LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

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-BM021418.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	6.734	632	637	648	rBV	176034	347420	2.56%	0.383%
2	6.869	655	660	669	rBV	136086	222625	1.64%	0.246%
3	7.063	686	693	701	rVB	224707	365418	2.70%	0.403%
4	7.516	764	770	777	rBV	268675	433592	3.20%	0.478%
5	8.251	889	895	903	rBV	233112	449589	3.32%	0.496%
6	8.681	962	968	975	rBV	226136	391800	2.89%	0.432%
7	9.398	1084	1090	1101	rVB	191982	354427	2.62%	0.391%
8	9.945	1176	1183	1193	rBV	276099	547387	4.04%	0.604%
9	10.292	1235	1242	1247	rBV	398138	684035	5.05%	0.755%
10	10.457	1263	1270	1282	rBV2	207478	475964	3.51%	0.525%
11	13.492	1780	1786	1792	rBV3	90023	170481	1.26%	0.188%
12	13.604	1800	1805	1809	rBV	572526	797050	5.88%	0.880%
13	13.651	1809	1813	1820	rVB	195396	280002	2.07%	0.309%
14	13.869	1839	1850	1854	rBV	703294	1125355	8.30%	1.242%
15	14.180	1896	1903	1909	rBV2	690266	1073434	7.92%	1.185%
16	14.245	1909	1914	1924	rVB	215535	364034	2.69%	0.402%
17	14.486	1949	1955	1963	rBV5	140436	376709	2.78%	0.416%
18	14.586	1966	1972	1978	rVV	340434	499185	3.68%	0.551%
19	15.186	2068	2074	2079	rBV	854731	1228837	9.07%	1.356%
20	15.239	2079	2083	2088	rVB	611083	873419	6.44%	0.964%
21	15.539	2129	2134	2140	rVB	174624	270009	1.99%	0.298%
22	15.686	2150	2159	2166	rBV	199335	459311	3.39%	0.507%
23	15.927	2193	2200	2207	rBV8	83341	218477	1.61%	0.241%
24	16.251	2248	2255	2260	rBV4	170745	325345	2.40%	0.359%
25	16.610	2312	2316	2322	rBV	252149	369639	2.73%	0.408%
26	16.762	2337	2342	2351	rVB	381985	570979	4.21%	0.630%
27	16.945	2368	2373	2376	rBV	872190	1284213	9.48%	1.417%
28	16.992	2376	2381	2386	rVV	7638798	10357439	76.42%	11.430%
29	17.045	2386	2390	2393	rVV	1059443	1533492	11.32%	1.692%
30	17.080	2393	2396	2401	rVV	1637489	2090398	15.42%	2.307%
31	17.151	2403	2408	2413	rVB4	116059	198953	1.47%	0.220%
32	17.368	2441	2445	2451	rVB	609624	828835	6.12%	0.915%
33	17.821	2518	2522	2525	rBV	673901	888299	6.55%	0.980%
34	17.874	2525	2531	2538	rVB	999234	1700248	12.55%	1.876%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

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-BM021418.M
Title : SVOA CALIBRATION

35	17.957	2541	2545	2549	rVV	314900	427661	3.16%	0.472%
36	18.021	2550	2556	2559	rVV2	963949	1683525	12.42%	1.858%
37	18.057	2560	2562	2570	rVB	445886	513515	3.79%	0.567%
38	18.139	2573	2576	2580	rVB4	125825	186426	1.38%	0.206%
39	18.327	2605	2608	2614	rVB	493227	657239	4.85%	0.725%
40	18.392	2615	2619	2625	rVV2	303521	452461	3.34%	0.499%
41	18.751	2677	2680	2686	rBV2	316472	433274	3.20%	0.478%
42	19.027	2721	2727	2732	rBV	9936752	13552615	100.00%	14.956%
43	19.127	2741	2744	2745	rBV2	208261	216239	1.60%	0.239%
44	19.362	2779	2784	2786	rBV2	2535793	3932322	29.02%	4.340%
45	19.398	2786	2790	2797	rVB	7583596	10032255	74.02%	11.071%
46	19.462	2797	2801	2806	rBV2	415072	744779	5.50%	0.822%
47	19.568	2817	2819	2823	rVB	412767	531119	3.92%	0.586%
48	19.892	2871	2874	2878	rVB	1143544	1358211	10.02%	1.499%
49	19.992	2888	2891	2895	rBV	740936	961111	7.09%	1.061%
50	21.156	3084	3089	3094	rBV2	5093565	9007147	66.46%	9.940%
51	21.203	3094	3097	3102	rVB	3709736	4495896	33.17%	4.962%
52	22.709	3348	3353	3358	rBV	2676543	5464976	40.32%	6.031%
53	23.262	3443	3447	3456	rVB	2291420	3808005	28.10%	4.202%

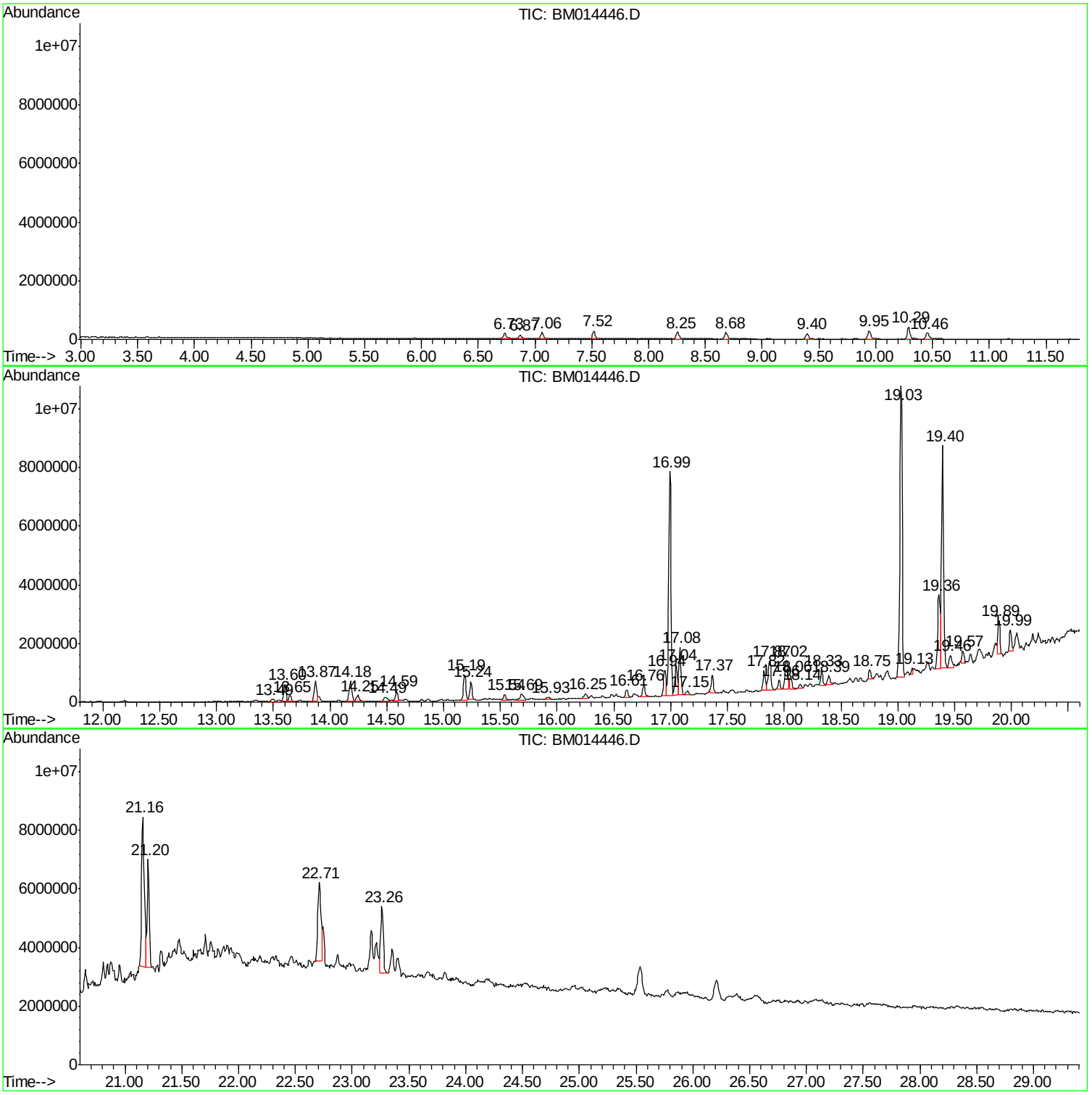
Sum of corrected areas: 90615176

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

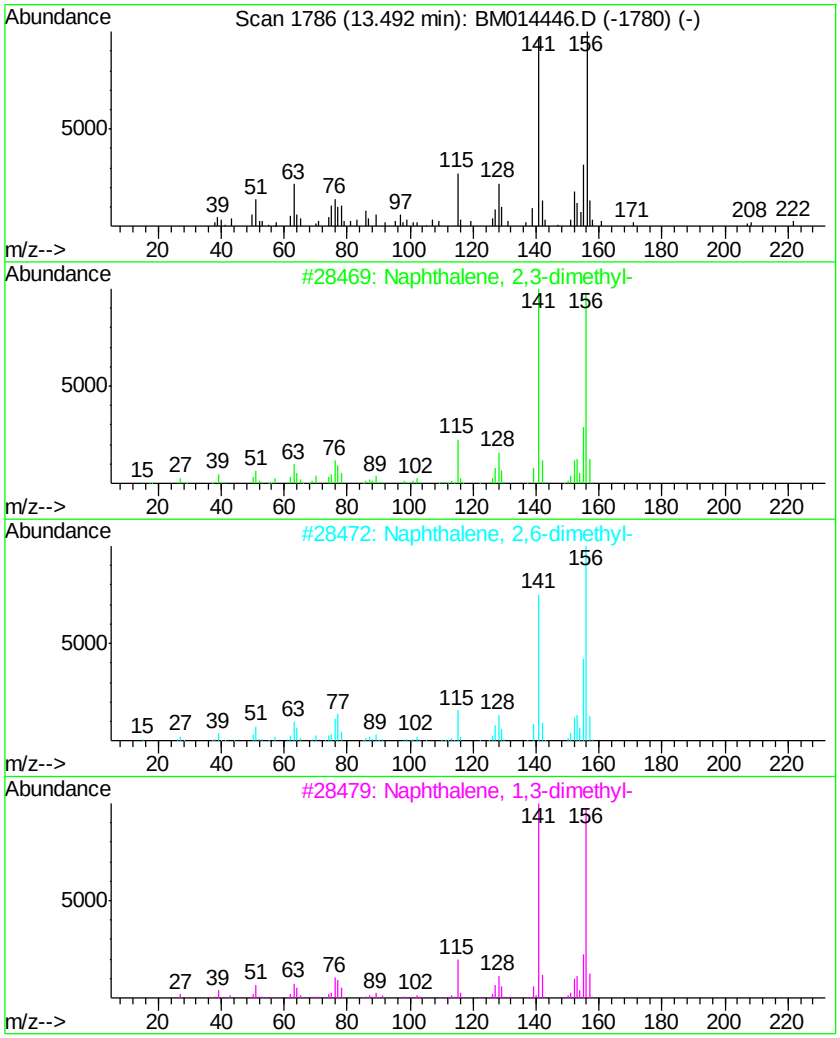
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

