LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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	3.587	98	102	109	rBV	59635	88954	1.22%	0.101%
2	4.669	282	286	288	rBV	76314	111982	1.54%	0.128%
3	4.687	288	289	297	rVB2	88982	113646	1.56%	0.130%
4	6.722	628	635	647	rVB	458359	871631	12.00%	0.993%
5	6.863	653	659	672	rBV	356271	603484	8.31%	0.688%
6	7.057	685	692	701	rBV	548156	910026	12.52%	1.037%
7	7.510	763	769	781	rVV	622457	1009150	13.89%	1.150%
8	7.640	785	791	798	rBV2	60366	100082	1.38%	0.114%
9	8.240	887	893	908	rBV	569068	1082426	14.90%	1.234%
10	8.675	960	967	981	rBV	569886	998014	13.73%	1.137%
11	9.387	1081	1088	1097	rBV	468663	862980	11.88%	0.984%
12	9.934	1174	1181	1198	rBV	613097	1248864	17.19%	1.423%
13	10.281	1230	1240	1246	rBV	905491	1560329	21.47%	1.778%
14	10.334	1246	1249	1255	rVB2	66313	107441	1.48%	0.122%
15	10.445	1262	1268	1283	rBV	366634	815246	11.22%	0.929%
16	13.492	1780	1786	1792	rBV4	42212	94102	1.30%	0.107%
17	13.598	1798	1804	1808	rBV	1250265	1765828	24.30%	2.013%
18	13.645	1808	1812	1817	rVB	229990	330373	4.55%	0.377%
19	13.863	1843	1849	1864	rVB	1531661	2420734	33.31%	2.759%
20	14.074	1879	1885	1891	rBV3	77849	116753	1.61%	0.133%
21	14.174	1891	1902	1908	rVV2	1369583	2090410	28.77%	2.383%
22	14.239	1908	1913	1922	rVB	159298	262439	3.61%	0.299%
23	14.457	1945	1950	1966	rBV3	227570	651679	8.97%	0.743%
24	14.586	1966	1972	1976	rBV2	112430	182204	2.51%	0.208%
25	15.033	2044	2048	2055	rVB3	91352	130357	1.79%	0.149%
26	15.180	2067	2073	2078	rBV	1734332	2476715	34.08%	2.823%
27	15.233	2078	2082	2092	rVB2	205536	346133	4.76%	0.395%
28	15.351	2095	2102	2107	rBV6	93616	189589	2.61%	0.216%
29	15.533	2129	2133	2141	rVB2	80225	138445	1.91%	0.158%
30	15.680	2149	2158	2165	rBV3	67838	162234	2.23%	0.185%
31	15.904	2191	2196	2198	rBV4	93604	152104	2.09%	0.173%
32	16.245	2243	2254	2258	rBV5	77245	191040	2.63%	0.218%
33	16.292	2258	2262	2268	rVB5	55043	92660	1.28%	0.106%
34	16.604	2310	2315	2321	rVB2	124669	189732	2.61%	0.216%

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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	16.692	2321	2330	2333	rBV7	86404	204552	2.82%	0.233%
36	16.757	2337	2341	2347	rVB	163307	245242	3.38%	0.280%
37	16.939	2365	2372	2375	rBV	1713379	2399776	33.03%	2.735%
38	16.980	2375	2379	2384	rVV	3232777	4283324	58.95%	4.882%
39	17.039	2384	2389	2392	rVV	1937867	2711237	37.31%	3.090%
40	17.068	2392	2394	2400	rVB	670545	838008	11.53%	0.955%
41	17.357	2435	2443	2450	rBV2	216508	464773	6.40%	0.530%
42	17.527	2467	2472	2479	rVB6	111175	277925	3.82%	0.317%
43	17.651	2489	2493	2499	rVB7	55362	114809	1.58%	0.131%
44	17.815	2515	2521	2523	rVV	434678	624720	8.60%	0.712%
45	17.851	2523	2527	2536	rVV2	960128	1901003	26.16%	2.167%
46	17.945	2539	2543	2548	rVV2	226412	322145	4.43%	0.367%
47	18.009	2548	2554	2558	rVV2	835351	1448605	19.94%	1.651%
48	18.045	2558	2560	2568	rVB2	330396	534644	7.36%	0.609%
49	18.127	2568	2574	2579	rBV8	87256	191392	2.63%	0.218%
50	18.215	2585	2589	2593	rVB5	113520	139539	1.92%	0.159%
51	18.298	2598	2603	2604	rVV3	162107	224714	3.09%	0.256%
52	18.321	2604	2607	2613	rVV	300417	444318	6.11%	0.506%
53	18.380	2613	2617	2623	rVB	243870	371854	5.12%	0.424%
54	18.474	2630	2633	2637	rVB5	111388	130198	1.79%	0.148%
55	18.568	2642	2649	2653	rVV5	155304	319999	4.40%	0.365%
56	18.621	2655	2658	2661	rVV	114741	138207	1.90%	0.158%
57	18.662	2662	2665	2669	rVB3	85583	115355	1.59%	0.131%
58	18.745	2674	2679	2684	rBV2	285456	529957	7.29%	0.604%
59	18.839	2692	2695	2698	rBV2	168057	185007	2.55%	0.211%
60	18.886	2699	2703	2710	rVB5	271650	573748	7.90%	0.654%
61	19.015	2718	2725	2730	rBV	5238869	7266390	100.00%	8.282%
62	19.139	2743	2746	2754	rVB4	326341	598110	8.23%	0.682%
63	19.351	2776	2782	2784	rBV2	2824535	4283740	58.95%	4.882%
64	19.380	2784	2787	2795	rVV	4524023	5765317	79.34%	6.571%
65	19.451	2796	2799	2803	rVB2	207524	300799	4.14%	0.343%
66	19.556	2815	2817	2821	rVB	172750	194975	2.68%	0.222%
67	19.598	2821	2824	2827	rBV3	159620	216258	2.98%	0.246%
68	19.703	2838	2842	2849	rBV4	287033	647846	8.92%	0.738%
69	19.792	2854	2857	2861	rVB2	246268	294002	4.05%	0.335%
70	19.880	2863	2872	2877	rVB	633506	1323714	18.22%	1.509%
71	19.980	2885	2889	2893	rBV	453472	580431	7.99%	0.662%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Z6

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

72	20.039	2893	2899	2902	rBV2	391308	673352	9.27%	0.767%
73	20.180	2919	2923	2926	rBV	228954	321944	4.43%	0.367%
74	20.227	2928	2931	2934	rVB	287531	349789	4.81%	0.399%
75	20.639	2998	3001	3007	rVB	342621	412708	5.68%	0.470%
76	20.798	3025	3028	3031	rBV2	330085	373326	5.14%	0.426%
77	20.833	3031	3034	3037	rVV2	473765	575060	7.91%	0.655%
78	20.868	3037	3040	3049	rVV4	1006492	1483462	20.42%	1.691%
79	20.939	3049	3052	3056	rVB	376752	442949	6.10%	0.505%
80	21.145	3082	3087	3092	rBV2	2775564	5756858	79.23%	6.561%
81	21.192	3092	3095	3100	rVB	2151397	2403460	33.08%	2.739%
82	21.303	3112	3114	3118	rVB3	394816	420446	5.79%	0.479%
83	21.697	3178	3181	3184	rVB	344297	387446	5.33%	0.442%
84	22.686	3345	3349	3362	rVB	1448963	4125563	56.78%	4.702%
85	23.144	3423	3427	3431	rBV	747521	1178080	16.21%	1.343%
86	23.197	3431	3436	3439	rVV	1094078	1872786	25.77%	2.135%
87	23.239	3439	3443	3451	rVB	1283285	2191544	30.16%	2.498%
88	23.333	3455	3459	3463	rVV2	739147	1094669	15.06%	1.248%

Sum of corrected areas: 87737861

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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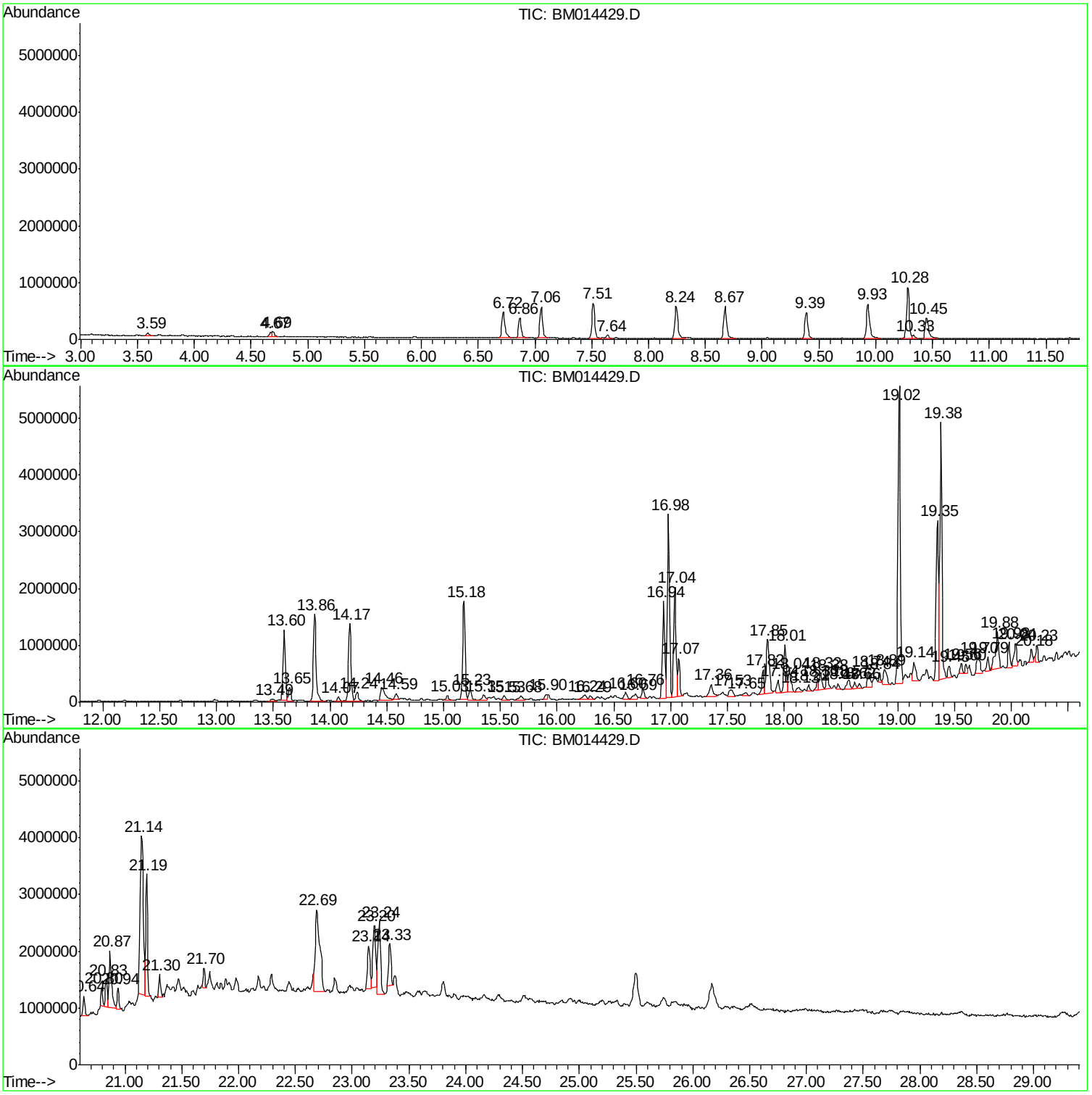
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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

