LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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: BM030552.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.717	104	107	117	rBV	69894	149761	2.19%	0.207%
2	5.458	397	403	412	rBV	92614	194972	2.85%	0.269%
3	6.969	652	660	669	rBV	245034	428170	6.26%	0.592%
4	7.140	683	689	702	rBV	193563	320575	4.69%	0.443%
5	7.340	716	723	733	rVB	266508	434725	6.36%	0.601%
6	7.805	794	802	810	rVB	697156	1105896	16.17%	1.528%
7	8.505	911	921	930	rBV	295395	515131	7.53%	0.712%
8	8.963	992	999	1006	rVV	223494	389470	5.70%	0.538%
9	9.681	1114	1121	1135	rBV	176479	316064	4.62%	0.437%
10	10.216	1204	1212	1230	rBV	283344	506429	7.41%	0.700%
11	10.593	1265	1276	1282	rBV	951521	1624028	23.75%	2.244%
12	10.734	1291	1300	1310	rBV	202474	398294	5.82%	0.550%
13	13.598	1780	1787	1788	rBV	67668	101288	1.48%	0.140%
14	13.757	1803	1814	1819	rBV	149044	271900	3.98%	0.376%
15	13.845	1824	1829	1834	rVV	530096	779266	11.39%	1.077%
16	13.992	1846	1854	1857	rVV2	75451	126913	1.86%	0.175%
17	14.128	1870	1877	1880	rBV	587178	911244	13.32%	1.259%
18	14.434	1919	1929	1936	rBV	1476067	2245573	32.84%	3.103%
19	14.498	1936	1940	1948	rVV2	157751	273398	4.00%	0.378%
20	14.645	1959	1965	1974	rBV2	72150	169766	2.48%	0.235%
21	14.834	1985	1997	2005	rVV	315871	567573	8.30%	0.784%
22	14.910	2005	2010	2015	rVV	110516	158416	2.32%	0.219%
23	15.051	2025	2034	2039	rBV2	96659	199011	2.91%	0.275%
24	15.104	2039	2043	2048	rVB	87611	117920	1.72%	0.163%
25	15.222	2055	2063	2066	rBV	77108	158018	2.31%	0.218%
26	15.304	2072	2077	2083	rVB2	55622	102041	1.49%	0.141%
27	15.428	2089	2098	2102	rVV	807378	1254645	18.35%	1.734%
28	15.481	2102	2107	2115	rVV	650905	1052320	15.39%	1.454%
29	15.551	2115	2119	2122	rVV	64179	112365	1.64%	0.155%
30	15.592	2122	2126	2131	rVV4	56015	140127	2.05%	0.194%
31	15.692	2138	2143	2147	rVV3	49018	97129	1.42%	0.134%
32	15.775	2152	2157	2163	rVV	281898	421814	6.17%	0.583%
33	15.845	2164	2169	2173	rVV	179558	220296	3.22%	0.304%
34	15.922	2173	2182	2190	rVB2	299614	679439	9.94%	0.939%
35	16.010	2190	2197	2202	rBV2	61386	106047	1.55%	0.147%
36	16.157	2215	2222	2233	rVB3	69426	149097	2.18%	0.206%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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	16.480	2269	2277	2282	rVV2	225601	468436	6.85%	0.647%
38	16.533	2282	2286	2291	rVV	92620	154136	2.25%	0.213%
39	16.628	2297	2302	2308	rVV	106208	184150	2.69%	0.254%
40	16.710	2308	2316	2320	rVV2	167093	306076	4.48%	0.423%
41	16.751	2320	2323	2326	rVV	152006	218863	3.20%	0.302%
42	16.780	2326	2328	2333	rVV2	68501	105812	1.55%	0.146%
43	16.833	2333	2337	2343	rVV4	91783	173264	2.53%	0.239%
44	16.904	2344	2349	2356	rVV2	167691	359394	5.26%	0.497%
45	16.992	2360	2364	2375	rVB	259244	433911	6.34%	0.600%
46	17.175	2388	2395	2398	rBV	1578357	2335916	34.16%	3.228%
47	17.216	2398	2402	2407	rVV	4447069	6198275	90.63%	8.565%
48	17.275	2407	2412	2414	rVV	745711	1124134	16.44%	1.553%
49	17.304	2414	2417	2423	rVV	1465835	2042846	29.87%	2.823%
50	17.363	2423	2427	2433	rVB2	87674	163974	2.40%	0.227%
51	17.610	2465	2469	2476	rVV5	80607	188819	2.76%	0.261%
52	17.692	2476	2483	2490	rVV3	107348	240215	3.51%	0.332%
53	17.757	2490	2494	2502	rVB4	56330	136053	1.99%	0.188%
54	18.045	2538	2543	2547	rBV	564732	828186	12.11%	1.144%
55	18.092	2547	2551	2558	rVB	750513	1119021	16.36%	1.546%
56	18.174	2560	2565	2570	rBV	431651	596923	8.73%	0.825%
57	18.245	2570	2577	2581	rVV2	937716	1692835	24.75%	2.339%
58	18.274	2581	2582	2590	rVV	352936	399200	5.84%	0.552%
59	18.492	2615	2619	2623	rBV	92828	147849	2.16%	0.204%
60	18.545	2624	2628	2632	rVV	414441	535688	7.83%	0.740%
61	18.792	2666	2670	2674	rBV	95764	119271	1.74%	0.165%
62	18.839	2675	2678	2682	rVB	109758	132613	1.94%	0.183%
63	18.880	2682	2685	2689	rVB	116983	149277	2.18%	0.206%
64	18.963	2693	2699	2703	rBV2	271805	526694	7.70%	0.728%
65	19.027	2706	2710	2713	rBV2	126808	174942	2.56%	0.242%
66	19.104	2719	2723	2726	rBV2	99568	164467	2.40%	0.227%
67	19.227	2738	2744	2750	rBV	5290414	6838782	100.00%	9.450%
68	19.327	2757	2761	2765	rVB	100706	126348	1.85%	0.175%
69	19.374	2765	2769	2774	rBV	451597	593839	8.68%	0.821%
70	19.469	2780	2785	2788	rBV3	64849	130372	1.91%	0.180%
71	19.557	2795	2800	2802	rBV3	1181802	1635263	23.91%	2.260%
72	19.586	2802	2805	2814	rVV	1858922	2784658	40.72%	3.848%
73	19.657	2814	2817	2825	rVB2	218440	356598	5.21%	0.493%
74	19.768	2832	2836	2842	rVB	295610	435670	6.37%	0.602%
75	19.827	2842	2846	2852	rVB	100796	167257	2.45%	0.231%
76	19.910	2855	2860	2861	rBV2	265048	384310	5.62%	0.531%

LSC Area Percent Report

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Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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-BM062221.M
Title : SVOA CALIBRATION

77	20.051	2878	2884	2885	rBV3	203231	335138	4.90%	0.463%
78	20.080	2885	2889	2895	rVB	857332	1203566	17.60%	1.663%
79	20.180	2902	2906	2910	rBV	769942	1021181	14.93%	1.411%
80	20.239	2910	2916	2920	rVB3	317804	575599	8.42%	0.795%
81	20.327	2927	2931	2936	rBV3	81982	150736	2.20%	0.208%
82	20.380	2937	2940	2943	rVV	92638	110419	1.61%	0.153%
83	20.427	2944	2948	2952	rVB2	166825	227726	3.33%	0.315%
84	20.551	2965	2969	2974	rVB	1743694	1965940	28.75%	2.717%
85	20.668	2986	2989	2992	rBV2	102485	136218	1.99%	0.188%
86	20.786	3006	3009	3013	rBV	108621	144582	2.11%	0.200%
87	20.992	3041	3044	3047	rBV	174529	215568	3.15%	0.298%
88	21.027	3047	3050	3054	rVV	306149	425534	6.22%	0.588%
89	21.074	3054	3058	3073	rVB3	269531	696974	10.19%	0.963%
90	21.257	3086	3089	3092	rVB2	155503	175112	2.56%	0.242%
91	21.333	3096	3102	3107	rVV2	2810751	5385698	78.75%	7.442%
92	21.380	3107	3110	3118	rVB	1628171	2075827	30.35%	2.868%
93	21.498	3127	3130	3134	rBV2	121191	201726	2.95%	0.279%
94	21.545	3135	3138	3142	rVV	180108	231670	3.39%	0.320%
95	21.892	3194	3197	3201	rVB	283778	384562	5.62%	0.531%
96	22.092	3229	3231	3234	rBV	121876	132983	1.94%	0.184%
97	22.192	3245	3248	3253	rVB2	193437	261781	3.83%	0.362%
98	22.933	3367	3374	3378	rBV	980671	2344172	34.28%	3.239%
99	23.104	3399	3403	3409	rVB	289904	470179	6.88%	0.650%
100	23.609	3484	3489	3496	rVB2	1034725	1821441	26.63%	2.517%

Sum of corrected areas: 72367790

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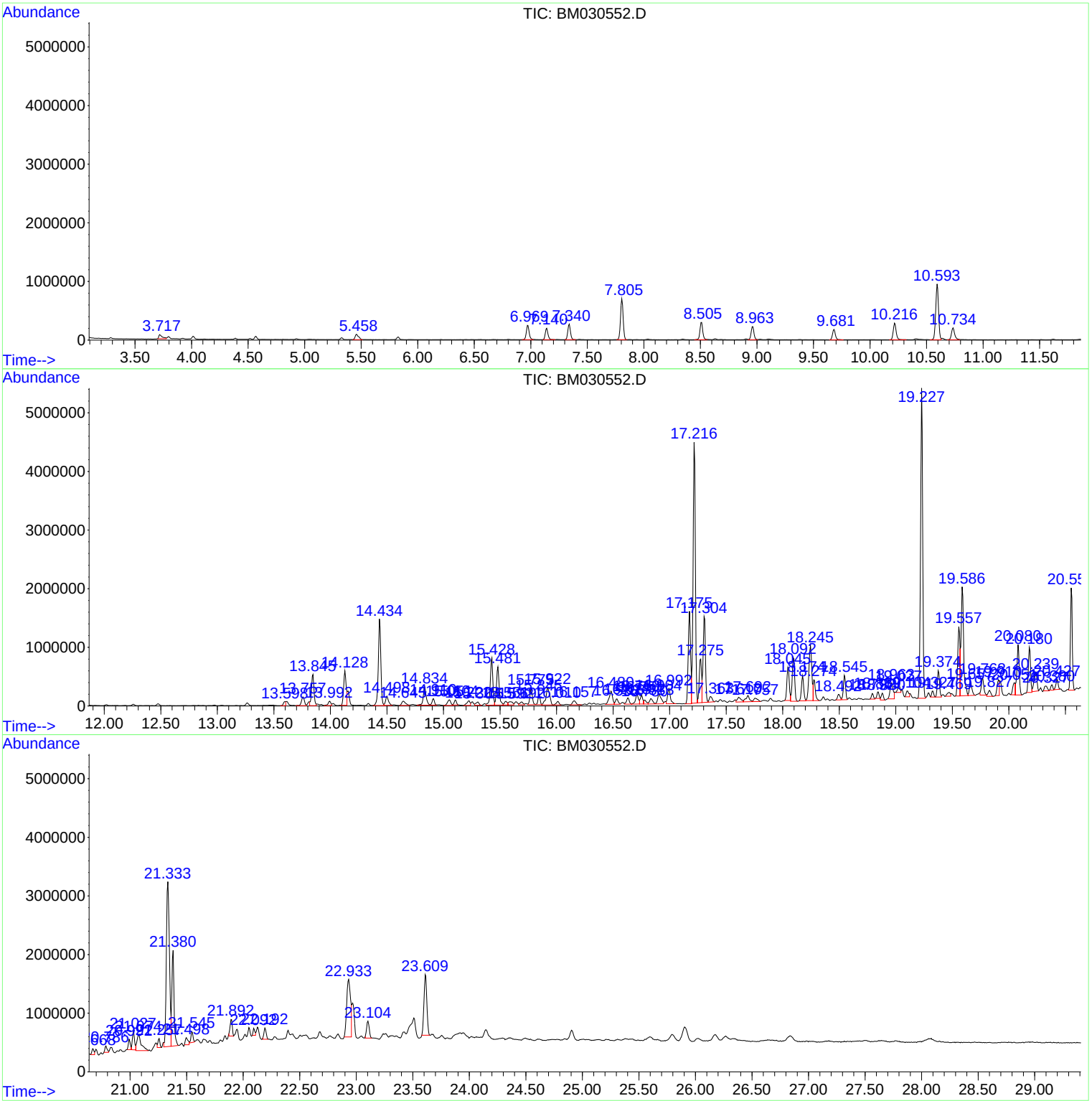
Instrument :
BNA_M
ClientSampleId :
BGDB2DL

