LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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	6.739	631	638	648	rBV4	82034	204644	7.73%	0.710%
2	6.863	655	659	668	rVB	69892	116646	4.41%	0.404%
3	7.057	686	692	699	rBV2	107242	189052	7.14%	0.656%
4	7.510	763	769	779	rBV	423897	703796	26.59%	2.440%
5	8.263	890	897	902	rBV3	85754	181425	6.86%	0.629%
6	8.681	961	968	977	rBV2	101482	198286	7.49%	0.688%
7	9.392	1083	1089	1096	rBV4	91631	177003	6.69%	0.614%
8	9.957	1179	1185	1193	rBV2	81522	202355	7.65%	0.702%
9	10.286	1234	1241	1247	rBV	495210	872567	32.97%	3.026%
10	10.327	1247	1248	1256	rVB4	36924	54274	2.05%	0.188%
11	10.463	1263	1271	1280	rBV4	49822	116629	4.41%	0.404%
12	11.957	1522	1525	1533	rBV6	12624	29205	1.10%	0.101%
13	13.345	1754	1761	1764	rBV9	18139	35047	1.32%	0.122%
14	13.492	1781	1786	1790	rBV6	26215	45147	1.71%	0.157%
15	13.598	1798	1804	1809	rBV	214906	312889	11.82%	1.085%
16	13.645	1809	1812	1816	rVB	59259	80902	3.06%	0.281%
17	13.868	1844	1850	1860	rBV2	230747	470122	17.76%	1.630%
18	14.068	1877	1884	1886	rBV5	21638	36907	1.39%	0.128%
19	14.174	1896	1902	1909	rBV2	692643	1087872	41.10%	3.772%
20	14.239	1909	1913	1921	rVB2	73221	118564	4.48%	0.411%
21	14.515	1956	1960	1964	rBV5	30807	59134	2.23%	0.205%
22	14.586	1968	1972	1976	rVB2	50307	69715	2.63%	0.242%
23	14.774	1998	2004	2006	rBV6	22492	37182	1.40%	0.129%
24	15.021	2042	2046	2051	rVB4	28190	48533	1.83%	0.168%
25	15.180	2068	2073	2079	rBV	276078	438637	16.57%	1.521%
26	15.239	2079	2083	2090	rVB2	87925	136619	5.16%	0.474%
27	15.368	2101	2105	2110	rBV8	52005	101700	3.84%	0.353%
28	15.539	2128	2134	2143	rVB6	42066	89195	3.37%	0.309%
29	15.680	2153	2158	2166	rVB7	36160	84476	3.19%	0.293%
30	15.904	2189	2196	2197	rBV6	27727	41152	1.55%	0.143%
31	15.992	2207	2211	2217	rVB8	31394	54162	2.05%	0.188%
32	16.256	2247	2256	2260	rBV9	56174	142024	5.37%	0.492%
33	16.362	2269	2274	2285	rVB10	100899	246870	9.33%	0.856%
34	16.515	2296	2300	2306	rVB8	33423	57433	2.17%	0.199%

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Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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	16.609	2311	2316	2321	rVB5	44521	77514	2.93%	0.269%
36	16.692	2323	2330	2333	rVB8	28321	56187	2.12%	0.195%
37	16.756	2338	2341	2349	rVB	57005	94783	3.58%	0.329%
38	16.939	2365	2372	2376	rBV2	765539	1216034	45.95%	4.217%
39	16.986	2376	2380	2385	rVV	1053900	1473424	55.67%	5.109%
40	17.039	2385	2389	2392	rVV2	304042	451512	17.06%	1.566%
41	17.074	2392	2395	2401	rVB	255579	369801	13.97%	1.282%
42	17.133	2401	2405	2406	rBV4	23572	33731	1.27%	0.117%
43	17.362	2436	2444	2449	rBV2	93105	242166	9.15%	0.840%
44	17.456	2458	2460	2463	rVB3	29313	28151	1.06%	0.098%
45	17.662	2491	2495	2499	rBV7	26259	34830	1.32%	0.121%
46	17.821	2517	2522	2523	rBV	164796	218568	8.26%	0.758%
47	17.850	2523	2527	2536	rVV2	614153	1230826	46.51%	4.268%
48	17.950	2540	2544	2549	rVB2	91456	139572	5.27%	0.484%
49	18.015	2549	2555	2558	rBV4	222483	405222	15.31%	1.405%
50	18.050	2559	2561	2570	rVB2	107504	142129	5.37%	0.493%
51	18.150	2570	2578	2581	rBV5	145885	285765	10.80%	0.991%
52	18.186	2581	2584	2594	rVB6	168978	311112	11.76%	1.079%
53	18.321	2604	2607	2614	rVV	92591	134672	5.09%	0.467%
54	18.392	2614	2619	2626	rVB4	100104	167963	6.35%	0.582%
55	18.627	2656	2659	2661	rBV3	26605	28887	1.09%	0.100%
56	18.750	2675	2680	2685	rBV3	101589	180666	6.83%	0.626%
57	18.903	2700	2706	2708	rBV4	70438	129405	4.89%	0.449%
58	19.015	2719	2725	2731	rBV	2009102	2646579	100.00%	9.177%
59	19.086	2731	2737	2738	rVV5	124305	194557	7.35%	0.675%
60	19.139	2742	2746	2756	rVB3	526167	893312	33.75%	3.097%
61	19.350	2777	2782	2784	rBV2	610196	848723	32.07%	2.943%
62	19.380	2784	2787	2796	rVV	1431352	1988463	75.13%	6.895%
63	19.456	2798	2800	2807	rVB3	96073	142209	5.37%	0.493%
64	19.568	2815	2819	2824	rBV	93426	137295	5.19%	0.476%
65	19.703	2838	2842	2845	rBV5	107073	189253	7.15%	0.656%
66	19.886	2870	2873	2877	rVB	258839	322121	12.17%	1.117%
67	19.986	2886	2890	2894	rBV	200296	263615	9.96%	0.914%
68	20.044	2894	2900	2903	rBV3	161720	255193	9.64%	0.885%
69	20.939	3049	3052	3058	rVB2	215678	327650	12.38%	1.136%
70	21.150	3083	3088	3093	rBV2	1104180	2245323	84.84%	7.785%
71	21.191	3093	3095	3099	rVB	696898	812762	30.71%	2.818%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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Peak separation: 5

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

72	22.697	3346	3351	3355	rBV	593918	1168052	44.13%	4.050%
73	23.156	3425	3429	3433	rBV	277559	403945	15.26%	1.401%
74	23.250	3441	3445	3451	rVB	548221	921414	34.82%	3.195%
75	23.344	3456	3461	3465	rBV	462580	786292	29.71%	2.726%

Sum of corrected areas: 28839842

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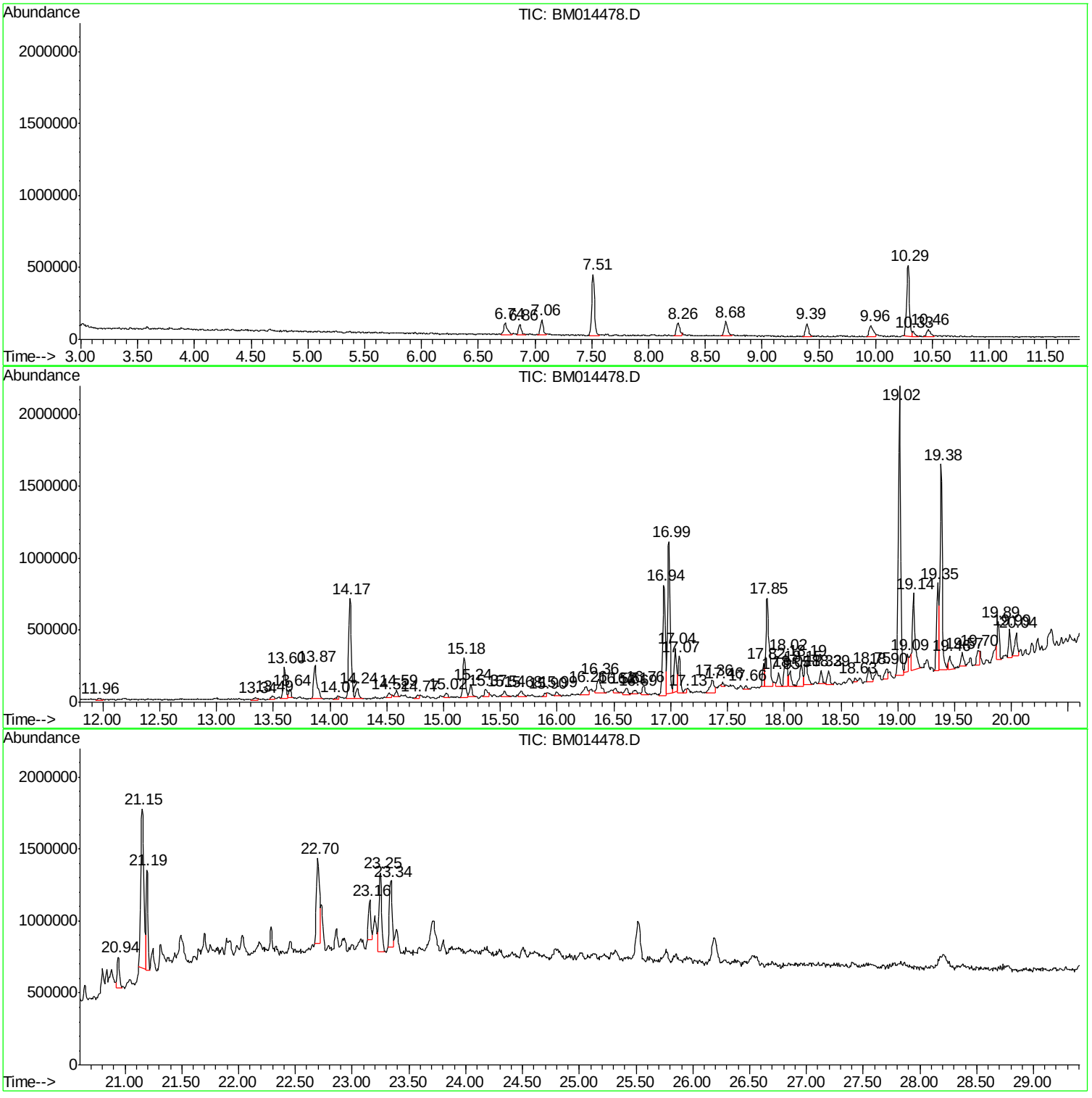
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X0DL

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



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Quant Title : SVOA CALIBRATION