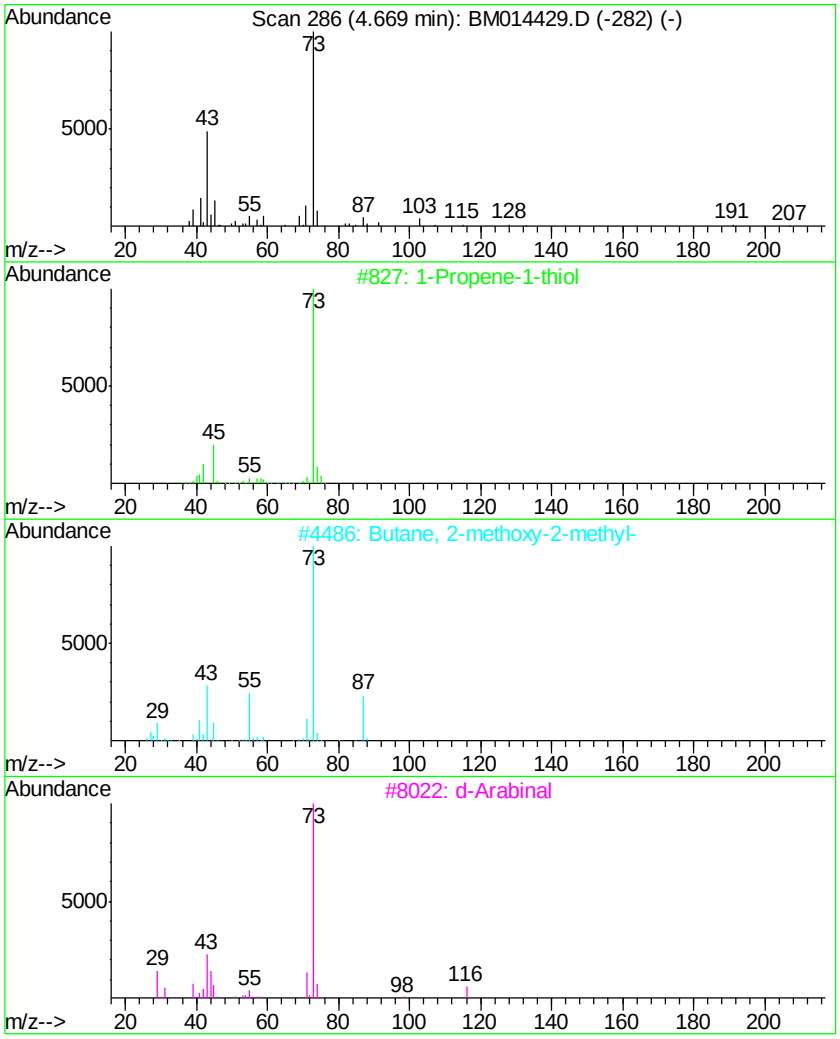
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

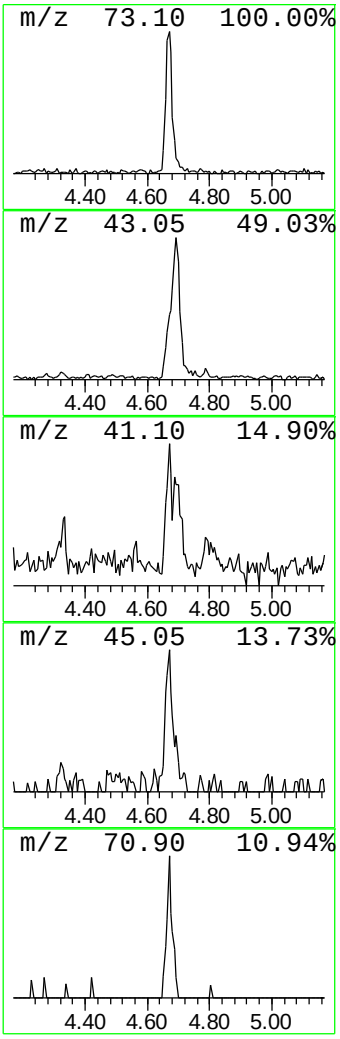
****

Peak Number 1 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.22 ng/ul	111982	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene-1-thiol	74	C3H6S	000925-89-3	43
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
3	d-Arabinal	116	C5H8O3	000496-61-7	38
4	Silane, trimethyl(3-methyl-3-phe...	202	C13H18Si	128889-54-3	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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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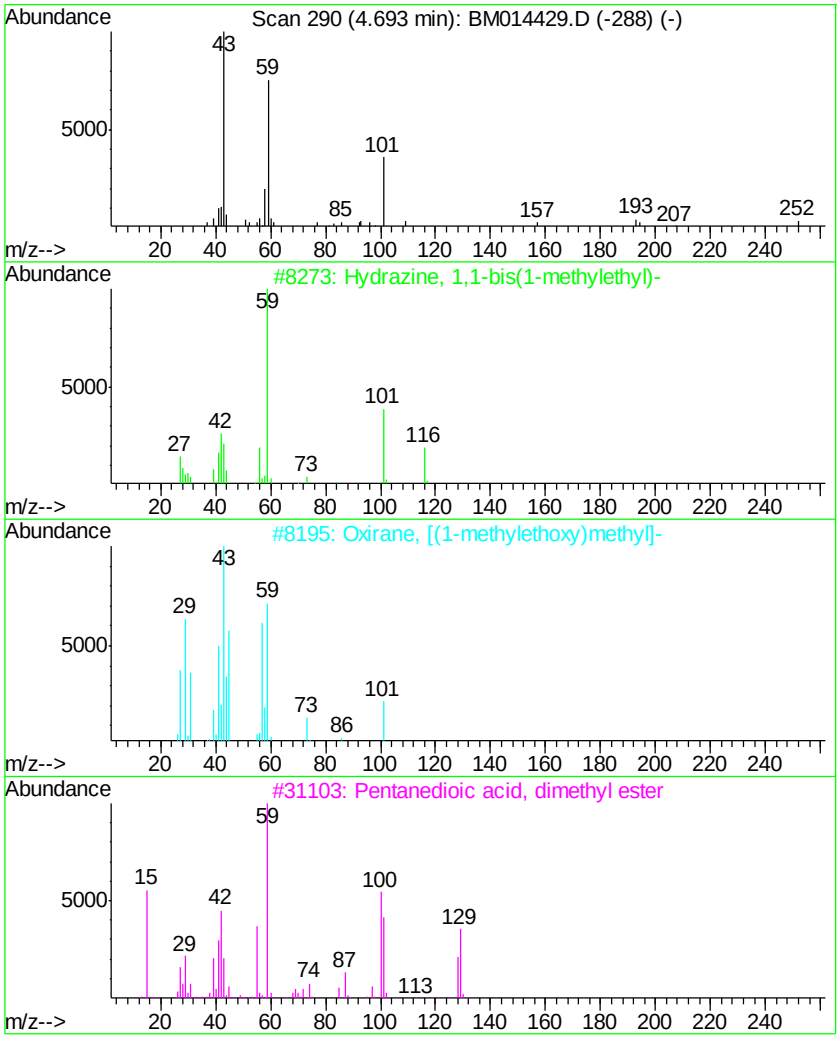
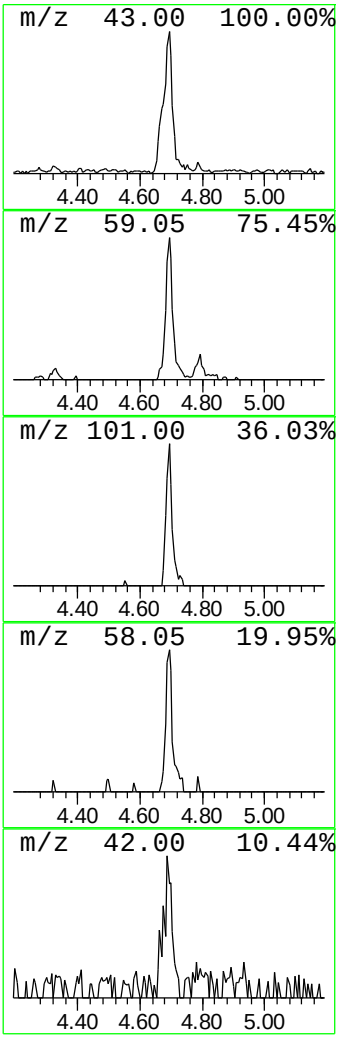
Peak Number 2 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	2.25 ng/ul	113646	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	45
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	28





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
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Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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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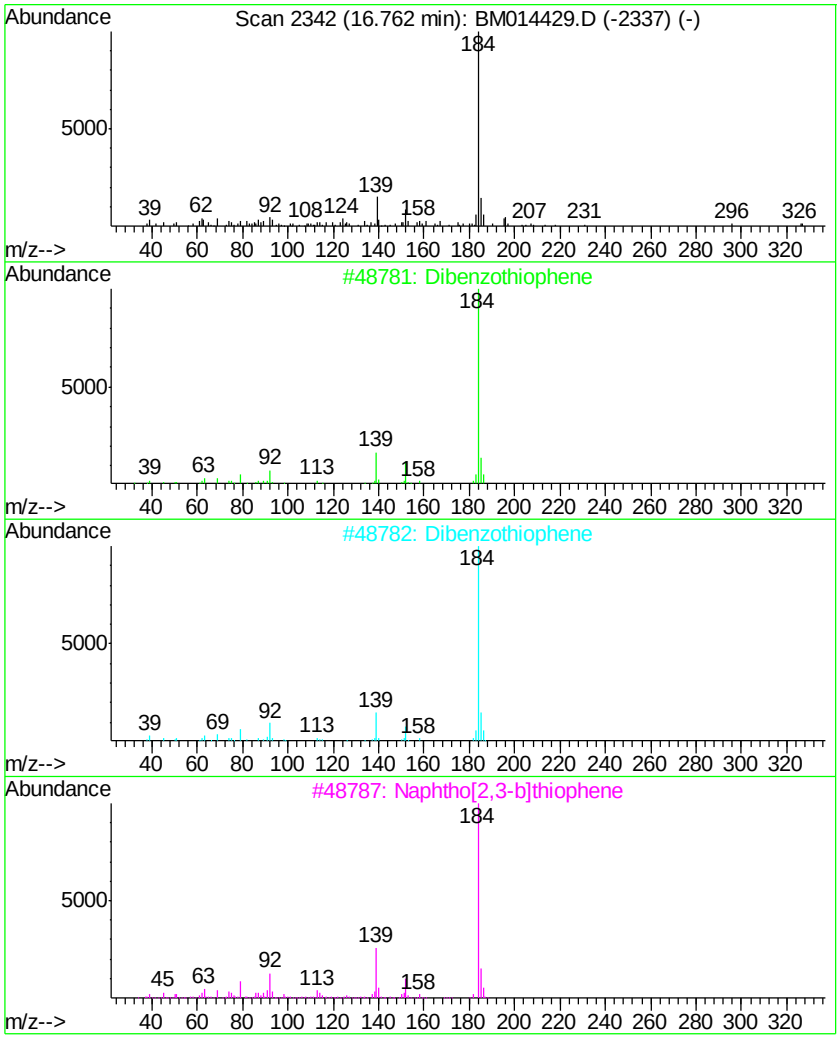
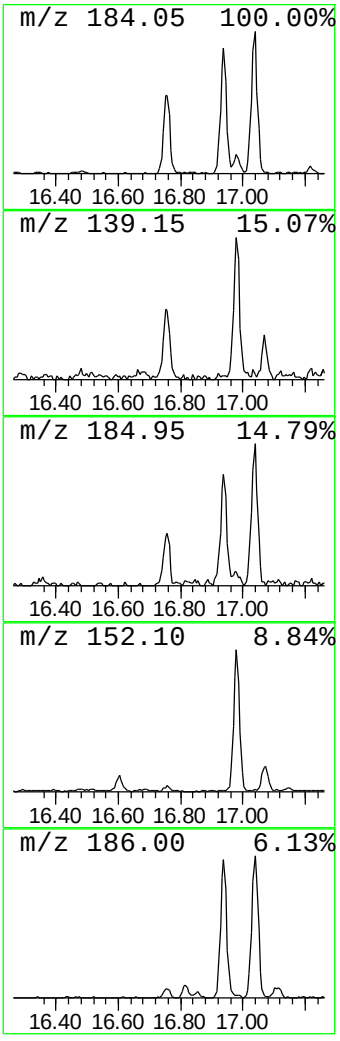
Peak Number 3 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.04 ng/ul	245242	Phenanthrene-d10	16.94

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





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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Z6