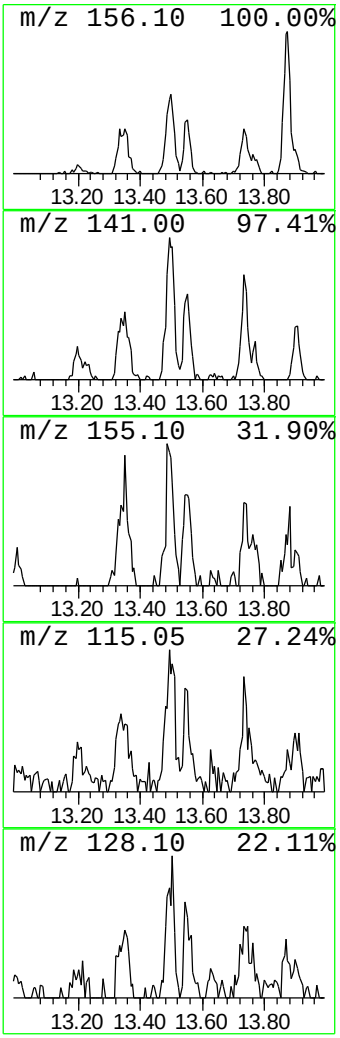
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.18 ng/ul	170481	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

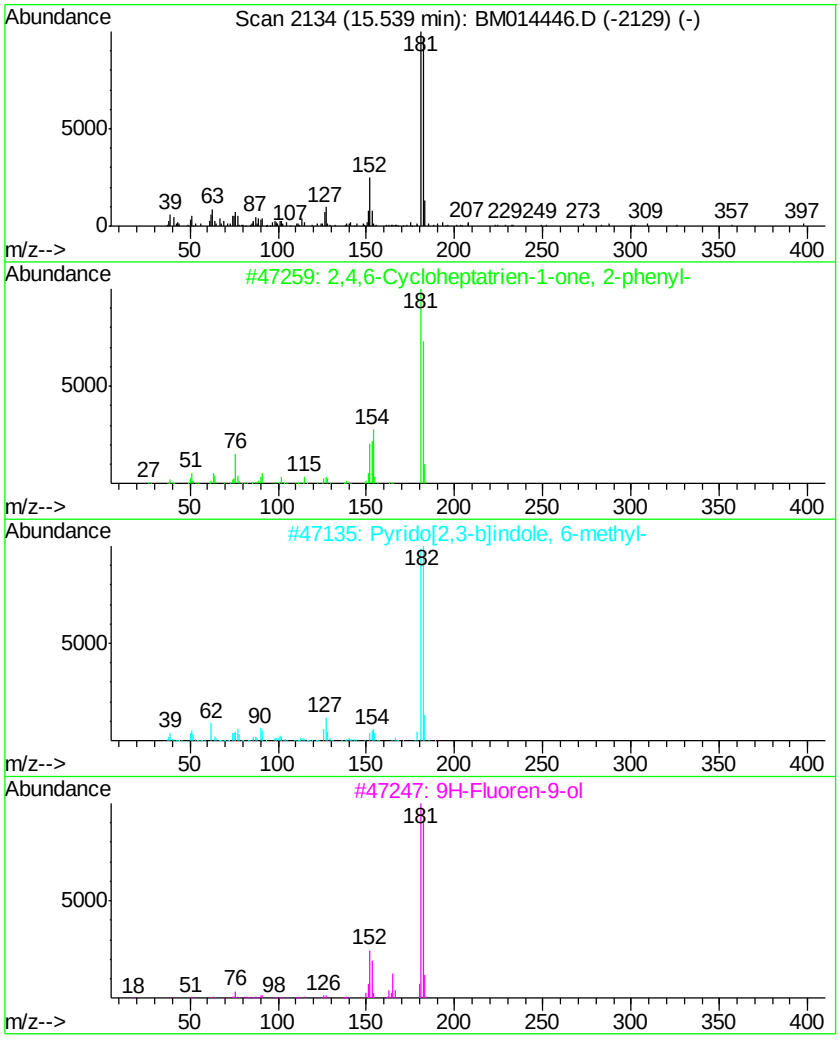
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

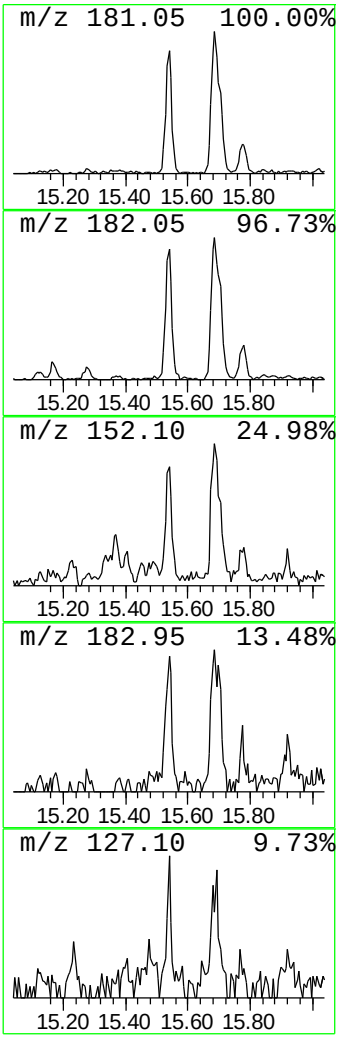
****

Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	5.03 ng/ul	270009	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

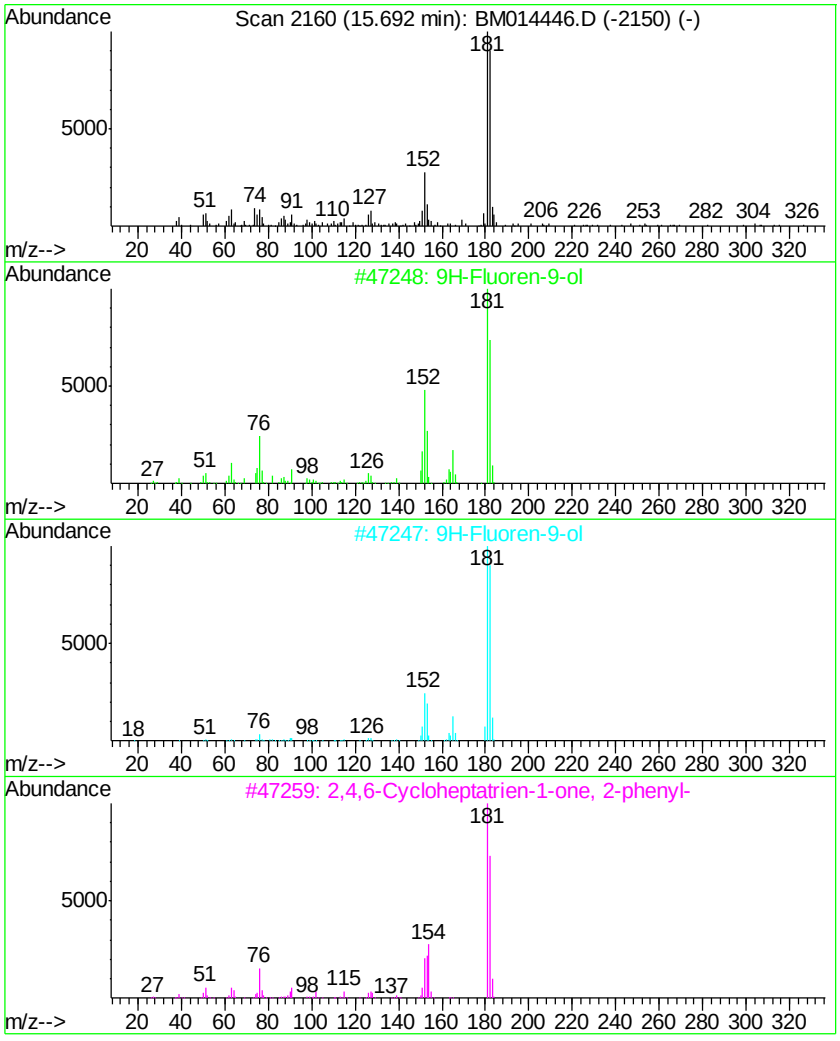
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

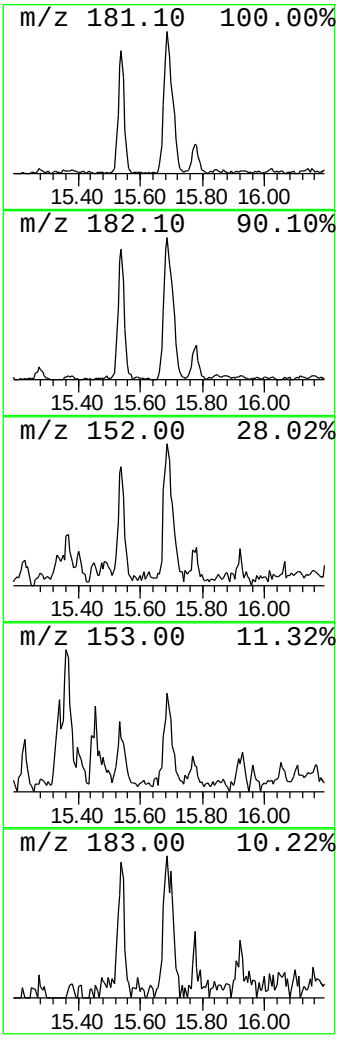
****

Peak Number 3 9H-Fluoren-9-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	7.15 ng/ul	459311	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	81
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

