LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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: BM030545.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.975	654	661	674	rBV	65010	123449	1.46%	0.174%
2	7.139	684	689	696	rBV	47642	79348	0.94%	0.112%
3	7.339	717	723	730	rBV	60070	101146	1.19%	0.142%
4	7.804	795	802	811	rBV	686225	1075256	12.69%	1.512%
5	8.510	916	922	929	rBV2	82674	142336	1.68%	0.200%
6	8.963	993	999	1006	rBV	58926	100804	1.19%	0.142%
7	9.680	1115	1121	1129	rBV	48659	86152	1.02%	0.121%
8	10.222	1207	1213	1228	rBV	70311	140737	1.66%	0.198%
9	10.592	1268	1276	1282	rBV	907397	1535695	18.12%	2.159%
10	10.645	1282	1285	1294	rVB2	57714	90167	1.06%	0.127%
11	10.739	1294	1301	1313	rBV	61133	141228	1.67%	0.199%
12	13.757	1808	1814	1820	rBV	61102	100179	1.18%	0.141%
13	13.845	1824	1829	1834	rVV	162284	259383	3.06%	0.365%
14	14.127	1871	1877	1879	rBV	186477	274222	3.24%	0.386%
15	14.157	1879	1882	1894	rVB	226510	353554	4.17%	0.497%
16	14.433	1918	1929	1935	rBV	1252775	1929374	22.76%	2.713%
17	14.498	1935	1940	1949	rVV	201481	343926	4.06%	0.484%
18	14.651	1959	1966	1973	rBV4	40694	95817	1.13%	0.135%
19	14.833	1986	1997	2004	rVV	267407	408431	4.82%	0.574%
20	14.910	2005	2010	2015	rVV	66113	95143	1.12%	0.134%
21	15.051	2026	2034	2039	rBV2	80180	163480	1.93%	0.230%
22	15.104	2039	2043	2048	rVB	59630	79817	0.94%	0.112%
23	15.221	2055	2063	2066	rBV2	54575	114221	1.35%	0.161%
24	15.427	2090	2098	2102	rVV	290246	476845	5.63%	0.671%
25	15.480	2102	2107	2116	rVV	458363	755701	8.92%	1.063%
26	15.639	2131	2134	2138	rVV4	41327	70586	0.83%	0.099%
27	15.692	2138	2143	2147	rVV3	53738	94992	1.12%	0.134%
28	15.774	2152	2157	2164	rVV	291525	436479	5.15%	0.614%
29	15.921	2173	2182	2190	rVB	311765	648105	7.65%	0.911%
30	16.009	2190	2197	2203	rVB2	63004	105558	1.25%	0.148%
31	16.162	2215	2223	2230	rVB3	66454	131589	1.55%	0.185%
32	16.486	2269	2278	2282	rVV2	197235	414417	4.89%	0.583%
33	16.533	2282	2286	2291	rVV	81304	130167	1.54%	0.183%
34	16.633	2297	2303	2308	rVV	98640	164621	1.94%	0.231%
35	16.709	2308	2316	2320	rVV2	179425	315159	3.72%	0.443%
36	16.751	2320	2323	2326	rVV2	166295	232478	2.74%	0.327%

LSC Area Percent Report

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Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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	16.780	2326	2328	2333	rVV	75059	111925	1.32%	0.157%
38	16.833	2333	2337	2344	rVV4	77996	162780	1.92%	0.229%
39	16.904	2344	2349	2356	rVV	168606	344572	4.07%	0.485%
40	16.992	2360	2364	2377	rVB	246098	447734	5.28%	0.630%
41	17.174	2389	2395	2398	rBV	1362514	1975677	23.31%	2.778%
42	17.215	2398	2402	2408	rVV	4292158	6170399	72.80%	8.677%
43	17.274	2408	2412	2413	rVV2	265339	349060	4.12%	0.491%
44	17.303	2413	2417	2423	rVV	1390101	2059664	24.30%	2.896%
45	17.362	2423	2427	2433	rVV3	102769	205104	2.42%	0.288%
46	17.445	2438	2441	2445	rVV2	47540	72754	0.86%	0.102%
47	17.615	2465	2470	2479	rVV2	72516	187798	2.22%	0.264%
48	17.692	2479	2483	2490	rVV	115393	174485	2.06%	0.245%
49	17.756	2490	2494	2502	rVB5	58119	135639	1.60%	0.191%
50	17.892	2513	2517	2526	rVB3	61118	116840	1.38%	0.164%
51	18.045	2535	2543	2547	rVV	616797	906999	10.70%	1.275%
52	18.098	2547	2552	2558	rVB	772166	1135725	13.40%	1.597%
53	18.174	2559	2565	2570	rBV	398260	607688	7.17%	0.855%
54	18.245	2570	2577	2581	rVV2	1011470	1813347	21.39%	2.550%
55	18.280	2581	2583	2592	rVB	377688	436622	5.15%	0.614%
56	18.498	2614	2620	2623	rBV4	34691	72298	0.85%	0.102%
57	18.545	2623	2628	2633	rVV	490835	659658	7.78%	0.928%
58	18.792	2666	2670	2674	rBV	100398	126333	1.49%	0.178%
59	18.845	2675	2679	2682	rBV	120538	137555	1.62%	0.193%
60	18.880	2682	2685	2690	rVB	113141	149176	1.76%	0.210%
61	18.962	2693	2699	2703	rBV2	273405	501852	5.92%	0.706%
62	19.033	2705	2711	2713	rBV3	159128	252235	2.98%	0.355%
63	19.103	2719	2723	2733	rVB3	149121	329030	3.88%	0.463%
64	19.227	2738	2744	2750	rBV	6234978	8476318	100.00%	11.919%
65	19.292	2751	2755	2757	rBV	71452	85184	1.00%	0.120%
66	19.327	2757	2761	2765	rVB3	102773	130310	1.54%	0.183%
67	19.380	2765	2770	2774	rBV	493252	685659	8.09%	0.964%
68	19.468	2780	2785	2788	rBV3	74920	128771	1.52%	0.181%
69	19.556	2795	2800	2802	rBV3	1085270	1512413	17.84%	2.127%
70	19.586	2802	2805	2814	rVV	1970875	3024731	35.68%	4.253%
71	19.662	2814	2818	2824	rVB2	260660	416845	4.92%	0.586%
72	19.768	2831	2836	2842	rVB	360105	488029	5.76%	0.686%
73	19.827	2843	2846	2854	rVB3	71784	119940	1.42%	0.169%
74	19.909	2854	2860	2869	rBV3	319519	858390	10.13%	1.207%
75	20.044	2878	2883	2885	rBV2	255013	407590	4.81%	0.573%
76	20.080	2885	2889	2895	rVB	983486	1406014	16.59%	1.977%

LSC Area Percent Report

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Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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	20.180	2902	2906	2910	rBV	897338	1144699	13.50%	1.610%
78	20.239	2910	2916	2921	rVB2	349285	657186	7.75%	0.924%
79	20.321	2926	2930	2936	rBV3	100169	220506	2.60%	0.310%
80	20.380	2937	2940	2943	rVV2	120407	169797	2.00%	0.239%
81	20.427	2943	2948	2958	rVB2	227639	435533	5.14%	0.612%
82	20.550	2966	2969	2975	rVB	300381	361744	4.27%	0.509%
83	20.674	2986	2990	2992	rBV3	100493	135014	1.59%	0.190%
84	20.786	3005	3009	3013	rBV2	155184	267398	3.15%	0.376%
85	20.833	3014	3017	3022	rVB3	131085	219901	2.59%	0.309%
86	20.991	3041	3044	3047	rBV	205403	233381	2.75%	0.328%
87	21.027	3047	3050	3054	rVV	355295	418166	4.93%	0.588%
88	21.074	3054	3058	3062	rVV2	235778	375788	4.43%	0.528%
89	21.297	3093	3096	3097	rBV2	99173	112933	1.33%	0.159%
90	21.333	3097	3102	3107	rVV2	3477654	6441882	76.00%	9.059%
91	21.380	3107	3110	3120	rVB	2163192	2733711	32.25%	3.844%
92	21.497	3127	3130	3135	rBV3	153230	281551	3.32%	0.396%
93	21.550	3135	3139	3143	rVV	193610	285807	3.37%	0.402%
94	21.897	3194	3198	3202	rVB	382549	525116	6.20%	0.738%
95	22.050	3221	3224	3228	rVB2	193317	231998	2.74%	0.326%
96	22.097	3229	3232	3234	rBV	142987	181206	2.14%	0.255%
97	22.933	3368	3374	3379	rBV	1358241	3259370	38.45%	4.583%
98	23.103	3399	3403	3408	rVB	379204	613861	7.24%	0.863%
99	23.509	3469	3472	3479	rVB	369767	647297	7.64%	0.910%
100	23.615	3484	3490	3496	rVV2	1024030	1966165	23.20%	2.765%

Sum of corrected areas: 71113715

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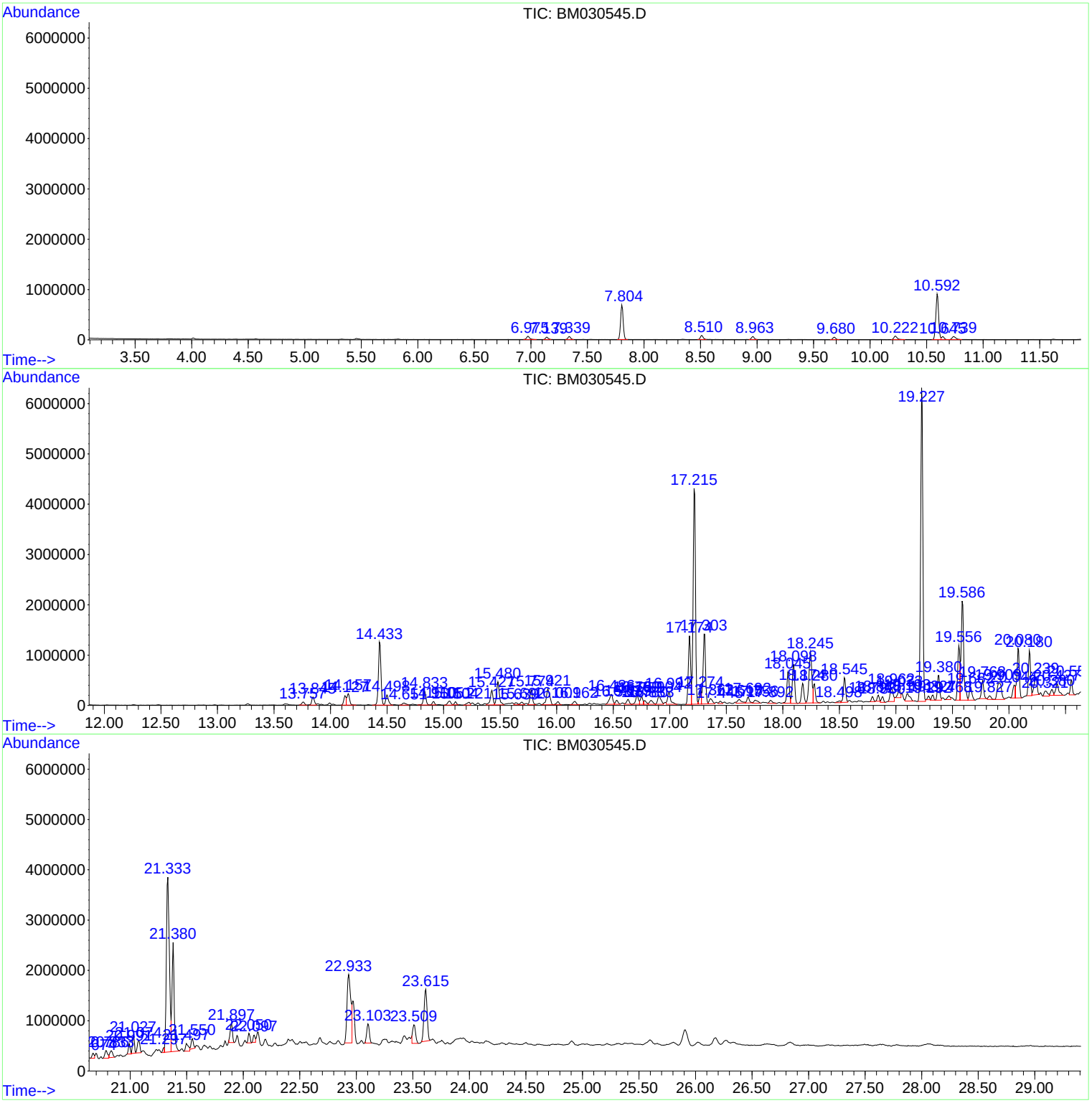
Instrument :
BNA_M
ClientSampleId :
BGDF4DL

