LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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	4.663	283	285	290	rVB3	20341	32213	1.60%	0.163%
2	5.181	371	373	379	rVB3	17670	21441	1.07%	0.108%
3	6.739	633	638	654	rBV4	50663	152900	7.60%	0.771%
4	6.863	655	659	667	rVB	62884	98419	4.89%	0.497%
5	7.057	687	692	698	rBV2	86928	157658	7.84%	0.796%
6	7.504	762	768	780	rVB	423860	756357	37.60%	3.816%
7	7.628	785	789	797	rVB4	20440	42294	2.10%	0.213%
8	8.269	892	898	903	rBV5	45119	104826	5.21%	0.529%
9	8.686	964	969	980	rVB	69939	157634	7.84%	0.795%
10	9.392	1085	1089	1103	rBV3	61405	152669	7.59%	0.770%
11	9.686	1136	1139	1148	rVB5	25252	43283	2.15%	0.218%
12	9.986	1182	1190	1196	rBV5	43840	118785	5.91%	0.599%
13	10.280	1233	1240	1247	rBV	494941	962140	47.83%	4.855%
14	10.498	1272	1277	1285	rBV8	16998	44392	2.21%	0.224%
15	12.974	1695	1698	1708	rBV6	10158	22505	1.12%	0.114%
16	13.486	1778	1785	1790	rBV7	9835	21981	1.09%	0.111%
17	13.598	1799	1804	1808	rBV	162347	259715	12.91%	1.310%
18	13.645	1808	1812	1818	rVB	101104	168610	8.38%	0.851%
19	13.862	1843	1849	1862	rBV	202349	383587	19.07%	1.935%
20	14.068	1877	1884	1888	rBV4	15432	25178	1.25%	0.127%
21	14.168	1894	1901	1909	rBV2	700814	1133902	56.37%	5.721%
22	14.233	1909	1912	1918	rVB4	33603	52780	2.62%	0.266%
23	14.592	1968	1973	1977	rVB2	29359	51392	2.56%	0.259%
24	15.027	2042	2047	2051	rBV6	27633	35066	1.74%	0.177%
25	15.174	2067	2072	2078	rBV	218640	386475	19.21%	1.950%
26	15.233	2079	2082	2093	rVB3	48387	87143	4.33%	0.440%
27	15.380	2101	2107	2112	rBV9	20816	46484	2.31%	0.235%
28	15.533	2131	2133	2139	rVB6	16863	23552	1.17%	0.119%
29	15.892	2189	2194	2200	rBV7	27047	62105	3.09%	0.313%
30	16.239	2246	2253	2254	rBV6	13877	24240	1.21%	0.122%
31	16.292	2259	2262	2268	rVB5	14992	20985	1.04%	0.106%
32	16.509	2296	2299	2307	rVB8	19672	32265	1.60%	0.163%
33	16.609	2310	2316	2319	rBV5	26116	44372	2.21%	0.224%
34	16.686	2323	2329	2333	rBV7	32544	57100	2.84%	0.288%

LSC Area Percent Report

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Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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	16.756	2337	2341	2346	rVB2	30489	51066	2.54%	0.258%
36	16.933	2366	2371	2375	rBV	805078	1241123	61.70%	6.262%
37	16.974	2375	2378	2384	rVV	641543	967828	48.12%	4.883%
38	17.039	2384	2389	2392	rVV	253676	435971	21.67%	2.200%
39	17.068	2392	2394	2402	rVV2	126001	184789	9.19%	0.932%
40	17.151	2404	2408	2412	rVB7	18463	29630	1.47%	0.150%
41	17.362	2436	2444	2451	rBV2	61756	140155	6.97%	0.707%
42	17.815	2516	2521	2522	rBV	102320	134847	6.70%	0.680%
43	17.862	2523	2529	2536	rVV3	158187	344684	17.14%	1.739%
44	17.939	2539	2542	2548	rVB2	37049	68701	3.42%	0.347%
45	18.003	2548	2553	2557	rBV3	136863	241496	12.01%	1.219%
46	18.039	2557	2559	2565	rVB2	70962	101699	5.06%	0.513%
47	18.121	2570	2573	2576	rBV5	22299	35407	1.76%	0.179%
48	18.321	2603	2607	2612	rVB2	66301	98576	4.90%	0.497%
49	18.392	2614	2619	2625	rVV6	81854	139937	6.96%	0.706%
50	18.550	2643	2646	2652	rVB6	36335	67931	3.38%	0.343%
51	18.662	2663	2665	2669	rVB5	29402	24347	1.21%	0.123%
52	18.739	2674	2678	2685	rBV4	80272	182844	9.09%	0.923%
53	19.009	2718	2724	2729	rBV	1086643	1483043	73.73%	7.483%
54	19.127	2742	2744	2748	rVB5	49326	54812	2.73%	0.277%
55	19.344	2776	2781	2783	rBV2	518557	698873	34.75%	3.526%
56	19.374	2783	2786	2794	rVB	935496	1209200	60.12%	6.101%
57	19.450	2797	2799	2803	rVV4	45849	49101	2.44%	0.248%
58	19.586	2818	2822	2826	rVB	271021	337903	16.80%	1.705%
59	19.709	2837	2843	2849	rBV6	85059	232844	11.58%	1.175%
60	19.791	2854	2857	2860	rVB3	87833	105348	5.24%	0.532%
61	20.003	2887	2893	2896	rBV2	251617	387782	19.28%	1.957%
62	20.039	2897	2899	2903	rVB2	161318	173445	8.62%	0.875%
63	20.433	2964	2966	2969	rBV3	91251	96737	4.81%	0.488%
64	20.639	2999	3001	3006	rVB	106339	118887	5.91%	0.600%
65	20.856	3036	3038	3049	rVB5	182299	336993	16.75%	1.700%
66	21.150	3082	3088	3092	rBV2	1159825	2011411	100.00%	10.149%
67	21.186	3092	3094	3099	rVB	472263	569688	28.32%	2.875%
68	22.691	3345	3350	3354	rBV	357260	761774	37.87%	3.844%
69	23.332	3454	3459	3465	rBV	522919	915267	45.50%	4.618%