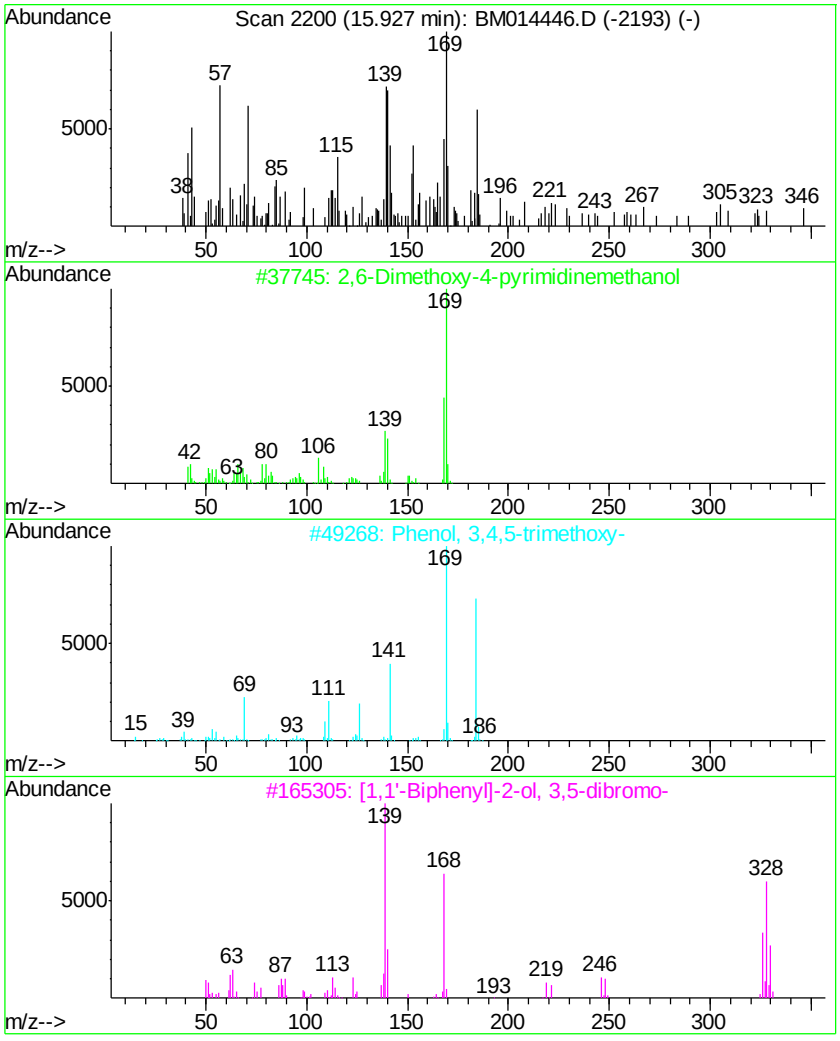
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

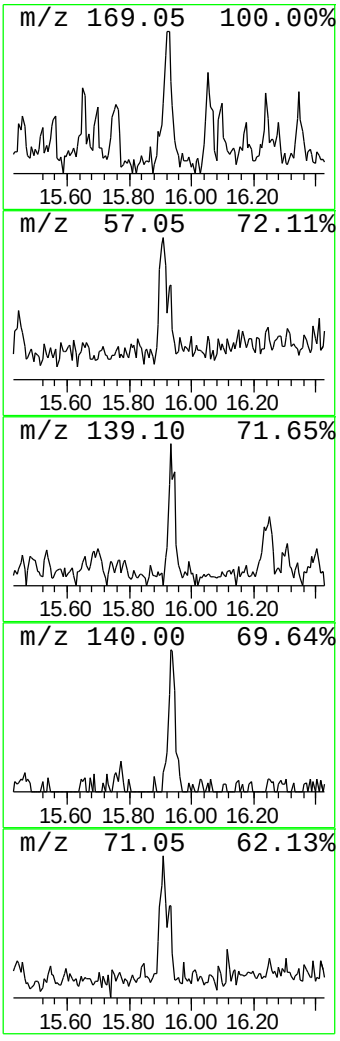
****

Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.40 ng/ul	218477	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethoxy-4-pyrimidinemethanol	169	C8H11NO3	052606-06-1	27
2	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	27
3	[1,1'-Biphenyl]-2-ol, 3,5-dibromo-	326	C12H8Br2O	055815-20-8	27
4	[1,1'-Biphenyl]-2-ol, acetate	212	C14H12O2	003271-80-5	22
5	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

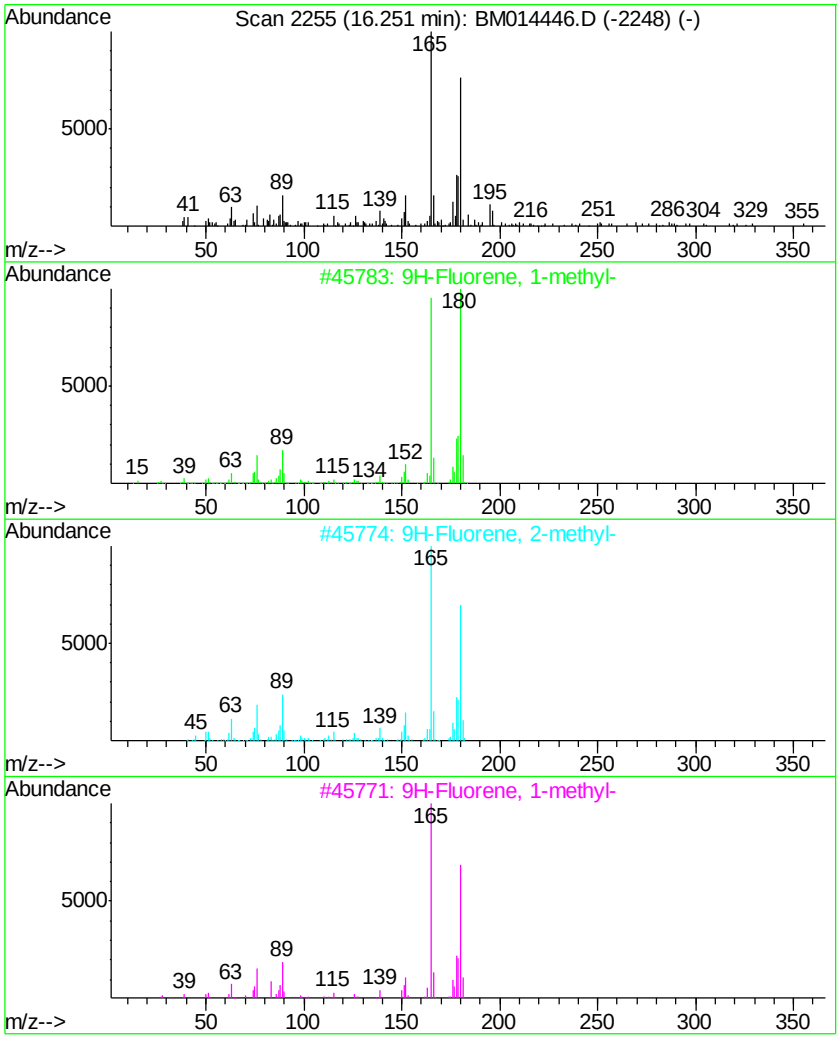
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

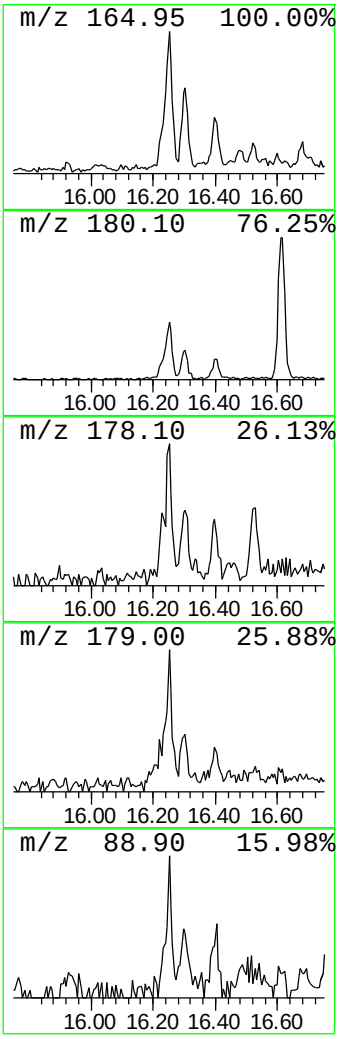
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	5.07 ng/ul	325345	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

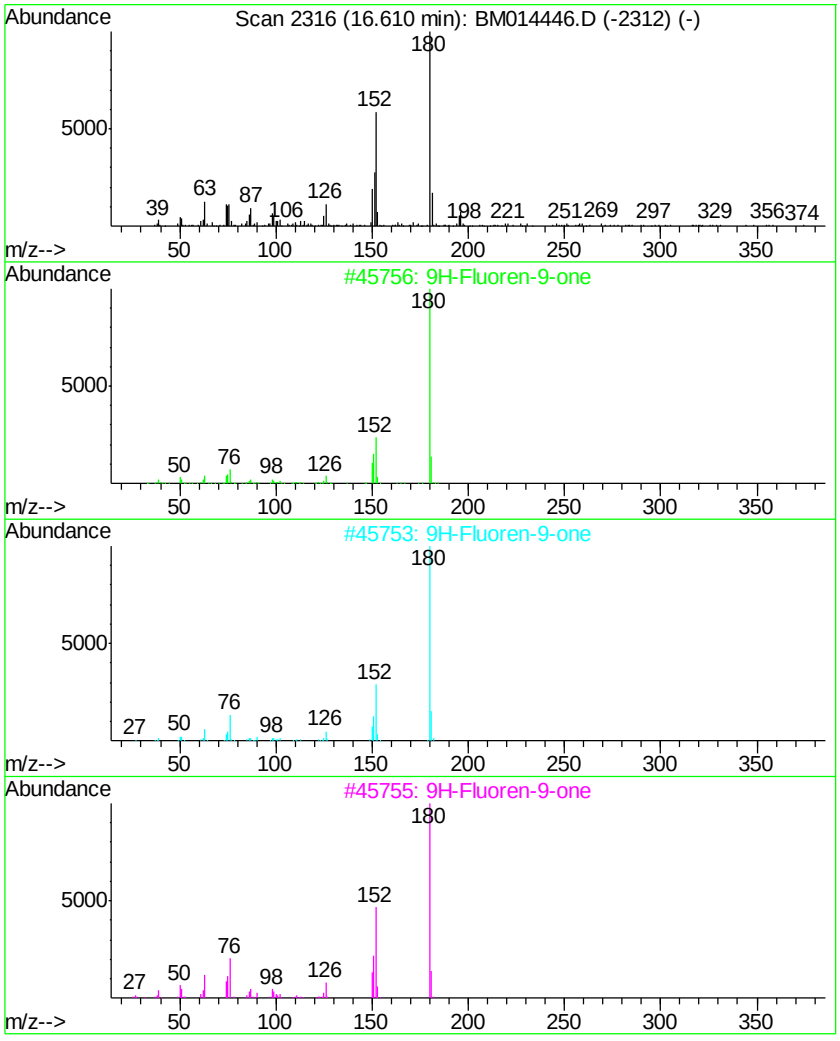
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