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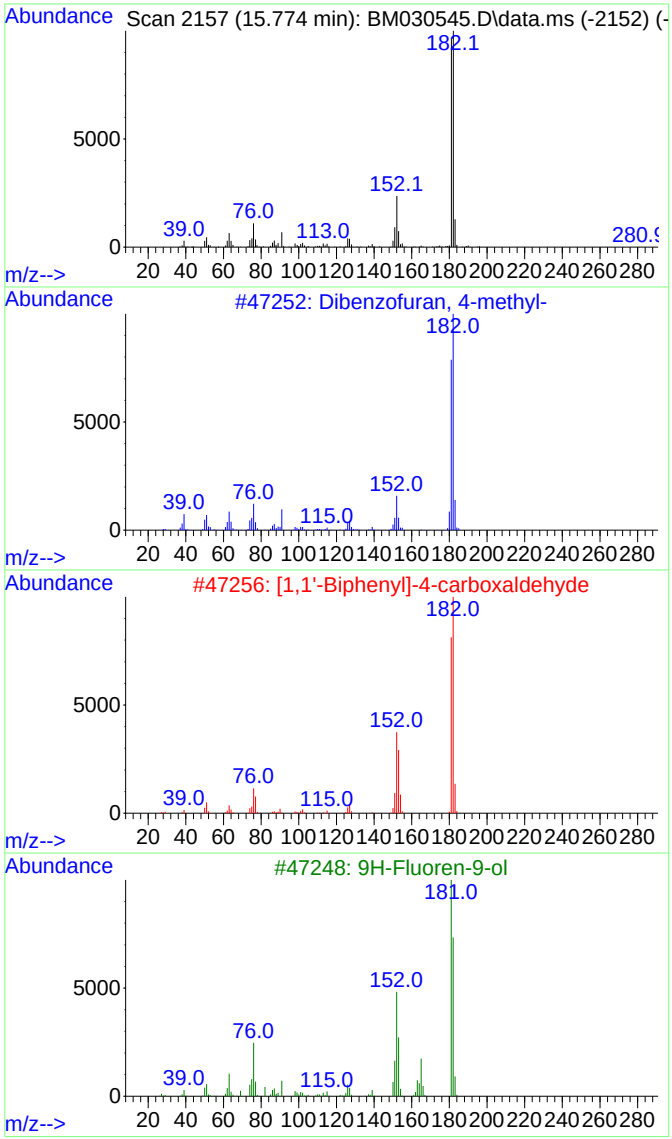
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

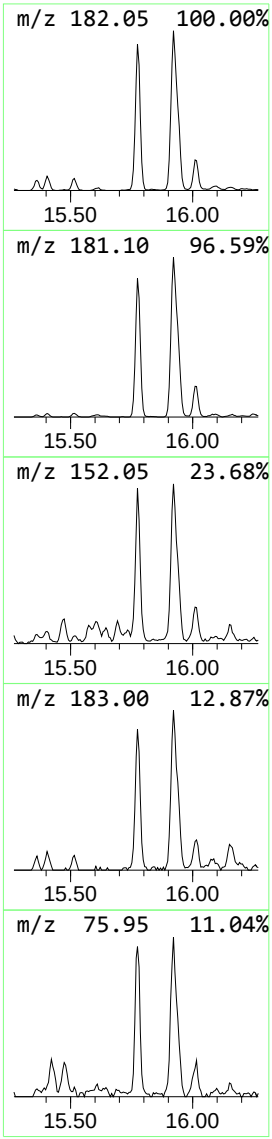
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.770	4.52 ng/ul	436479	Acenaphthene-d10	14.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	92
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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

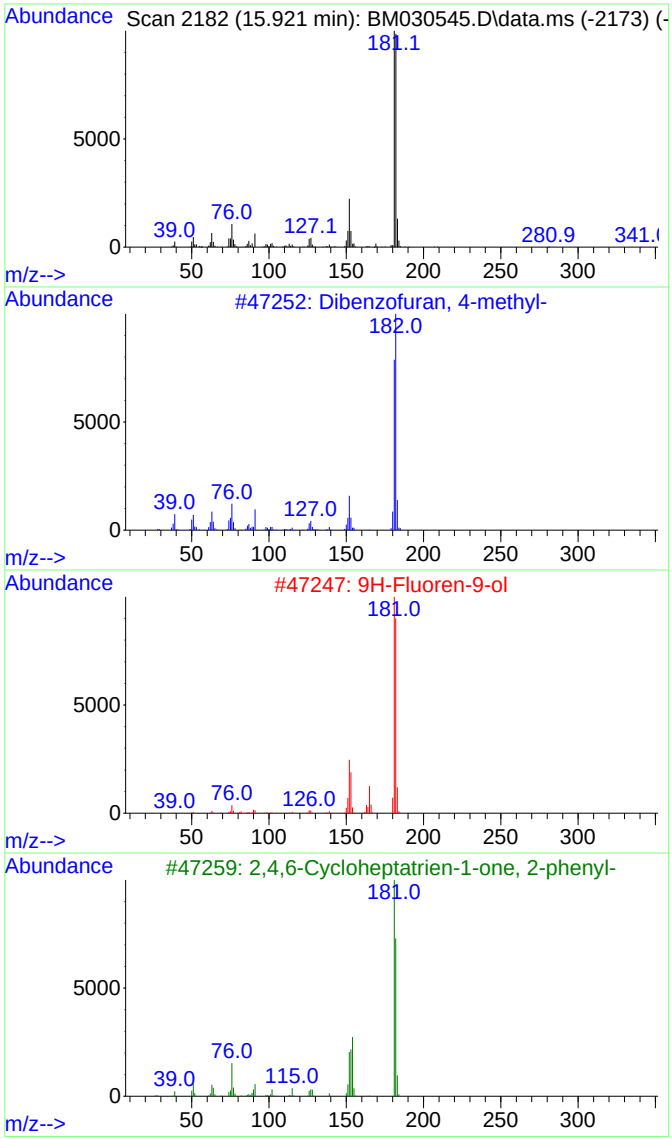
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

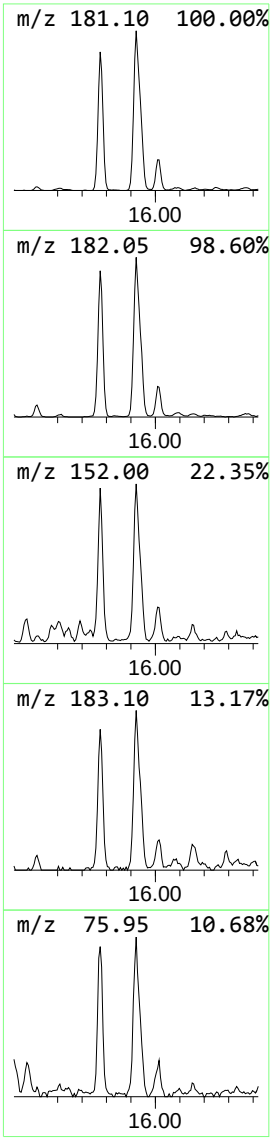
****

Peak Number 2 9H-Fluoren-9-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	6.56 ng/ul	648105	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	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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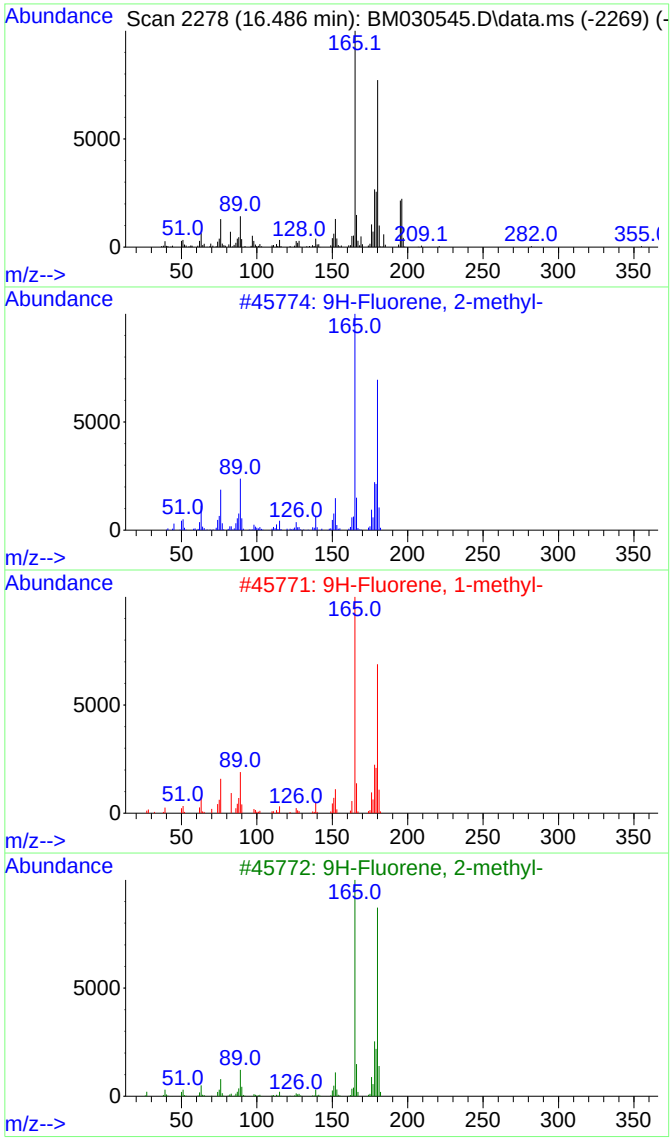
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

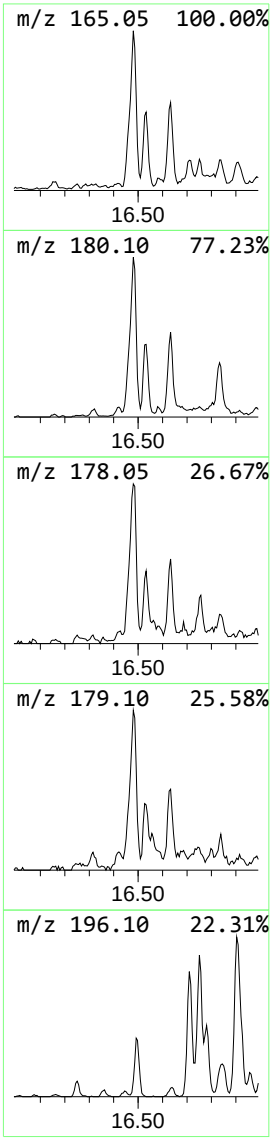
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	4.20 ng/ul	414417	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

