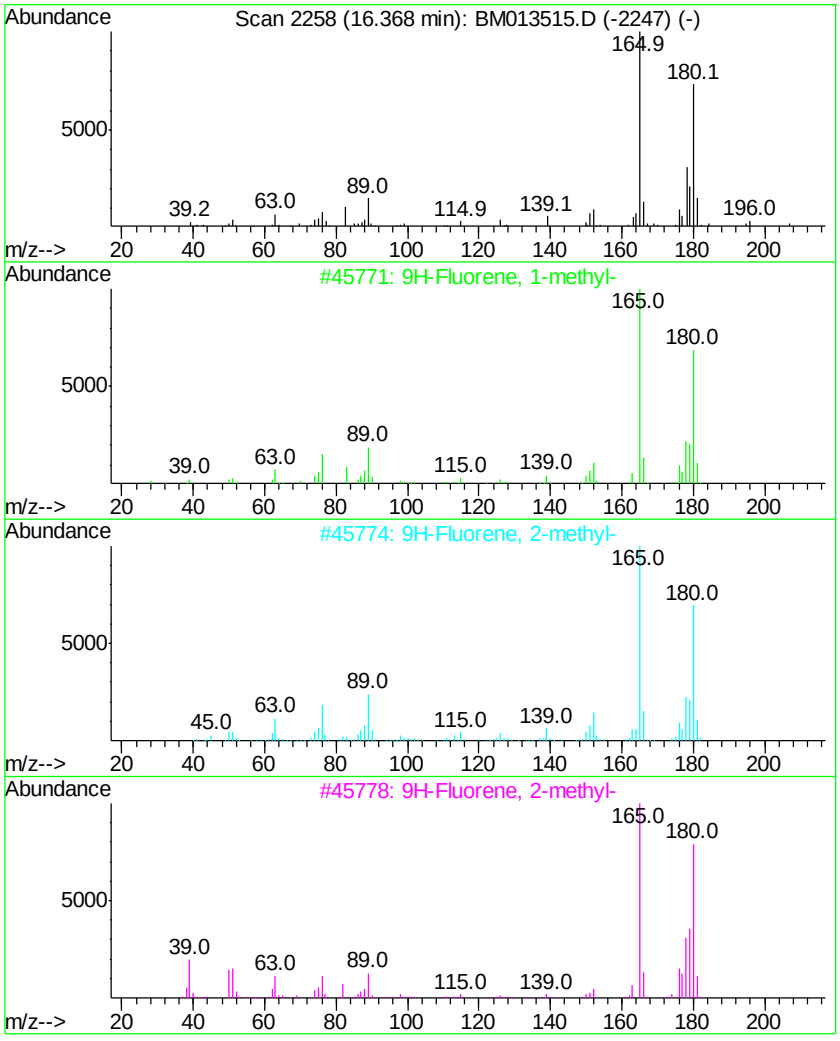
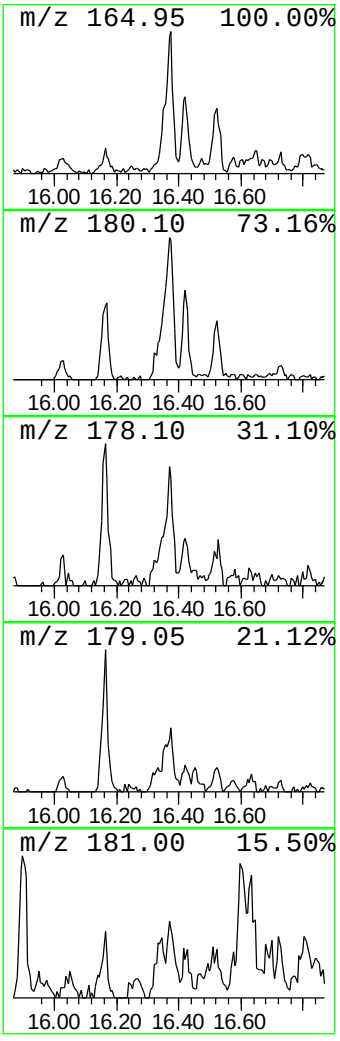
Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.51 ng/ul	310343	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86





Library Search Compound Report

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Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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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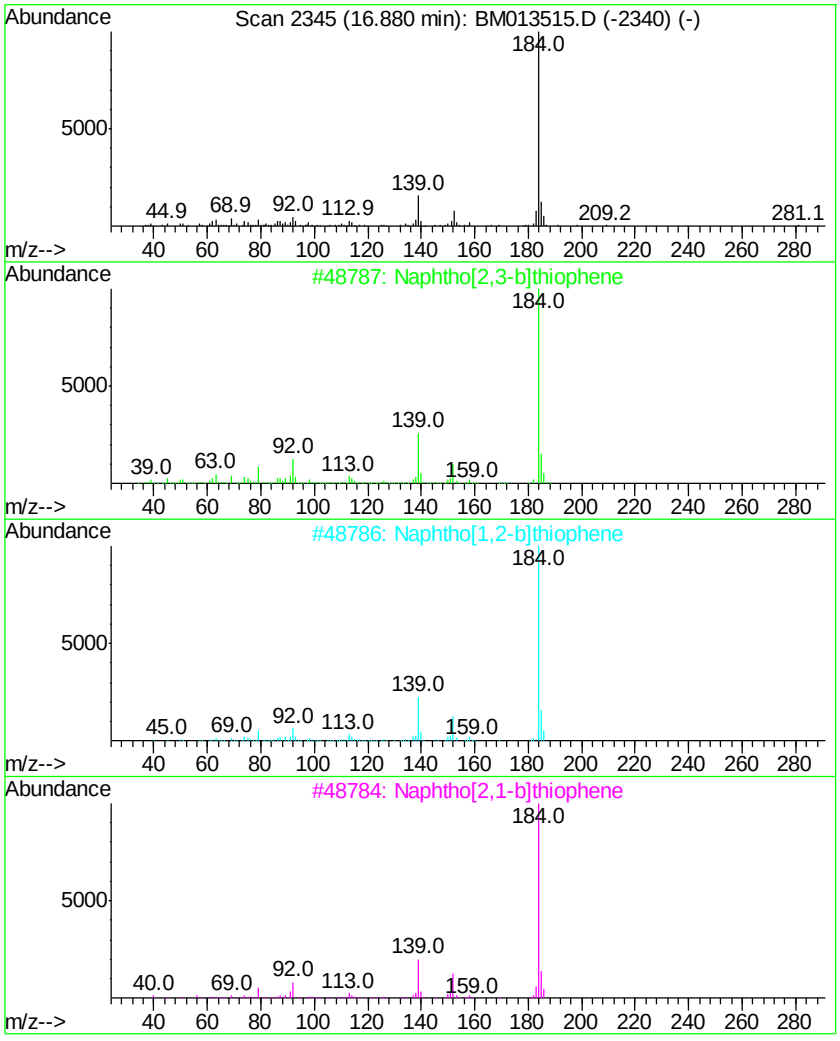
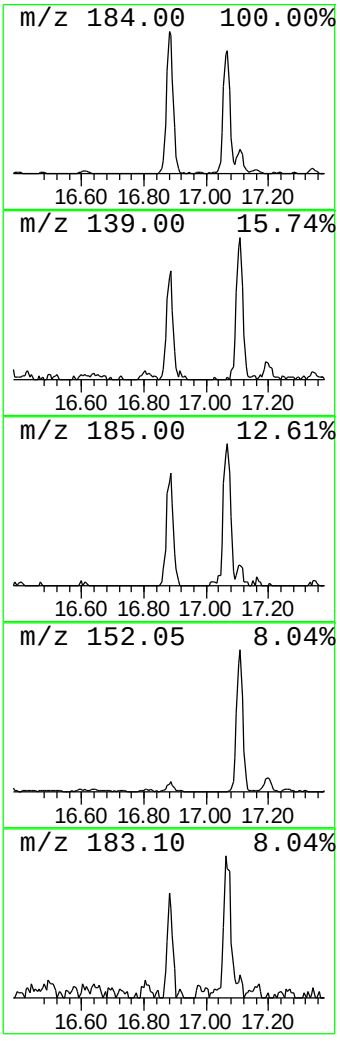