Sum of corrected areas: 19818587

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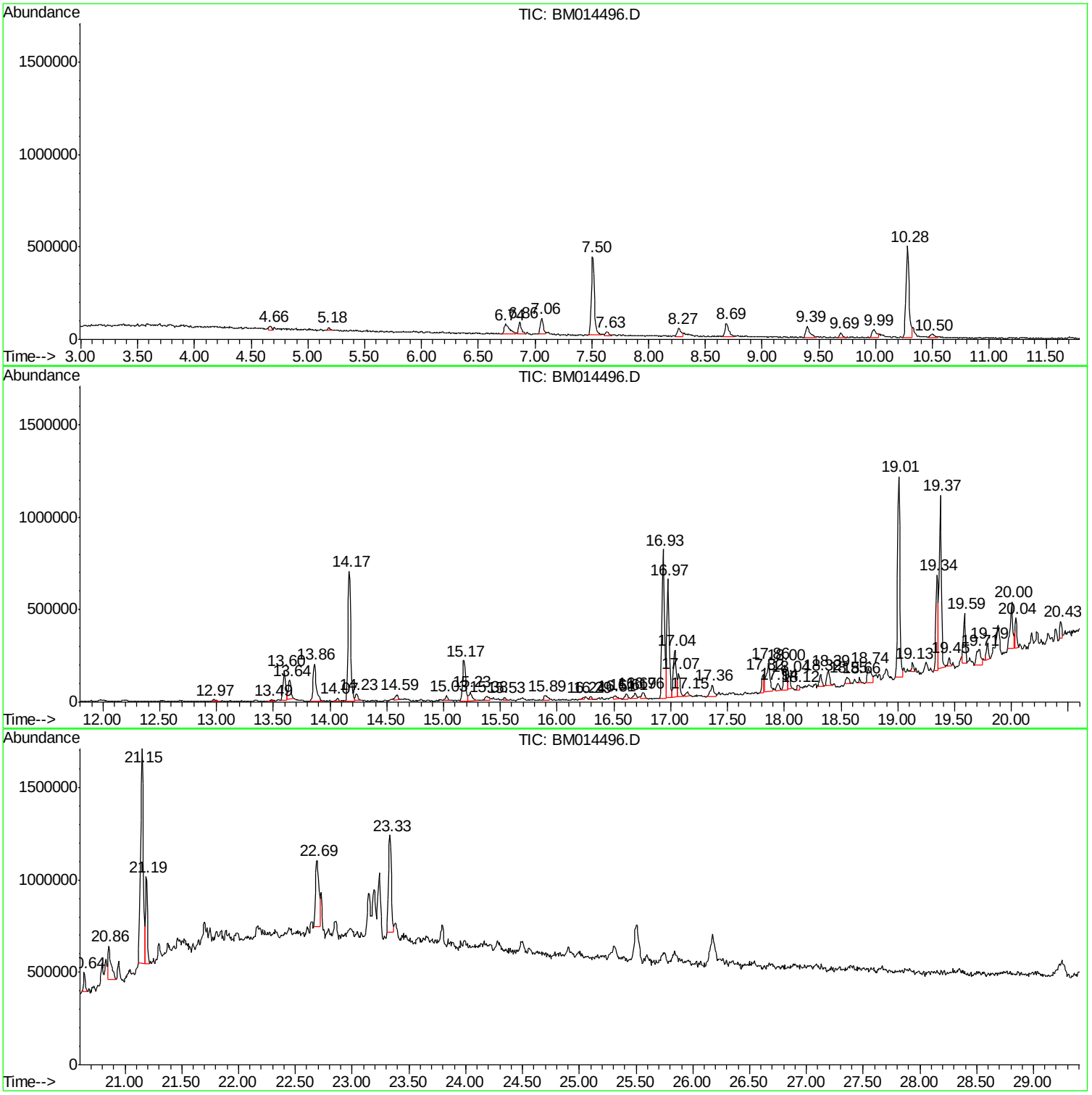
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z1DL

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

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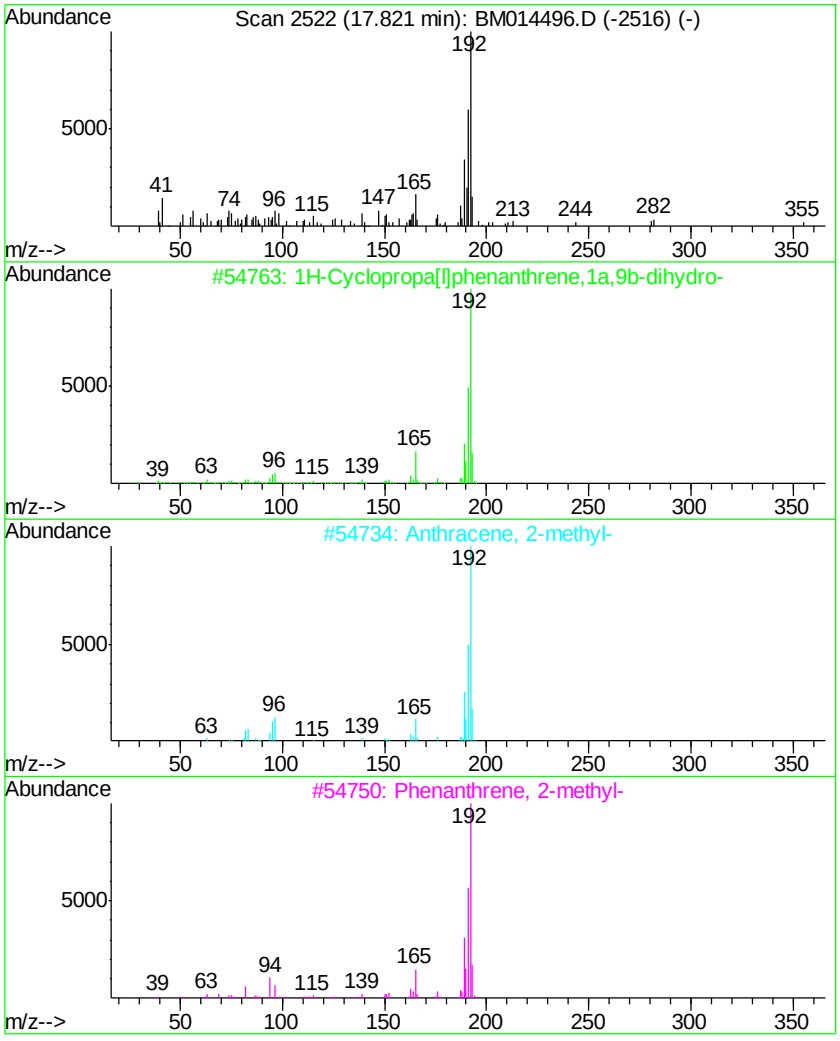
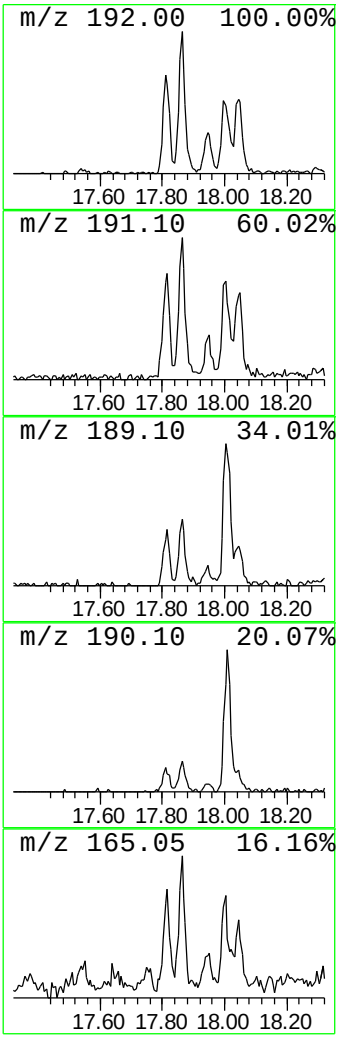
****

