LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030535.D
Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030535.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.804	794	802	810	rVB	711952	1152543	1.51%	0.147%
2	8.510	906	922	929	rBV	686213	1152543	1.51%	0.147%
3	10.222	1206	1213	1223	rVB	627465	1123609	1.47%	0.144%
4	10.598	1266	1277	1281	rBV	866264	1573650	2.06%	0.201%
5	13.845	1824	1829	1833	rVV	1155233	1678731	2.20%	0.214%
6	14.133	1871	1878	1879	rVV	1342258	1994563	2.62%	0.255%
7	14.157	1879	1882	1893	rVB	2897887	4399739	5.77%	0.562%
8	14.439	1919	1930	1935	rBV2	1222670	2146773	2.82%	0.274%
9	14.498	1935	1940	1948	rVB2	1927791	3098841	4.07%	0.396%
10	14.833	1986	1997	2004	rBV	2584848	3899732	5.12%	0.498%
11	15.051	2026	2034	2039	rBV2	773880	1591426	2.09%	0.203%
12	15.427	2090	2098	2102	rVV2	2003557	3491244	4.58%	0.446%
13	15.486	2102	2108	2118	rVV2	4511368	7368245	9.67%	0.941%
14	15.780	2152	2158	2165	rVV	2738551	4199718	5.51%	0.537%
15	15.927	2173	2183	2190	rVB	3083246	6444354	8.46%	0.823%
16	16.157	2216	2222	2232	rVB3	691394	1329693	1.74%	0.170%
17	16.486	2269	2278	2283	rBV2	2135324	4165385	5.47%	0.532%
18	16.633	2298	2303	2308	rVB	978556	1523669	2.00%	0.195%
19	16.715	2309	2317	2320	rBV2	1804699	2911487	3.82%	0.372%
20	16.757	2320	2324	2327	rVB	977067	1173360	1.54%	0.150%
21	16.839	2334	2338	2344	rVB2	871930	1438222	1.89%	0.184%
22	16.910	2344	2350	2357	rBV	1690723	3113869	4.09%	0.398%
23	16.998	2357	2365	2370	rBV	2451607	3820180	5.01%	0.488%
24	17.186	2391	2397	2398	rBV	1184386	1852661	2.43%	0.237%
25	17.239	2398	2406	2410	rVV2	28828645	57488241	75.43%	7.345%
26	17.280	2410	2413	2415	rVV2	2022698	2689053	3.53%	0.344%
27	17.321	2415	2420	2424	rVV	15887590	22778388	29.89%	2.910%
28	17.368	2424	2428	2433	rVV3	1169131	2271639	2.98%	0.290%
29	17.615	2466	2470	2477	rVV2	875883	2155880	2.83%	0.275%
30	17.698	2480	2484	2490	rVV	1353211	2156351	2.83%	0.276%
31	17.757	2490	2494	2503	rVV5	677598	1760020	2.31%	0.225%
32	17.898	2513	2518	2527	rVB3	636828	1207270	1.58%	0.154%
33	18.057	2534	2545	2549	rBV	6683943	10579574	13.88%	1.352%
34	18.104	2549	2553	2559	rVB	9587410	12851818	16.86%	1.642%
35	18.186	2560	2567	2572	rBV	4839055	7264180	9.53%	0.928%
36	18.256	2572	2579	2582	rVV2	12130172	20578016	27.00%	2.629%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4

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-BM062221.M
Title : SVOA CALIBRATION

37	18.286	2582	2584	2592	rVB	4688785	5323032	6.98%	0.680%
38	18.551	2624	2629	2634	rVB	5611237	7437728	9.76%	0.950%
39	18.798	2666	2671	2675	rBV	1094709	1452624	1.91%	0.186%
40	18.845	2675	2679	2683	rBV	1460756	1752773	2.30%	0.224%
41	18.886	2683	2686	2690	rVB	1382869	1763722	2.31%	0.225%
42	18.968	2690	2700	2705	rBV2	3477012	7337702	9.63%	0.938%
43	19.039	2707	2712	2715	rBV2	1805360	2743431	3.60%	0.351%
44	19.115	2720	2725	2734	rVB4	1740990	4394231	5.77%	0.561%
45	19.262	2739	2750	2754	rBV2	31716581	76213312	100.00%	9.738%
46	19.298	2754	2756	2759	rVV	1047623	1194238	1.57%	0.153%
47	19.333	2759	2762	2766	rVV	1408280	1789902	2.35%	0.229%
48	19.386	2766	2771	2775	rVV	7085792	9242423	12.13%	1.181%
49	19.480	2782	2787	2797	rVB5	1013010	3112424	4.08%	0.398%
50	19.574	2797	2803	2805	rBV2	13655348	20487018	26.88%	2.618%
51	19.609	2805	2809	2815	rVV	21320066	34191452	44.86%	4.369%
52	19.668	2815	2819	2826	rVB2	3539376	5371950	7.05%	0.686%
53	19.774	2826	2837	2843	rBV	4940232	8095524	10.62%	1.034%
54	19.839	2843	2848	2854	rVB2	913114	1672862	2.19%	0.214%
55	19.927	2855	2863	2869	rBV2	4169128	10699955	14.04%	1.367%
56	20.056	2879	2885	2887	rBV2	3224859	6007928	7.88%	0.768%
57	20.098	2887	2892	2896	rVB	12178920	18133880	23.79%	2.317%
58	20.192	2896	2908	2912	rBV	12475109	18377586	24.11%	2.348%
59	20.250	2912	2918	2922	rVV2	5003312	10166885	13.34%	1.299%
60	20.286	2922	2924	2927	rVV	1096123	1140280	1.50%	0.146%
61	20.327	2927	2931	2937	rVV2	1429541	2995301	3.93%	0.383%
62	20.386	2938	2941	2944	rVV	1799115	2606433	3.42%	0.333%
63	20.433	2945	2949	2957	rVB2	3388315	5719615	7.50%	0.731%
64	20.556	2966	2970	2976	rVB	4315569	5110419	6.71%	0.653%
65	20.674	2986	2990	2993	rVV3	1522903	2262341	2.97%	0.289%
66	20.703	2993	2995	2999	rVB	1472949	1615695	2.12%	0.206%
67	20.792	3005	3010	3014	rBV	2125486	3649237	4.79%	0.466%
68	20.839	3014	3018	3024	rVB3	1776060	3109072	4.08%	0.397%
69	20.997	3041	3045	3048	rBV	2974018	3700014	4.85%	0.473%
70	21.033	3048	3051	3055	rVB	5023684	6172433	8.10%	0.789%
71	21.080	3055	3059	3063	rBV2	3750990	5323049	6.98%	0.680%
72	21.239	3078	3086	3092	rBV3	1404439	4334419	5.69%	0.554%
73	21.350	3095	3105	3109	rVV2	30873902	61408517	80.57%	7.846%
74	21.403	3109	3114	3121	rVB	25290508	38767017	50.87%	4.953%
75	21.509	3128	3132	3136	rBV3	2262198	3696757	4.85%	0.472%
76	21.556	3136	3140	3144	rVV	4221041	5397689	7.08%	0.690%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2662-04
Misc :
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Instrument : BNA_M
ClientSampleId : BGDF4

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

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Title : SVOA CALIBRATION

77	21.662	3153	3158	3163	rBV5	1283201	2786667	3.66%	0.356%
78	21.803	3178	3182	3185	rBV2	800628	1183494	1.55%	0.151%
79	21.844	3185	3189	3192	rVV2	2023868	3076849	4.04%	0.393%
80	21.903	3192	3199	3203	rVV	7066754	12910322	16.94%	1.650%
81	21.956	3204	3208	3214	rVV	3254445	5275857	6.92%	0.674%
82	22.021	3215	3219	3222	rVV2	1850371	2986568	3.92%	0.382%
83	22.062	3222	3226	3230	rVV2	3783612	6146282	8.06%	0.785%
84	22.103	3230	3233	3236	rVV	3223350	5429414	7.12%	0.694%
85	22.139	3236	3239	3245	rVV3	3648957	5526599	7.25%	0.706%
86	22.203	3245	3250	3254	rVB2	1847670	2827234	3.71%	0.361%
87	22.286	3260	3264	3269	rVB2	705428	1110562	1.46%	0.142%
88	22.403	3279	3284	3287	rBV4	1227297	2403147	3.15%	0.307%
89	22.691	3328	3333	3342	rVB	1879656	3970435	5.21%	0.507%
90	22.962	3369	3379	3383	rBV	17222819	45019751	59.07%	5.752%
91	23.062	3393	3396	3400	rVB	889564	1230273	1.61%	0.157%
92	23.127	3401	3407	3422	rVB	6072191	11876404	15.58%	1.517%
93	23.274	3423	3432	3436	rBV	1771490	5067402	6.65%	0.647%
94	23.439	3455	3460	3470	rBV4	1727231	4644647	6.09%	0.593%
95	23.533	3470	3476	3484	rVB	5877427	10748240	14.10%	1.373%
96	23.627	3488	3492	3497	rBV2	991427	1877730	2.46%	0.240%
97	25.944	3876	3886	3895	rVB2	4285540	13255224	17.39%	1.694%
98	26.044	3898	3903	3916	rVB	804002	2211926	2.90%	0.283%
99	26.203	3923	3930	3939	rBV	1742793	4633944	6.08%	0.592%
100	26.297	3941	3946	3953	rVV	876502	2078955	2.73%	0.266%

Sum of corrected areas: 782673463

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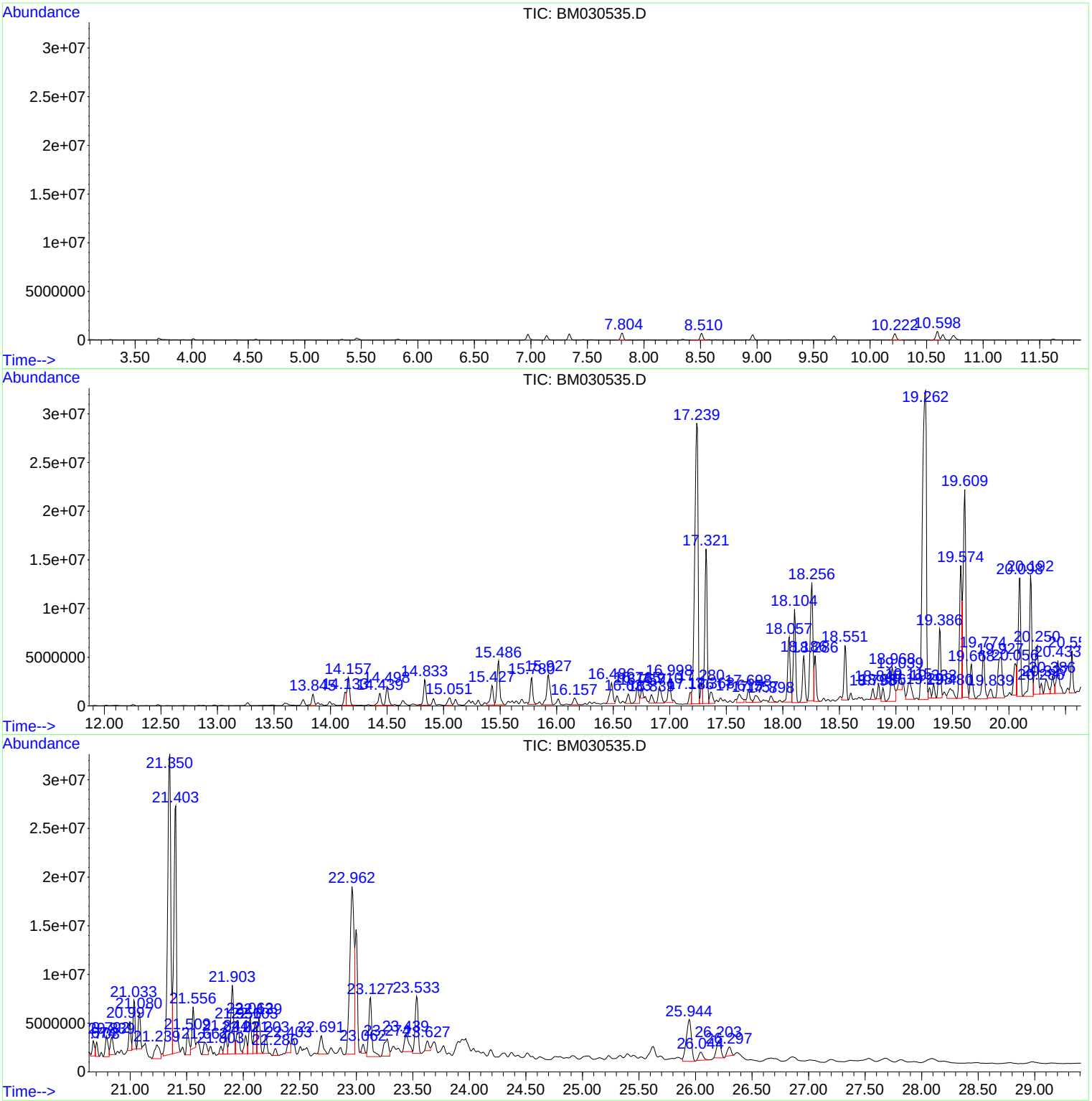
Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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Instrument : BNA_M
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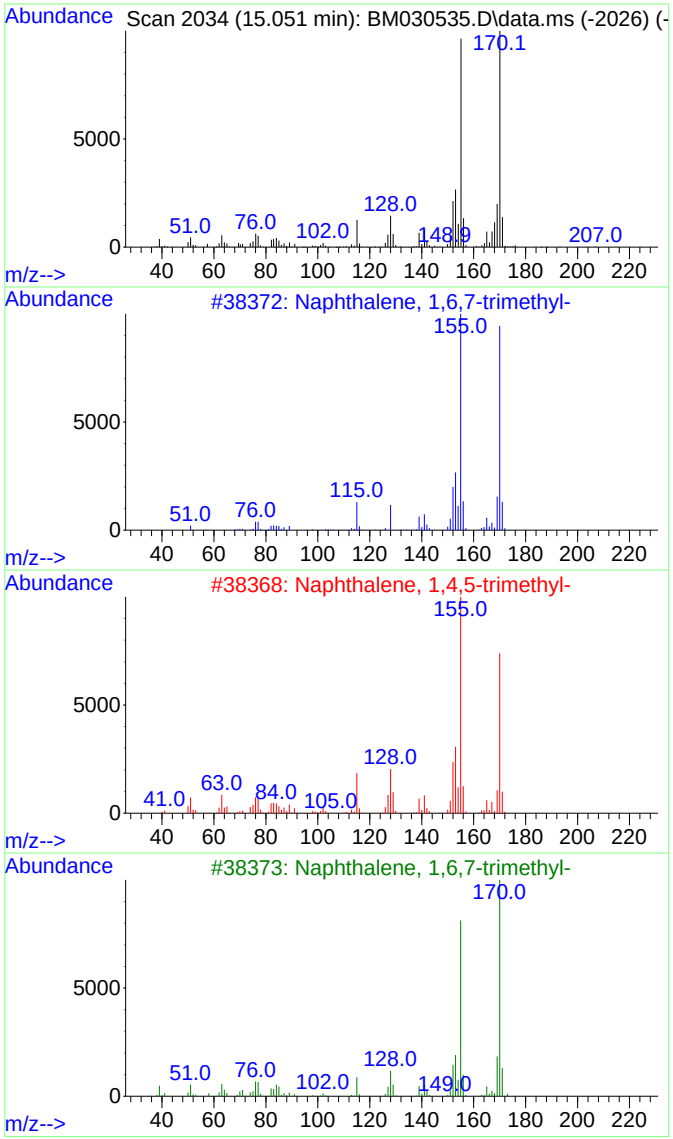
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