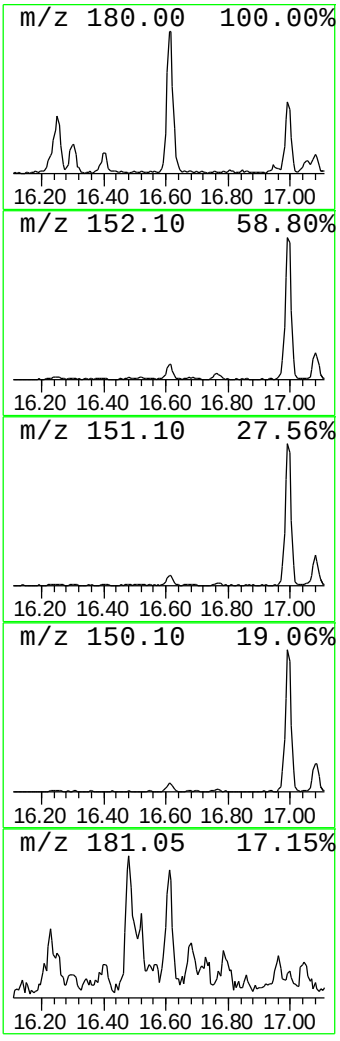
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	5.76 ng/ul	369639	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Diphenic anhydride	224	C14H8O3	006050-13-1	87
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

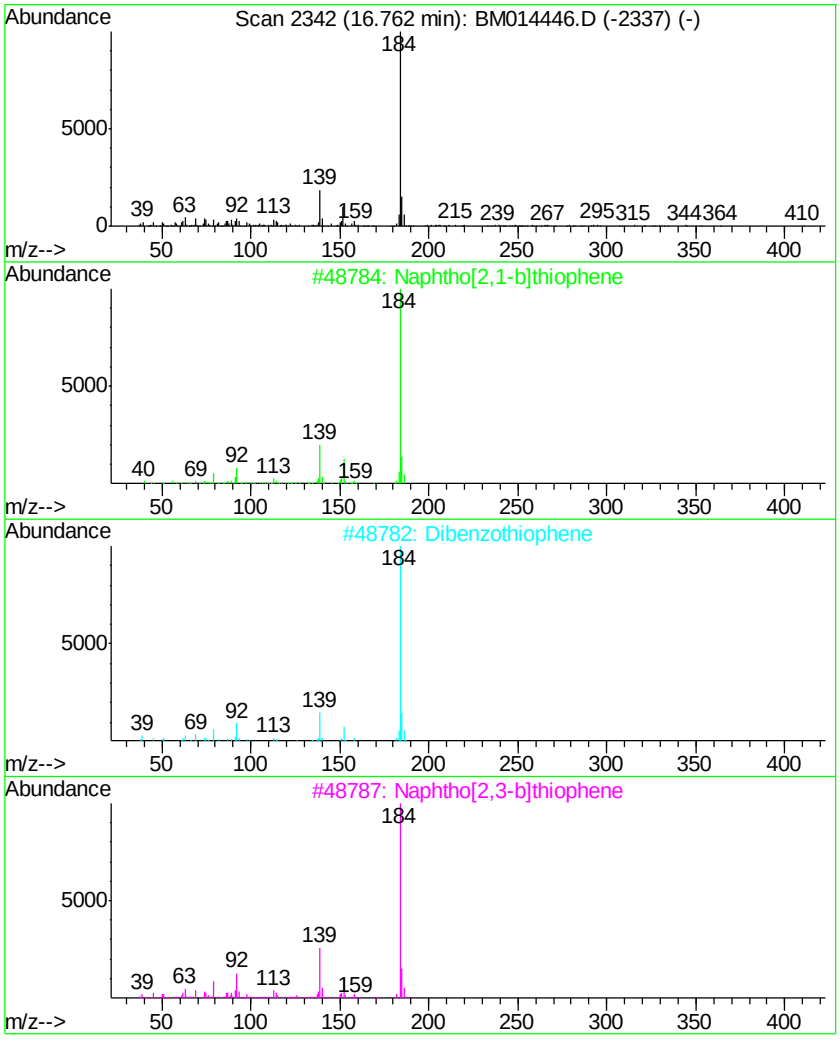
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

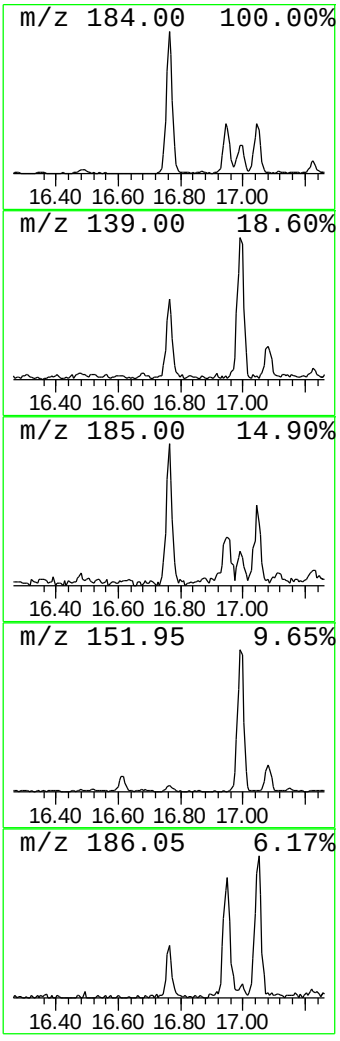
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	8.89 ng/ul	570979	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

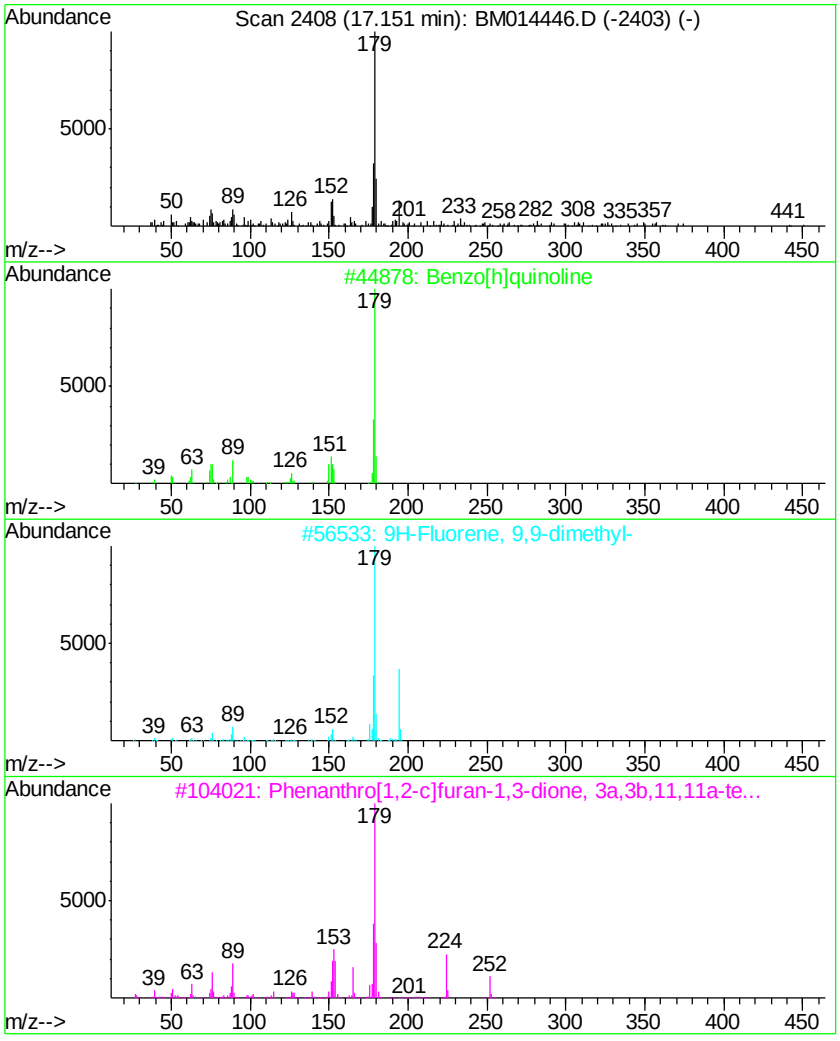
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

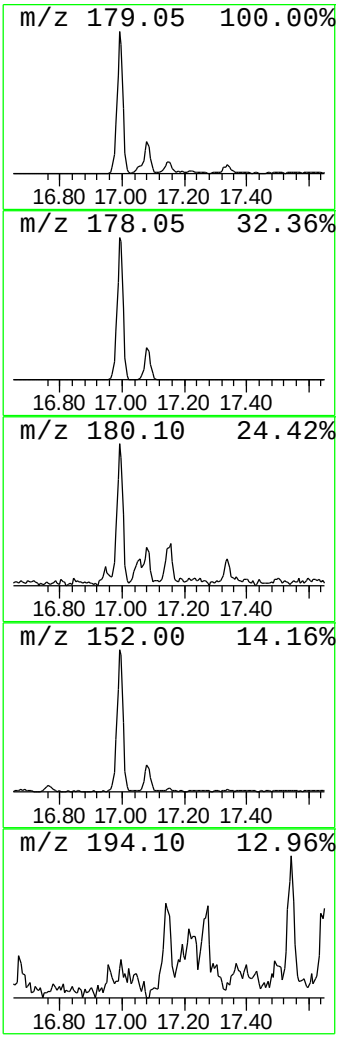
****

Peak Number 8 Benzo[h]quinoline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	3.10 ng/ul	198953	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	90
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	83
3	Phenanthro[1,2-c]furan-1,3-dione...	252	C16H12O3	063084-72-0	83
4	Acridine	179	C13H9N	000260-94-6	81
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	74





