LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z2RE

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	3.087	14	17	23	rBV7	19960	36976	1.23%	0.085%
2	3.587	99	102	107	rVB4	35655	53288	1.78%	0.123%
3	4.669	282	286	294	rVB2	37685	79172	2.64%	0.183%
4	6.734	630	637	651	rBV	497334	936004	31.21%	2.162%
5	6.869	651	660	670	rBV	392863	631039	21.04%	1.457%
6	7.057	686	692	701	rBV	576206	982370	32.75%	2.269%
7	7.516	764	770	778	rVB	548695	879979	29.34%	2.032%
8	8.257	889	896	909	rBV	624260	1167611	38.93%	2.696%
9	8.681	959	968	978	rBV	598125	1056908	35.24%	2.441%
10	9.039	1026	1029	1033	rVB4	23514	32707	1.09%	0.076%
11	9.392	1083	1089	1102	rBV	478698	887783	29.60%	2.050%
12	9.945	1175	1183	1197	rBV	603487	1285194	42.85%	2.968%
13	10.286	1234	1241	1247	rBV	743048	1274185	42.48%	2.943%
14	10.339	1247	1250	1258	rVB2	49970	81474	2.72%	0.188%
15	10.457	1262	1270	1282	rBV	362066	790704	26.36%	1.826%
16	11.975	1522	1528	1533	rBV5	24969	41322	1.38%	0.095%
17	12.192	1558	1565	1570	rBV5	22102	36549	1.22%	0.084%
18	12.892	1680	1684	1694	rBV7	27565	54417	1.81%	0.126%
19	12.980	1694	1699	1706	rBV6	34588	71067	2.37%	0.164%
20	13.498	1780	1787	1793	rBV6	30370	64626	2.15%	0.149%
21	13.604	1799	1805	1809	rBV	1322844	1847024	61.58%	4.265%
22	13.651	1809	1813	1818	rVB	232113	338385	11.28%	0.781%
23	13.869	1844	1850	1867	rBV	1421250	2388216	79.62%	5.515%
24	14.074	1878	1885	1893	rBV3	90310	146681	4.89%	0.339%
25	14.180	1893	1903	1910	rVV2	1087267	1692614	56.43%	3.909%
26	14.245	1910	1914	1924	rVB	84584	145905	4.86%	0.337%
27	14.492	1948	1956	1969	rBV2	255592	771616	25.72%	1.782%
28	14.586	1969	1972	1976	rVV5	32047	50164	1.67%	0.116%
29	14.810	2006	2010	2014	rVB7	20026	34212	1.14%	0.079%
30	14.974	2028	2038	2044	rBV9	41679	94797	3.16%	0.219%
31	15.033	2044	2048	2053	rVV4	84395	111400	3.71%	0.257%
32	15.186	2068	2074	2080	rBV	1806715	2566625	85.57%	5.927%
33	15.239	2080	2083	2094	rVB	85165	147741	4.93%	0.341%
34	15.368	2100	2105	2110	rBV7	59156	93620	3.12%	0.216%

LSC Area Percent Report

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Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z2RE