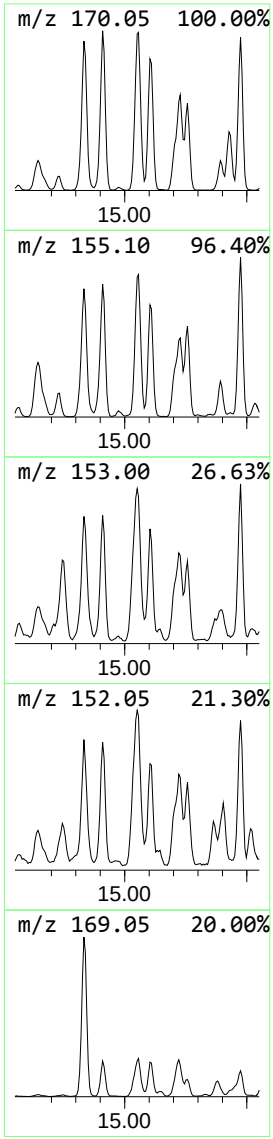
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,6,7-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	14.83 ng/ul	1591430	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Instrument :
BNA_M
ClientSampleId :
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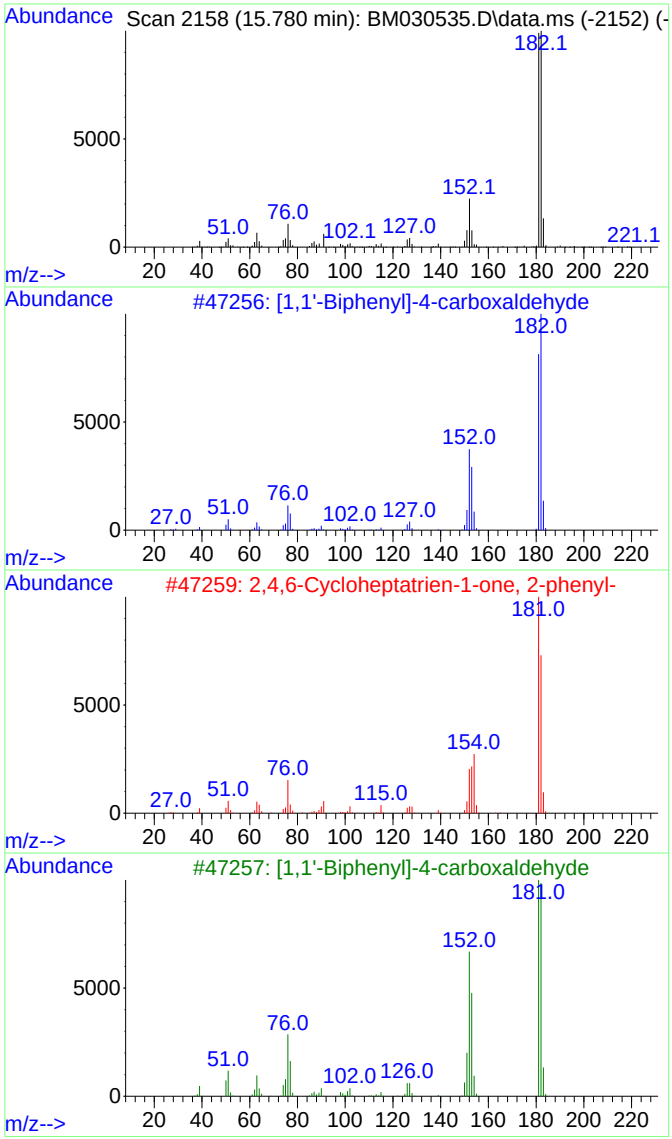
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

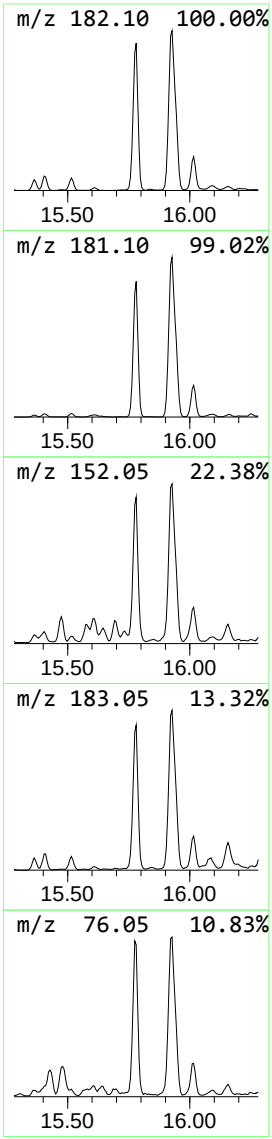
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.780	39.13 ng/ul	4199720	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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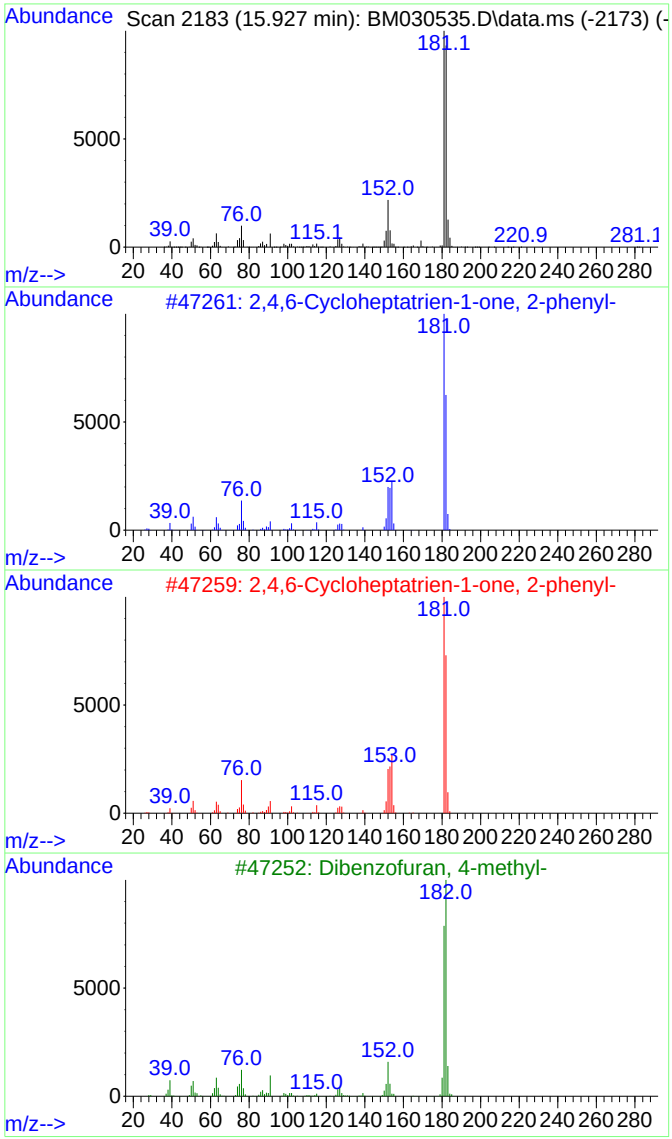
Quant Title : SVOA CALIBRATION

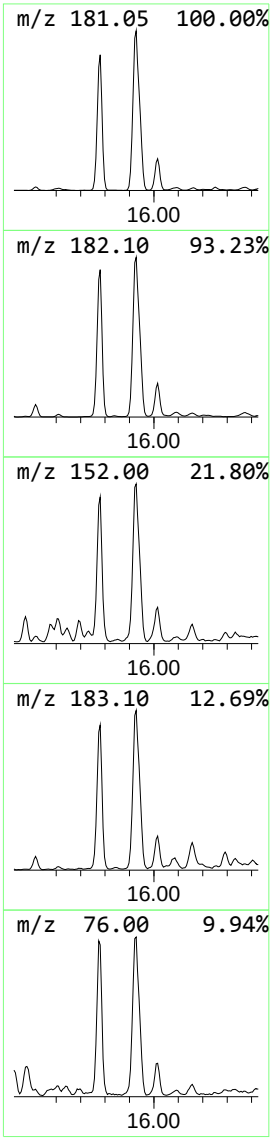
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.930	69.57 ng/ul	6444350	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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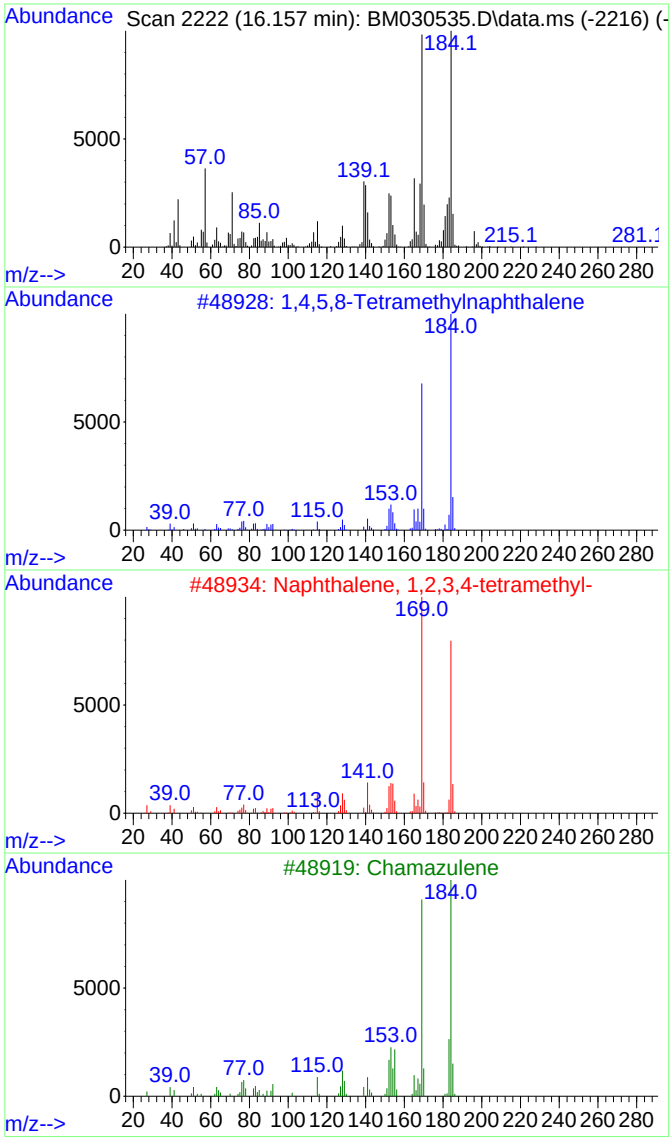
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

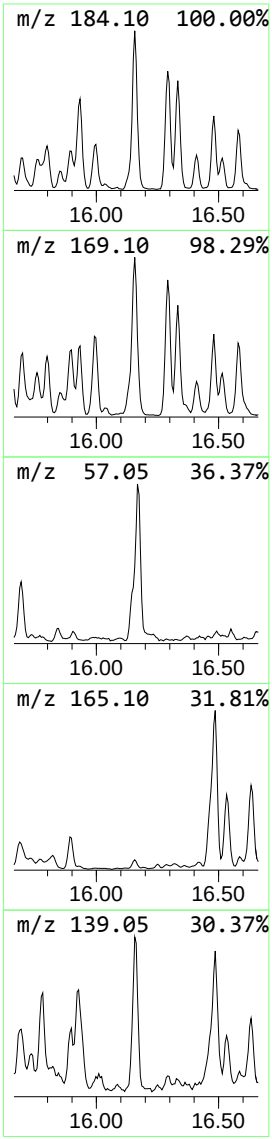
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4,5,8-Tetramethylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.160	14.35 ng/ul	1329690	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
3	Chamazulene	184	C14H16	000529-05-5	58
4	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	46
5	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	46





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Operator : CG/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

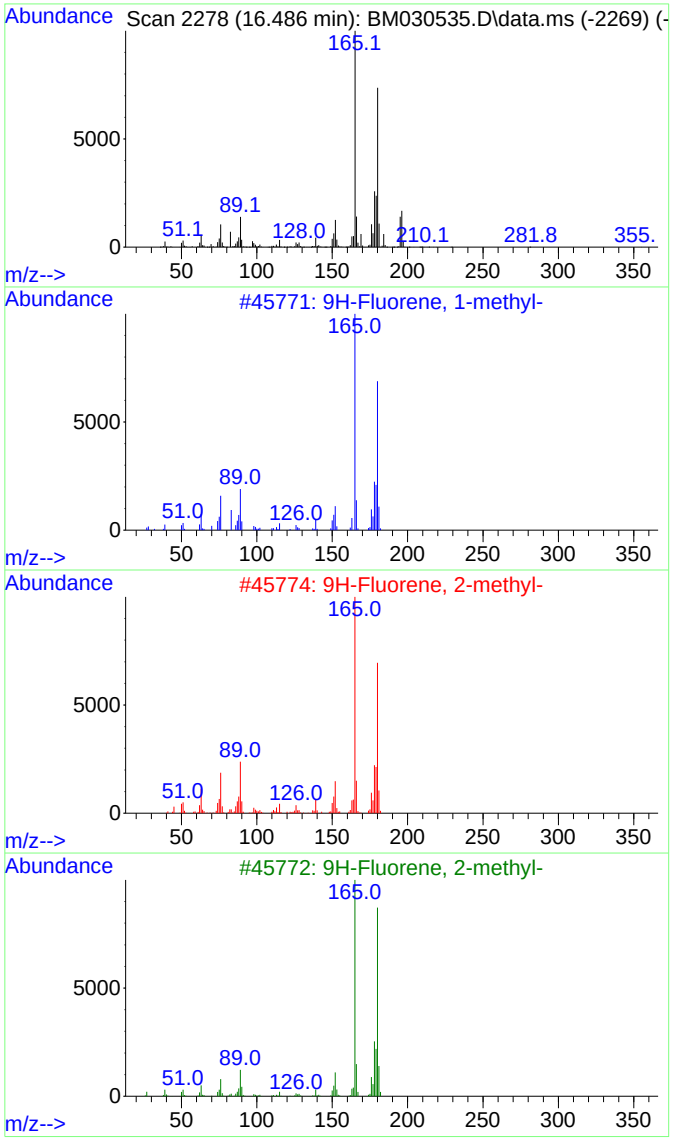
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

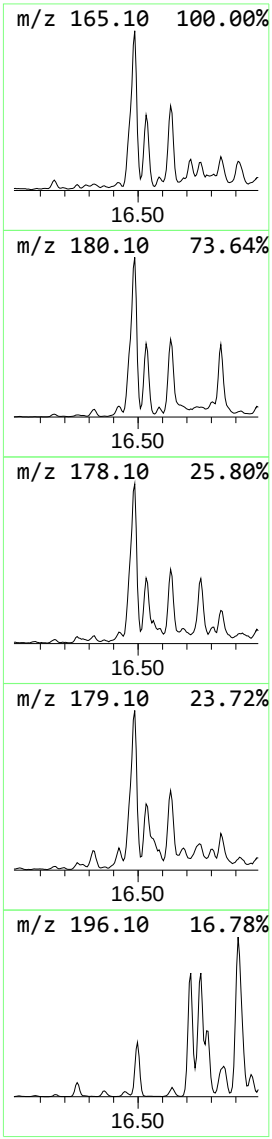
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	44.97 ng/ul	4165390	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