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.17 ng/ul	134847	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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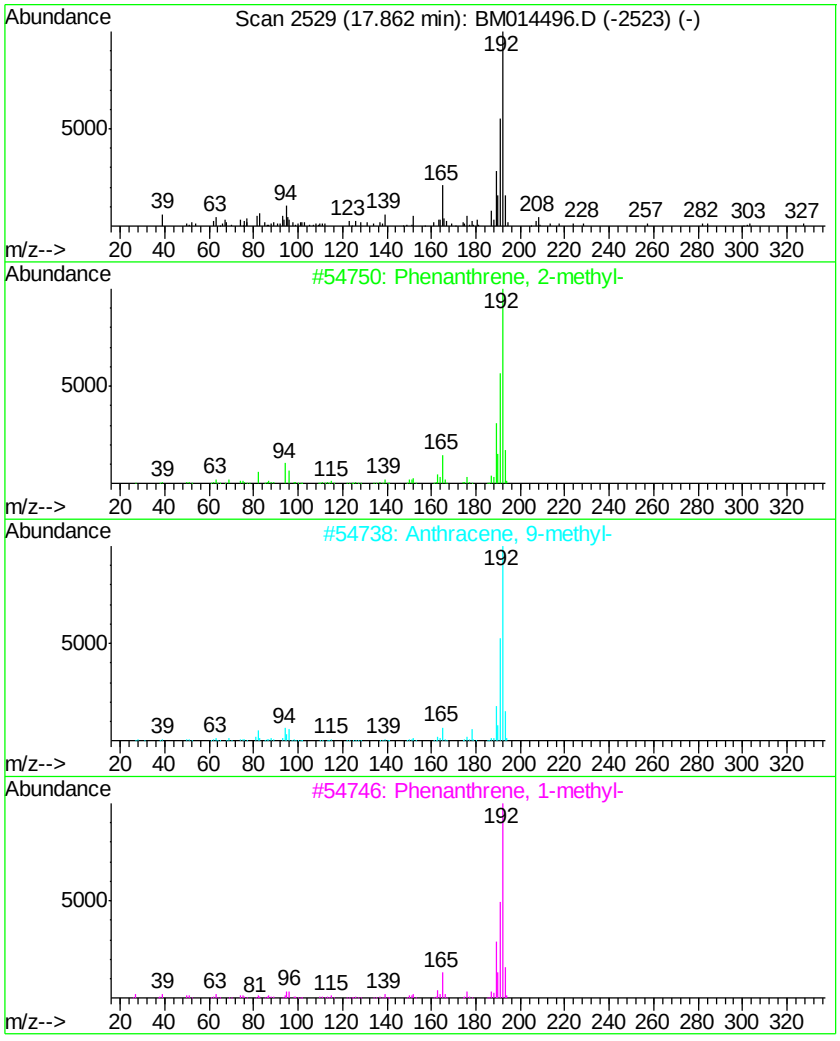
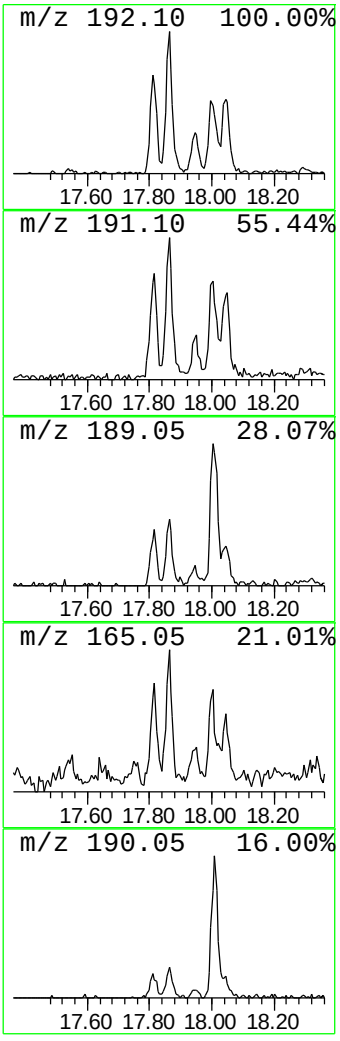
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.55 ng/ul	344684	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	81





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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