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.39 ng/ul	418872	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

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Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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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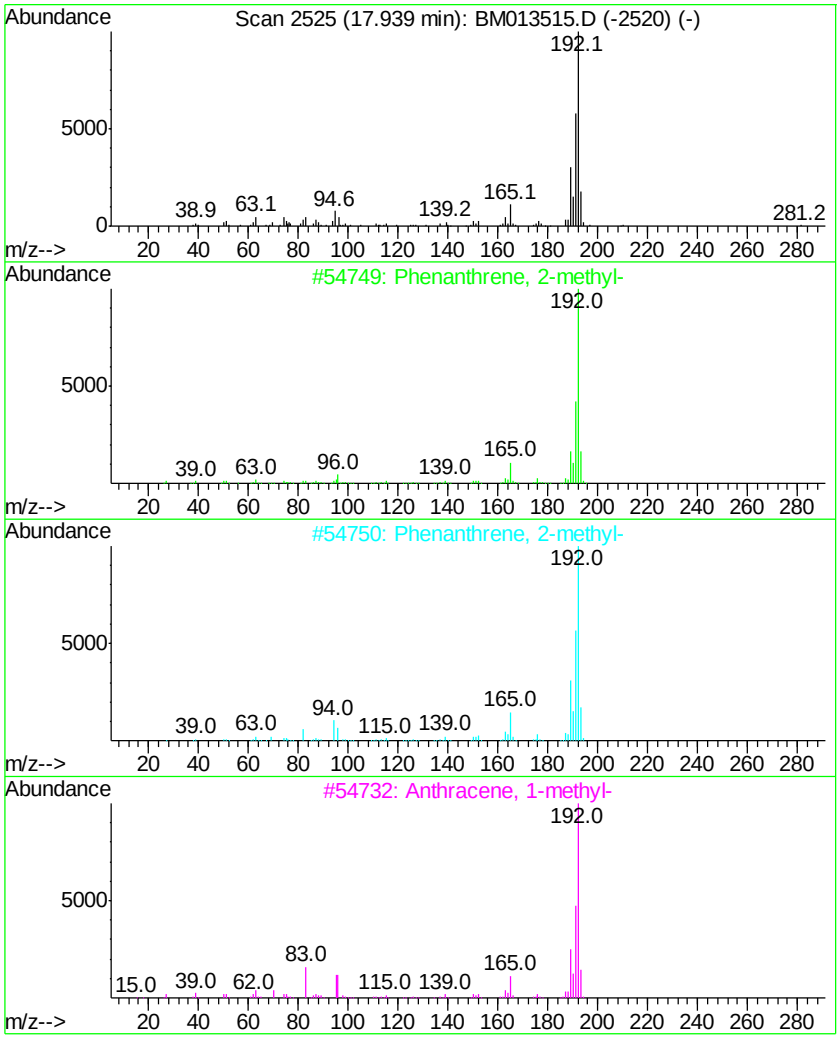
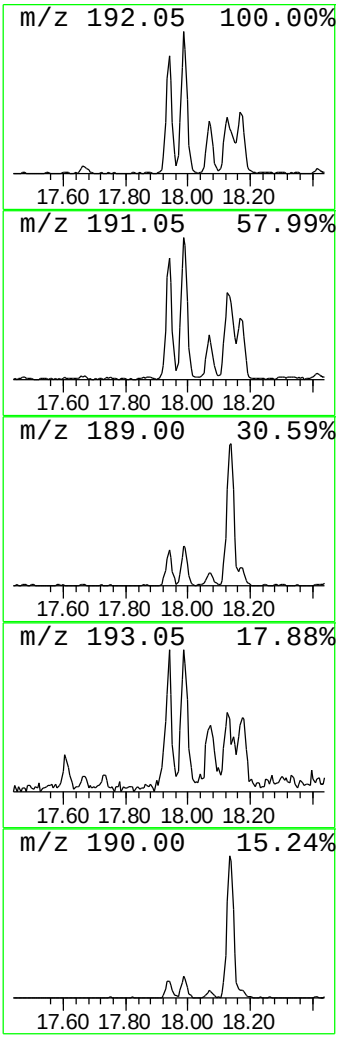
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.65 ng/ul	327733	