LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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: BM030553.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.975	653	661	672	rBV2	44887	86170	1.02%	0.114%
2	7.340	718	723	730	rBV2	44297	72435	0.86%	0.096%
3	7.804	795	802	811	rBV	984691	1554586	18.40%	2.062%
4	8.510	916	922	930	rBV	58842	104162	1.23%	0.138%
5	8.963	993	999	1006	rBV	41929	73343	0.87%	0.097%
6	9.687	1116	1122	1129	rBV	33515	62407	0.74%	0.083%
7	10.228	1208	1214	1226	rBV2	50786	102264	1.21%	0.136%
8	10.592	1268	1276	1282	rBV	1387656	2349279	27.81%	3.116%
9	10.645	1282	1285	1291	rVB	44052	69316	0.82%	0.092%
10	10.739	1294	1301	1313	rBV	47035	106236	1.26%	0.141%
11	13.757	1809	1814	1820	rBV2	47684	80674	0.96%	0.107%
12	13.845	1820	1829	1834	rVV	141609	221892	2.63%	0.294%
13	13.992	1846	1854	1858	rBV	35053	57760	0.68%	0.077%
14	14.127	1871	1877	1879	rBV	152042	231091	2.74%	0.307%
15	14.157	1879	1882	1890	rVB	179950	265610	3.14%	0.352%
16	14.433	1919	1929	1936	rBV	2213192	3298850	39.05%	4.376%
17	14.498	1936	1940	1949	rVV2	170231	281529	3.33%	0.373%
18	14.645	1959	1965	1974	rBV5	32680	82968	0.98%	0.110%
19	14.833	1986	1997	2004	rBV	221626	344985	4.08%	0.458%
20	14.910	2004	2010	2015	rBV	57837	78602	0.93%	0.104%
21	15.051	2026	2034	2039	rBV3	65191	132987	1.57%	0.176%
22	15.104	2039	2043	2055	rVB	56092	89660	1.06%	0.119%
23	15.221	2055	2063	2066	rBV2	45944	96488	1.14%	0.128%
24	15.427	2090	2098	2102	rVV	242290	384470	4.55%	0.510%
25	15.480	2102	2107	2116	rVB	369149	614640	7.28%	0.815%
26	15.692	2138	2143	2146	rVV3	40741	62497	0.74%	0.083%
27	15.774	2152	2157	2165	rVB	241031	354307	4.19%	0.470%
28	15.921	2172	2182	2190	rVB	271427	574714	6.80%	0.762%
29	16.010	2190	2197	2205	rVB2	58582	98634	1.17%	0.131%
30	16.157	2216	2222	2232	rVB3	60691	113948	1.35%	0.151%
31	16.480	2269	2277	2282	rVV2	172844	362760	4.29%	0.481%
32	16.533	2282	2286	2291	rVB	69776	99721	1.18%	0.132%
33	16.633	2297	2303	2308	rVB	83399	136199	1.61%	0.181%
34	16.710	2308	2316	2320	rBV2	166838	279164	3.30%	0.370%
35	16.751	2320	2323	2326	rVV2	123559	168276	1.99%	0.223%
36	16.833	2333	2337	2343	rVB4	68827	117676	1.39%	0.156%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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	16.904	2343	2349	2356	rBV	154551	289152	3.42%	0.384%
38	16.992	2360	2364	2369	rVB	196446	270456	3.20%	0.359%
39	17.174	2388	2395	2399	rVV	2588103	4033152	47.74%	5.350%
40	17.215	2399	2402	2408	rVV	4169245	5642760	66.80%	7.485%
41	17.274	2408	2412	2413	rVV	259435	335562	3.97%	0.445%
42	17.304	2413	2417	2423	rVV	1306868	1924828	22.79%	2.553%
43	17.363	2423	2427	2433	rVV4	92608	189587	2.24%	0.251%
44	17.445	2438	2441	2445	rVV2	40943	69248	0.82%	0.092%
45	17.610	2460	2469	2476	rBV5	79689	234761	2.78%	0.311%
46	17.692	2479	2483	2490	rVV	109525	167258	1.98%	0.222%
47	17.757	2490	2494	2502	rVB6	54050	126922	1.50%	0.168%
48	17.892	2513	2517	2526	rVB3	56710	113369	1.34%	0.150%
49	18.045	2538	2543	2547	rVV	604303	862481	10.21%	1.144%
50	18.092	2547	2551	2557	rVB	766074	1105656	13.09%	1.467%
51	18.174	2559	2565	2570	rBV	394741	571622	6.77%	0.758%
52	18.245	2570	2577	2581	rVV2	983002	1761248	20.85%	2.336%
53	18.280	2581	2583	2591	rVB	354461	402311	4.76%	0.534%
54	18.504	2614	2621	2623	rBV6	36743	72482	0.86%	0.096%
55	18.545	2623	2628	2633	rVV	478271	637843	7.55%	0.846%
56	18.792	2666	2670	2674	rBV	108105	138514	1.64%	0.184%
57	18.839	2675	2678	2682	rVV	124564	160941	1.91%	0.213%
58	18.880	2682	2685	2689	rVB	115378	149628	1.77%	0.198%
59	18.962	2689	2699	2704	rBV	293677	611701	7.24%	0.811%
60	19.033	2705	2711	2713	rVV2	229545	458271	5.43%	0.608%
61	19.057	2713	2715	2719	rVV	158501	187170	2.22%	0.248%
62	19.104	2719	2723	2732	rVB3	149744	340842	4.03%	0.452%
63	19.227	2738	2744	2751	rBV	6287461	8447380	100.00%	11.205%
64	19.292	2751	2755	2758	rVV	86391	112100	1.33%	0.149%
65	19.327	2758	2761	2765	rVB2	104332	126895	1.50%	0.168%
66	19.380	2765	2770	2774	rBV	457854	644054	7.62%	0.854%
67	19.474	2780	2786	2787	rBV2	75388	123766	1.47%	0.164%
68	19.556	2795	2800	2802	rBV3	1104829	1512578	17.91%	2.006%
69	19.592	2802	2806	2814	rVV	1904140	2978237	35.26%	3.950%
70	19.662	2814	2818	2825	rVB2	261286	417182	4.94%	0.553%
71	19.768	2831	2836	2842	rVB	367094	525351	6.22%	0.697%
72	19.827	2843	2846	2853	rVB3	76395	133337	1.58%	0.177%
73	19.915	2854	2861	2868	rBV4	317407	841836	9.97%	1.117%
74	20.045	2878	2883	2885	rBV2	245125	406931	4.82%	0.540%
75	20.080	2885	2889	2895	rVB	935525	1372951	16.25%	1.821%
76	20.180	2902	2906	2910	rBV	865082	1154894	13.67%	1.532%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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	20.239	2910	2916	2921	rVB2	356962	648663	7.68%	0.860%
78	20.321	2926	2930	2936	rVV3	103857	204072	2.42%	0.271%
79	20.380	2937	2940	2943	rVV	89313	113078	1.34%	0.150%
80	20.427	2944	2948	2952	rVB2	177686	255475	3.02%	0.339%
81	20.551	2966	2969	2974	rVB	324651	388003	4.59%	0.515%
82	20.674	2986	2990	2992	rBV4	99127	141686	1.68%	0.188%
83	20.698	2992	2994	2998	rVB	106413	120078	1.42%	0.159%
84	20.786	3005	3009	3013	rBV2	148850	239216	2.83%	0.317%
85	20.992	3041	3044	3047	rBV	176662	207460	2.46%	0.275%
86	21.027	3047	3050	3054	rVV	331207	392284	4.64%	0.520%
87	21.074	3054	3058	3062	rVB2	205666	336145	3.98%	0.446%
88	21.339	3097	3103	3107	rBV2	3645858	7046259	83.41%	9.346%
89	21.380	3107	3110	3119	rVB	1733671	2272872	26.91%	3.015%
90	21.498	3127	3130	3135	rBV4	139842	240646	2.85%	0.319%
91	21.550	3136	3139	3143	rVV	128213	176880	2.09%	0.235%
92	21.898	3194	3198	3201	rVB	298724	353263	4.18%	0.469%
93	22.050	3222	3224	3228	rVB2	164377	187543	2.22%	0.249%
94	22.397	3280	3283	3288	rBV2	207850	268603	3.18%	0.356%
95	22.933	3366	3374	3379	rBV2	989191	2756223	32.63%	3.656%
96	23.103	3399	3403	3409	rVB	263215	415332	4.92%	0.551%
97	23.492	3464	3469	3480	rVB3	469010	1223684	14.49%	1.623%
98	23.615	3483	3490	3497	rBV2	1545184	2956920	35.00%	3.922%
99	24.144	3576	3580	3591	rVB	402391	811411	9.61%	1.076%
100	24.903	3705	3709	3719	rVB	349364	769090	9.10%	1.020%