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	15.692	2157	2160	2166	rVB8	28734	44484	1.48%	0.103%
36	15.904	2190	2196	2205	rBV3	87366	174268	5.81%	0.402%
37	16.298	2261	2263	2268	rVB6	25567	36826	1.23%	0.085%
38	16.521	2297	2301	2304	rVB6	29731	38543	1.28%	0.089%
39	16.610	2312	2316	2323	rBV	56806	94630	3.15%	0.219%
40	16.698	2325	2331	2338	rVV	60081	133261	4.44%	0.308%
41	16.762	2338	2342	2349	rVB	73753	123832	4.13%	0.286%
42	16.945	2367	2373	2377	rBV2	1334571	1911574	63.73%	4.414%
43	16.986	2377	2380	2385	rVV	1110727	1500216	50.02%	3.464%
44	17.045	2385	2390	2395	rVV2	1887832	2789211	92.99%	6.441%
45	17.080	2395	2396	2402	rVB	236051	209043	6.97%	0.483%
46	17.339	2436	2440	2441	rVV4	43077	58682	1.96%	0.136%
47	17.368	2442	2445	2452	rVB	83153	135005	4.50%	0.312%
48	17.533	2469	2473	2475	rBV5	26854	44608	1.49%	0.103%
49	17.615	2483	2487	2489	rBV5	24626	36459	1.22%	0.084%
50	17.821	2518	2522	2525	rBV	182326	279654	9.32%	0.646%
51	17.857	2525	2528	2529	rBV2	176610	197607	6.59%	0.456%
52	17.951	2542	2544	2550	rVB	77569	103093	3.44%	0.238%
53	18.015	2550	2555	2560	rVV2	254112	482906	16.10%	1.115%
54	18.057	2560	2562	2568	rVB	143072	172107	5.74%	0.397%
55	18.327	2605	2608	2614	rBV	110160	164119	5.47%	0.379%
56	18.392	2615	2619	2626	rVB3	141504	222006	7.40%	0.513%
57	18.633	2657	2660	2663	rBV2	58616	61765	2.06%	0.143%
58	18.751	2676	2680	2685	rBV3	132971	244336	8.15%	0.564%
59	19.021	2721	2726	2732	rVB	1742457	2198299	73.29%	5.077%
60	19.362	2778	2784	2786	rBV	2066408	2999491	100.00%	6.927%
61	19.386	2786	2788	2797	rVB	1466626	1898712	63.30%	4.385%
62	20.868	3037	3040	3044	rVB2	627940	637258	21.25%	1.472%
63	21.162	3084	3090	3094	rBV2	1396186	2643335	88.13%	6.104%
64	21.203	3094	3097	3100	rVB	653264	791045	26.37%	1.827%
65	22.662	3342	3345	3349	rBV	722232	853257	28.45%	1.970%
66	23.215	3436	3439	3444	rVB2	763815	1150680	38.36%	2.657%

Sum of corrected areas: 43302687

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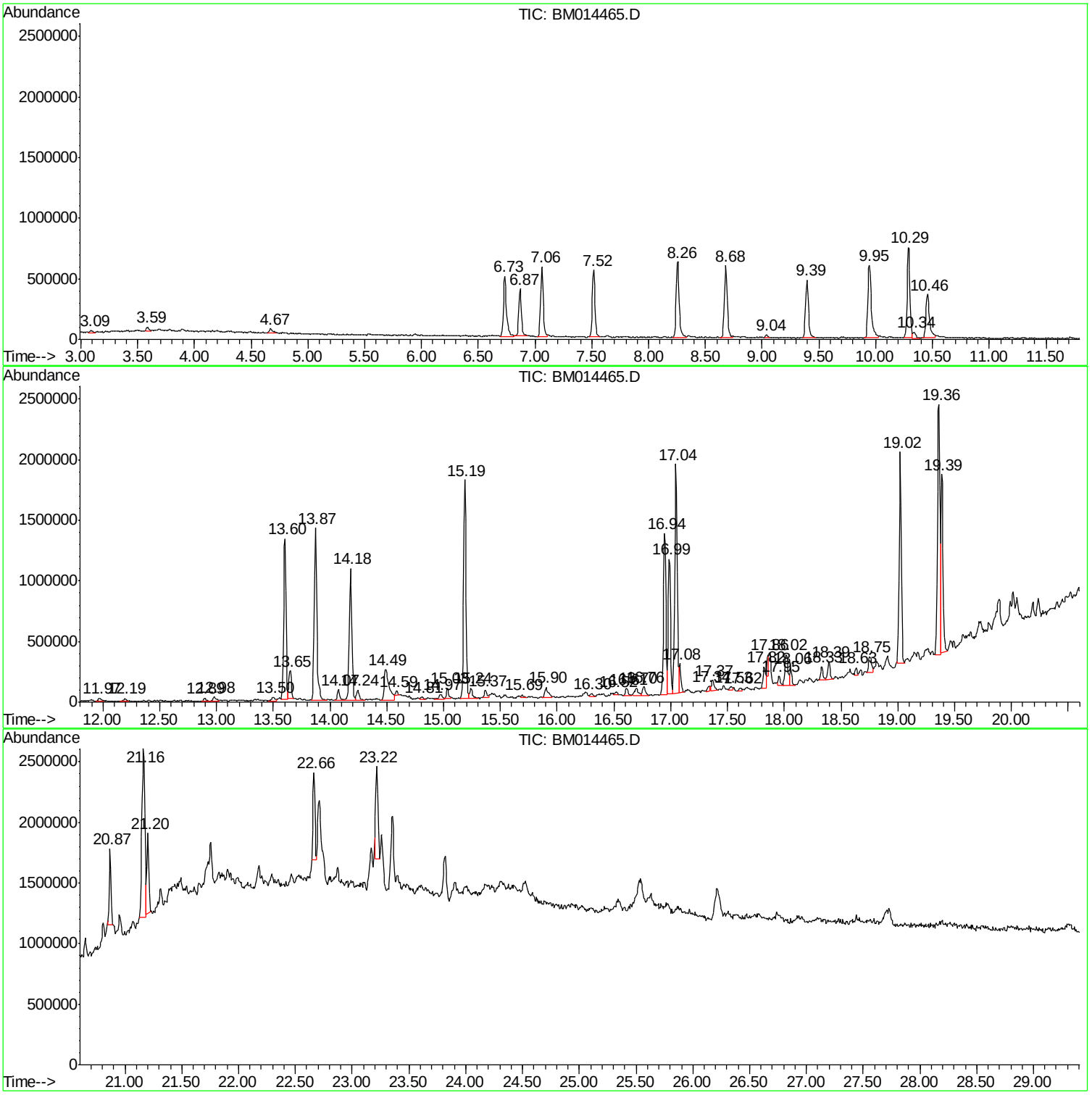
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z2RE