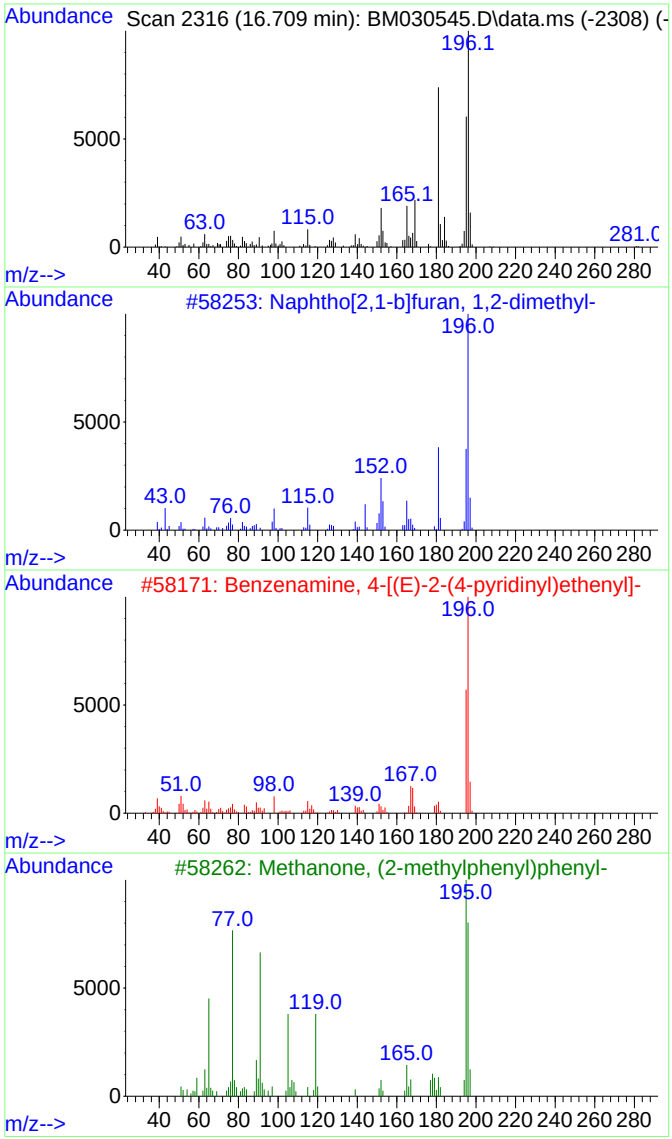
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

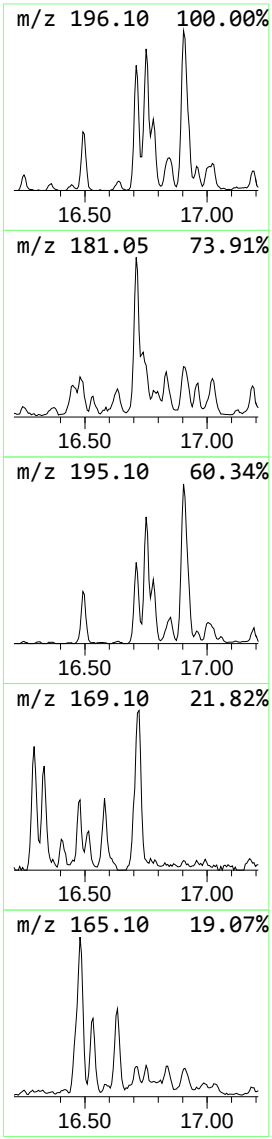
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	3.19 ng/ul	315159	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	52
2	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	43
4	8-Methyl-4-azafluorene	181	C13H11N	064292-00-8	38
5	4-Methylcarbazole	181	C13H11N	003770-48-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

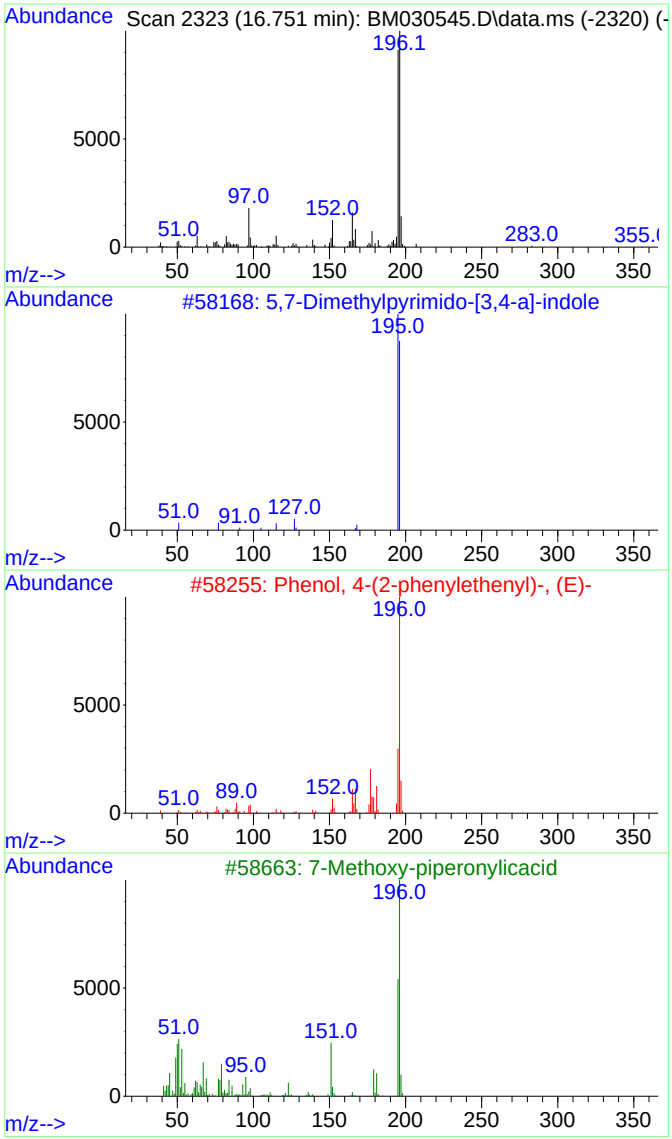
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

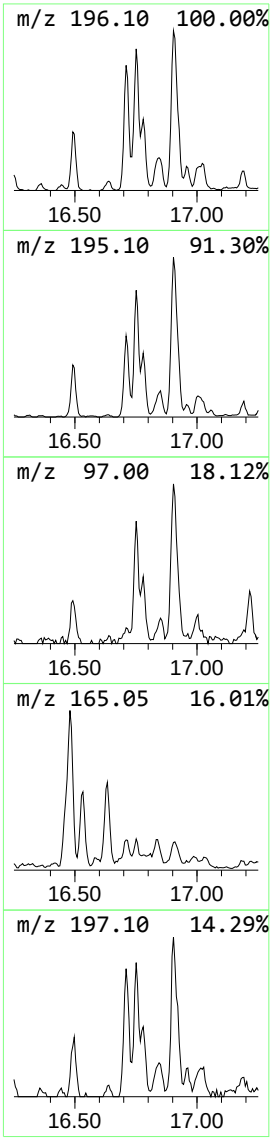
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,7-Dimethylpyrimido-[3,4-a... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.750	2.35 ng/ul	232478	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	59
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
3	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	49
4	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	47
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47





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Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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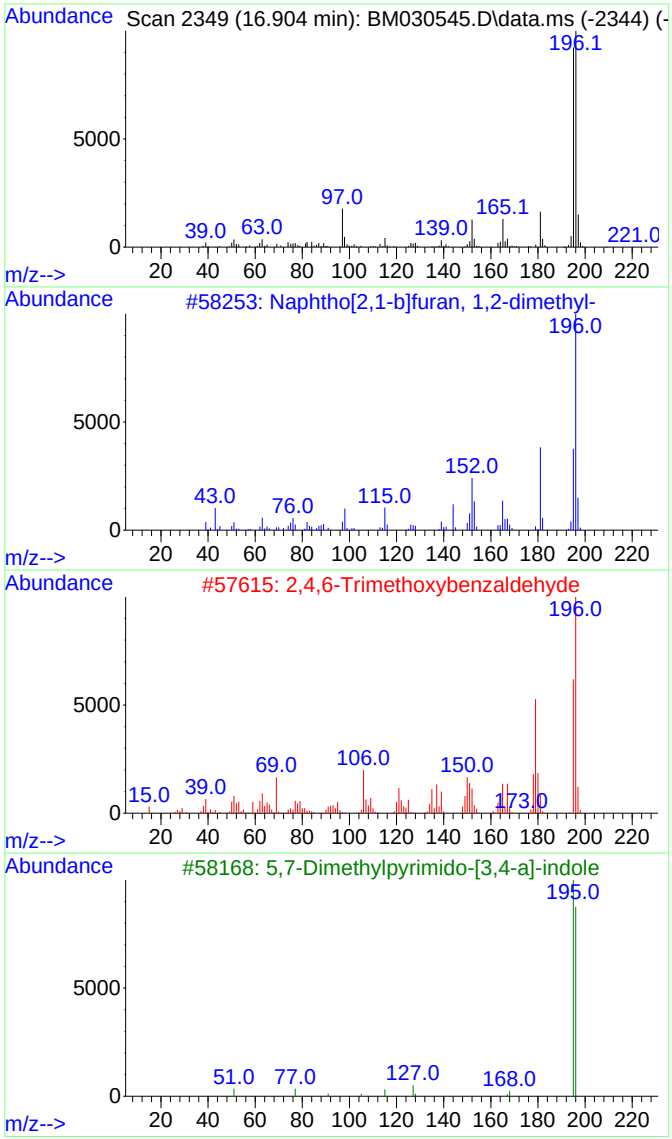
Quant Title : SVOA CALIBRATION

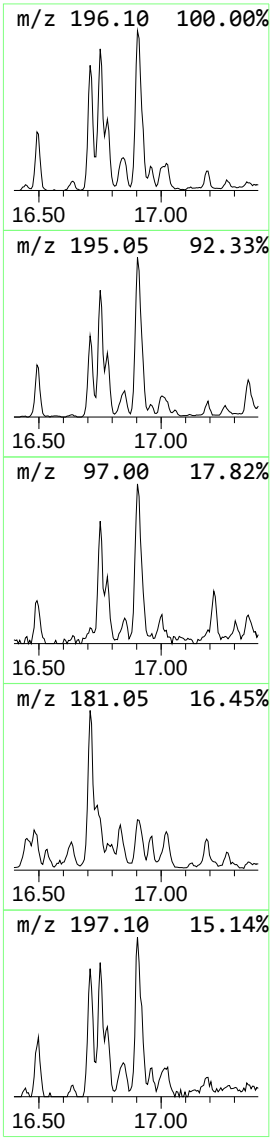
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,4,6-Trimethoxybenzaldehyde Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.900	3.49 ng/ul	344572	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	53
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52





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Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

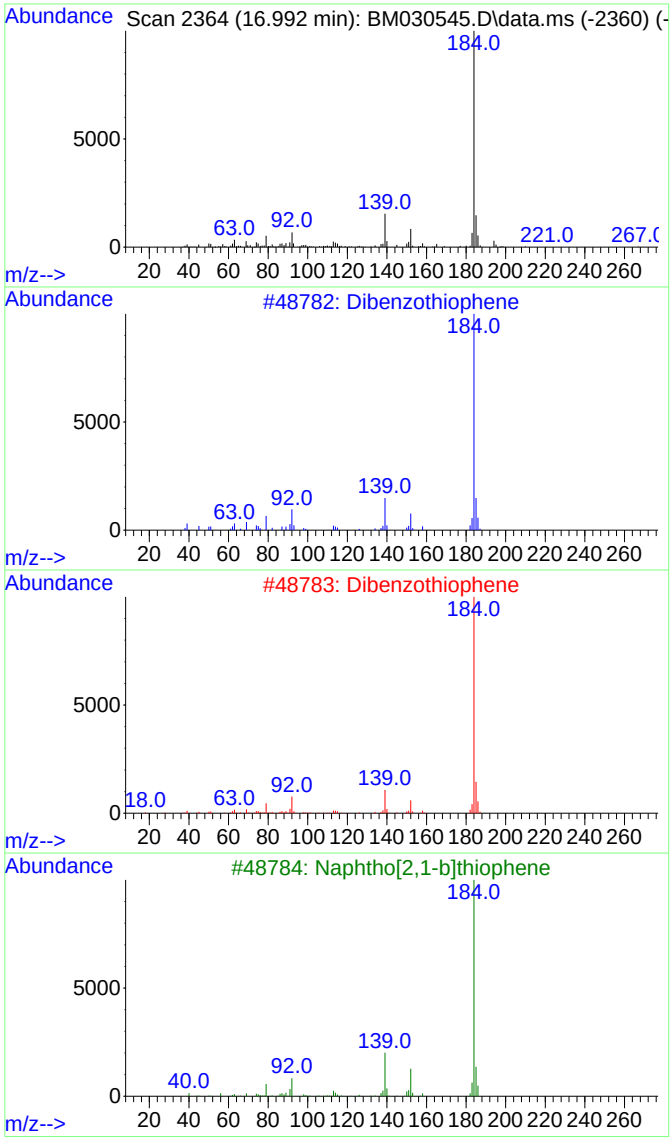
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