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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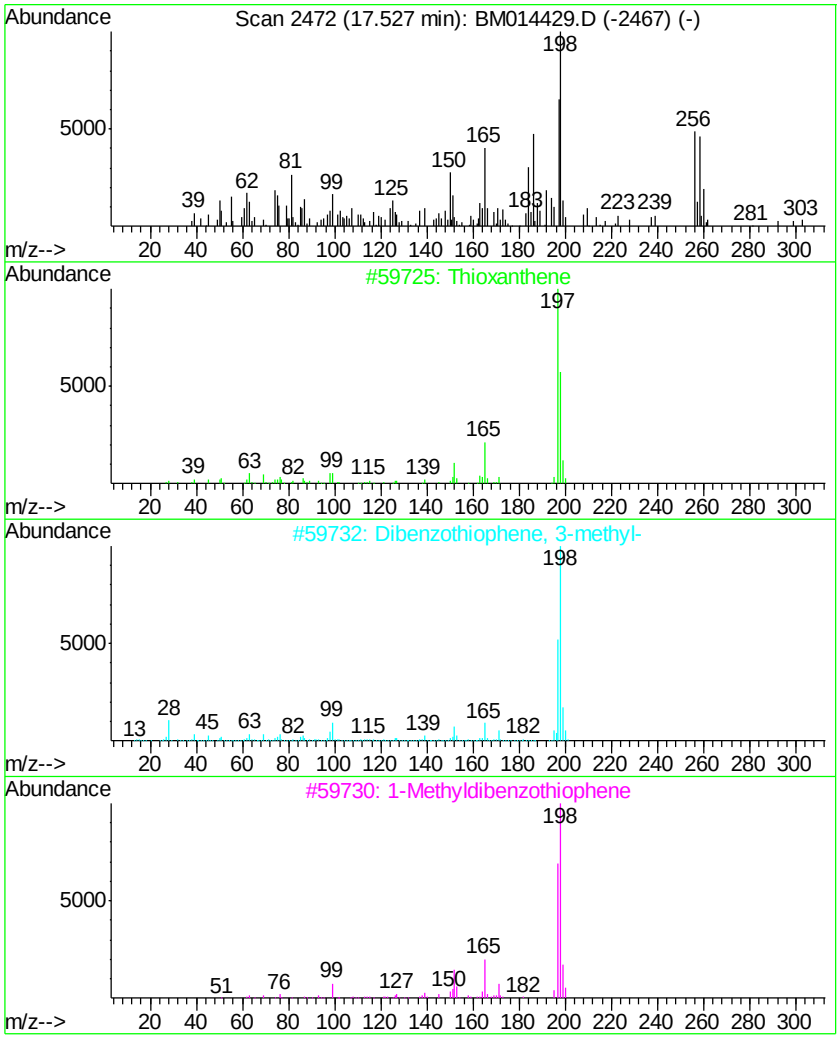
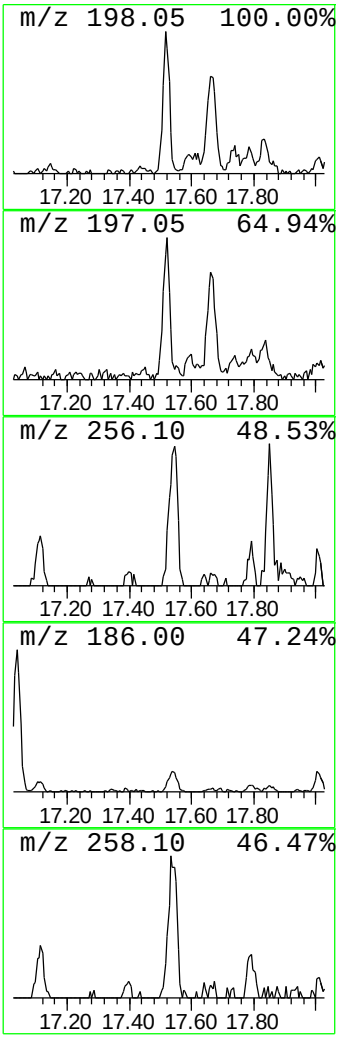
Peak Number 4 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.32 ng/ul	277925	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioxanthene	198	C13H10S	000261-31-4	35
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	25
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	22
4	Methanethione, diphenyl-	198	C13H10S	001450-31-3	22
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	20





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Data File : BM014429.D
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Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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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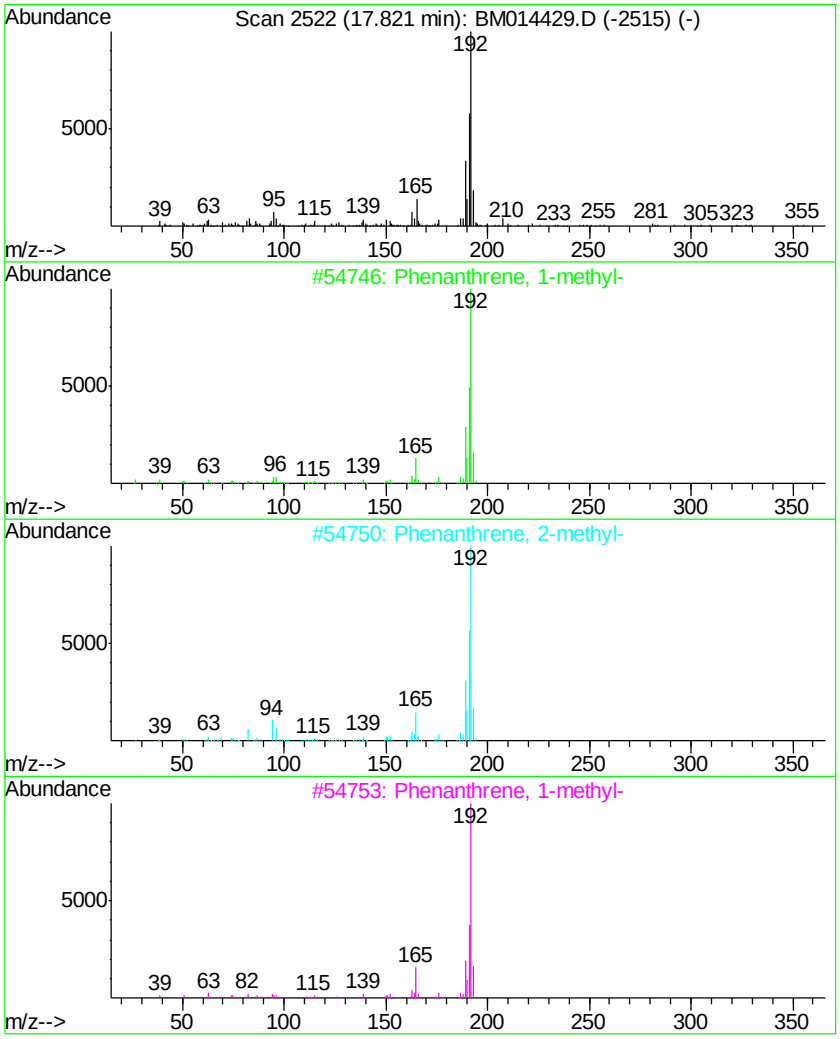
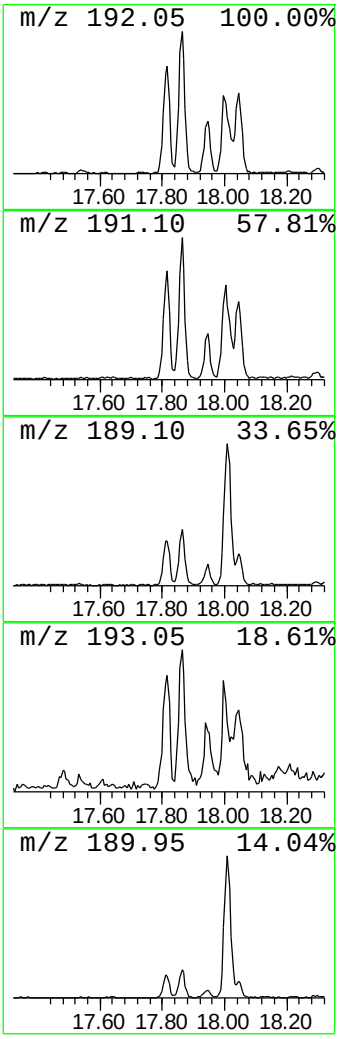
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.21 ng/ul	624720	Phenanthrene-d10	16.94

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





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Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
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Instrument : BNA_M
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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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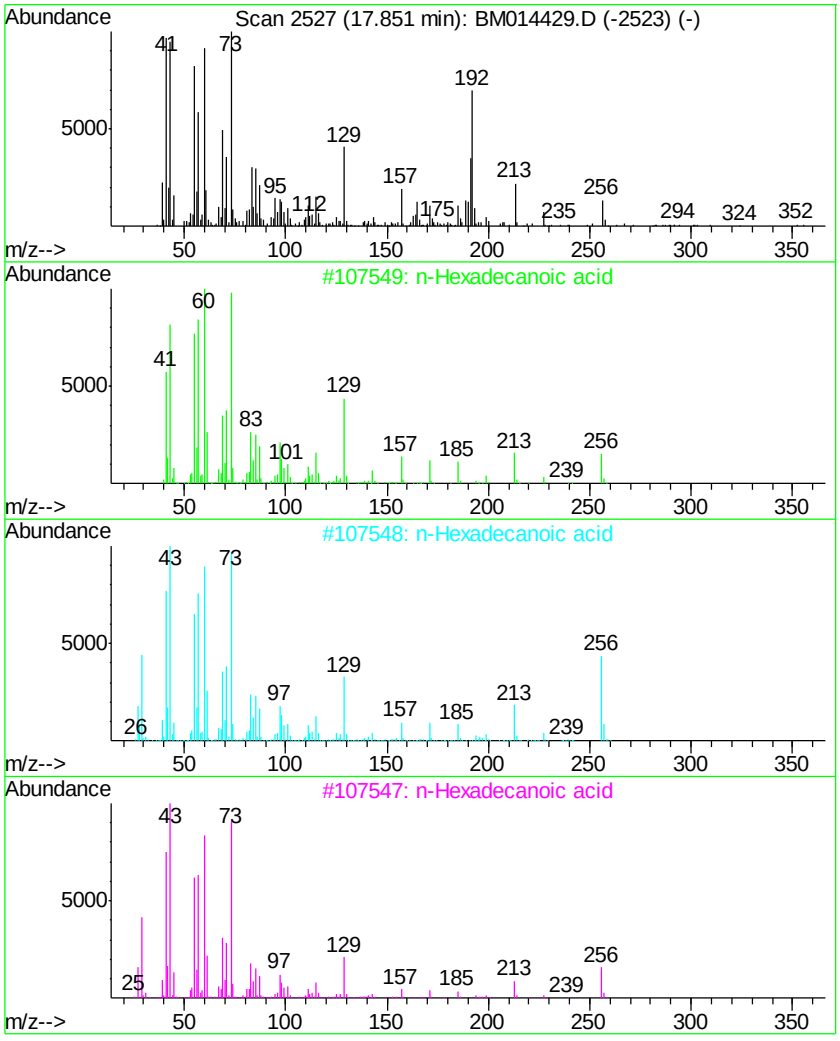
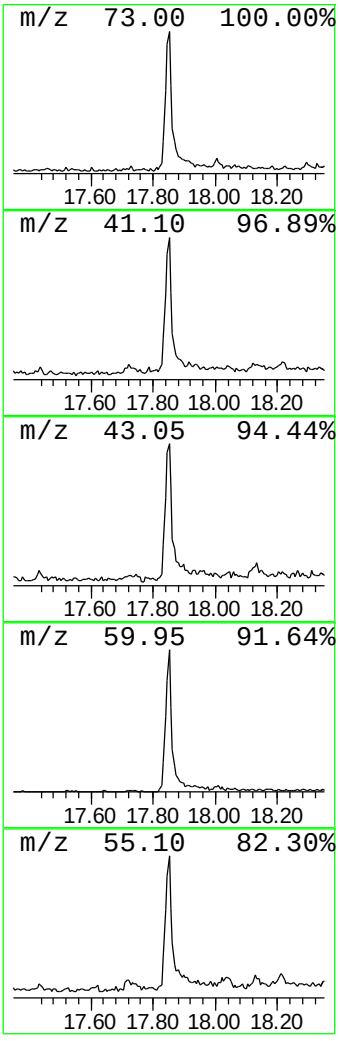
Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	15.84 ng/ul	1901000	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	56





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Sample : J1679-01
Misc :
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ClientSampleId : BE5Z6

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Quant Title : SVOA CALIBRATION