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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Quant Title : SVOA CALIBRATION

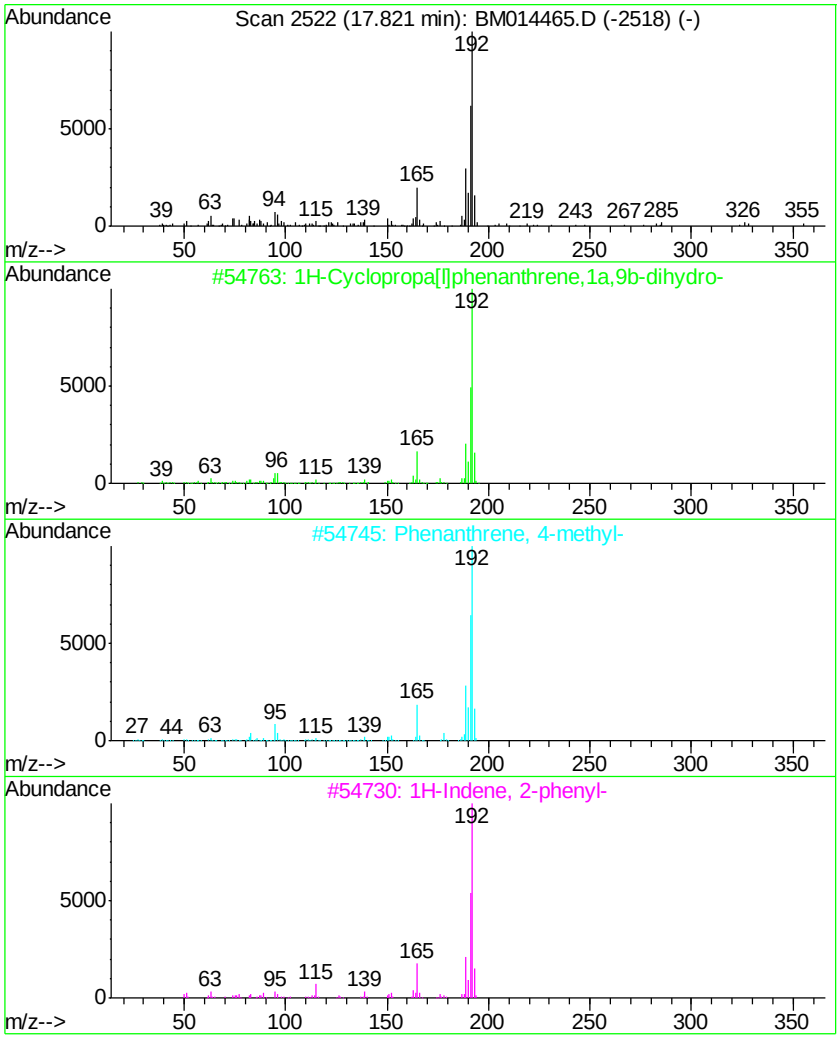
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

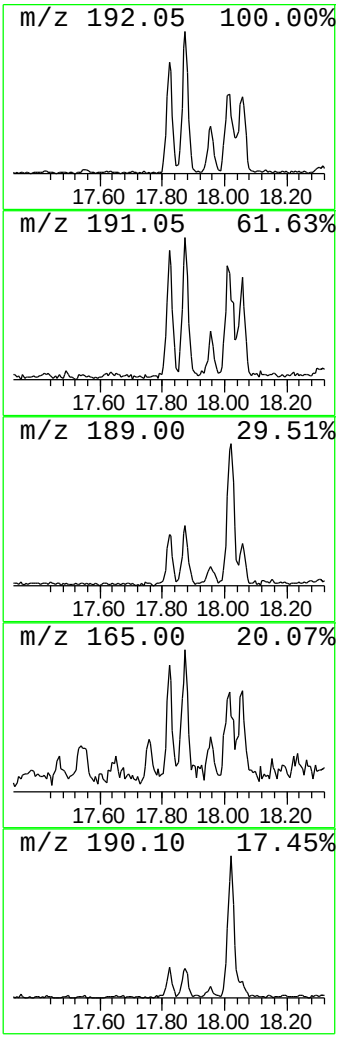
****

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.93 ng/ul	279654	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z2RE

