LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030493.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.775	114	117	124	rBV	41170	104699	1.32%	0.129%
2	3.840	124	128	136	rVB3	41631	93052	1.18%	0.115%
3	4.604	253	258	264	rVB	32153	60906	0.77%	0.075%
4	4.963	314	319	327	rVB	27508	52287	0.66%	0.064%
5	5.493	403	409	420	rVB	58160	143493	1.81%	0.177%
6	5.851	464	470	477	rBV2	30609	57454	0.73%	0.071%
7	6.998	655	665	680	rVB	265772	546188	6.91%	0.672%
8	7.157	685	692	702	rBV	208052	363093	4.59%	0.447%
9	7.363	720	727	738	rBV	285157	496455	6.28%	0.611%
10	7.828	797	806	814	rBV	787106	1306638	16.52%	1.608%
11	8.528	915	925	934	rBV	325969	560432	7.09%	0.690%
12	8.645	940	945	953	rVB	74932	119182	1.51%	0.147%
13	8.981	996	1002	1009	rVB	241286	423358	5.35%	0.521%
14	9.698	1117	1124	1131	rBV	204844	355218	4.49%	0.437%
15	10.234	1207	1215	1232	rVB	313322	569769	7.20%	0.701%
16	10.392	1236	1242	1260	rBV	236085	501871	6.35%	0.618%
17	10.610	1271	1279	1285	rBV	992328	1696036	21.44%	2.088%
18	10.657	1285	1287	1295	rVB	40577	61260	0.77%	0.075%
19	10.751	1295	1303	1314	rBV	206349	408445	5.16%	0.503%
20	13.857	1821	1831	1837	rVV	512648	763462	9.65%	0.940%
21	14.139	1872	1879	1895	rVB	633705	973546	12.31%	1.198%
22	14.445	1922	1931	1938	rVV	1368614	2113779	26.73%	2.602%
23	14.510	1938	1942	1950	rVV	130978	201849	2.55%	0.248%
24	14.657	1961	1967	1978	rBV	97768	208189	2.63%	0.256%
25	14.845	1994	1999	2008	rVV	87638	175078	2.21%	0.216%
26	15.439	2091	2100	2105	rBV	804390	1168569	14.78%	1.439%
27	15.492	2105	2109	2115	rVV2	192625	284442	3.60%	0.350%
28	15.557	2115	2120	2124	rVV	109358	178490	2.26%	0.220%
29	15.616	2128	2130	2133	rVV	43727	56774	0.72%	0.070%
30	15.657	2133	2137	2142	rVV3	47728	85074	1.08%	0.105%
31	15.786	2155	2159	2166	rVV	79860	122807	1.55%	0.151%
32	15.857	2166	2171	2175	rVV	98292	127662	1.61%	0.157%
33	15.933	2179	2184	2192	rVV	82228	178652	2.26%	0.220%
34	16.021	2192	2199	2206	rVB2	23600	52227	0.66%	0.064%
35	16.163	2214	2223	2229	rVB8	45267	93258	1.18%	0.115%
36	16.492	2270	2279	2284	rBV3	81233	191254	2.42%	0.235%

LSC Area Percent Report

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Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Title : SVOA CALIBRATION

37	16.539	2284	2287	2293	rVV3	38250	69215	0.88%	0.085%
38	16.721	2310	2318	2321	rBV3	59994	116702	1.48%	0.144%
39	16.762	2321	2325	2328	rVV3	64648	103310	1.31%	0.127%
40	16.839	2334	2338	2346	rVB2	72687	121722	1.54%	0.150%
41	16.915	2346	2351	2353	rBV2	73090	105256	1.33%	0.130%
42	16.945	2353	2356	2362	rVV5	91861	178824	2.26%	0.220%
43	17.004	2362	2366	2375	rVB	145977	239049	3.02%	0.294%
44	17.186	2391	2397	2400	rVV	1552921	2312789	29.24%	2.847%
45	17.227	2400	2404	2409	rVV	3025504	4112977	52.00%	5.063%
46	17.286	2409	2414	2416	rVV	857402	1245635	15.75%	1.533%
47	17.315	2416	2419	2425	rVV	960572	1343606	16.99%	1.654%
48	17.374	2425	2429	2435	rVB3	75874	123335	1.56%	0.152%
49	17.586	2455	2465	2468	rBV2	76848	183540	2.32%	0.226%
50	17.704	2482	2485	2491	rVB2	67381	94279	1.19%	0.116%
51	17.762	2491	2495	2498	rBV2	43325	65134	0.82%	0.080%
52	17.851	2506	2510	2516	rVB5	54982	77976	0.99%	0.096%
53	18.062	2540	2546	2550	rVV	416129	764490	9.67%	0.941%
54	18.104	2550	2553	2560	rVB	618044	875414	11.07%	1.078%
55	18.186	2562	2567	2572	rVV	332974	465840	5.89%	0.573%
56	18.257	2572	2579	2583	rVV3	700360	1303161	16.48%	1.604%
57	18.292	2583	2585	2592	rVB	299200	343760	4.35%	0.423%
58	18.368	2595	2598	2601	rVV3	48329	60894	0.77%	0.075%
59	18.557	2625	2630	2634	rBV	363980	494709	6.26%	0.609%
60	18.598	2634	2637	2643	rVB2	116481	155613	1.97%	0.192%
61	18.680	2649	2651	2658	rVB	47013	61163	0.77%	0.075%
62	18.804	2668	2672	2676	rBV	125495	145910	1.84%	0.180%
63	18.856	2677	2681	2684	rVV	91655	115124	1.46%	0.142%
64	18.892	2684	2687	2691	rVB2	112519	131645	1.66%	0.162%
65	18.974	2696	2701	2707	rBV	230171	486404	6.15%	0.599%
66	19.115	2720	2725	2734	rVB2	246710	464519	5.87%	0.572%
67	19.239	2740	2746	2753	rBV	5878843	7908853	100.00%	9.736%
68	19.298	2753	2756	2759	rVV	82419	94933	1.20%	0.117%
69	19.339	2759	2763	2767	rBV2	128773	187427	2.37%	0.231%
70	19.433	2774	2779	2781	rBV4	74554	132161	1.67%	0.163%
71	19.574	2797	2803	2805	rBV3	2047033	3277526	41.44%	4.035%
72	19.603	2805	2808	2816	rVV	3468975	4835362	61.14%	5.952%
73	19.668	2816	2819	2826	rVB2	293596	469034	5.93%	0.577%
74	19.780	2833	2838	2844	rVB	386488	527896	6.67%	0.650%
75	19.839	2844	2848	2853	rVB	218463	326480	4.13%	0.402%
76	19.921	2857	2862	2870	rBV4	368393	927694	11.73%	1.142%

LSC Area Percent Report

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Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Title : SVOA CALIBRATION

77	20.062	2881	2886	2887	rBV2	225477	364826	4.61%	0.449%
78	20.092	2887	2891	2897	rVB	993443	1459836	18.46%	1.797%
79	20.192	2904	2908	2912	rBV	781196	1007346	12.74%	1.240%
80	20.251	2912	2918	2922	rVV2	538659	961532	12.16%	1.184%
81	20.292	2922	2925	2928	rVB	202663	235658	2.98%	0.290%
82	20.333	2929	2932	2936	rVB	140320	174999	2.21%	0.215%
83	20.392	2938	2942	2945	rBV	197074	263318	3.33%	0.324%
84	20.439	2946	2950	2953	rVV3	231990	302220	3.82%	0.372%
85	20.709	2994	2996	3001	rVB2	122754	159005	2.01%	0.196%
86	20.798	3008	3011	3014	rBV3	137292	207062	2.62%	0.255%
87	20.839	3014	3018	3025	rVB	321724	524769	6.64%	0.646%
88	21.003	3043	3046	3049	rBV	253325	292007	3.69%	0.359%
89	21.039	3049	3052	3055	rVV	446547	575646	7.28%	0.709%
90	21.086	3056	3060	3064	rVV2	451277	813908	10.29%	1.002%
91	21.133	3064	3068	3076	rVB2	624794	912332	11.54%	1.123%
92	21.345	3099	3104	3109	rBV2	4200038	7817063	98.84%	9.623%
93	21.392	3109	3112	3121	rVB	3042176	3820956	48.31%	4.704%
94	21.509	3128	3132	3139	rBV2	393691	643442	8.14%	0.792%
95	21.909	3196	3200	3204	rVB	528105	650349	8.22%	0.801%
96	22.203	3247	3250	3260	rVB3	317216	567617	7.18%	0.699%
97	22.950	3370	3377	3382	rBV	1888170	4911344	62.10%	6.046%
98	23.121	3402	3406	3412	rVB	427934	690809	8.73%	0.850%
99	23.533	3473	3476	3484	rVB	806458	1368154	17.30%	1.684%
100	23.633	3487	3493	3499	rVV	1344250	2565335	32.44%	3.158%