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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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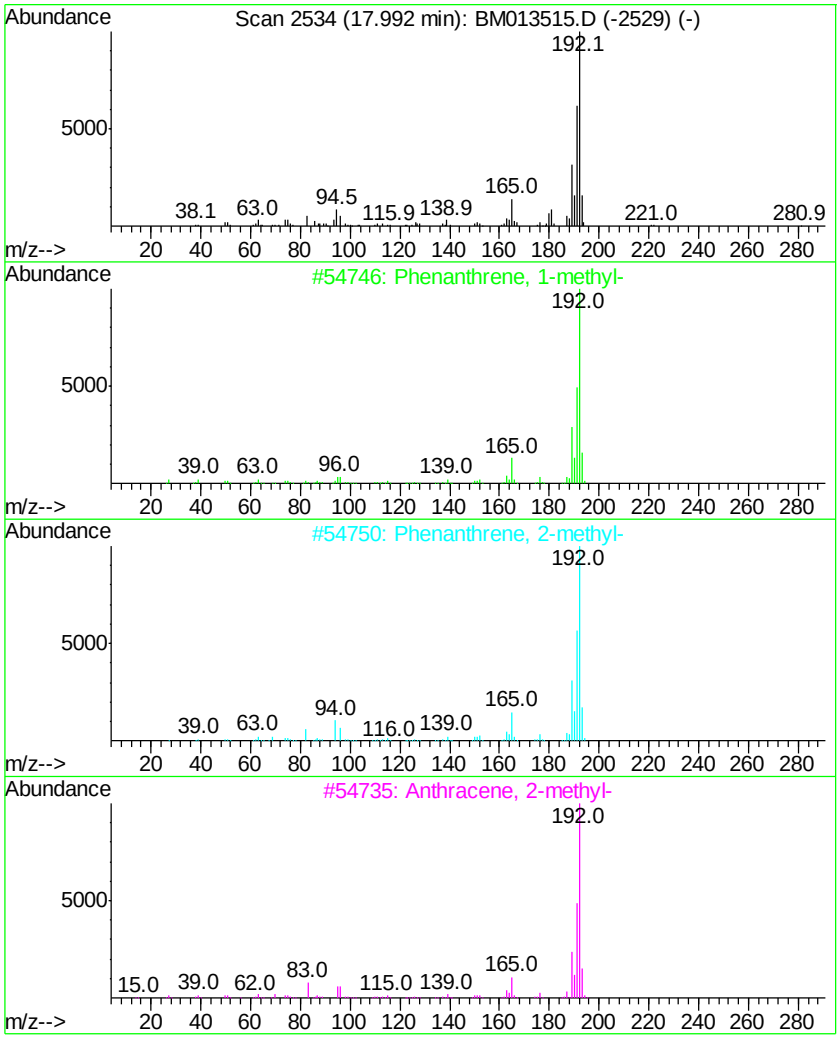
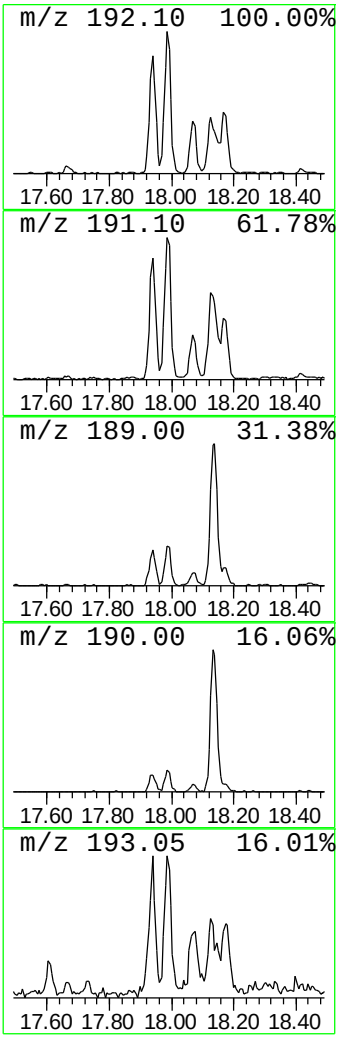
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.60 ng/ul	445152	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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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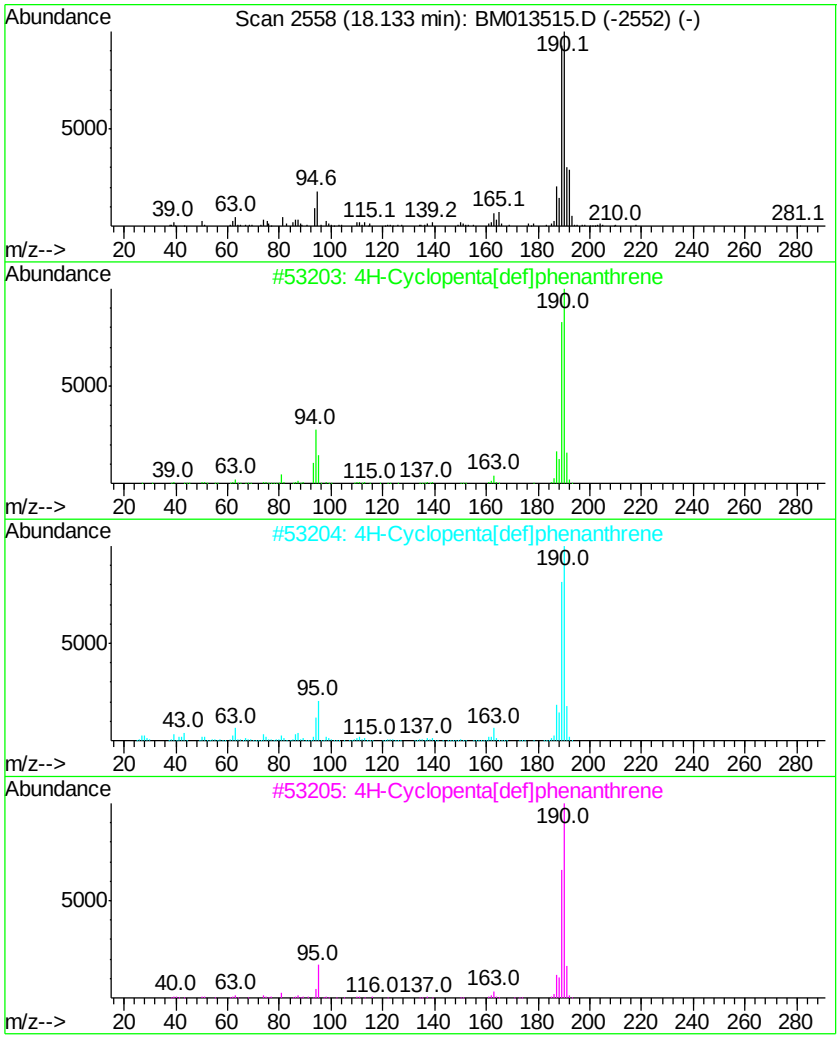
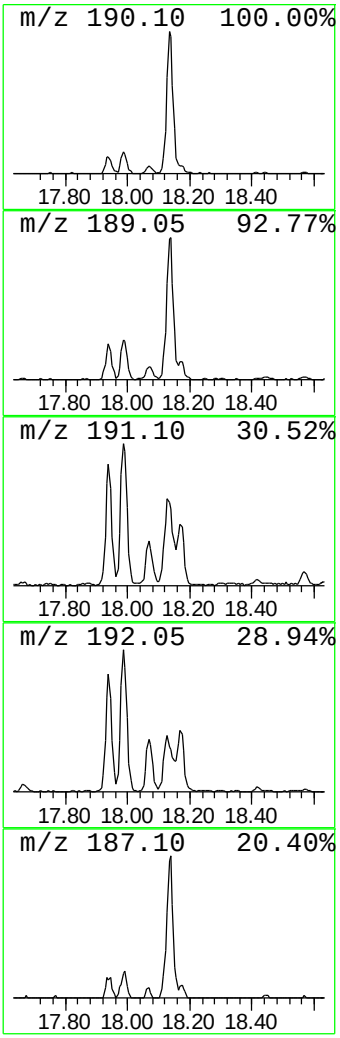