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

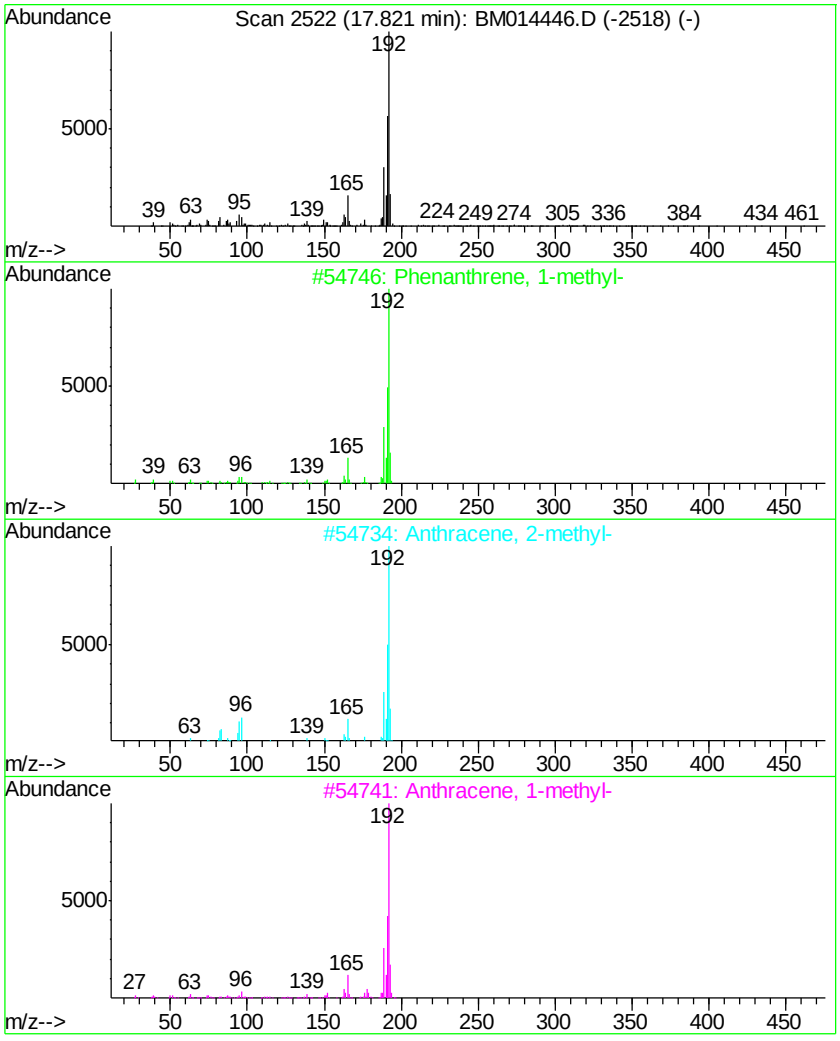
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

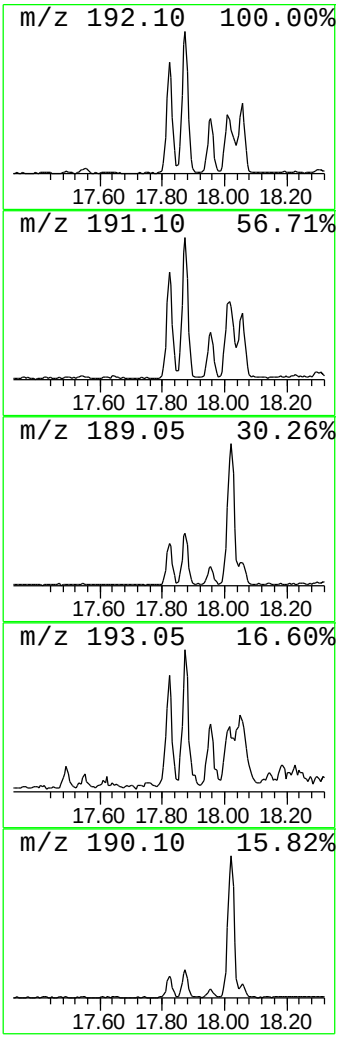
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	13.83 ng/ul	888299	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

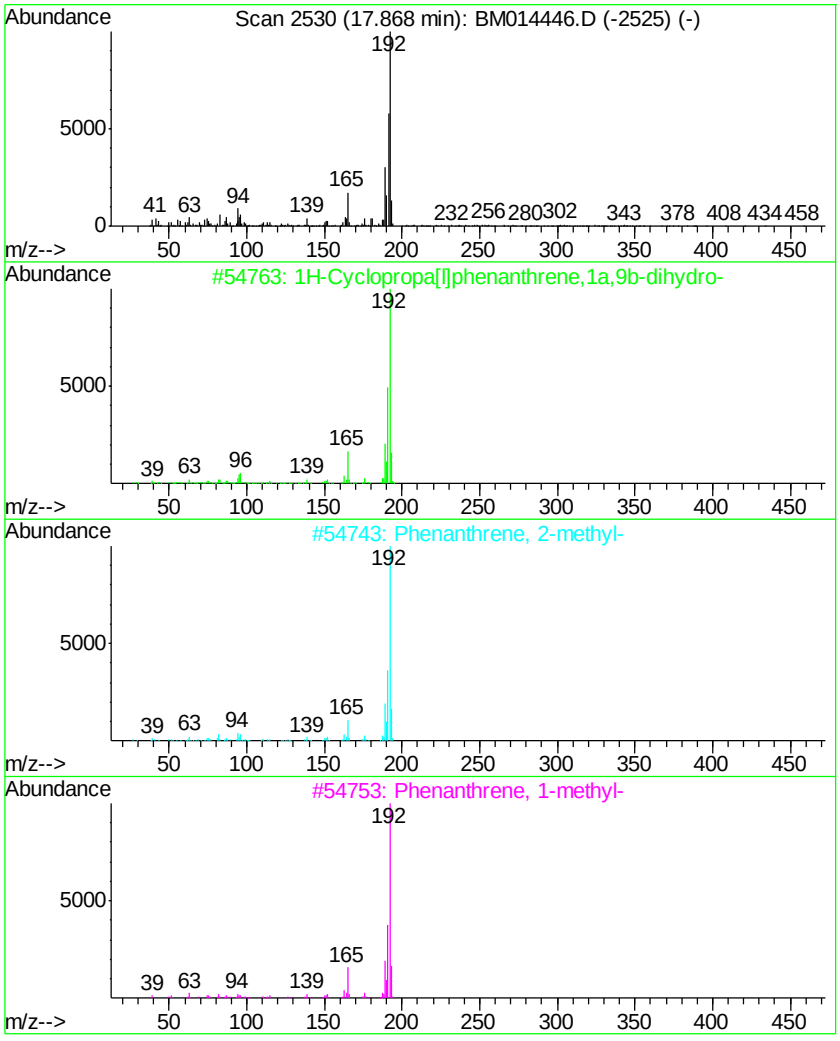
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

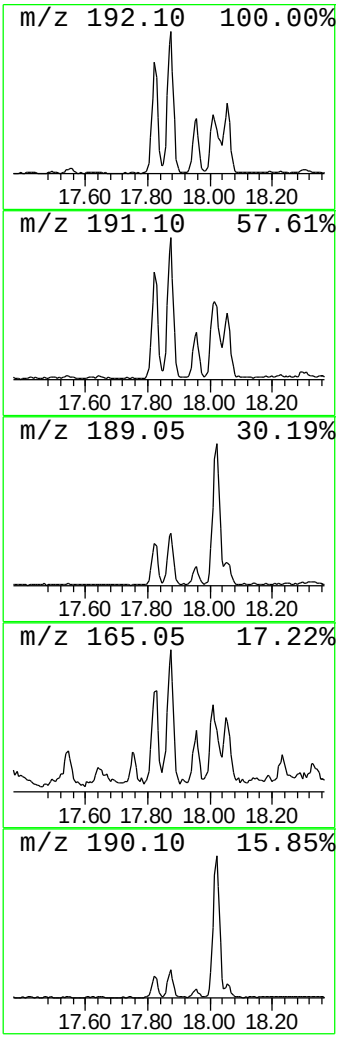
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	26.48 ng/ul	1700250	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

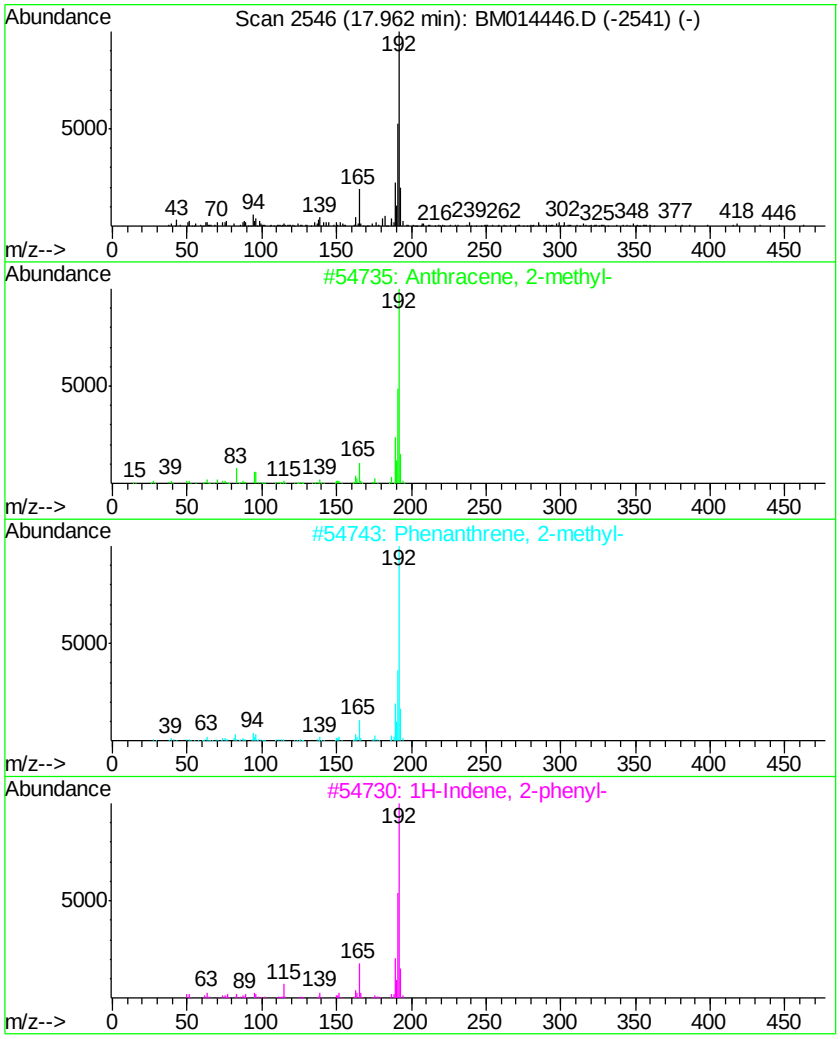
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