Sum of corrected areas: 81233842

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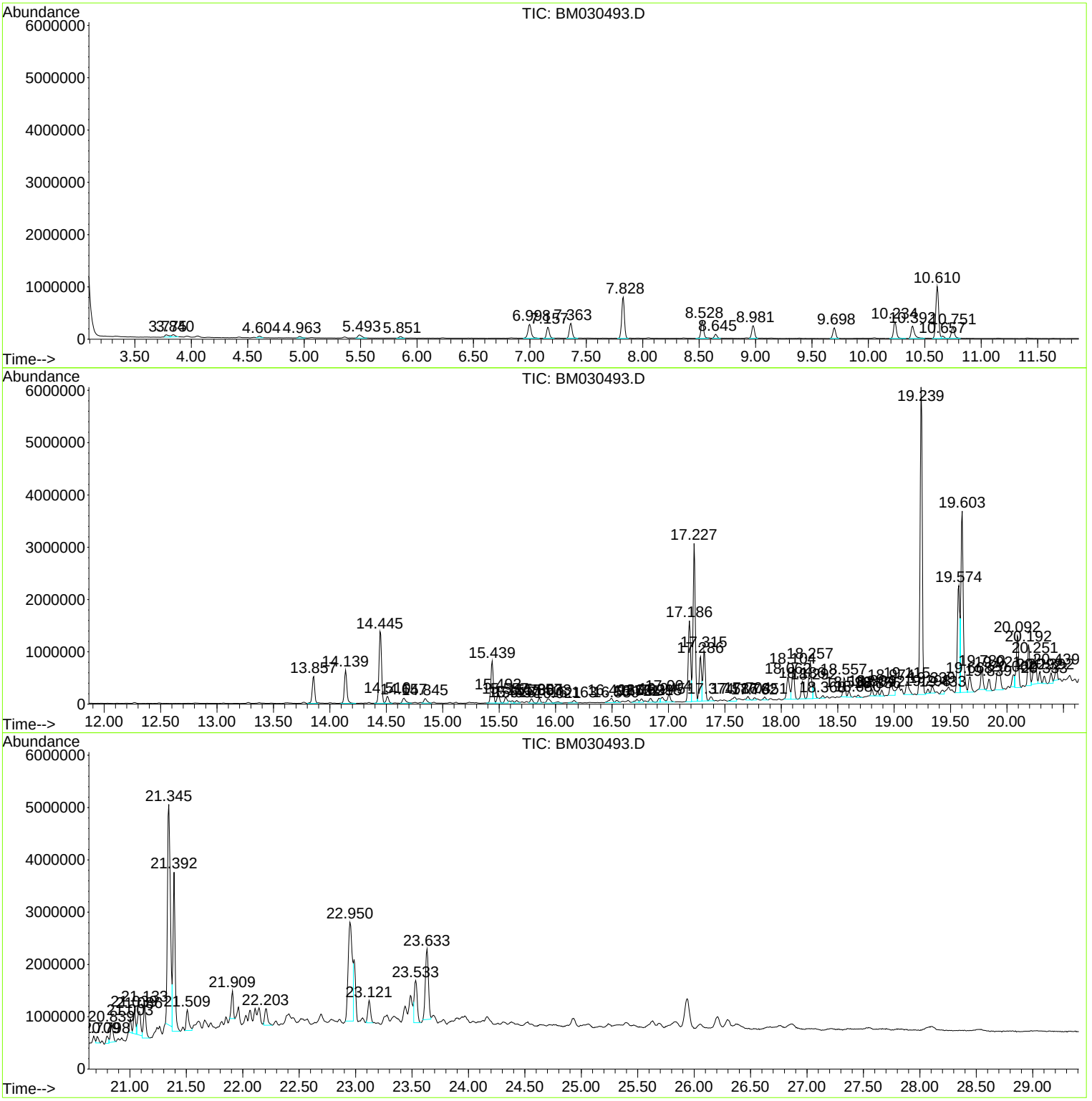
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
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Instrument :
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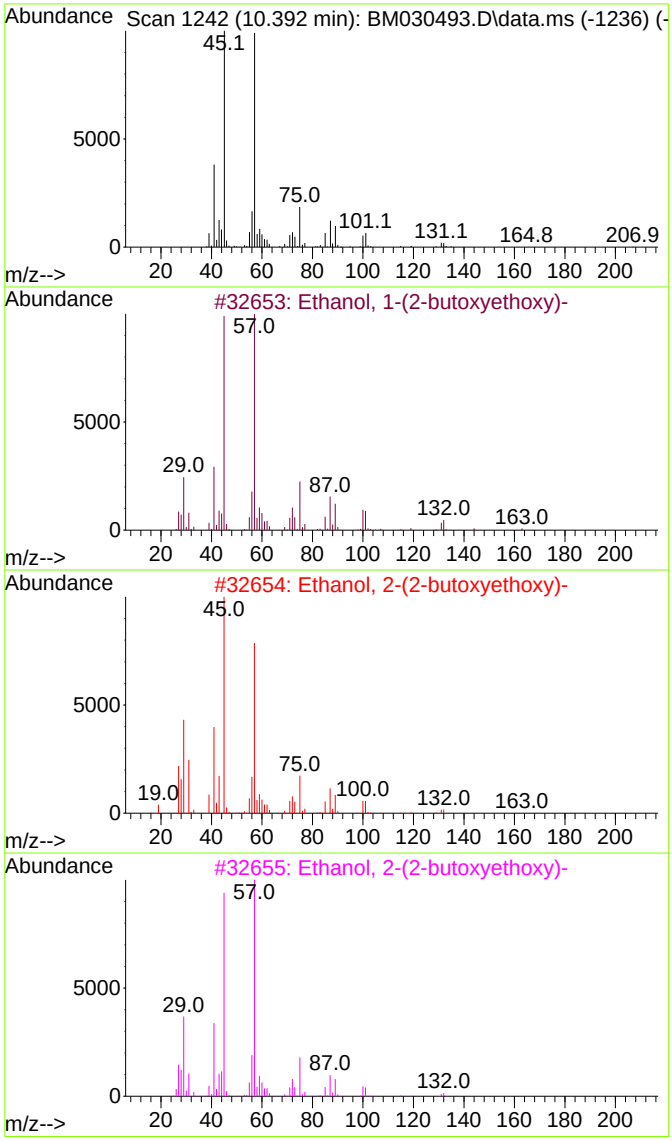
Quant Title : SVOA CALIBRATION

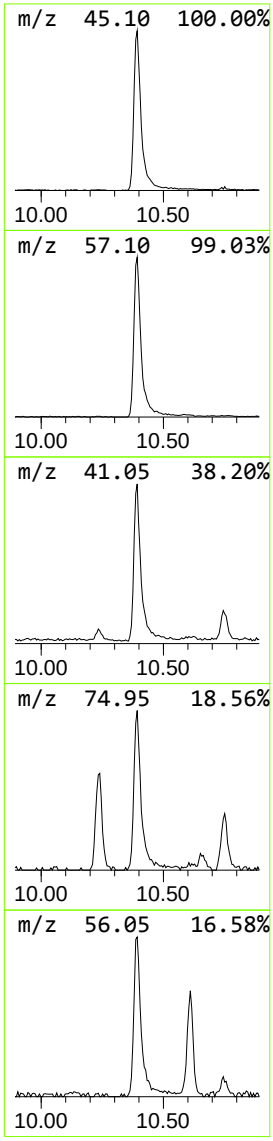
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	5.92 ng/ul	501871	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

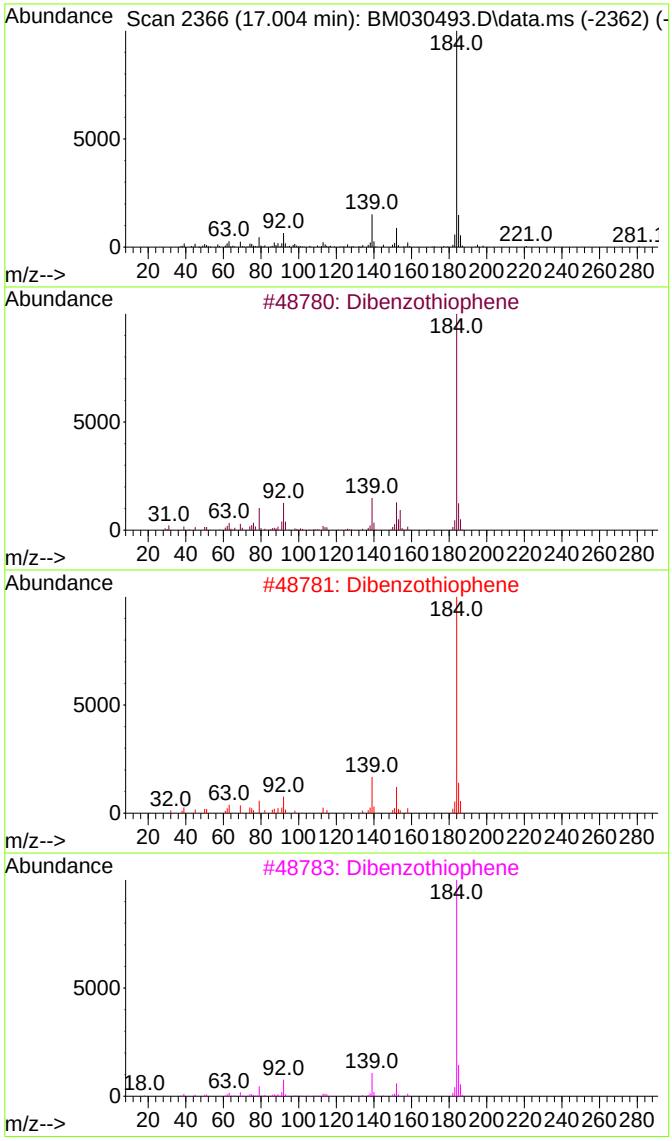
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