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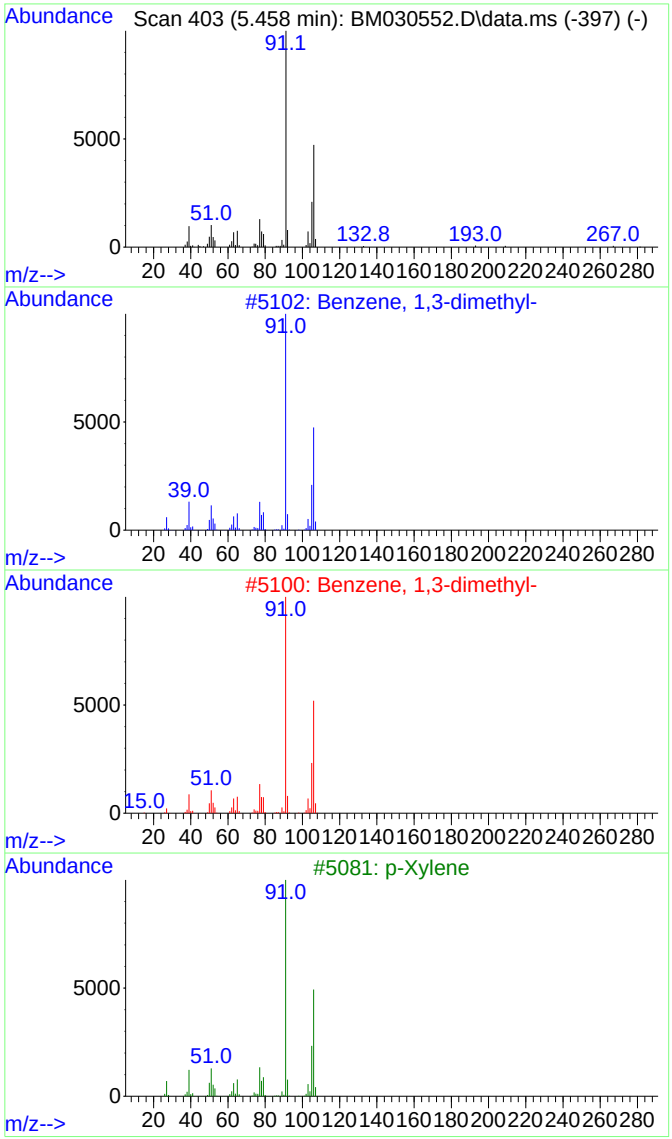
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

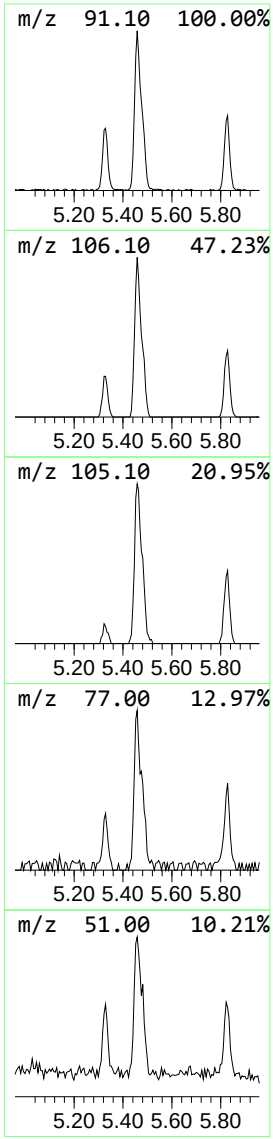
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	3.53 ng/ul	194972	1,4-Dichlorobenzene-d4	7.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	93
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
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Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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

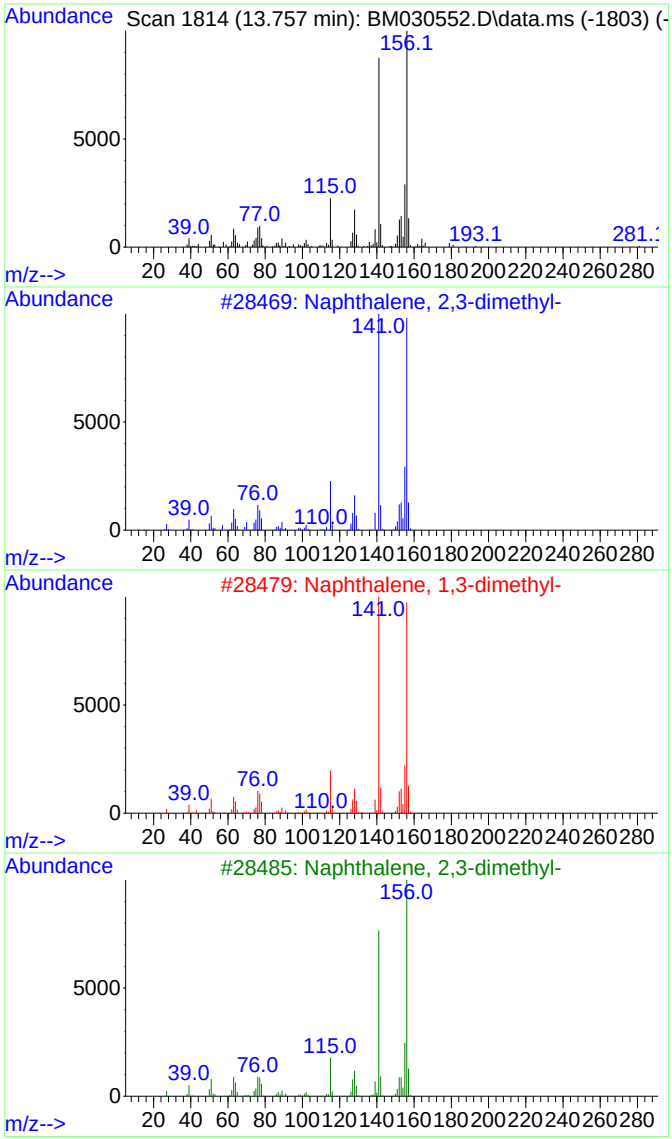
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

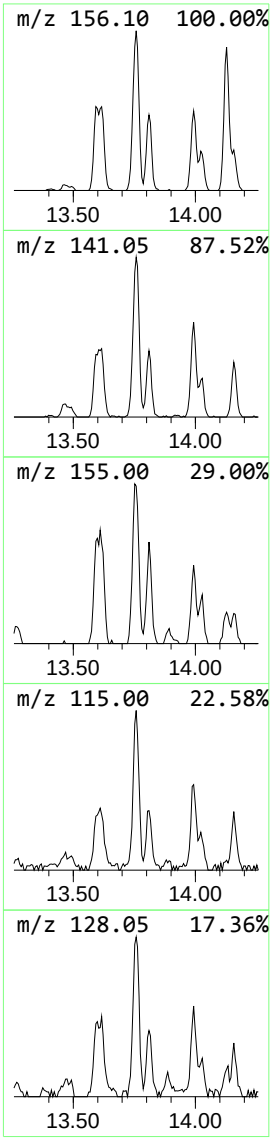
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	2.42 ng/ul	271900	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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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
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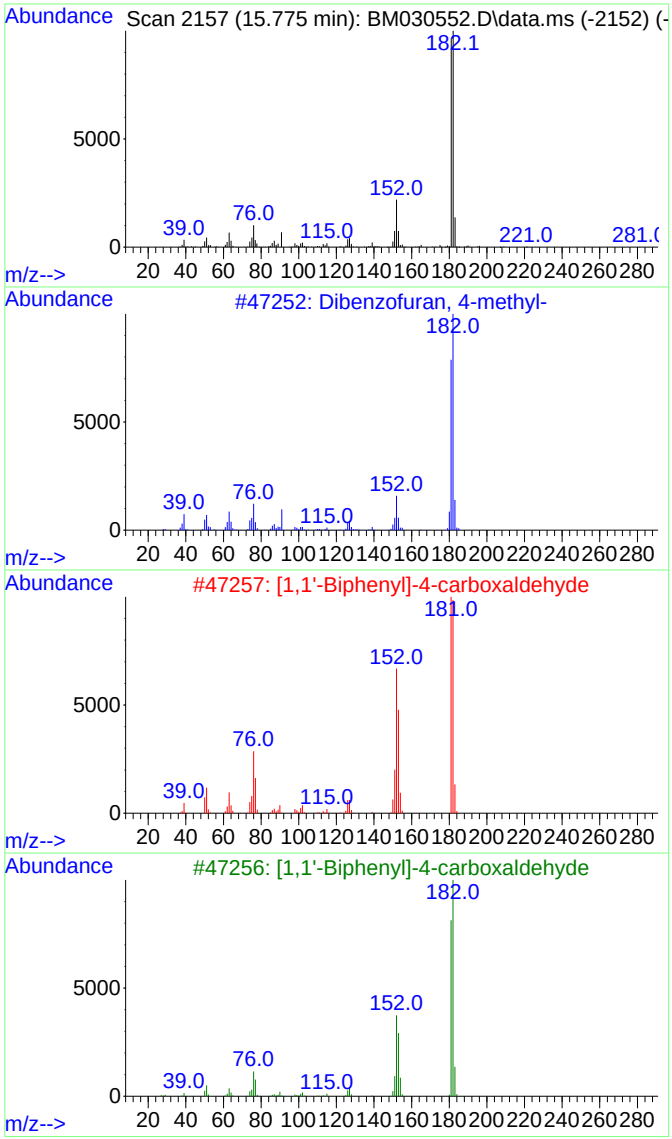
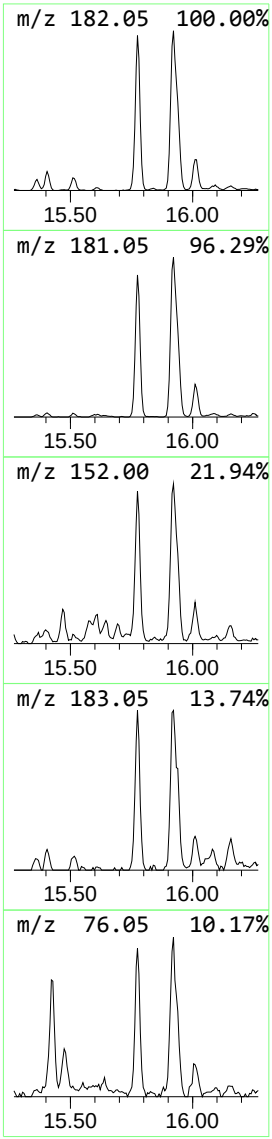
****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.770	3.76 ng/ul	421814	Acenaphthene-d10	14.434