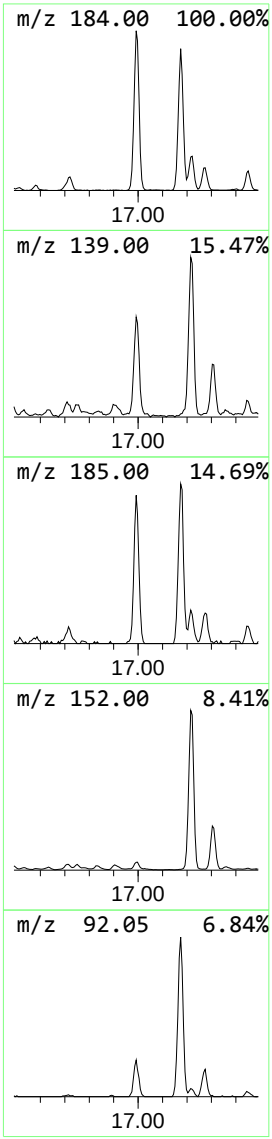
****

Peak Number 7 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	4.53 ng/ul	447734	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Sample : M2662-04DL 10X
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Instrument : BNA_M
ClientSampleId : BGDF4DL

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Quant Title : SVOA CALIBRATION

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

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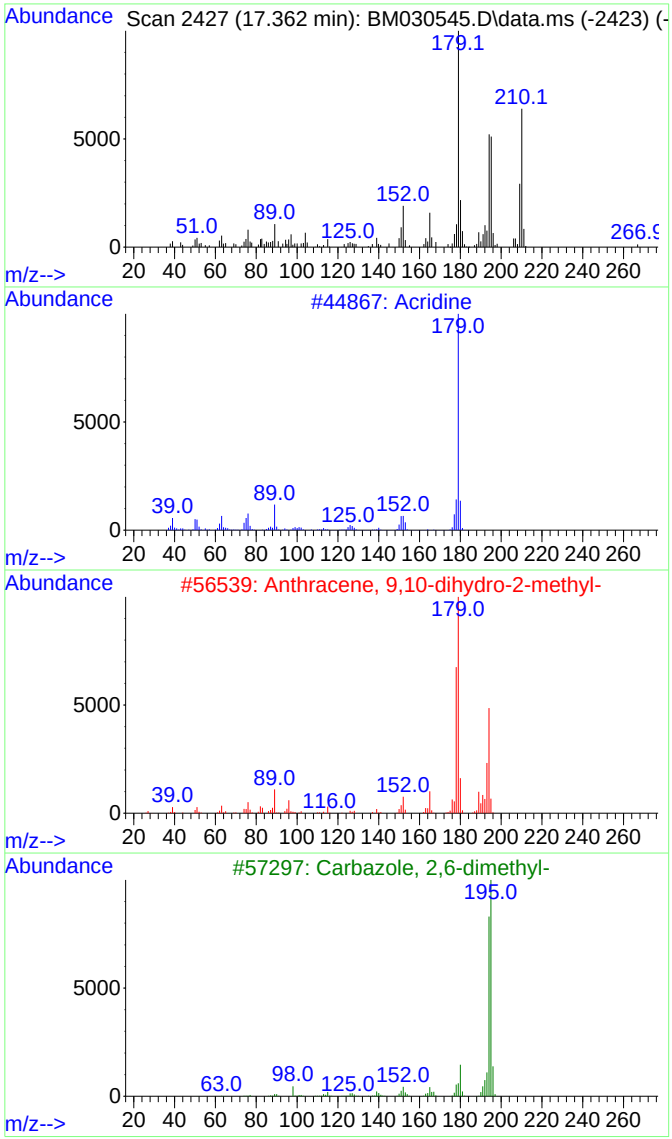
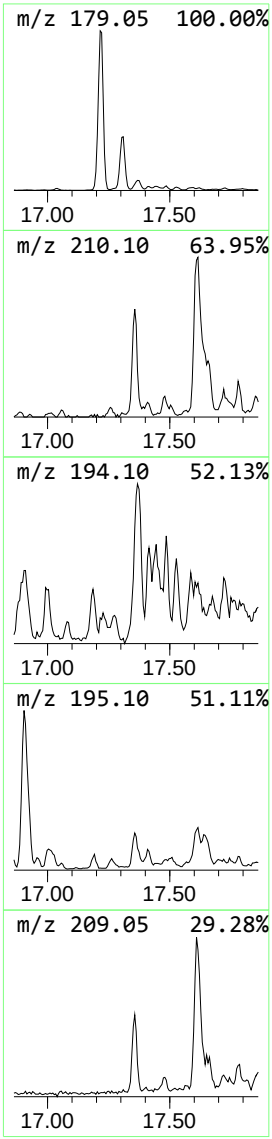
Peak Number 8 Acridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.360	2.08 ng/ul	205104	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	60
2	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	49
3	Carbazole, 2,6-dimethyl-	195	C14H13N	078787-80-1	46
4	Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	46
5	Carbazole, 1,5-dimethyl-	195	C14H13N	051640-60-9	46





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Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

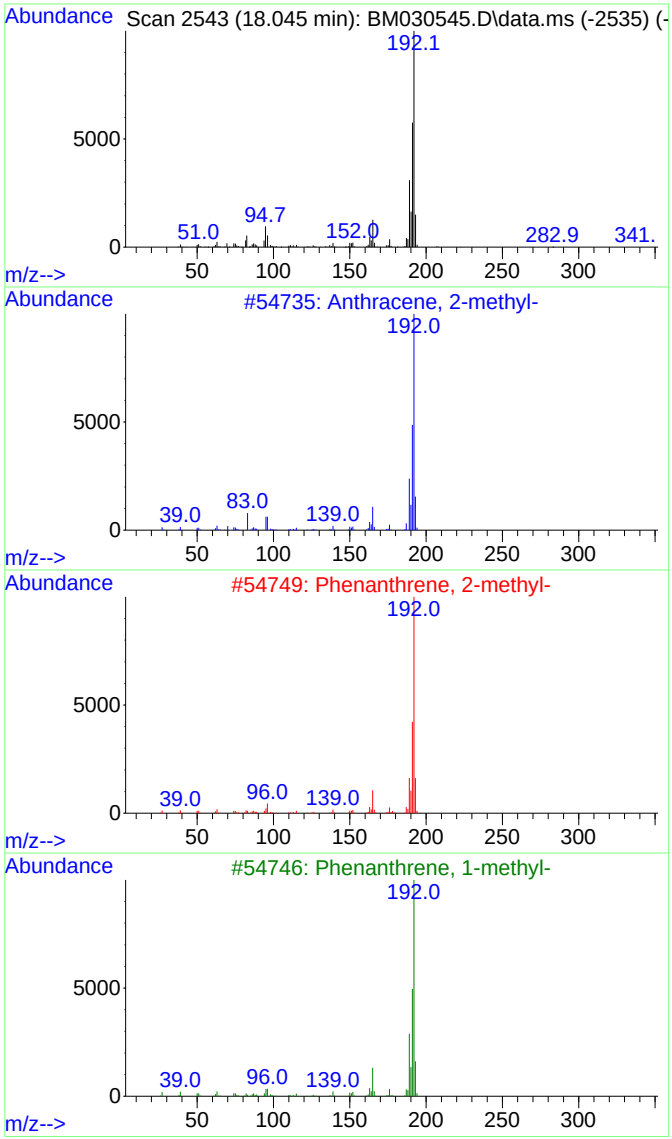
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

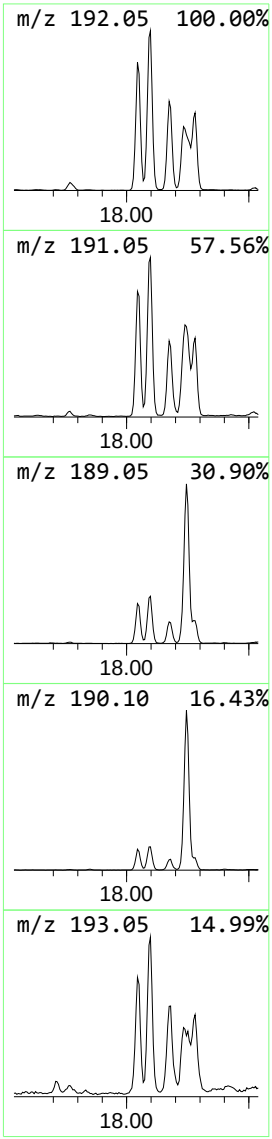
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.040	9.18 ng/ul	906999	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

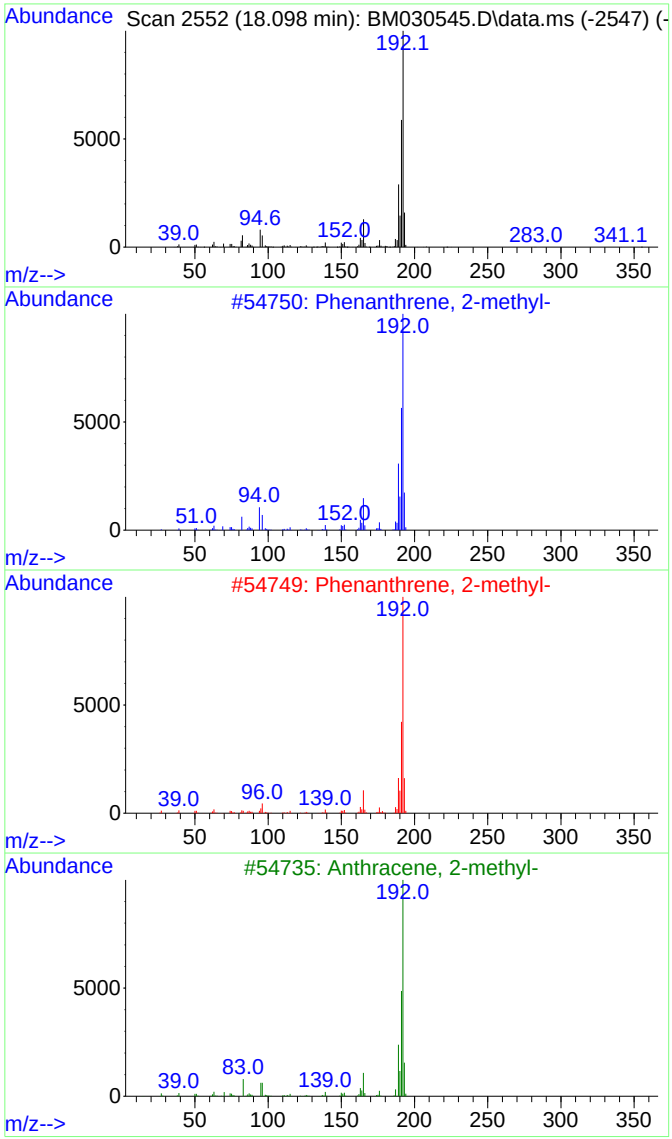
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

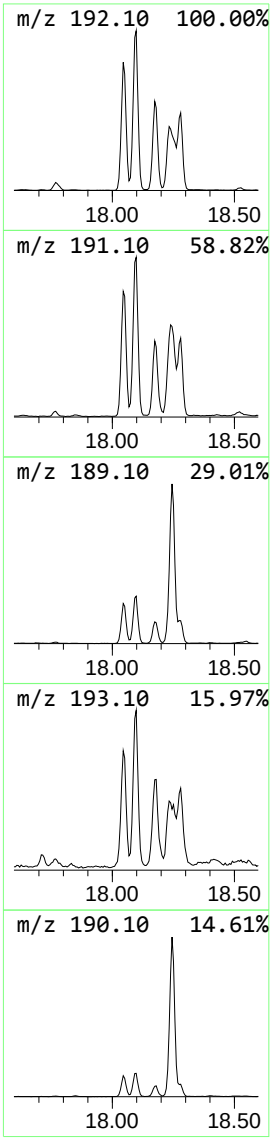
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	11.50 ng/ul	1135730	Phenanthrene-d10	17.174