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

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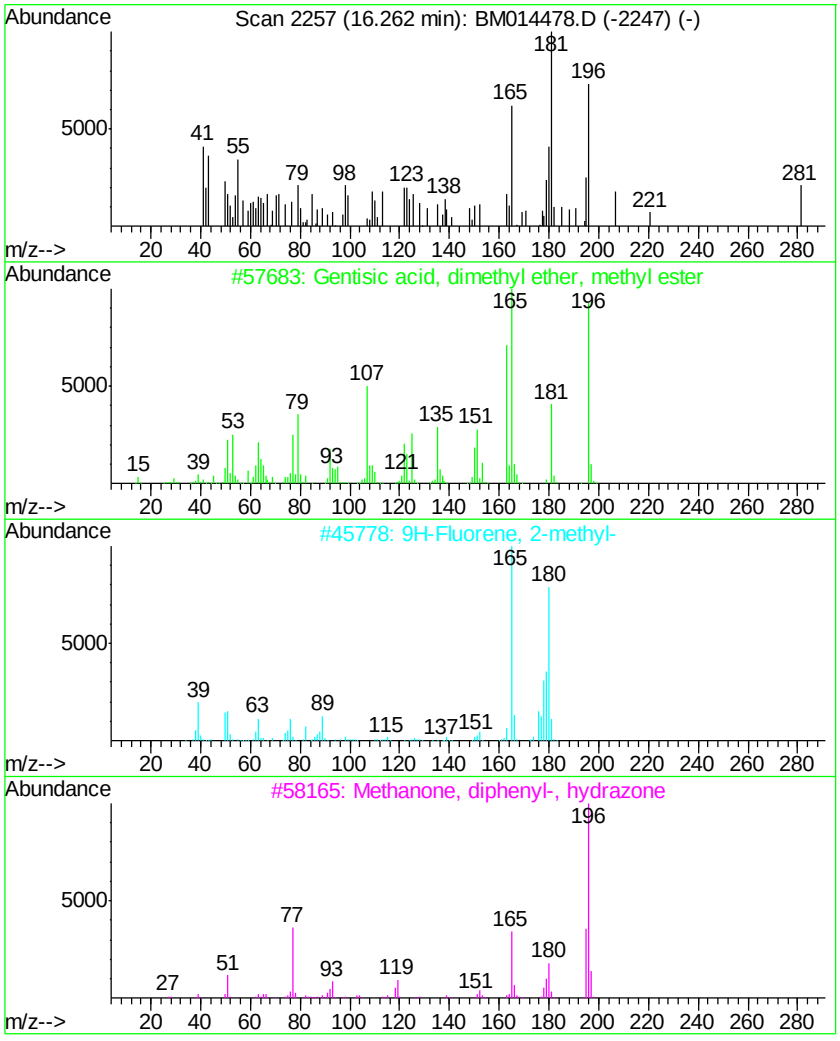
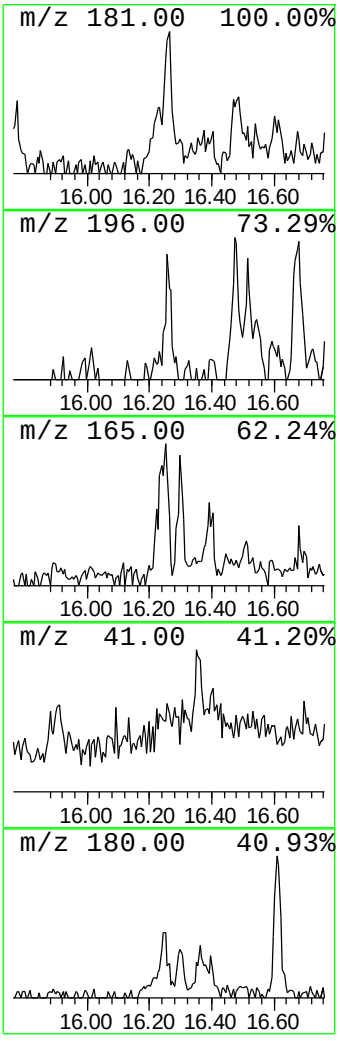
Peak Number 1 Gentisic acid, dimethyl eth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.34 ng/ul	142024	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Gentisic acid, dimethyl ether, m...	196	C10H12O4	002150-40-5	50
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	38
3	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	30
4	Benzoic acid, 3,4-dimethoxy-, me...	196	C10H12O4	002150-38-1	30
5	m-Cresol, 6-chloro-.alpha.,.alph...	196	C7H4ClF3O	040889-91-6	25





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Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

TIC Library : C:\DATABASE\NIST11.L
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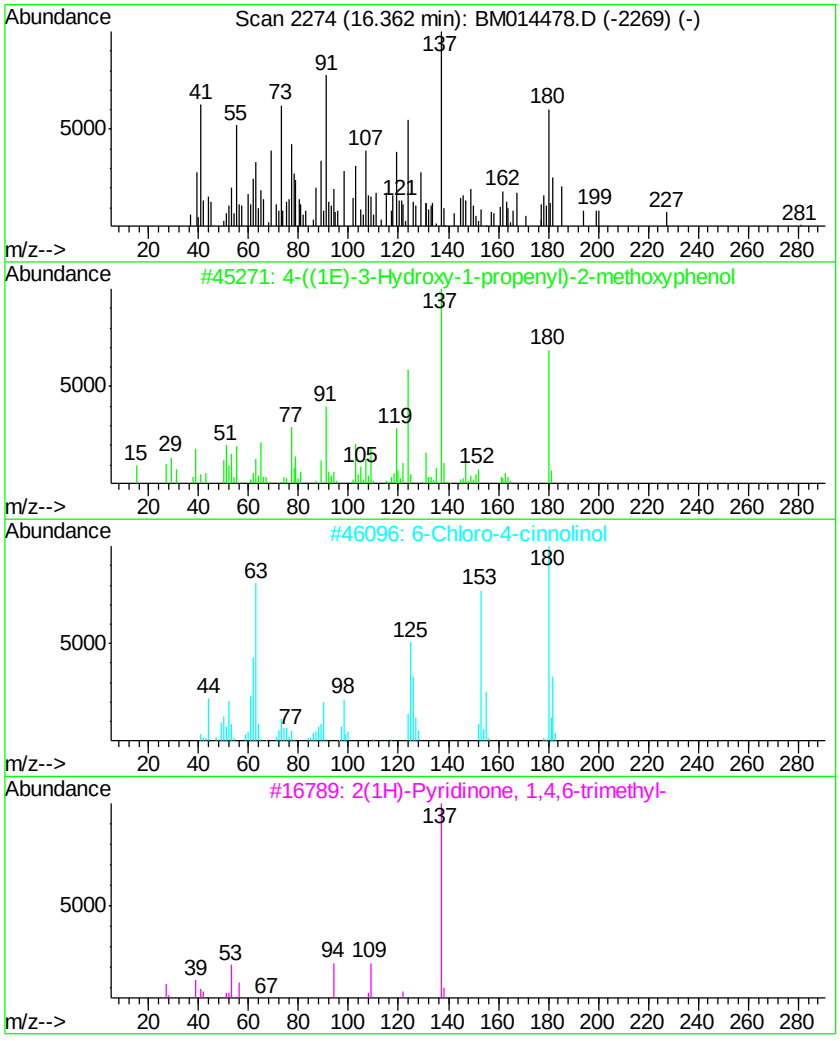
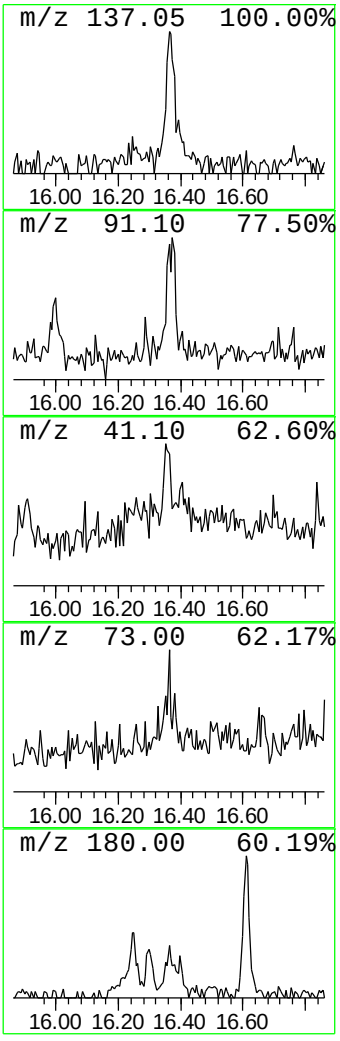
****

Peak Number 2 4-((1E)-3-Hydroxy-1-propeny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	4.06 ng/ul	246870	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((1E)-3-Hydroxy-1-propenyl)-2-...	180	C10H12O3	1000297-95-5	50
2	6-Chloro-4-cinnolinol	180	C8H5ClN2O	000876-89-1	30
3	2(1H)-Pyridinone, 1,4,6-trimethyl-	137	C8H11NO	015031-89-7	25
4	5-Chlorovaleric acid, tridecyl e...	318	C18H35ClO2	1000292-31-4	22
5	3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	20