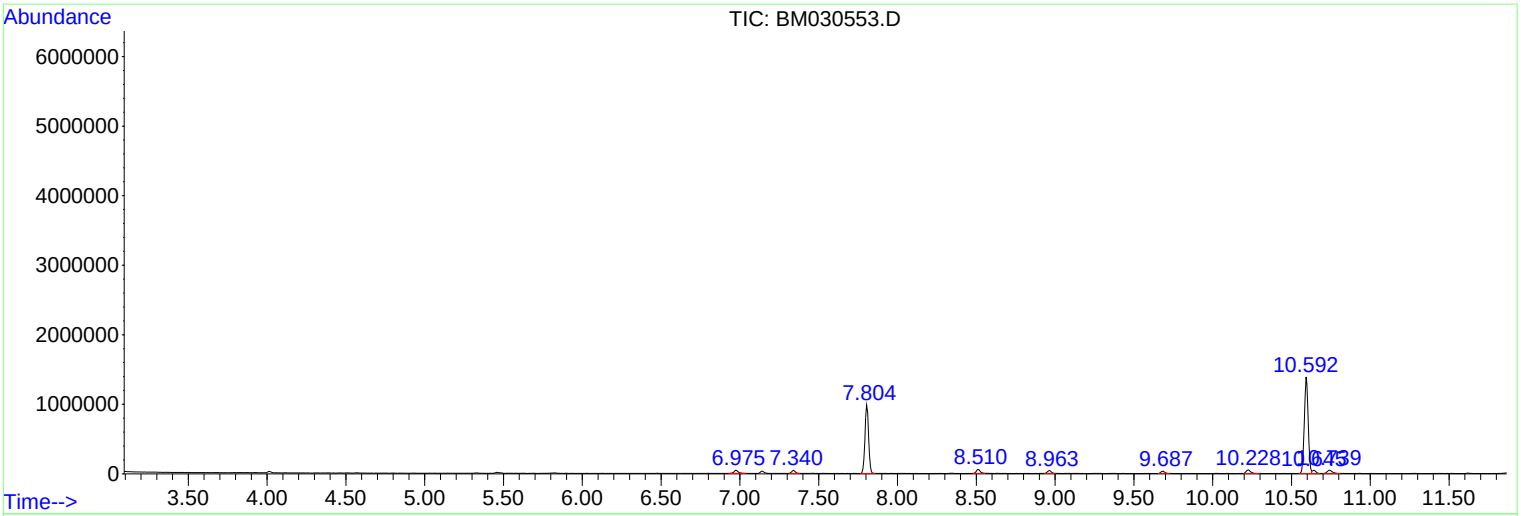
Sum of corrected areas: 75390443

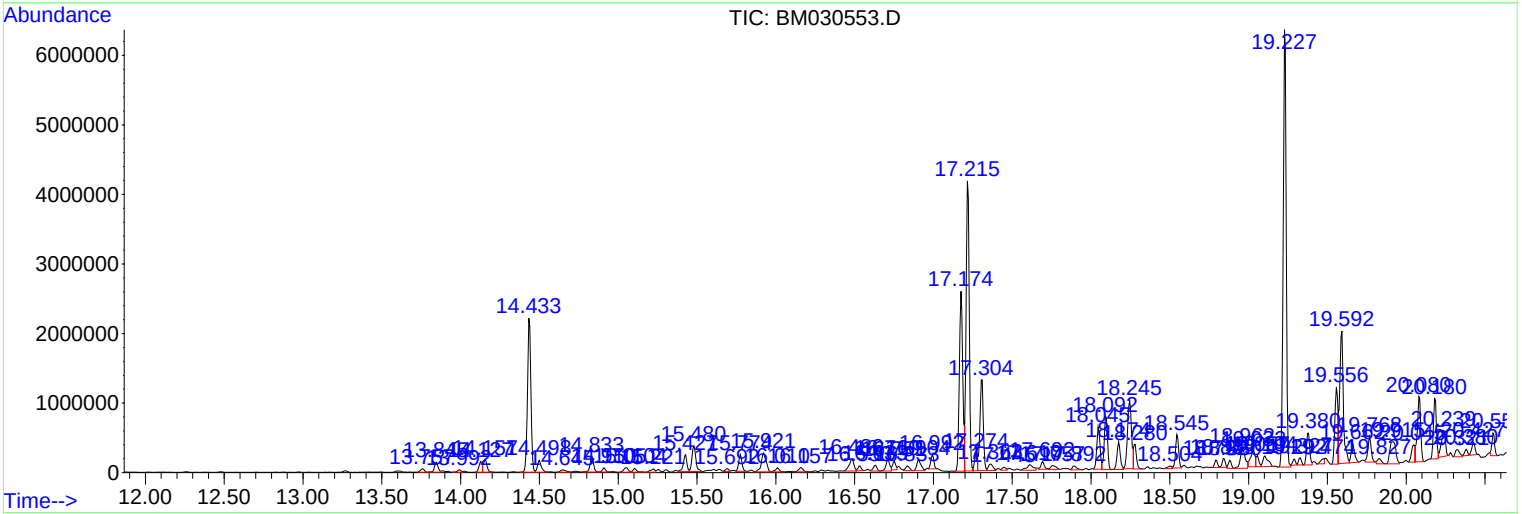
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

