LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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	7.675	771	780	795	rBV	719888	1176587	8.18%	1.463%
2	10.451	1244	1252	1258	rBV	1022135	1741880	12.10%	2.166%
3	10.498	1258	1260	1270	rVV	136085	219552	1.53%	0.273%
4	12.122	1528	1536	1544	rBV	230832	371050	2.58%	0.461%
5	12.345	1565	1574	1580	rBV	240686	386563	2.69%	0.481%
6	13.345	1738	1744	1754	rVB	90079	166475	1.16%	0.207%
7	13.475	1758	1766	1768	rBV2	135108	210945	1.47%	0.262%
8	13.639	1786	1794	1798	rBV	197032	367346	2.55%	0.457%
9	13.692	1798	1803	1806	rVV	138395	207985	1.45%	0.259%
10	13.734	1806	1810	1815	rVB	163411	222223	1.54%	0.276%
11	13.875	1825	1834	1837	rBV	96325	144778	1.01%	0.180%
12	14.010	1851	1857	1860	rBV	191840	290191	2.02%	0.361%
13	14.322	1900	1910	1915	rBV3	1505751	2384719	16.57%	2.966%
14	14.386	1915	1921	1927	rVV	2898753	4357897	30.28%	5.420%
15	14.457	1928	1933	1940	rVB	111103	165295	1.15%	0.206%
16	14.539	1940	1947	1956	rBV5	51982	151855	1.06%	0.189%
17	14.634	1956	1963	1968	rVB	153610	245329	1.70%	0.305%
18	14.722	1971	1978	1987	rBV	1530775	2314911	16.09%	2.879%
19	15.316	2072	2079	2083	rBV3	221332	336524	2.34%	0.419%
20	15.369	2083	2088	2099	rVB	2365287	3394330	23.59%	4.222%
21	15.463	2099	2104	2106	rBV4	131946	198843	1.38%	0.247%
22	15.492	2106	2109	2112	rVV	180852	266948	1.85%	0.332%
23	15.528	2112	2115	2121	rVB	315172	461694	3.21%	0.574%
24	15.622	2127	2131	2134	rVV	132565	176393	1.23%	0.219%
25	15.669	2134	2139	2148	rVB	348594	531951	3.70%	0.662%
26	15.810	2155	2163	2171	rBV	395512	791800	5.50%	0.985%
27	15.898	2171	2178	2185	rVB4	73737	159427	1.11%	0.198%
28	16.333	2247	2252	2254	rBV2	119308	177350	1.23%	0.221%
29	16.375	2255	2259	2264	rVV2	234758	385236	2.68%	0.479%
30	16.522	2278	2284	2289	rVB2	97749	182322	1.27%	0.227%
31	16.727	2315	2319	2326	rVB3	126763	198058	1.38%	0.246%
32	16.822	2326	2335	2341	rBV2	259735	556173	3.86%	0.692%
33	16.886	2341	2346	2356	rVB	655157	947014	6.58%	1.178%
34	17.069	2371	2377	2380	rBV2	1993743	2906728	20.20%	3.615%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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	17.116	2380	2385	2390	rVV	10725036	14390963	100.00%	17.898%
36	17.169	2390	2394	2396	rVV2	436703	598812	4.16%	0.745%
37	17.204	2396	2400	2405	rVB	616940	890498	6.19%	1.108%
38	17.474	2436	2446	2451	rBV2	389428	751972	5.23%	0.935%
39	17.592	2460	2466	2472	rBV2	138462	232545	1.62%	0.289%
40	17.945	2517	2526	2530	rBV	597037	907103	6.30%	1.128%
41	17.992	2530	2534	2540	rVB	837332	1164273	8.09%	1.448%
42	18.069	2540	2547	2552	rBV	261904	410205	2.85%	0.510%
43	18.139	2552	2559	2563	rVV2	1103893	1891171	13.14%	2.352%
44	18.174	2563	2565	2572	rVB	281919	323045	2.24%	0.402%
45	18.445	2606	2611	2616	rBV	409169	568396	3.95%	0.707%
46	18.692	2645	2653	2658	rBV3	103740	187366	1.30%	0.233%
47	18.863	2677	2682	2687	rBV4	121951	235920	1.64%	0.293%
48	19.133	2721	2728	2734	rBV	6606933	8573282	59.57%	10.663%
49	19.374	2756	2769	2773	rBV3	166934	392547	2.73%	0.488%
50	19.468	2779	2785	2786	rBV2	1382166	1876466	13.04%	2.334%
51	19.498	2786	2790	2798	rVV	3848666	5575348	38.74%	6.934%
52	19.563	2798	2801	2810	rVB	195580	271894	1.89%	0.338%
53	19.674	2815	2820	2826	rBV	278023	377008	2.62%	0.469%
54	19.821	2837	2845	2846	rBV2	192613	337328	2.34%	0.420%
55	19.992	2862	2874	2879	rVB	610767	1121472	7.79%	1.395%
56	20.092	2886	2891	2895	rBV	611528	783576	5.44%	0.975%
57	20.151	2895	2901	2904	rVV2	211831	386897	2.69%	0.481%
58	20.186	2904	2907	2911	rVB2	152030	186841	1.30%	0.232%
59	20.292	2920	2925	2928	rBV2	101812	145465	1.01%	0.181%
60	20.339	2928	2933	2938	rVV2	122364	190439	1.32%	0.237%
61	20.904	3023	3029	3033	rBV	165316	275987	1.92%	0.343%
62	20.945	3033	3036	3039	rVV	218149	278481	1.94%	0.346%
63	20.980	3039	3042	3048	rVV2	157338	349653	2.43%	0.435%
64	21.039	3048	3052	3059	rVB3	93638	182864	1.27%	0.227%
65	21.257	3081	3089	3093	rBV2	3018956	5069268	35.23%	6.305%
66	21.298	3093	3096	3105	rVB	757134	1015344	7.06%	1.263%
67	21.415	3112	3116	3122	rVB	182911	240051	1.67%	0.299%
68	22.815	3349	3354	3360	rBV	283250	637894	4.43%	0.793%
69	23.339	3439	3443	3446	rBV2	124172	200801	1.40%	0.250%
70	23.480	3461	3467	3474	rBV	1396709	2587217	17.98%	3.218%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

Sum of corrected areas: 80404764

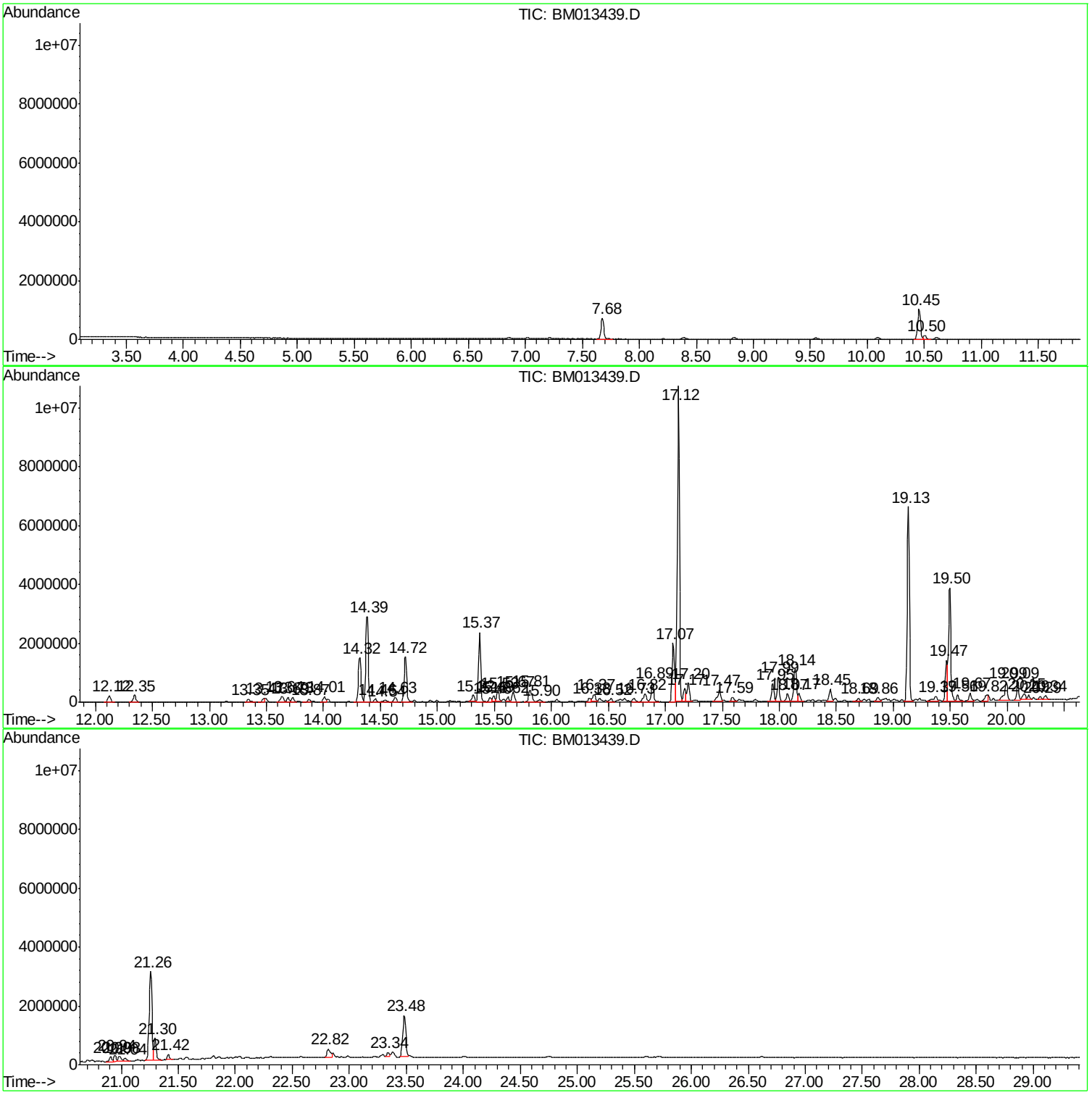
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A20MEDL