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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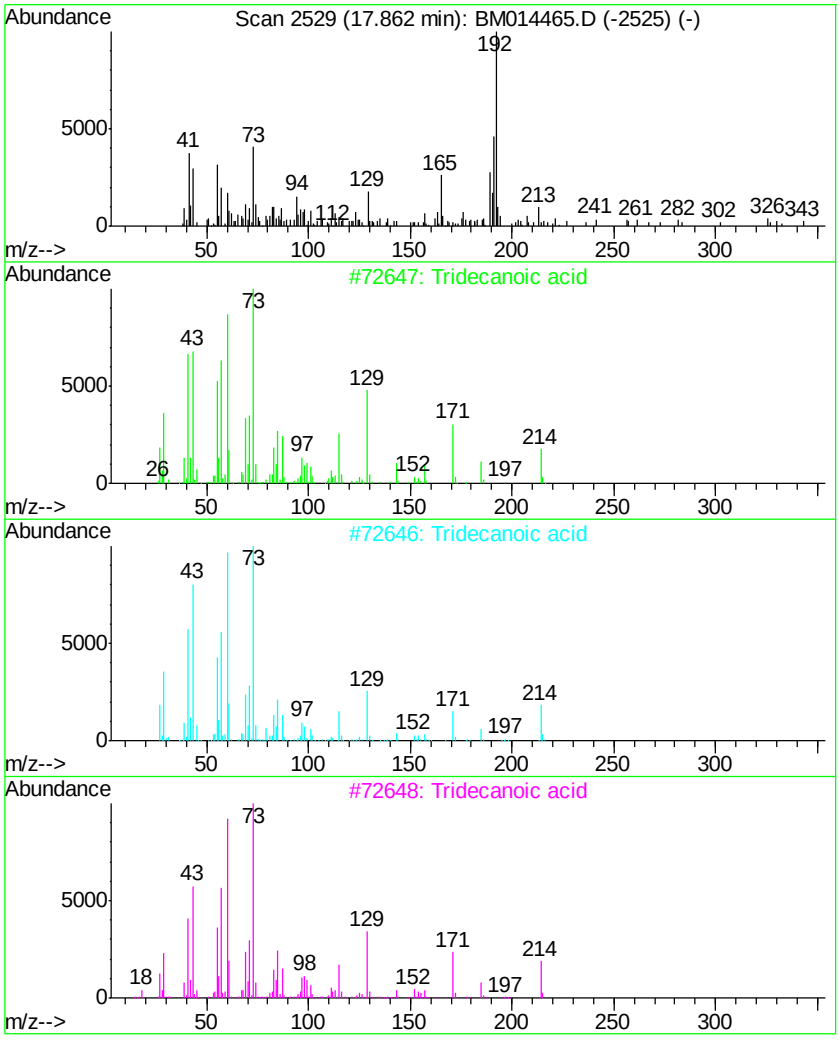
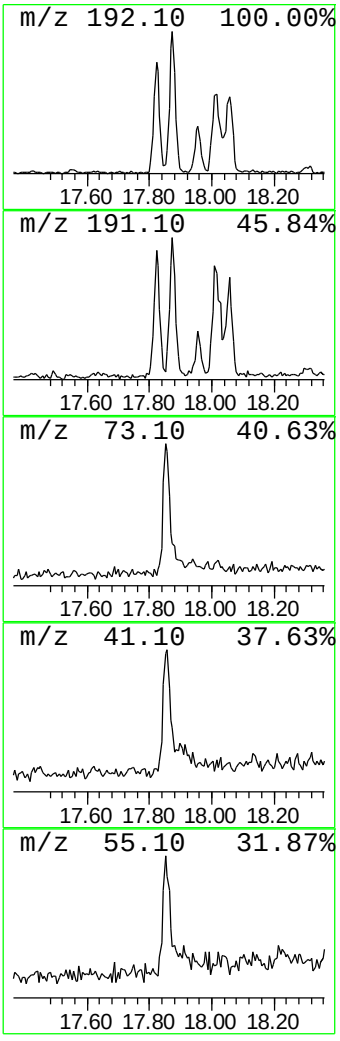
Peak Number 2 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.07 ng/ul	197607	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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Acq On : 02 Mar 2018 17:07
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Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z2RE