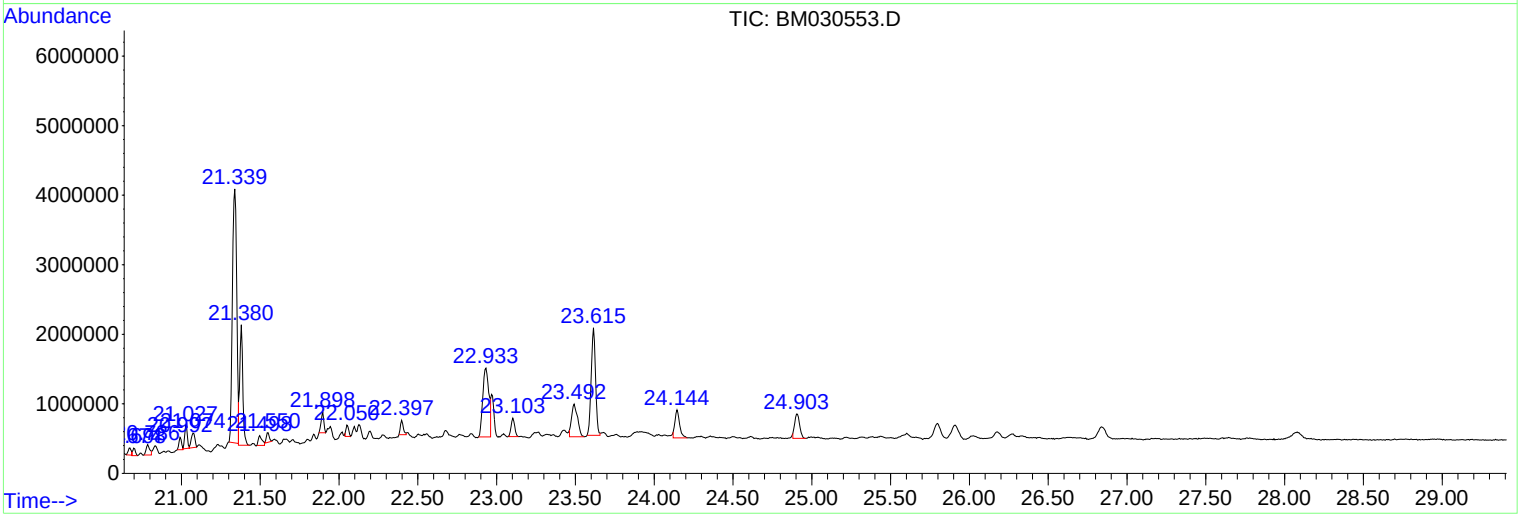
Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

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\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
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Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

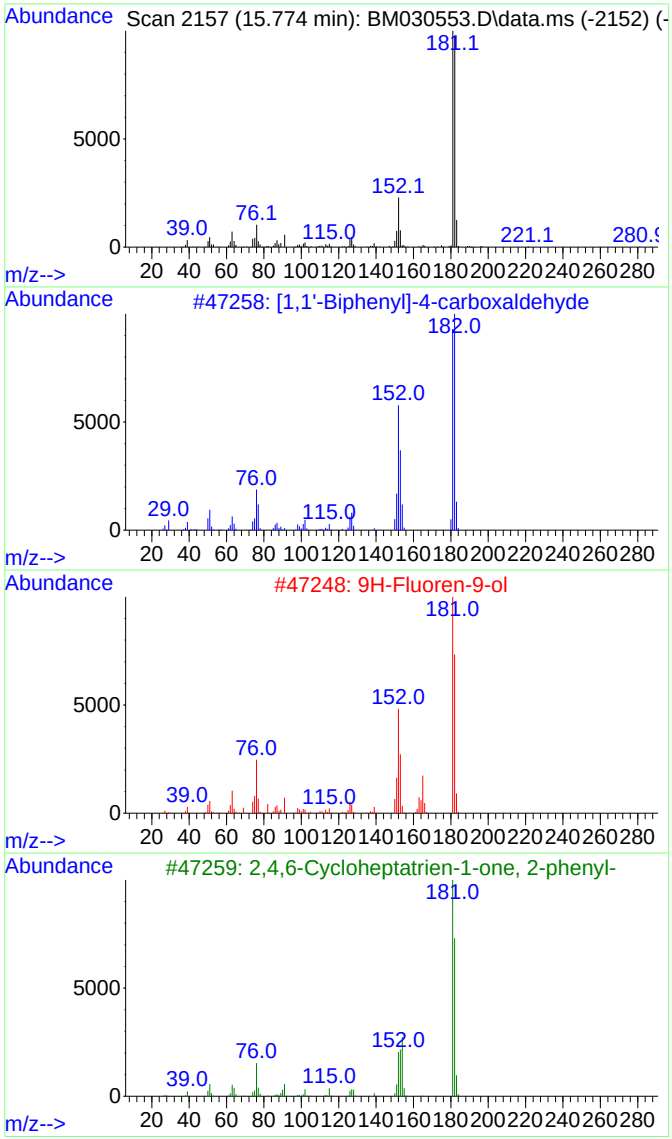
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

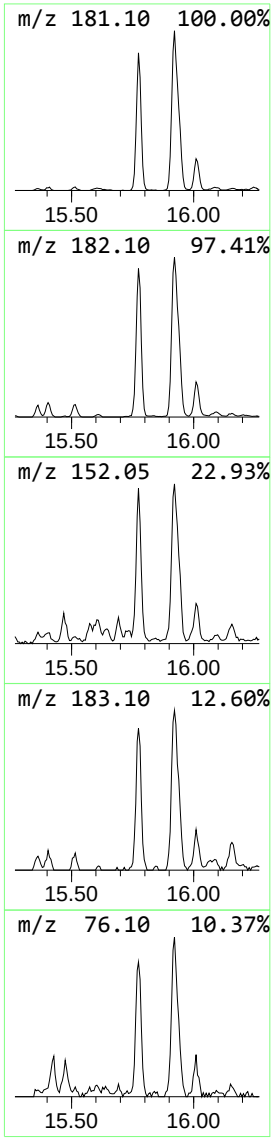
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.770	2.15 ng/ul	354307	Acenaphthene-d10	14.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
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Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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