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

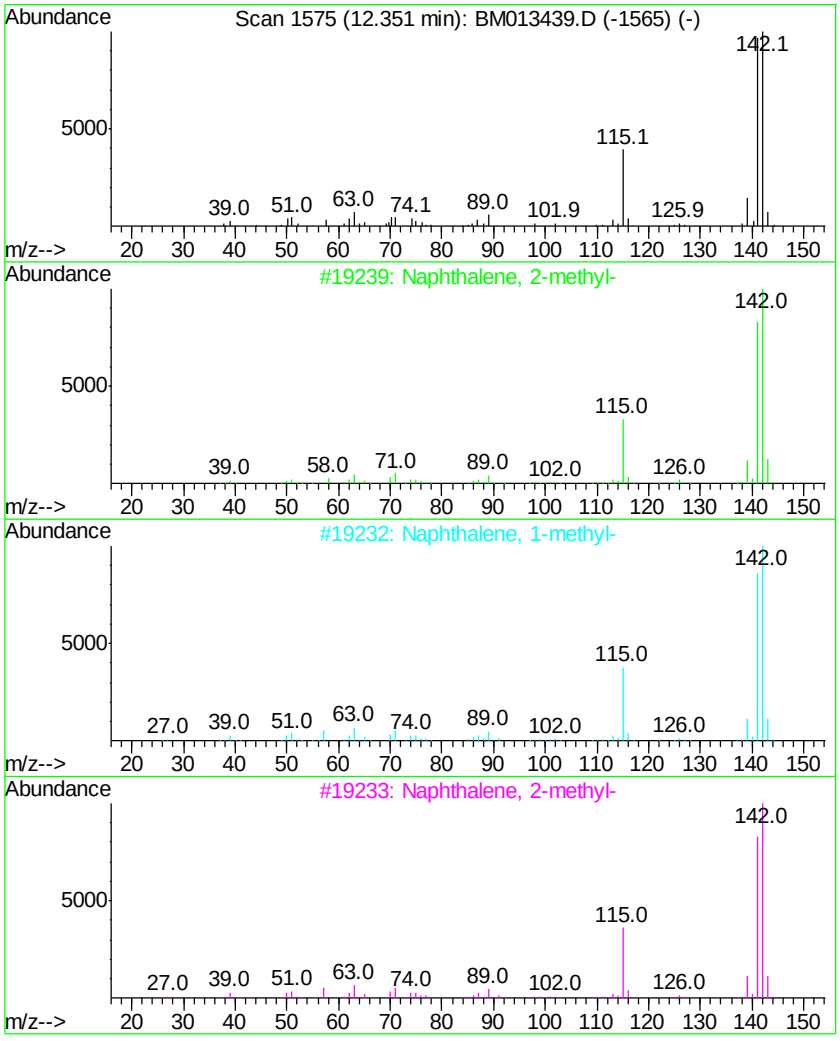
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

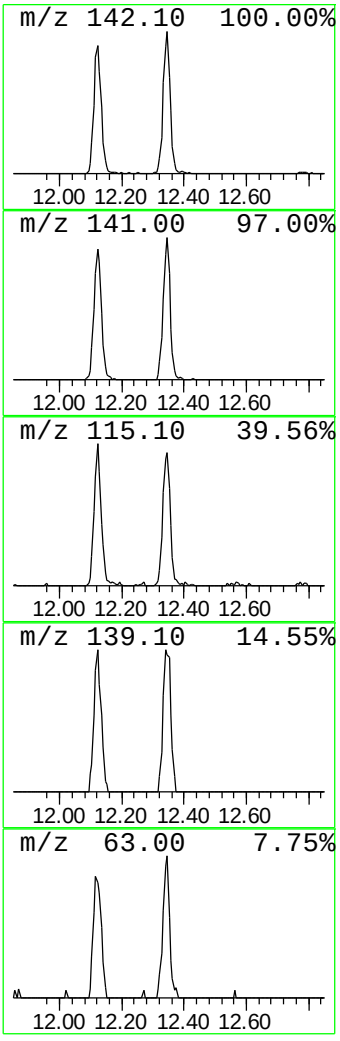
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.44 ng/ul	386563	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

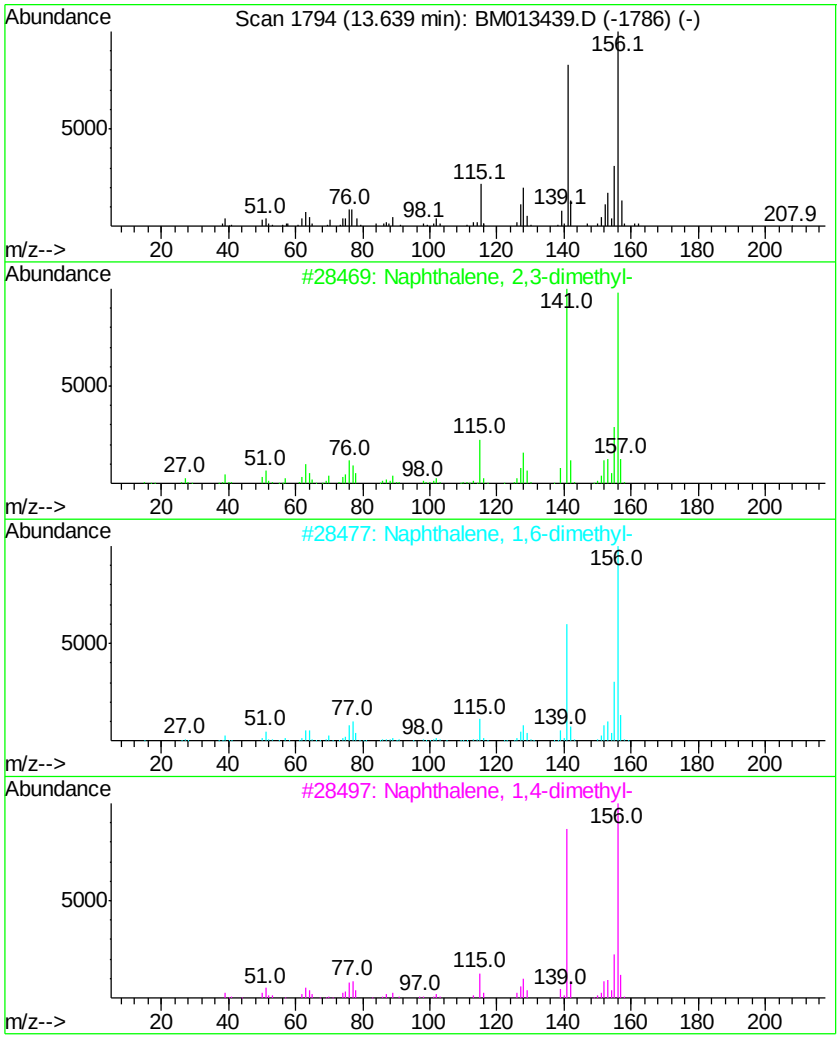
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

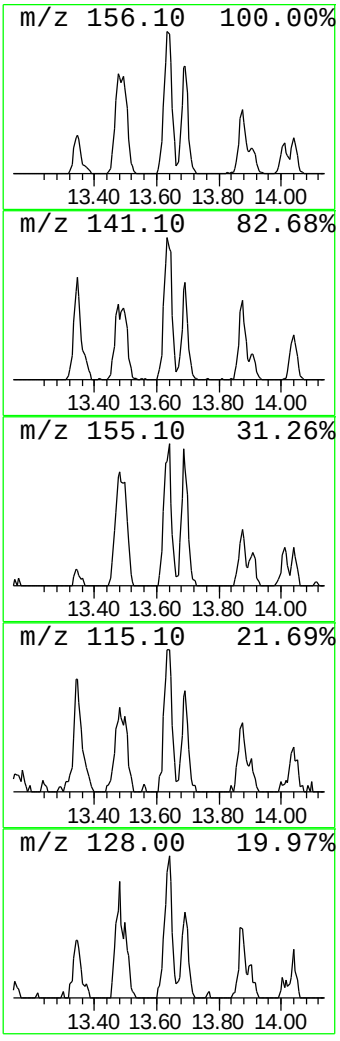
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.08 ng/ul	367346	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