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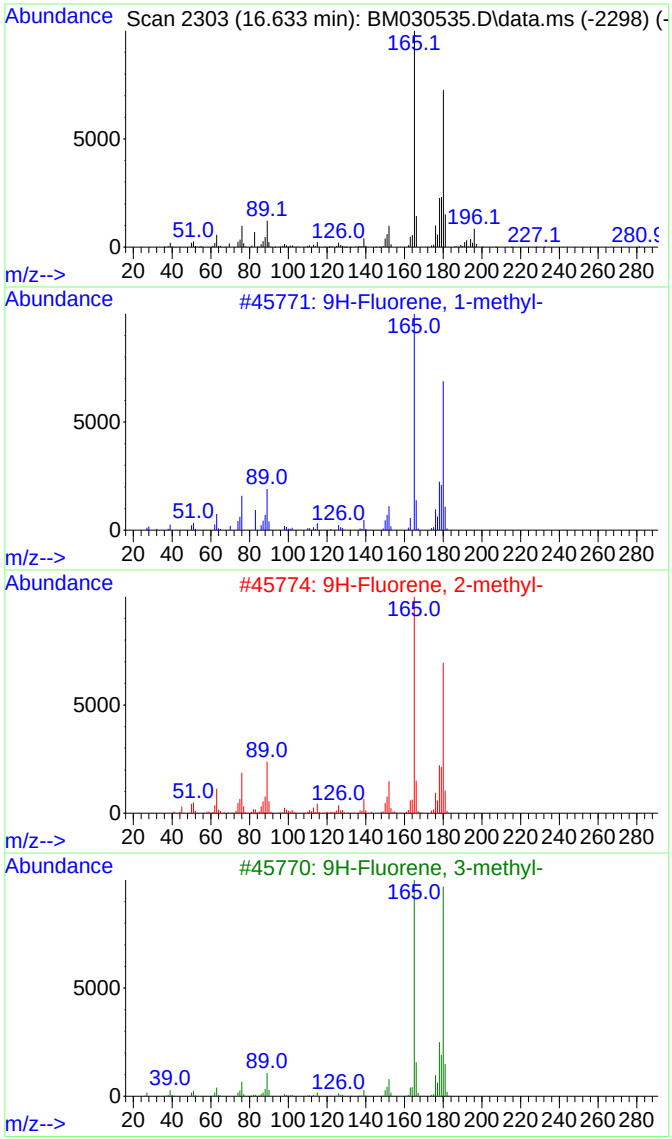
Quant Title : SVOA CALIBRATION

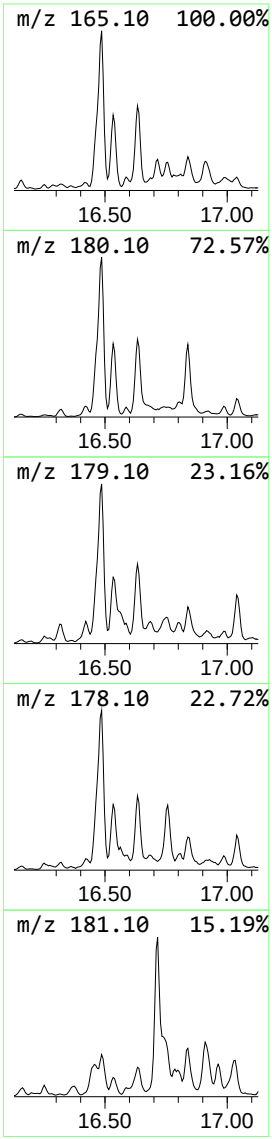
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.630	16.45 ng/ul	1523670	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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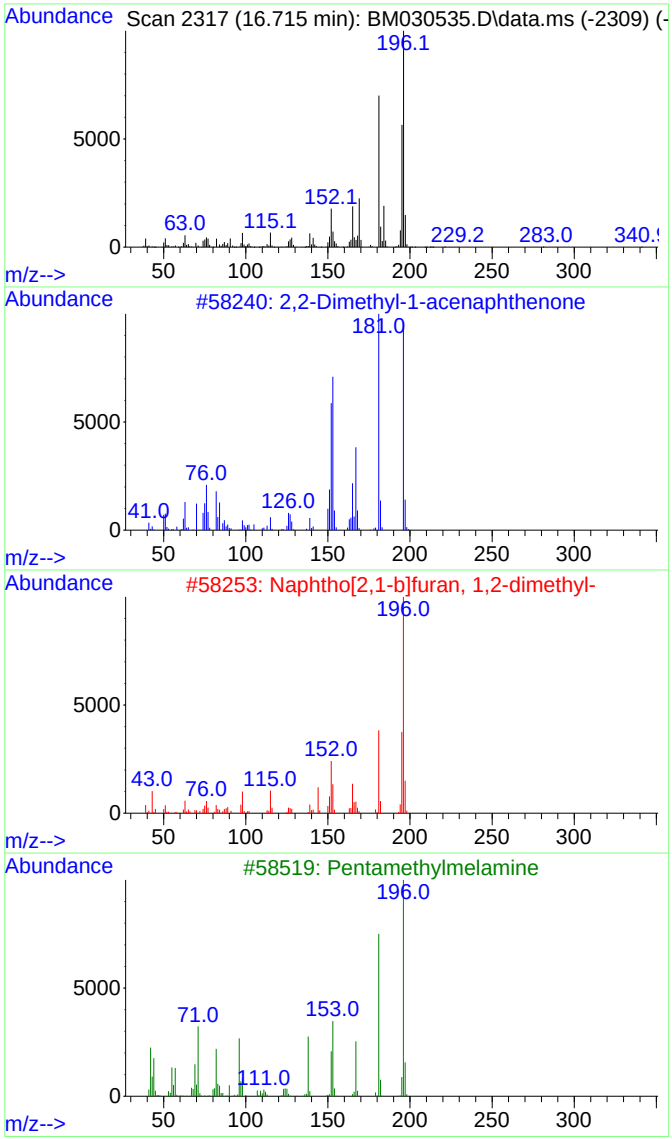
Quant Title : SVOA CALIBRATION

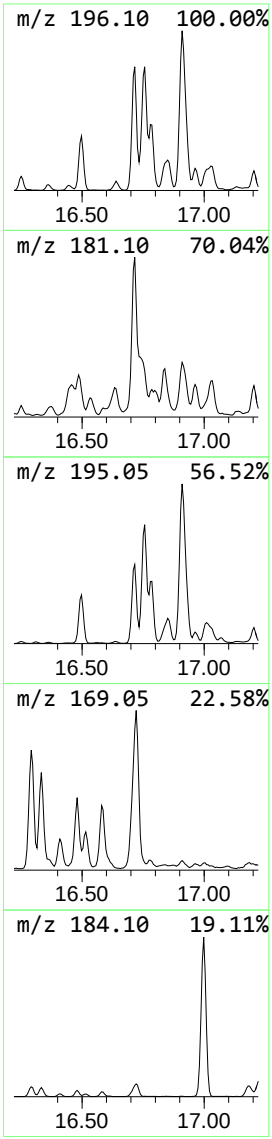
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,2-Dimethyl-1-acenaphthenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.720	31.43 ng/ul	2911490	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	78
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	49
4	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	46
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	46





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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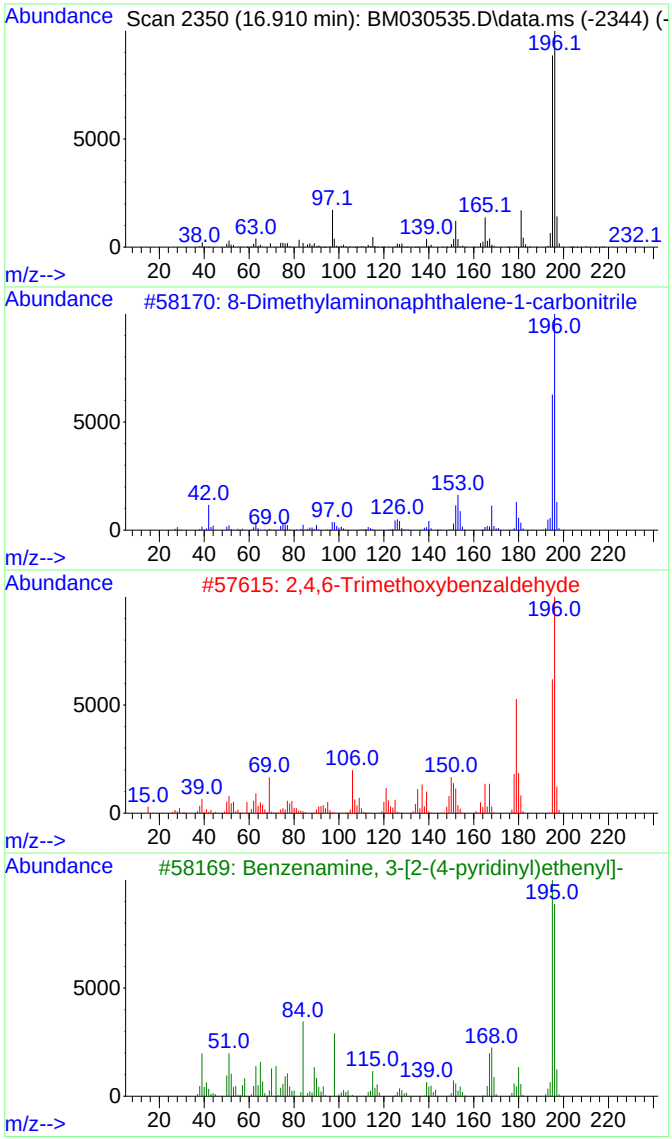
Quant Title : SVOA CALIBRATION

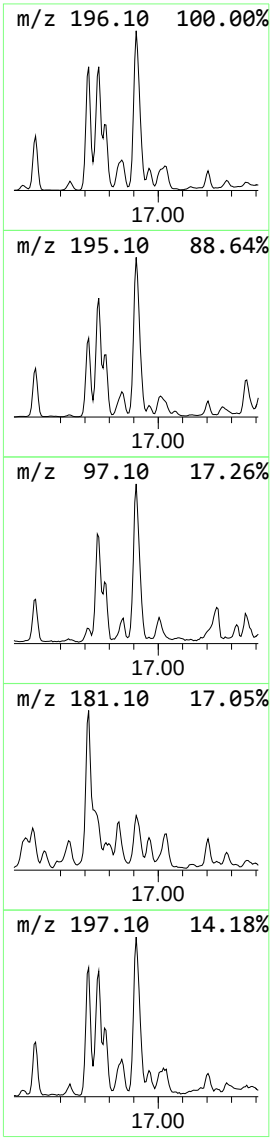
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 8-Dimethylaminonaphthalene-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	33.62 ng/ul	3113870	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
3	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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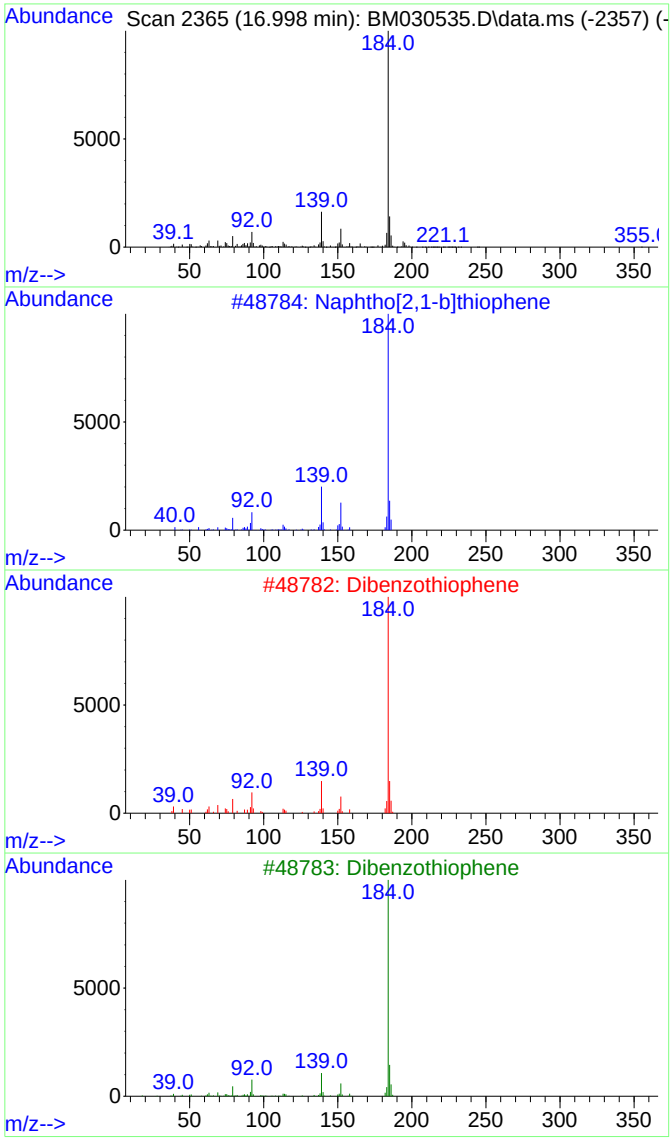
Quant Title : SVOA CALIBRATION

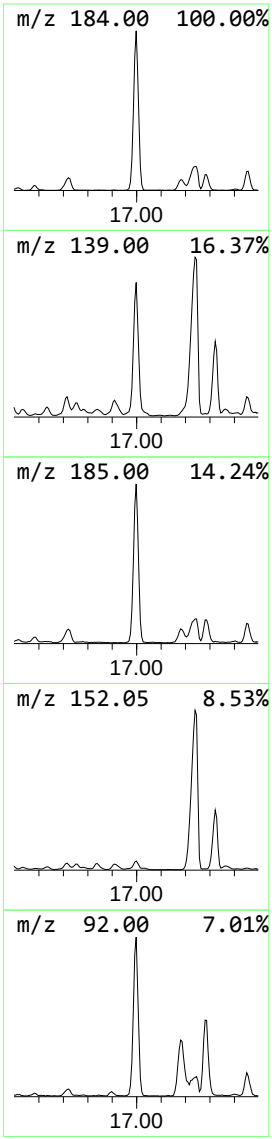
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.000	41.24 ng/ul	3820180	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Instrument : BNA_M
ClientSampleId : BGDF4