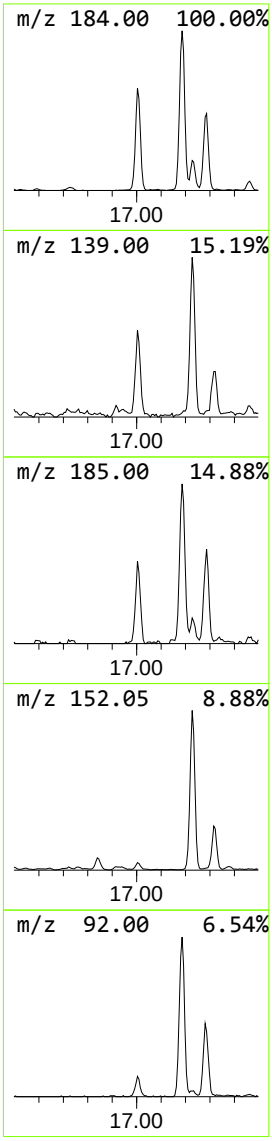
****

Peak Number 3 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.000	2.07 ng/ul	239049	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

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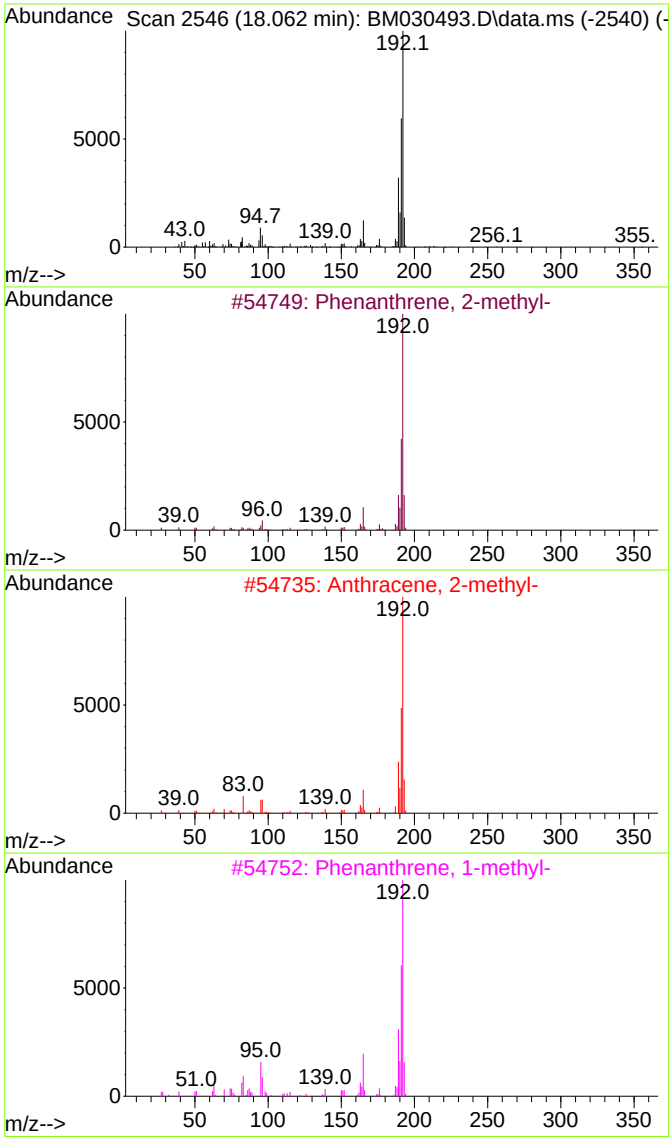
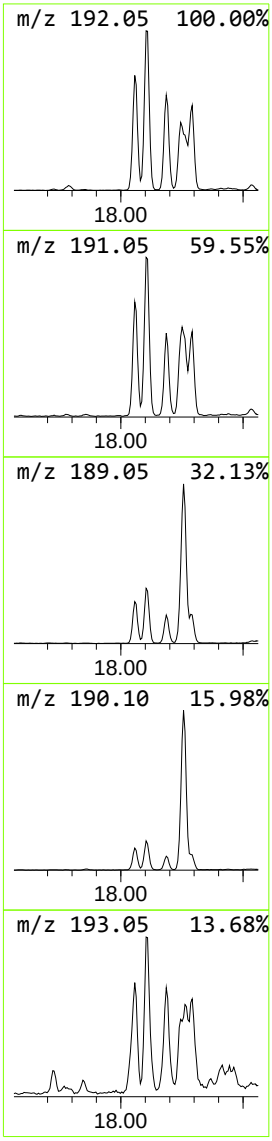
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	6.61 ng/ul	764490	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 17 Jun 2021 13:51
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

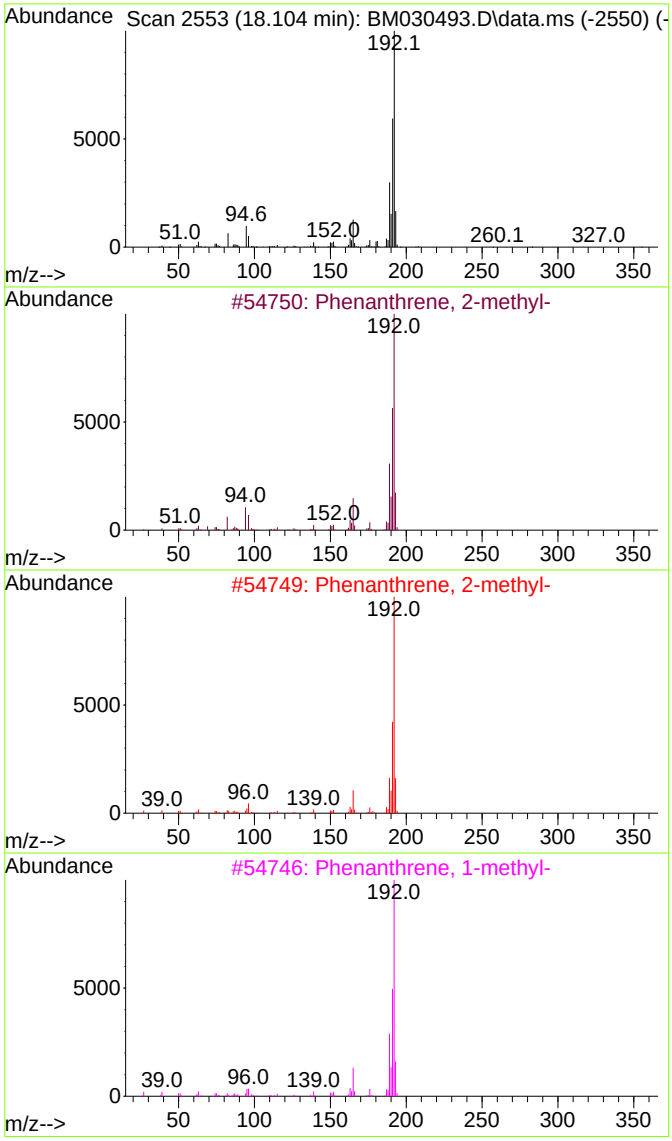
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

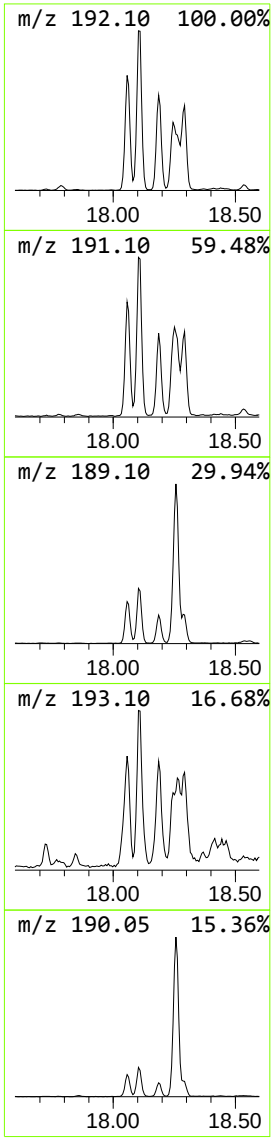
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	7.57 ng/ul	875414	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

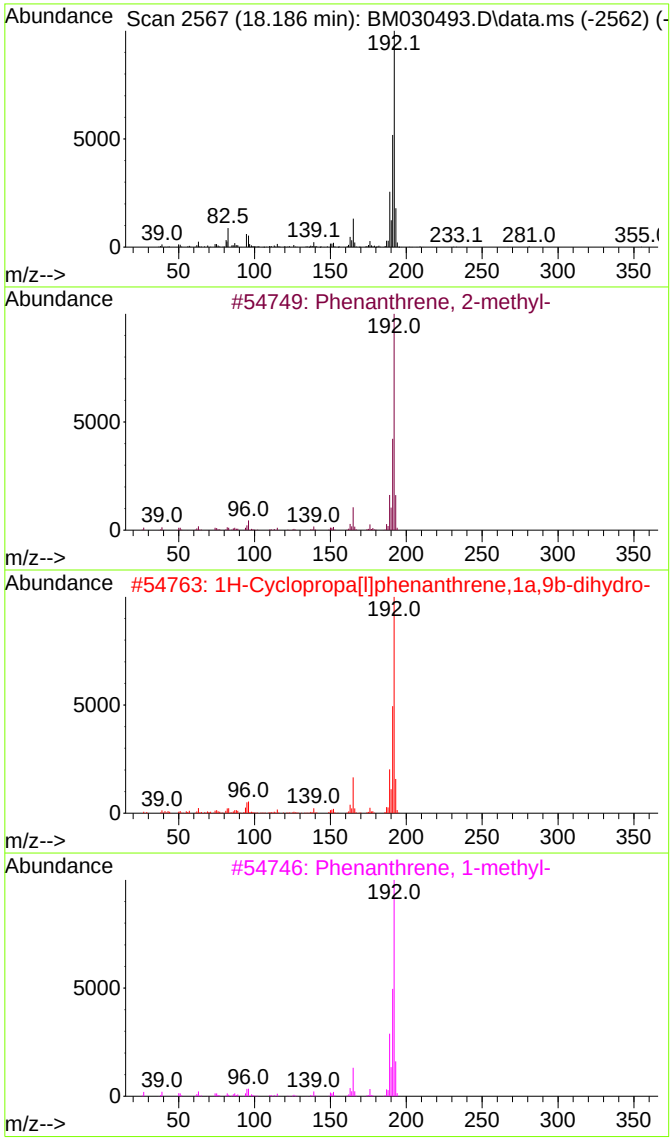
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