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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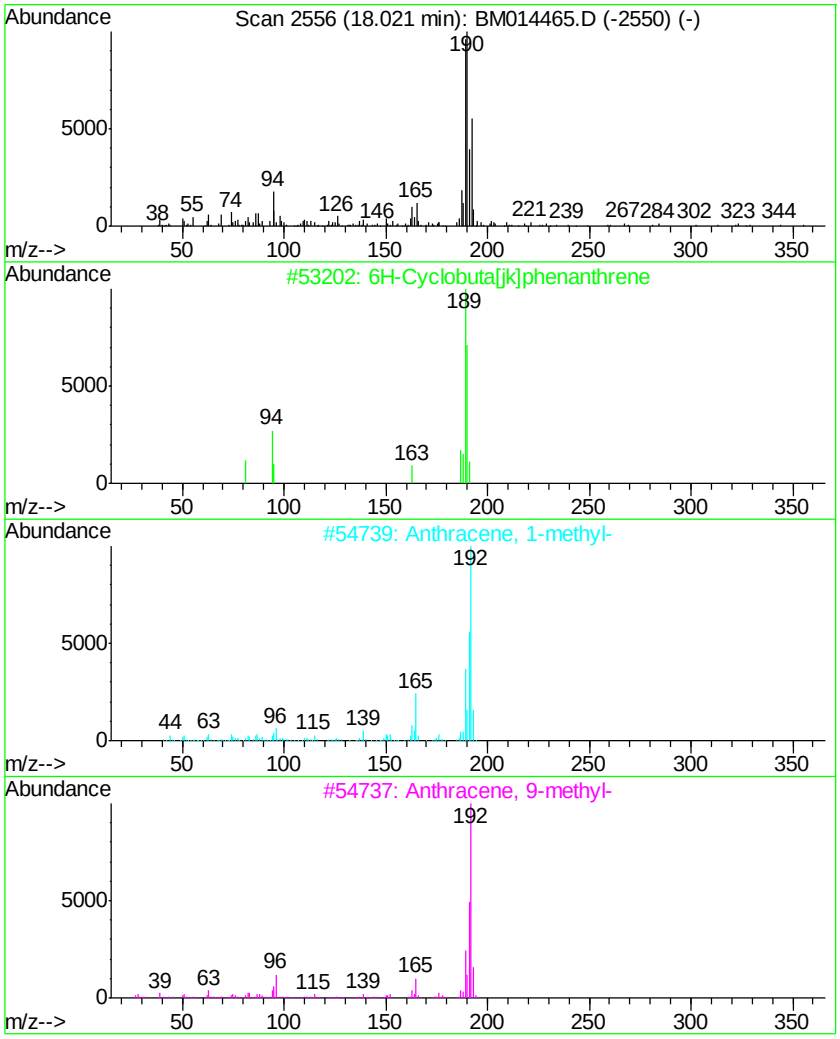
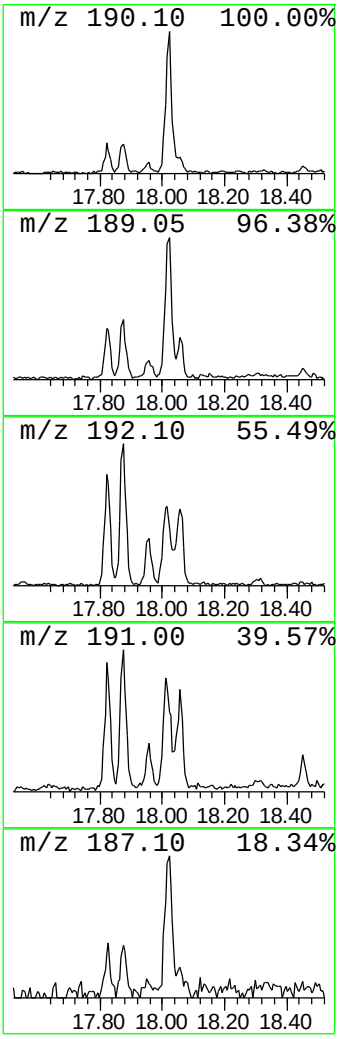
Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.05 ng/ul	482906	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42