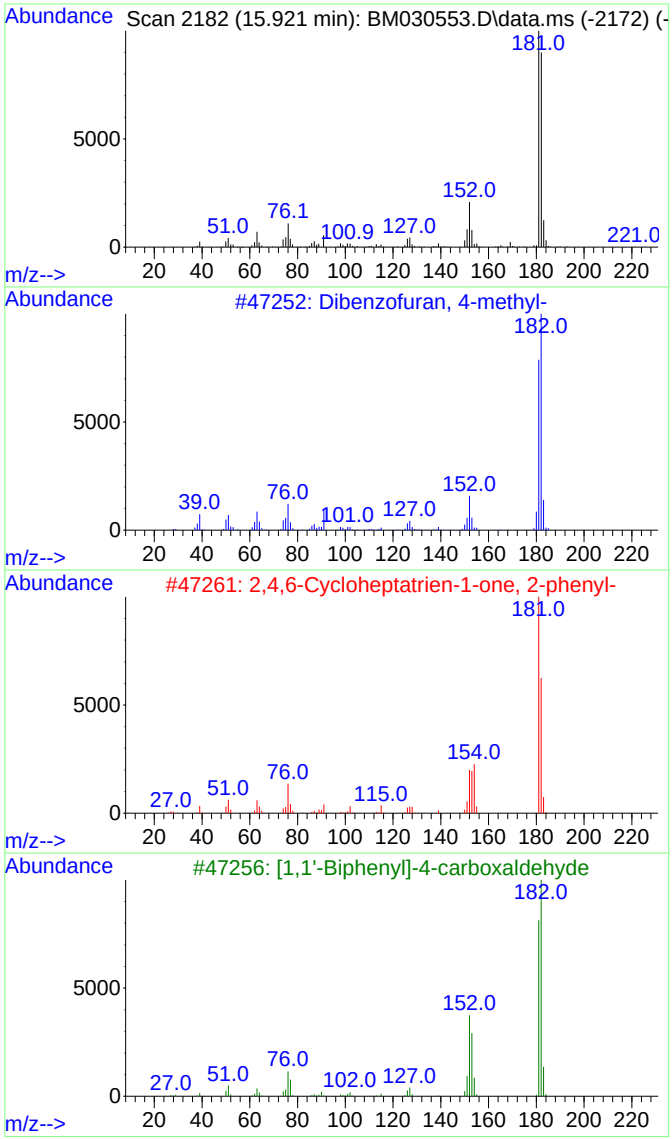
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

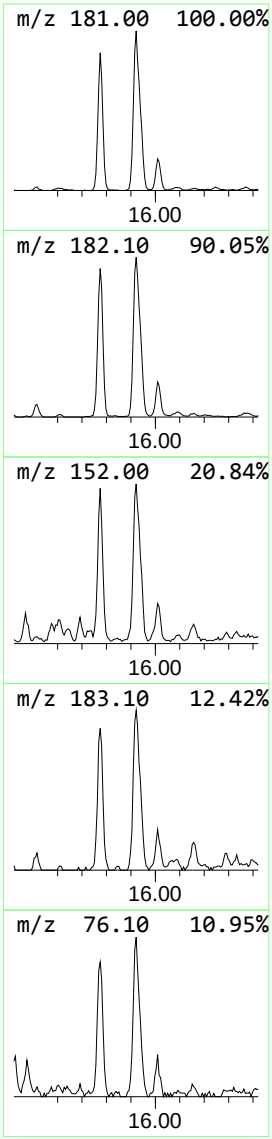
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	2.85 ng/ul	574714	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

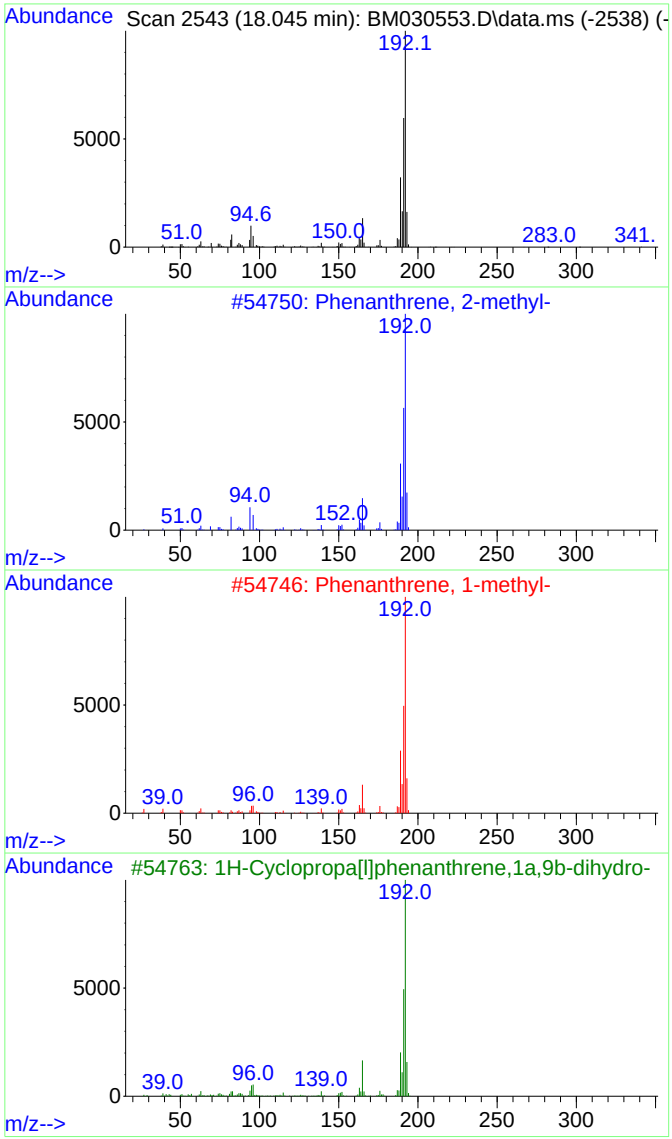
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

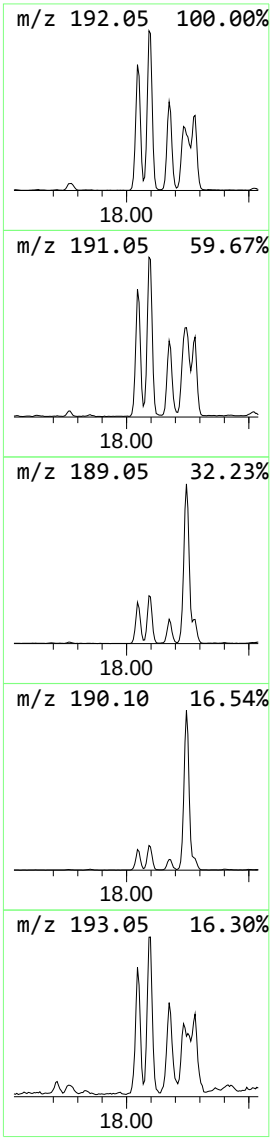
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.040	4.28 ng/ul	862481	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, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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Acq On : 23 Jun 2021 15:02
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