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





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Acq On : 23 Jun 2021 14:25
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

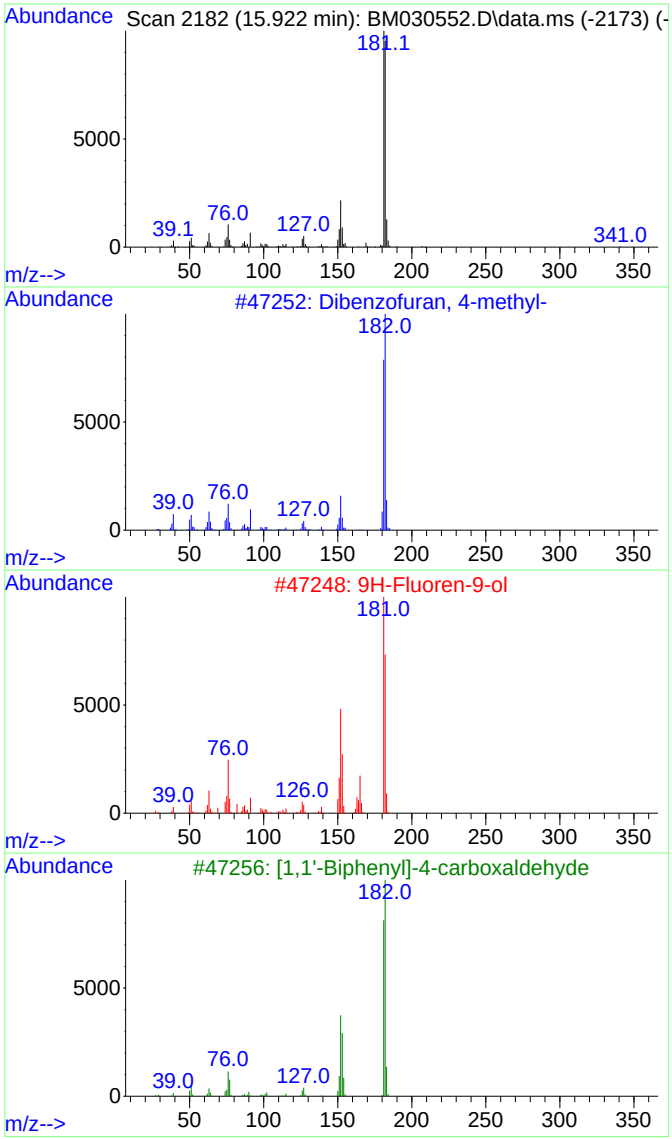
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

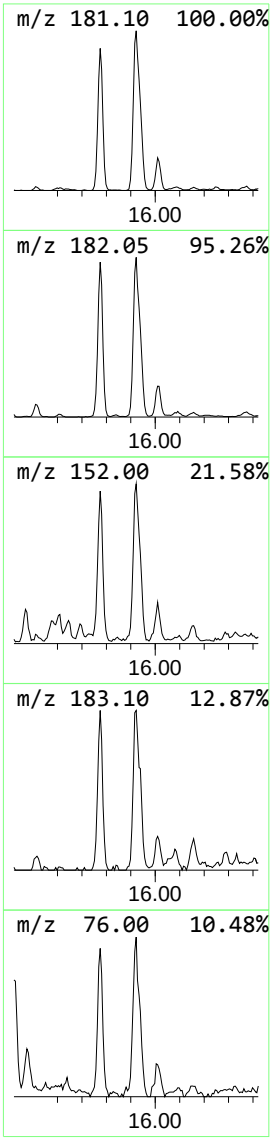
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	5.82 ng/ul	679439	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

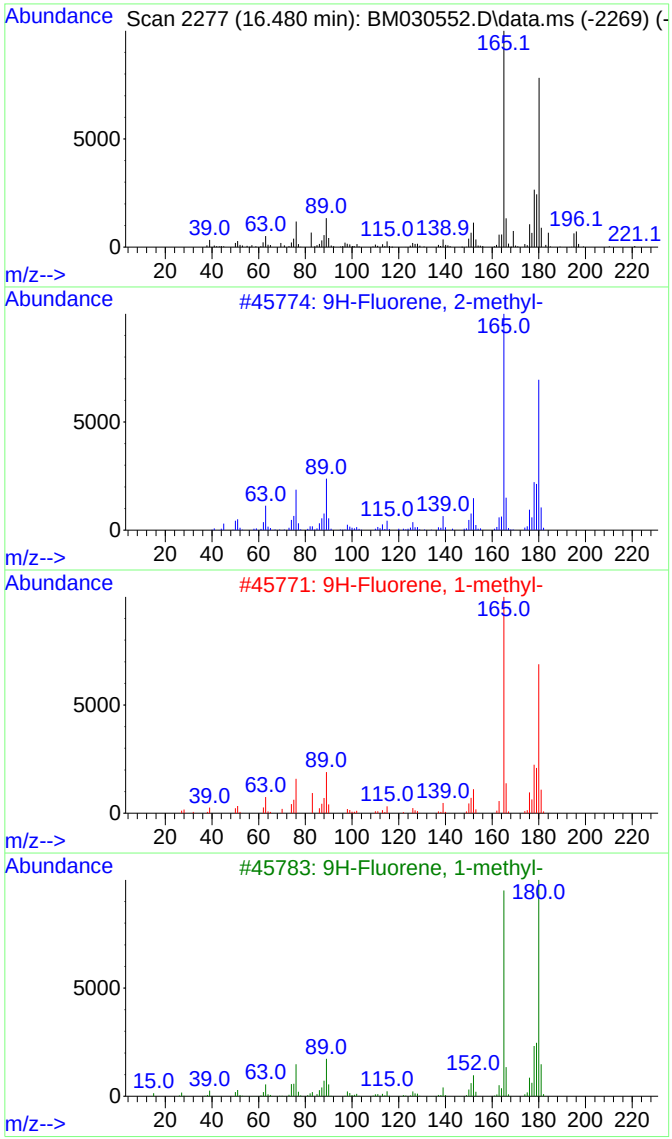
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

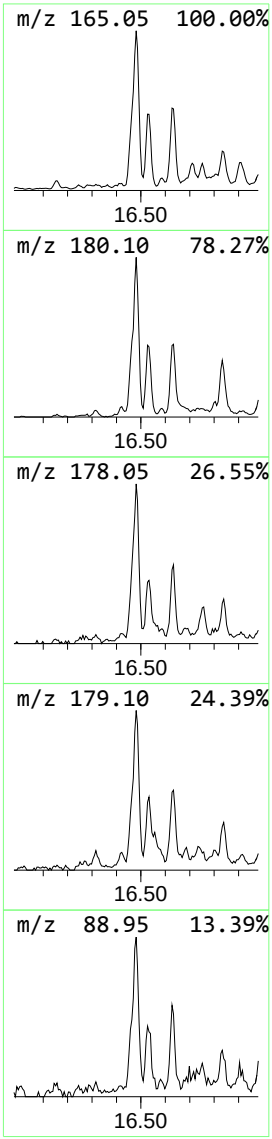
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	4.01 ng/ul	468436	Phenanthrene-d10	17.174

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





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

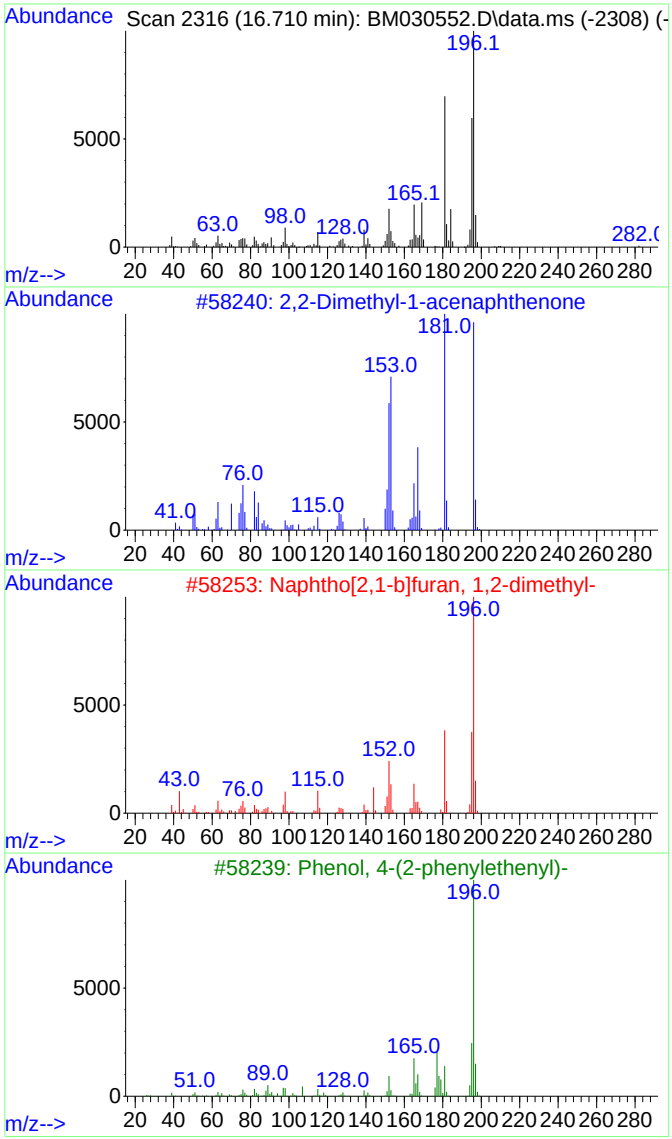
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

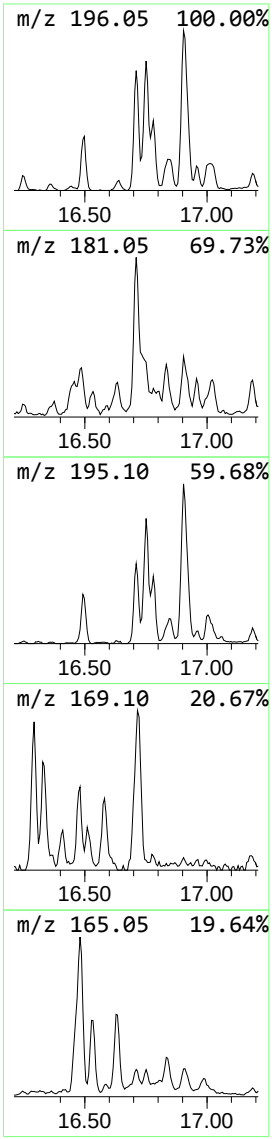
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2-Dimethyl-1-acenaphthenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	2.62 ng/ul	306076	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	60
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	52
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
5	Pentamethylmelamine	196	C8H16N6	035832-09-8	49





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Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