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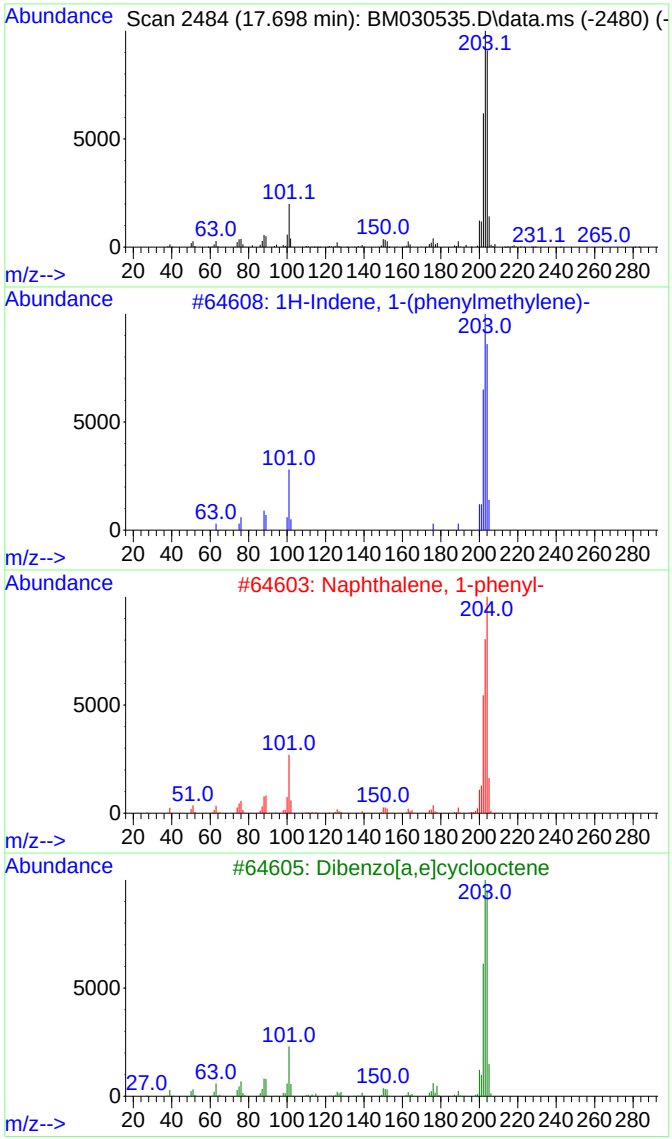
Quant Title : SVOA CALIBRATION

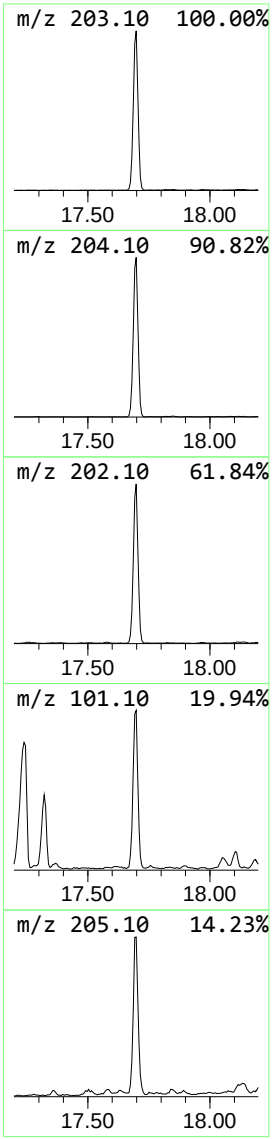
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 1-(phenylmethyle... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.700	23.28 ng/ul	2156350	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	76
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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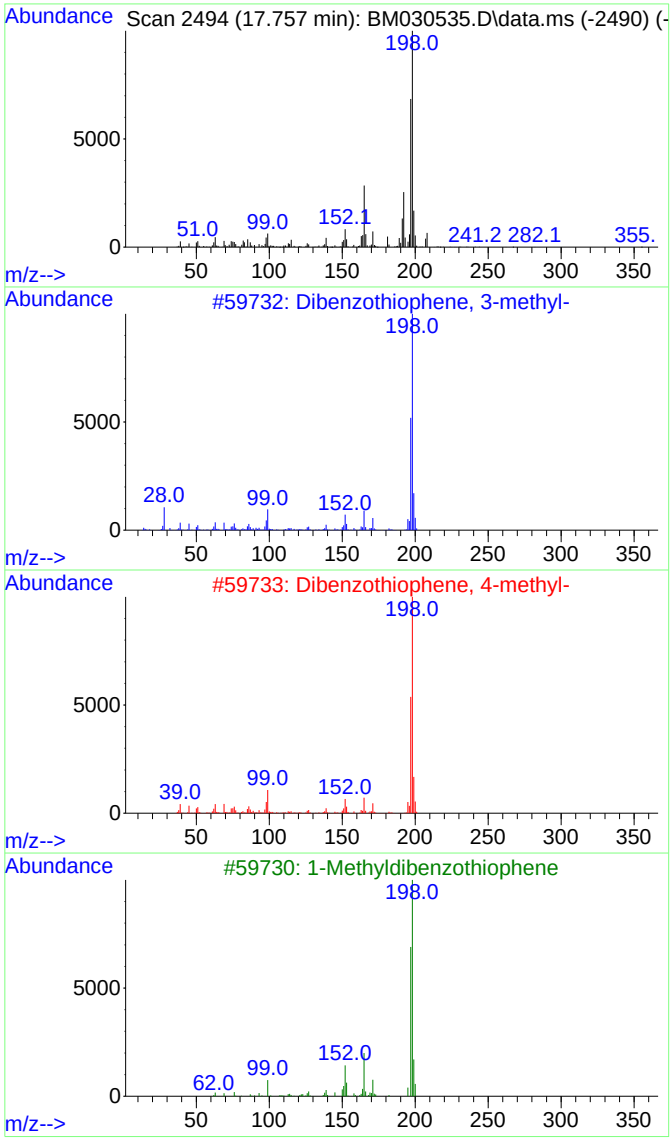
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

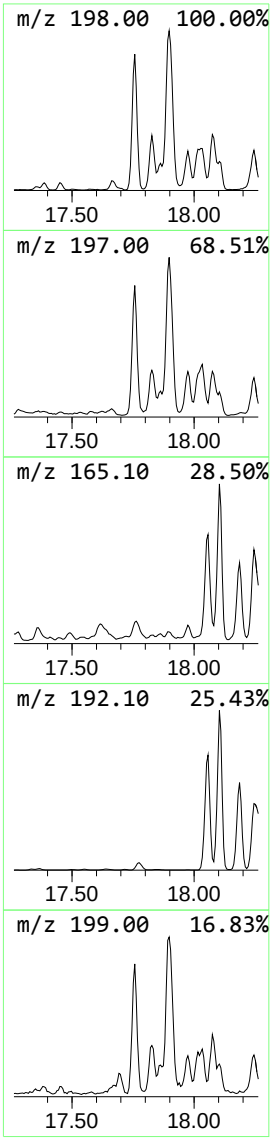
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dibenzothiophene, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.760	19.00 ng/ul	1760020	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	86
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	58
4	1-Cyclopentylethanol, bromomethy...	264	C10H21BrOSi	1000376-03-0	53
5	Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	52





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

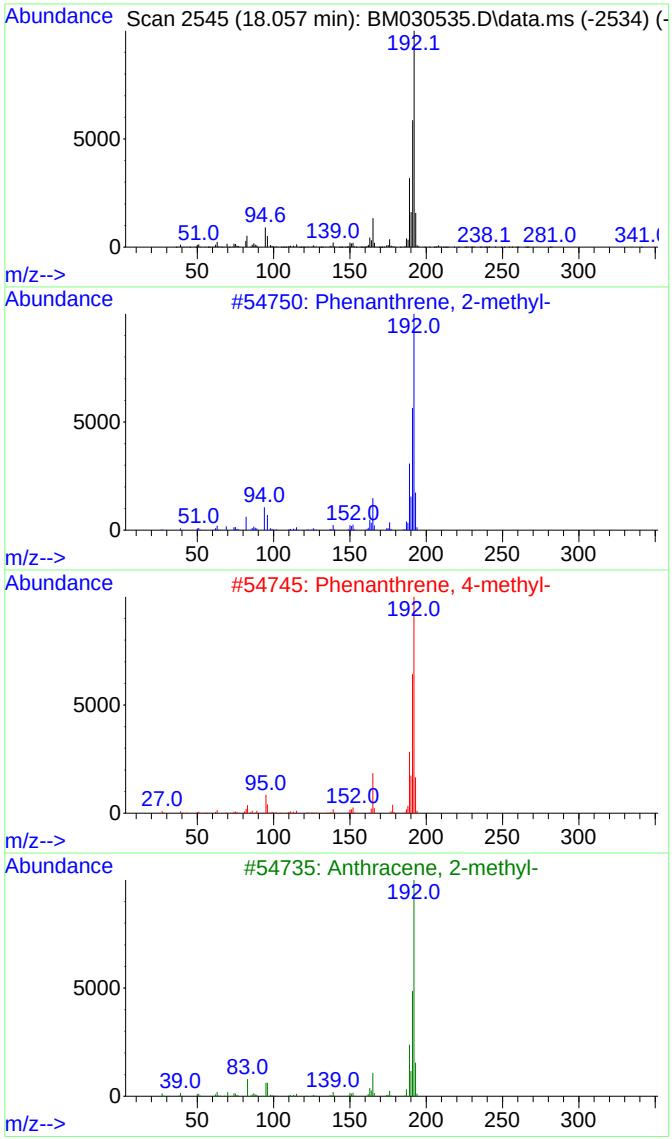
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

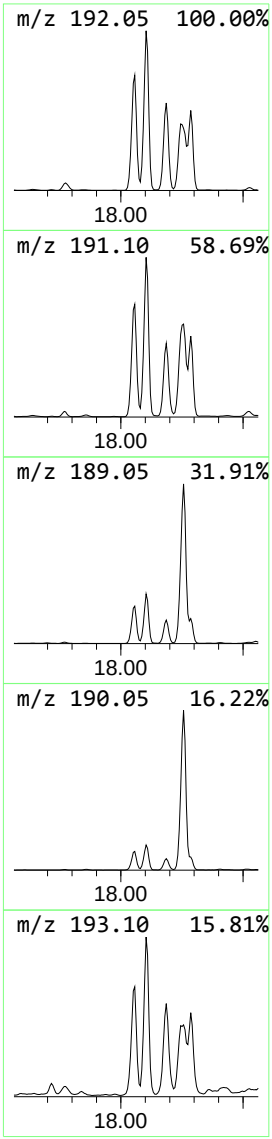
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	114.21 ng/ul	10579600	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

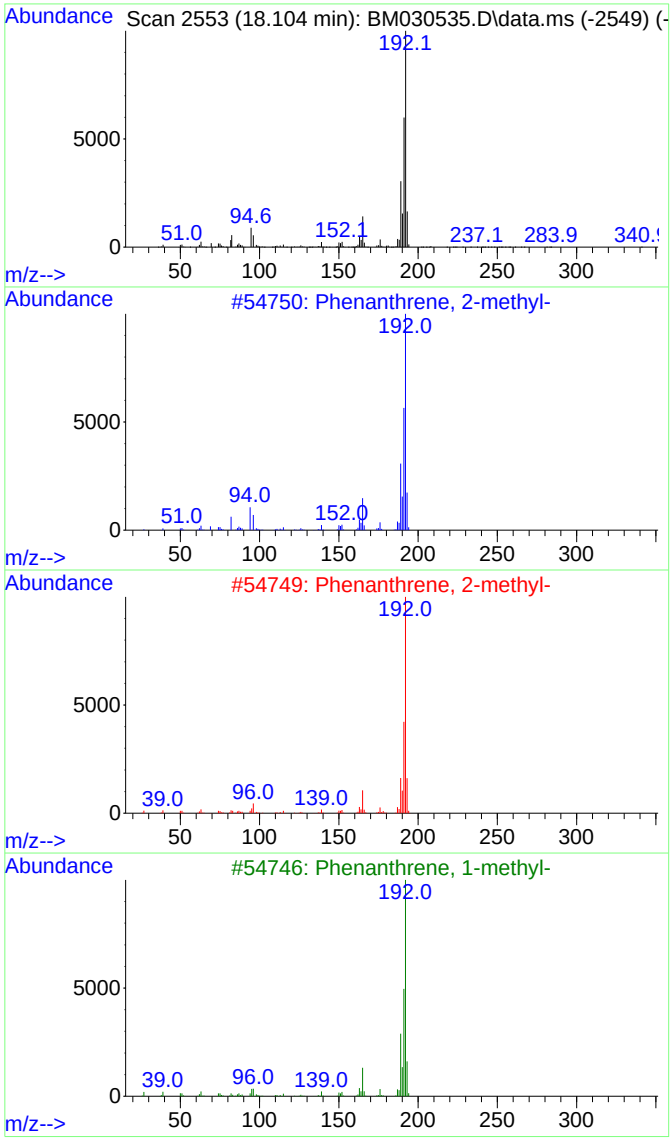
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

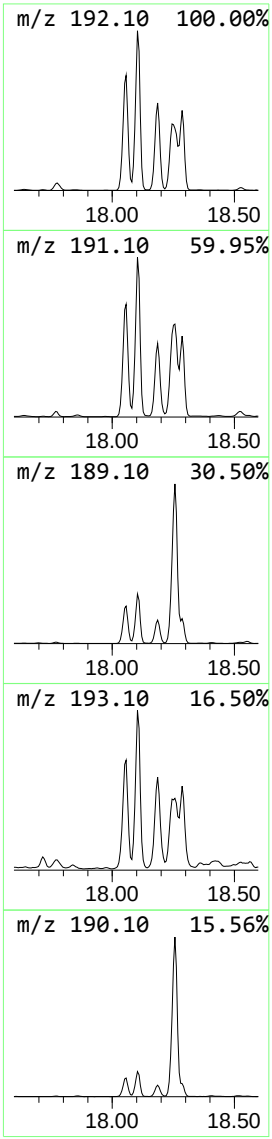
****

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	138.74 ng/ul	12851800	Phenanthrene-d10	17.180

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	96





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Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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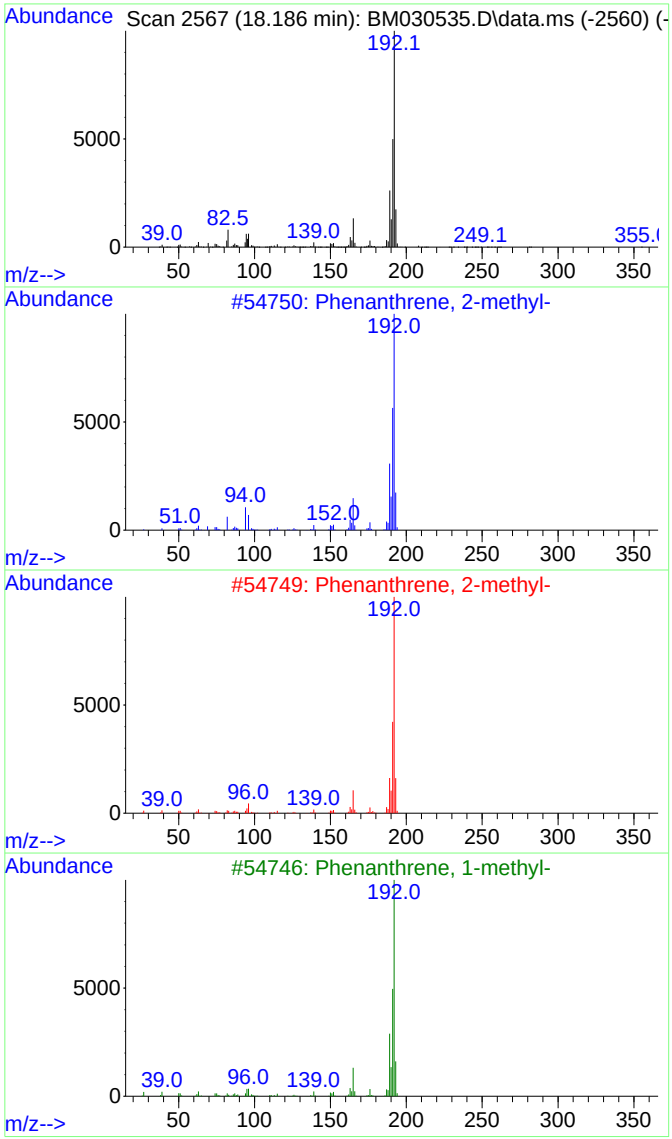
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