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Instrument : BNA_M
ClientSampleId : BE5Z2RE

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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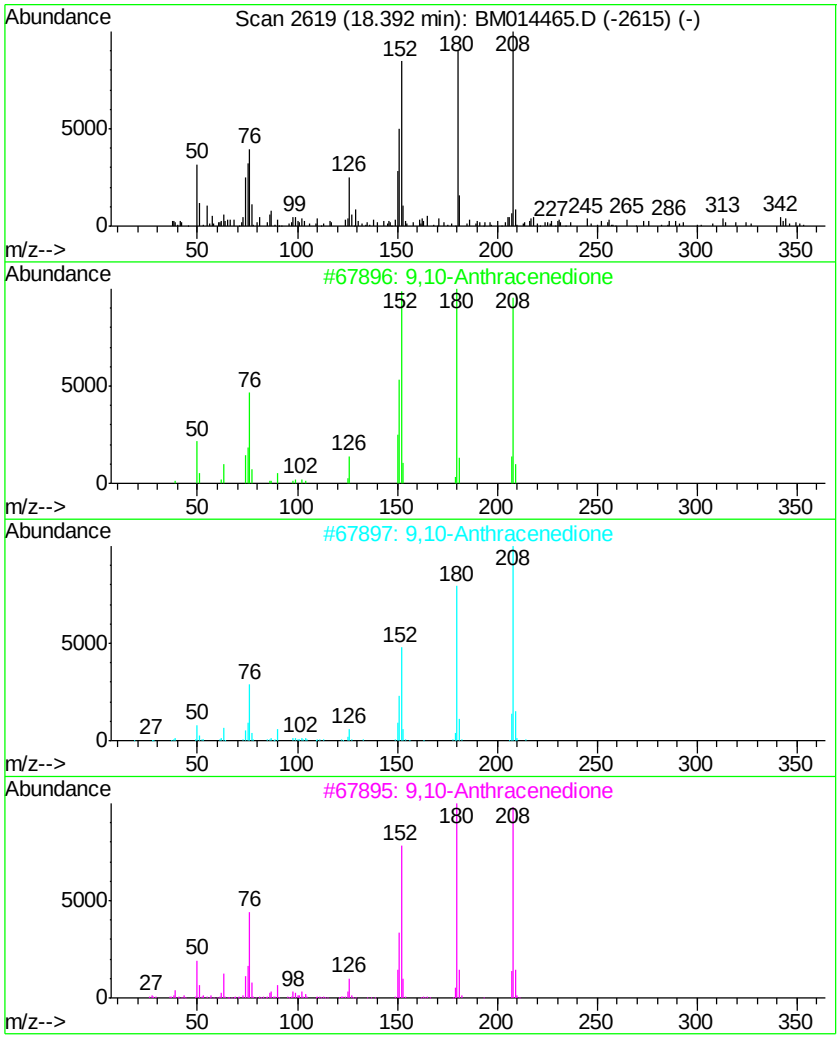
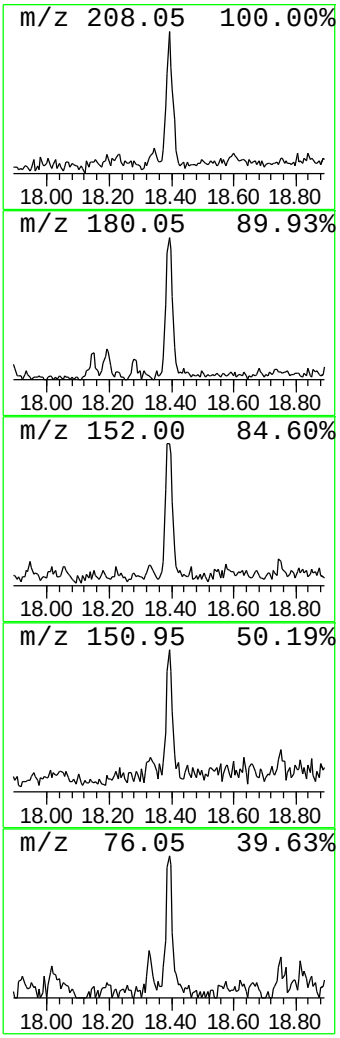
Peak Number 4 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.32 ng/ul	222006	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	83
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	80
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z2RE