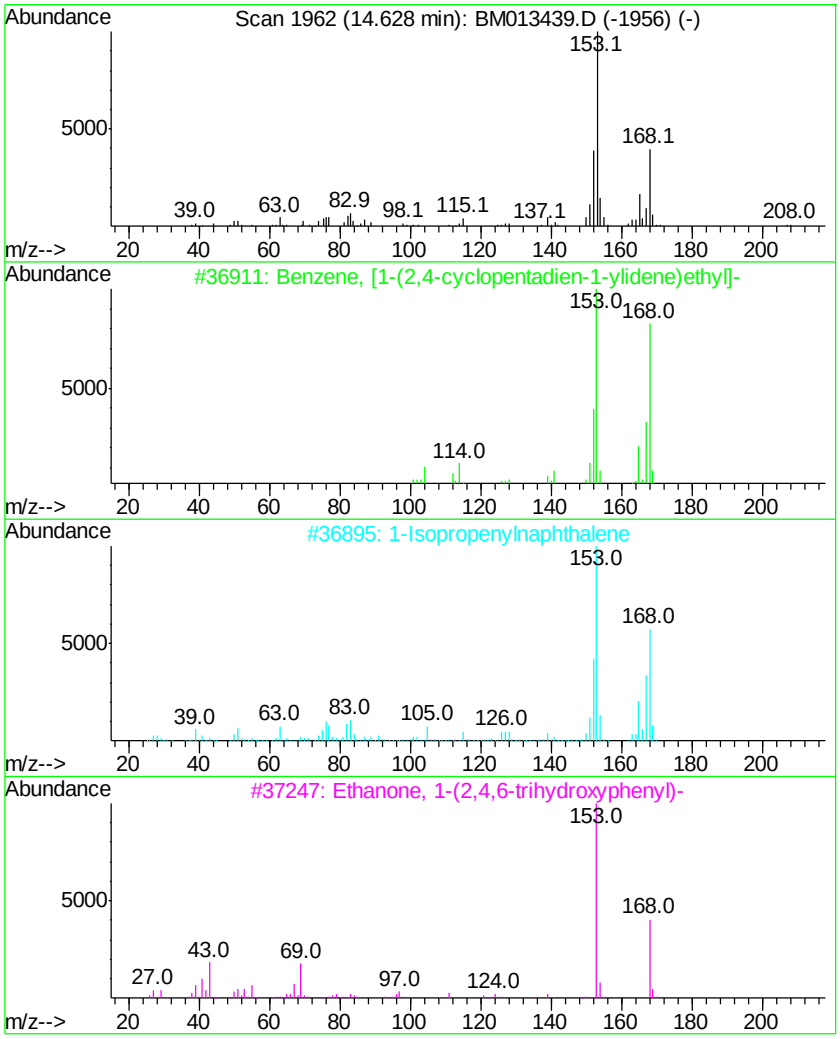
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

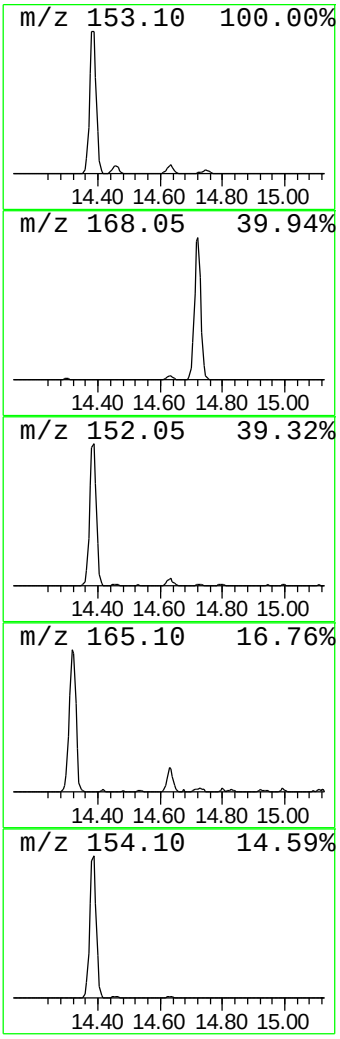
****

Peak Number 3 Benzene, [1-(2,4-cyclopenta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.06 ng/ul	245329	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	52
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

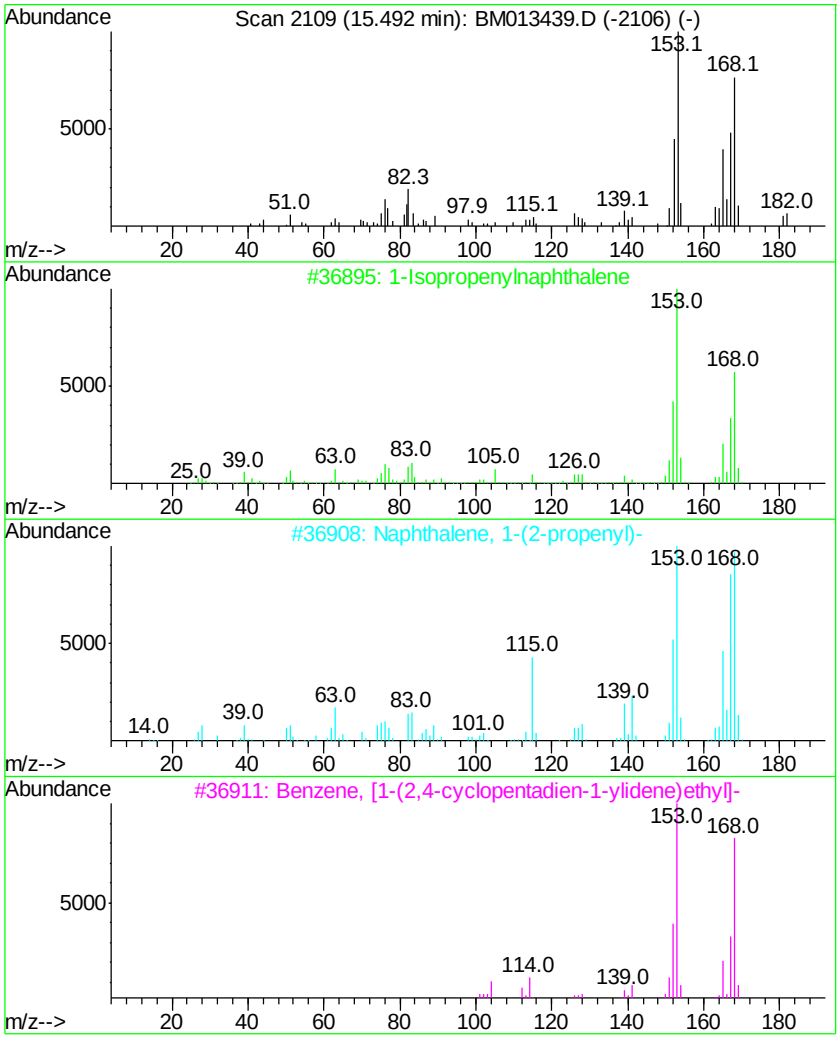
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

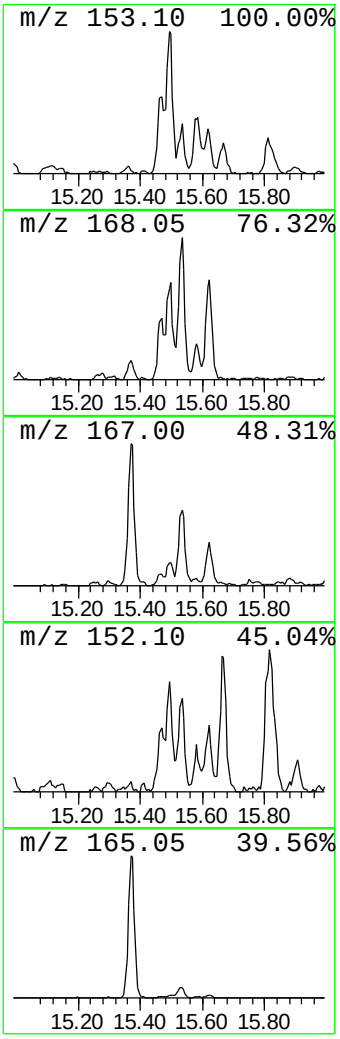
****

Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.24 ng/ul	266948	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	70
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

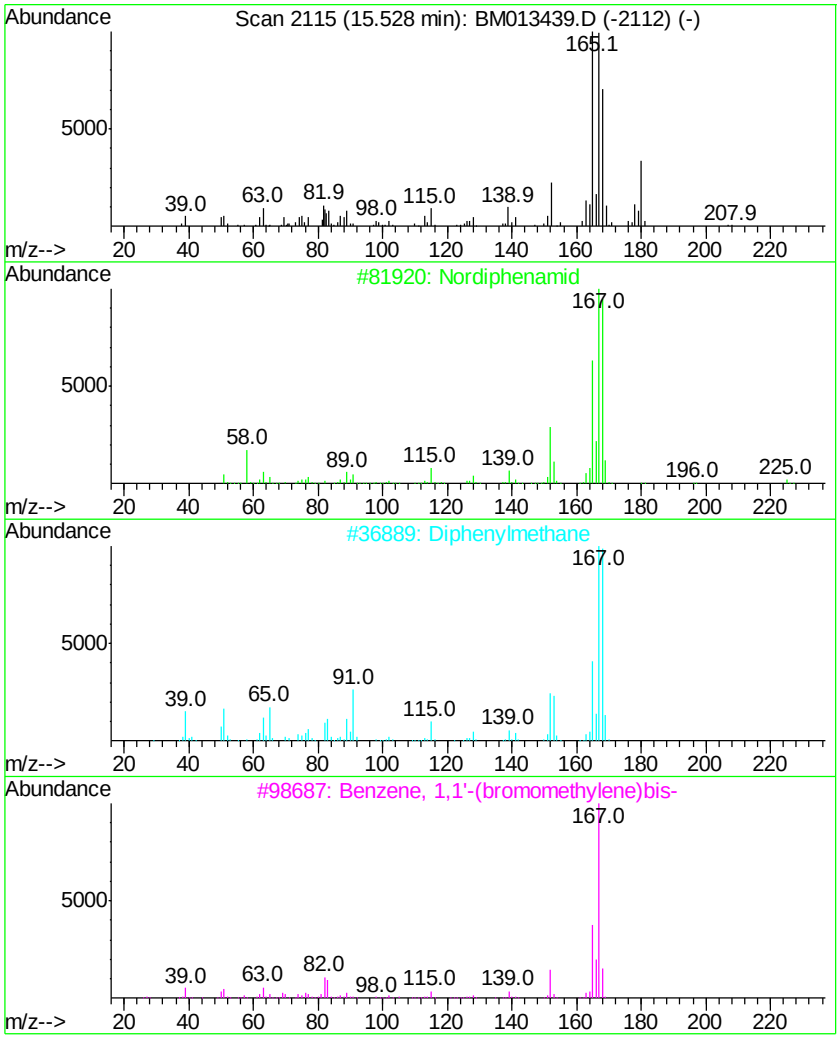
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