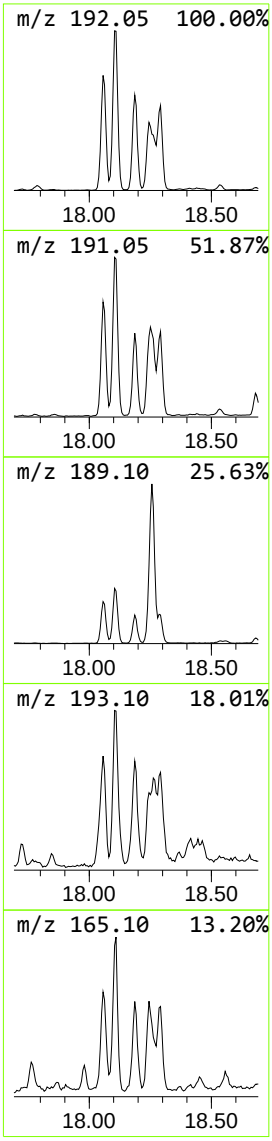
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	4.03 ng/ul	465840	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

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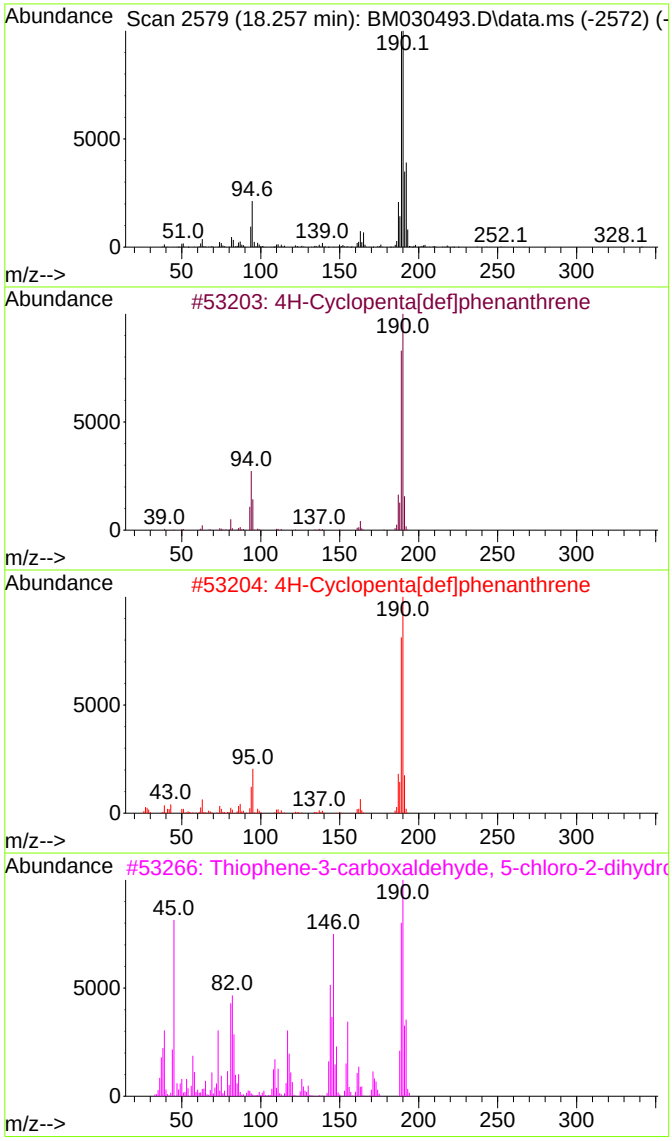
Quant Title : SVOA CALIBRATION

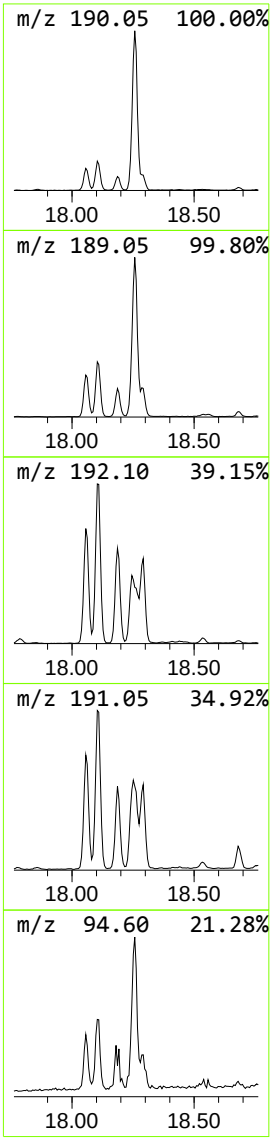
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	11.27 ng/ul	1303160	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

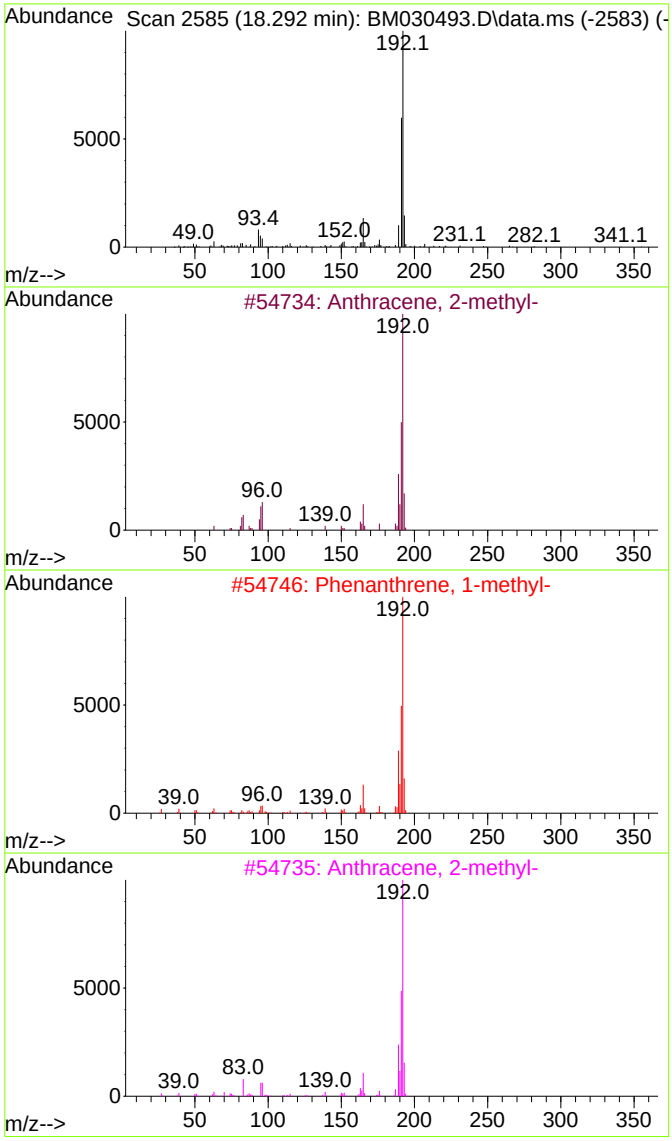
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