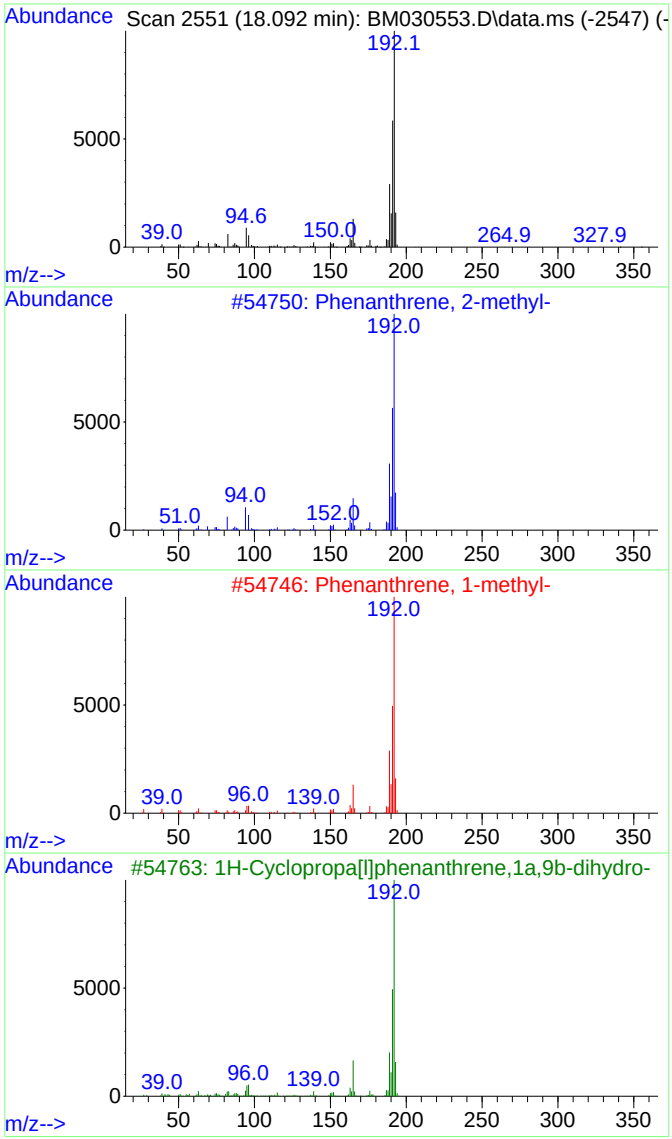
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

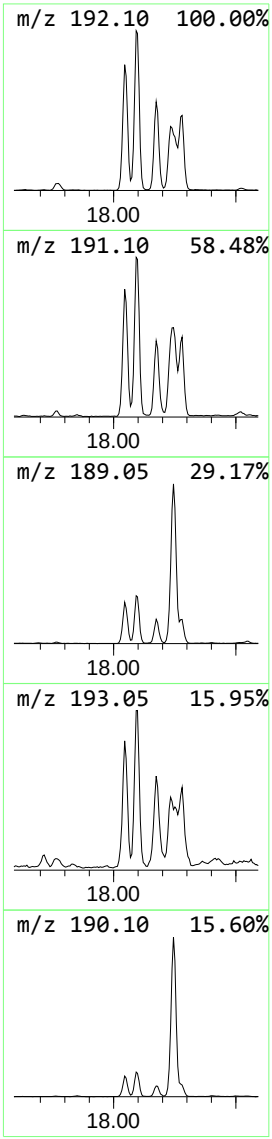
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.090	5.48 ng/ul	1105660	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, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

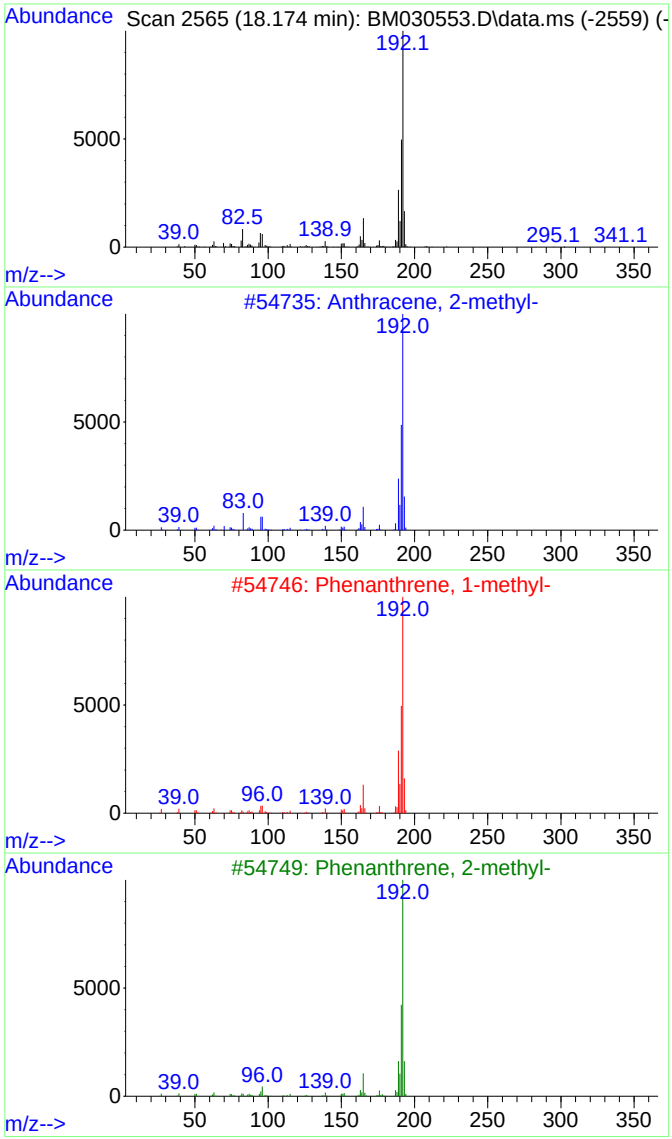
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

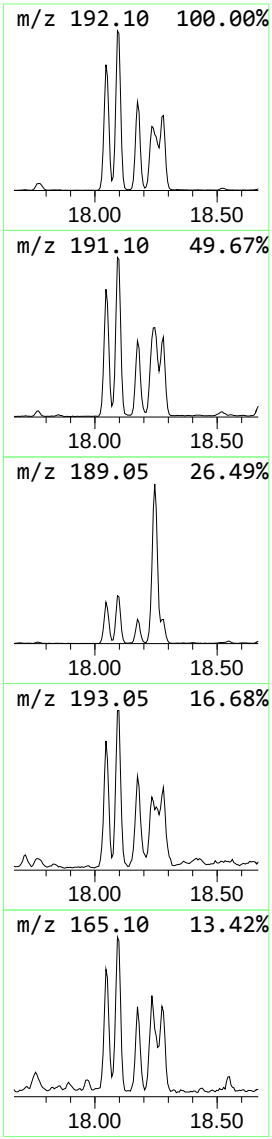
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	2.83 ng/ul	571622	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