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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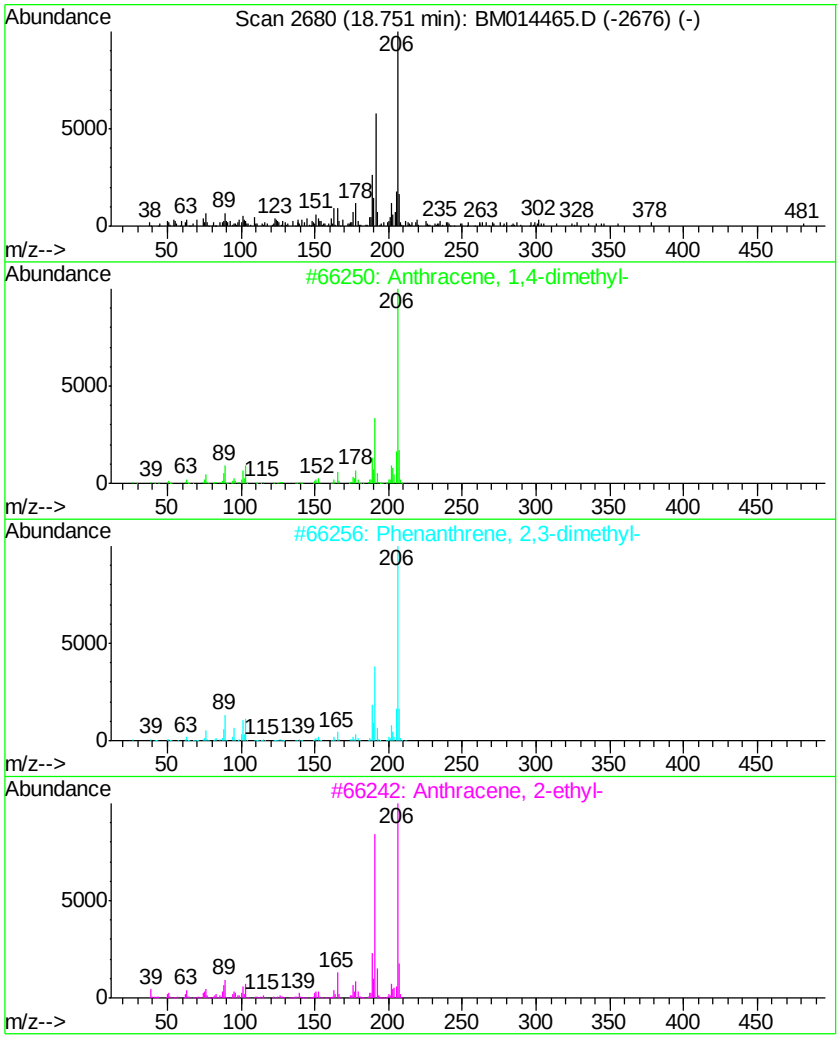
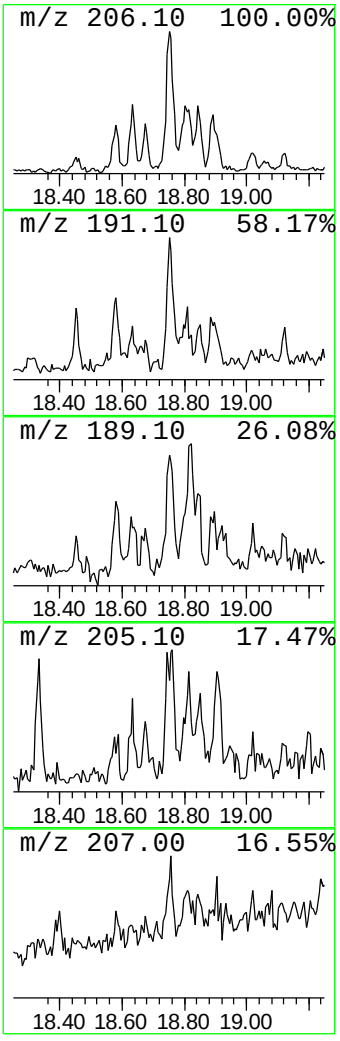
Peak Number 5 Anthracene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.56 ng/ul	244336	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	86





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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Z2RE