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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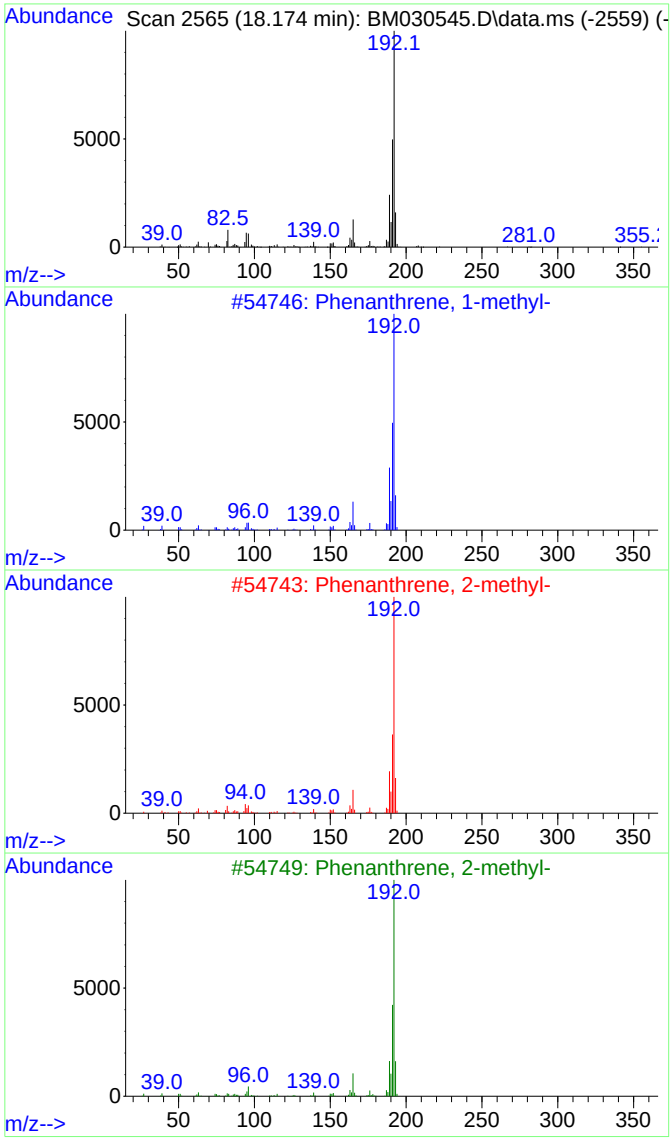
Quant Title : SVOA CALIBRATION

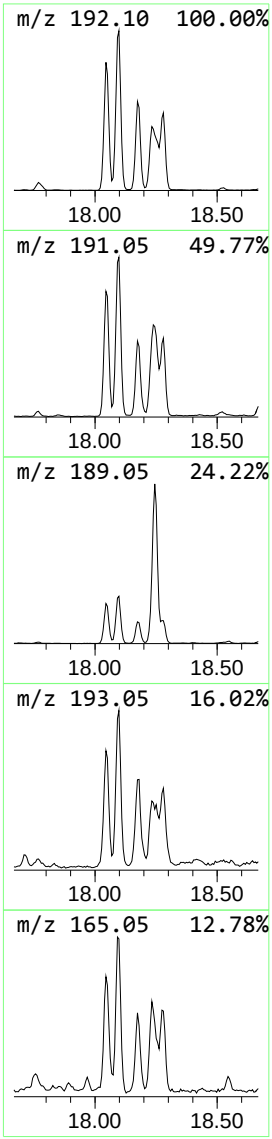
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	6.15 ng/ul	607688	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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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Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

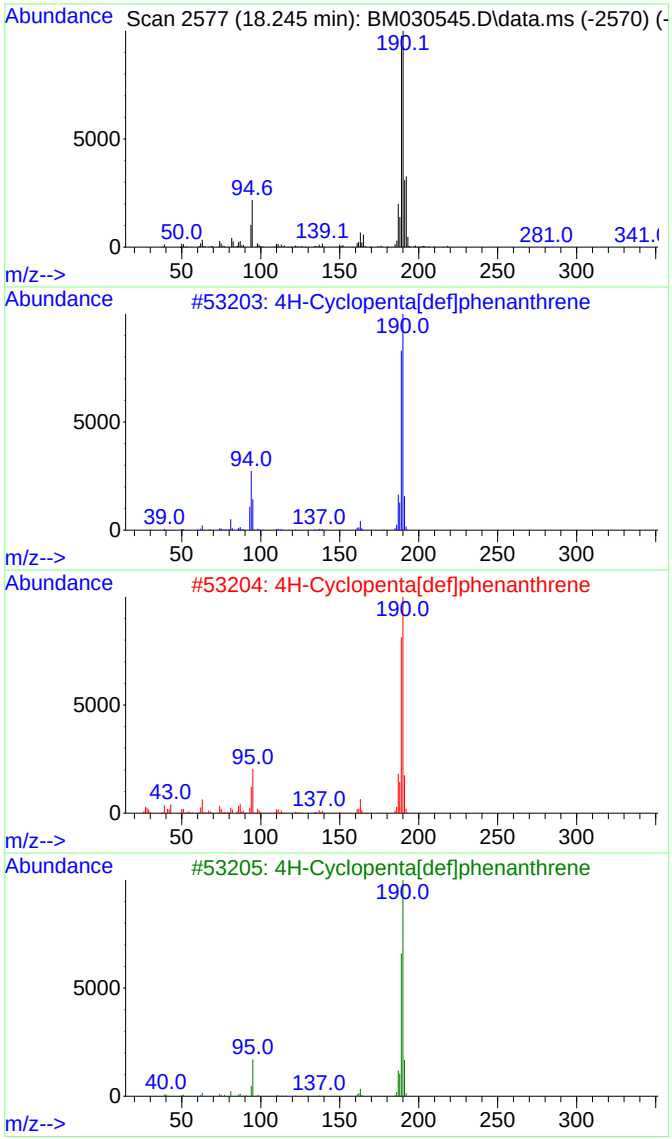
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

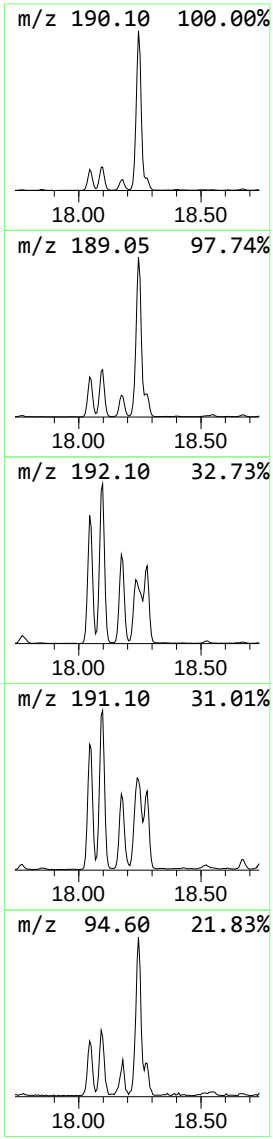
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	18.36 ng/ul	1813350	Phenanthrene-d10	17.174

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	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Misc :
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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 13 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	4.42 ng/ul	436622	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
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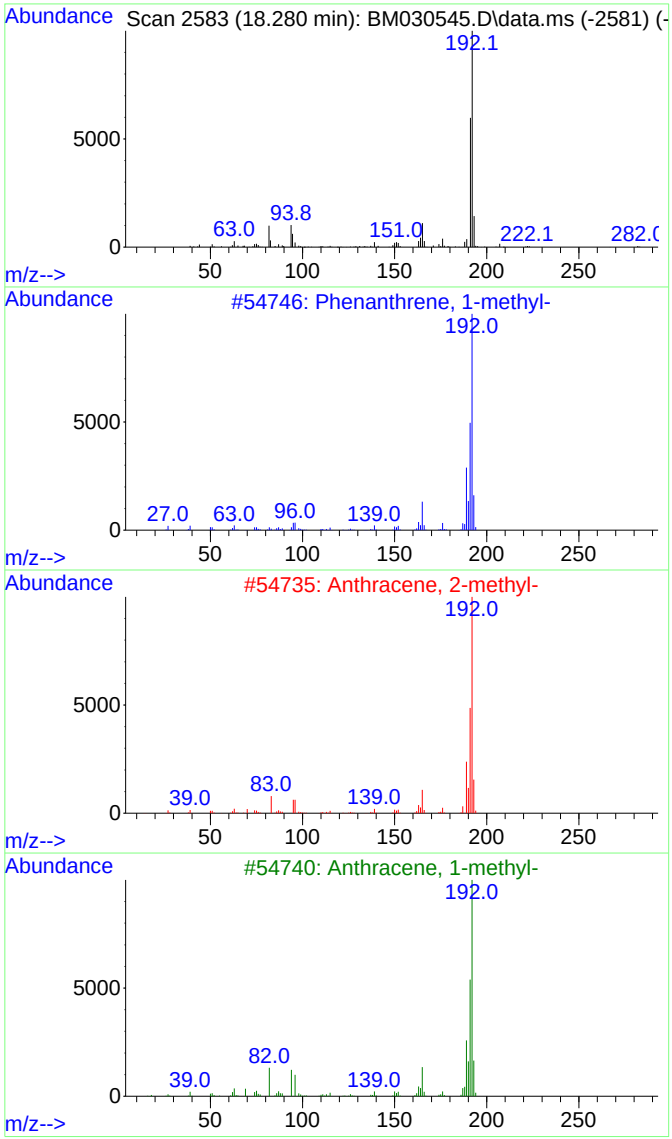
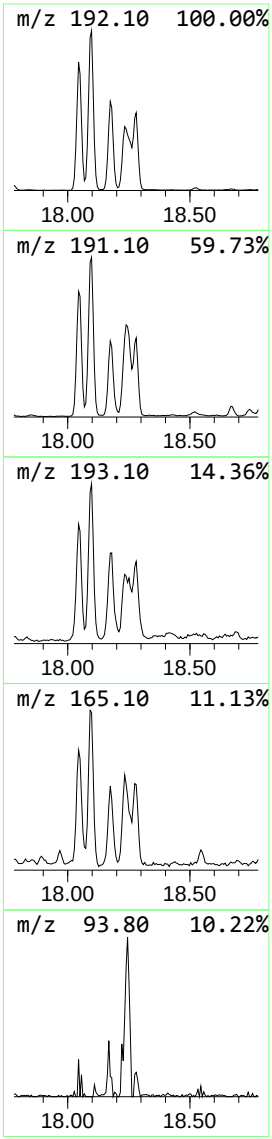
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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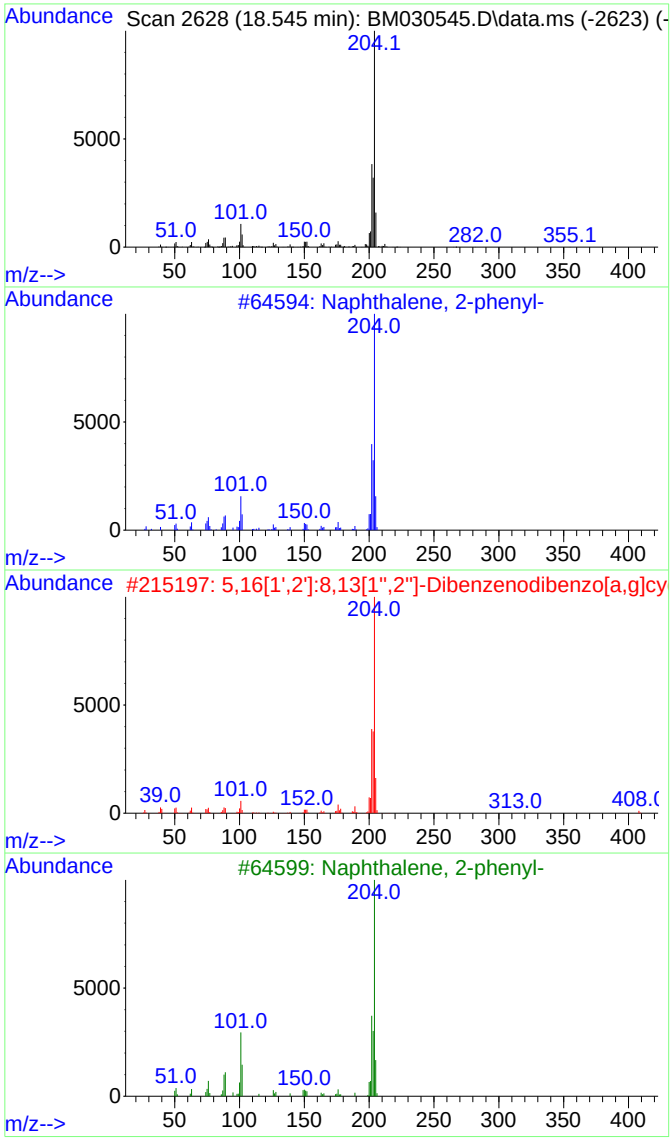
Quant Title : SVOA CALIBRATION