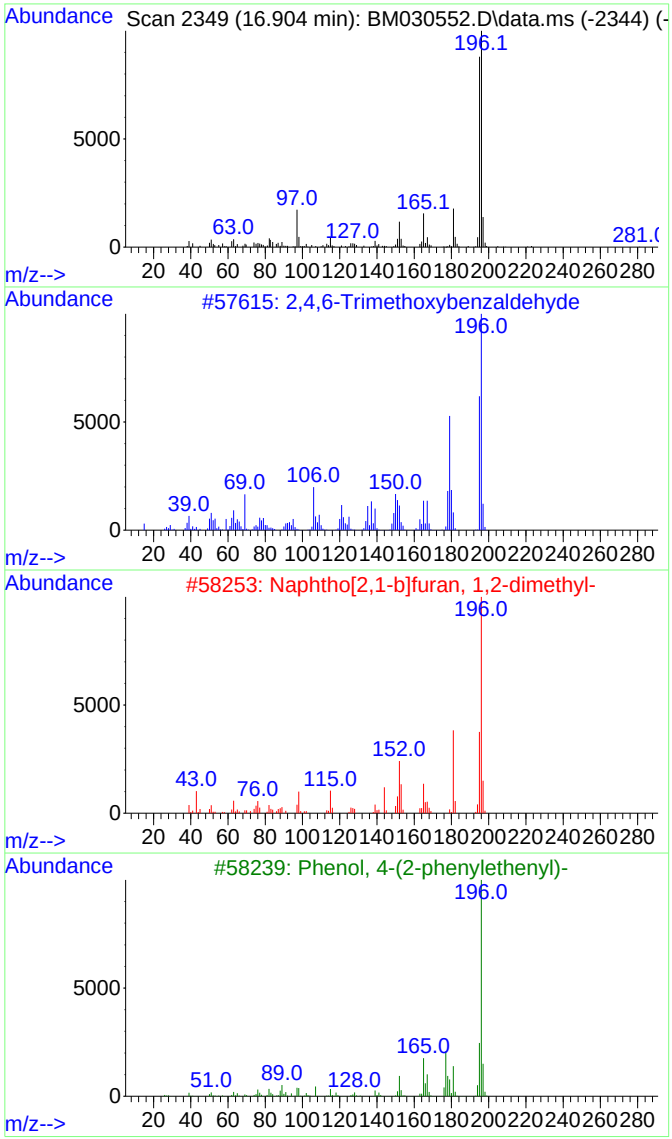
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

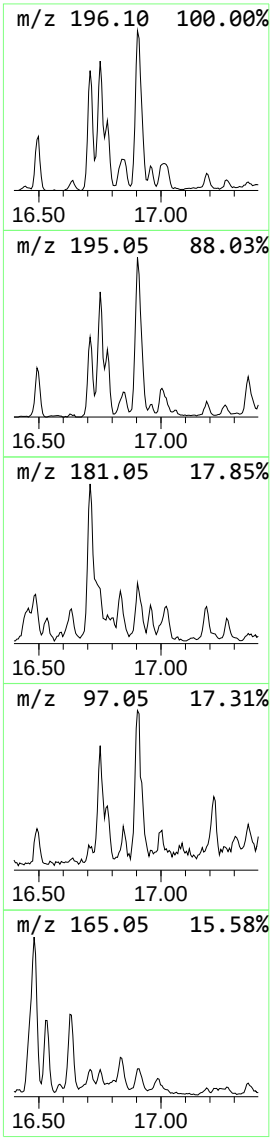
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,6-Trimethoxybenzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.900	3.08 ng/ul	359394	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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

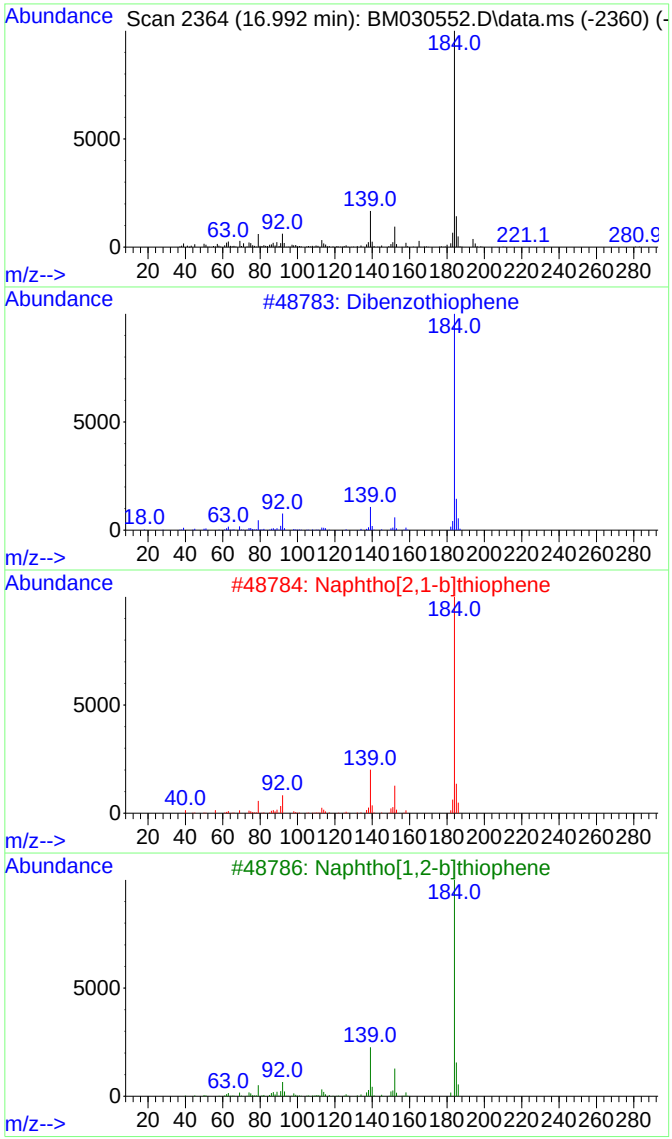
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

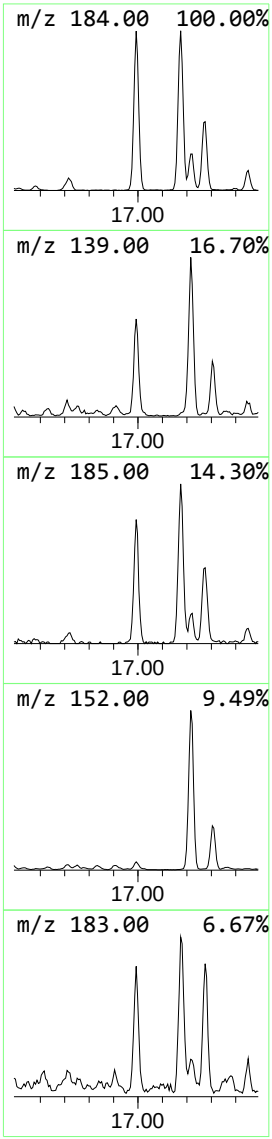
****

Peak Number 8 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	3.72 ng/ul	433911	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

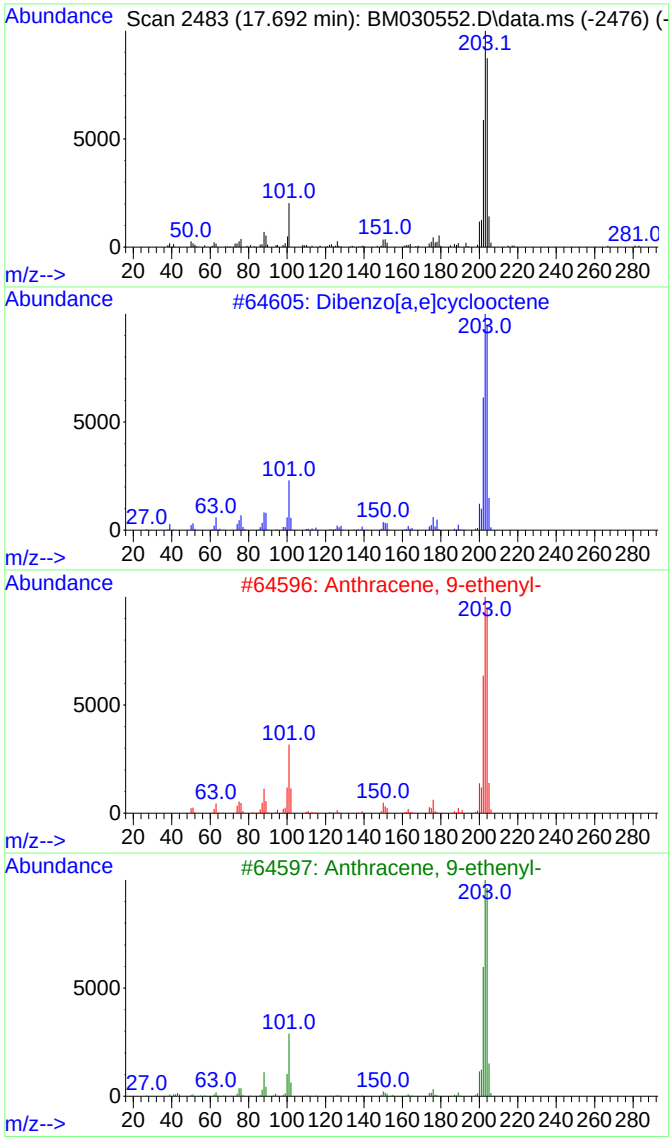
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

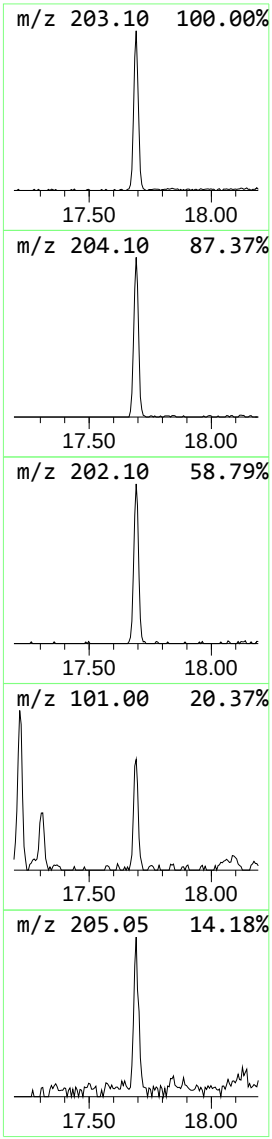
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dibenzo[a,e]cyclooctene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.690	2.06 ng/ul	240215	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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

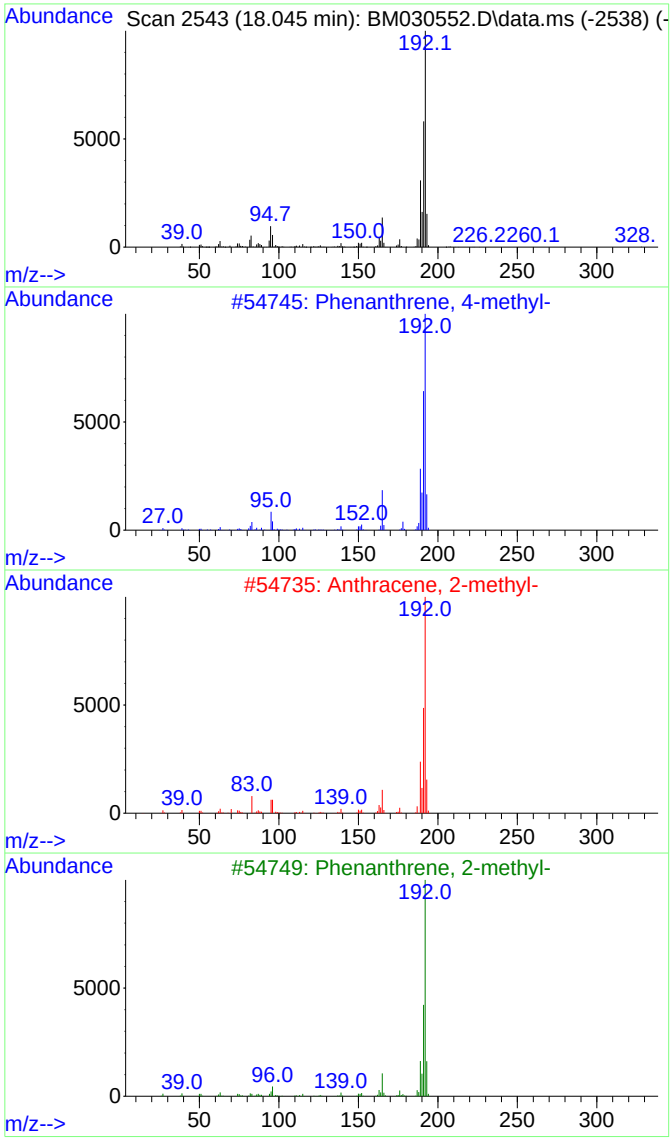
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