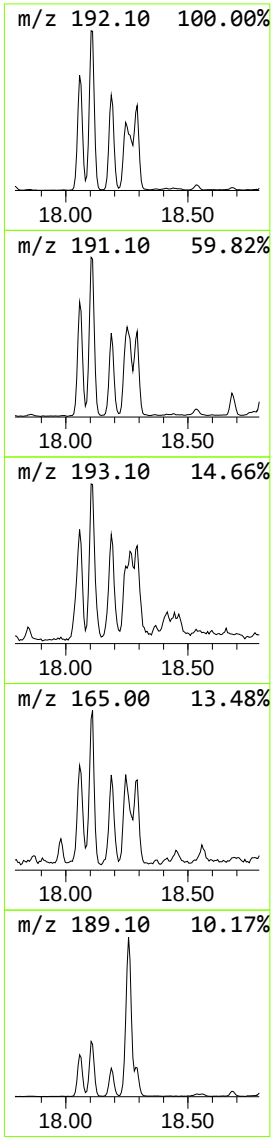
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.290	2.97 ng/ul	343760	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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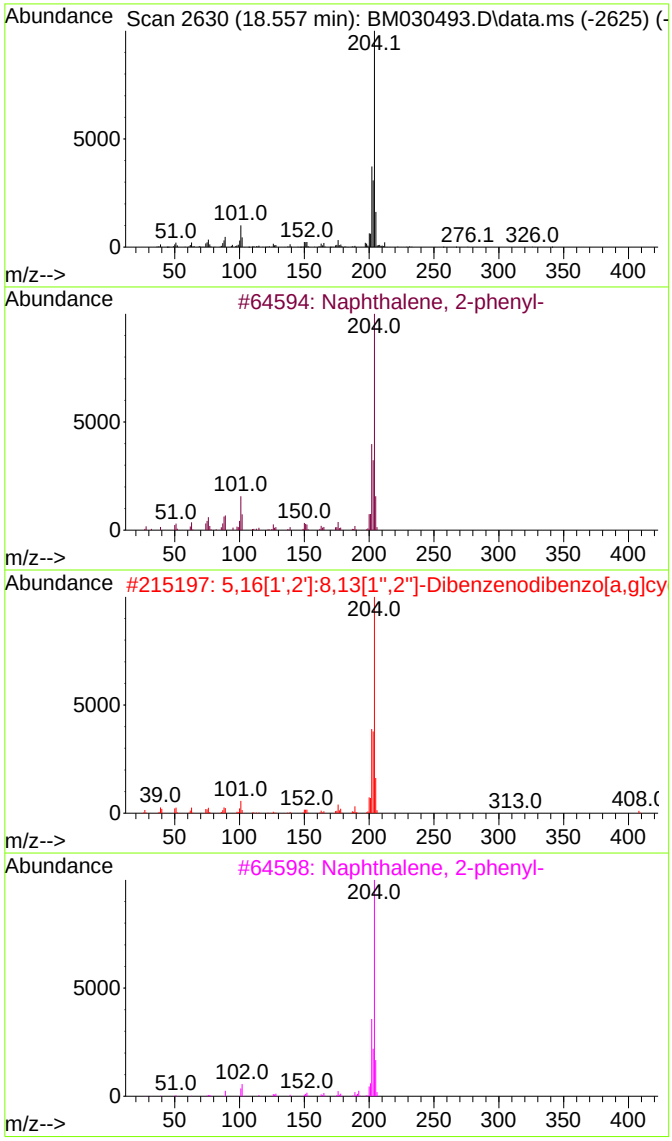
Quant Title : SVOA CALIBRATION

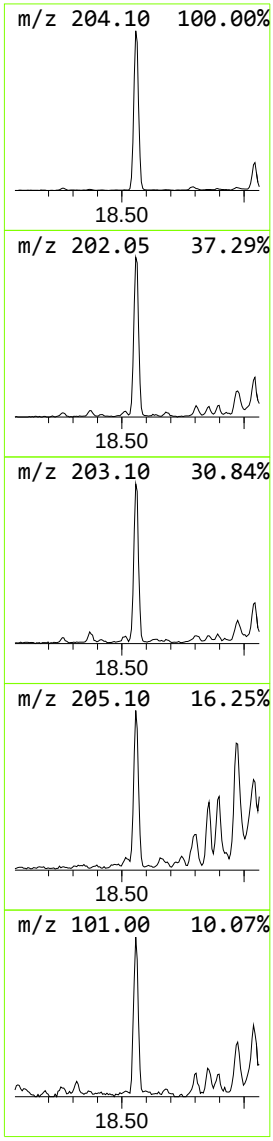
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	4.28 ng/ul	494709	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

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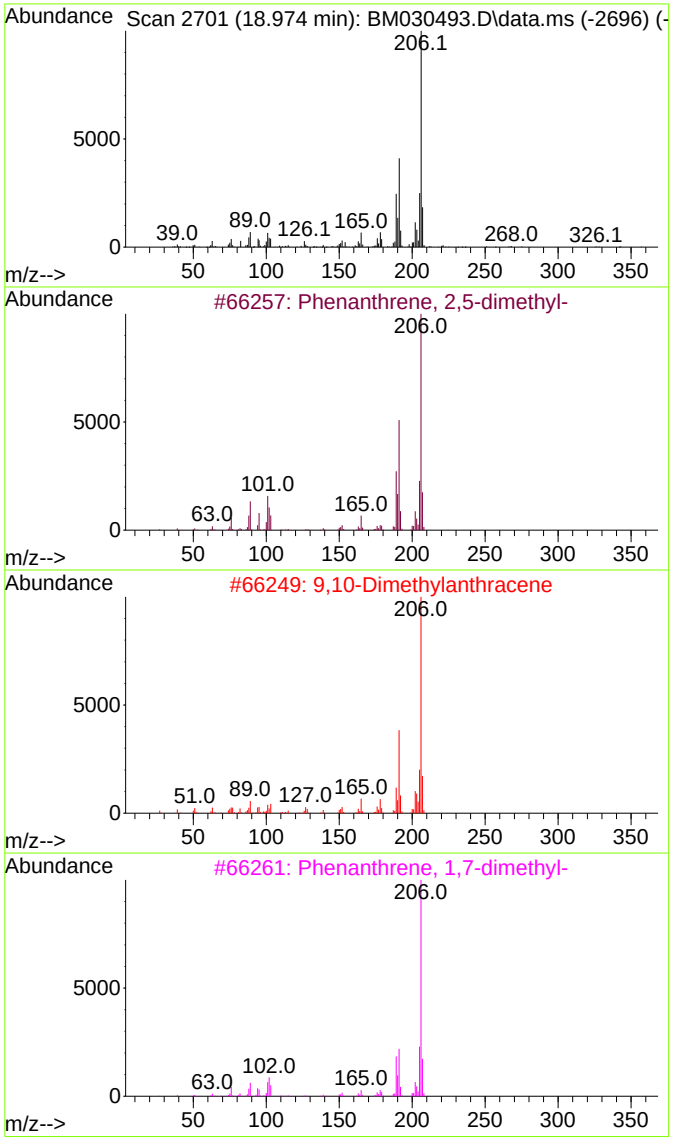
Quant Title : SVOA CALIBRATION

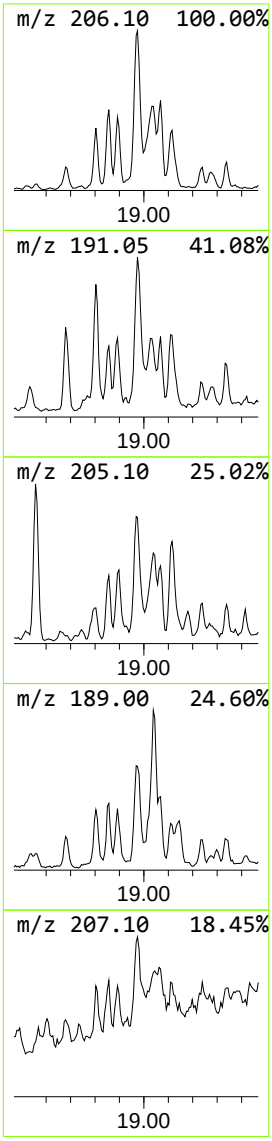
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	4.21 ng/ul	486404	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

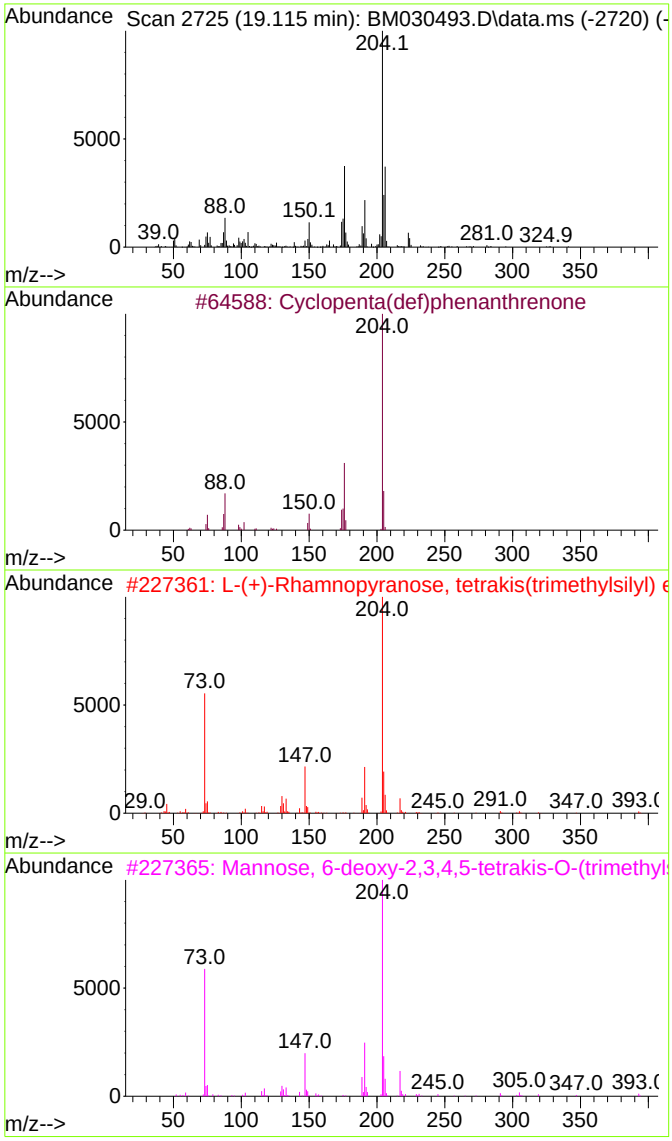
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