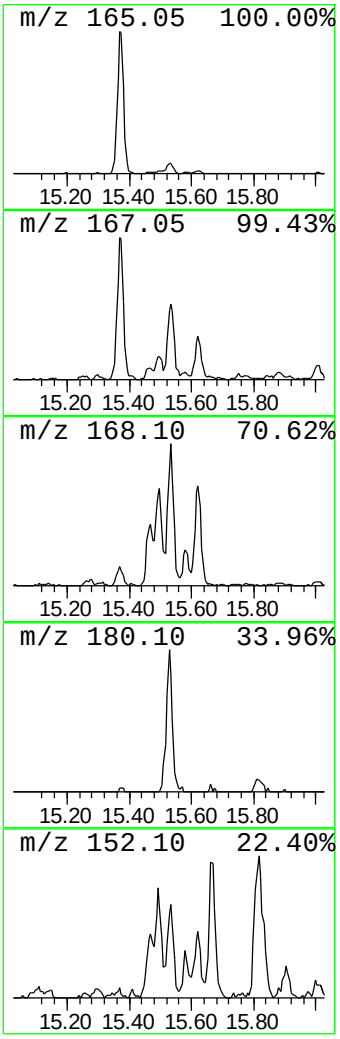
****

Peak Number 5 Nordiphenamid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.87 ng/ul	461694	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	64
2	Diphenylmethane	168	C13H12	000101-81-5	55
3	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	42
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	42





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

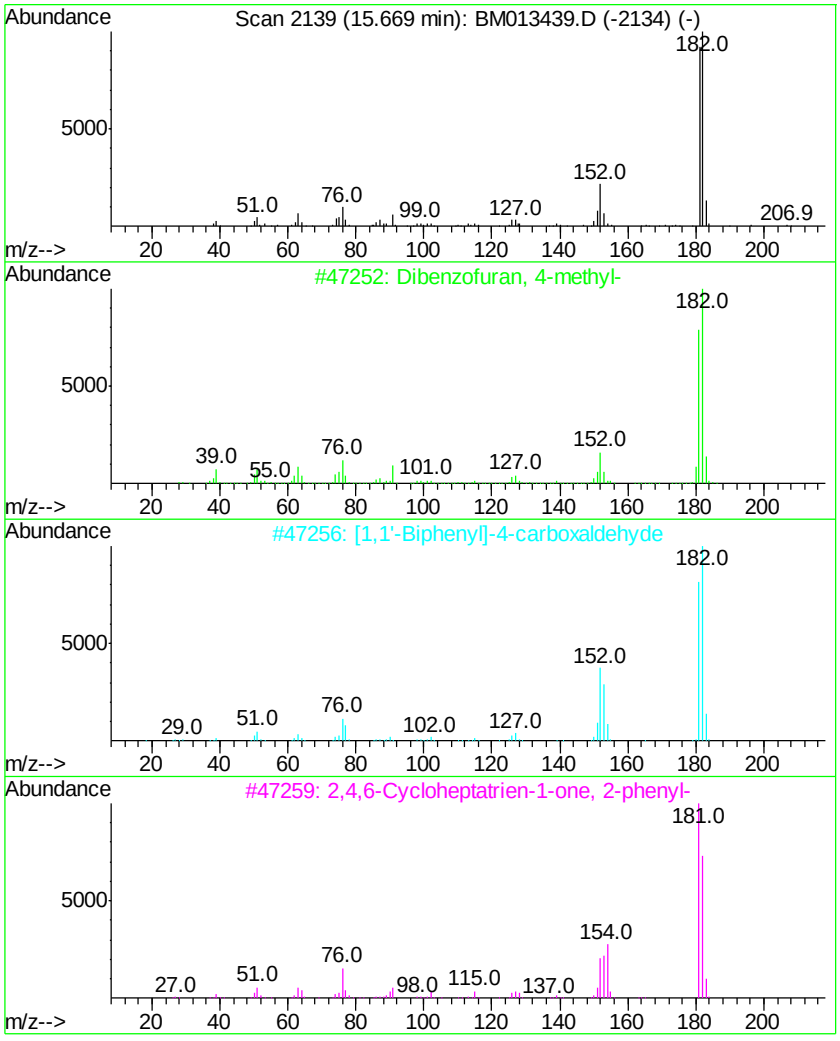
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

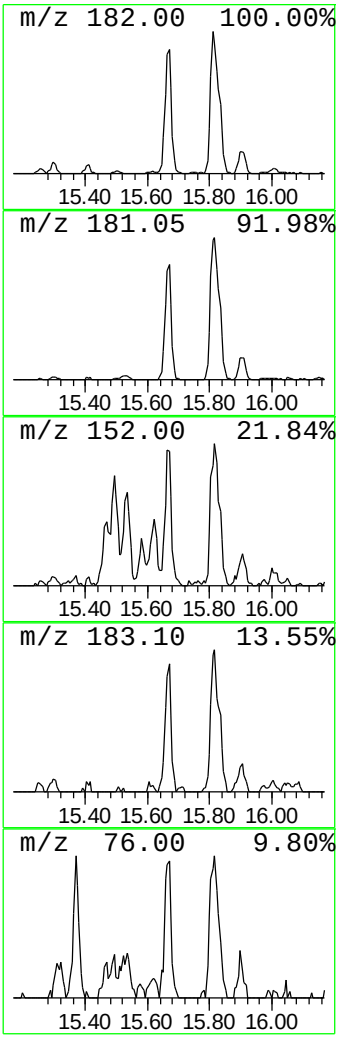
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.46 ng/ul	531951	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	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

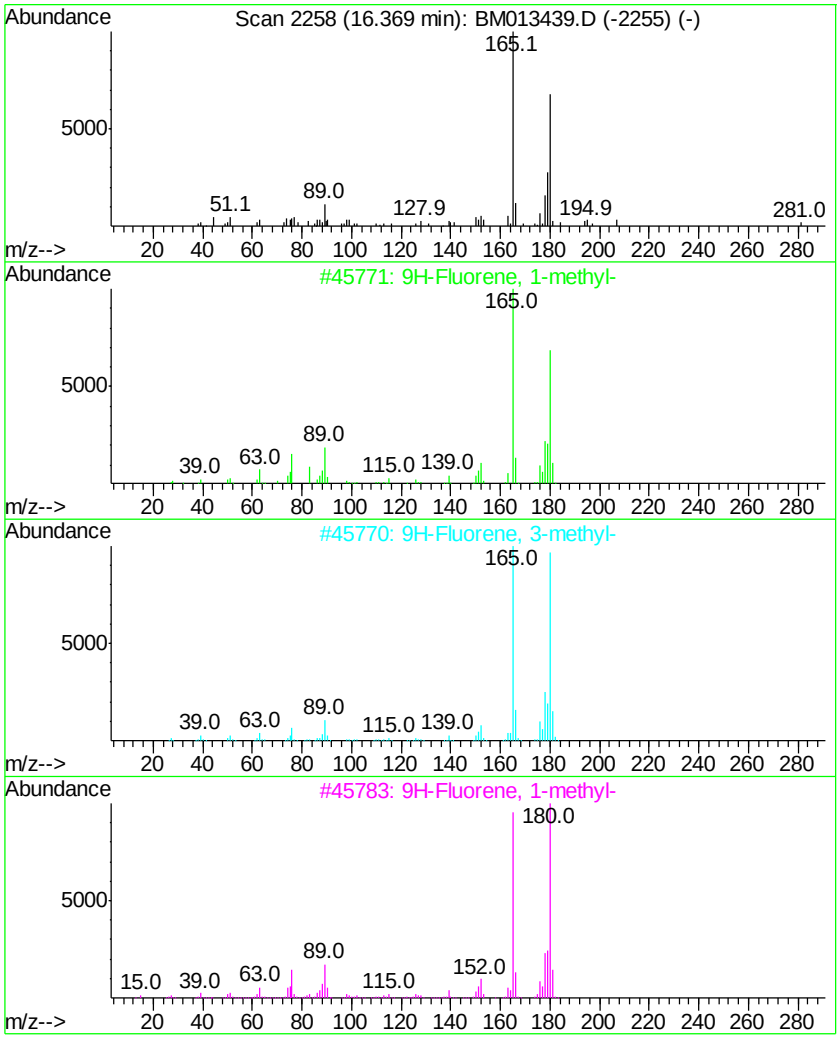
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

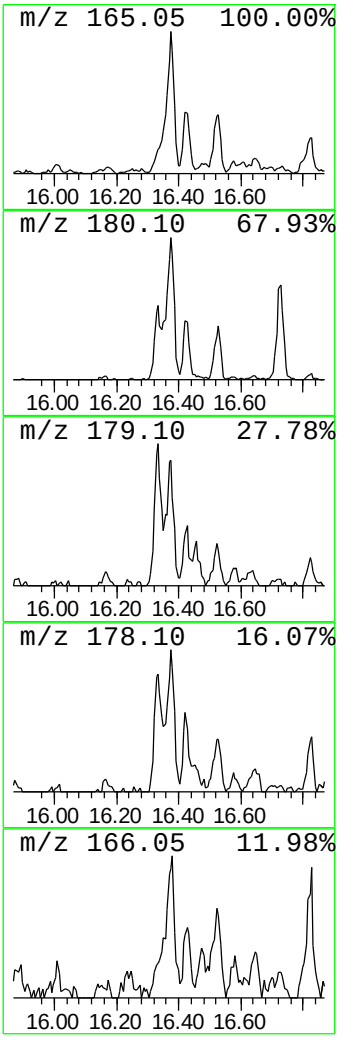
****

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.65 ng/ul	385236	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	80
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