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

TIC Library : C:\DATABASE\NIST11.L
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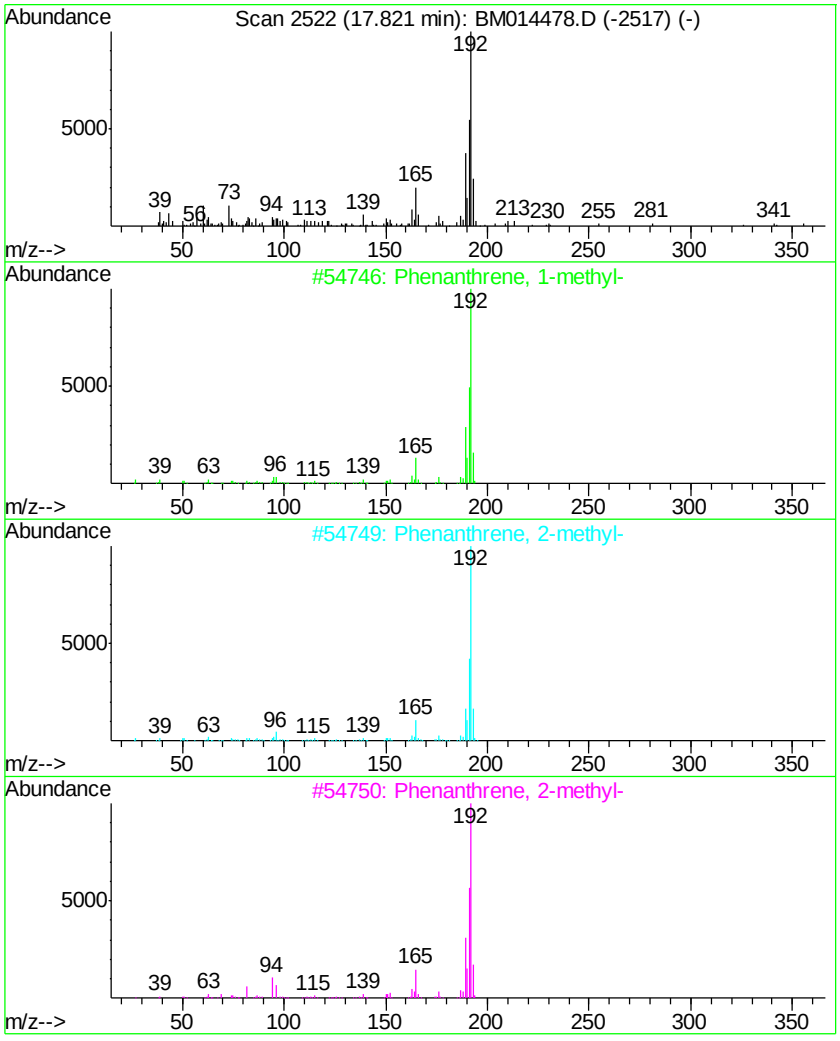
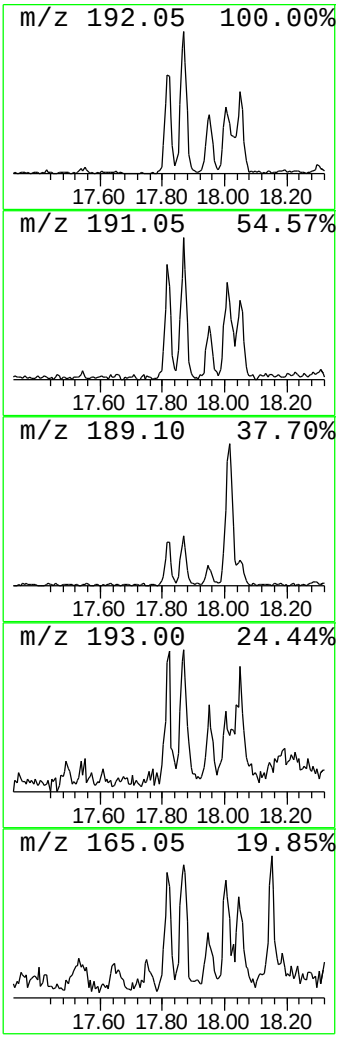
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.59 ng/ul	218568	Phenanthrene-d10	16.94

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





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Instrument : BNA_M
ClientSampleId : BE5X0DL

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

TIC Library : C:\DATABASE\NIST11.L
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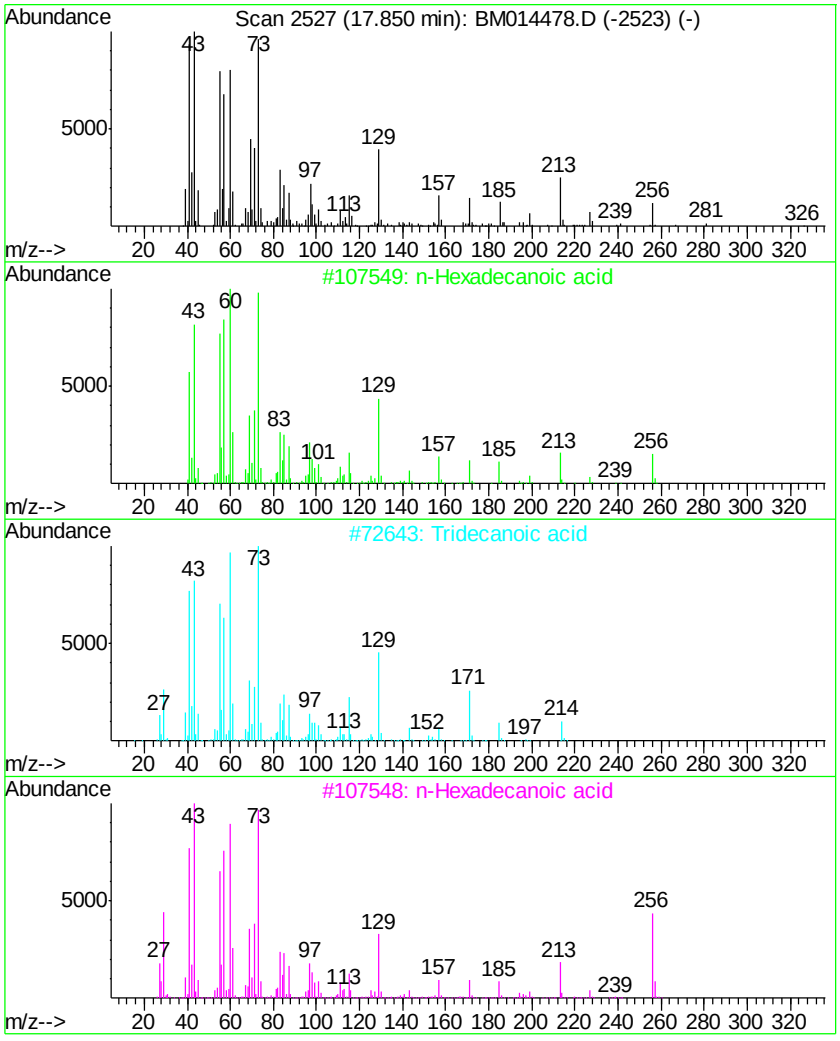
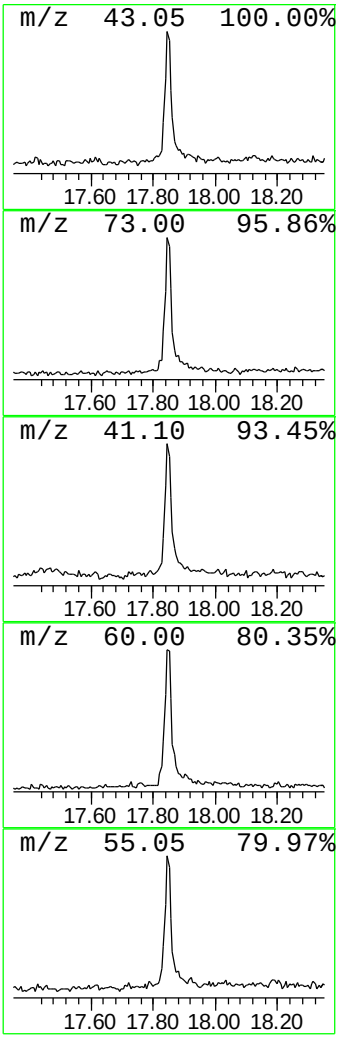
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	20.24 ng/ul	1230830	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

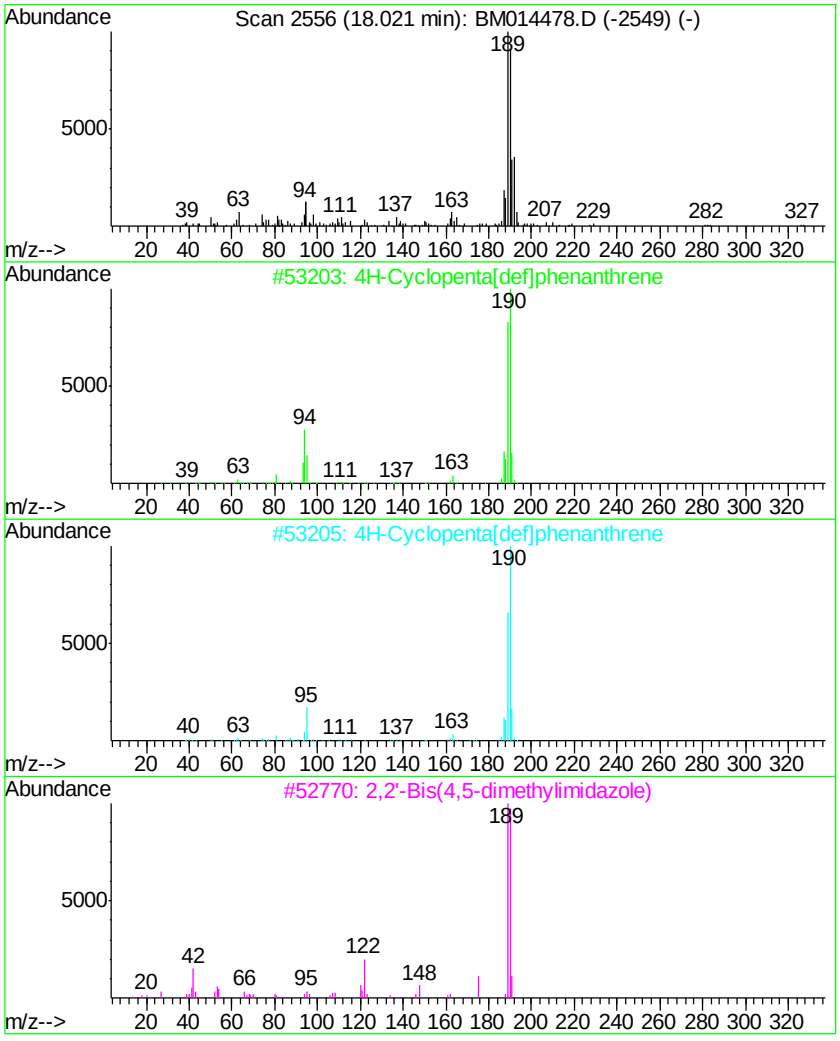
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

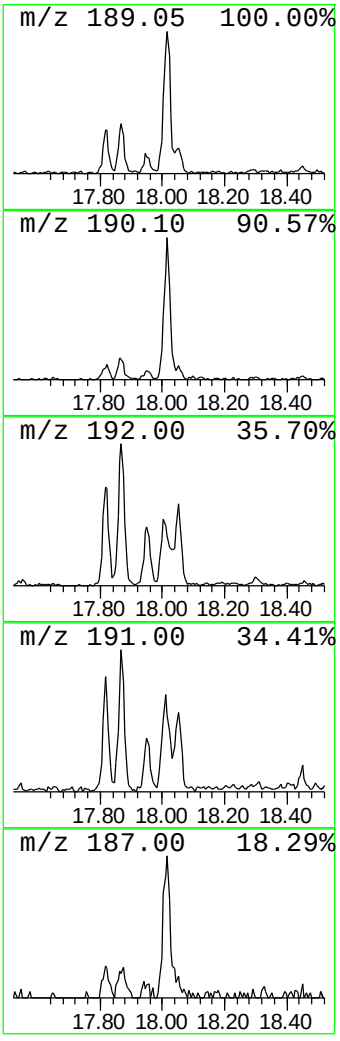
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.66 ng/ul	405222	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	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	38