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

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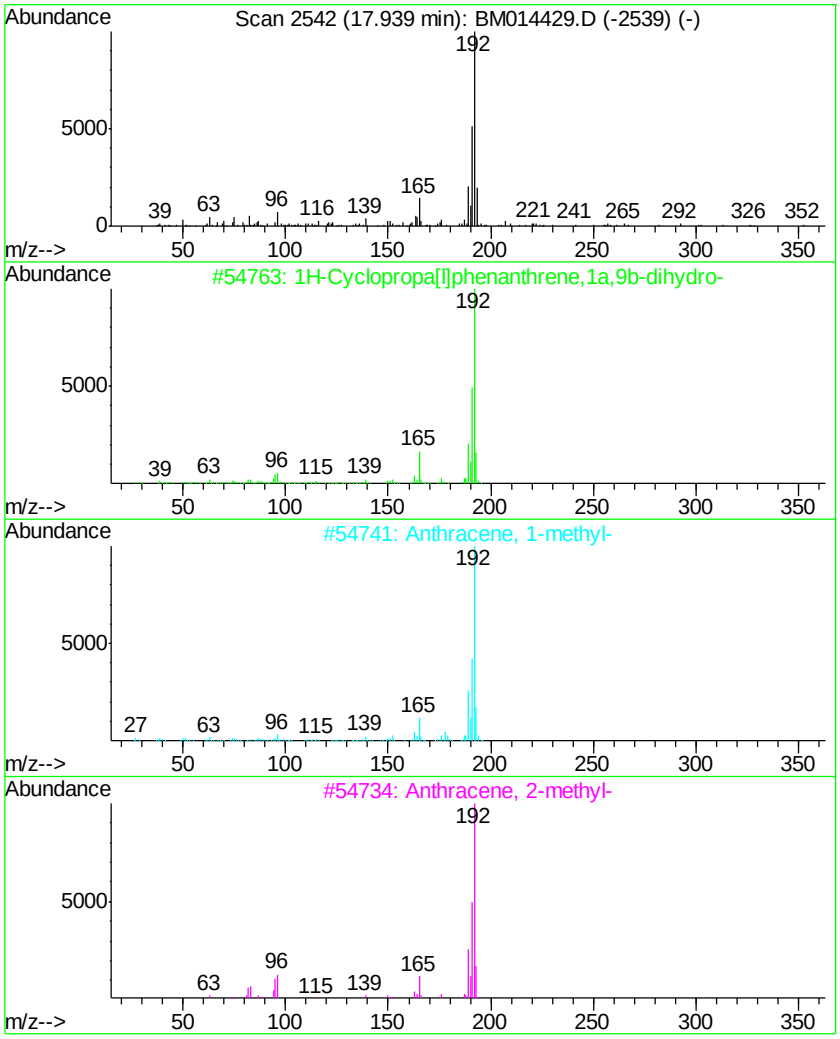
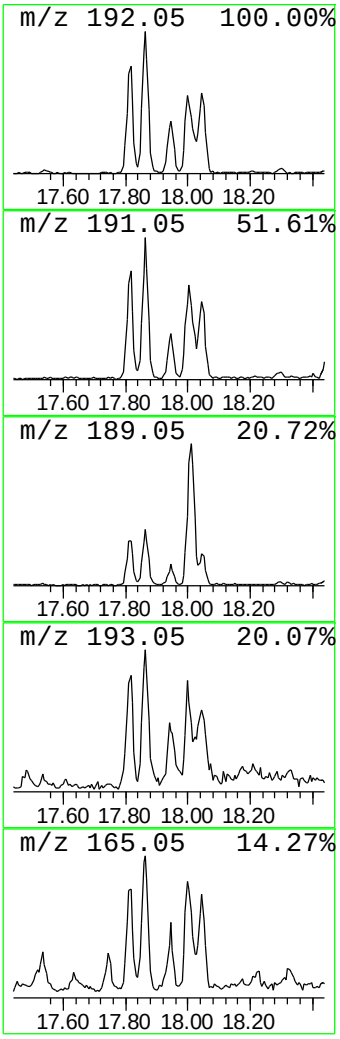
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.68 ng/ul	322145	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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ClientSampleId : BE5Z6

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Quant Title : SVOA CALIBRATION

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

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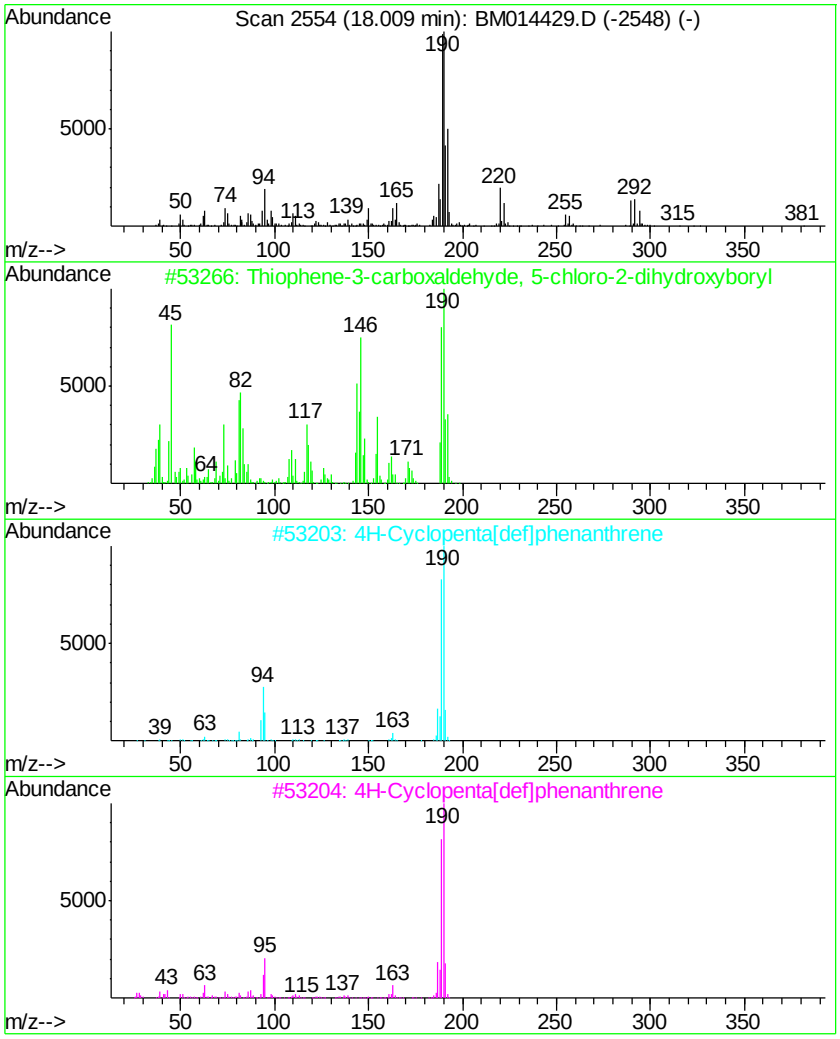
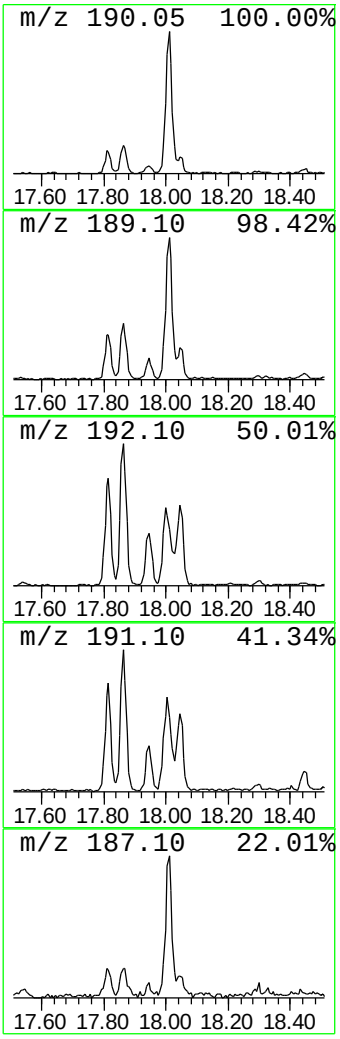
Peak Number 8 Thiophene-3-carboxaldehyde,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	12.07 ng/ul	1448610	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Quant Title : SVOA CALIBRATION

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

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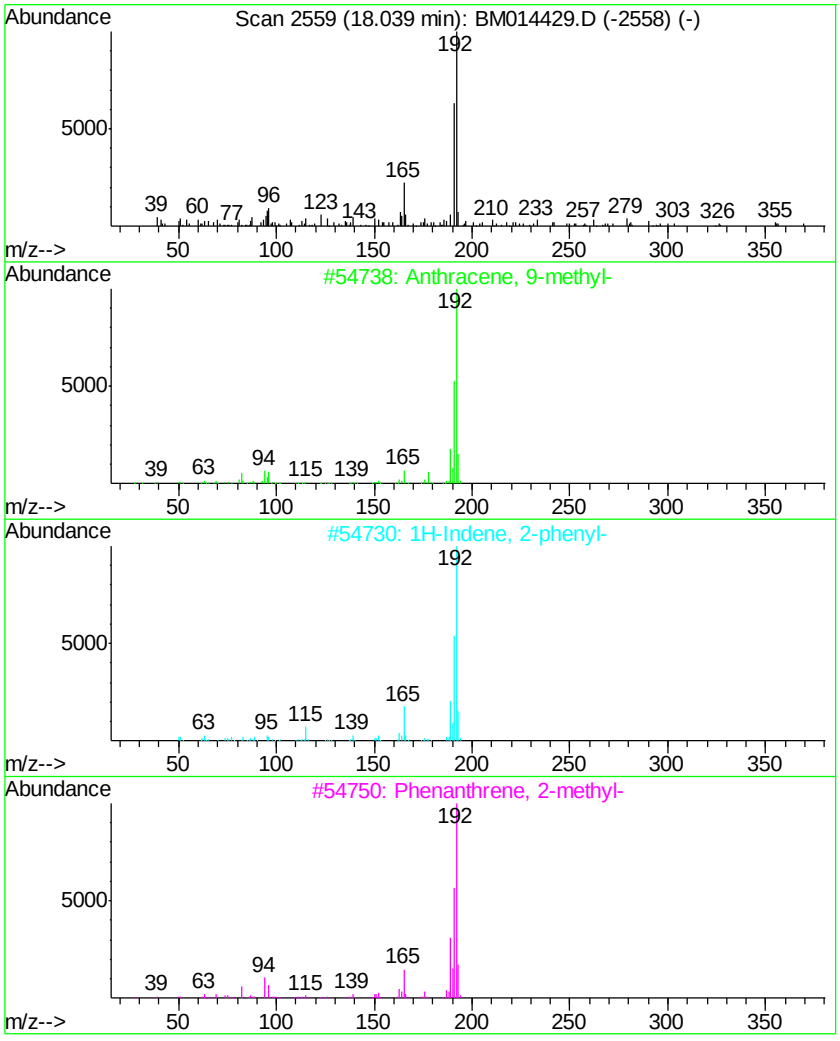
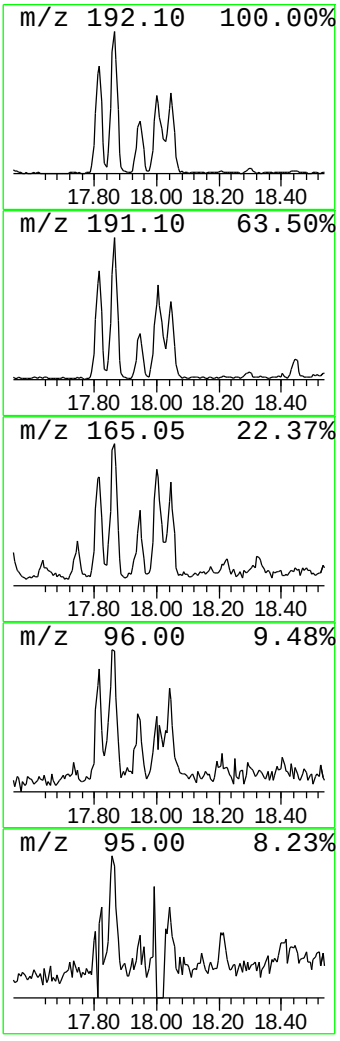
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.46 ng/ul	534644	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	68





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Quant Title : SVOA CALIBRATION