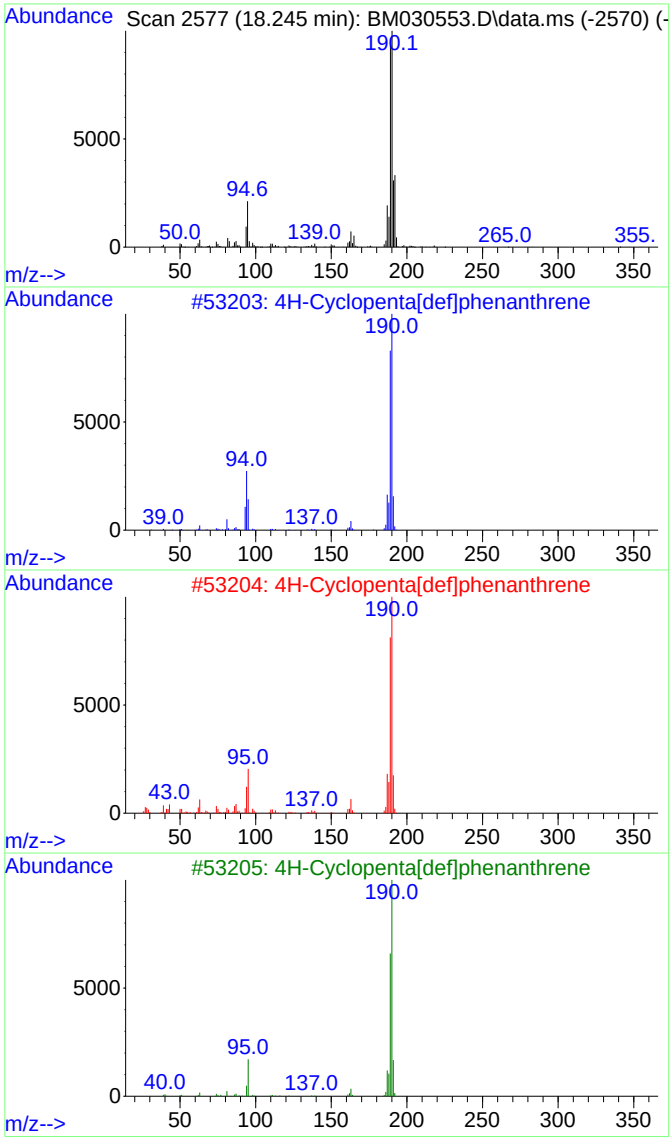
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

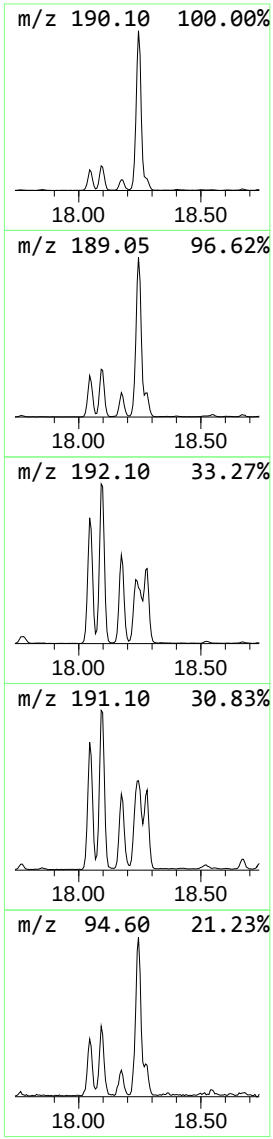
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	8.73 ng/ul	1761250	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	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

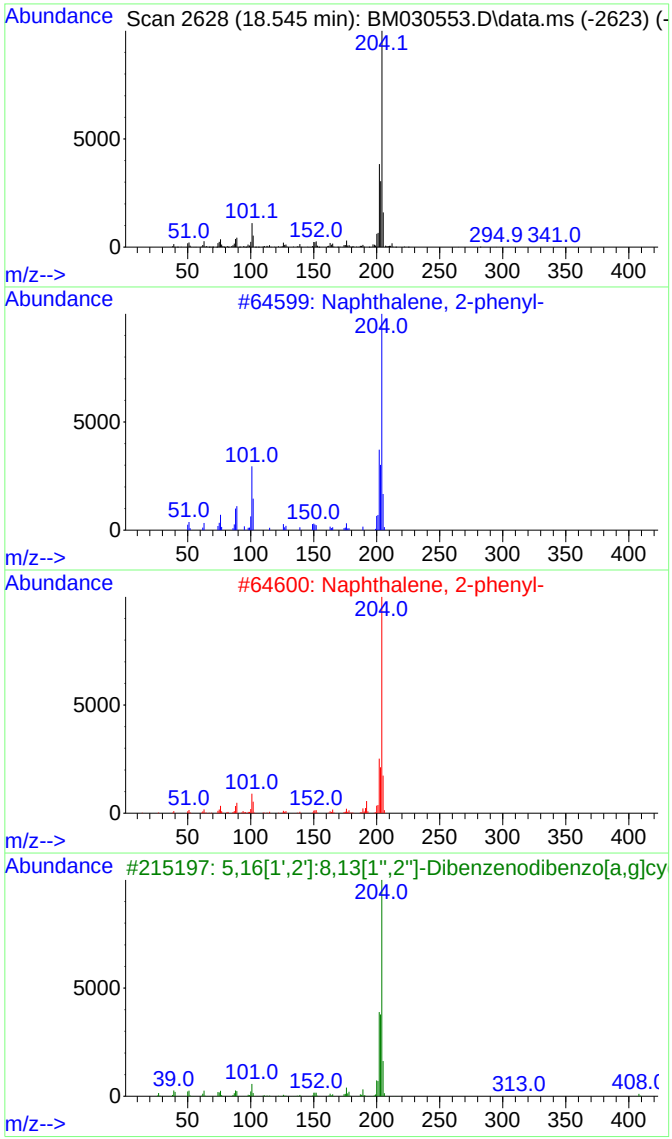
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

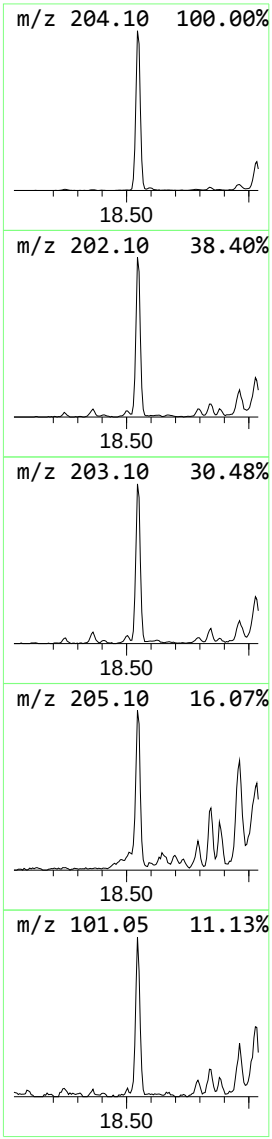
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	3.16 ng/ul	637843	Phenanthrene-d10	17.174

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	76
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





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Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