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Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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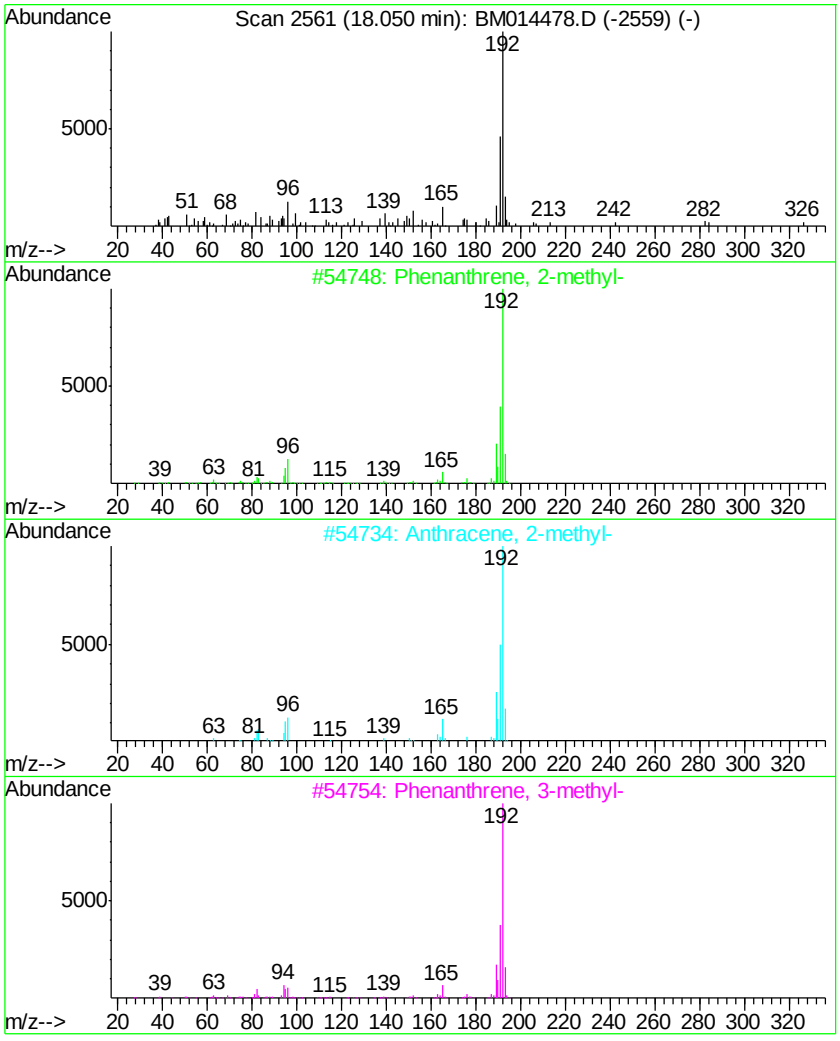
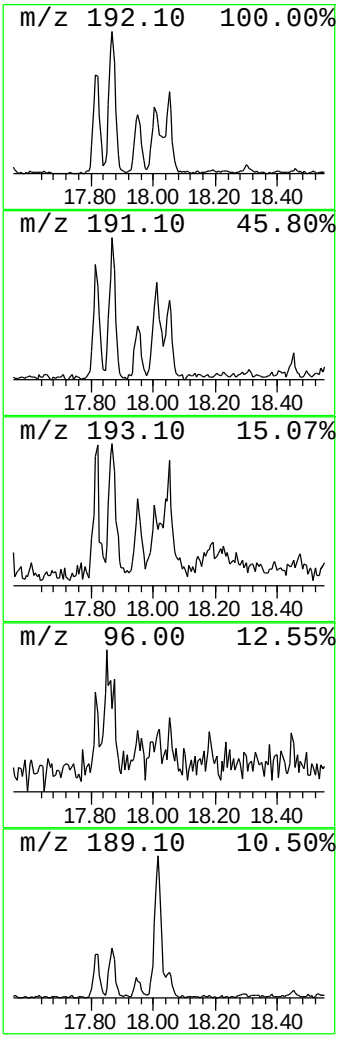
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.34 ng/ul	142129	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





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Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

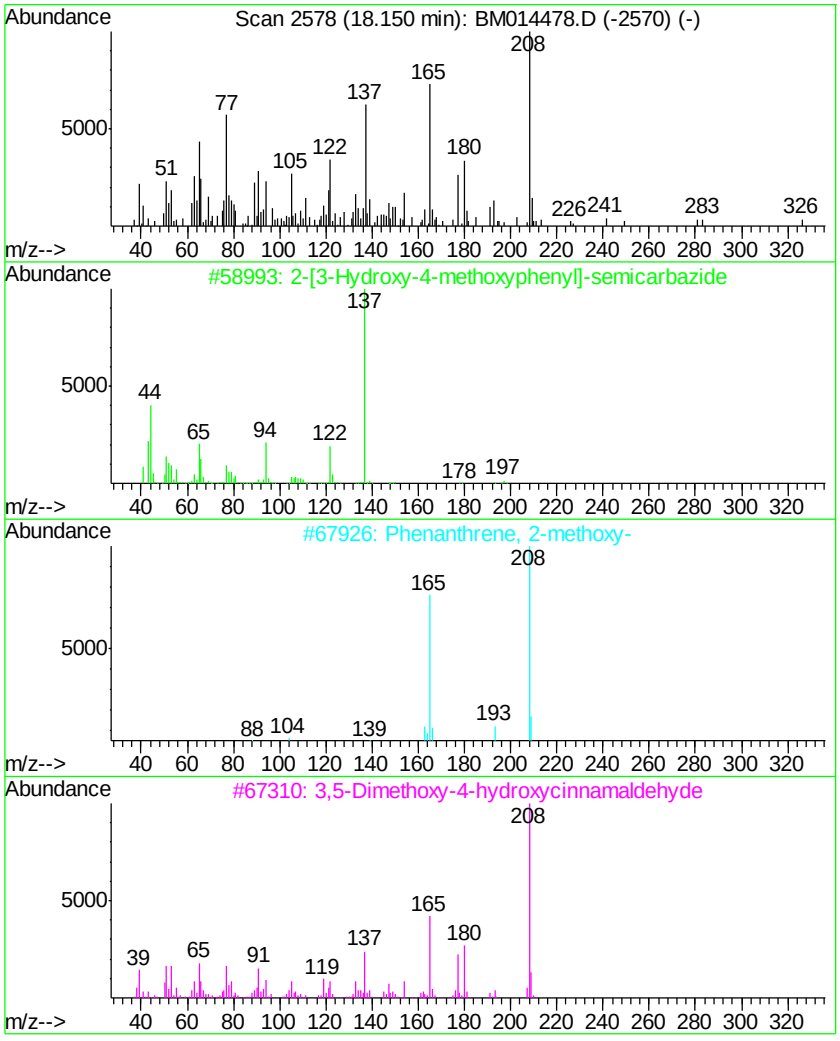
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

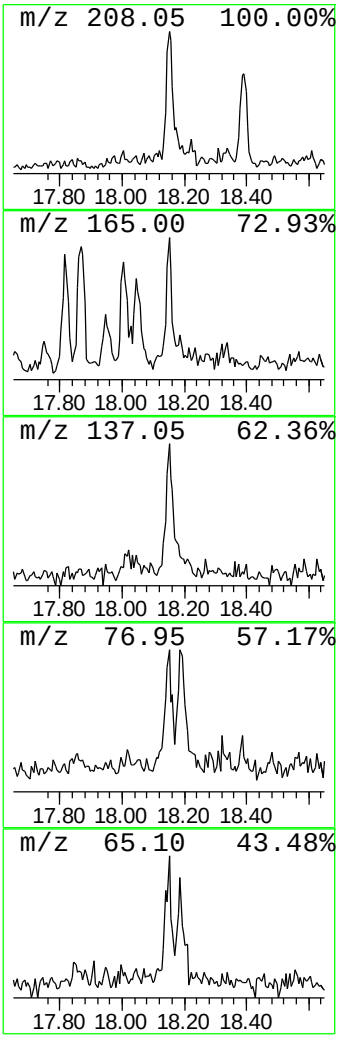
****

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.70 ng/ul	285765	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[3-Hydroxy-4-methoxyphenyl]-se...	197	C8H11N3O3	1000116-96-7	45
2	Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	43
3	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	38
4	Benzene, 1,2,3-trimethoxy-5-(2-p...	208	C12H16O3	000487-11-6	38
5	2(3H)-Benzoxazolethione,3-methyl-	165	C8H7NOS	013673-63-7	25





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Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

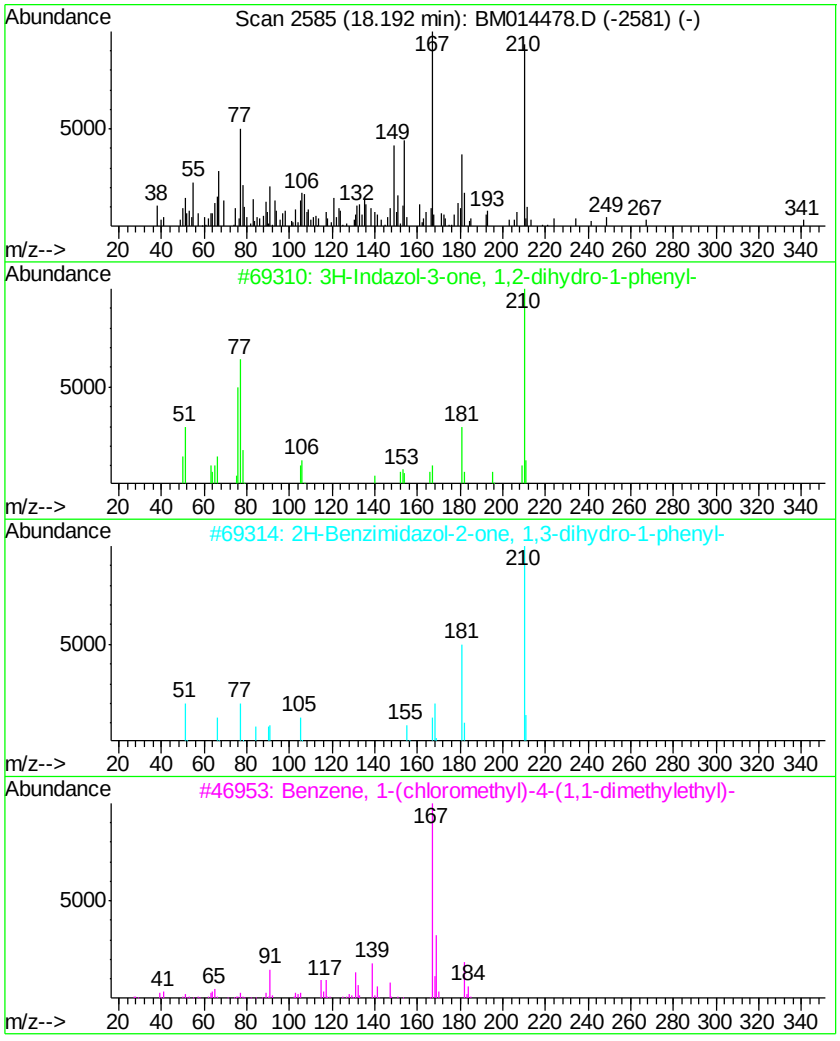
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