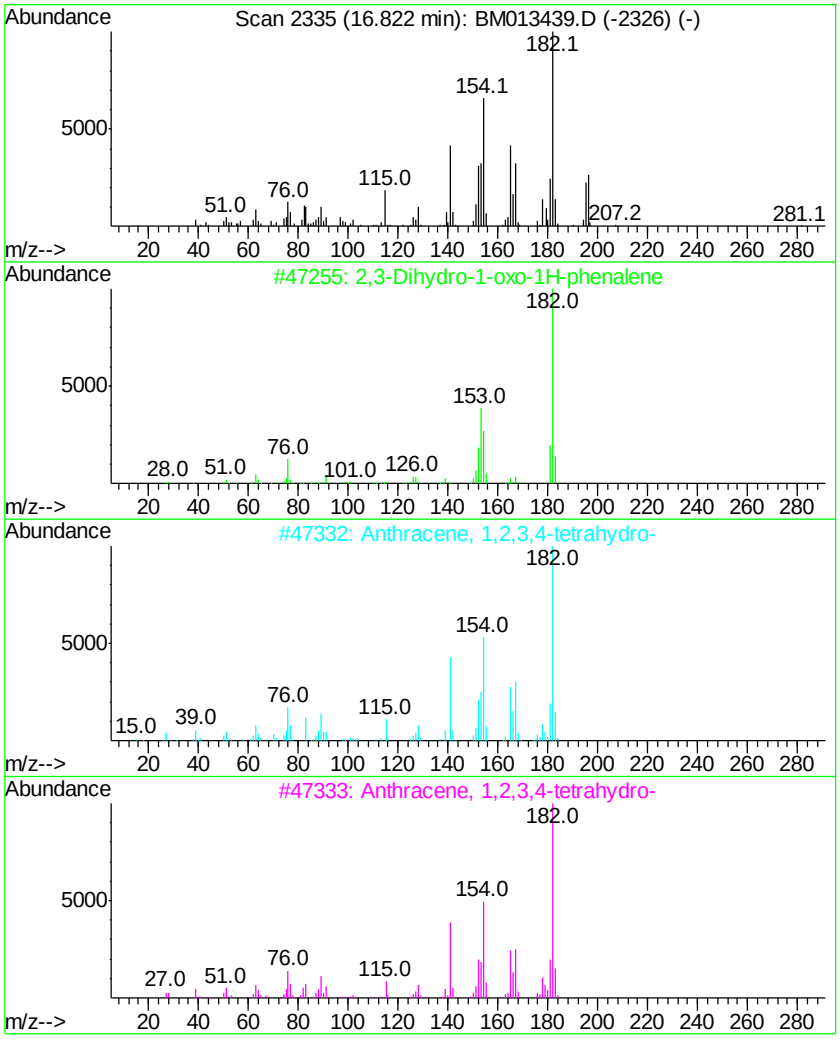
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

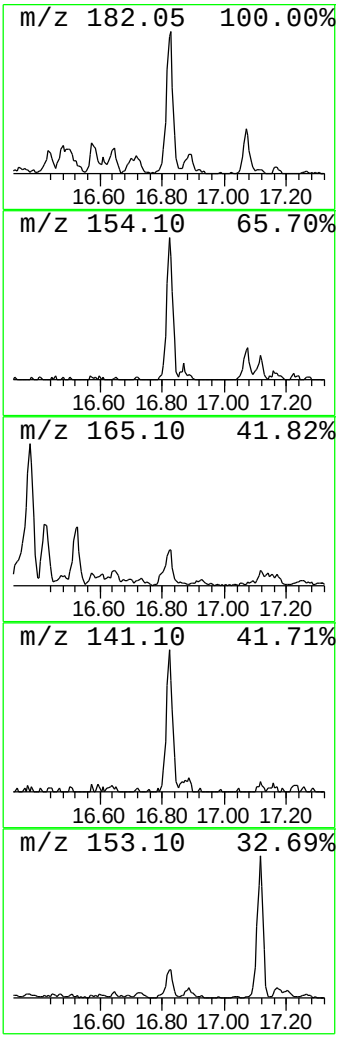
****

Peak Number 9 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.83 ng/ul	556173	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	83
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	76
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	76
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

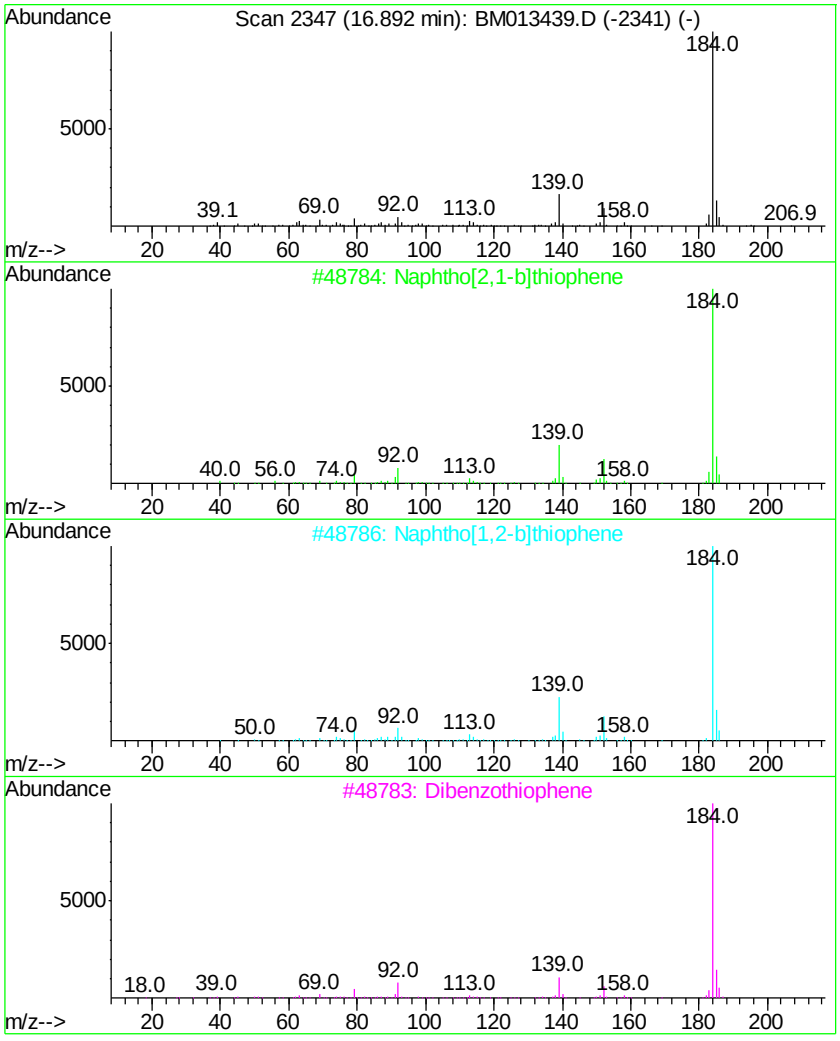
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

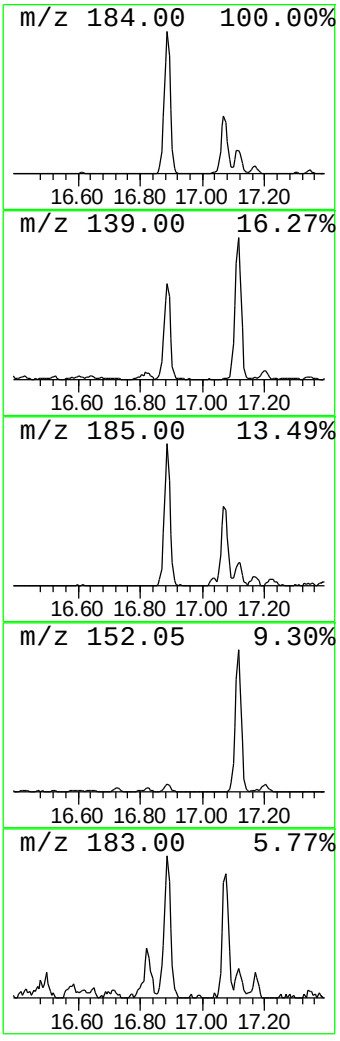
****

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	6.52 ng/ul	947014	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

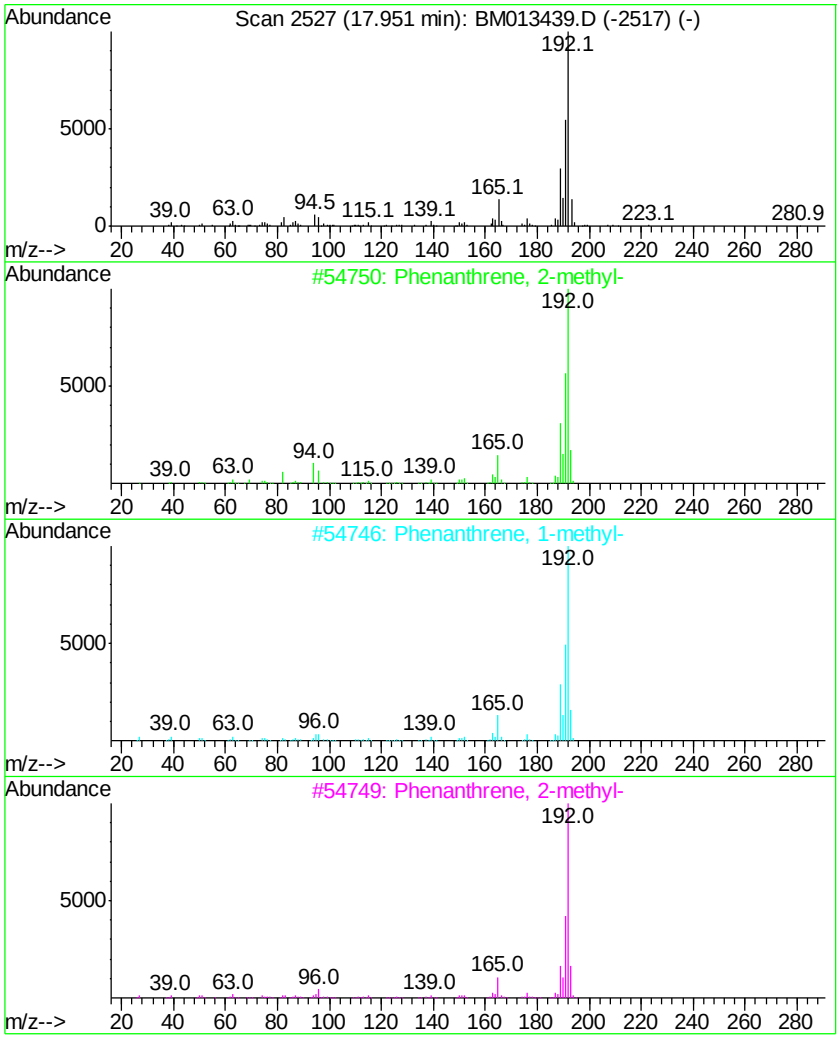
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