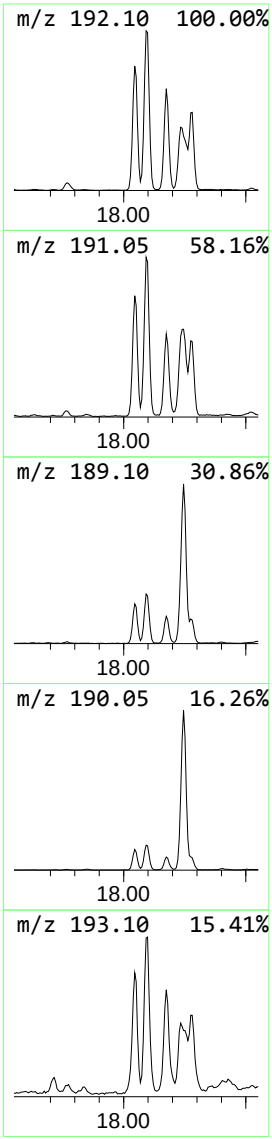
****

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	7.09 ng/ul	828186	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

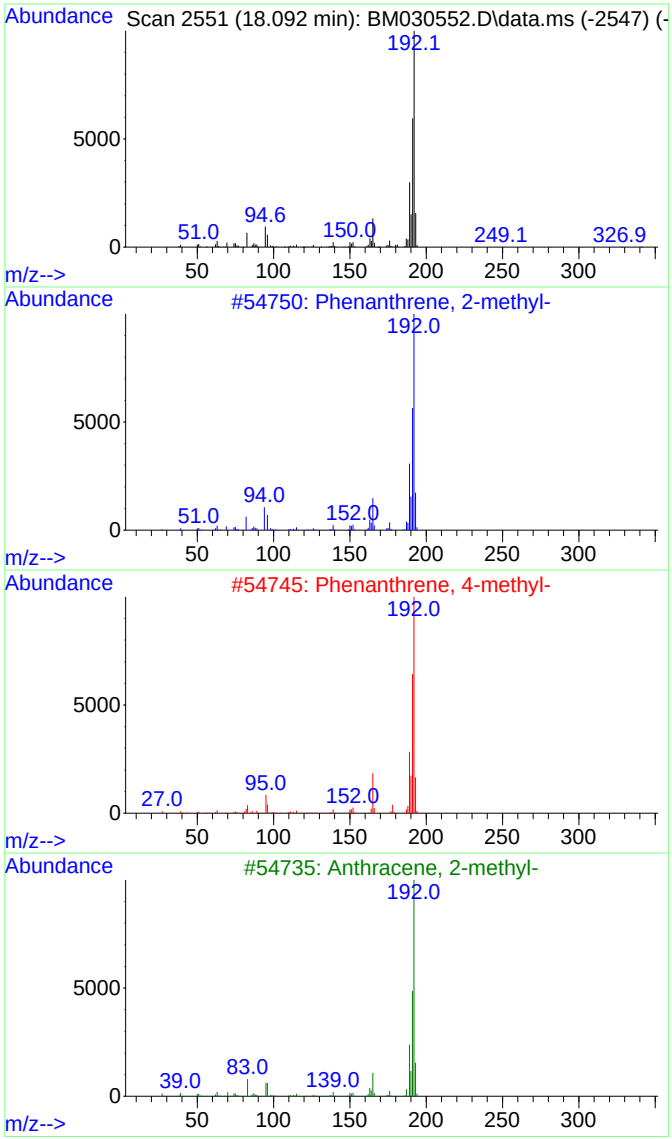
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

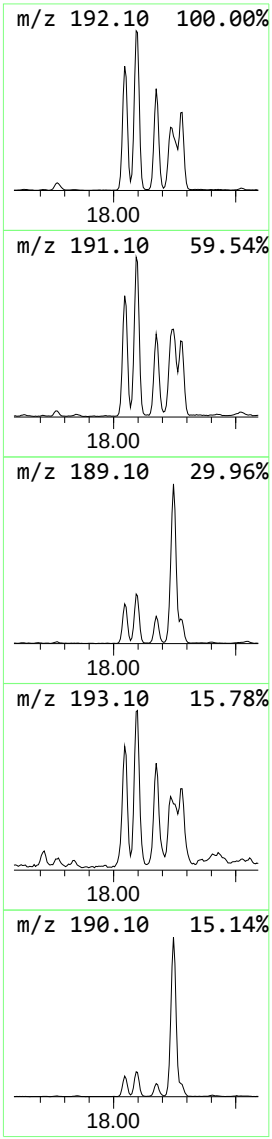
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.090	9.58 ng/ul	1119020	Phenanthrene-d10	17.174

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	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

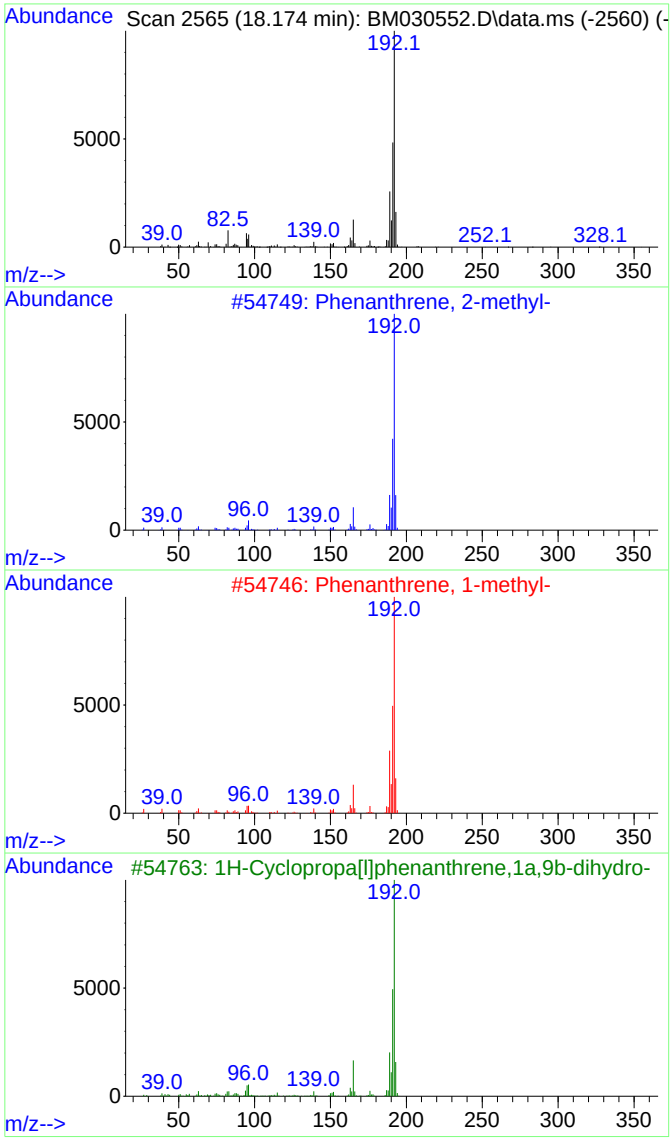
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

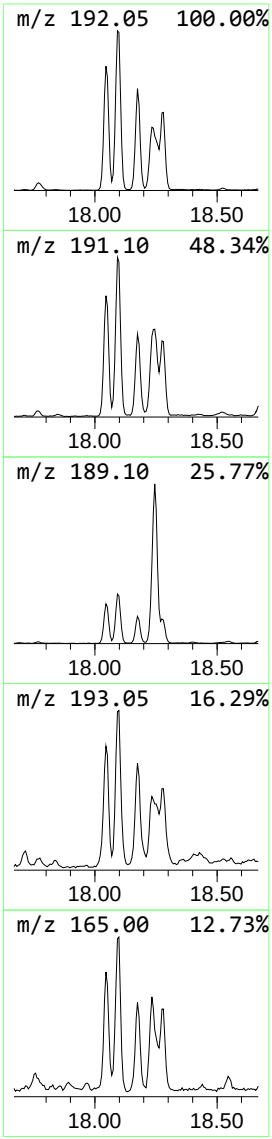
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	5.11 ng/ul	596923	Phenanthrene-d10	17.174

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





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Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

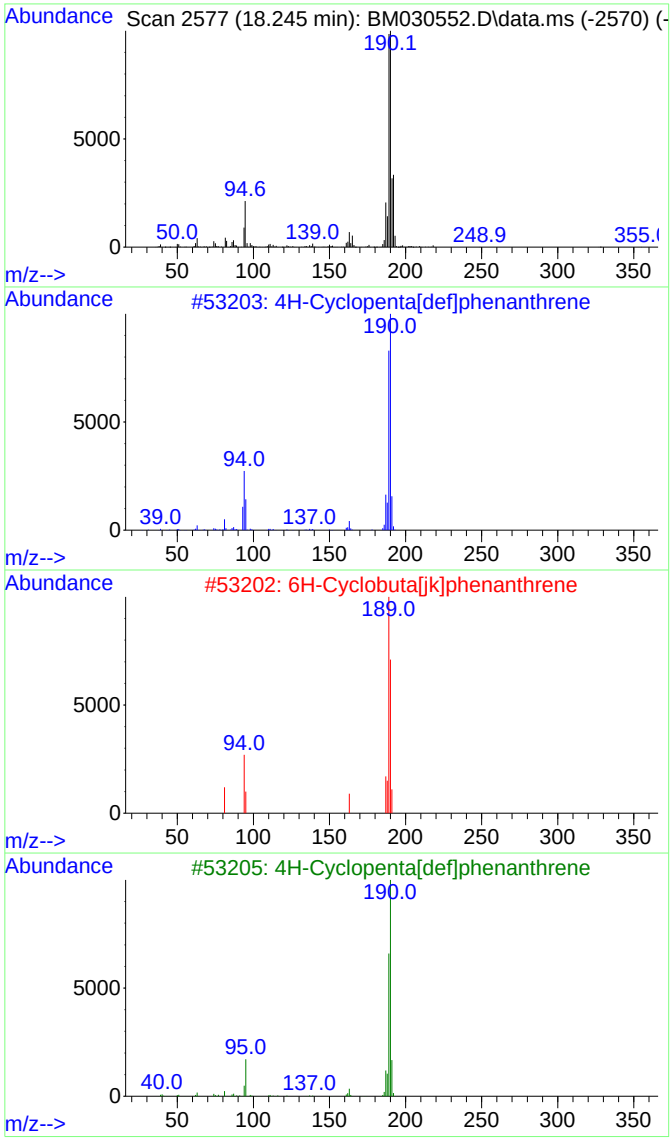
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