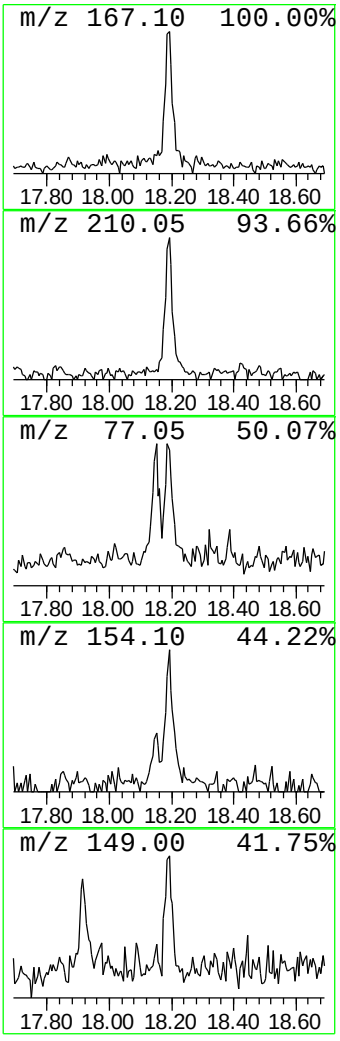
****

Peak Number 9 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.12 ng/ul	311112	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Indazol-3-one, 1,2-dihydro-1-...	210	C13H10N2O	028561-80-0	27
2	2H-Benzimidazol-2-one, 1,3-dihyd...	210	C13H10N2O	014813-85-5	25
3	Benzene, 1-(chloromethyl)-4-(1,1...	182	C11H15Cl	019692-45-6	25
4	Benzenepropanoic acid, 2,5-dimet...	210	C11H14O4	010538-49-5	25
5	Benzene, 1-methoxy-3-methyl-2-ni...	167	C8H9NO3	005345-42-6	25





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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

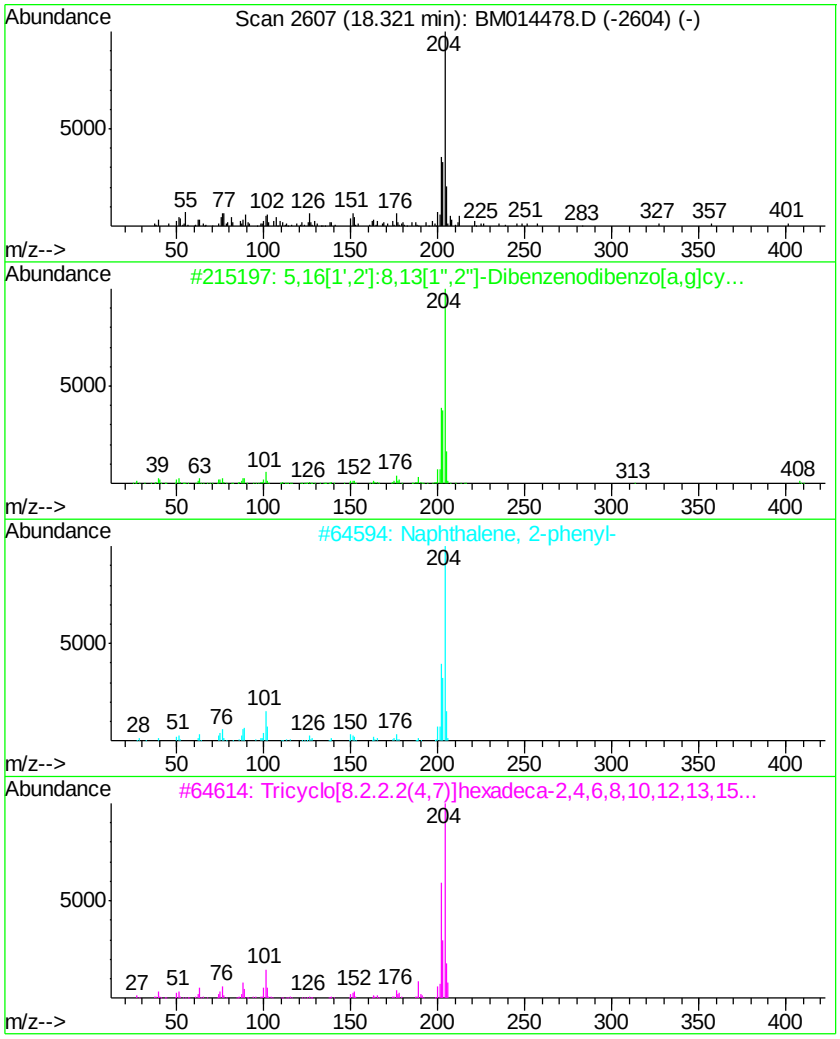
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

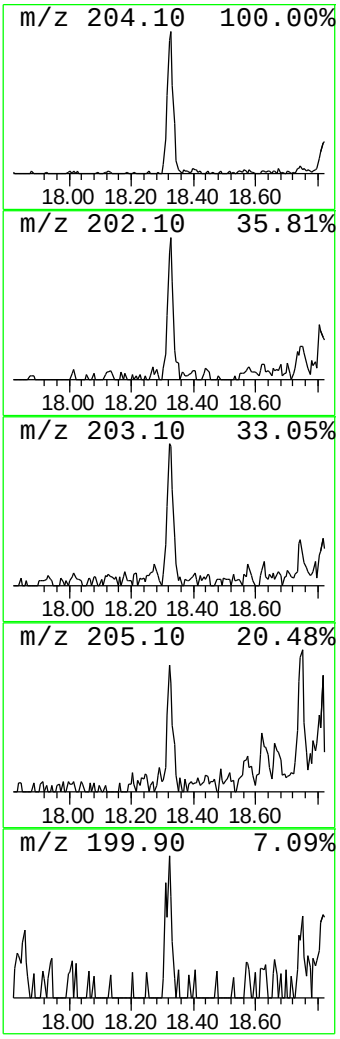
****

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.21 ng/ul	134672	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	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	59





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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

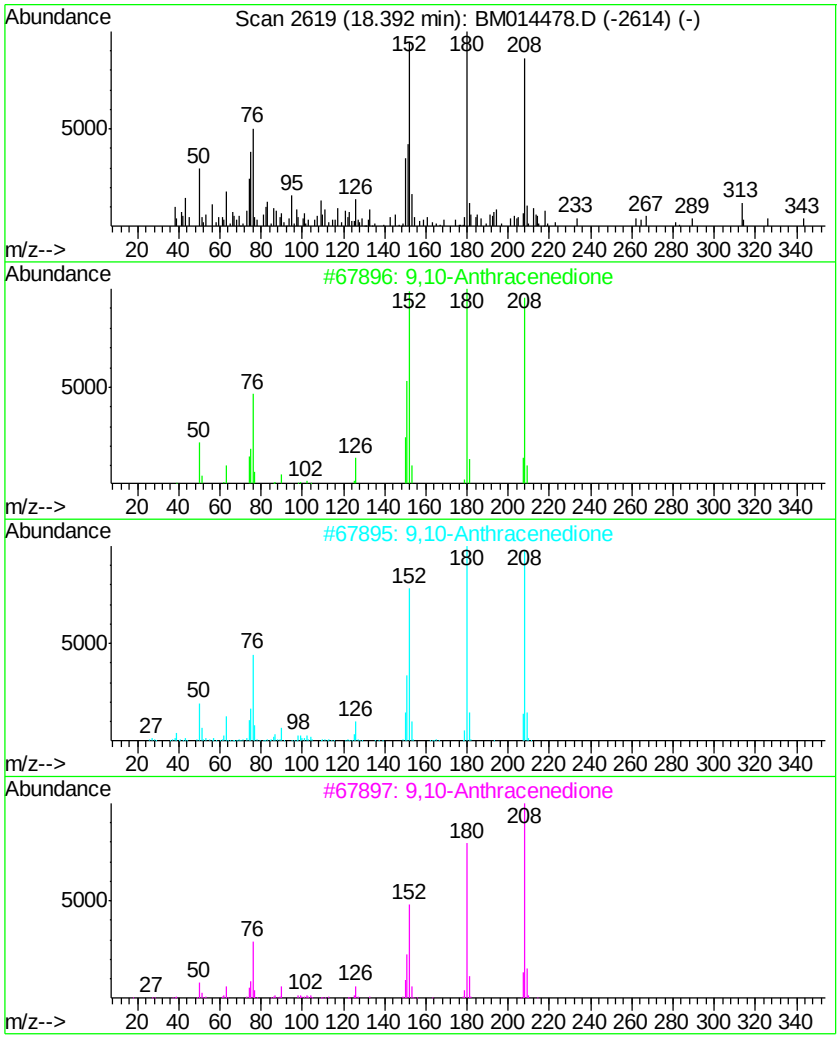
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