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

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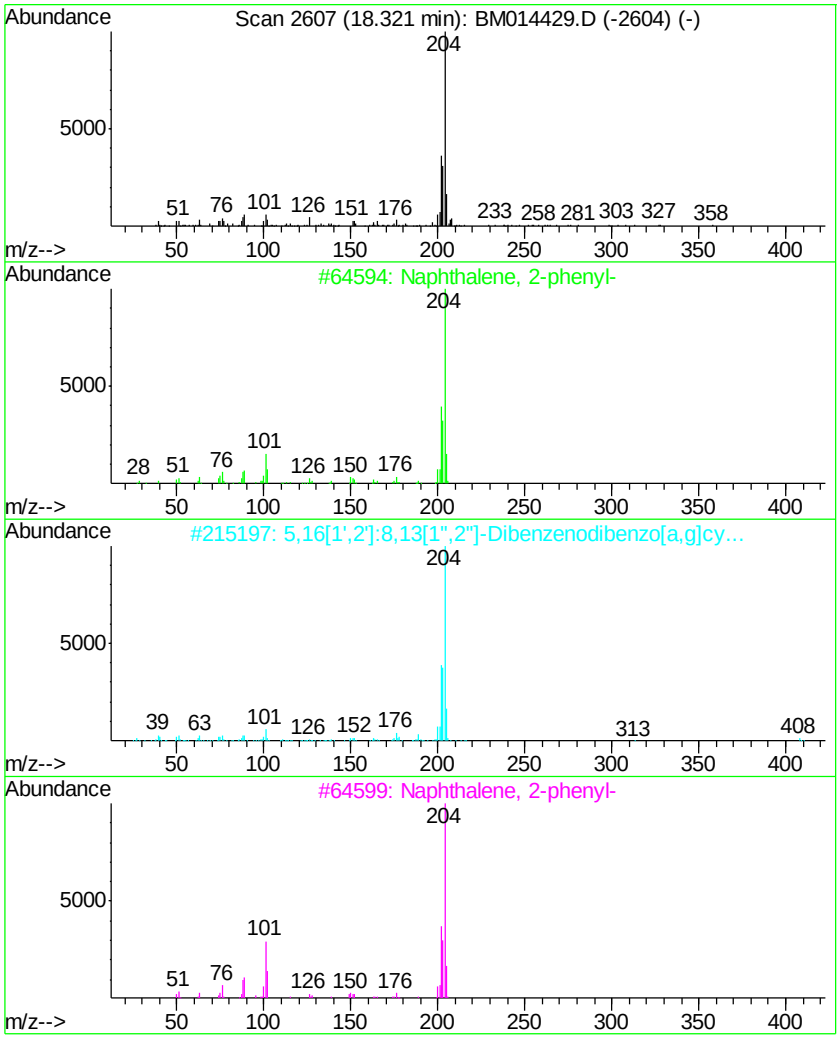
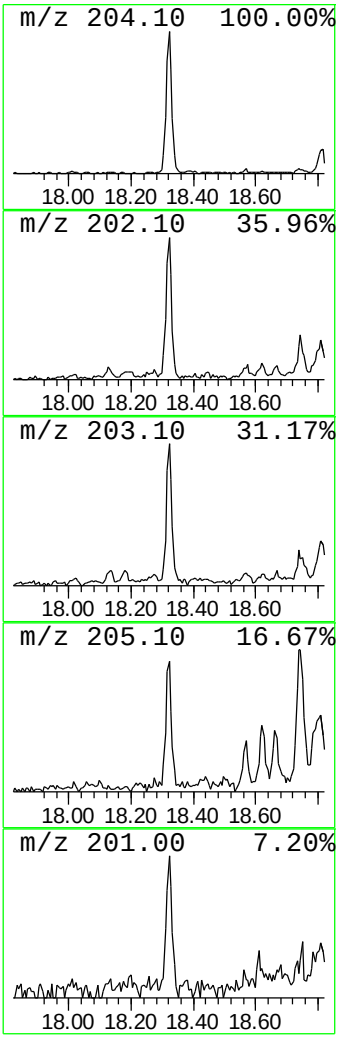
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.70 ng/ul	444318	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
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	68





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Quant Title : SVOA CALIBRATION

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

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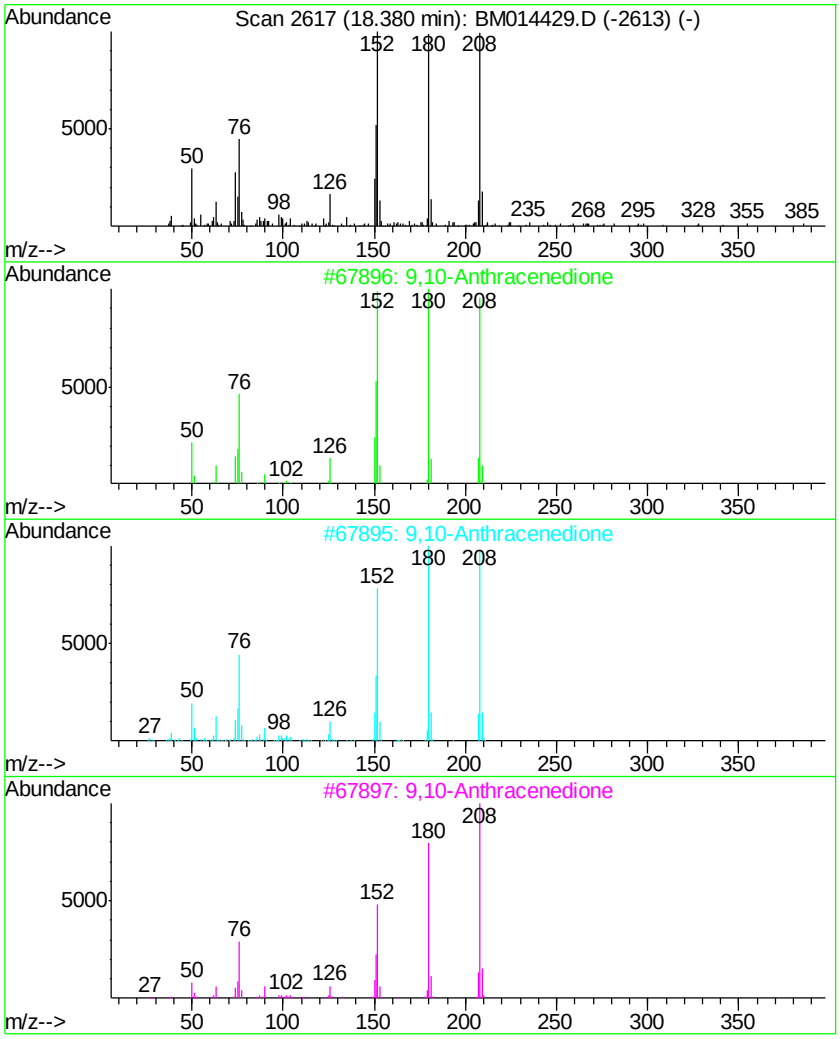
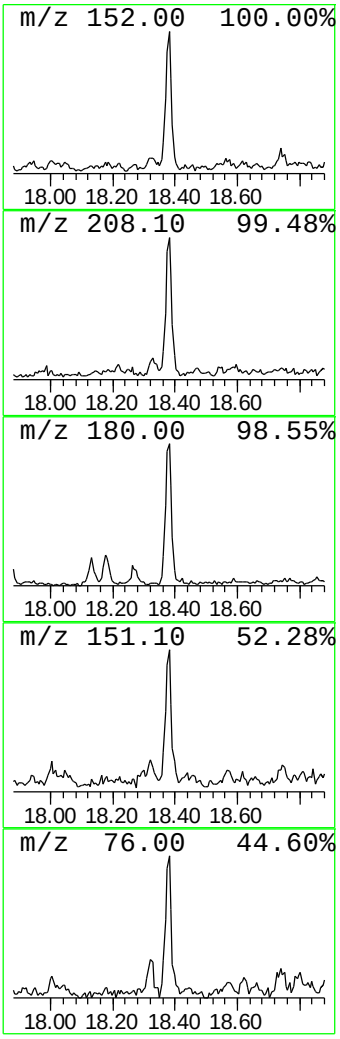
Peak Number 11 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.10 ng/ul	371854	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Quant Title : SVOA CALIBRATION

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

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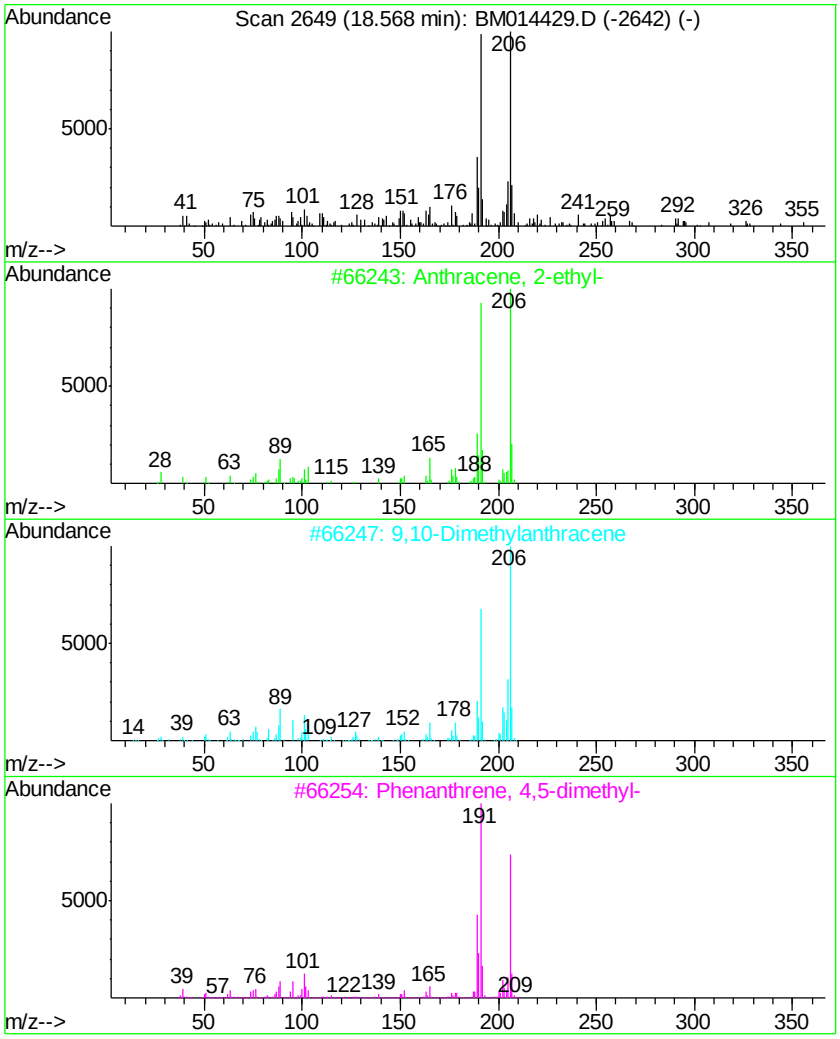
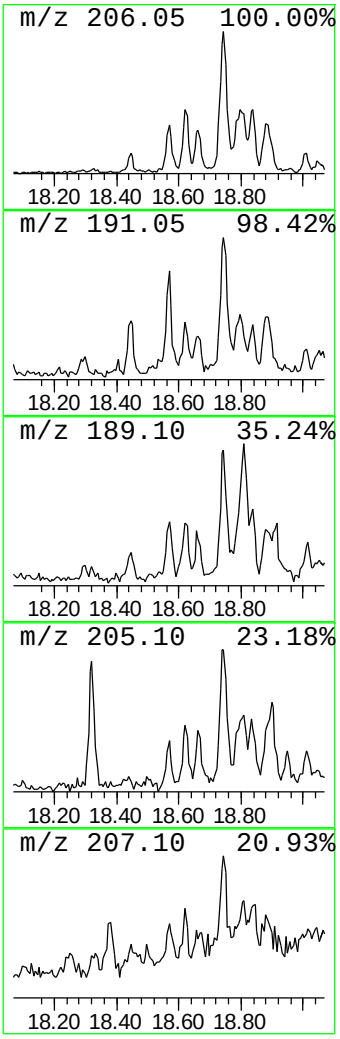
Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.67 ng/ul	319999	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





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ClientSampleId : BE5Z6

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Quant Title : SVOA CALIBRATION