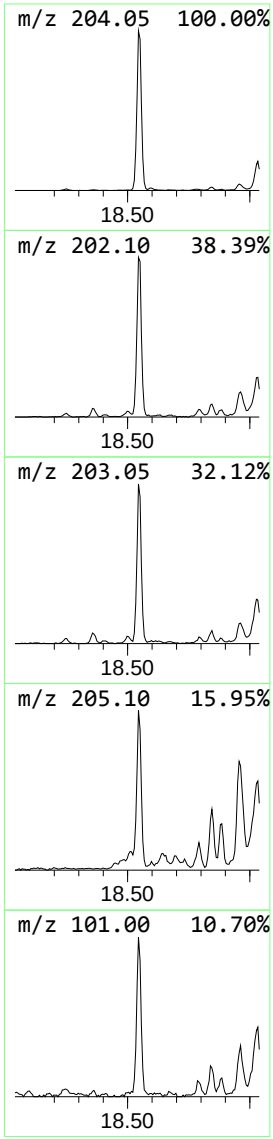
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	6.68 ng/ul	659658	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Misc :
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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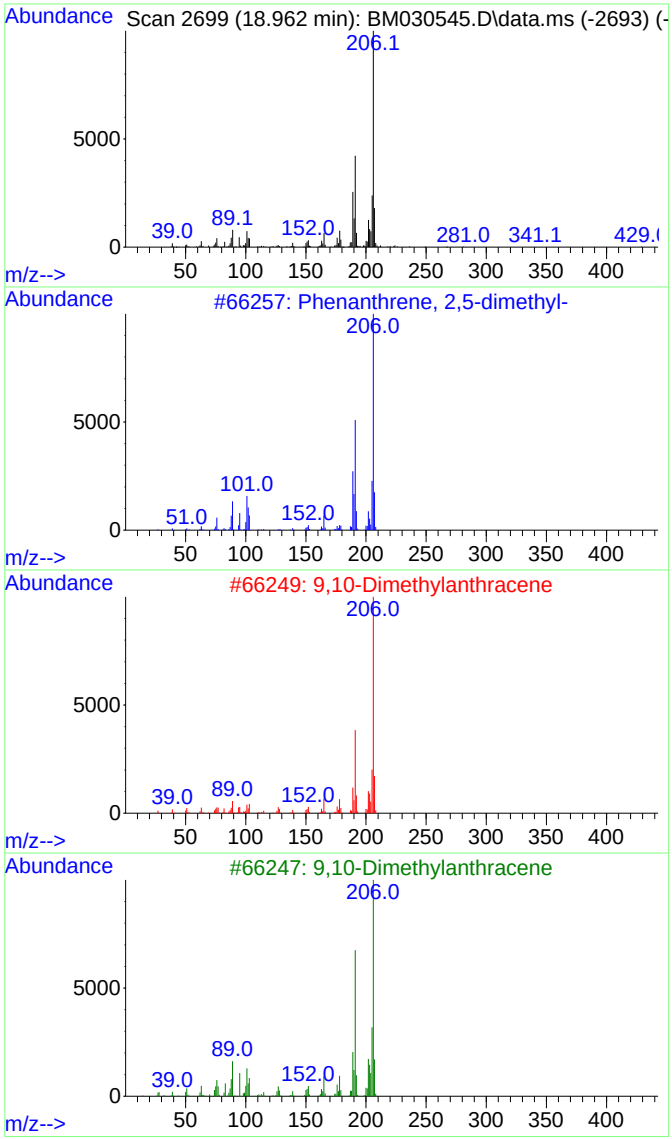
Quant Title : SVOA CALIBRATION

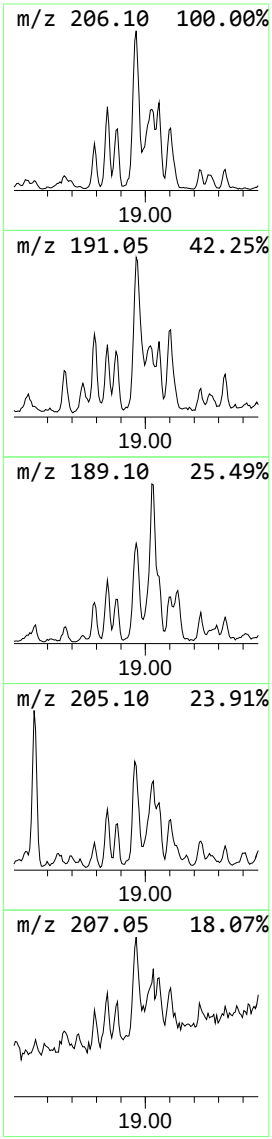
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	5.08 ng/ul	501852	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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Quant Title : SVOA CALIBRATION

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

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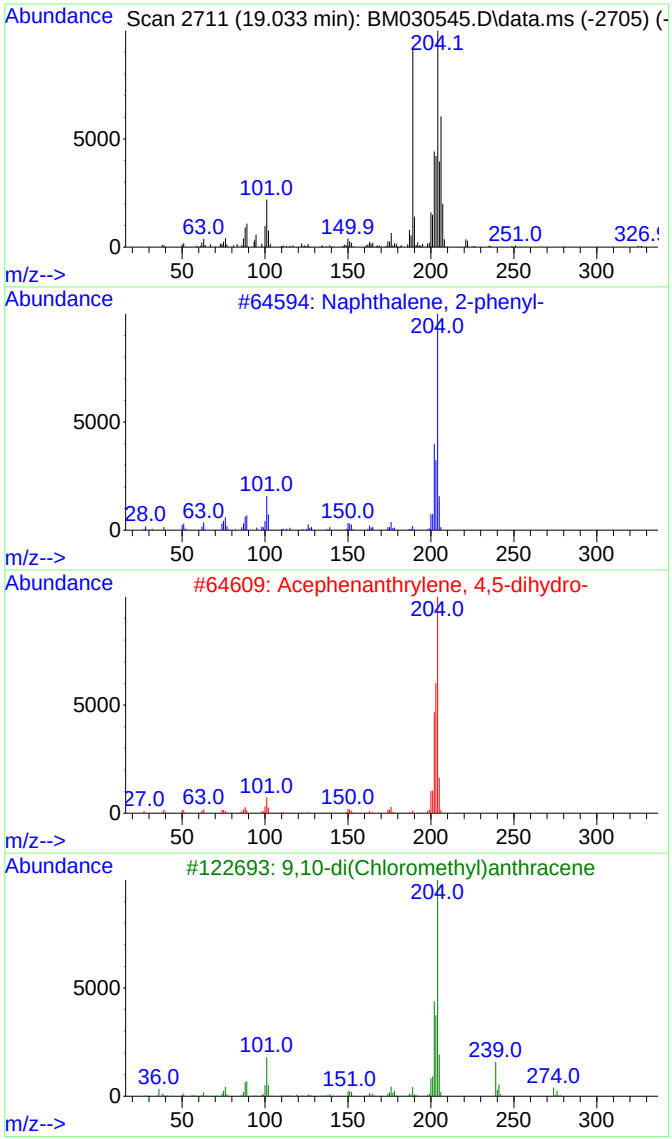
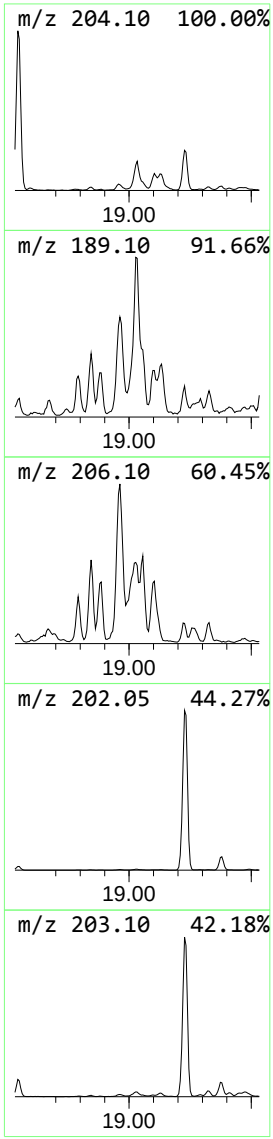
Peak Number 16 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.030	2.55 ng/ul	252235	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	46
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38





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Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

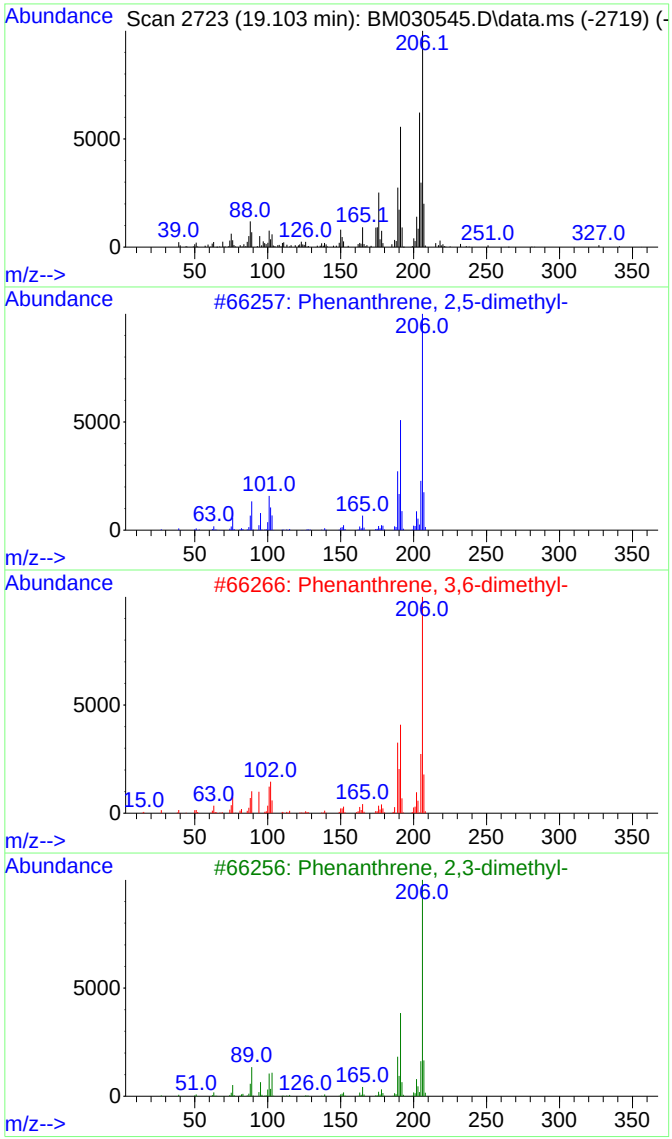
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