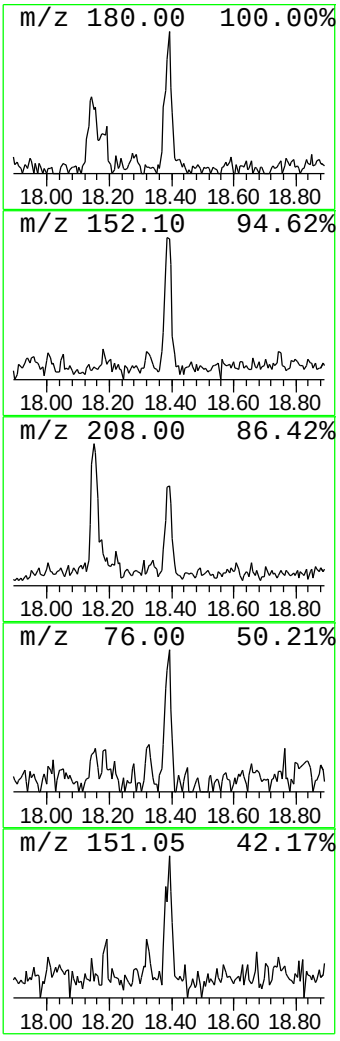
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.76 ng/ul	167963	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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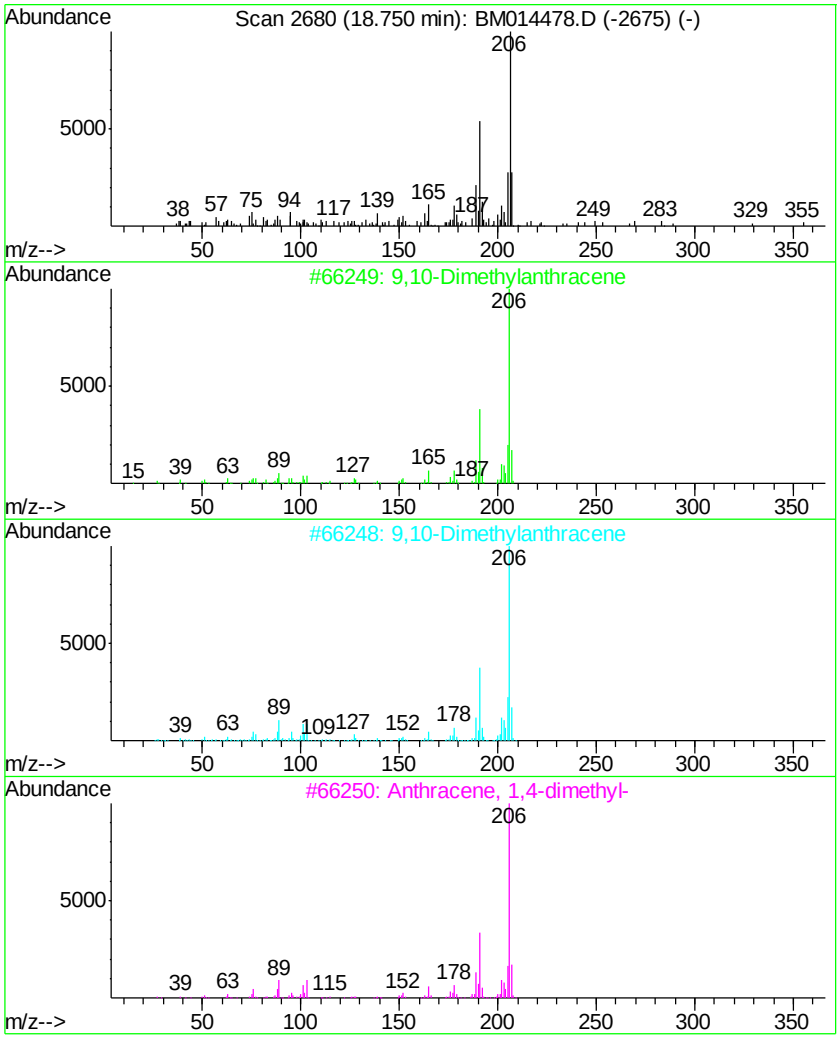
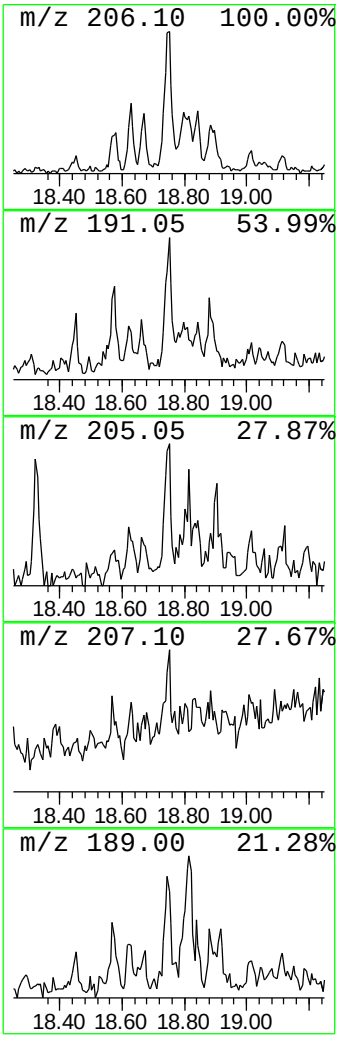
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.97 ng/ul	180666	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	80
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	80





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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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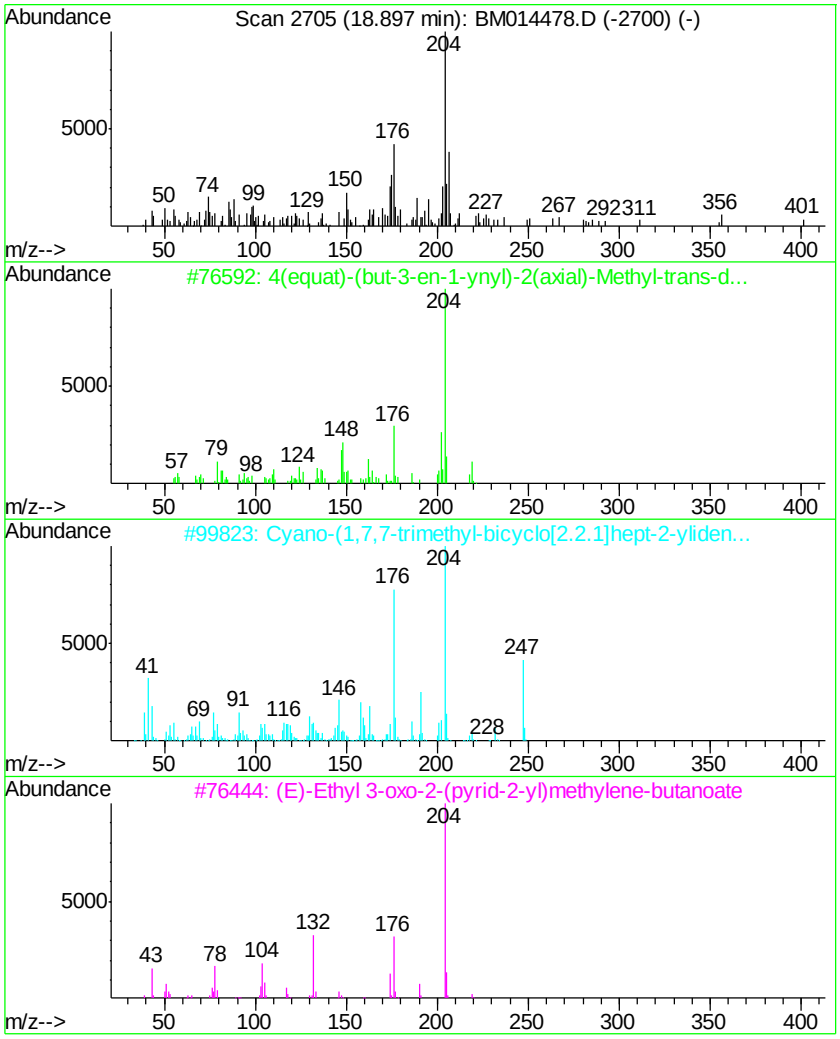
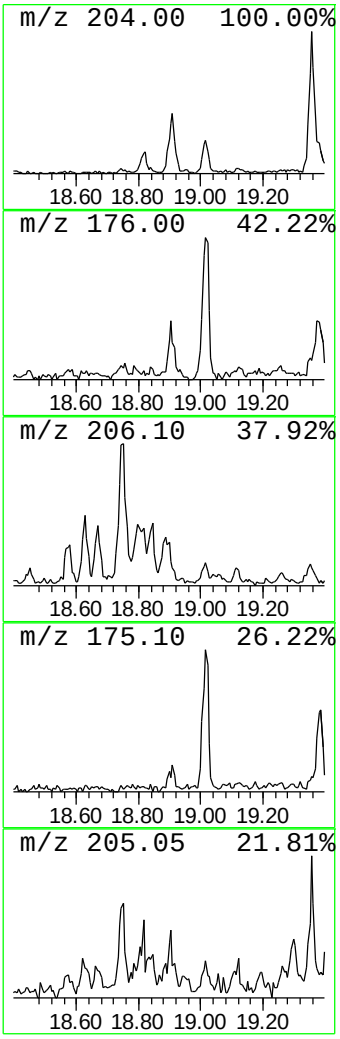
Peak Number 13 4(equat)-(but-3-en-1-ynyl)-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.13 ng/ul	129405	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	59
2	Cyano-(1,7,7-trimethyl-bicyclo[2...	247	C15H21NO2	1000303-25-1	59
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52