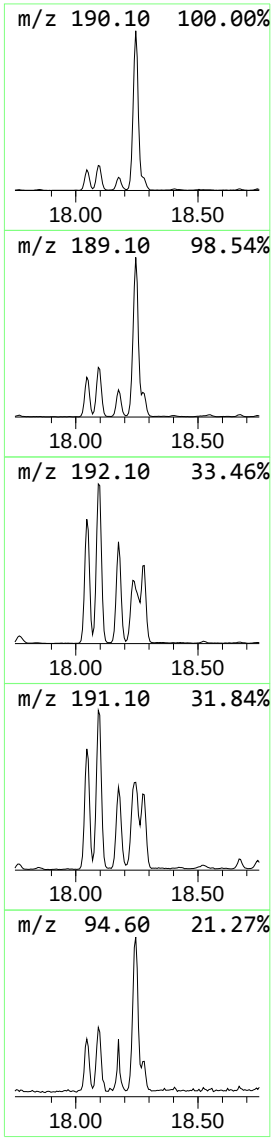
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.250	14.49 ng/ul	1692840	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

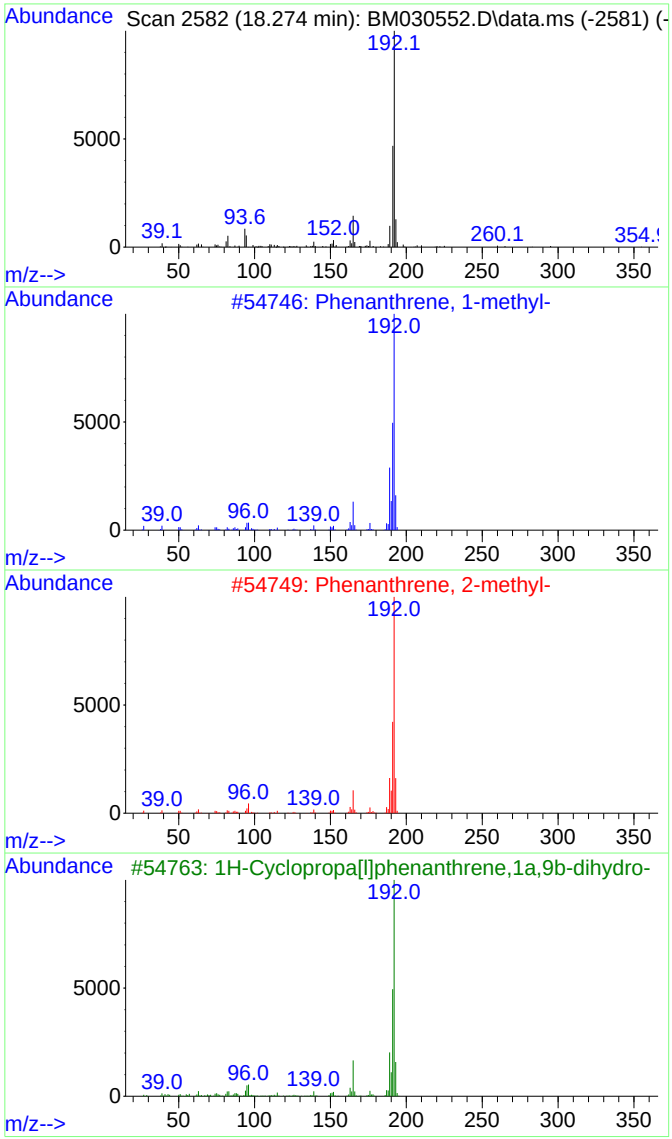
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

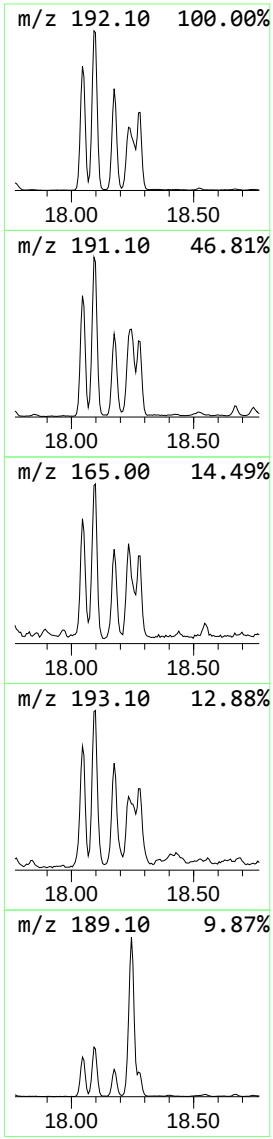
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.270	3.42 ng/ul	399200	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

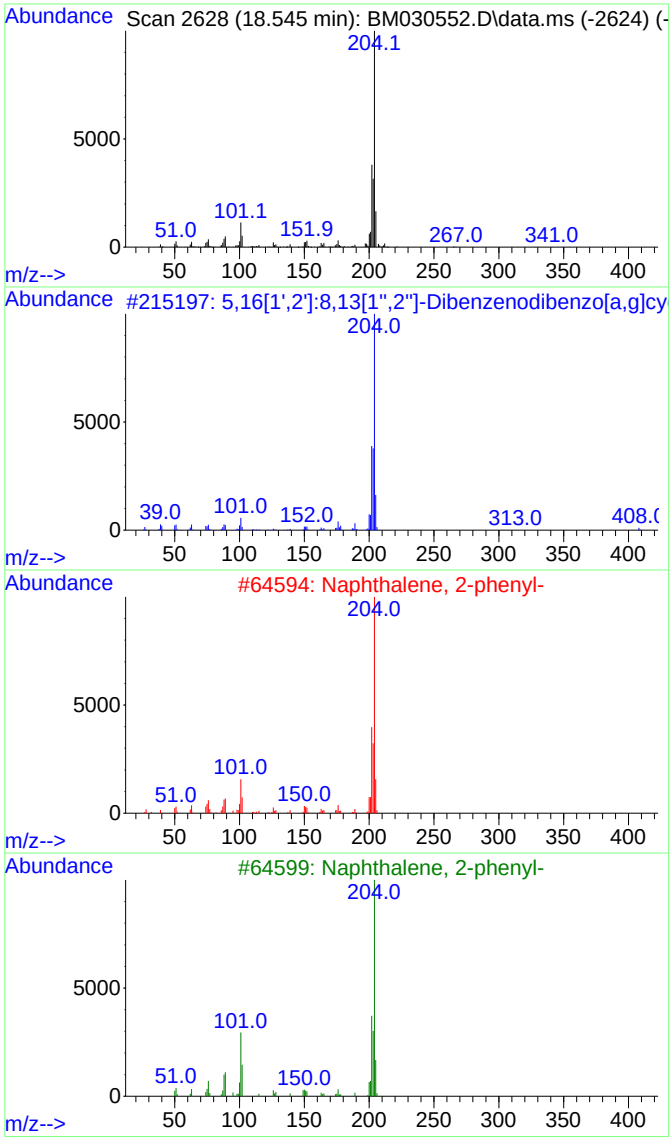
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

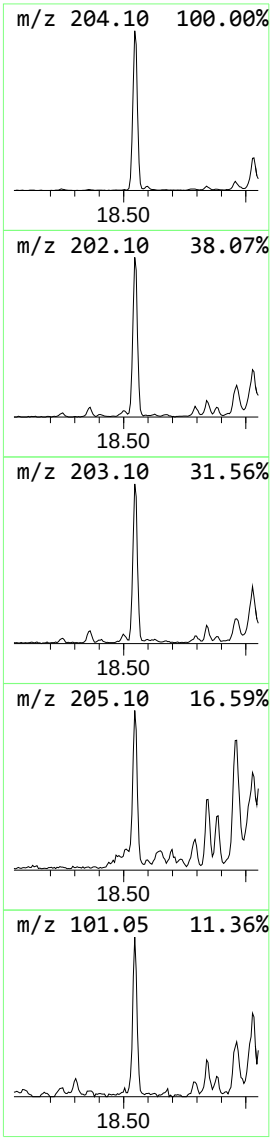
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	4.59 ng/ul	535688	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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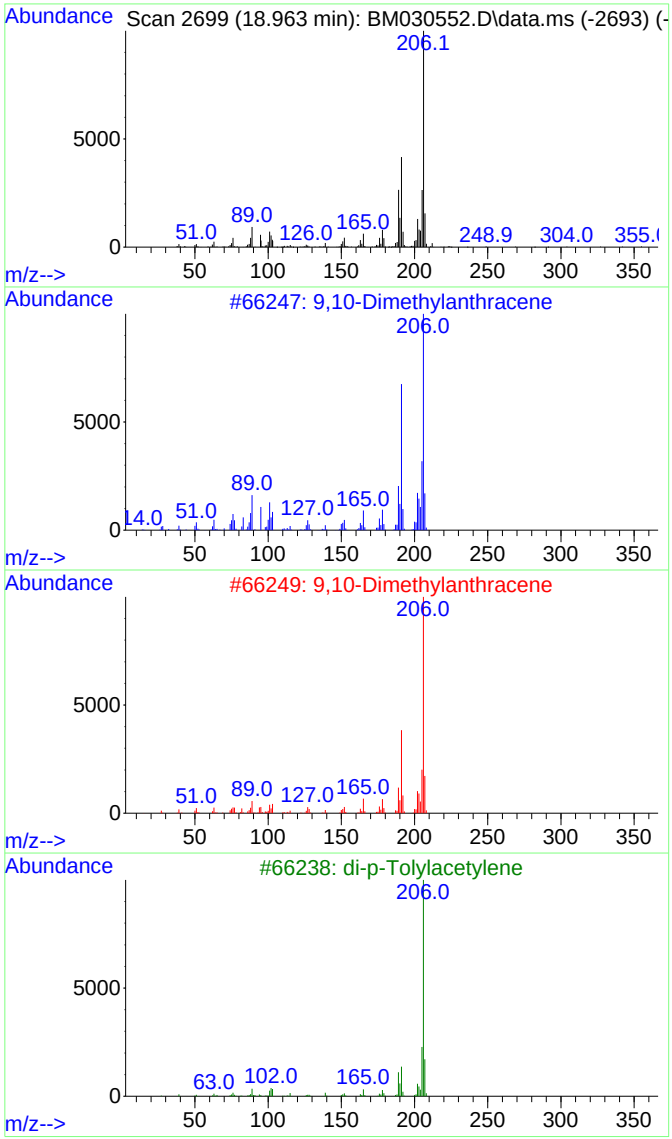
Quant Title : SVOA CALIBRATION

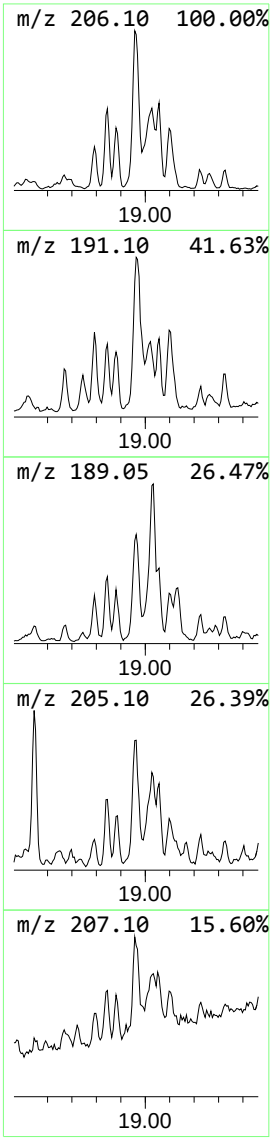
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	4.51 ng/ul	526694	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	93