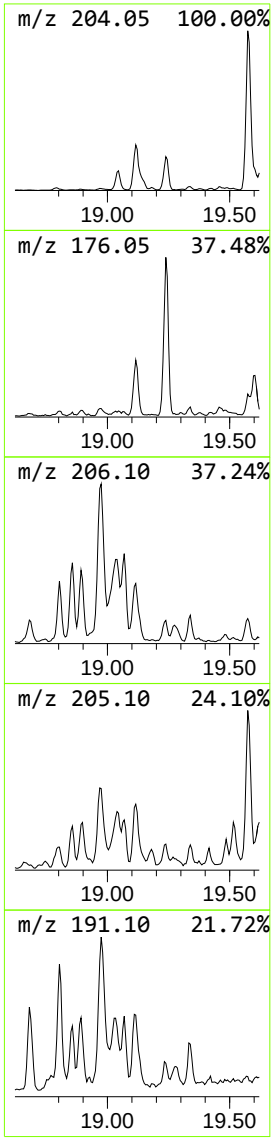
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.120	4.02 ng/ul	464519	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	53
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

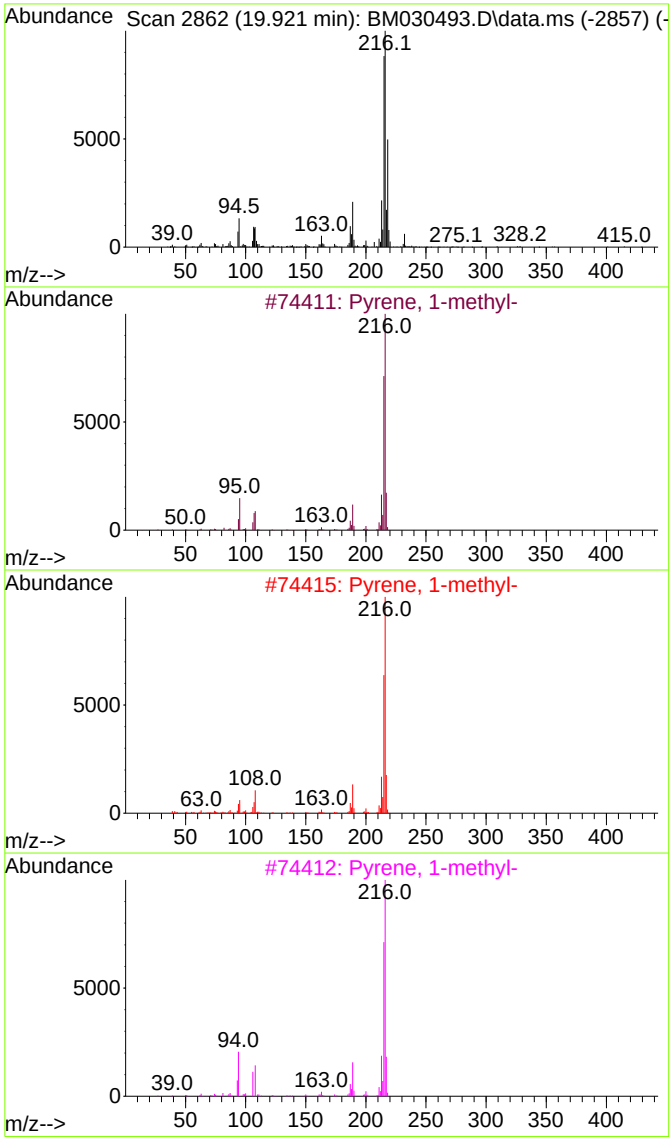
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

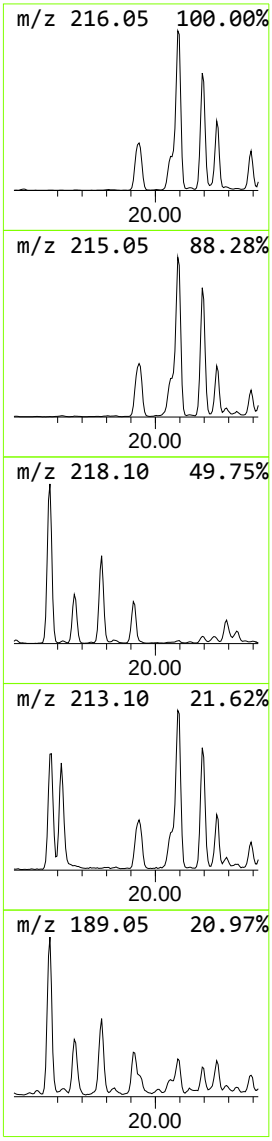
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.920	2.37 ng/ul	927694	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

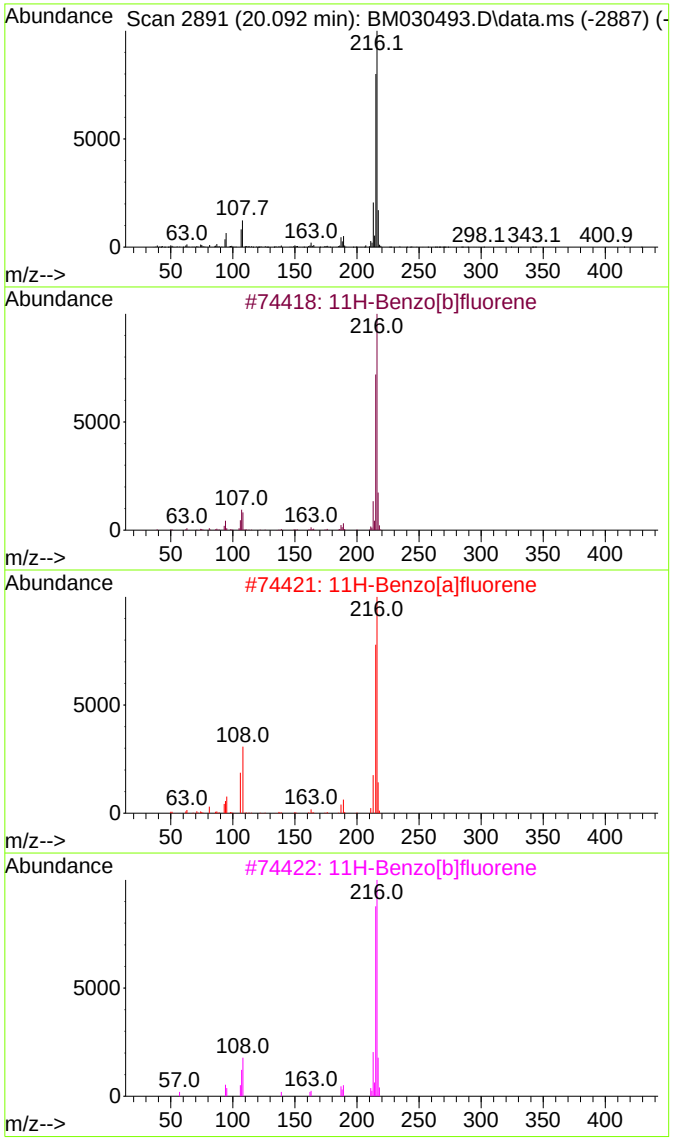
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

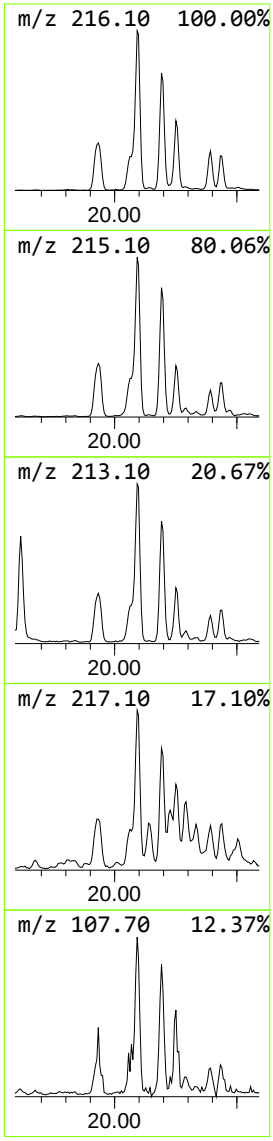
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.090	3.74 ng/ul	1459840	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

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Quant Title : SVOA CALIBRATION