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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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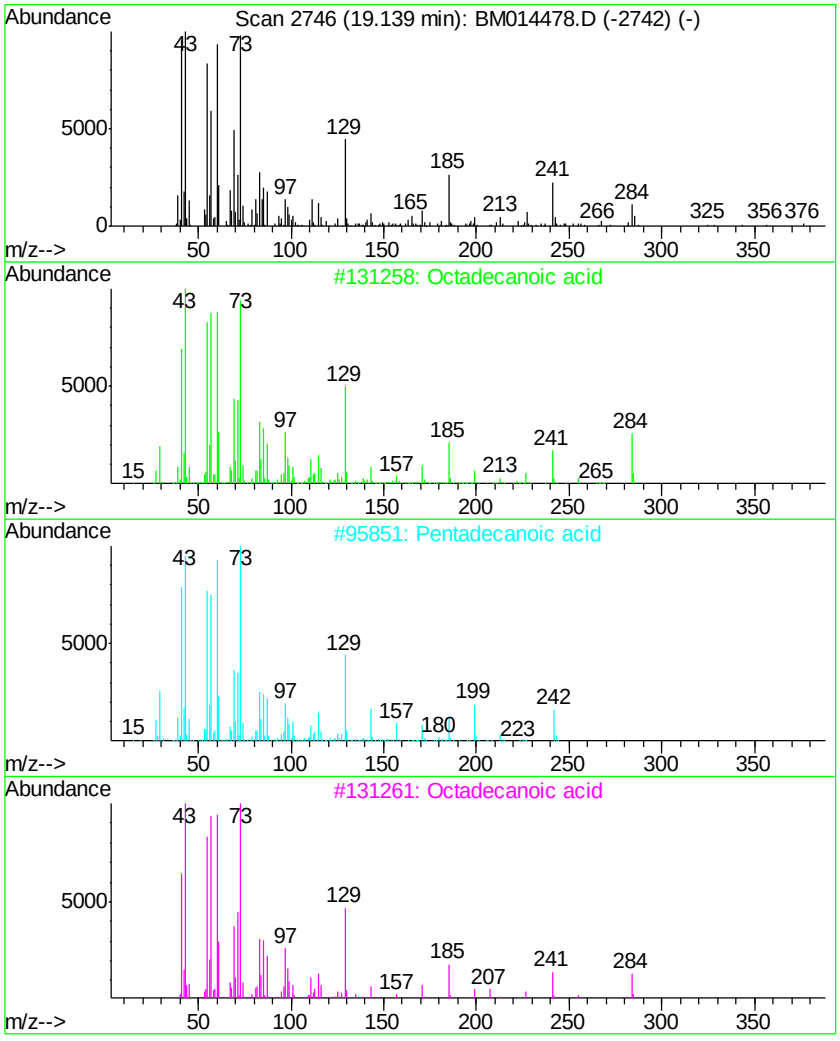
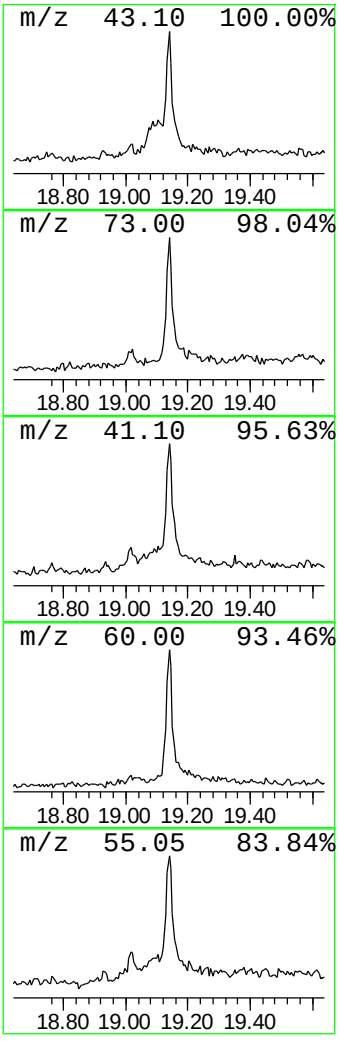
Peak Number 14 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	7.96 ng/ul	893312	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

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Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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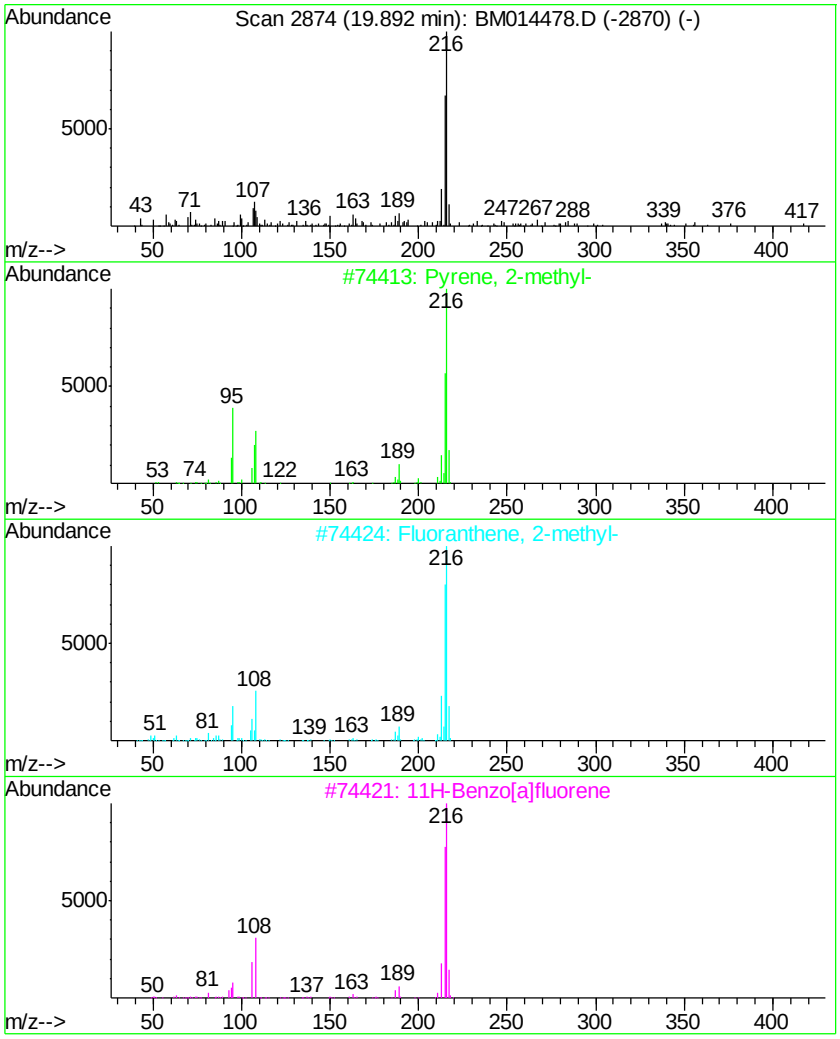
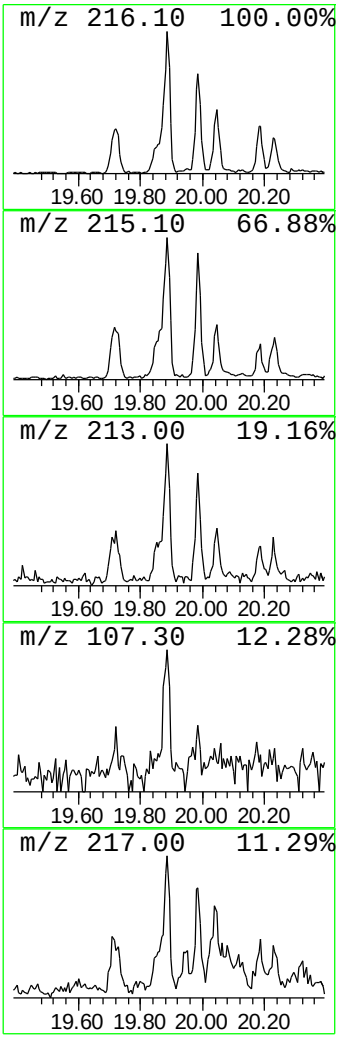
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.87 ng/ul	322121	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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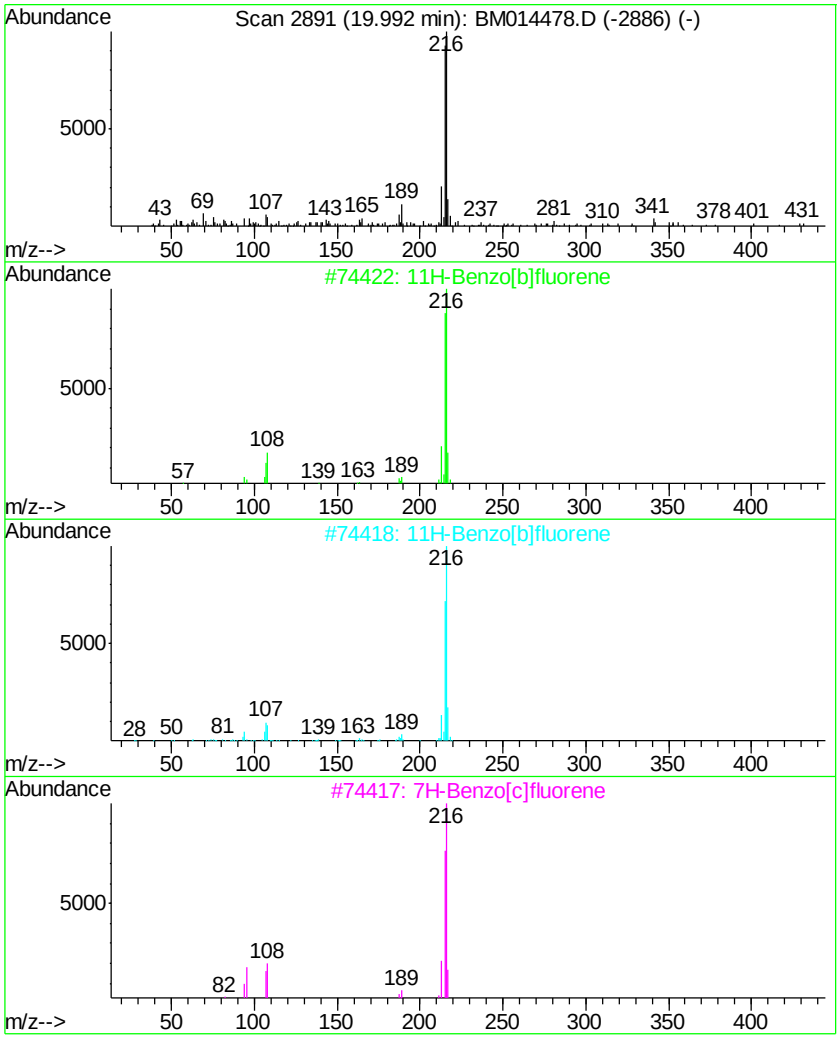
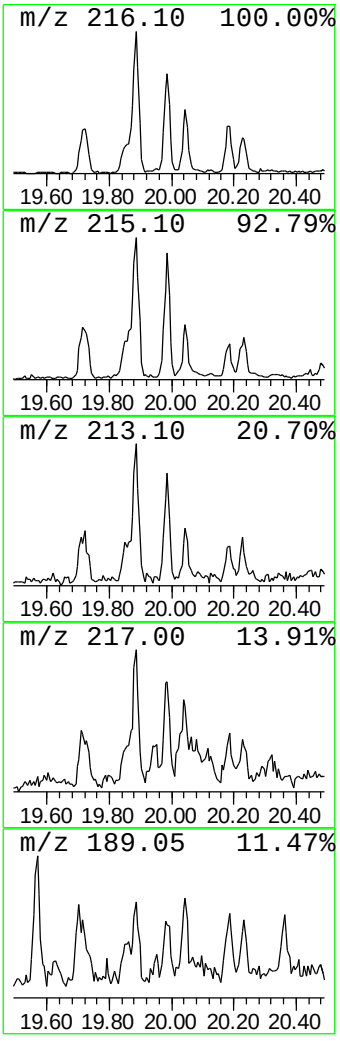
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.35 ng/ul	263615	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Library Search Compound Report