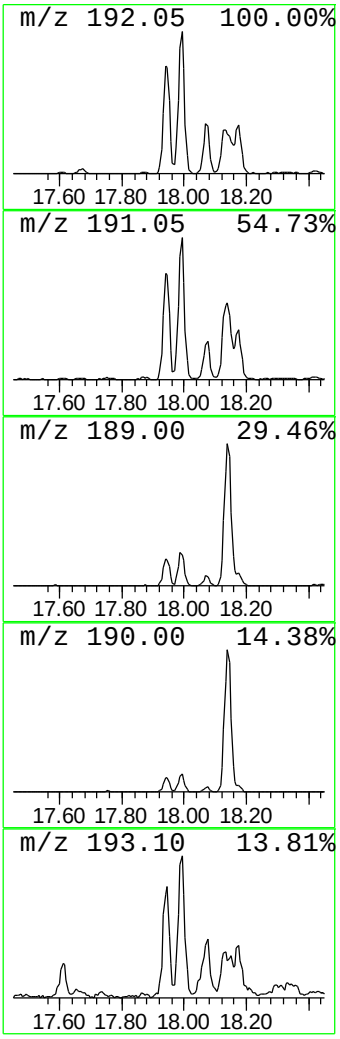
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.24 ng/ul	907103	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

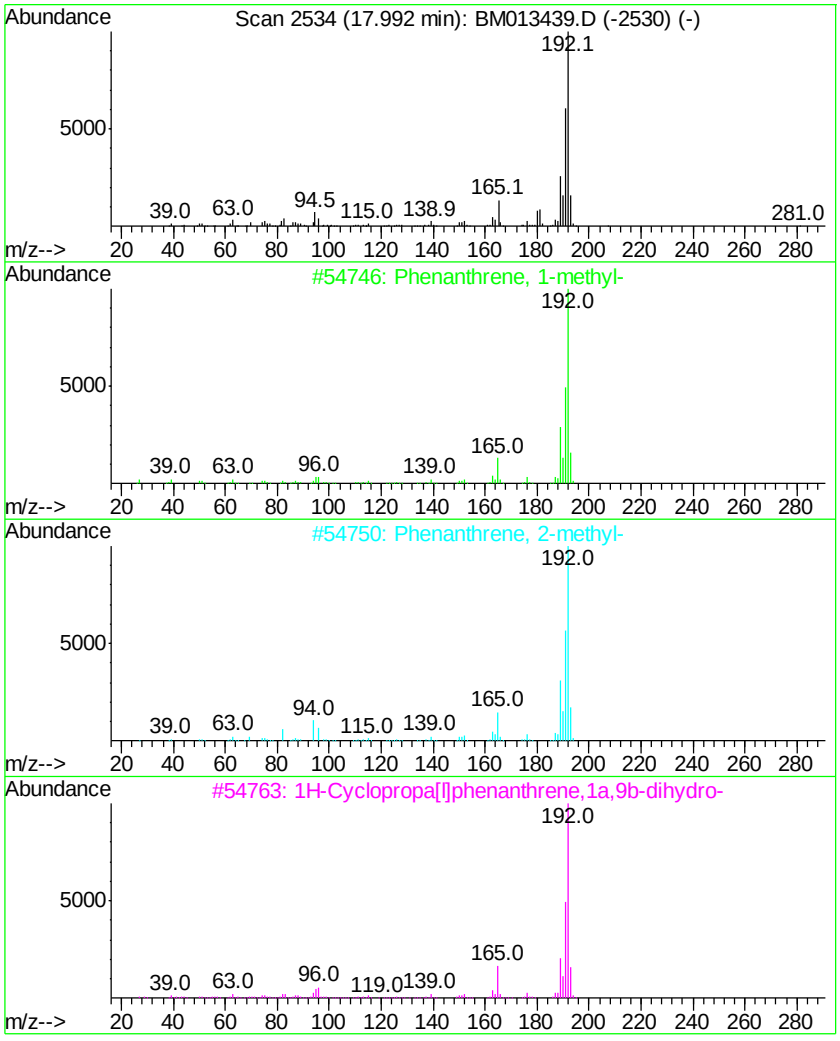
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

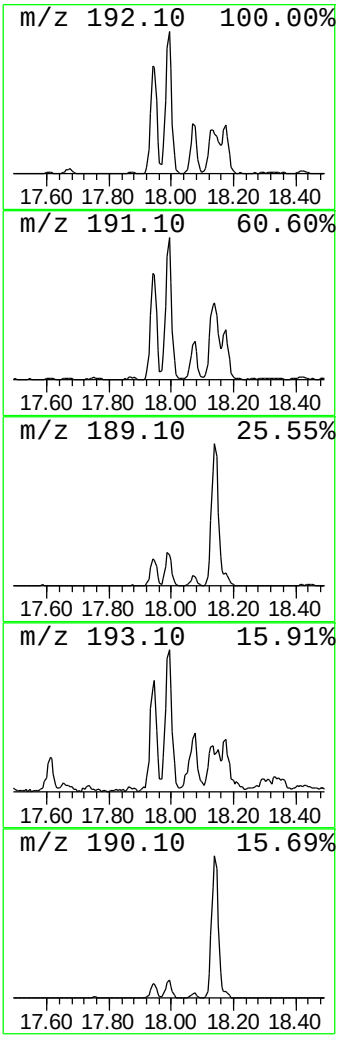
****

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	8.01 ng/ul	1164270	Phenanthrene-d10	17.07

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

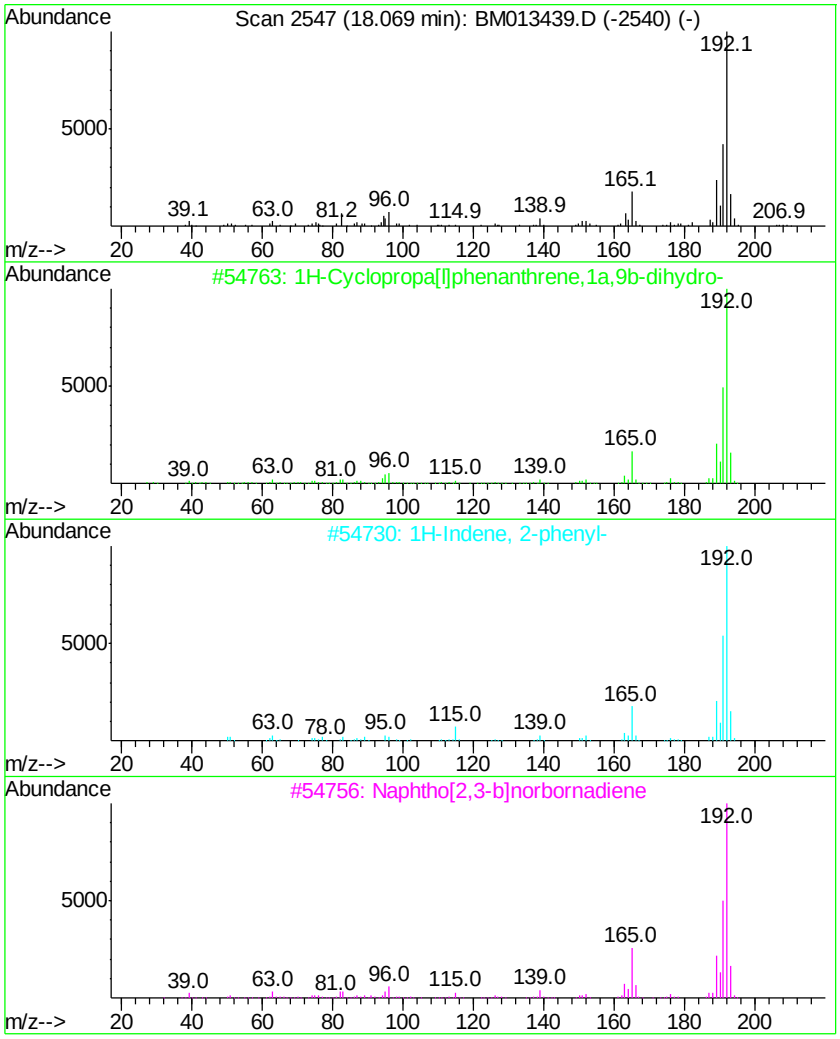
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