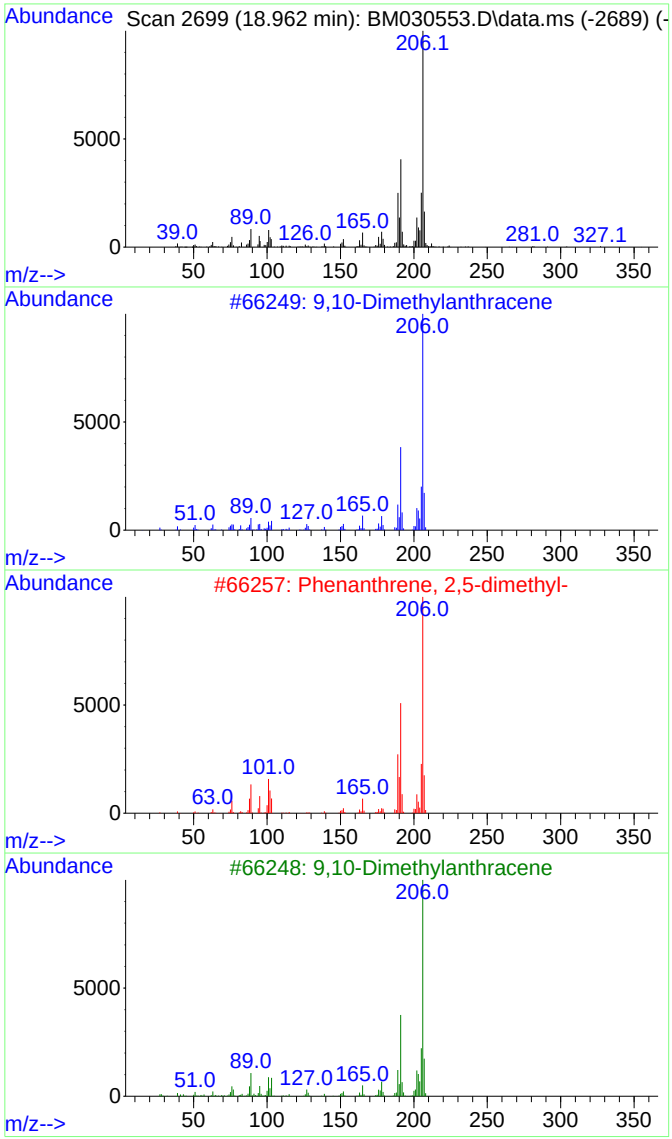
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

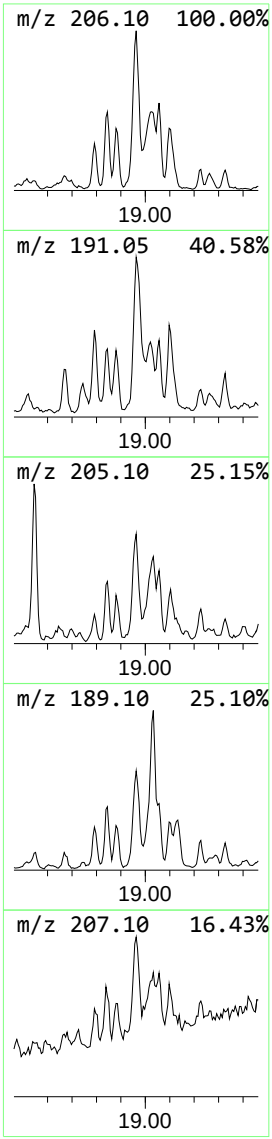
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	3.03 ng/ul	611701	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

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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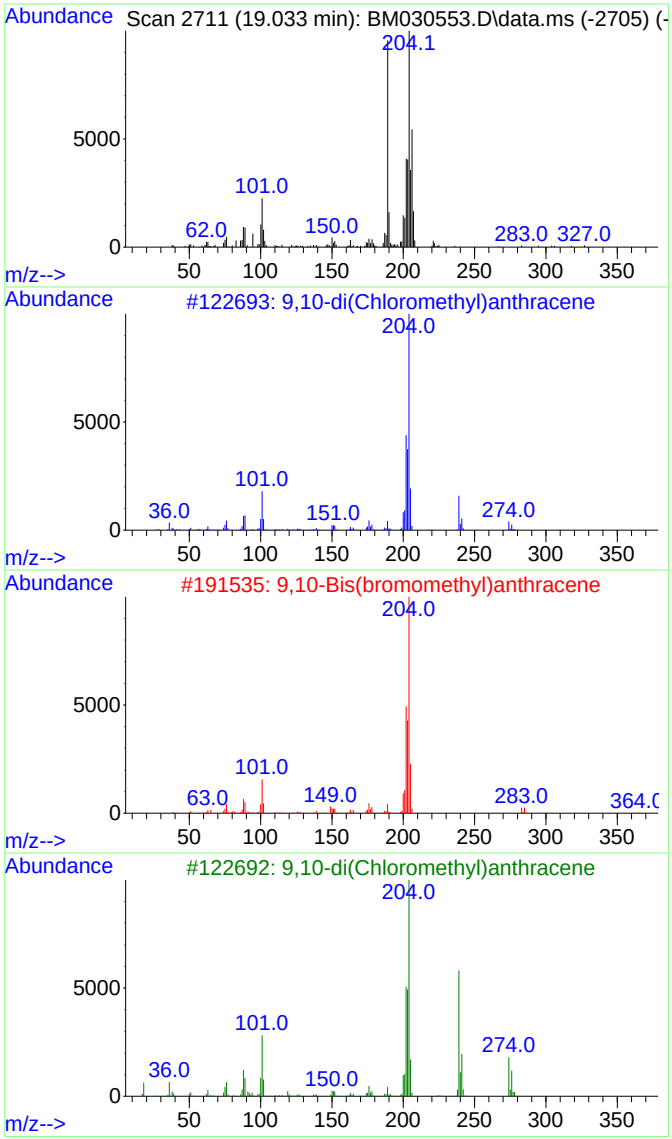
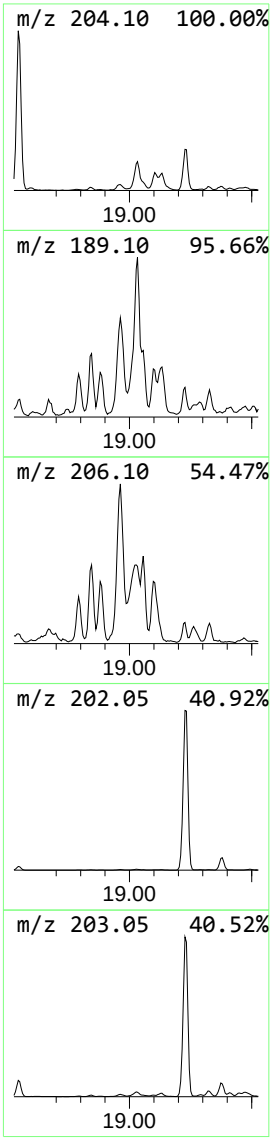
Peak Number 9 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.030	2.27 ng/ul	458271	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	49
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46