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

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

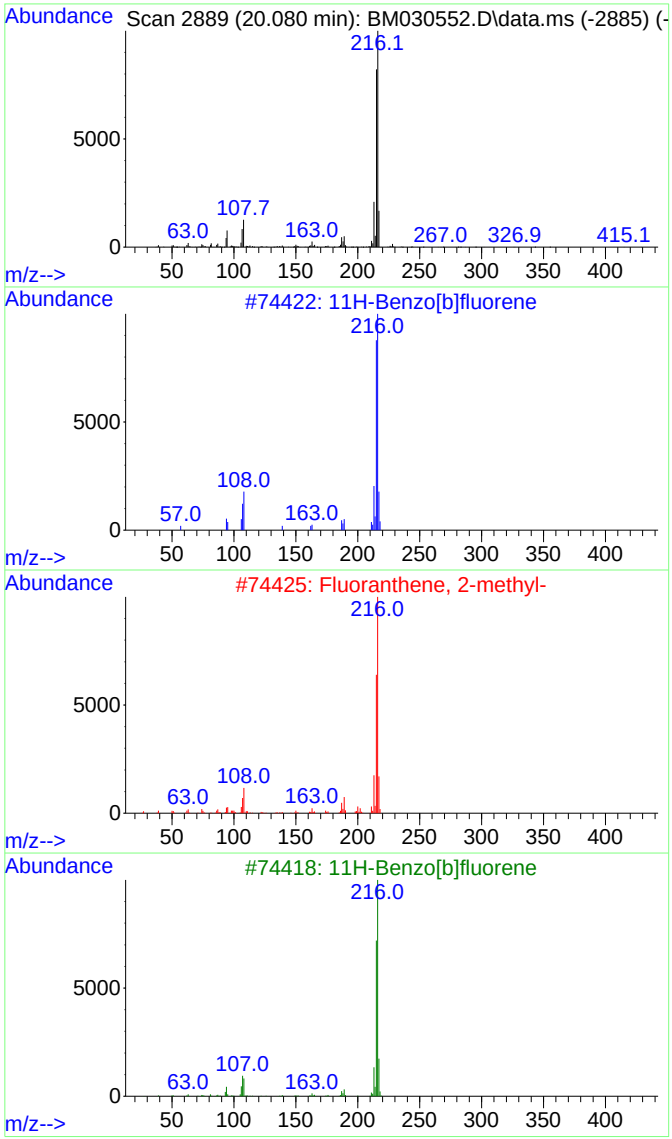
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

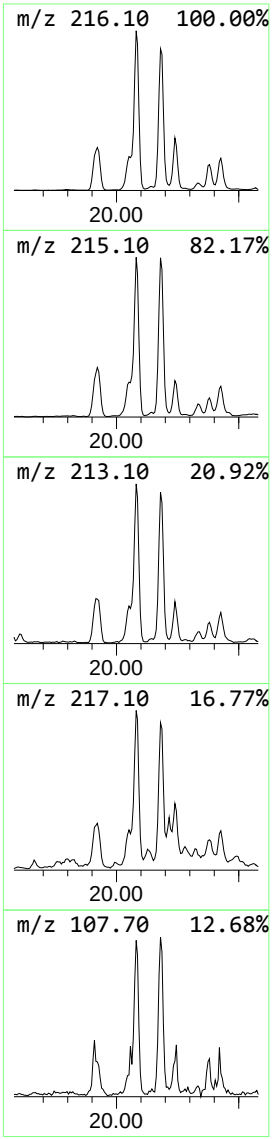
****

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	4.47 ng/ul	1203570	Chrysene-d12	21.345

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





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

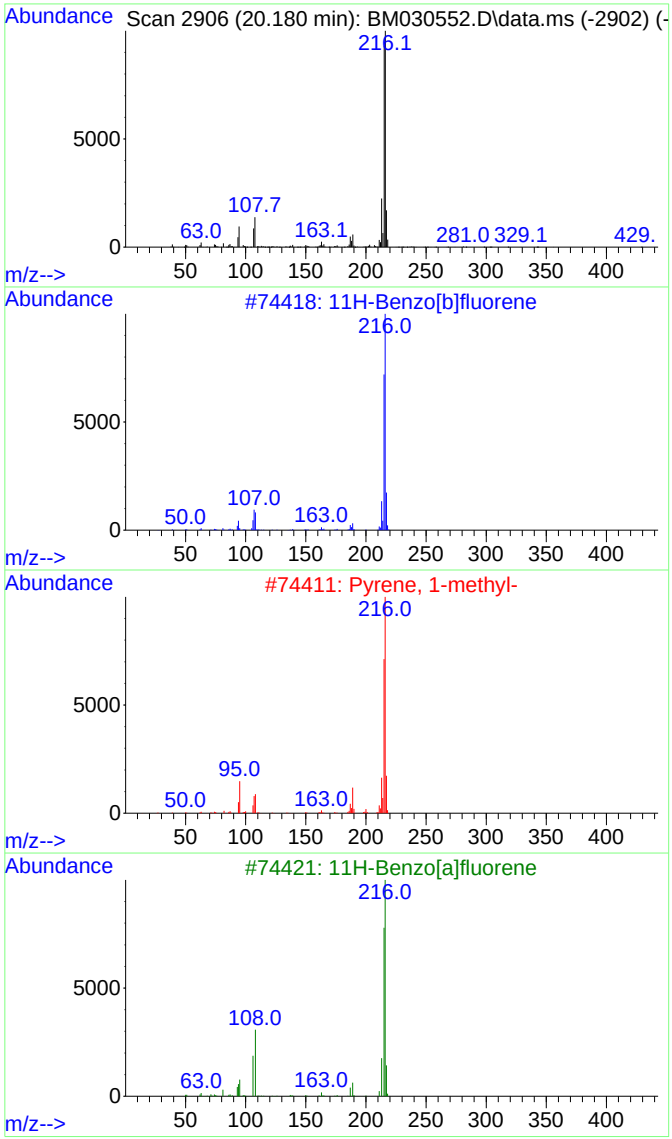
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

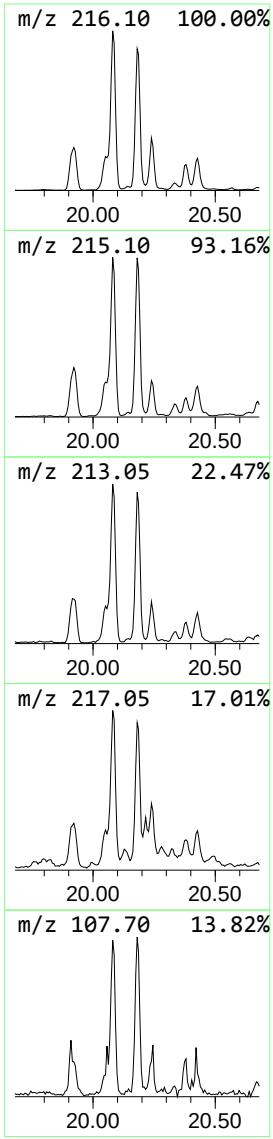
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.79 ng/ul	1021180	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

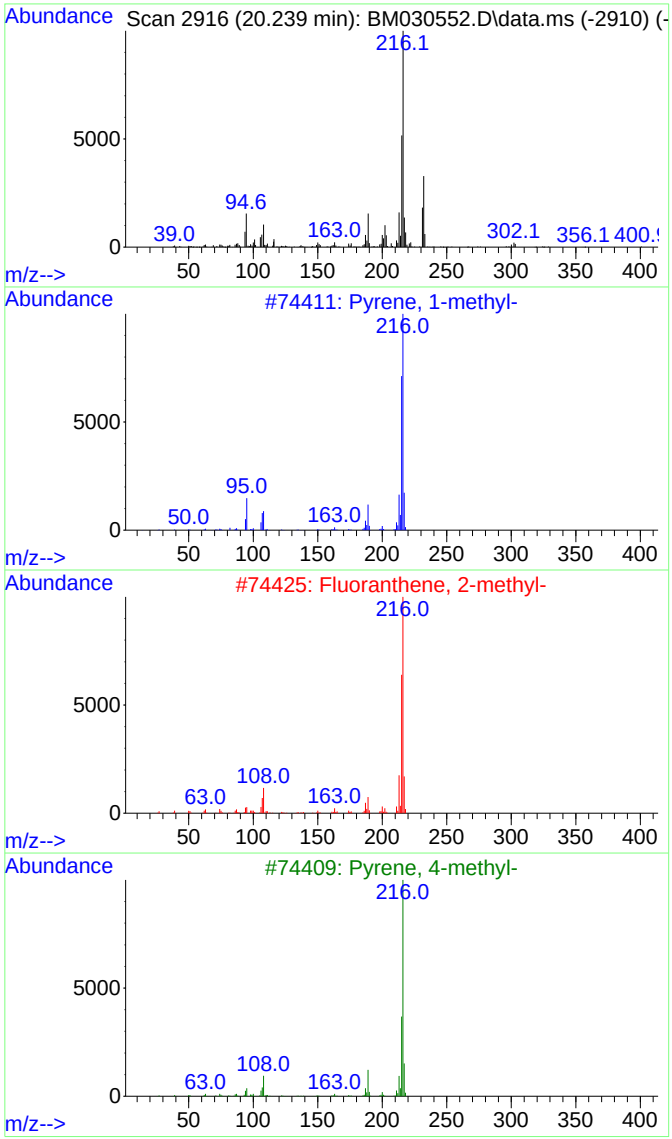
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

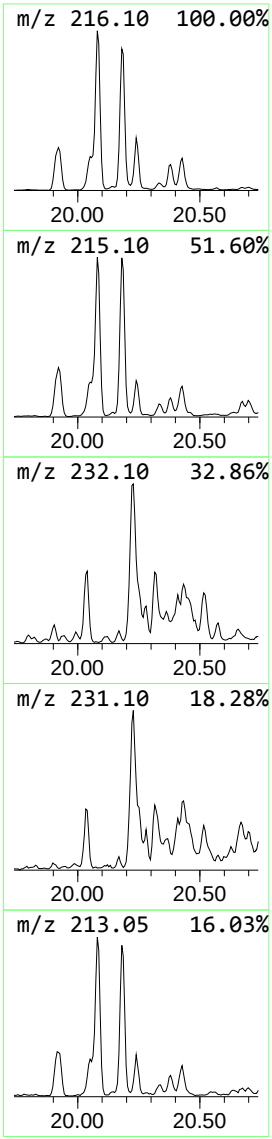
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.240	2.14 ng/ul	575599	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

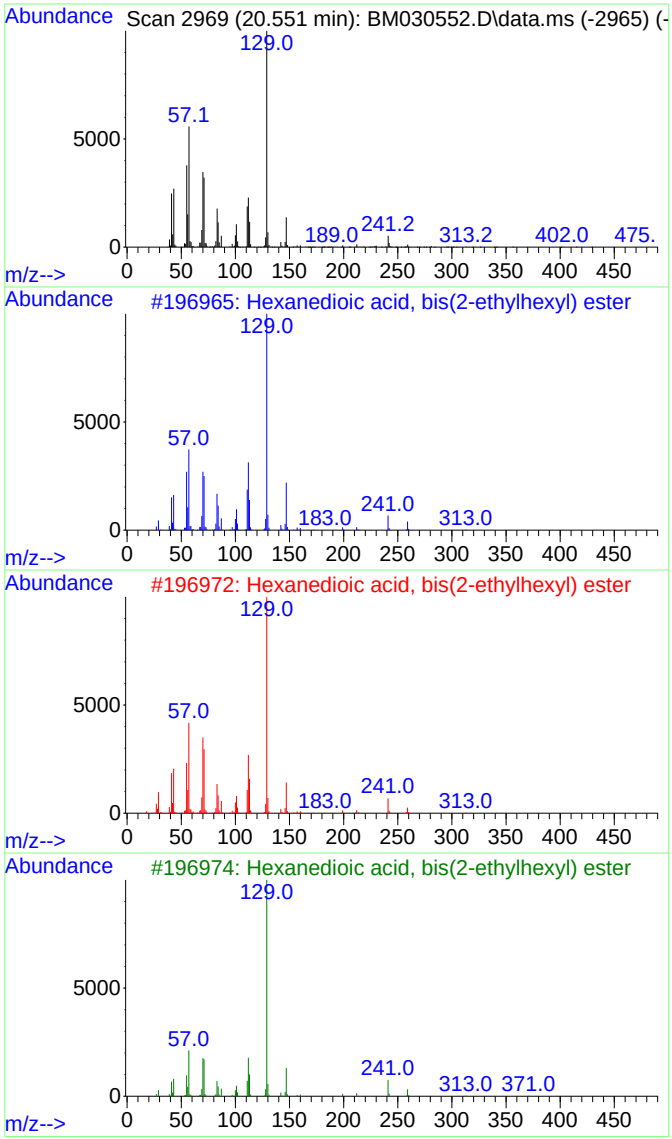
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