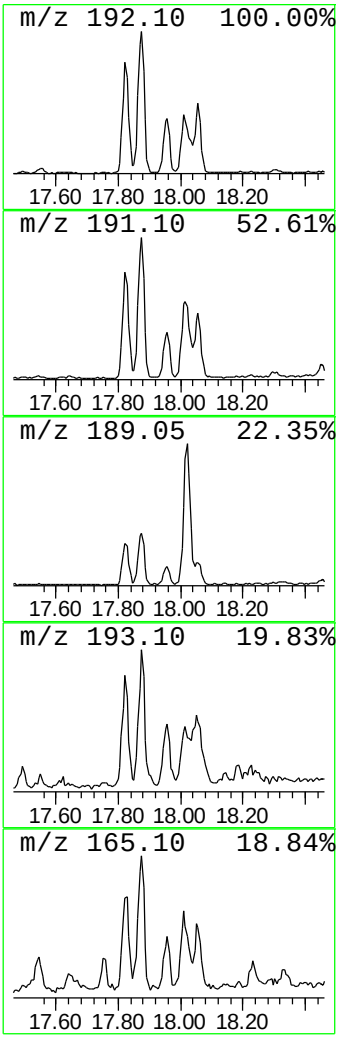
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	6.66 ng/ul	427661	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

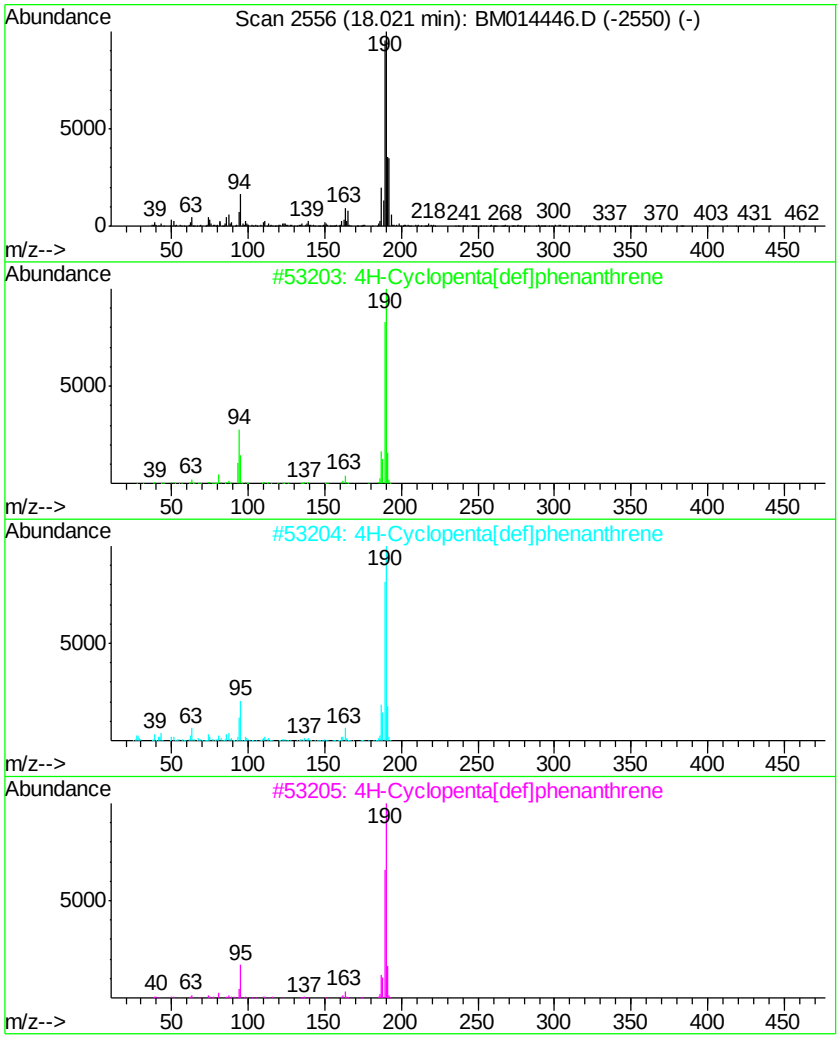
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

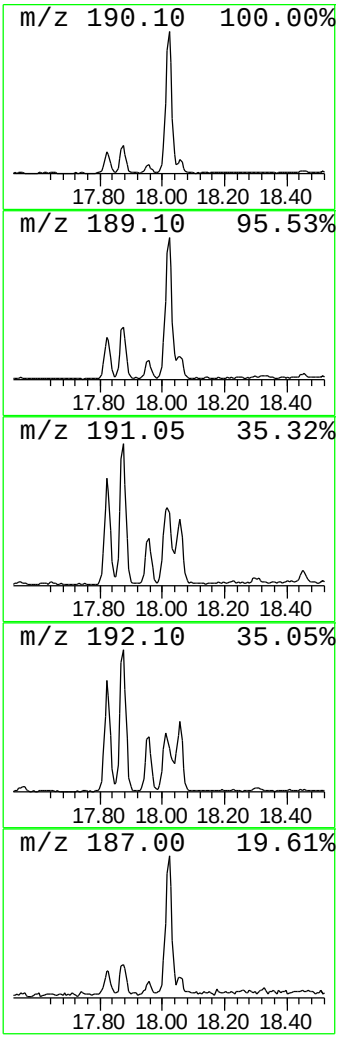
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	26.22 ng/ul	1683530	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

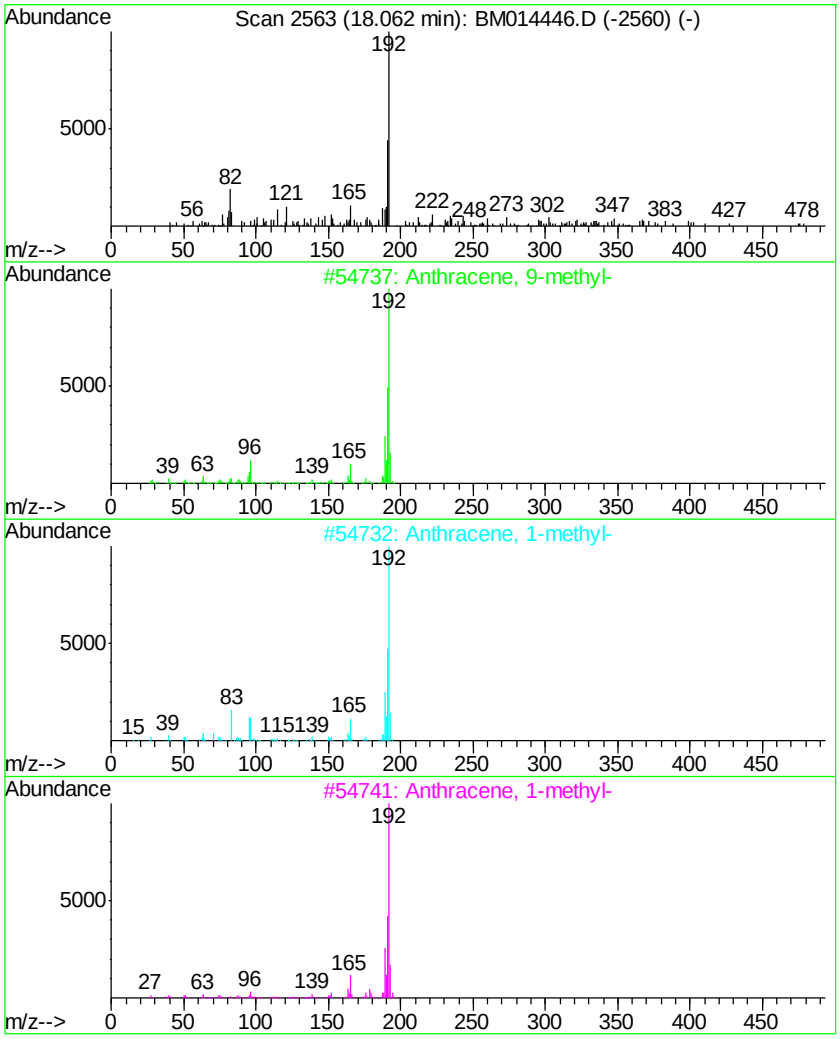
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

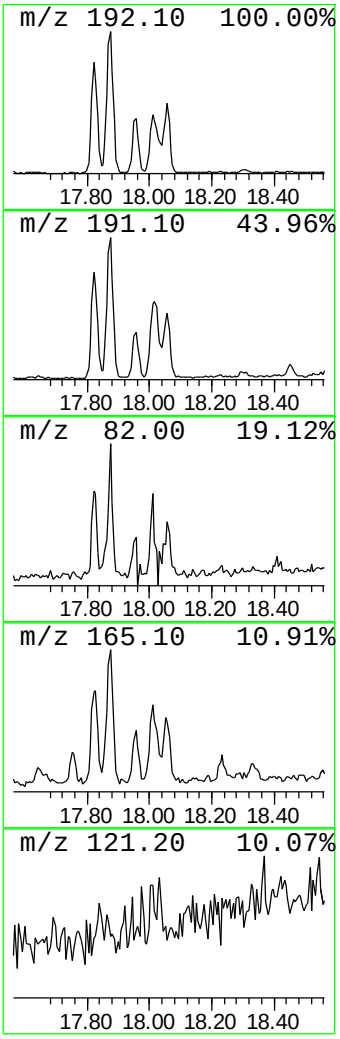
****

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.00 ng/ul	513515	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