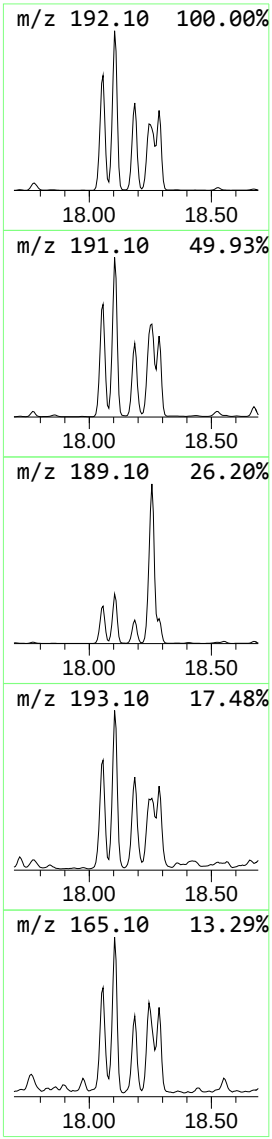
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	78.42 ng/ul	7264180	Phenanthrene-d10	17.180

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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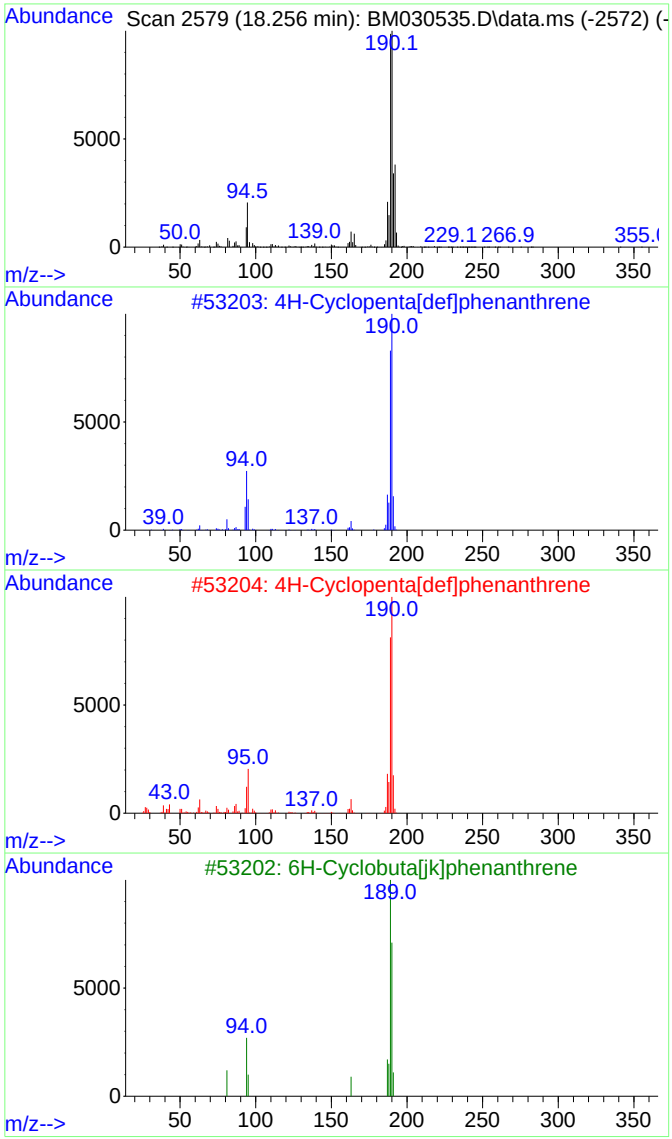
Quant Title : SVOA CALIBRATION

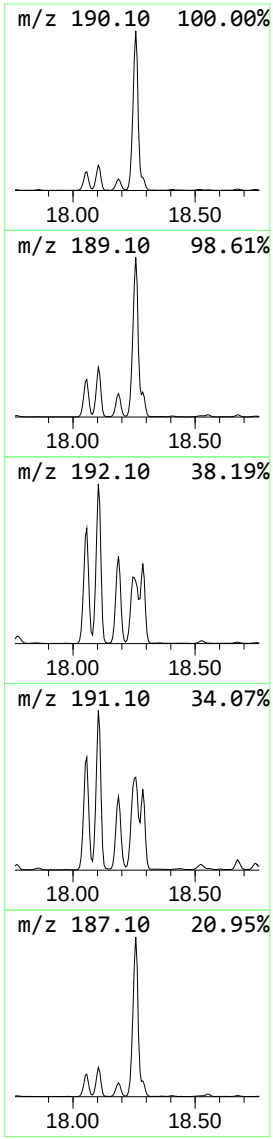
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.260	222.15 ng/ul	20578000	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50





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Quant Title : SVOA CALIBRATION

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

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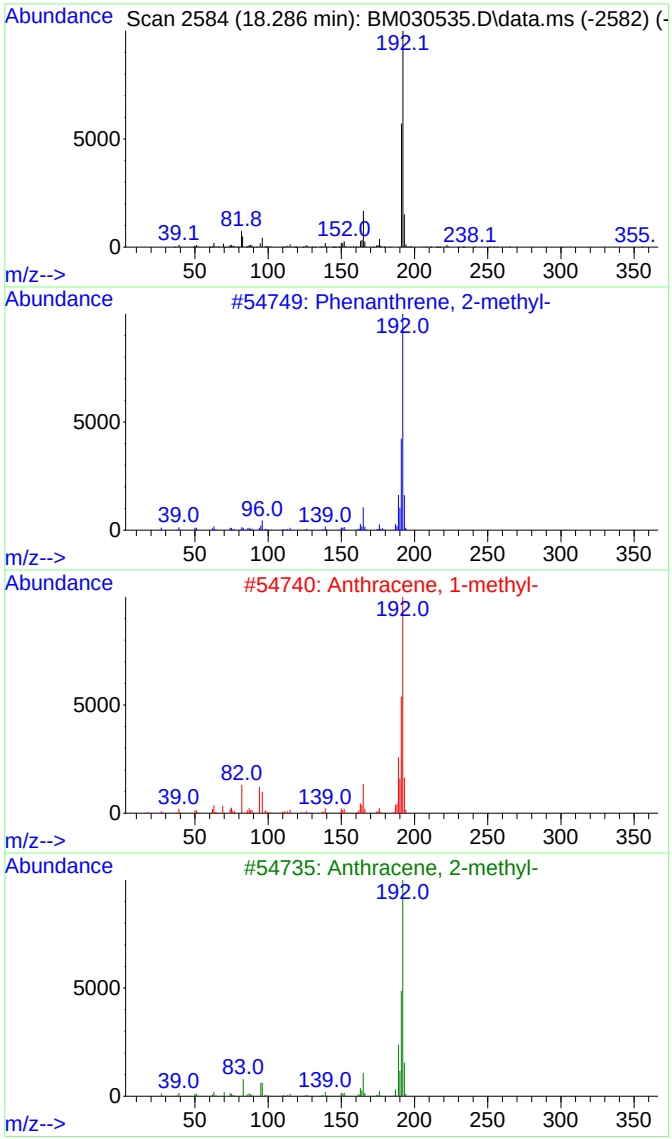
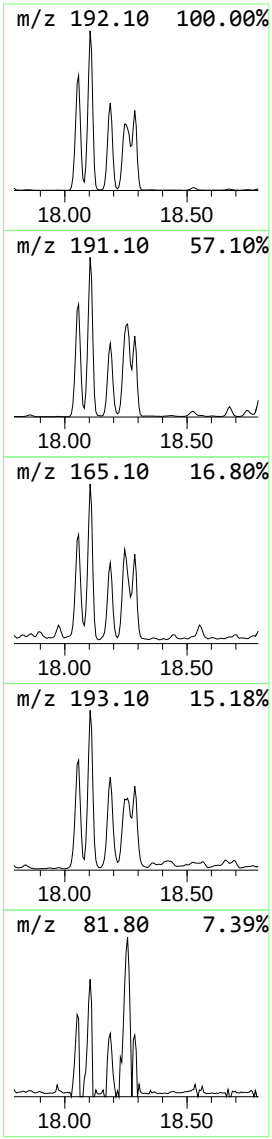
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.290	57.46 ng/ul	5323030	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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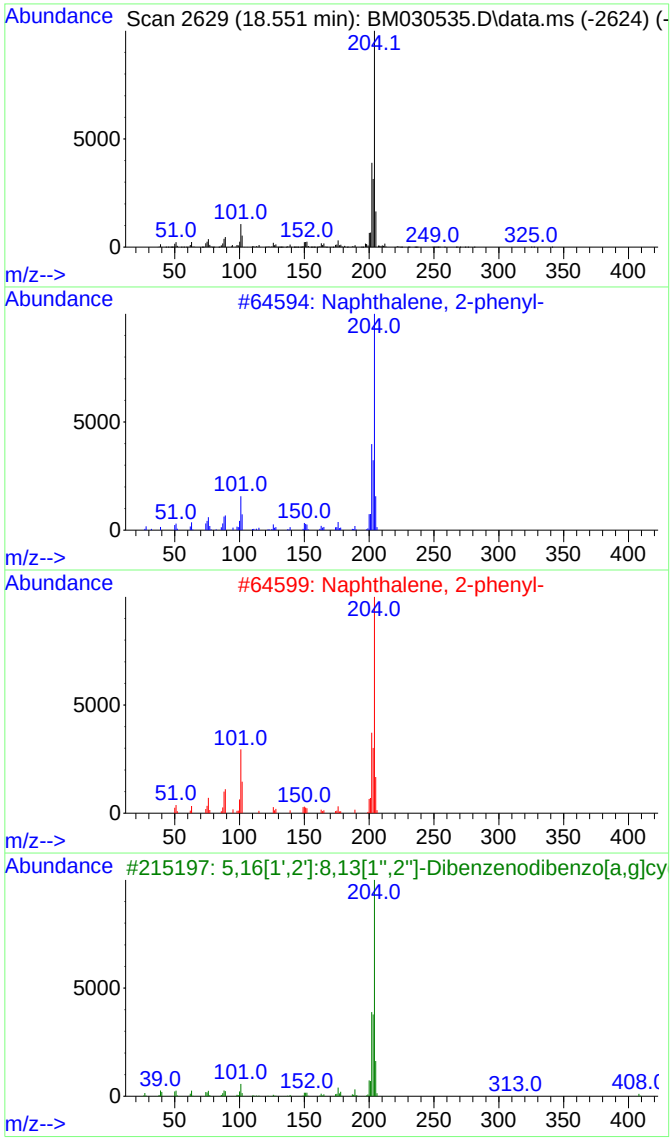
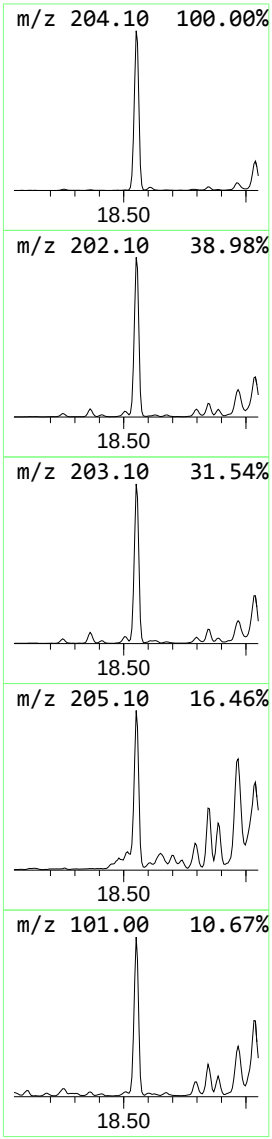
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	80.29 ng/ul	7437730	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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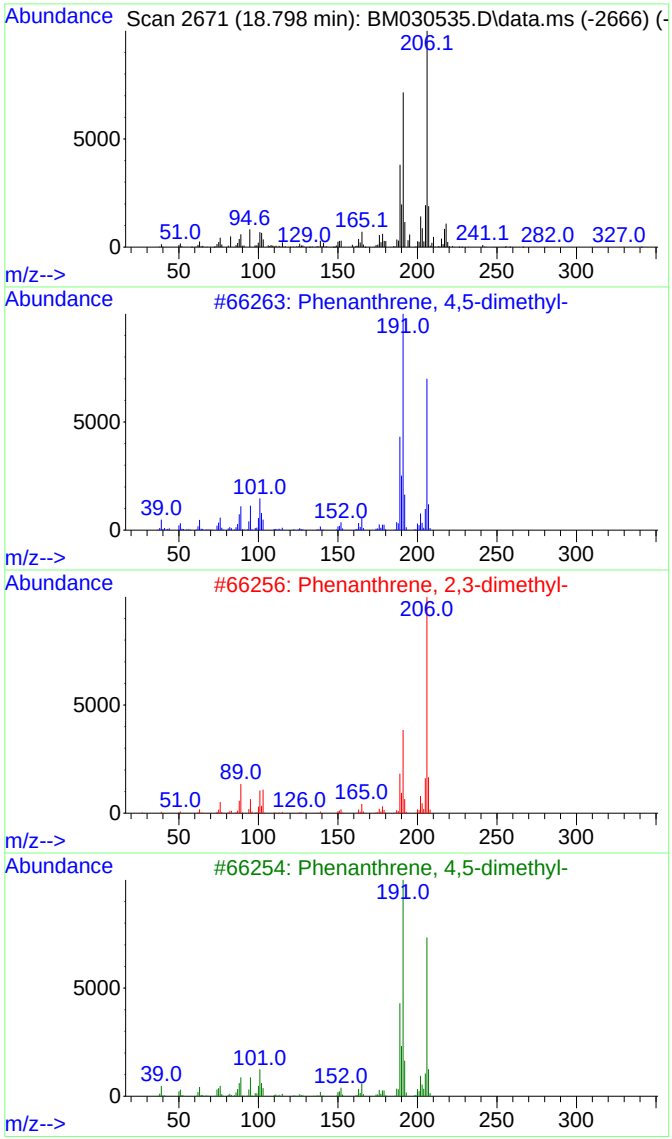
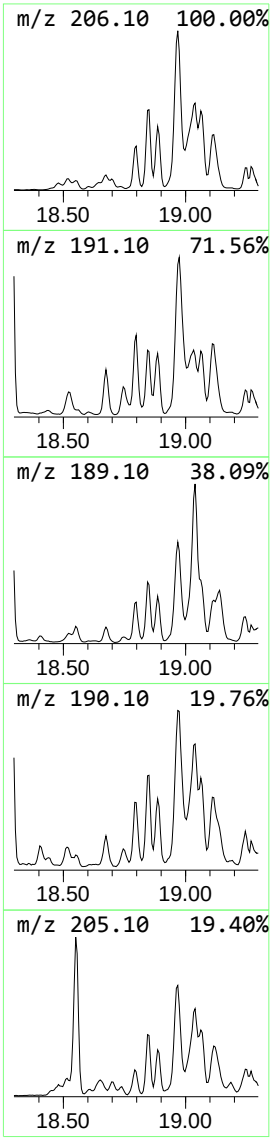
Peak Number 21 Phenanthrene, 4,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	15.68 ng/ul	1452620	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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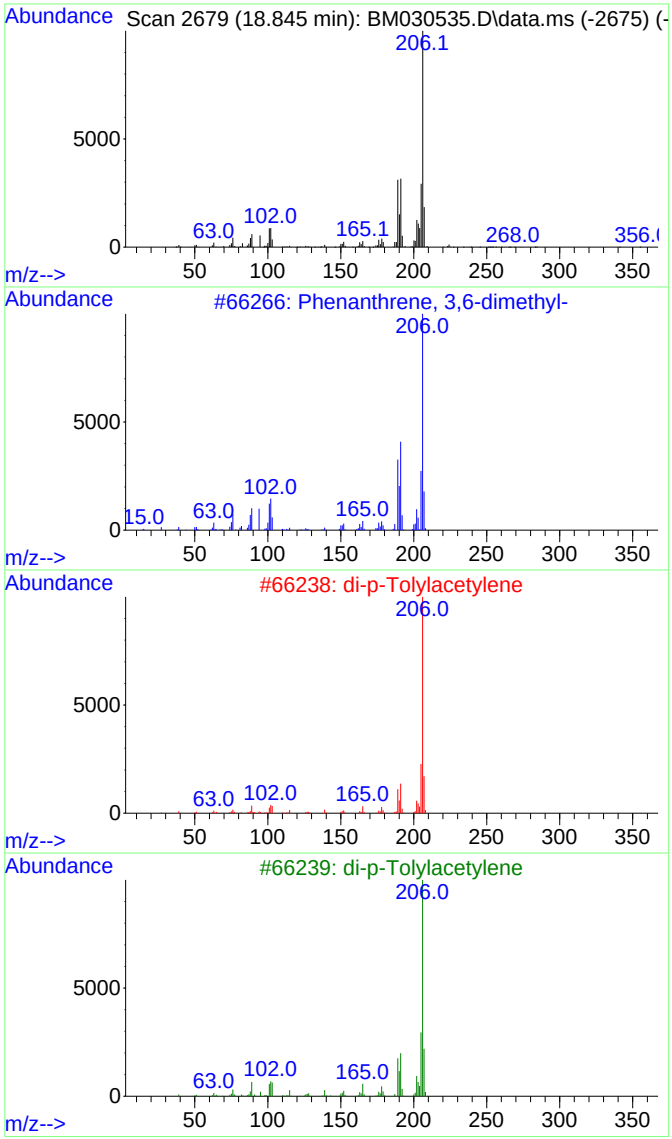
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