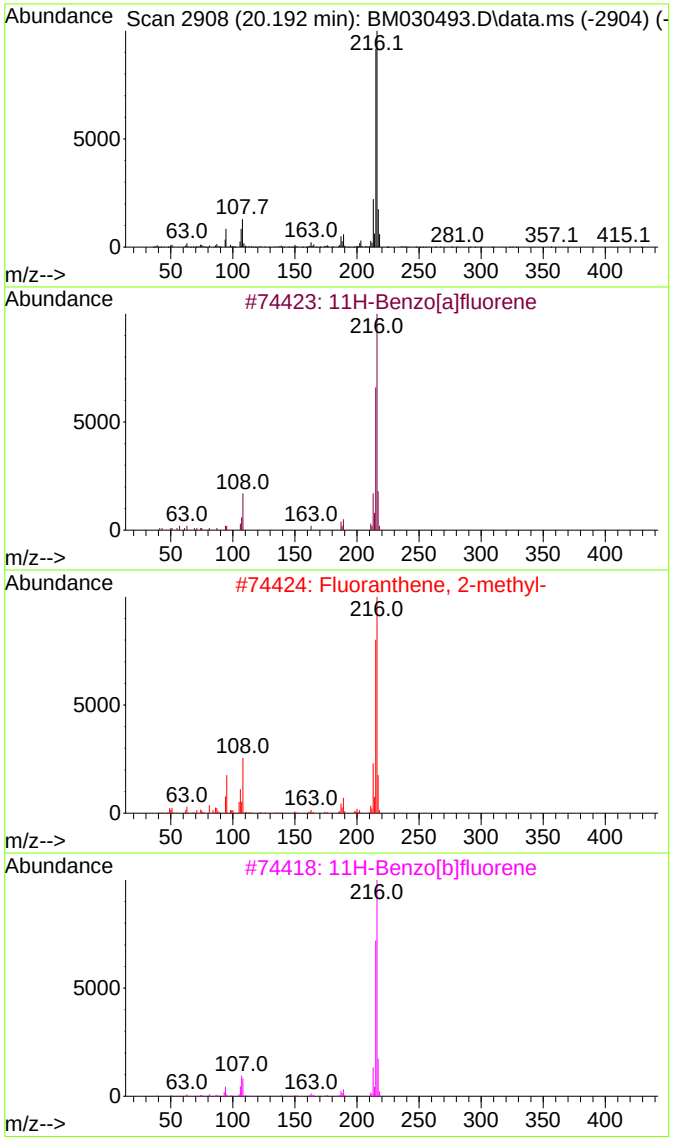
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

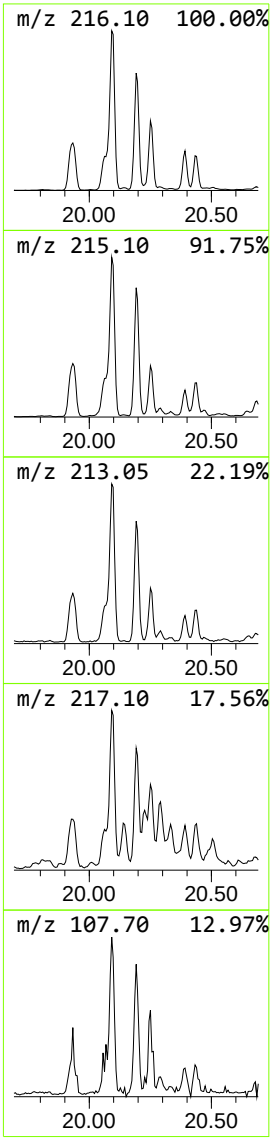
****

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	2.58 ng/ul	1007350	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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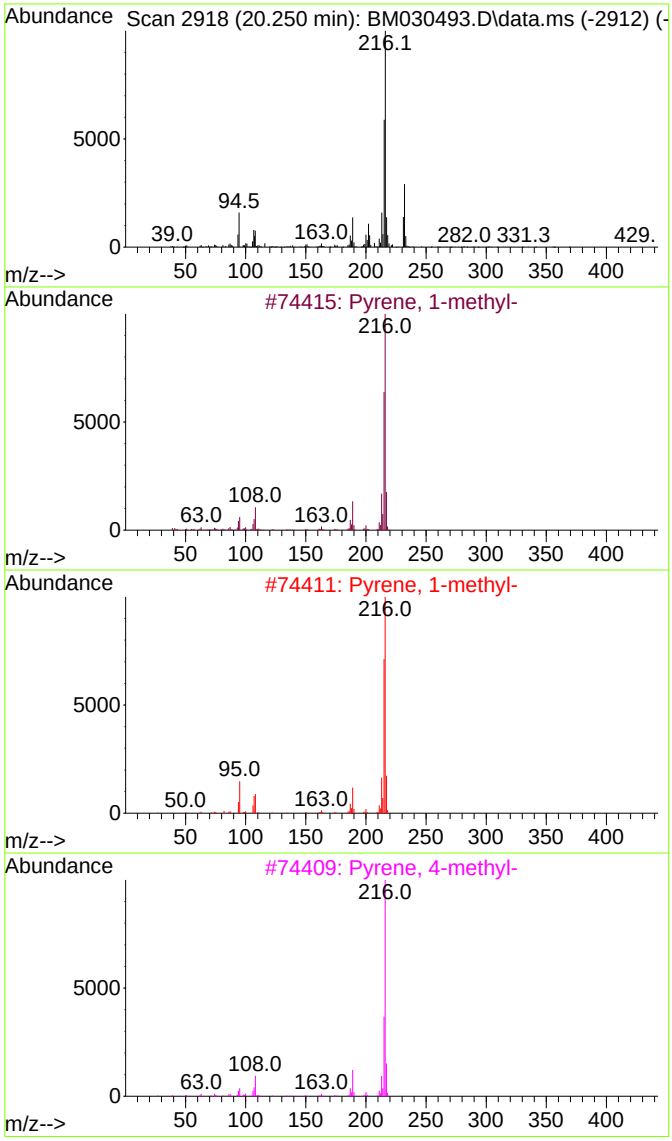
Quant Title : SVOA CALIBRATION

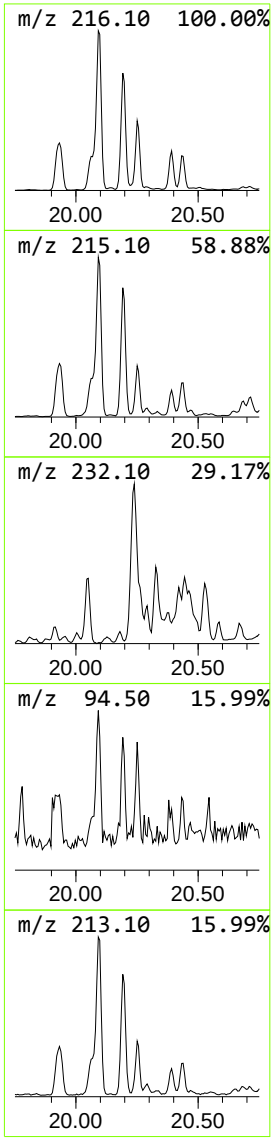
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	2.46 ng/ul	961532	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Misc :
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Instrument : BNA_M
ClientSampleId : BG5Q9DL

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Quant Title : SVOA CALIBRATION

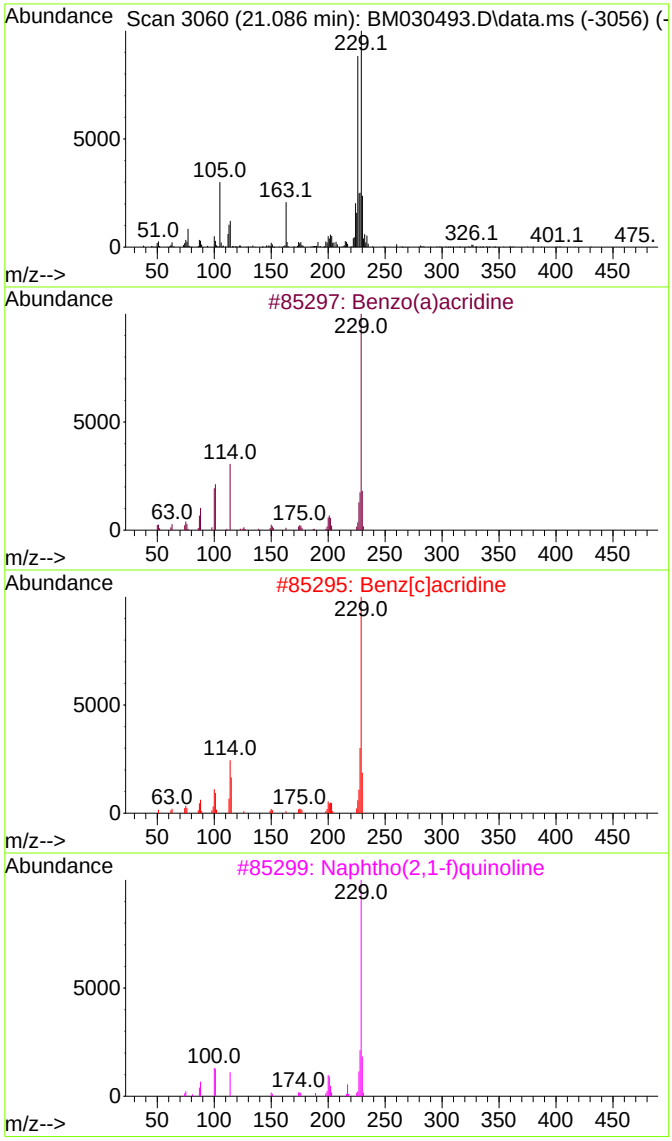
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

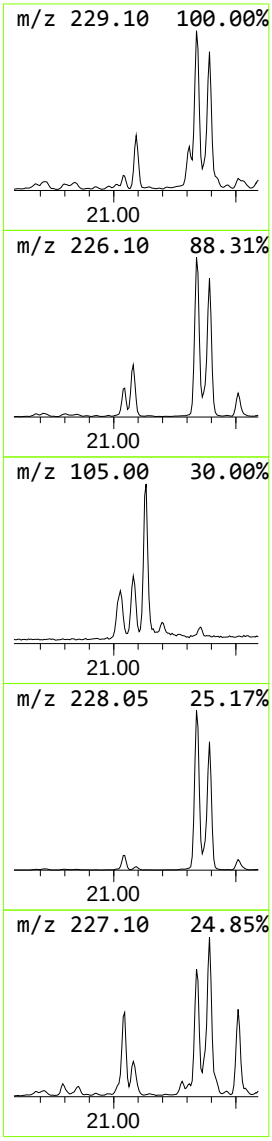
****

Peak Number 16 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.090	2.08 ng/ul	813908	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	46
2	Benz[c]acridine	229	C17H11N	000225-51-4	38
3	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
4	Benzene, 1-bromo-4-isothiocyanat...	227	C8H6BrNS	071672-88-3	35
5	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	27