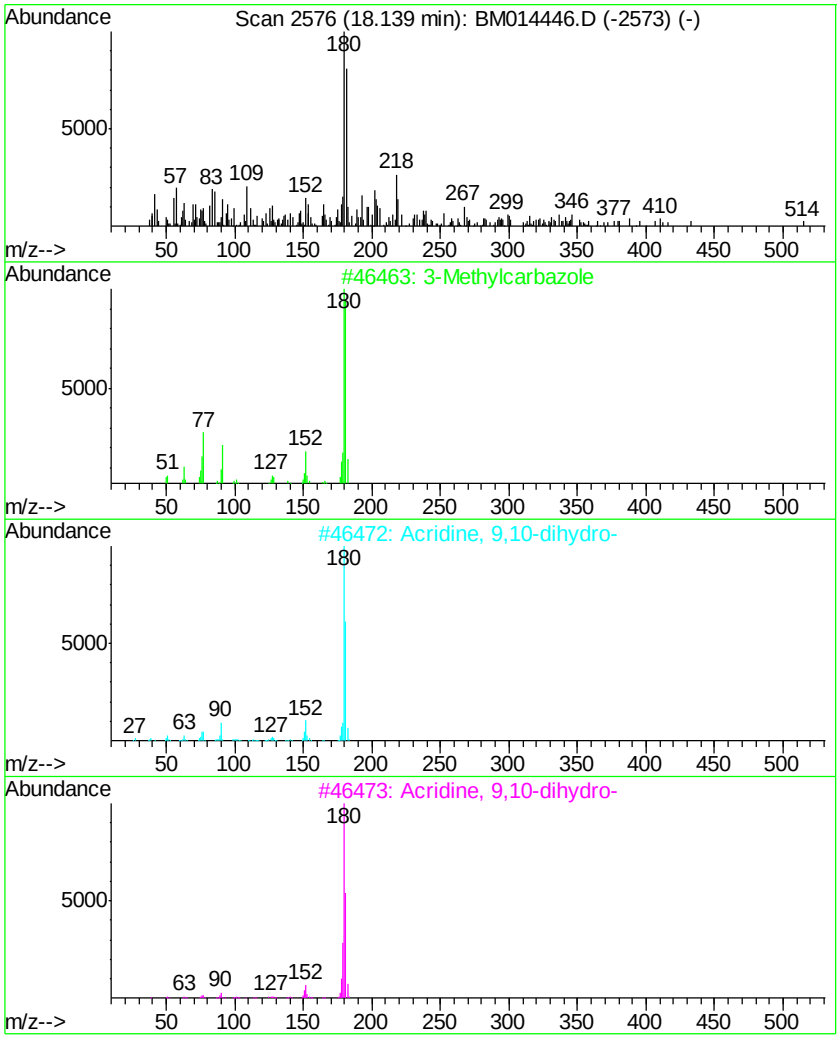
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

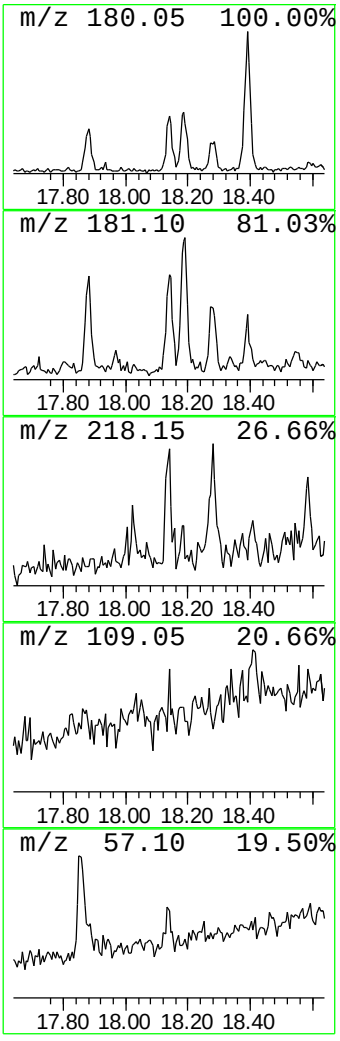
****

Peak Number 14 3-Methylcarbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.90 ng/ul	186426	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	70
2	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	62
3	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	58
4	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	43
5	2-Fluorenamine	181	C13H11N	000153-78-6	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

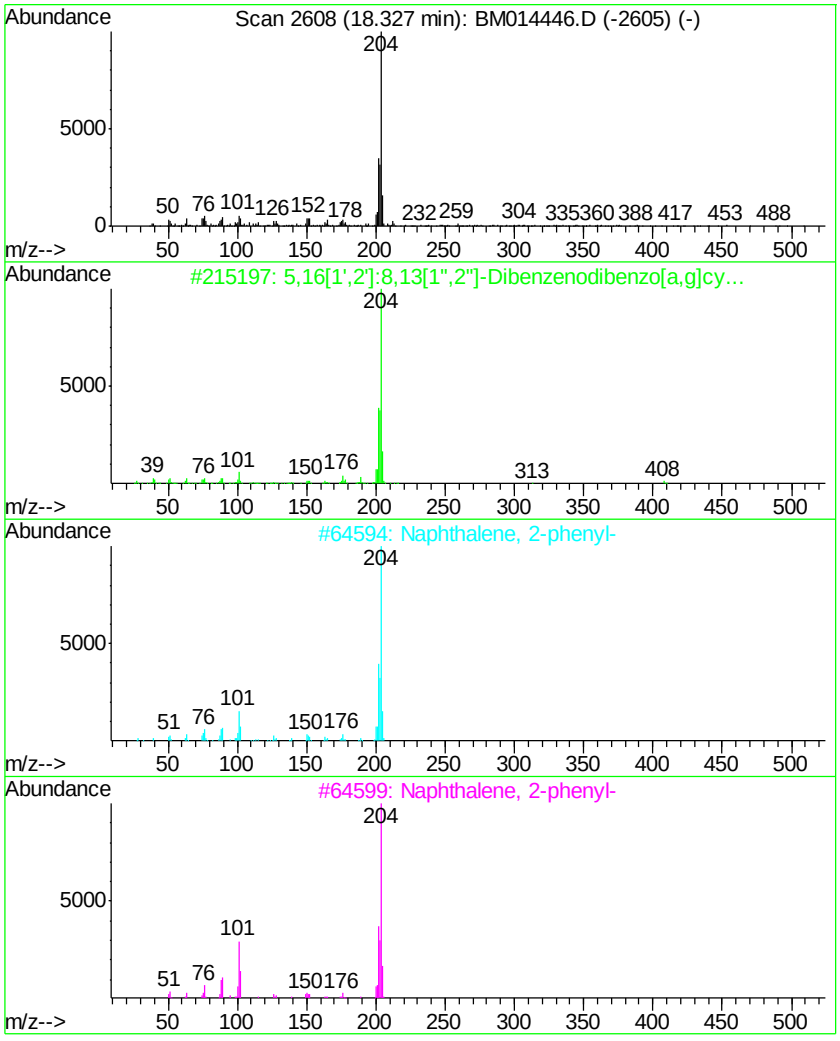
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

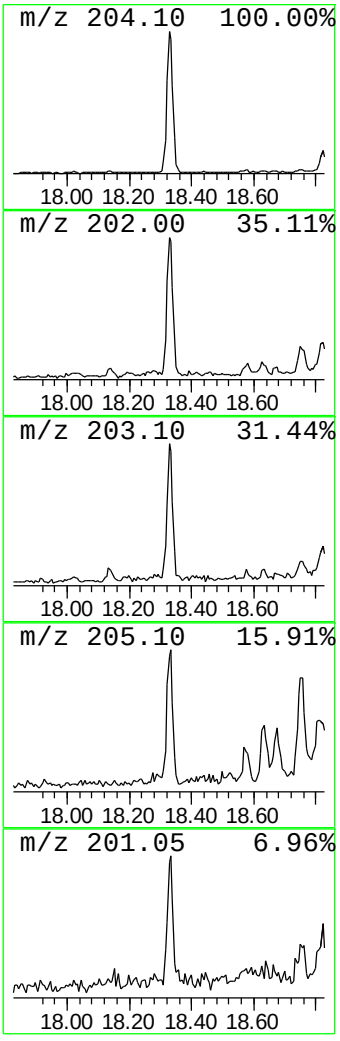
****

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	10.24 ng/ul	657239	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

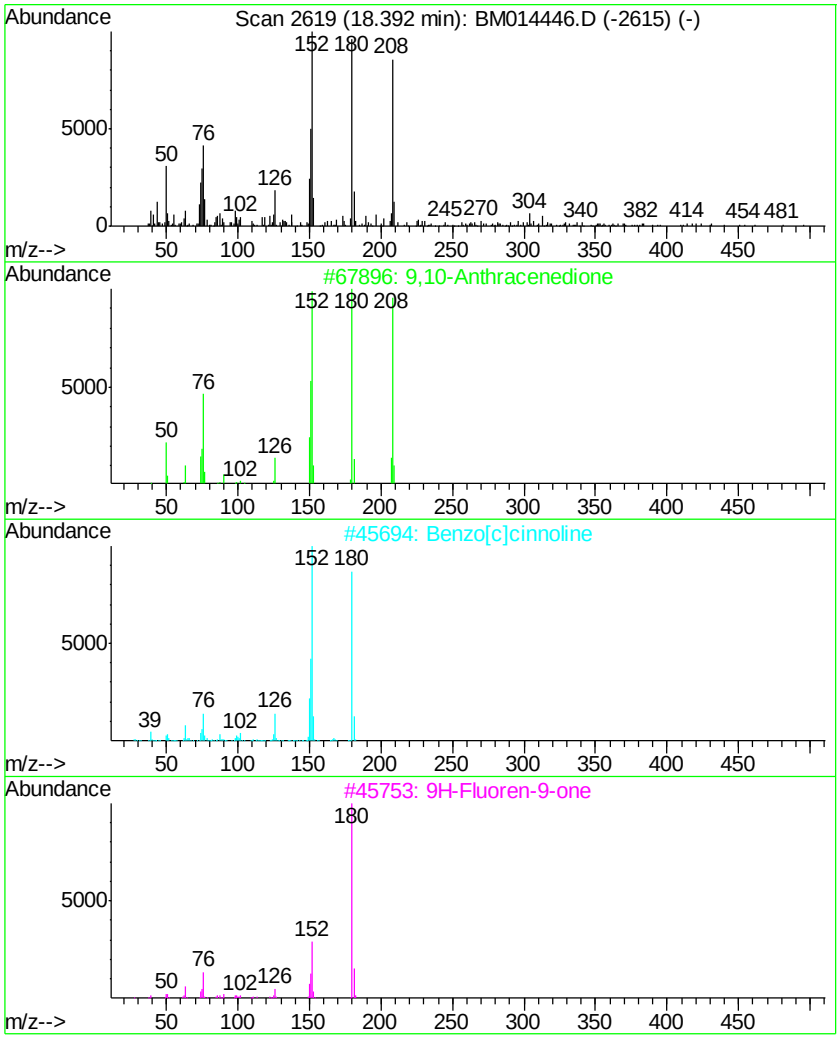
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

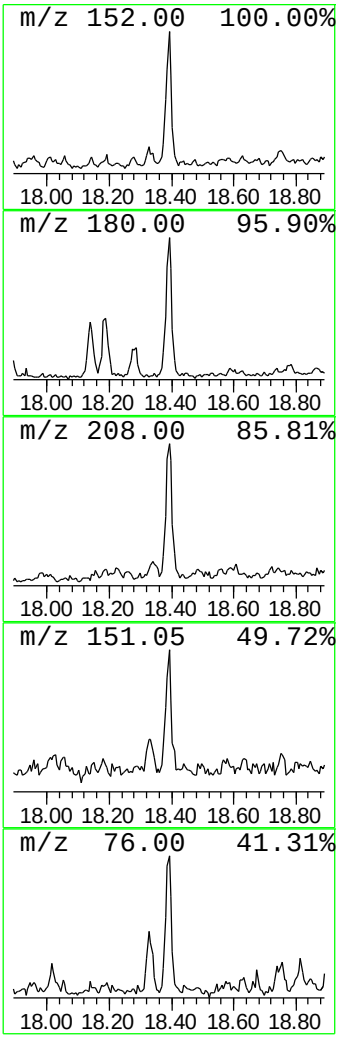
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	7.05 ng/ul	452461	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