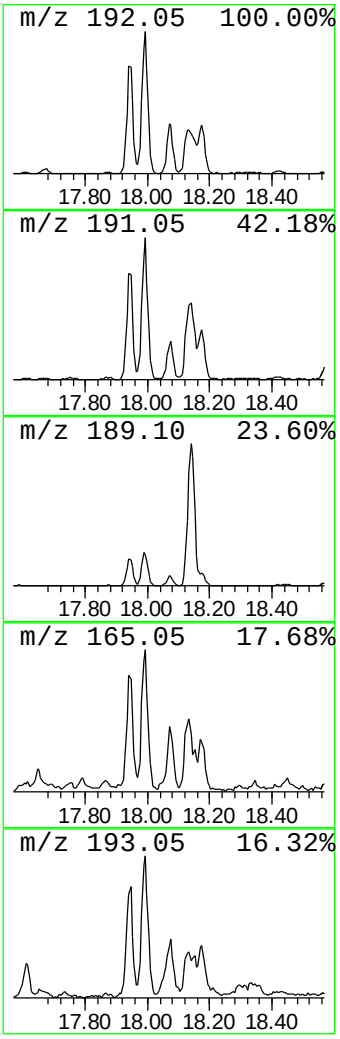
****

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.82 ng/ul	410205	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

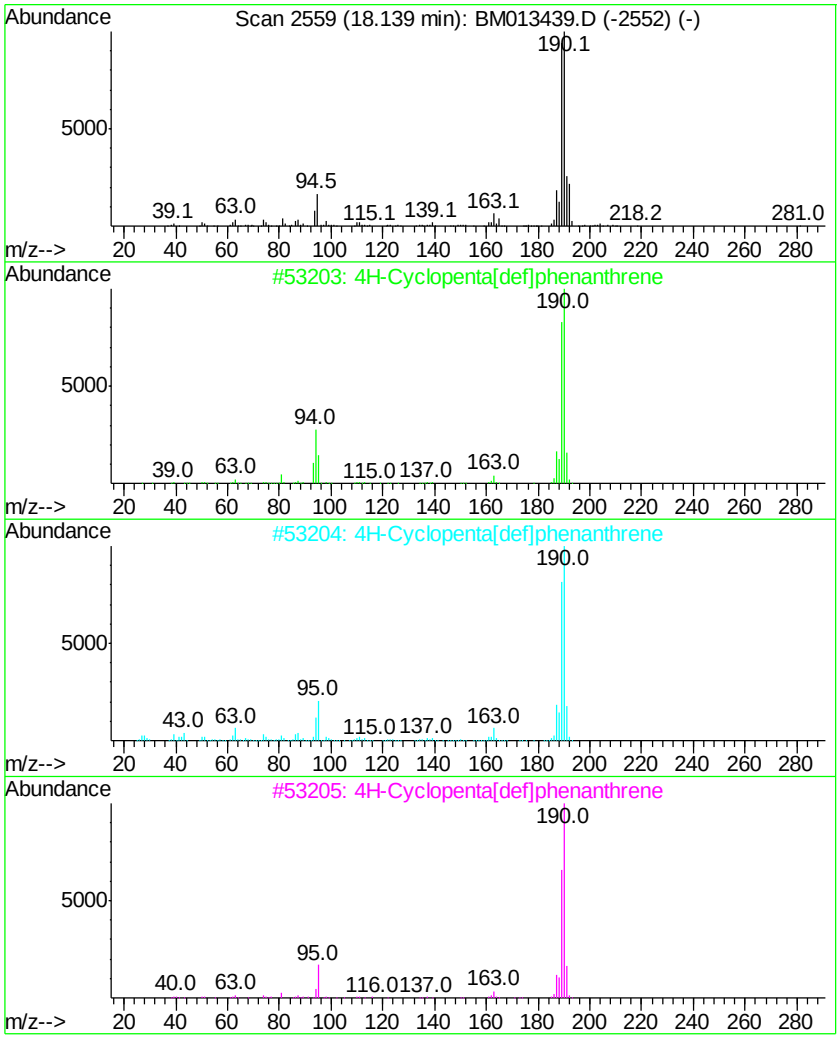
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

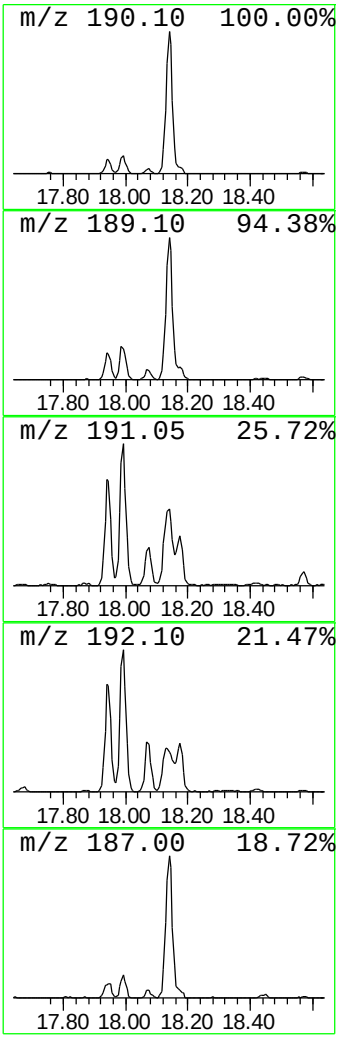
****

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	13.01 ng/ul	1891170	Phenanthrene-d10	17.07

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	72
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

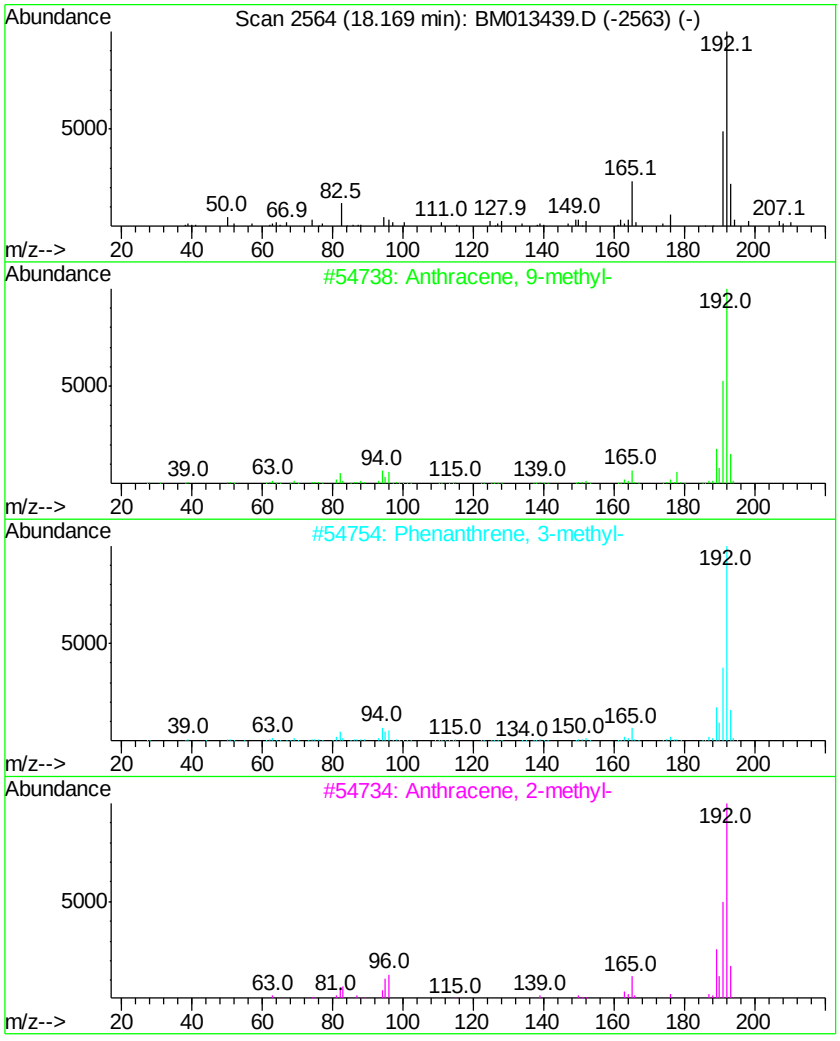
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

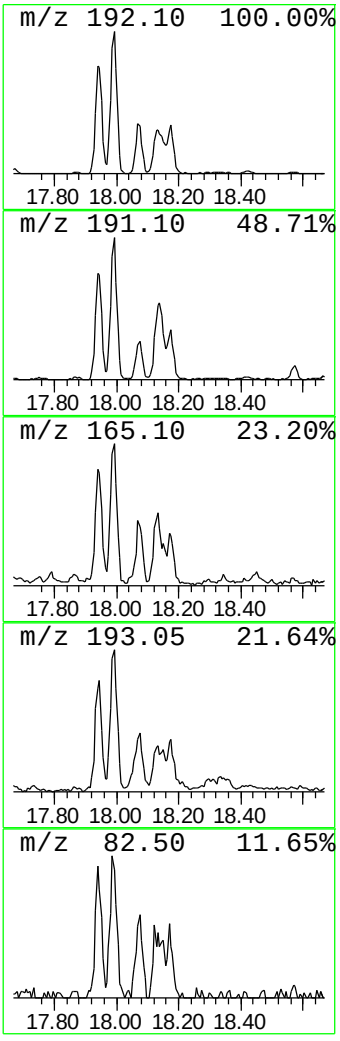
****

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.22 ng/ul	323045	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