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ClientSampleId :
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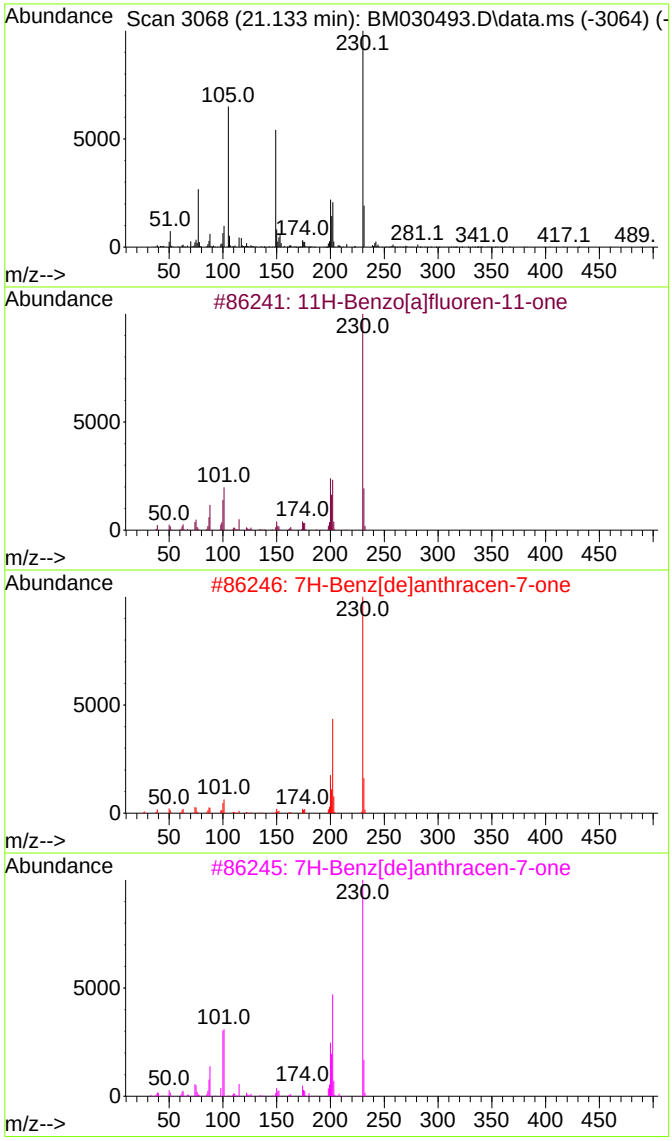
Quant Title : SVOA CALIBRATION

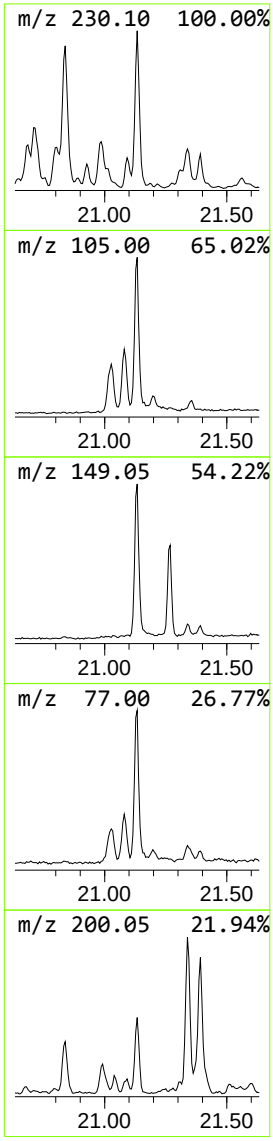
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.130	2.33 ng/ul	912332	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

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

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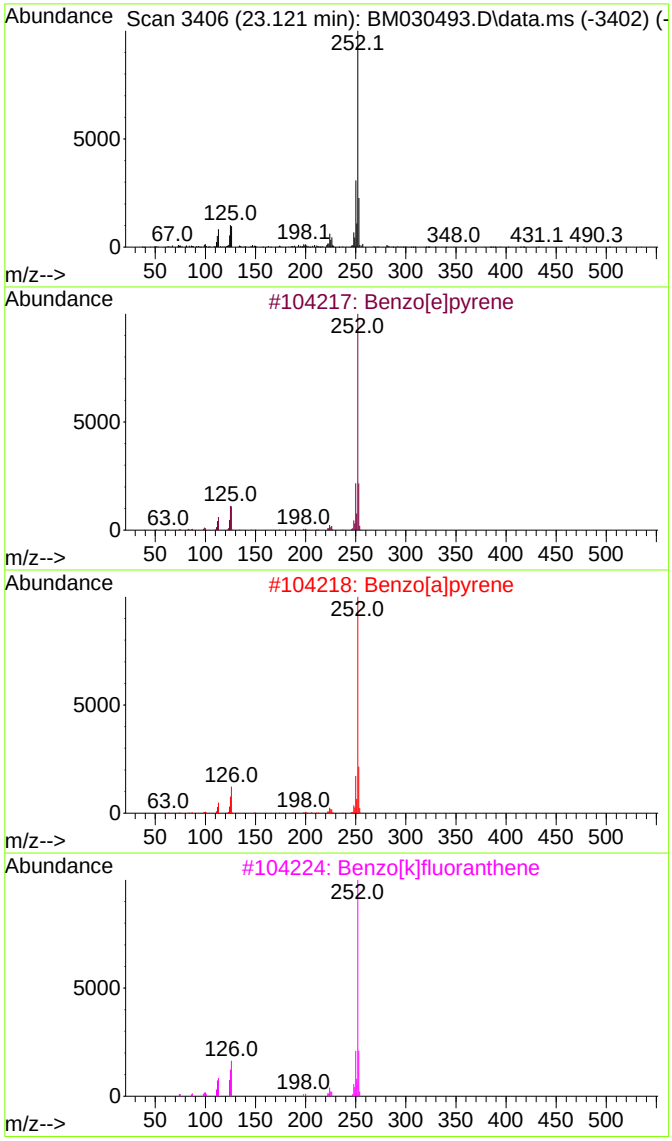
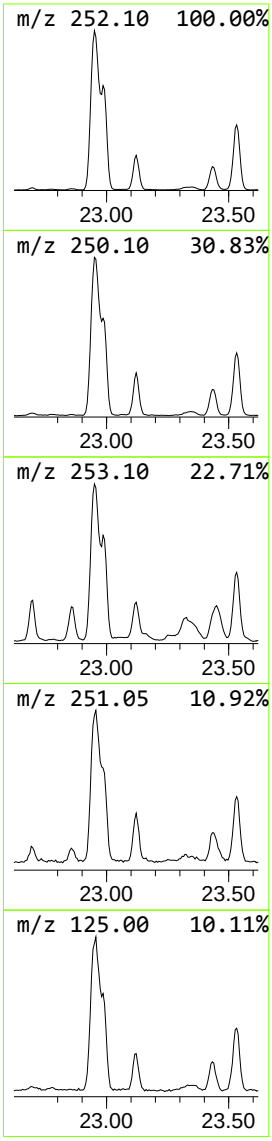
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.120	5.39 ng/ul	690809	Perylene-d12	23.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5Q9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.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
Ethanol, 1-(2-b...	10.390	5.9	ng/ul	501871	2	10.610	1696040	20.0
Dibenzothiophene	17.000	2.1	ng/ul	239049	4	17.186	2312790	20.0
Phenanthrene, 2...	18.060	6.6	ng/ul	764490	4	17.186	2312790	20.0
Phenanthrene, 1...	18.100	7.6	ng/ul	875414	4	17.186	2312790	20.0
1H-Cyclopropa[l...	18.190	4.0	ng/ul	465840	4	17.186	2312790	20.0
4H-Cyclopenta[d...	18.260	11.3	ng/ul	1303160	4	17.186	2312790	20.0
Anthracene, 2-m...	18.290	3.0	ng/ul	343760	4	17.186	2312790	20.0
Naphthalene, 2-...	18.560	4.3	ng/ul	494709	4	17.186	2312790	20.0
Phenanthrene, 2...	18.970	4.2	ng/ul	486404	4	17.186	2312790	20.0
Cyclopenta(def)...	19.120	4.0	ng/ul	464519	4	17.186	2312790	20.0
Pyrene, 1-methyl-	19.920	2.4	ng/ul	927694	5	21.356	7817060	20.0
11H-Benzo[b]flu...	20.090	3.7	ng/ul	1459840	5	21.356	7817060	20.0
11H-Benzo[a]flu...	20.190	2.6	ng/ul	1007350	5	21.356	7817060	20.0
Pyrene, 4-methyl-	20.250	2.5	ng/ul	961532	5	21.356	7817060	20.0
unknown-01	21.090	2.1	ng/ul	813908	5	21.356	7817060	20.0
11H-Benzo[a]flu...	21.130	2.3	ng/ul	912332	5	21.356	7817060	20.0
Benzo[e]pyrene	23.120	5.4	ng/ul	690809	6	23.633	2565340	20.0