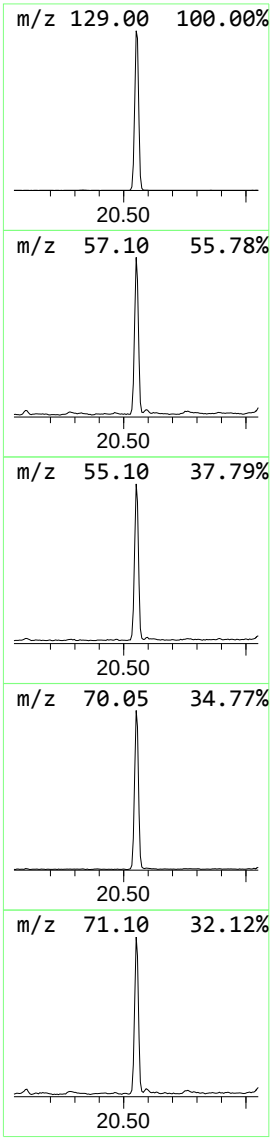
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.550	7.30 ng/ul	1965940	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	86





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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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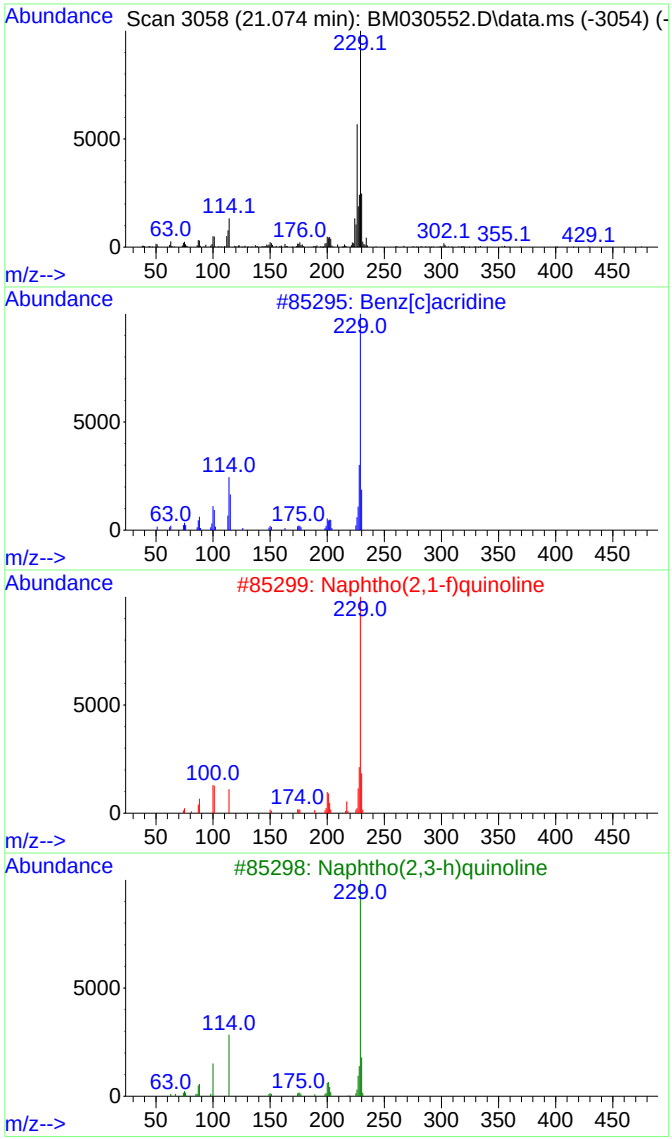
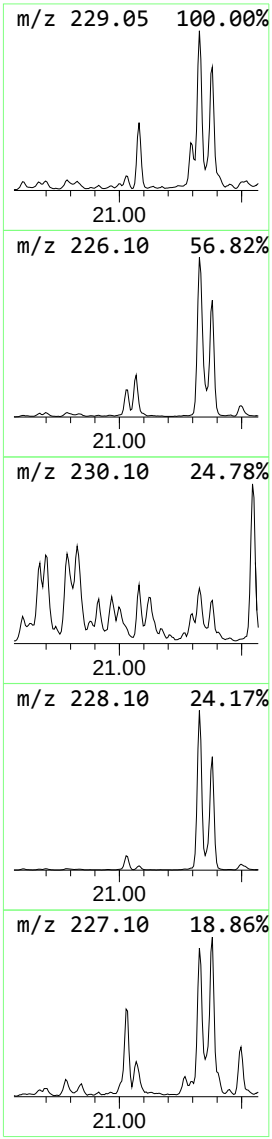
Peak Number 22 Benz[c]acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.070	2.59 ng/ul	696974	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	83
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	58
3	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	58
4	Benzo(a)acridine	229	C17H11N	000225-11-6	55
5	Benzo(a)acridine	229	C17H11N	000225-11-6	53





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Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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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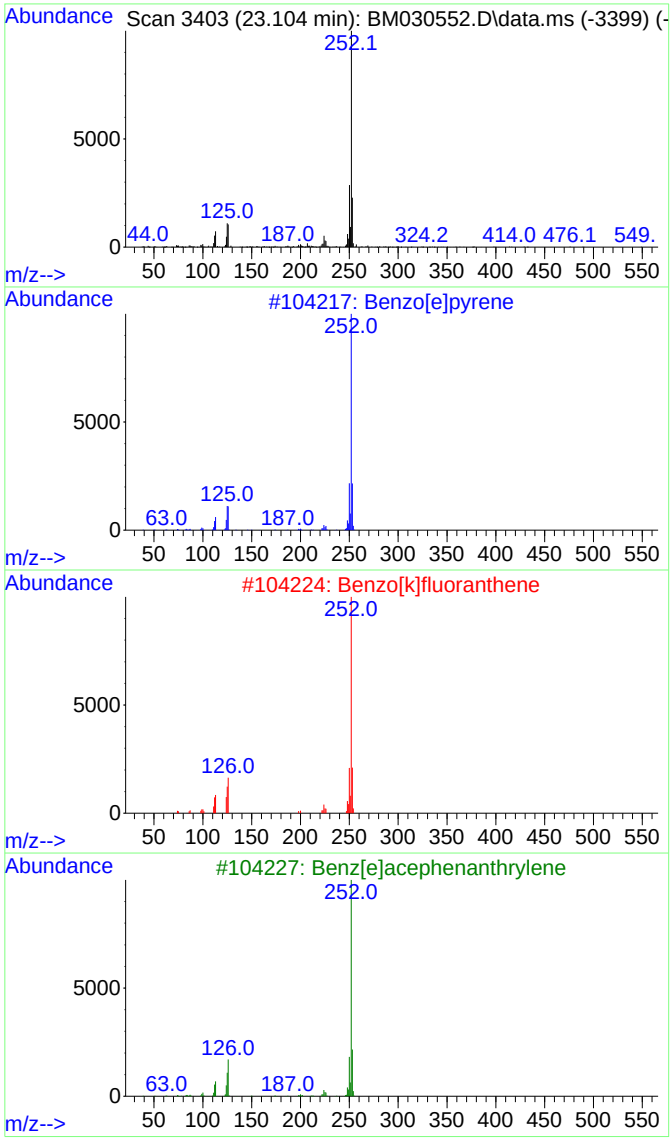
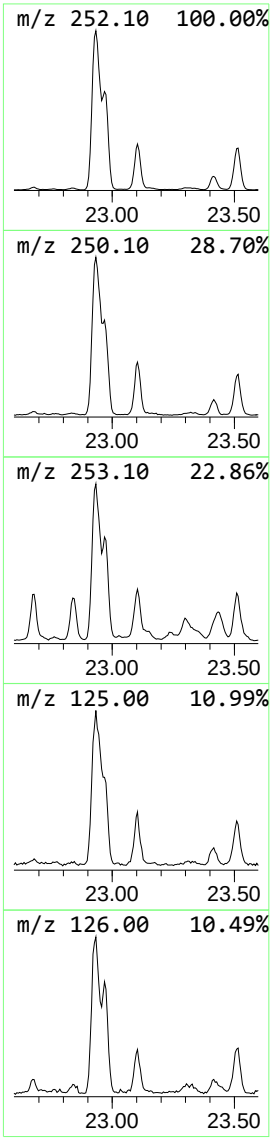
Peak Number 23 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.100	5.16 ng/ul	470179	Perylene-d12	23.609

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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
Benzene, 1,3-di...	5.460	3.5	ng/ul	194972	1	7.805	1105900	20.0
Naphthalene, 2,...	13.760	2.4	ng/ul	271900	3	14.434	2245570	20.0
[1,1'-Biphenyl]...	15.770	3.8	ng/ul	421814	3	14.434	2245570	20.0
Dibenzofuran, 4...	15.920	5.8	ng/ul	679439	4	17.174	2335920	20.0
9H-Fluorene, 2-...	16.480	4.0	ng/ul	468436	4	17.174	2335920	20.0
2,2-Dimethyl-1-...	16.710	2.6	ng/ul	306076	4	17.174	2335920	20.0
2,4,6-Trimethox...	16.900	3.1	ng/ul	359394	4	17.174	2335920	20.0
Dibenzothiophene	16.990	3.7	ng/ul	433911	4	17.174	2335920	20.0
Dibenzo[a,e]cyc...	17.690	2.1	ng/ul	240215	4	17.174	2335920	20.0
Phenanthrene, 4...	18.050	7.1	ng/ul	828186	4	17.174	2335920	20.0
Anthracene, 2-m...	18.090	9.6	ng/ul	1119020	4	17.174	2335920	20.0
Phenanthrene, 2...	18.170	5.1	ng/ul	596923	4	17.174	2335920	20.0
4H-Cyclopenta[d...	18.250	14.5	ng/ul	1692840	4	17.174	2335920	20.0
Phenanthrene, 1...	18.270	3.4	ng/ul	399200	4	17.174	2335920	20.0
5,16[1',2']:8,1...	18.550	4.6	ng/ul	535688	4	17.174	2335920	20.0
9,10-Dimethylan...	18.960	4.5	ng/ul	526694	4	17.174	2335920	20.0
Fluoranthene, 2...	20.080	4.5	ng/ul	1203570	5	21.345	5385700	20.0
11H-Benzo[b]flu...	20.180	3.8	ng/ul	1021180	5	21.345	5385700	20.0
Pyrene, 1-methyl-	20.240	2.1	ng/ul	575599	5	21.345	5385700	20.0
Hexanedioic aci...	20.550	7.3	ng/ul	1965940	5	21.345	5385700	20.0
Benz[c]acridine	21.070	2.6	ng/ul	696974	5	21.345	5385700	20.0
Benzo[e]pyrene	23.100	5.2	ng/ul	470179	6	23.609	1821440	20.0