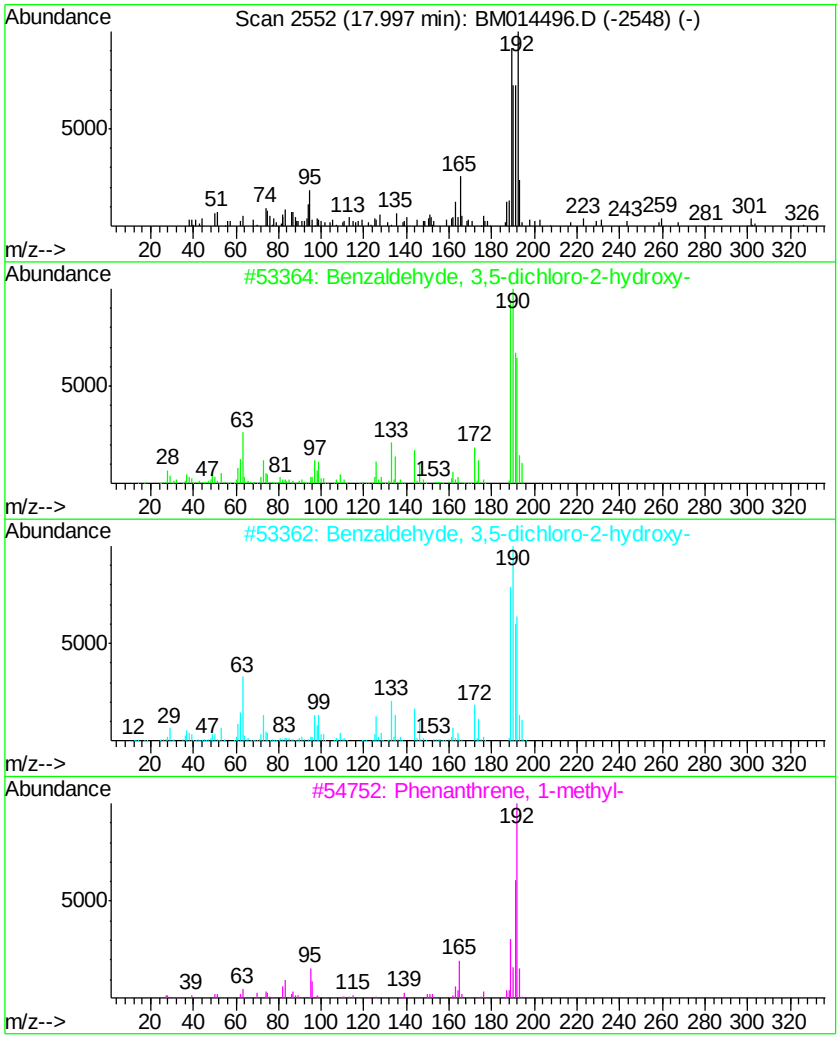
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

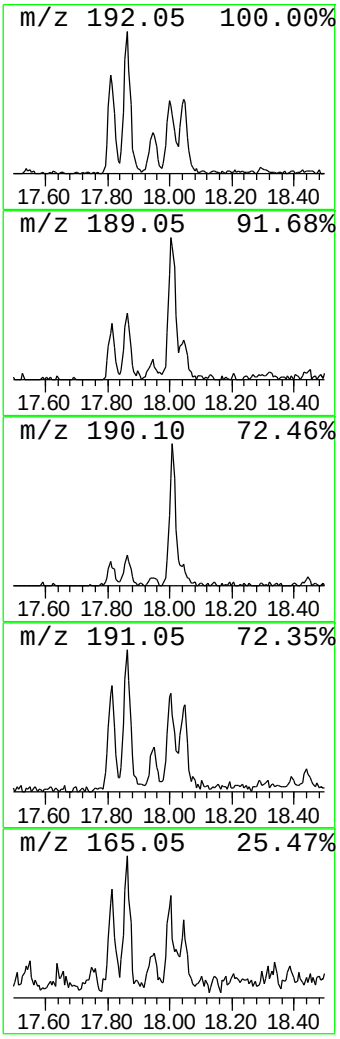
****

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.89 ng/ul	241496	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	52
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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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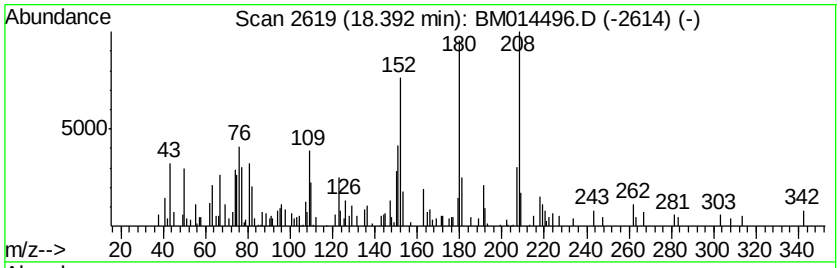
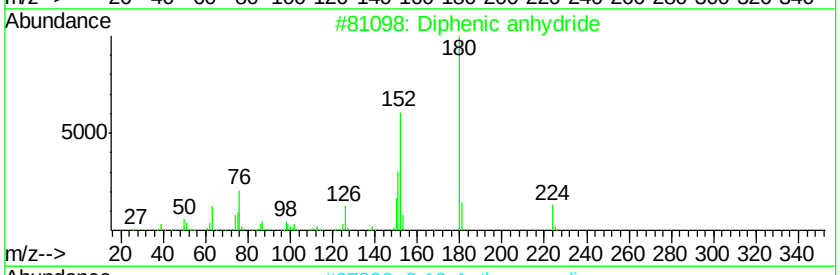
****

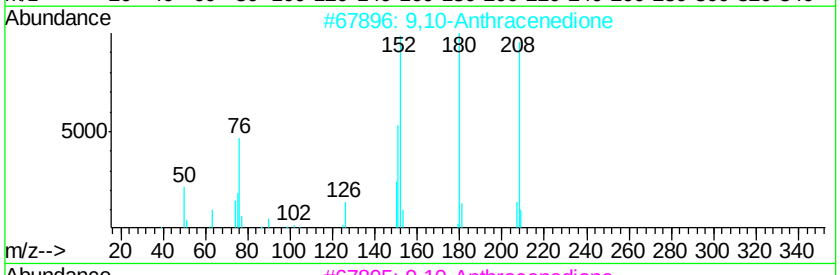
Peak Number 4 Diphenic anhydride Concentration Rank 8