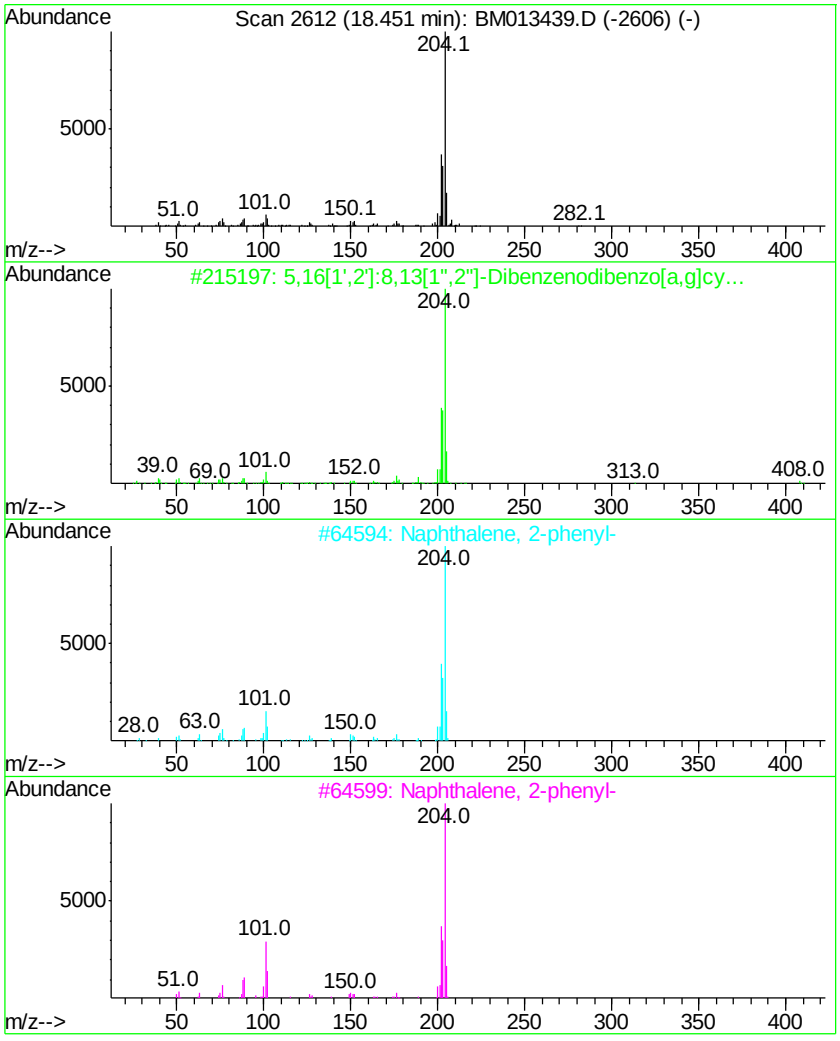
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

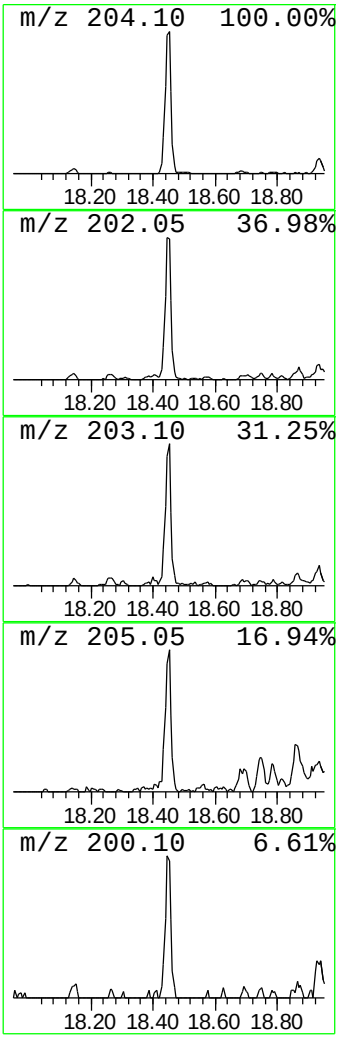
****

Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.91 ng/ul	568396	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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

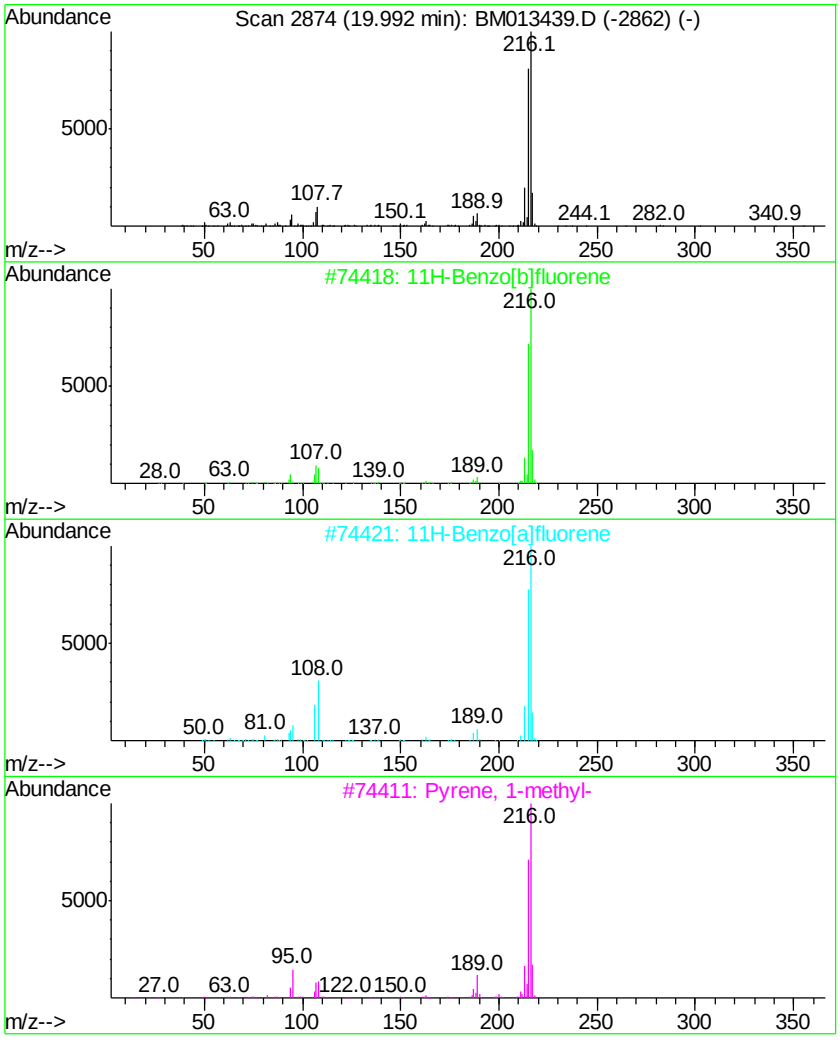
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

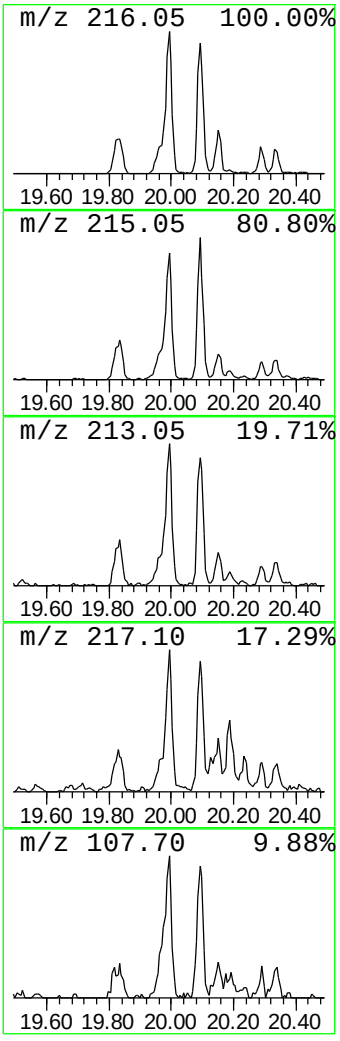
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	4.42 ng/ul	1121470	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013439.D
Acq On : 15 Dec 2017 14:56
Operator : SJ/JU
Sample : I6759-12MEDL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A20MEDL

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
Naphthalene, 1-me...	12.35	4.4	ng/ul	386563	2	10.45	1741880	20.0
Naphthalene, 2,3-...	13.64	3.1	ng/ul	367346	3	14.32	2384720	20.0
Benzene, [1-(2,4-...	14.63	2.1	ng/ul	245329	3	14.32	2384720	20.0
1-Isopropenylnaph...	15.49	2.2	ng/ul	266948	3	14.32	2384720	20.0
Nordiphenamid	15.53	3.9	ng/ul	461694	3	14.32	2384720	20.0
Dibenzofuran, 4-m...	15.67	4.5	ng/ul	531951	3	14.32	2384720	20.0
9H-Fluorene, 1-me...	16.37	2.6	ng/ul	385236	4	17.07	2906730	20.0
2,3-Dihydro-1-oxo...	16.82	3.8	ng/ul	556173	4	17.07	2906730	20.0
Naphtho[2,1-b]thi...	16.89	6.5	ng/ul	947014	4	17.07	2906730	20.0
Phenanthrene, 2-m...	17.95	6.2	ng/ul	907103	4	17.07	2906730	20.0
Phenanthrene, 1-m...	17.99	8.0	ng/ul	1164270	4	17.07	2906730	20.0
1H-Cyclopropa[l]p...	18.07	2.8	ng/ul	410205	4	17.07	2906730	20.0
4H-Cyclopenta[def...	18.14	13.0	ng/ul	1891170	4	17.07	2906730	20.0
Anthracene, 9-met...	18.17	2.2	ng/ul	323045	4	17.07	2906730	20.0
5,16[1',2']:8,13[...	18.45	3.9	ng/ul	568396	4	17.07	2906730	20.0
11H-Benzo[b]fluorene	19.99	4.4	ng/ul	1121470	5	21.26	5069270	20.0