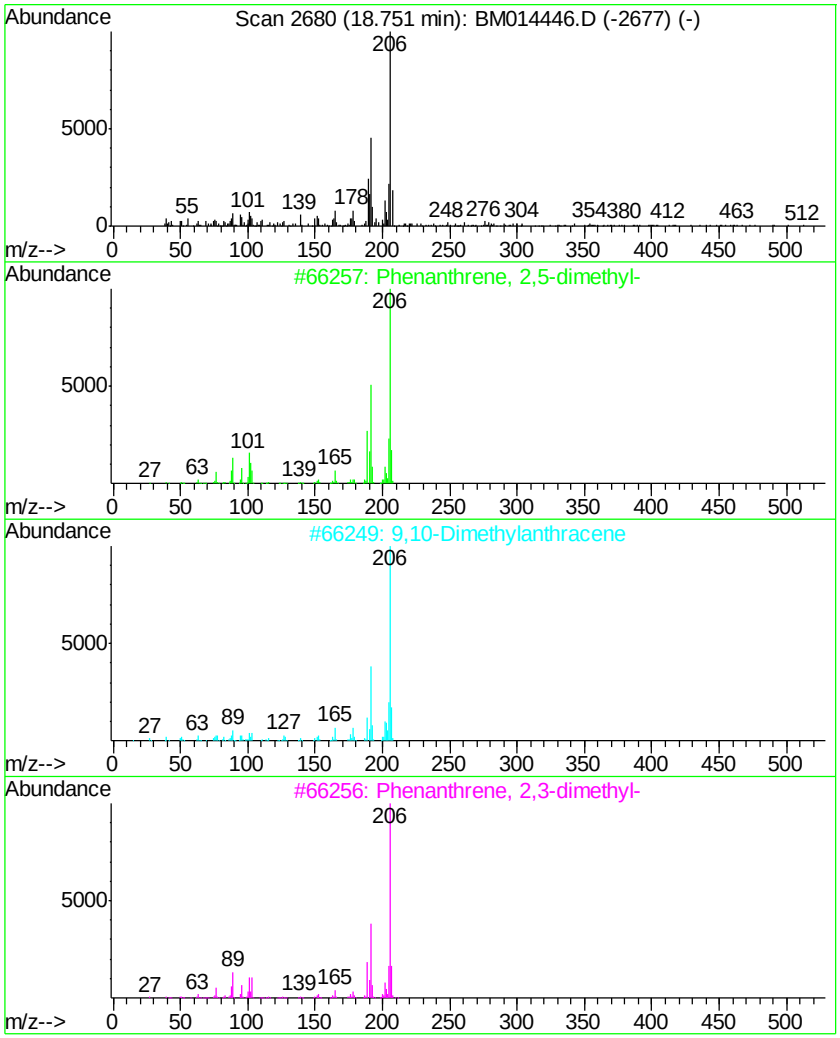
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

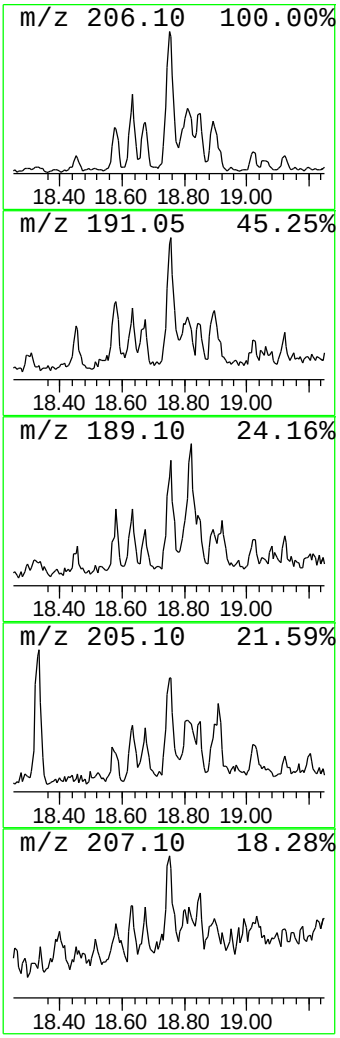
****

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	6.75 ng/ul	433274	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

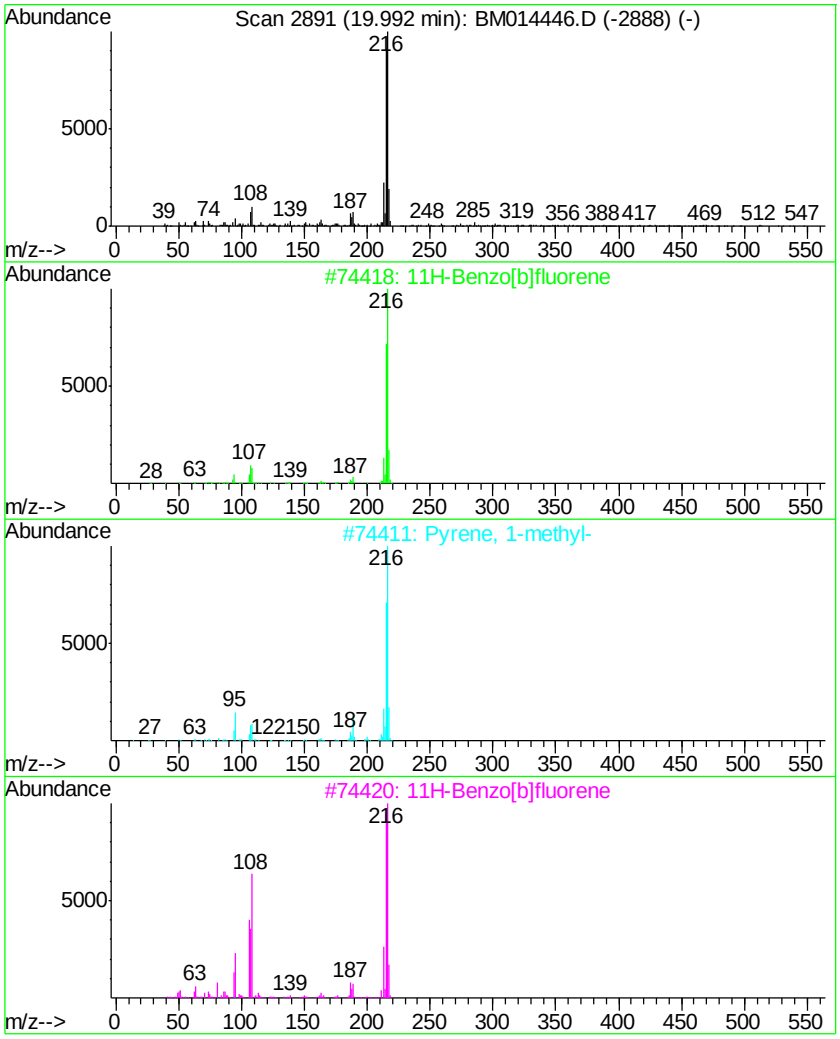
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

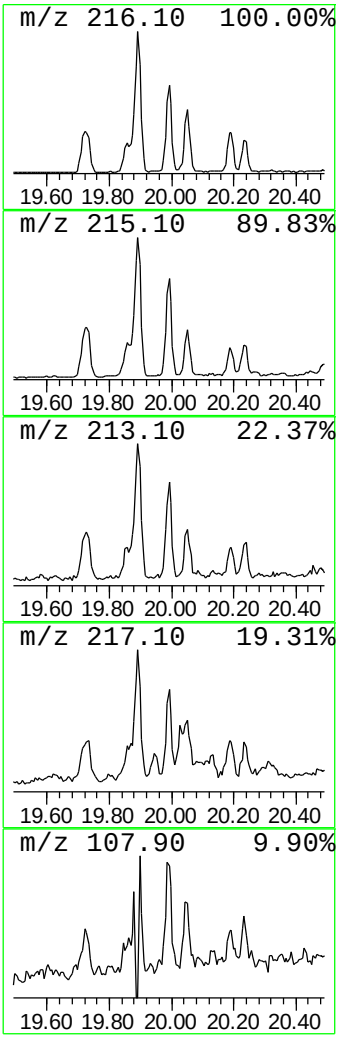
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.13 ng/ul	961111	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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, 2,3-...	13.49	3.2	ng/ul	170481	3	14.18	1073430	20.0
2,4,6-Cycloheptat...	15.54	5.0	ng/ul	270009	3	14.18	1073430	20.0
9H-Fluoren-9-ol	15.69	7.2	ng/ul	459311	4	16.94	1284210	20.0
unknown-01	15.93	3.4	ng/ul	218477	4	16.94	1284210	20.0
9H-Fluorene, 1-me...	16.25	5.1	ng/ul	325345	4	16.94	1284210	20.0
9H-Fluoren-9-one	16.61	5.8	ng/ul	369639	4	16.94	1284210	20.0
Naphtho[2,1-b]thi...	16.76	8.9	ng/ul	570979	4	16.94	1284210	20.0
Benzo[h]quinoline	17.15	3.1	ng/ul	198953	4	16.94	1284210	20.0
Phenanthrene, 1-m...	17.82	13.8	ng/ul	888299	4	16.94	1284210	20.0
1H-Cyclopropa[l]p...	17.87	26.5	ng/ul	1700250	4	16.94	1284210	20.0
Anthracene, 2-met...	17.96	6.7	ng/ul	427661	4	16.94	1284210	20.0
4H-Cyclopenta[def...	18.02	26.2	ng/ul	1683530	4	16.94	1284210	20.0
Anthracene, 9-met...	18.06	8.0	ng/ul	513515	4	16.94	1284210	20.0
3-Methylcarbazole	18.14	2.9	ng/ul	186426	4	16.94	1284210	20.0
5,16[1',2']:8,13[...	18.33	10.2	ng/ul	657239	4	16.94	1284210	20.0
9,10-Anthracenedione	18.39	7.0	ng/ul	452461	4	16.94	1284210	20.0
Phenanthrene, 2,5...	18.75	6.8	ng/ul	433274	4	16.94	1284210	20.0
11H-Benzo[b]fluorene	19.99	2.1	ng/ul	961111	5	21.17	9007150	20.0