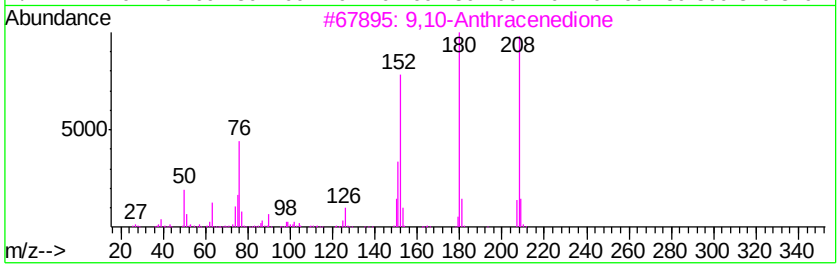
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.26 ng/ul	139937	Phenanthrene-d10	16.93

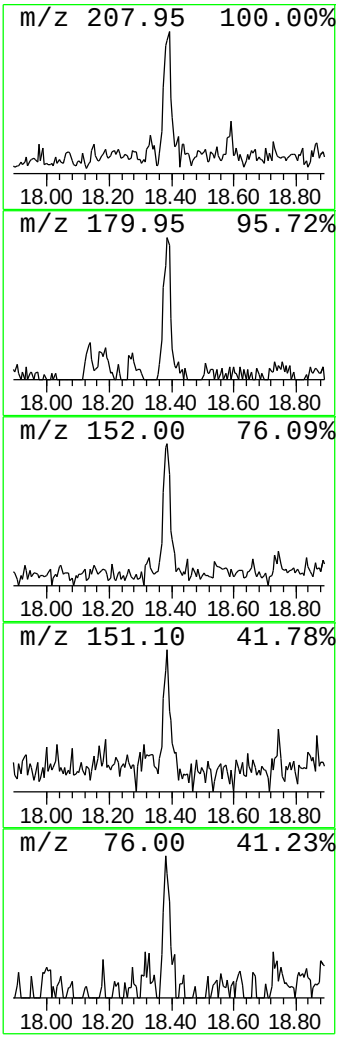
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenic anhydride	224	C14H8O3	006050-13-1	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	68
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60











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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

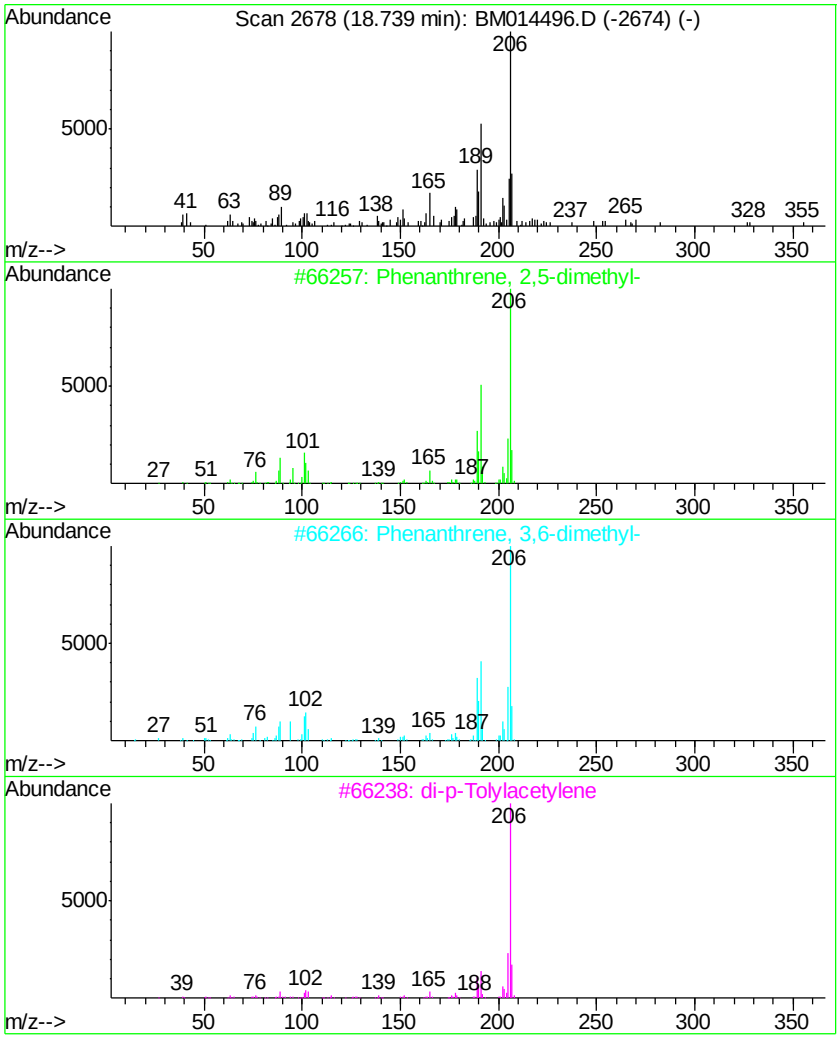
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

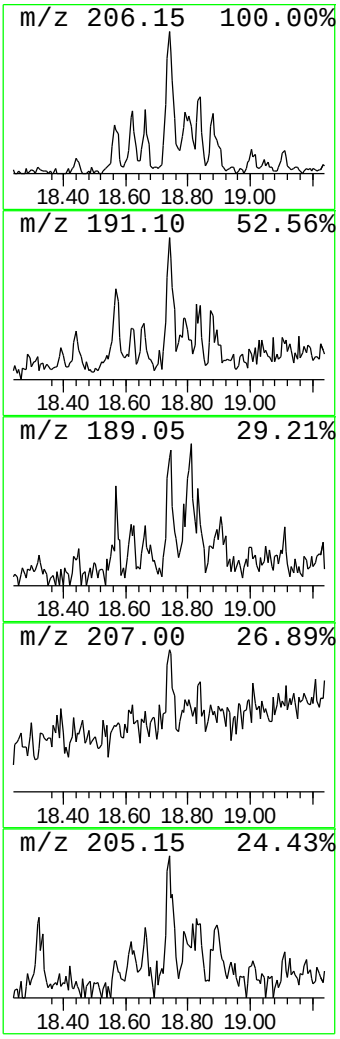
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.95 ng/ul	182844	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	72
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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