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

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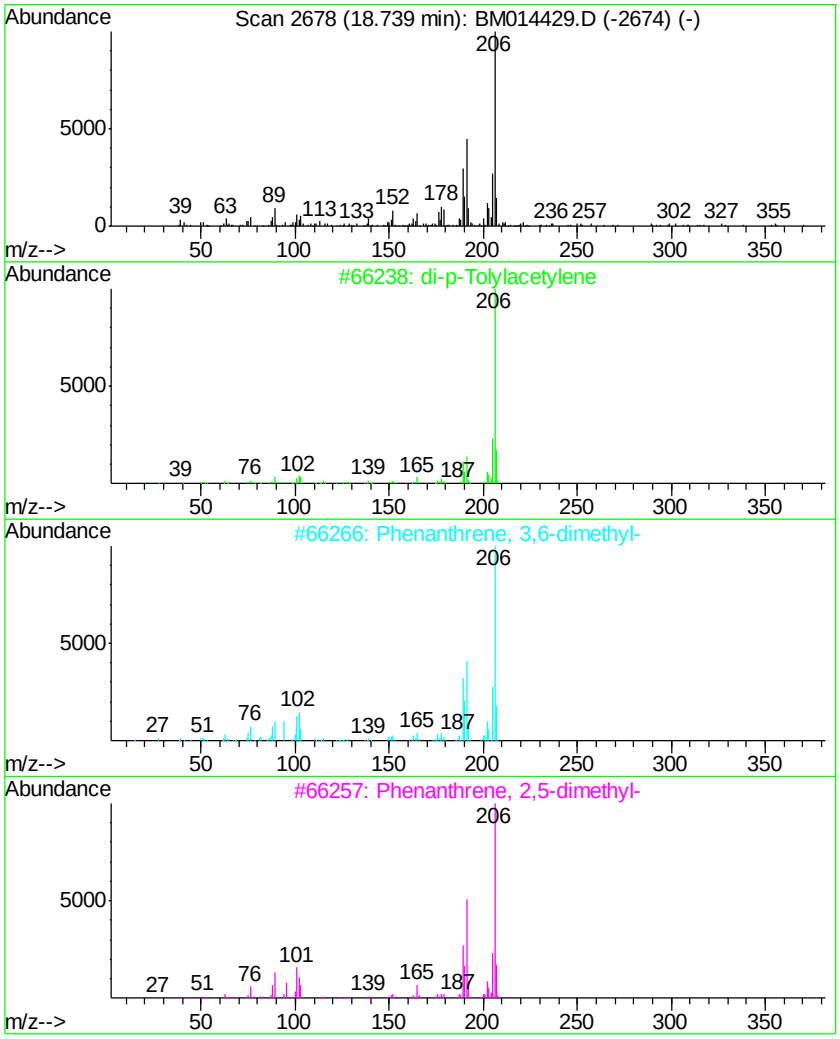
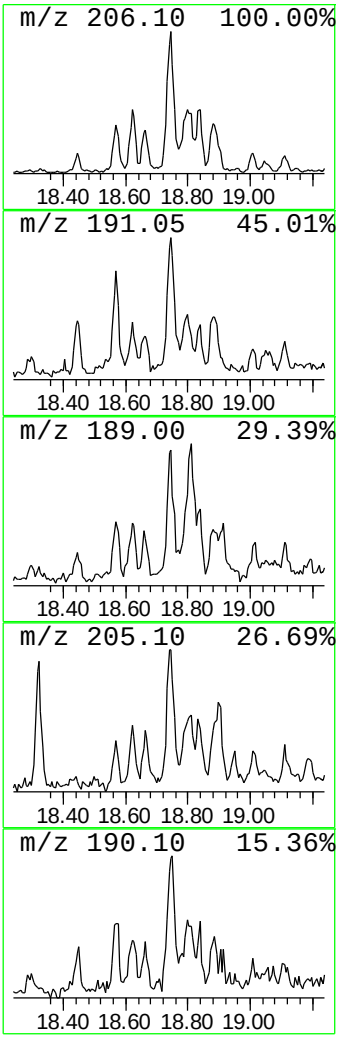
Peak Number 13 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	4.42 ng/ul	529957	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Quant Title : SVOA CALIBRATION

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

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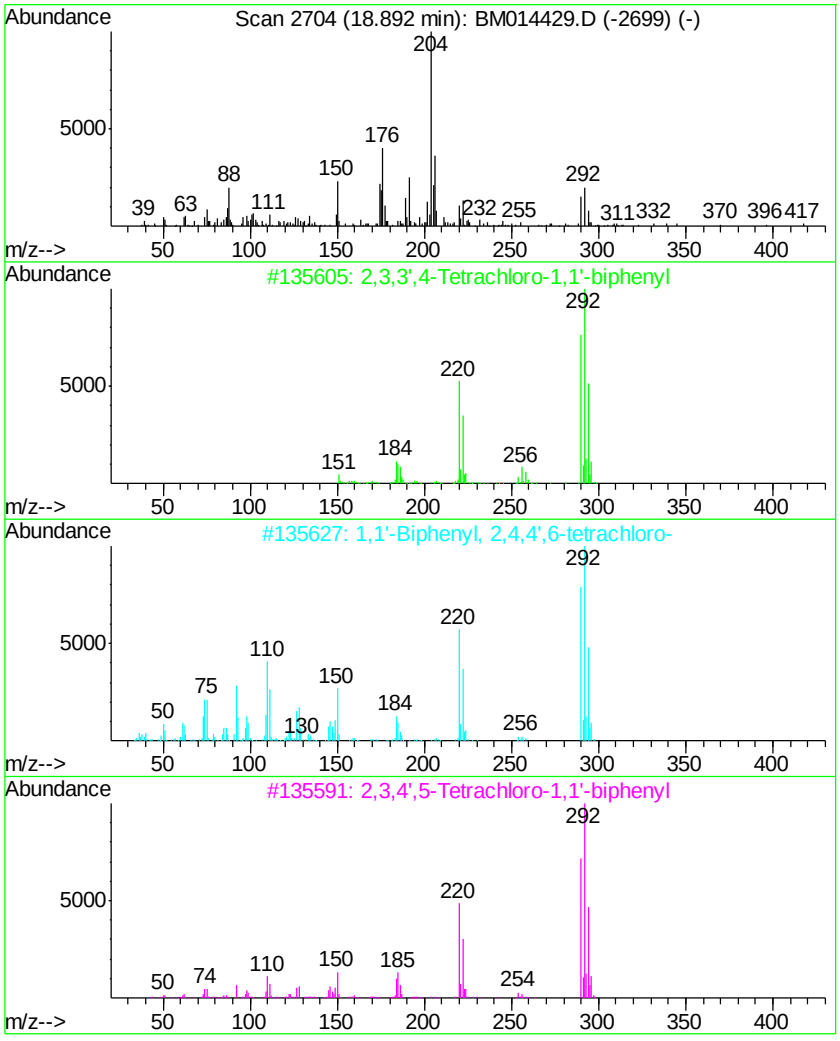
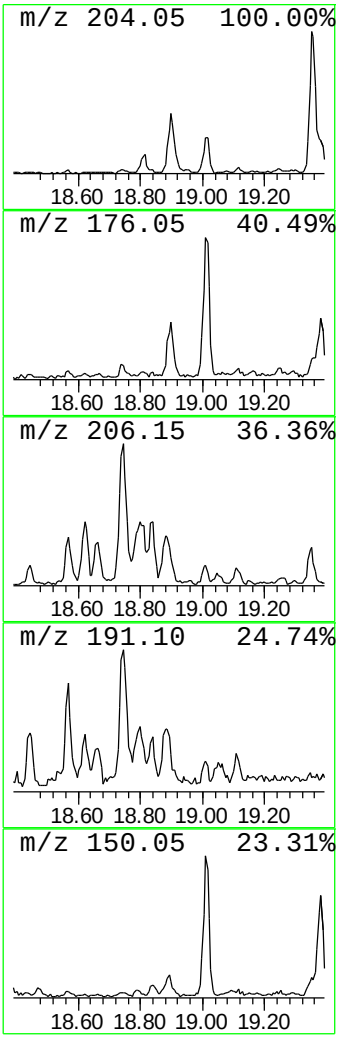
Peak Number 14 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	4.78 ng/ul	573748	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	55
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	55
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	52
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	51
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	50





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

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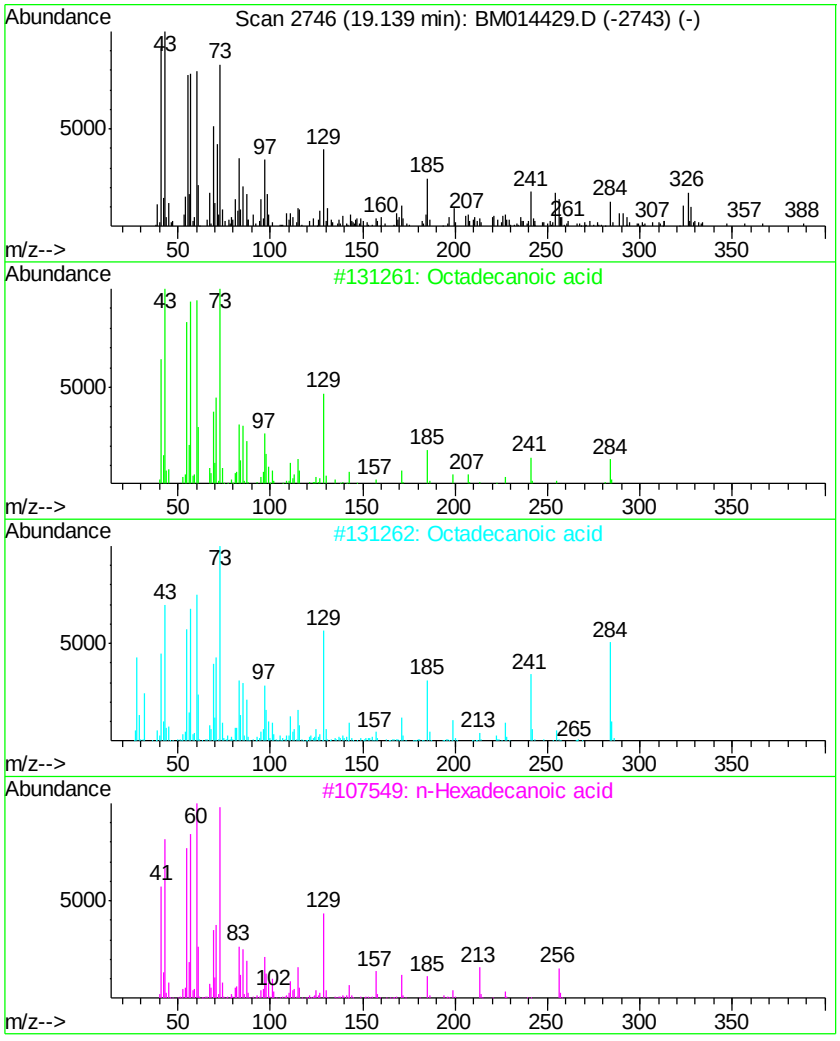
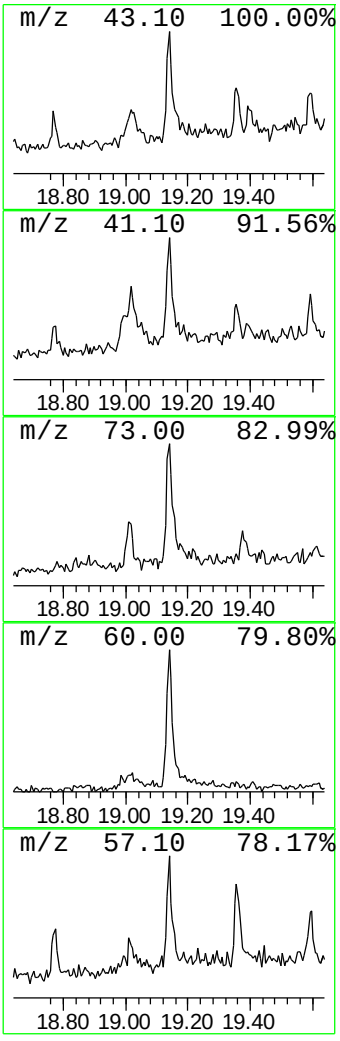
Peak Number 15 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.08 ng/ul	598110	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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