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

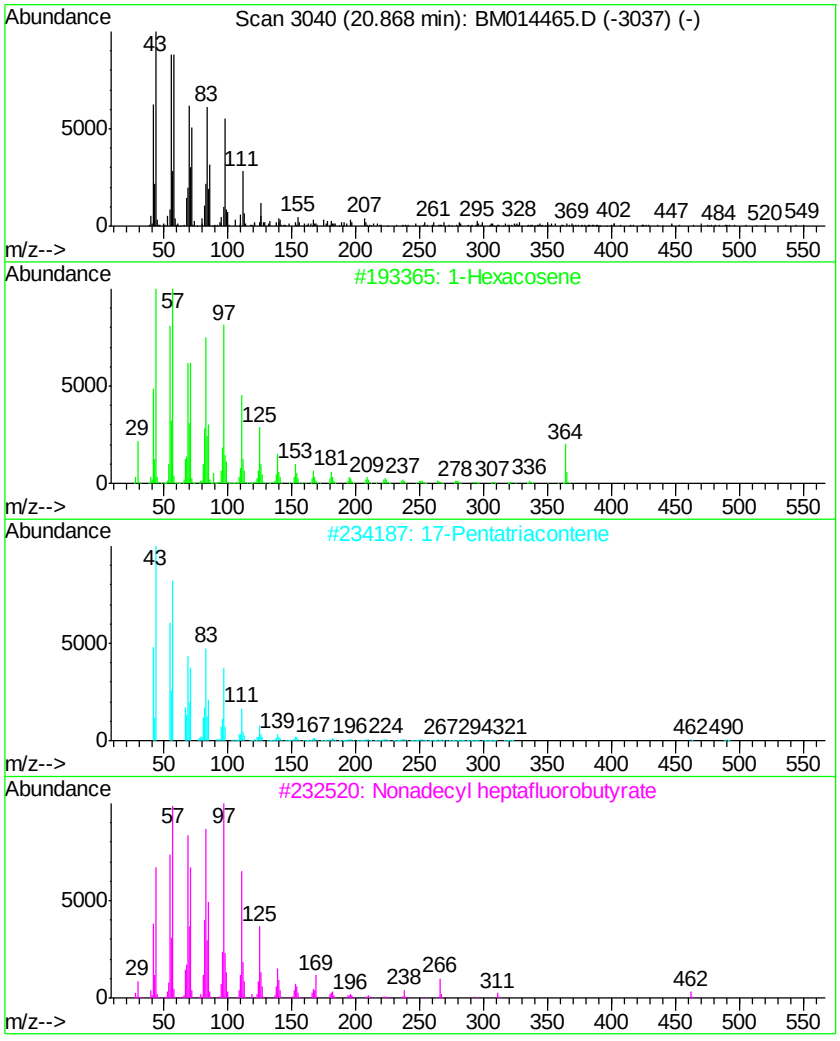
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

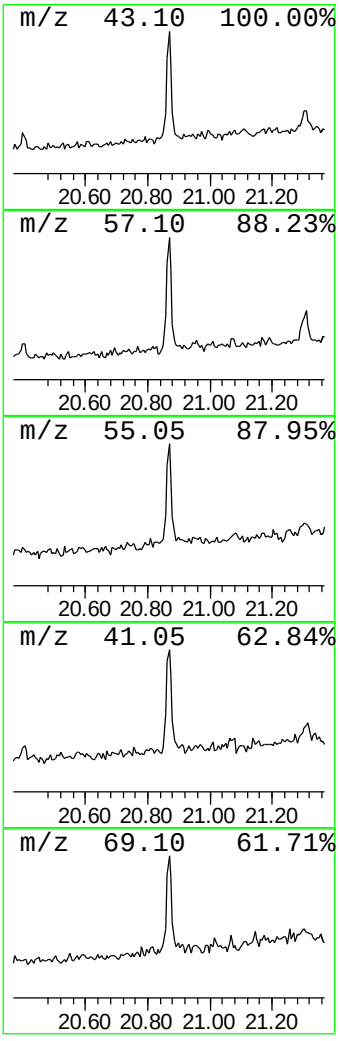
****

Peak Number 6 (DEL) Alkane: Cyclic20.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.82 ng/ul	637258	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
4	9-Hexacosene	364	C26H52	071502-22-2	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM030218\
Data File : BM014465.D
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Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z2RE

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	2.9	ng/ul	279654	4	16.94	1911570	20.0
Tridecanoic acid	17.86	2.1	ng/ul	197607	4	16.94	1911570	20.0
unknown-01	18.02	5.0	ng/ul	482906	4	16.94	1911570	20.0
9,10-Anthracenedione	18.39	2.3	ng/ul	222006	4	16.94	1911570	20.0
Anthracene, 1,4-d...	18.75	2.6	ng/ul	244336	4	16.94	1911570	20.0
(DEL) Alkane: Cyc...	20.87	4.8	ng/ul	637258	5	21.16	2643340	20.0