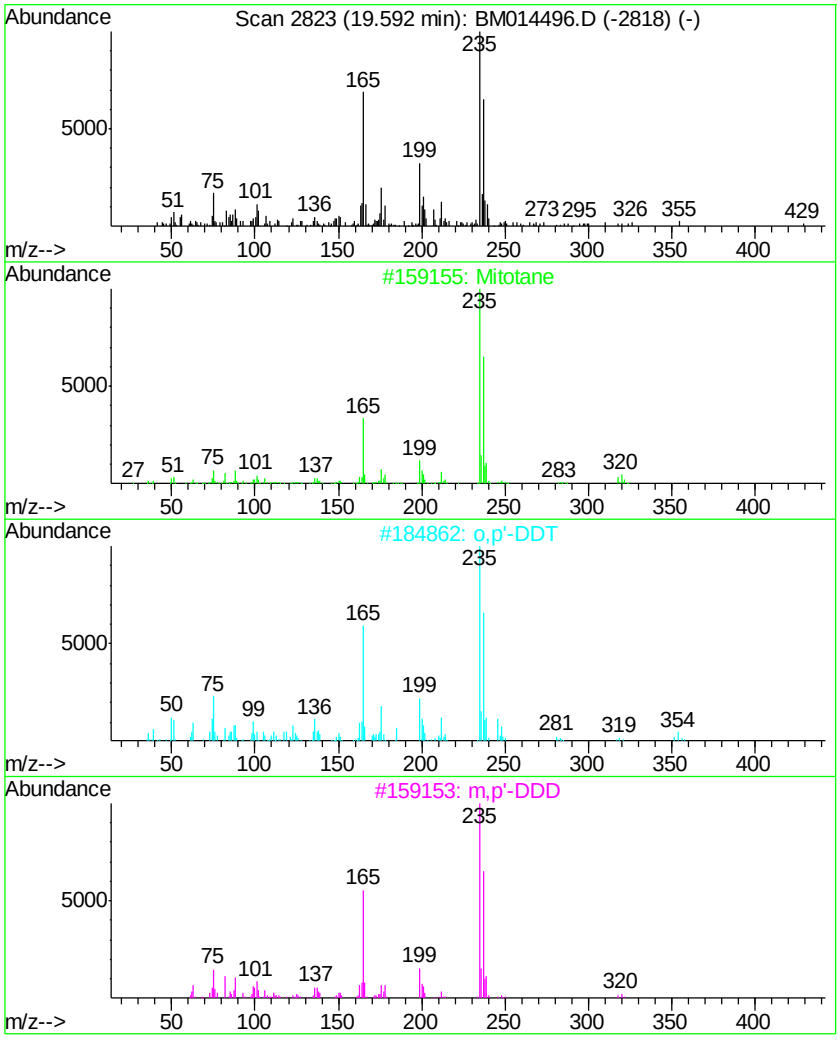
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