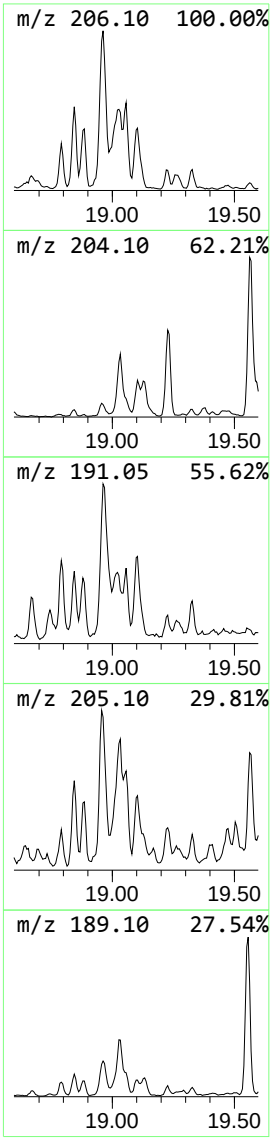
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.100	3.33 ng/ul	329030	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64





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Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

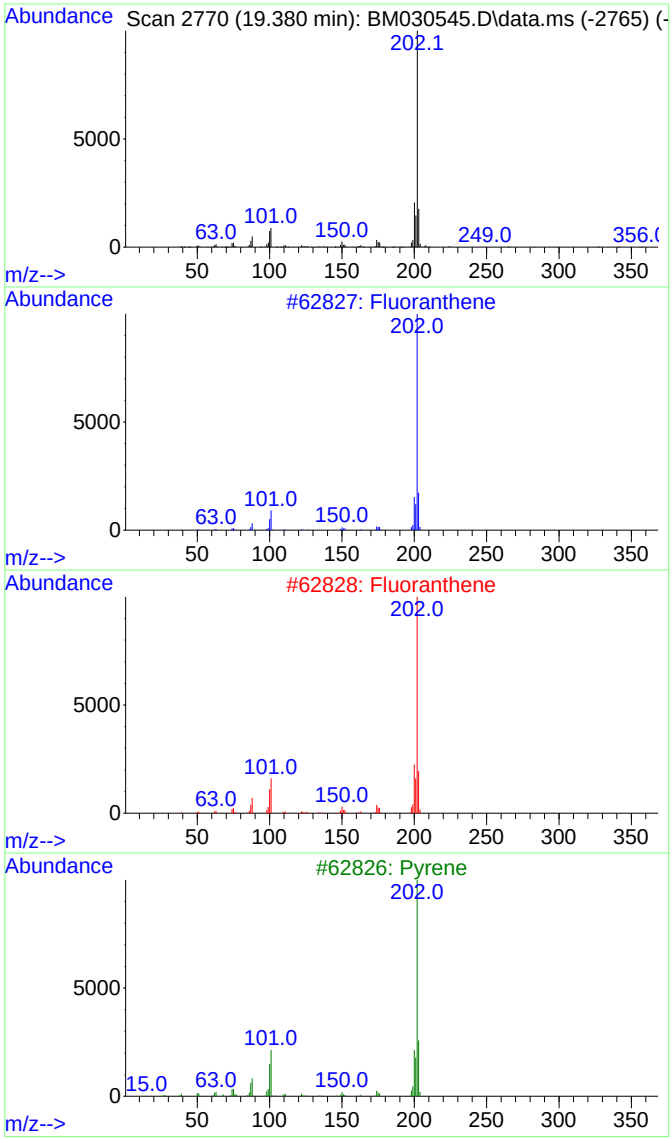
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

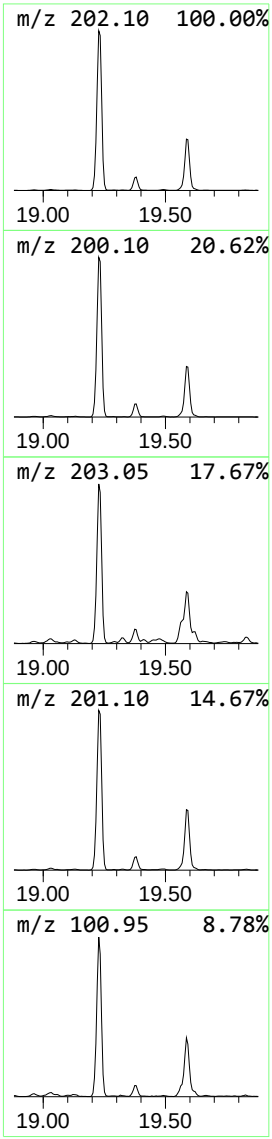
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	2.13 ng/ul	685659	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	90
4	Pyrene	202	C16H10	000129-00-0	81
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76





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Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

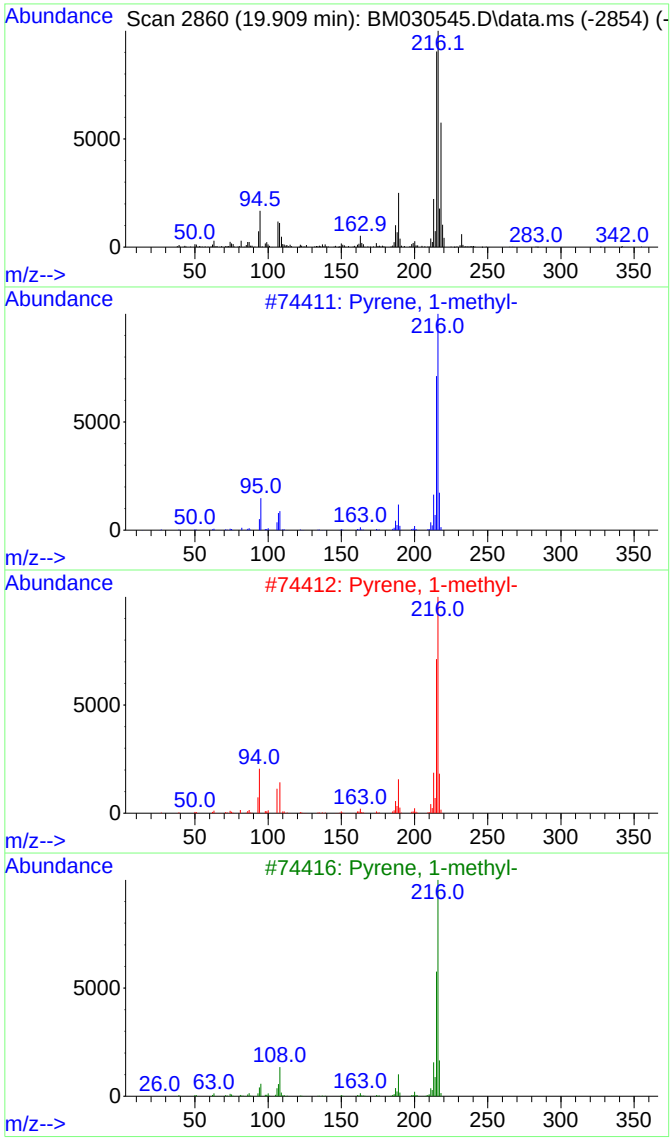
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

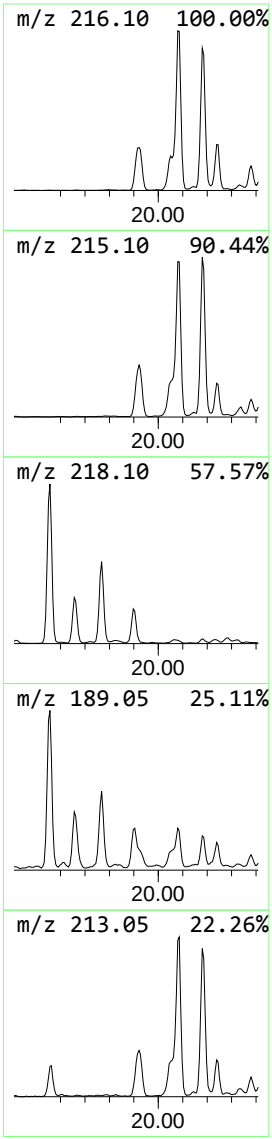
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.910	2.67 ng/ul	858390	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

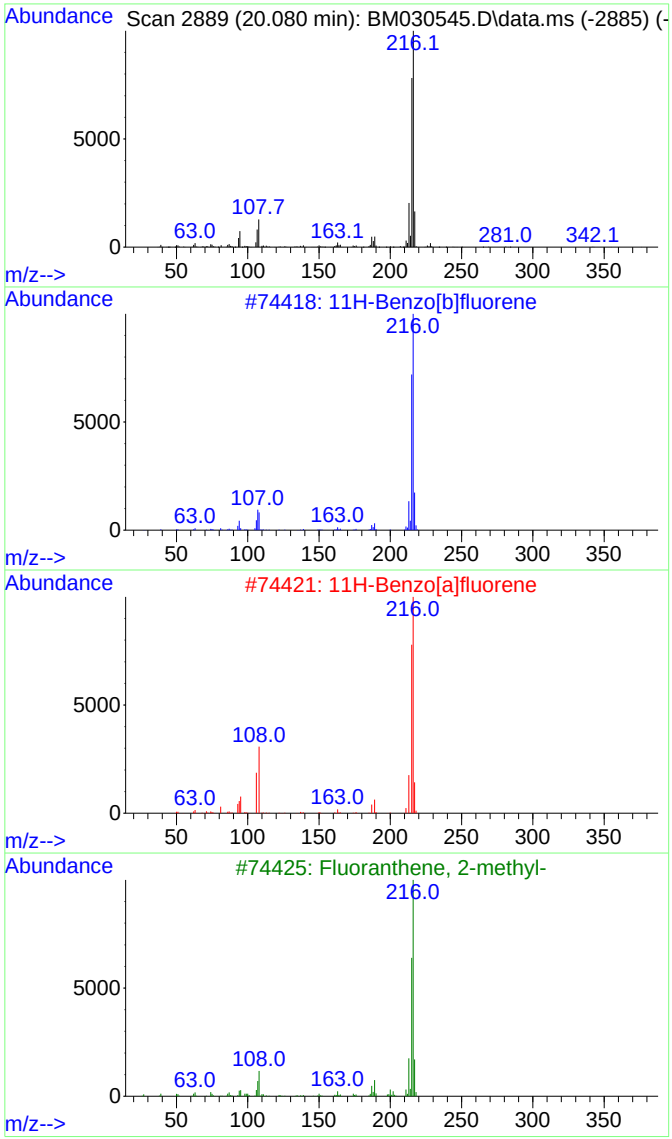
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

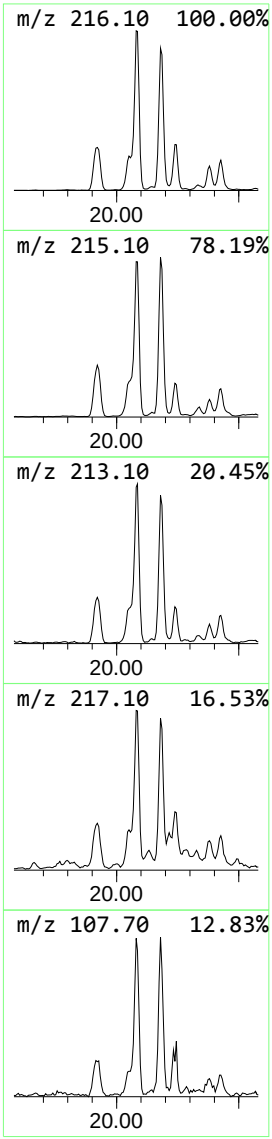
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	4.37 ng/ul	1406010	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