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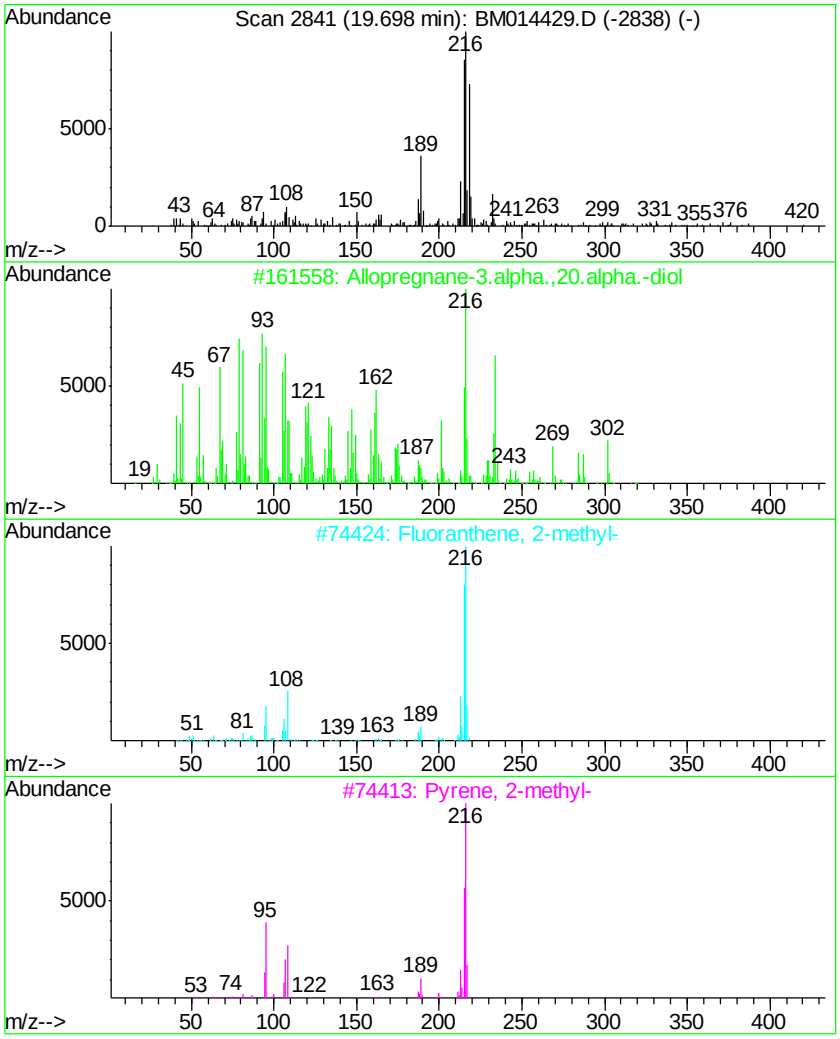
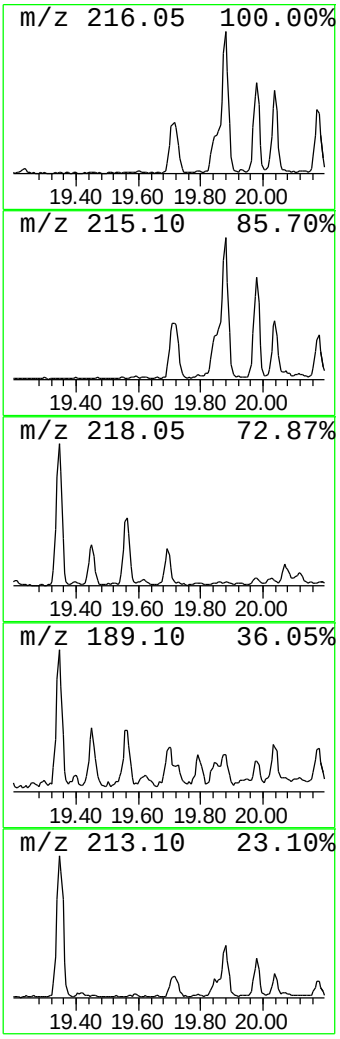
Peak Number 16 Allopregnane-3.alpha.,20.al... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.25 ng/ul	647846	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	86
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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Quant Title : SVOA CALIBRATION

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

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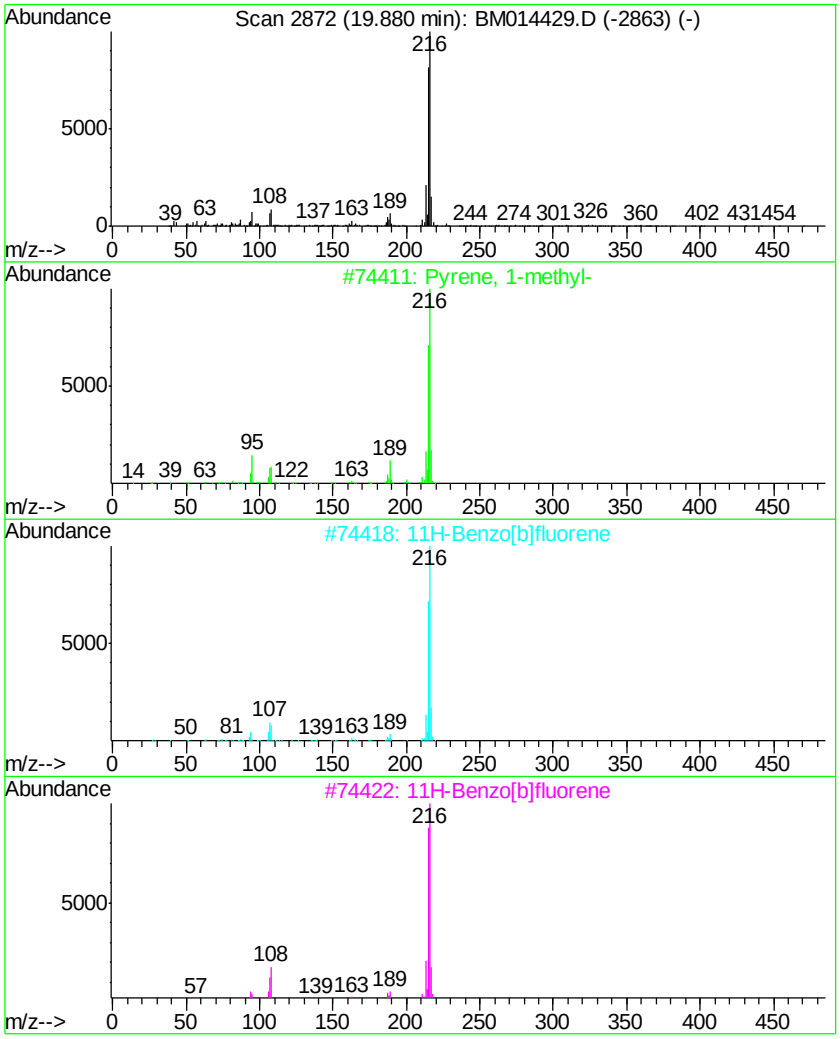
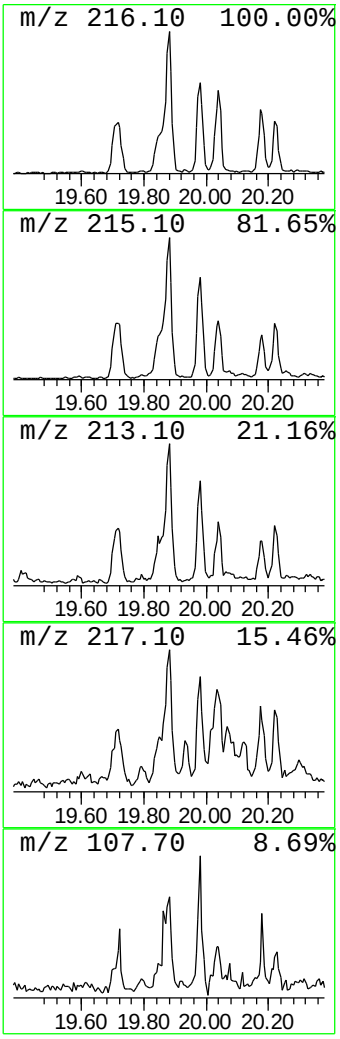
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.60 ng/ul	1323710	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : SVOA CALIBRATION