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Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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

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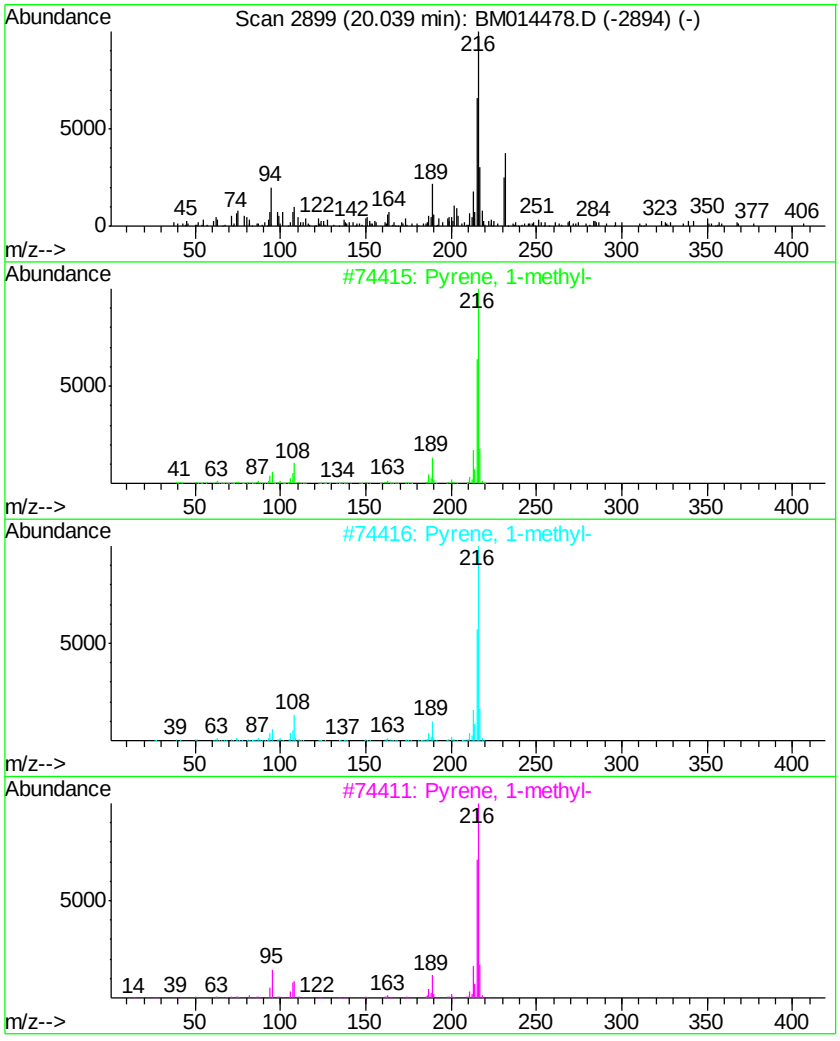
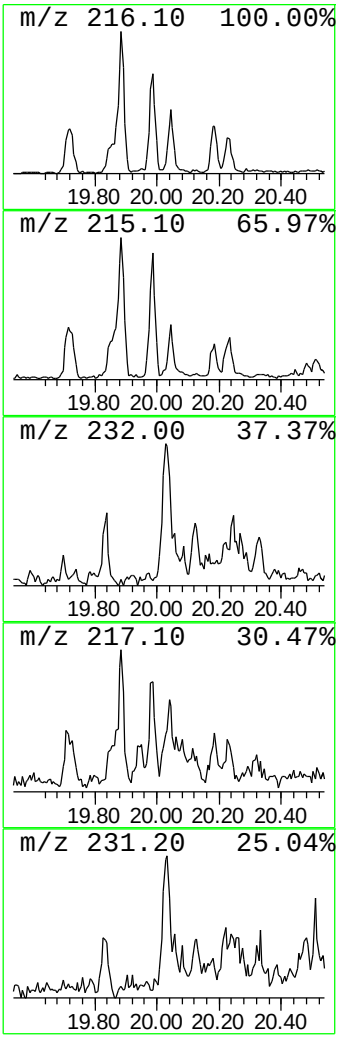
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.27 ng/ul	255193	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81





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Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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Quant Title : SVOA CALIBRATION

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

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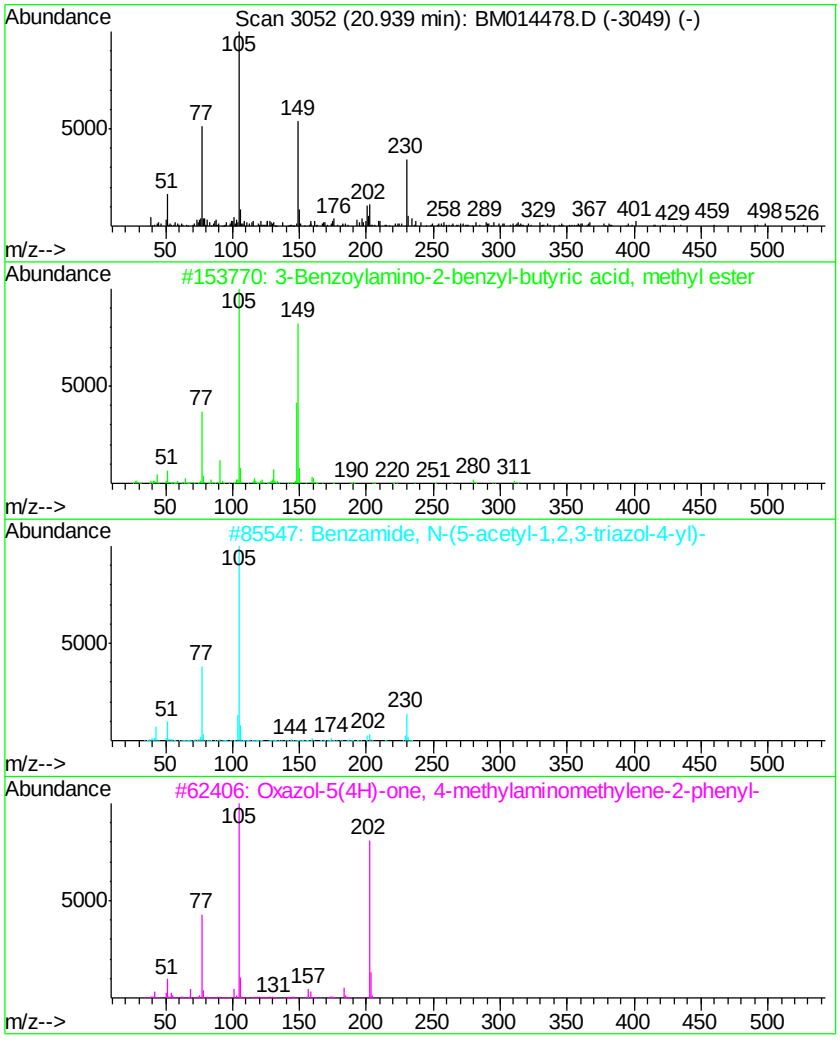
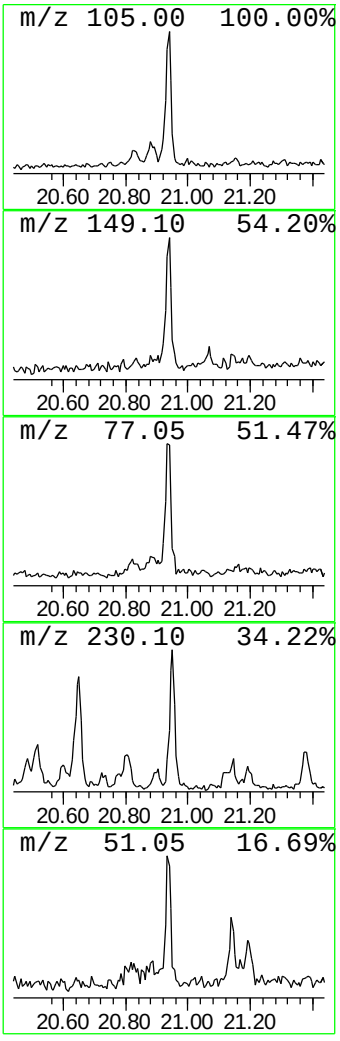
Peak Number 18 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.92 ng/ul	327650	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	47
2	Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	45
3	Oxazol-5(4H)-one, 4-methylaminom...	202	C11H10N2O2	313527-71-8	22
4	Benzenesulfonyl(4-trifluoromethy...	372	C17H15F3O4S	1000305-88-7	18
5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	18





Tentatively Identified Compound (LSC) summary

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Data File : BM014478.D
Acq On : 05 Mar 2018 18:23
Operator : SJ/JU
Sample : J1646-04DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X0DL

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
Gentisic acid, di...	16.26	2.3	ng/ul	142024	4	16.94	1216030	20.0
4-((1E)-3-Hydroxy...	16.36	4.1	ng/ul	246870	4	16.94	1216030	20.0
Phenanthrene, 1-m...	17.82	3.6	ng/ul	218568	4	16.94	1216030	20.0
n-Hexadecanoic acid	17.85	20.2	ng/ul	1230830	4	16.94	1216030	20.0
4H-Cyclopenta[def...	18.02	6.7	ng/ul	405222	4	16.94	1216030	20.0
Phenanthrene, 2-m...	18.05	2.3	ng/ul	142129	4	16.94	1216030	20.0
unknown-01	18.15	4.7	ng/ul	285765	4	16.94	1216030	20.0
unknown-02	18.19	5.1	ng/ul	311112	4	16.94	1216030	20.0
5,16[1',2']:8,13[...	18.32	2.2	ng/ul	134672	4	16.94	1216030	20.0
9,10-Anthracenedione	18.39	2.8	ng/ul	167963	4	16.94	1216030	20.0
9,10-Dimethylanth...	18.75	3.0	ng/ul	180666	4	16.94	1216030	20.0
4(equat)-(but-3-e...	18.90	2.1	ng/ul	129405	4	16.94	1216030	20.0
Octadecanoic acid	19.14	8.0	ng/ul	893312	5	21.16	2245320	20.0
Pyrene, 2-methyl-	19.89	2.9	ng/ul	322121	5	21.16	2245320	20.0
11H-Benzo[b]fluorene	19.99	2.4	ng/ul	263615	5	21.16	2245320	20.0
Pyrene, 1-methyl-	20.04	2.3	ng/ul	255193	5	21.16	2245320	20.0
unknown-03	20.94	2.9	ng/ul	327650	5	21.16	2245320	20.0