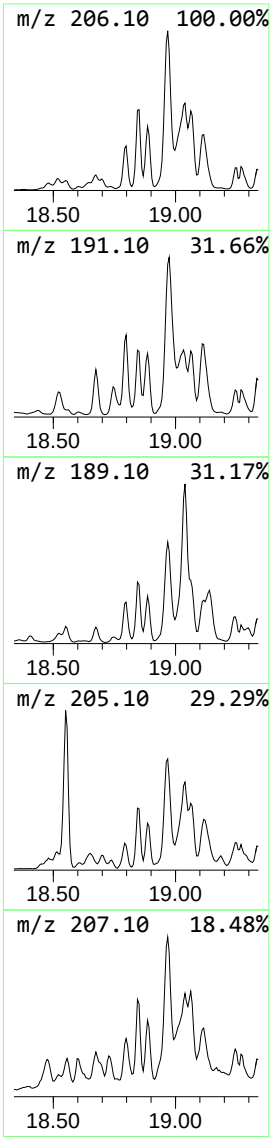
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.840	18.92 ng/ul	1752770	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4

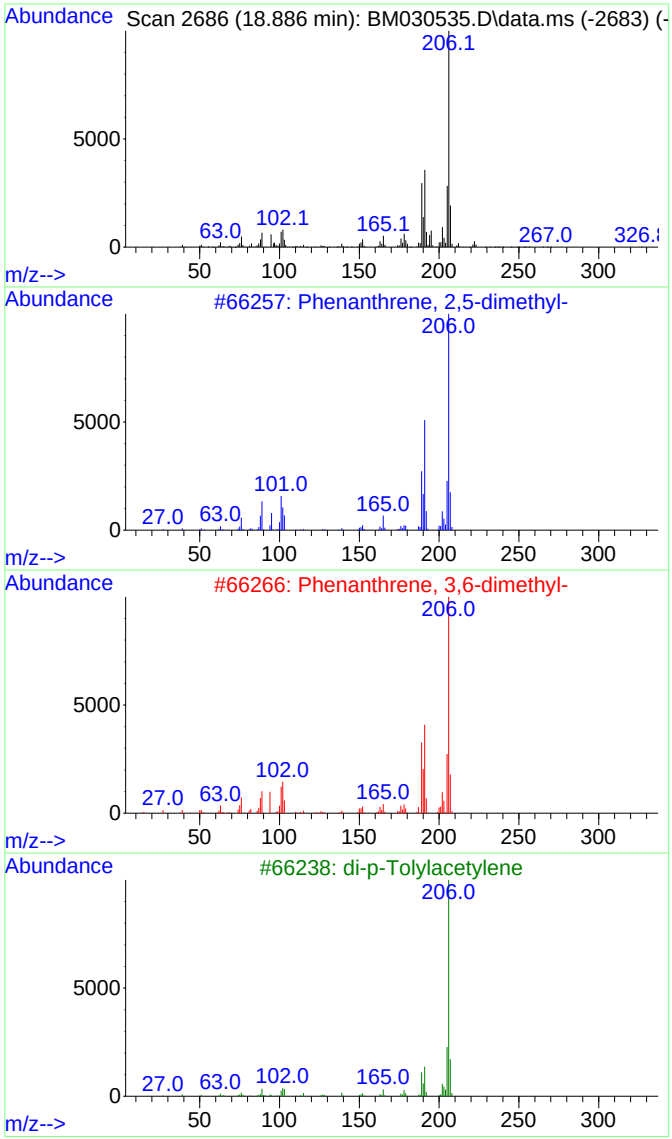
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

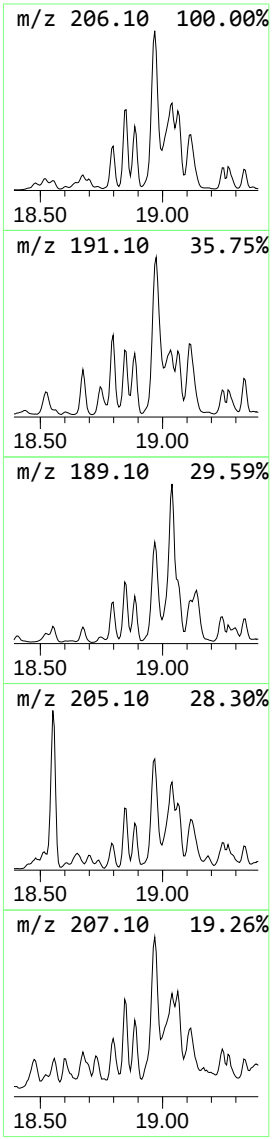
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.890	19.04 ng/ul	1763720	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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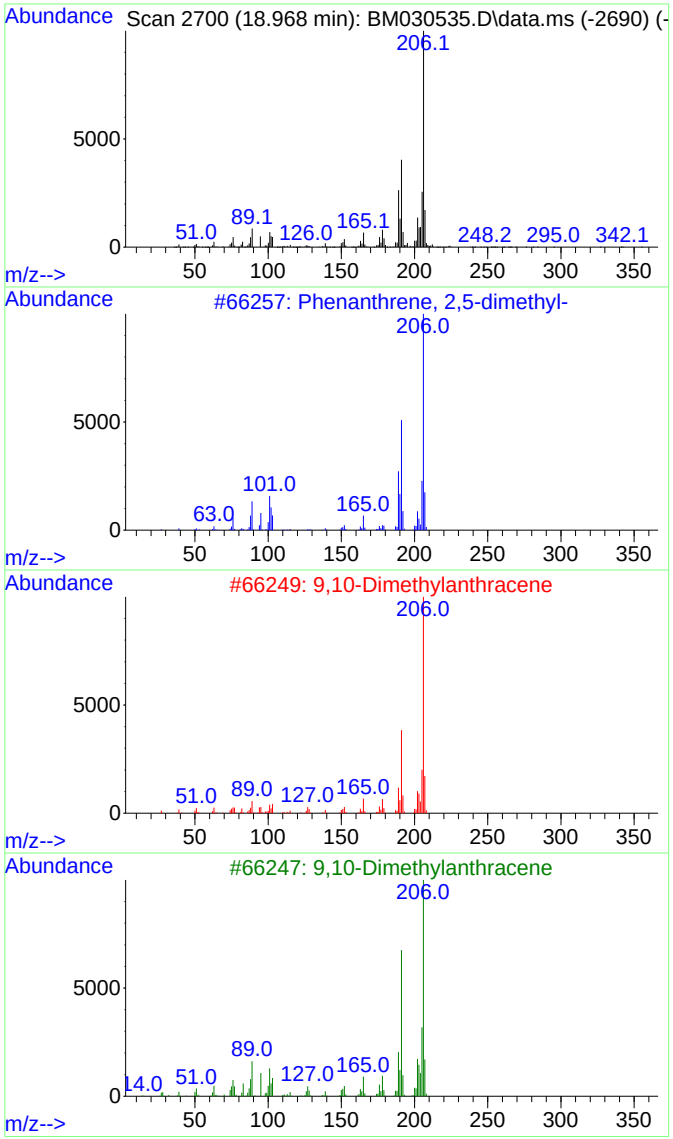
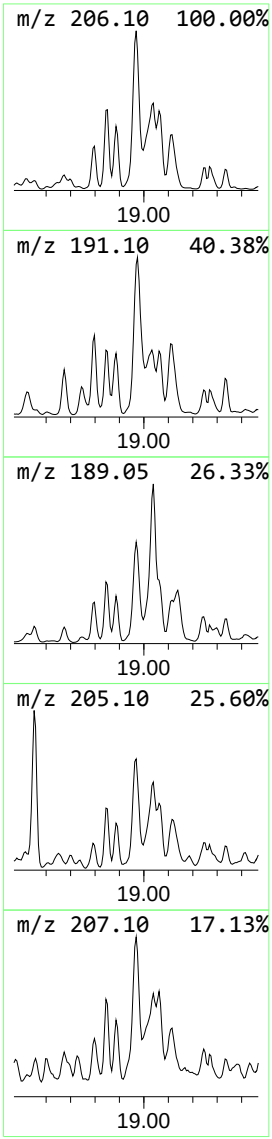
Peak Number 24 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	79.21 ng/ul	7337700	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGDF4

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Quant Title : SVOA CALIBRATION

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

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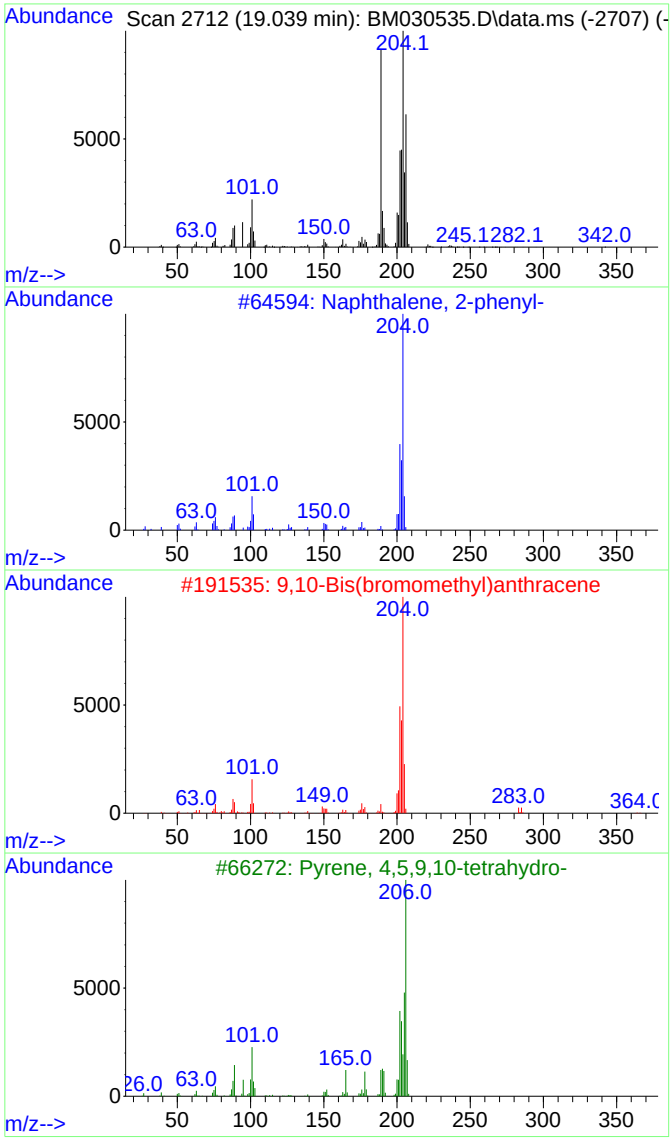
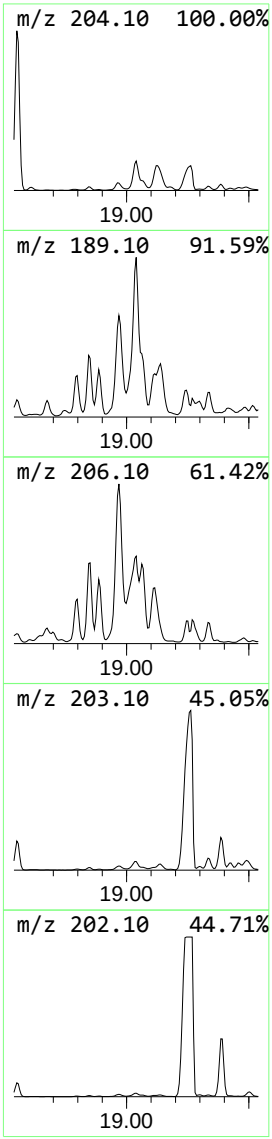
Peak Number 25 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.040	29.62 ng/ul	2743430	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	45
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	38





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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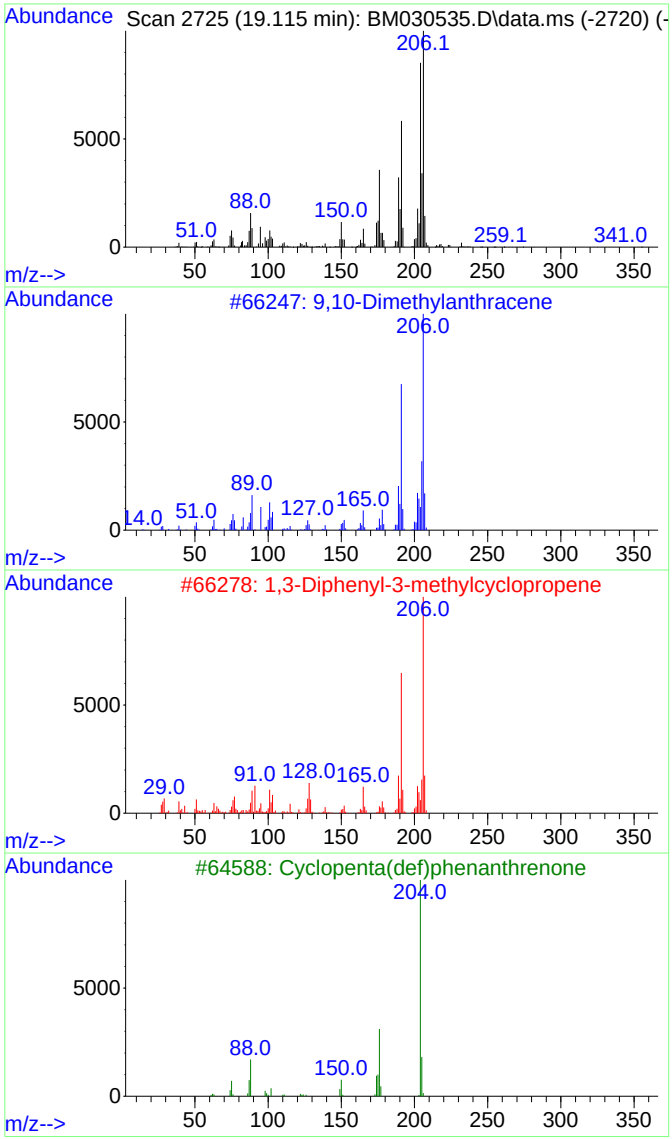
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