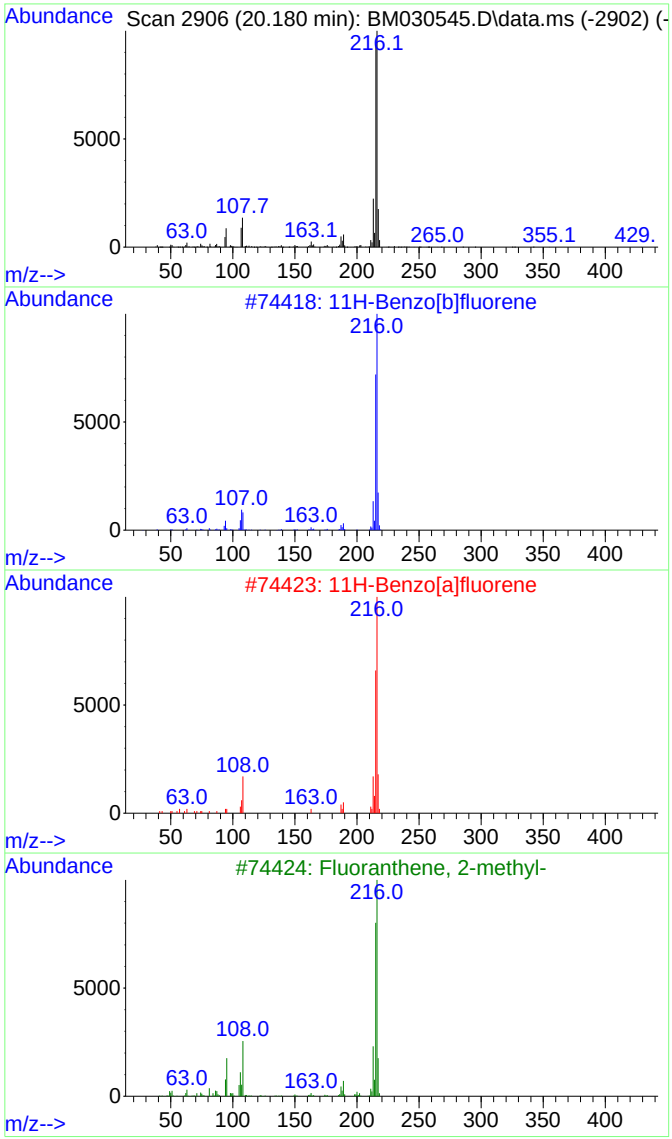
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

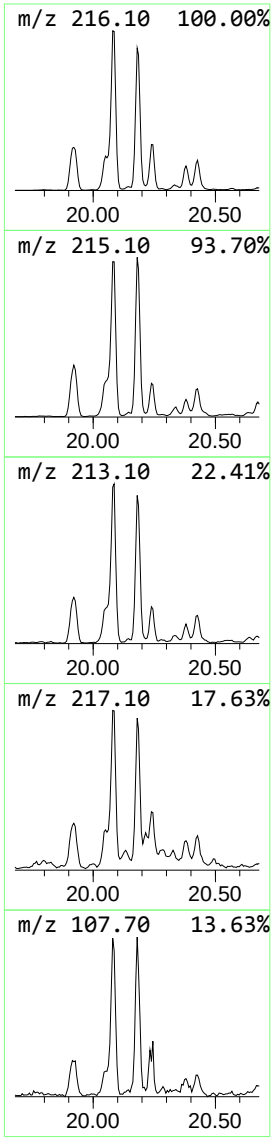
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.55 ng/ul	1144700	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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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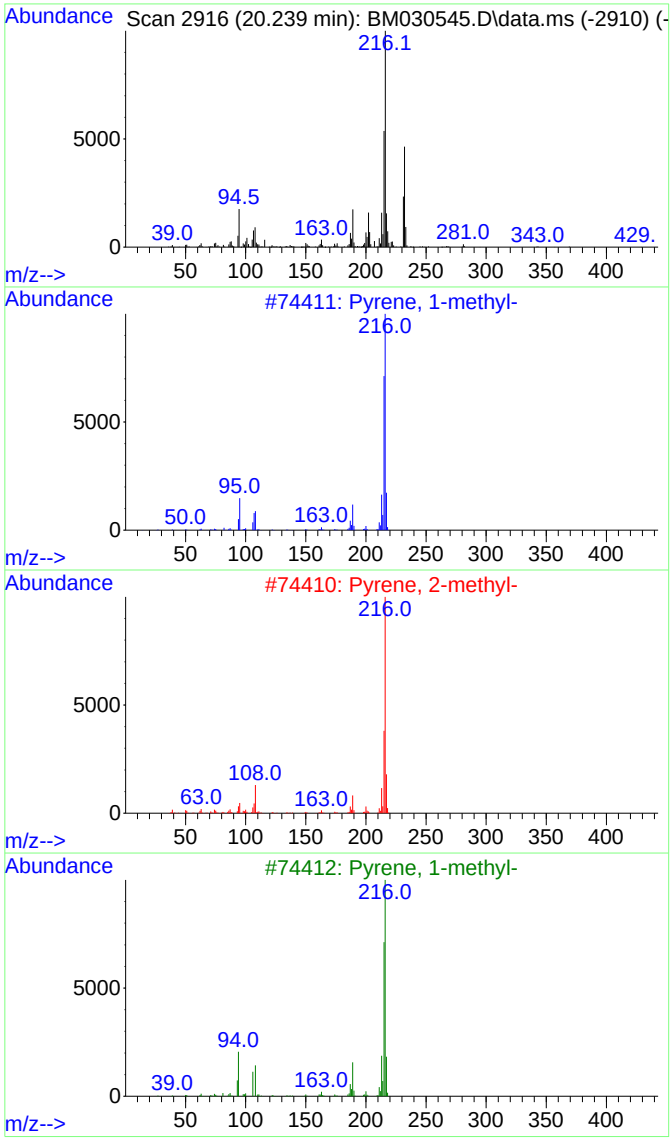
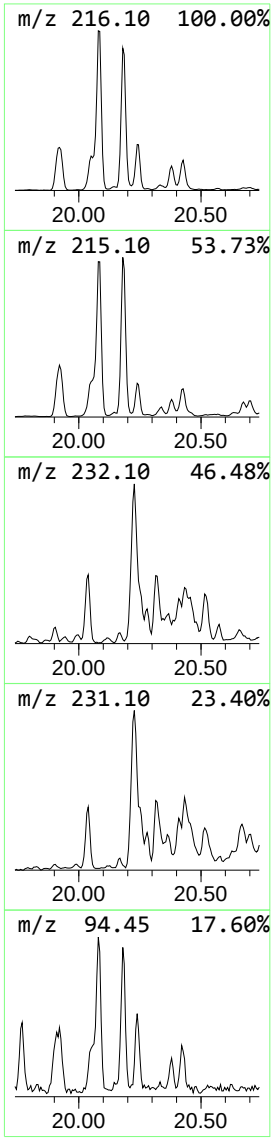
Peak Number 22 Pyrene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.240	2.04 ng/ul	657186	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL

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

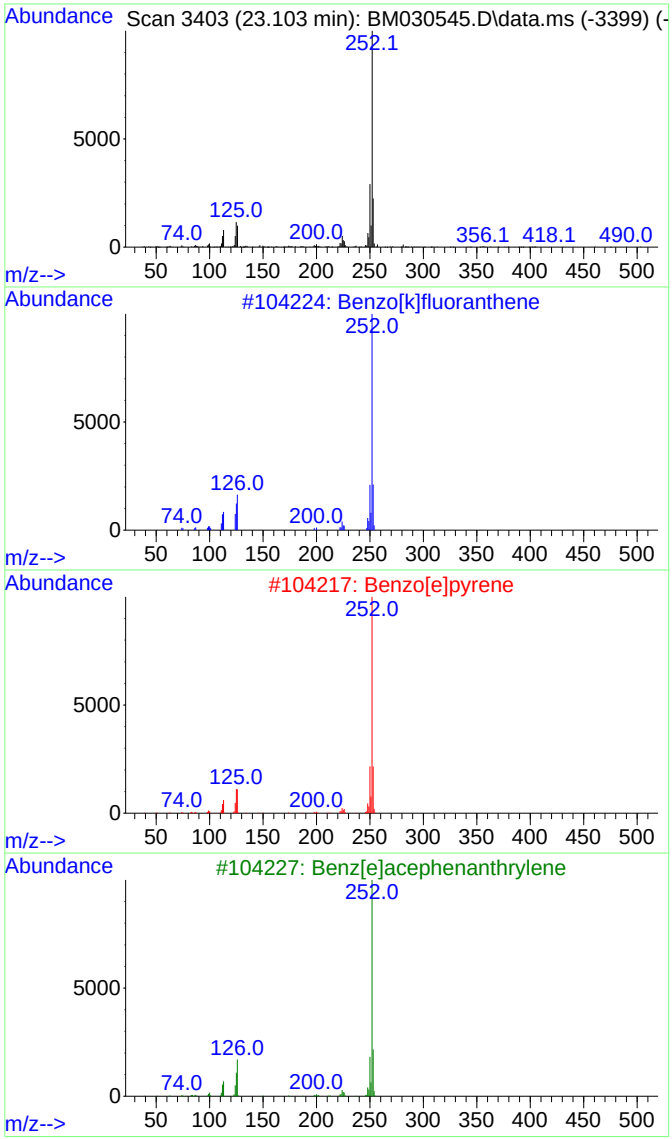
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

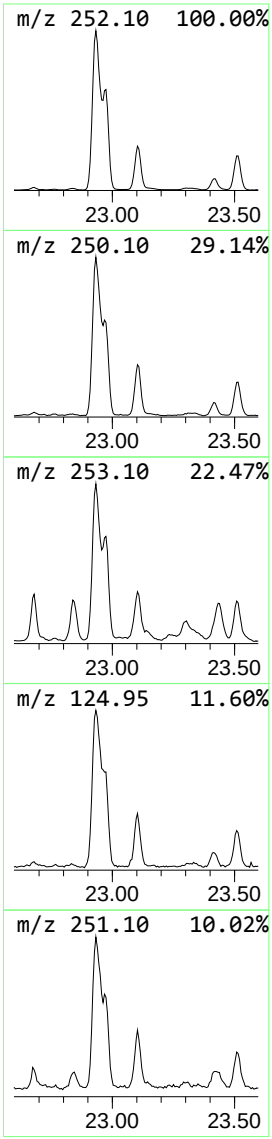
****

Peak Number 23 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.100	6.24 ng/ul	613861	Perylene-d12	23.615

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030545.D
Acq On : 23 Jun 2021 09:54
Operator : CG/JU
Sample : M2662-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL

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
Dibenzofuran, 4...	15.770	4.5	ng/ul	436479	3	14.433	1929370	20.0
9H-Fluoren-9-ol	15.920	6.6	ng/ul	648105	4	17.174	1975680	20.0
9H-Fluorene, 2-...	16.490	4.2	ng/ul	414417	4	17.174	1975680	20.0
Naphtho[2,1-b]f...	16.710	3.2	ng/ul	315159	4	17.174	1975680	20.0
5,7-Dimethylpyr...	16.750	2.4	ng/ul	232478	4	17.174	1975680	20.0
2,4,6-Trimethox...	16.900	3.5	ng/ul	344572	4	17.174	1975680	20.0
Dibenzothiophene	16.990	4.5	ng/ul	447734	4	17.174	1975680	20.0
Acridine	17.360	2.1	ng/ul	205104	4	17.174	1975680	20.0
Anthracene, 2-m...	18.040	9.2	ng/ul	906999	4	17.174	1975680	20.0
Phenanthrene, 2...	18.100	11.5	ng/ul	1135730	4	17.174	1975680	20.0
Phenanthrene, 1...	18.170	6.2	ng/ul	607688	4	17.174	1975680	20.0
4H-Cyclopenta[d...	18.240	18.4	ng/ul	1813350	4	17.174	1975680	20.0
Anthracene, 1-m...	18.280	4.4	ng/ul	436622	4	17.174	1975680	20.0
Naphthalene, 2-...	18.540	6.7	ng/ul	659658	4	17.174	1975680	20.0
Phenanthrene, 2...	18.960	5.1	ng/ul	501852	4	17.174	1975680	20.0
unknown-01	19.030	2.5	ng/ul	252235	4	17.174	1975680	20.0
Phenanthrene, 3...	19.100	3.3	ng/ul	329030	4	17.174	1975680	20.0
Benzene, 1,1'-(...	19.380	2.1	ng/ul	685659	5	21.344	6441880	20.0
Pyrene, 1-methyl-	19.910	2.7	ng/ul	858390	5	21.344	6441880	20.0
11H-Benzo[b]flu...	20.080	4.4	ng/ul	1406010	5	21.344	6441880	20.0
11H-Benzo[a]flu...	20.180	3.5	ng/ul	1144700	5	21.344	6441880	20.0
Pyrene, 2-methyl-	20.240	2.0	ng/ul	657186	5	21.344	6441880	20.0
Benzo[e]pyrene	23.100	6.2	ng/ul	613861	6	23.615	1966170	20.0