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.14 ng/ul	634500	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Tentatively Identified Compound (LSC) summary

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Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

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
1-Propyne, 3-phenyl-	8.20	2.1	ng/ul	107900	1	7.67	1020270	20.0
Benzo[b]thiophene	10.62	2.1	ng/ul	160775	2	10.45	1518490	20.0
Naphthalene, 1-me...	12.34	9.3	ng/ul	702276	2	10.45	1518490	20.0
Naphthalene, 2,3-...	13.63	3.6	ng/ul	389718	3	14.32	2180930	20.0
1,1'-Biphenyl, 2-...	15.53	2.0	ng/ul	219803	3	14.32	2180930	20.0
Dibenzofuran, 4-m...	15.66	2.5	ng/ul	269244	3	14.32	2180930	20.0
9H-Fluorene, 1-me...	16.37	2.5	ng/ul	310343	4	17.06	2470430	20.0
Naphtho[2,3-b]thi...	16.88	3.4	ng/ul	418872	4	17.06	2470430	20.0
Phenanthrene, 2-m...	17.94	2.6	ng/ul	327733	4	17.06	2470430	20.0
Phenanthrene, 1-m...	17.99	3.6	ng/ul	445152	4	17.06	2470430	20.0
4H-Cyclopenta[def...	18.13	5.1	ng/ul	634500	4	17.06	2470430	20.0