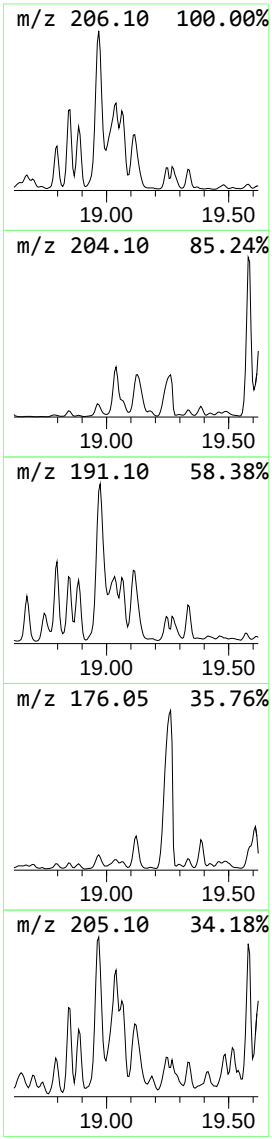
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,3-Diphenyl-3-methylcyclop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.120	47.44 ng/ul	4394230	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	70





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 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

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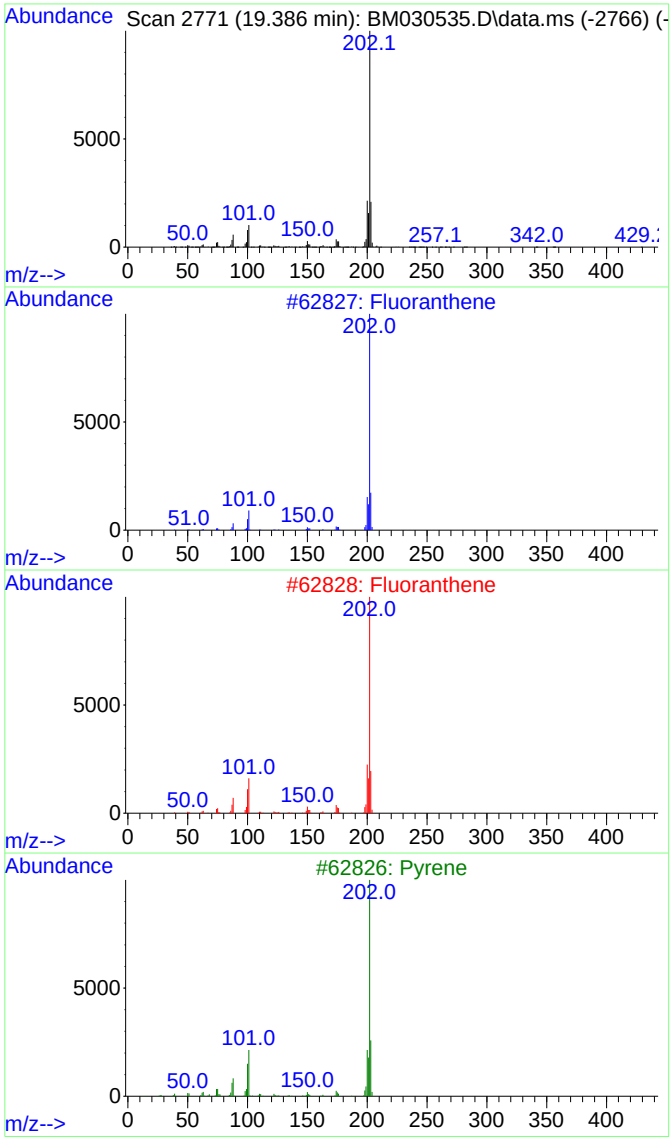
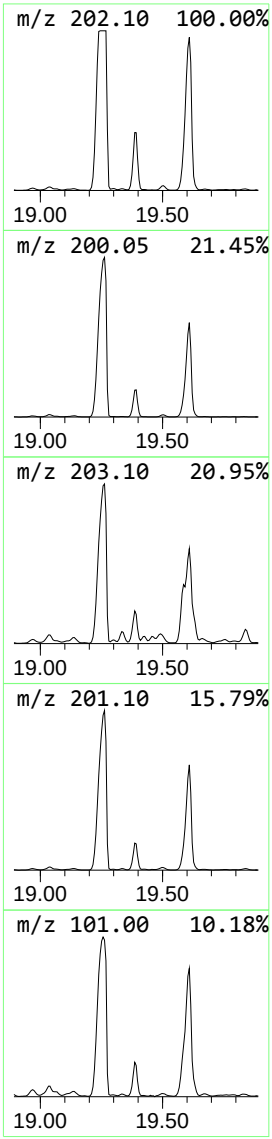
Peak Number 27 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.390	3.01 ng/ul	9242420	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	95
4	Pyrene	202	C16H10	000129-00-0	87
5	Pyrene	202	C16H10	000129-00-0	83





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGDF4

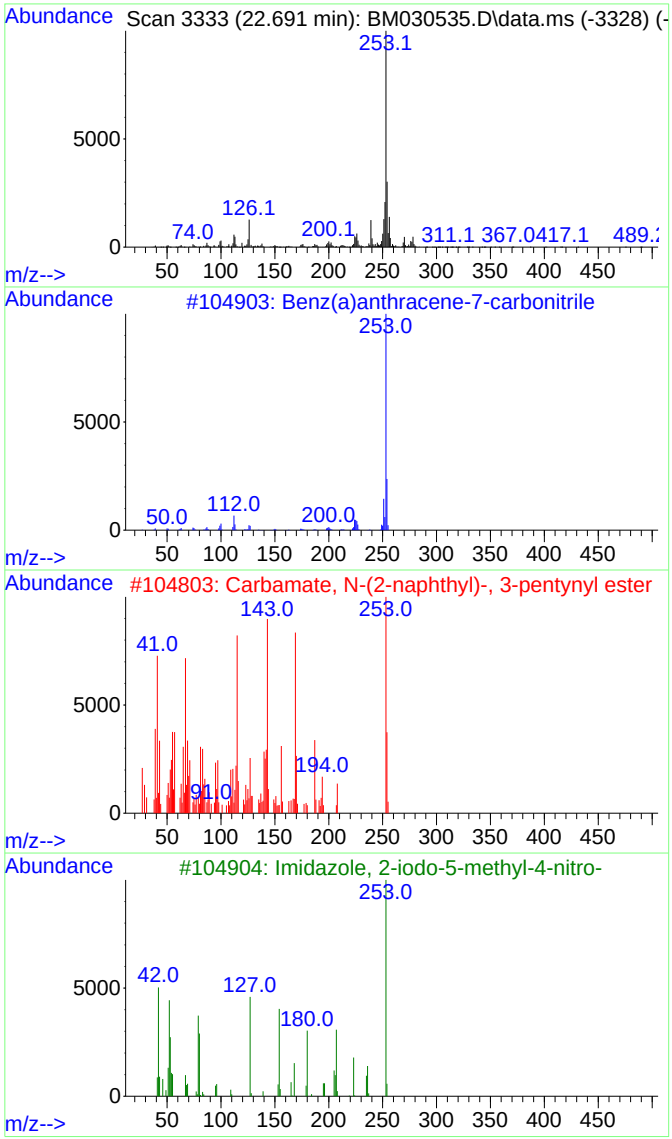
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

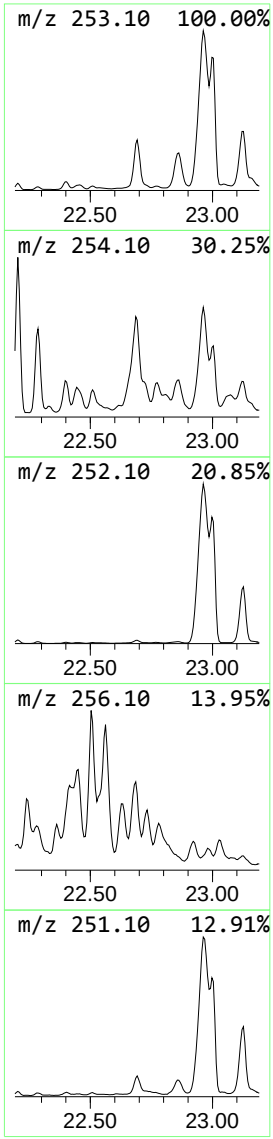
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benz(a)anthracene-7-carboni... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.690	42.29 ng/ul	3970440	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	92
2	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	46
3	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	43
4	2H-1,4-Benzothiazin-2-acetic aci...	253	C11H11NO2S2	002832-88-4	38
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	30





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Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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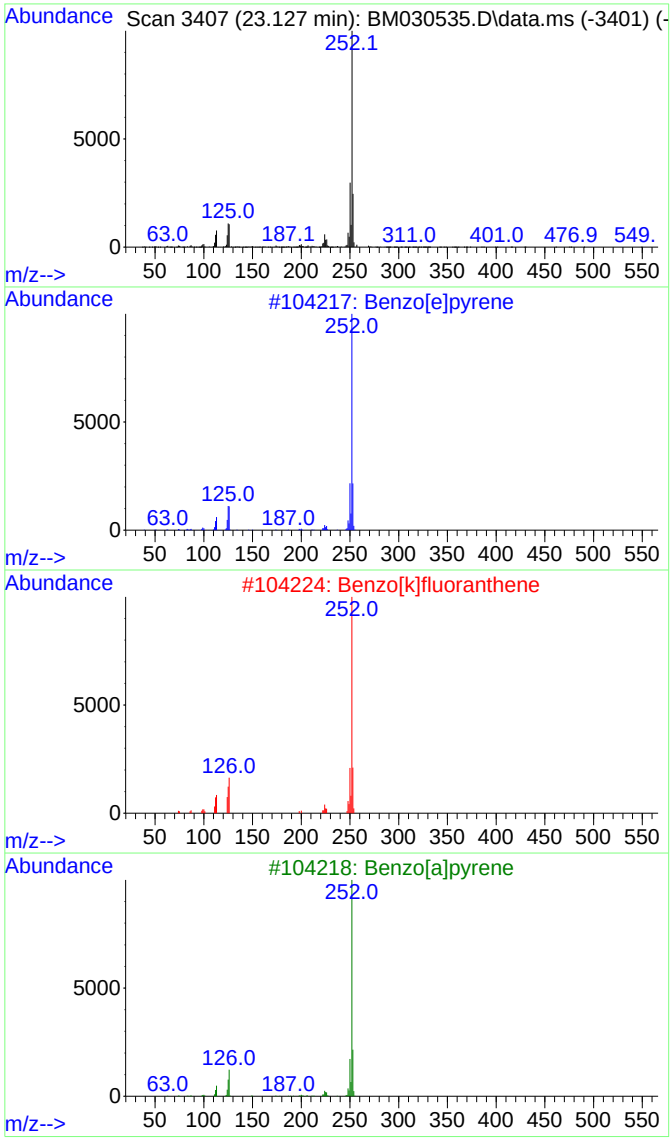
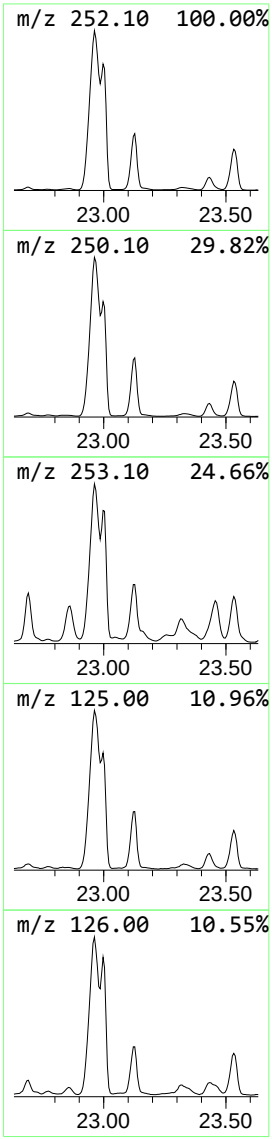
Peak Number 38 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.130	126.50 ng/ul	11876400	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





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Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

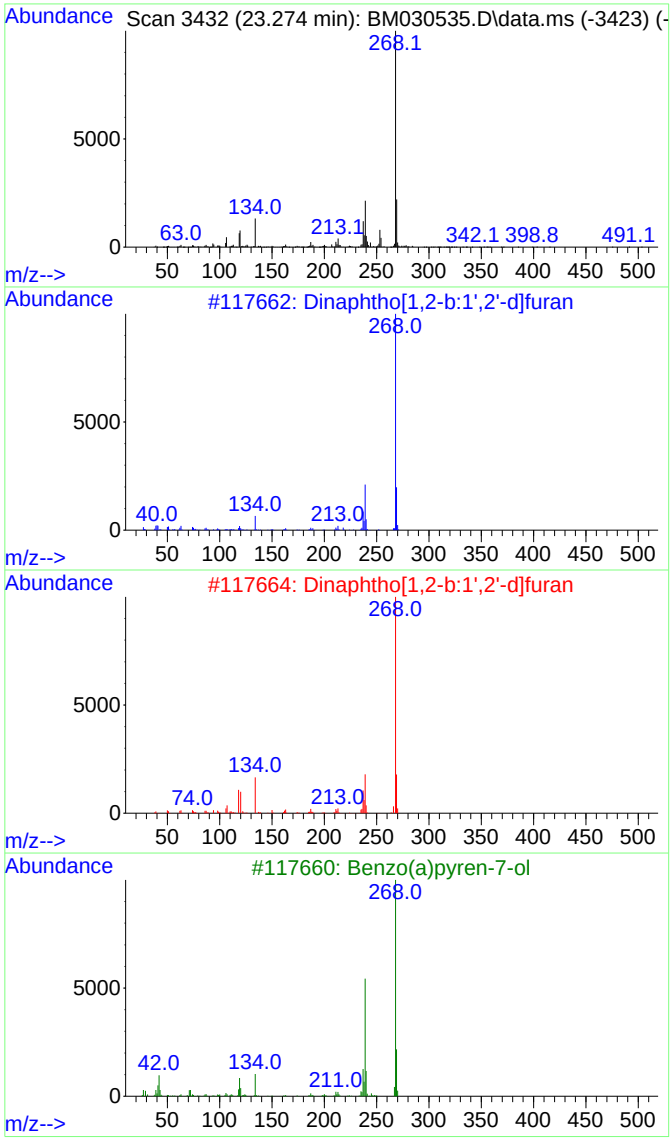
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