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

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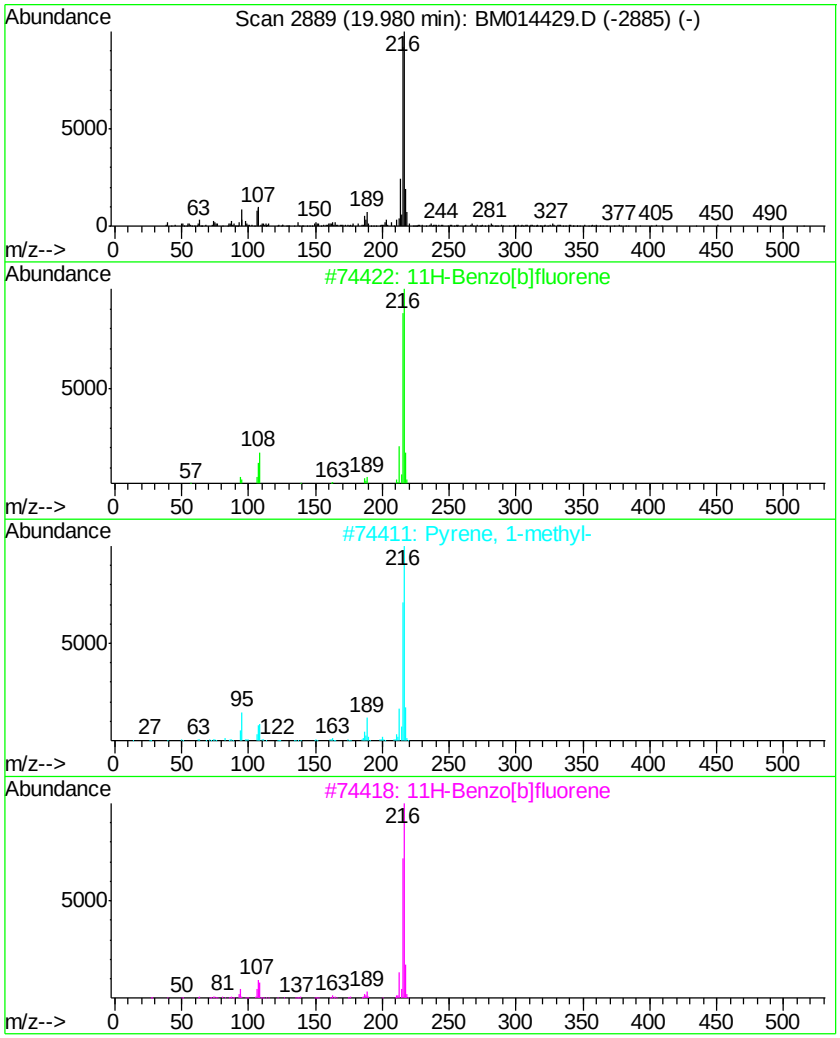
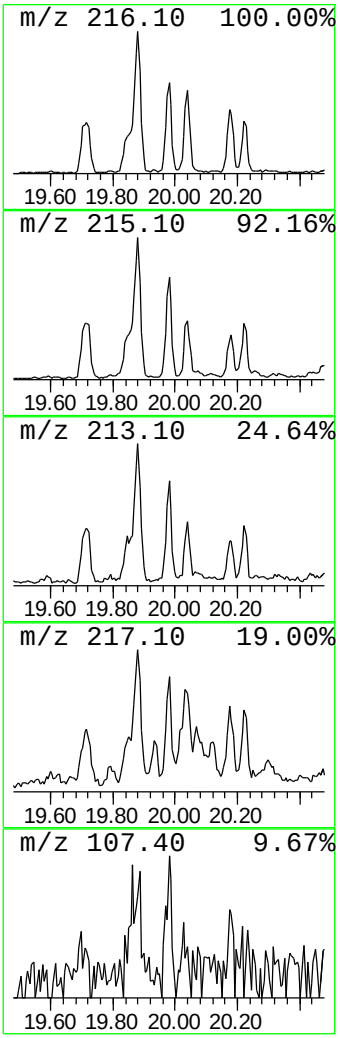
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.02 ng/ul	580431	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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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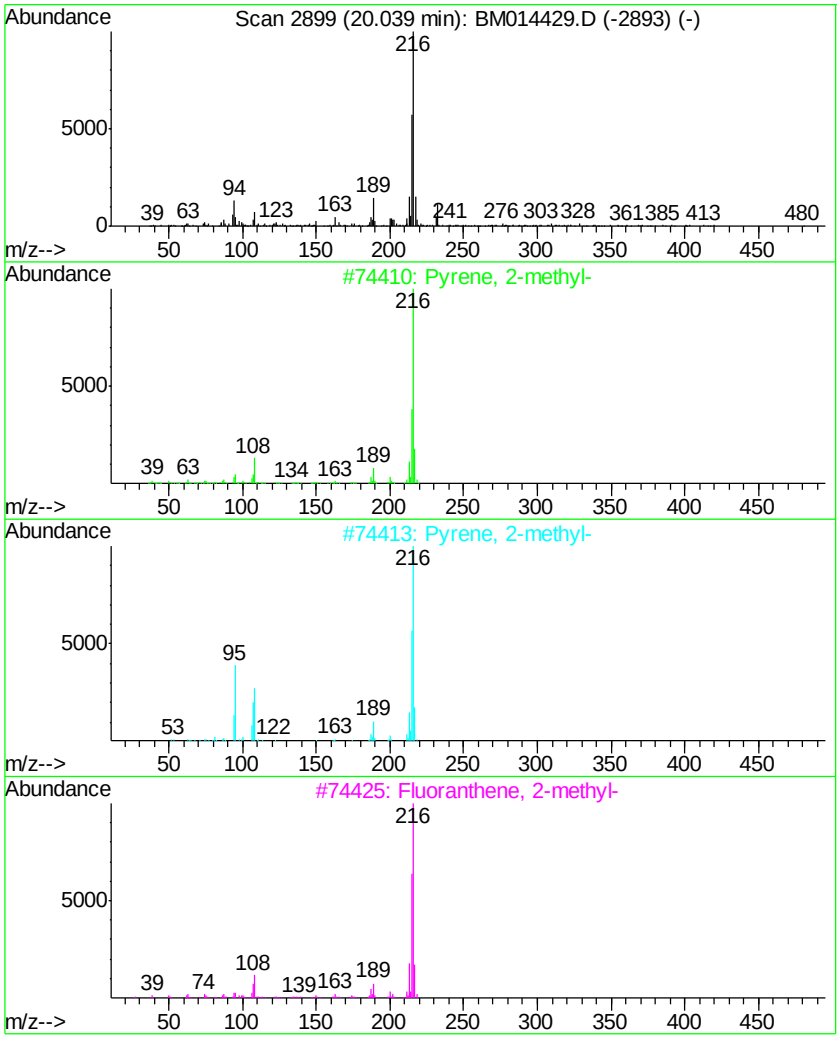
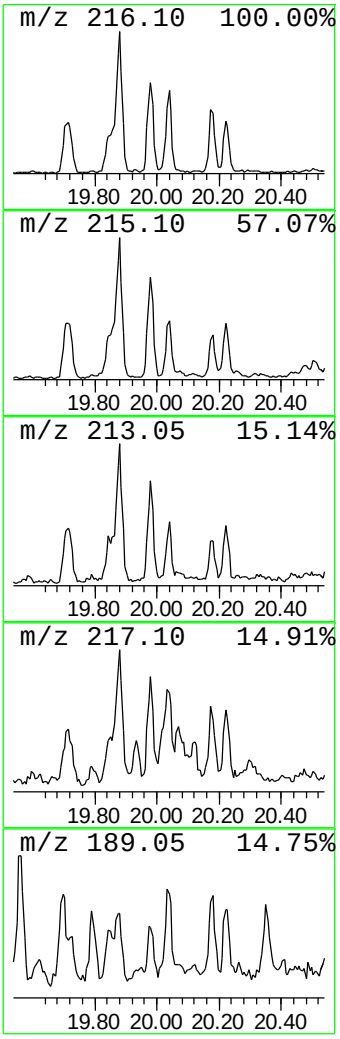
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.34 ng/ul	673352	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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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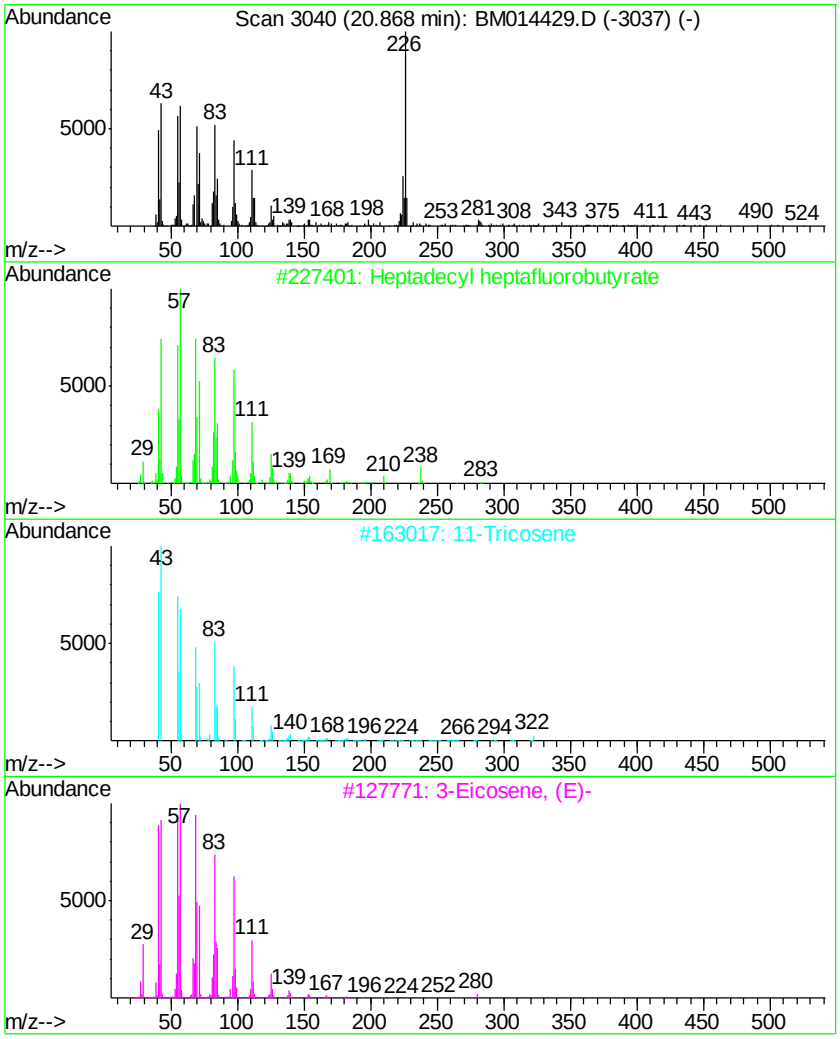
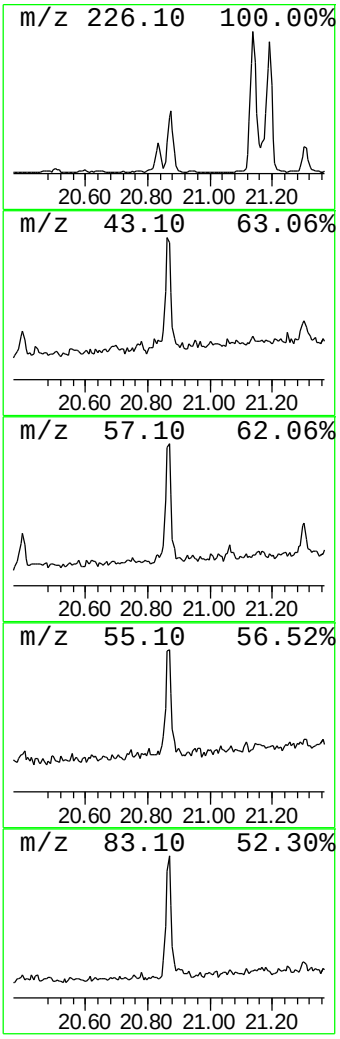
Peak Number 20 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.15 ng/ul	1483460	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
2	11-Tricosene	322	C23H46	052078-56-5	58
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	56
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	49
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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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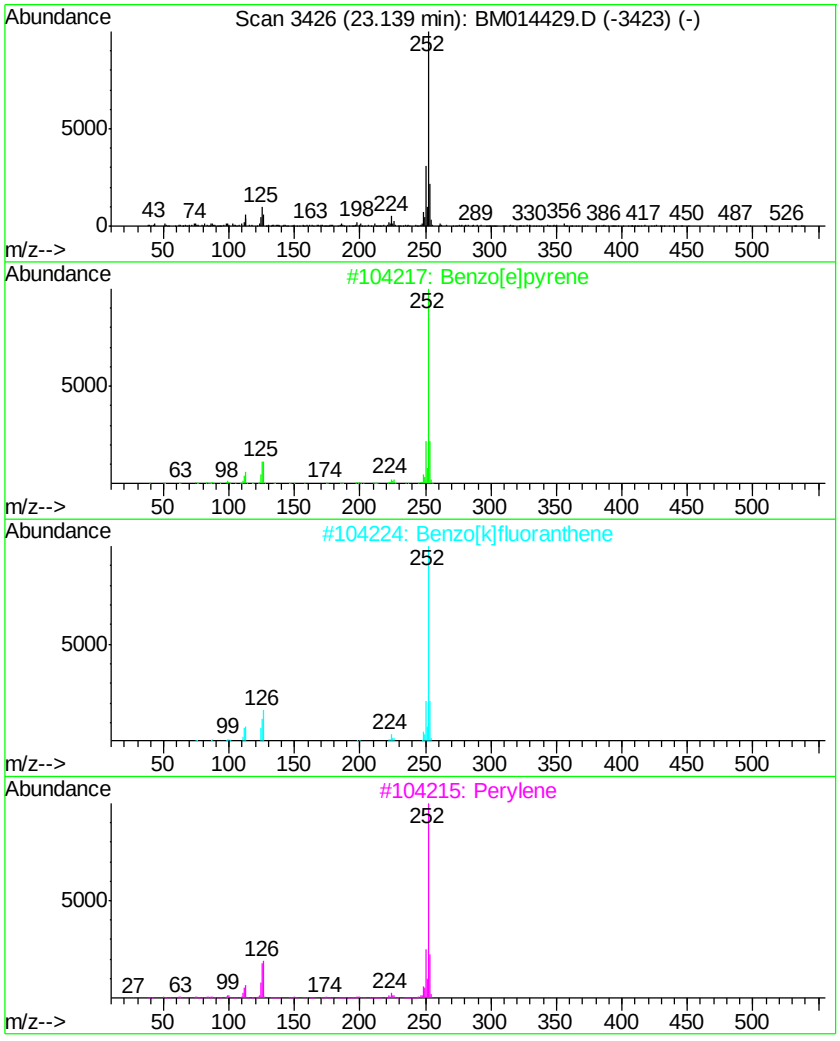
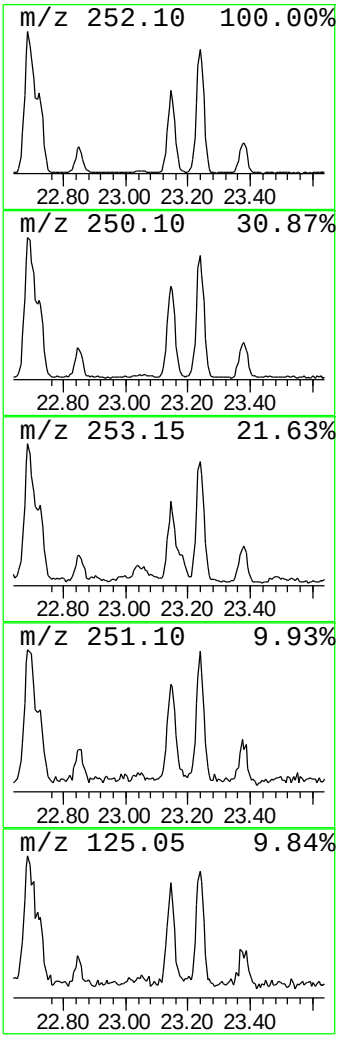
Peak Number 21 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	21.52 ng/ul	1178080	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

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
unknown-01	4.67	2.2	ng/ul	111982	1	7.51	1009150	20.0
unknown-02	4.69	2.3	ng/ul	113646	1	7.51	1009150	20.0
Dibenzothiophene	16.76	2.0	ng/ul	245242	4	16.94	2399780	20.0
unknown-03	17.53	2.3	ng/ul	277925	4	16.94	2399780	20.0
Phenanthrene, 1-m...	17.82	5.2	ng/ul	624720	4	16.94	2399780	20.0
n-Hexadecanoic acid	17.85	15.8	ng/ul	1901000	4	16.94	2399780	20.0
1H-Cyclopropa[l]p...	17.94	2.7	ng/ul	322145	4	16.94	2399780	20.0
Thiophene-3-carbo...	18.01	12.1	ng/ul	1448610	4	16.94	2399780	20.0
Anthracene, 9-met...	18.04	4.5	ng/ul	534644	4	16.94	2399780	20.0
Naphthalene, 2-ph...	18.32	3.7	ng/ul	444318	4	16.94	2399780	20.0
9,10-Anthracenedione	18.38	3.1	ng/ul	371854	4	16.94	2399780	20.0
Anthracene, 2-ethyl-	18.57	2.7	ng/ul	319999	4	16.94	2399780	20.0
di-p-Tolylacetylene	18.74	4.4	ng/ul	529957	4	16.94	2399780	20.0
2,3,3',4-Tetrachl...	18.89	4.8	ng/ul	573748	4	16.94	2399780	20.0
Octadecanoic acid	19.14	2.1	ng/ul	598110	5	21.16	5756860	20.0
Allopregnane-3.al...	19.70	2.3	ng/ul	647846	5	21.16	5756860	20.0
Pyrene, 1-methyl-	19.88	4.6	ng/ul	1323710	5	21.16	5756860	20.0
11H-Benzo[b]fluorene	19.98	2.0	ng/ul	580431	5	21.16	5756860	20.0
Pyrene, 2-methyl-	20.04	2.3	ng/ul	673352	5	21.16	5756860	20.0
Heptadecyl heptaf...	20.87	5.2	ng/ul	1483460	5	21.16	5756860	20.0
Benzo[e]pyrene	23.14	21.5	ng/ul	1178080	6	23.33	1094670	20.0