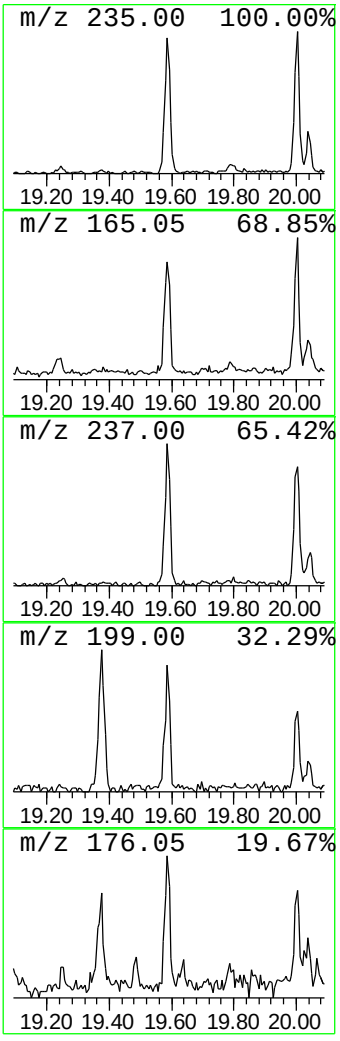
****

Peak Number 6 Mitotane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.36 ng/ul	337903	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	93
2	o,p'-DDT	352	C14H9Cl5	000789-02-6	90
3	m,p'-DDD	318	C14H10Cl4	004329-12-8	87
4	Mitotane	318	C14H10Cl4	000053-19-0	86
5	Mitotane	318	C14H10Cl4	000053-19-0	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
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Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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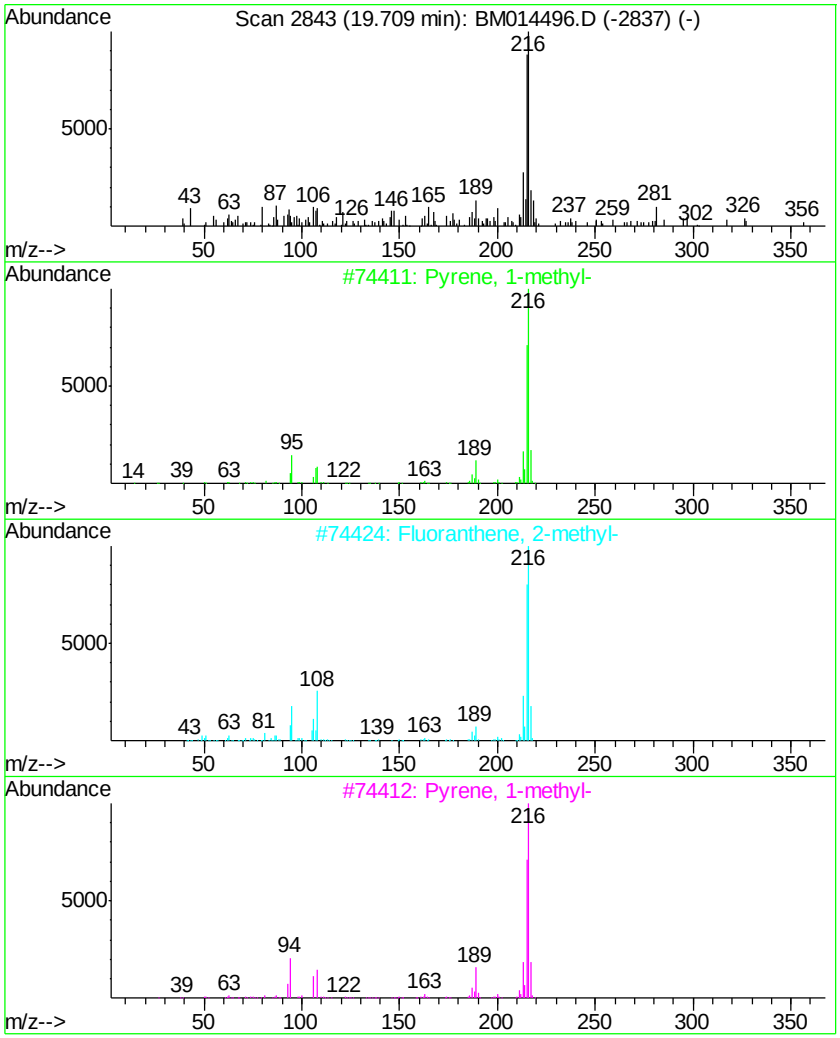
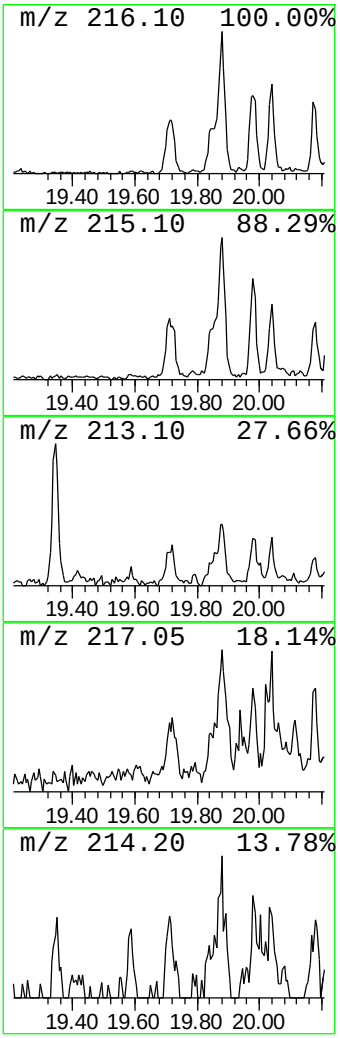
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.32 ng/ul	232844	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	70





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Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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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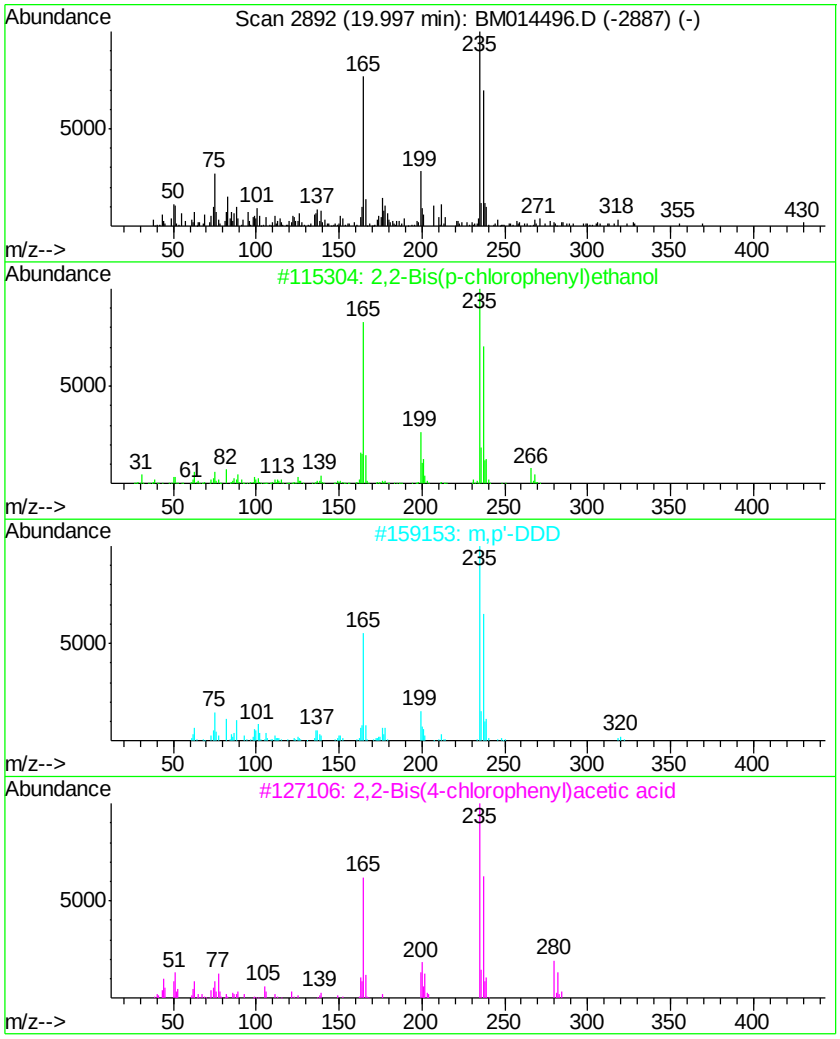
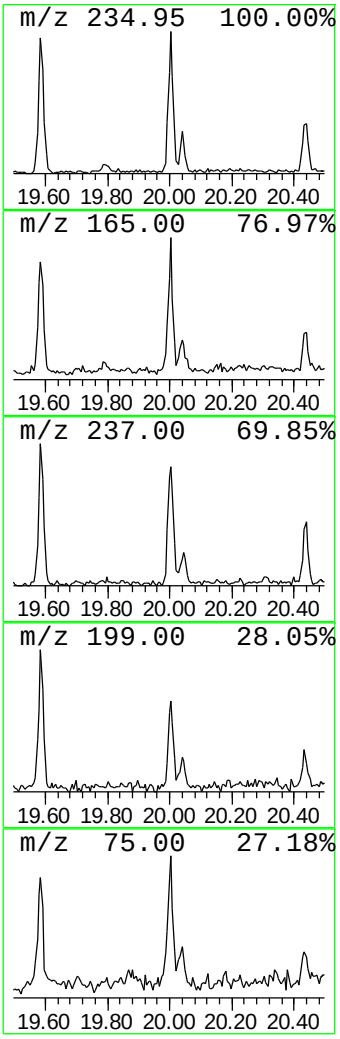
Peak Number 8 2,2-Bis(p-chlorophenyl)ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	3.86 ng/ul	387782	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	64
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	62
3	2,2-Bis(4-chlorophenyl)acetic acid	280	C14H10Cl2O2	000083-05-6	58
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	58
5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	52





Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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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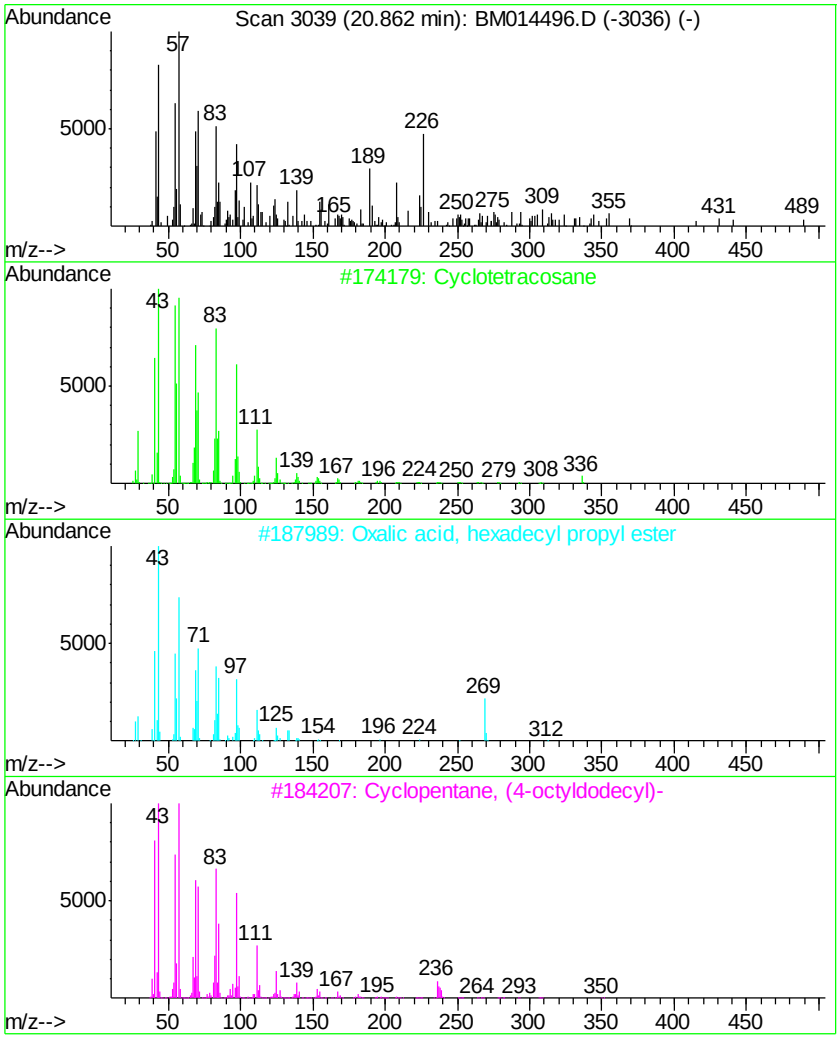
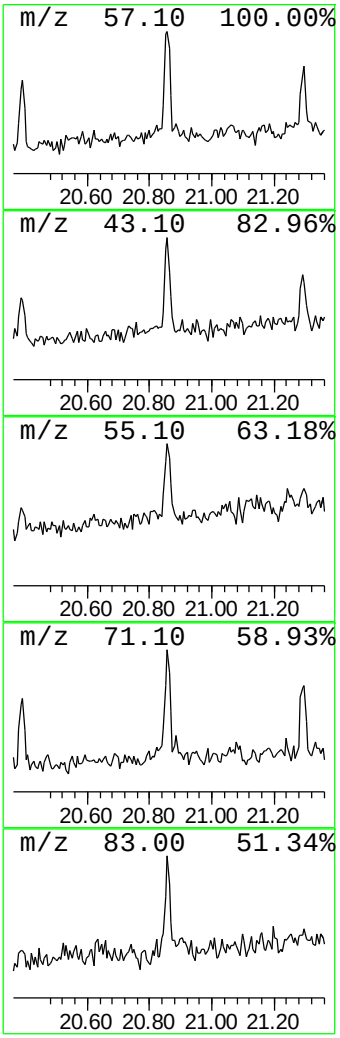
Peak Number 9 (DEL) Alkane: Cyclic20.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.35 ng/ul	336993	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	83
3	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	83
4	Hexadecane, 1-(ethenyloxy)-	268	C18H36O	000822-28-6	83
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030618\
Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

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
1H-Cyclopropa[l]p...	17.82	2.2	ng/ul	134847	4	16.93	1241120	20.0
Phenanthrene, 2-m...	17.86	5.5	ng/ul	344684	4	16.93	1241120	20.0
Benzaldehyde, 3,5...	18.00	3.9	ng/ul	241496	4	16.93	1241120	20.0
Diphenic anhydride	18.39	2.3	ng/ul	139937	4	16.93	1241120	20.0
Phenanthrene, 2,5...	18.74	3.0	ng/ul	182844	4	16.93	1241120	20.0
Mitotane	19.59	3.4	ng/ul	337903	5	21.15	2011410	20.0
Pyrene, 1-methyl-	19.71	2.3	ng/ul	232844	5	21.15	2011410	20.0
2,2-Bis(p-chlorop...	20.00	3.9	ng/ul	387782	5	21.15	2011410	20.0
(DEL) Alkane: Cyc...	20.86	3.4	ng/ul	336993	5	21.15	2011410	20.0