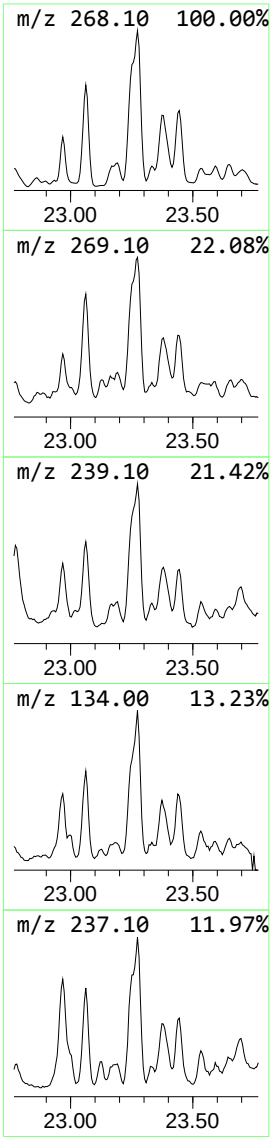
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.270	53.97 ng/ul	5067400	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	59
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	59





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Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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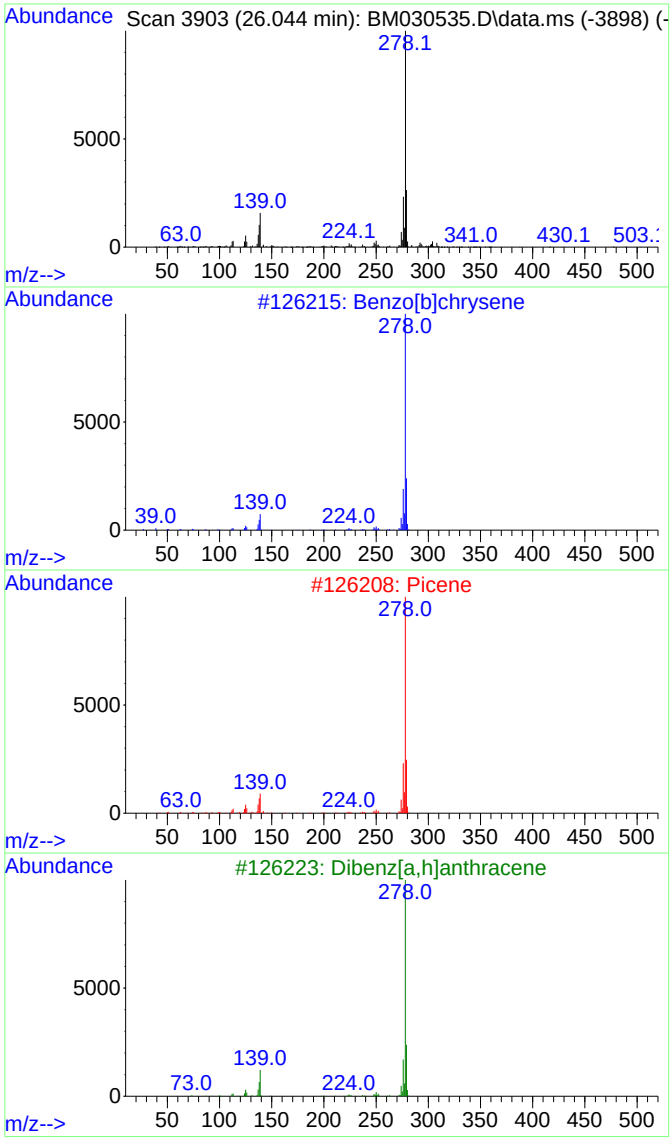
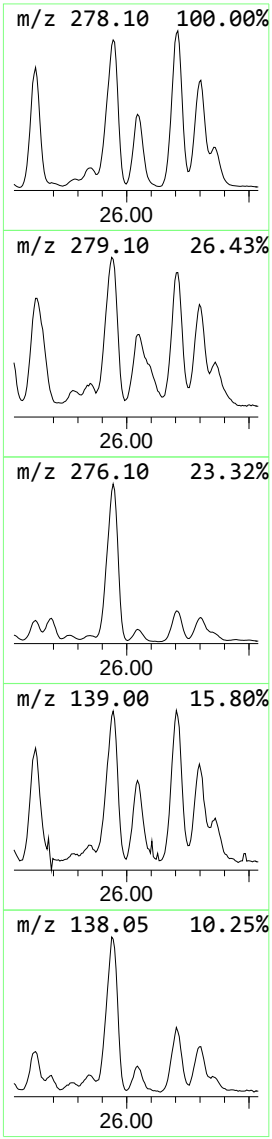
Peak Number 40 Benzo[b]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.040	23.56 ng/ul	2211930	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	98
2	Picene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
5	Pentaphene	278	C22H14	000222-93-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030535.D
Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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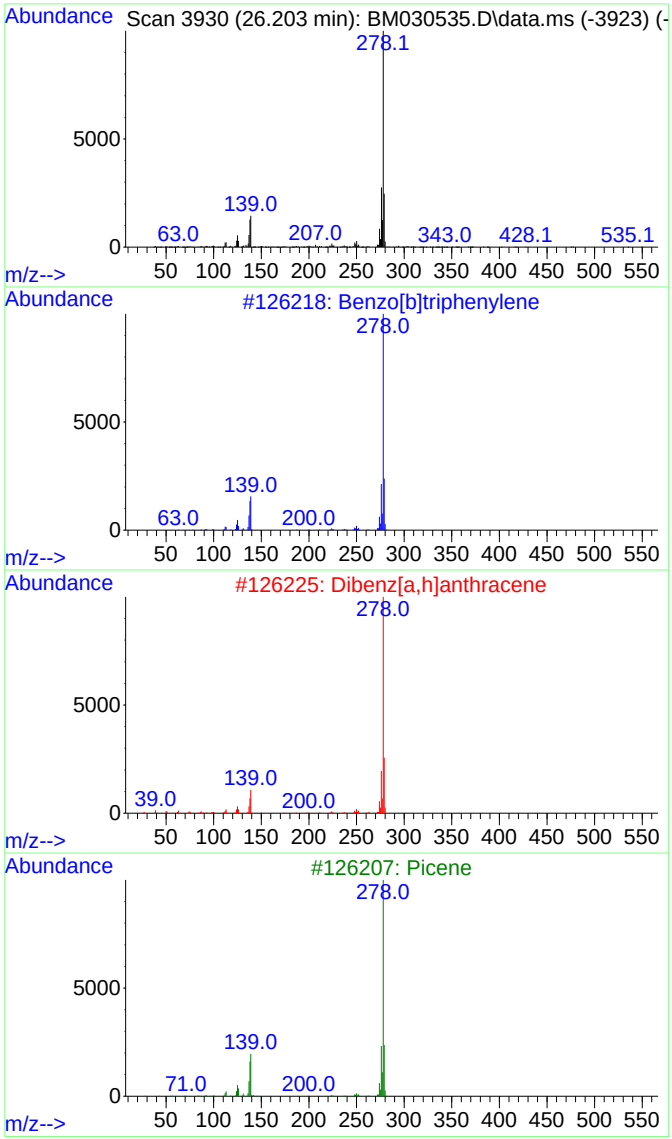
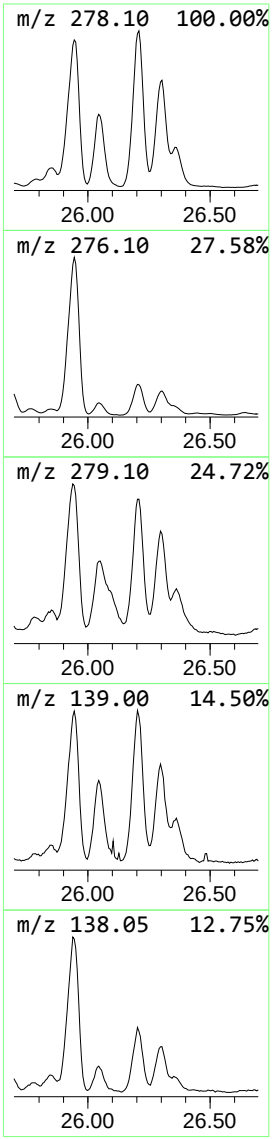
Peak Number 41 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.200	49.36 ng/ul	4633940	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Picene	278	C22H14	000213-46-7	98
4	Picene	278	C22H14	000213-46-7	98
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030535.D
Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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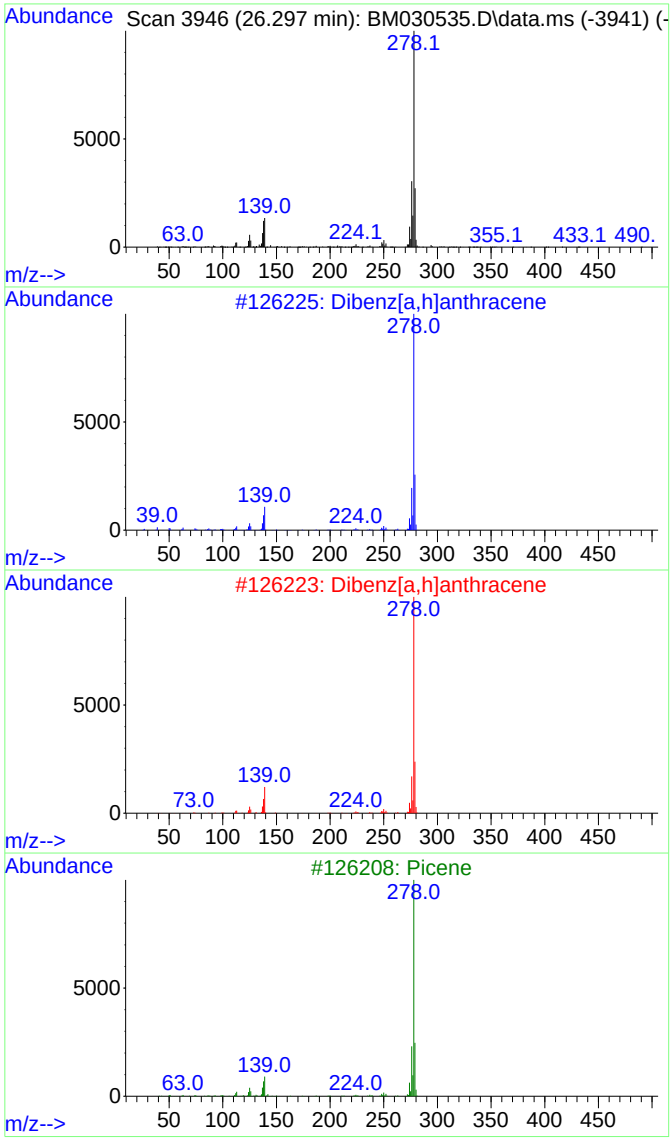
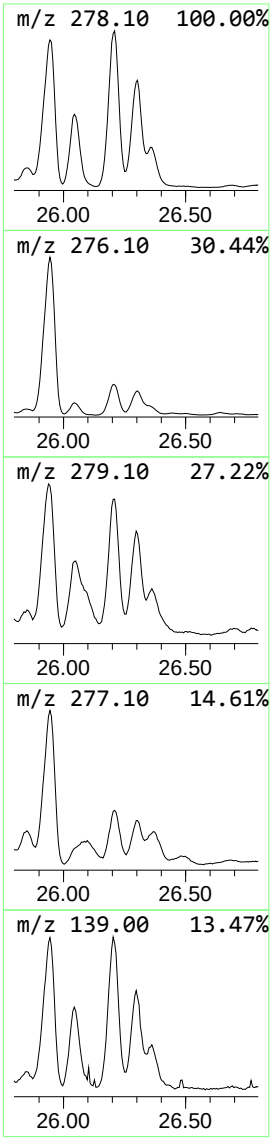
Peak Number 42 Picene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.300	22.14 ng/ul	2078960	Perylene-d12	23.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Picene	278	C22H14	000213-46-7	98
4	Benzo[b]chrysene	278	C22H14	000214-17-5	97
5	Picene	278	C22H14	000213-46-7	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030535.D
Acq On : 23 Jun 2021 03:48
Operator : CG/JU
Sample : M2662-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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
Naphthalene, 1,...	15.050	14.8	ng/ul	1591430	3	14.439	2146770	20.0
[1,1'-Biphenyl]...	15.780	39.1	ng/ul	4199720	3	14.439	2146770	20.0
2,4,6-Cyclohept...	15.930	69.6	ng/ul	6444350	4	17.180	1852660	20.0
1,4,5,8-Tetrame...	16.160	14.4	ng/ul	1329690	4	17.180	1852660	20.0
9H-Fluorene, 1-...	16.490	45.0	ng/ul	4165390	4	17.180	1852660	20.0
9H-Fluorene, 2-...	16.630	16.4	ng/ul	1523670	4	17.180	1852660	20.0
2,2-Dimethyl-1-...	16.720	31.4	ng/ul	2911490	4	17.180	1852660	20.0
8-Dimethylamino...	16.910	33.6	ng/ul	3113870	4	17.180	1852660	20.0
Naphtho[2,1-b]t...	17.000	41.2	ng/ul	3820180	4	17.180	1852660	20.0
1H-Indene, 1-(p...	17.700	23.3	ng/ul	2156350	4	17.180	1852660	20.0
Dibenzothiophen...	17.760	19.0	ng/ul	1760020	4	17.180	1852660	20.0
Phenanthrene, 2...	18.060	114.2	ng/ul	10579600	4	17.180	1852660	20.0
Phenanthrene, 1...	18.100	138.7	ng/ul	12851800	4	17.180	1852660	20.0
1H-Cyclopropa[1...	18.190	78.4	ng/ul	7264180	4	17.180	1852660	20.0
4H-Cyclopenta[d...	18.260	222.2	ng/ul	20578000	4	17.180	1852660	20.0
Anthracene, 1-m...	18.290	57.5	ng/ul	5323030	4	17.180	1852660	20.0
Naphthalene, 2-...	18.550	80.3	ng/ul	7437730	4	17.180	1852660	20.0
Phenanthrene, 4...	18.800	15.7	ng/ul	1452620	4	17.180	1852660	20.0
Phenanthrene, 3...	18.840	18.9	ng/ul	1752770	4	17.180	1852660	20.0
Phenanthrene, 2...	18.890	19.0	ng/ul	1763720	4	17.180	1852660	20.0
9,10-Dimethylan...	18.970	79.2	ng/ul	7337700	4	17.180	1852660	20.0
unknown-01	19.040	29.6	ng/ul	2743430	4	17.180	1852660	20.0
1,3-Diphenyl-3-...	19.120	47.4	ng/ul	4394230	4	17.180	1852660	20.0
unknown-02	19.390	3.0	ng/ul	9242420	5	21.362	61408500	20.0
Benz(a)anthrace...	22.690	42.3	ng/ul	3970440	6	23.627	1877730	20.0
Benzo[e]pyrene	23.130	126.5	ng/ul	11876400	6	23.627	1877730	20.0
Dinaphtho[1,2-b...	23.270	54.0	ng/ul	5067400	6	23.627	1877730	20.0
Benzo[b]chrysene	26.040	23.6	ng/ul	2211930	6	23.627	1877730	20.0
Benzo[b]triphen...	26.200	49.4	ng/ul	4633940	6	23.627	1877730	20.0
Picene	26.300	22.1	ng/ul	2078960	6	23.627	1877730	20.0