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Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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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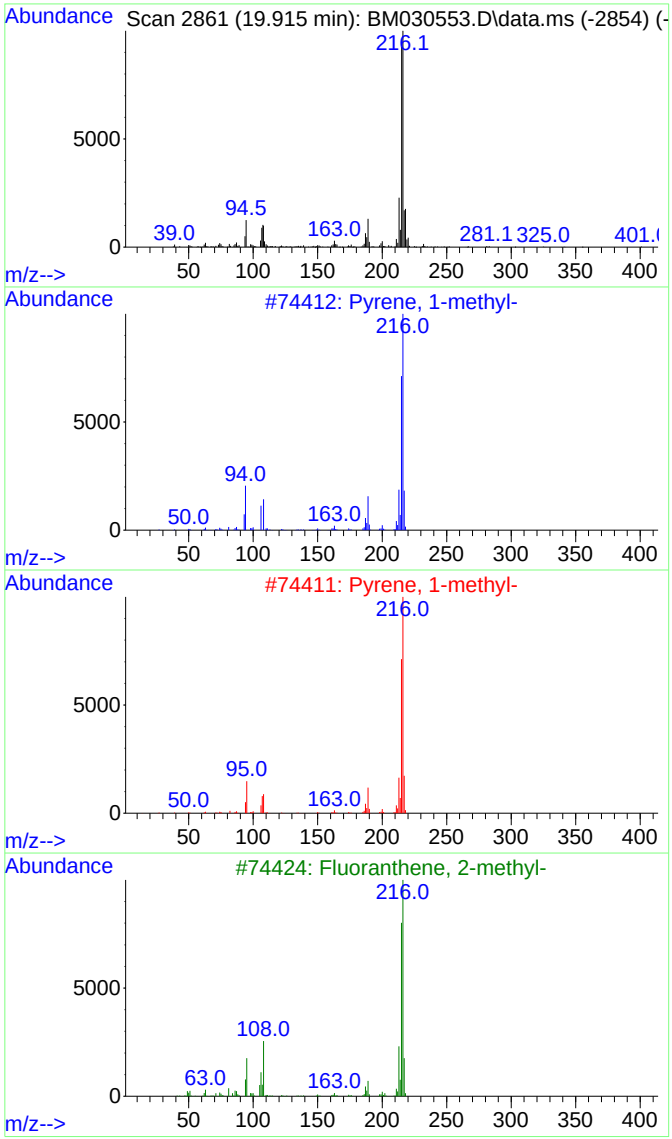
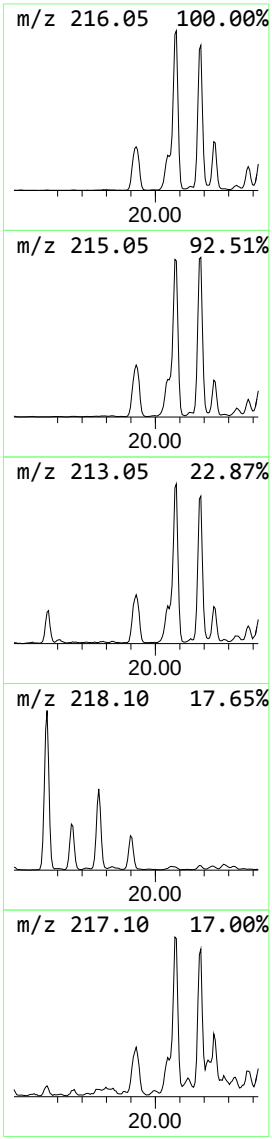
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.920	2.39 ng/ul	841836	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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

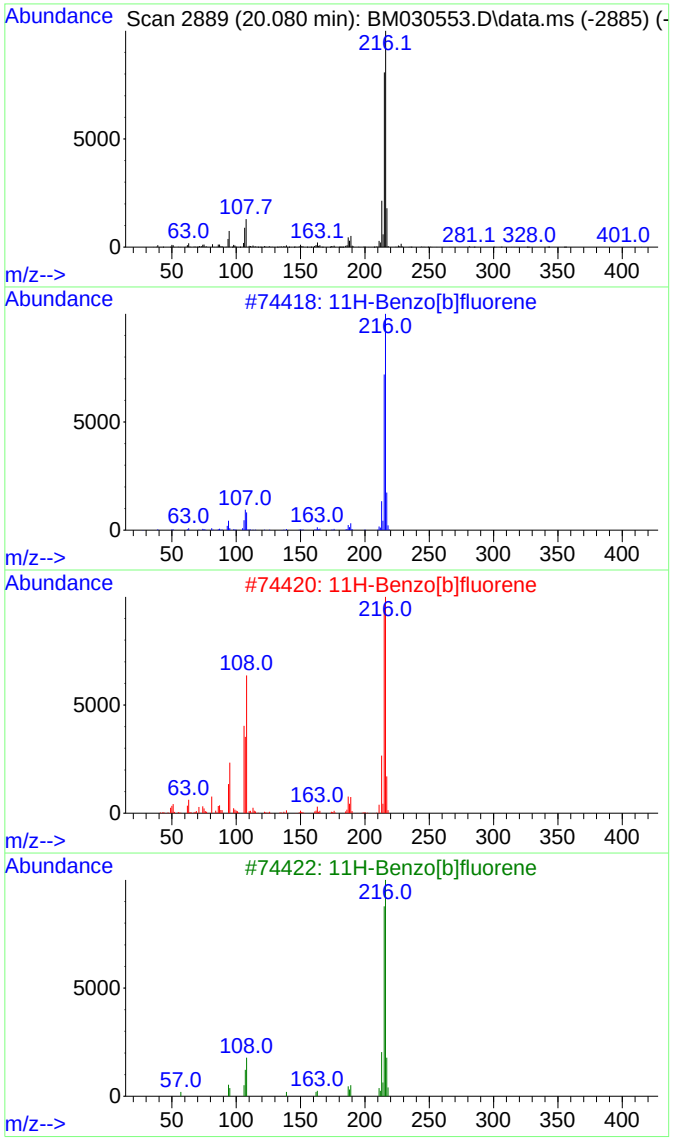
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

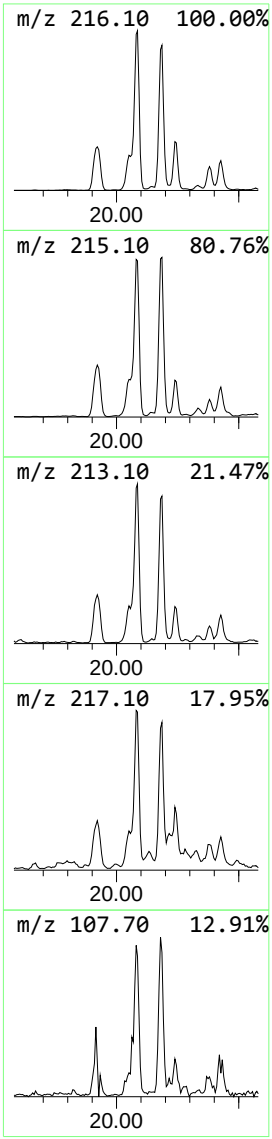
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	3.90 ng/ul	1372950	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF4DL2

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

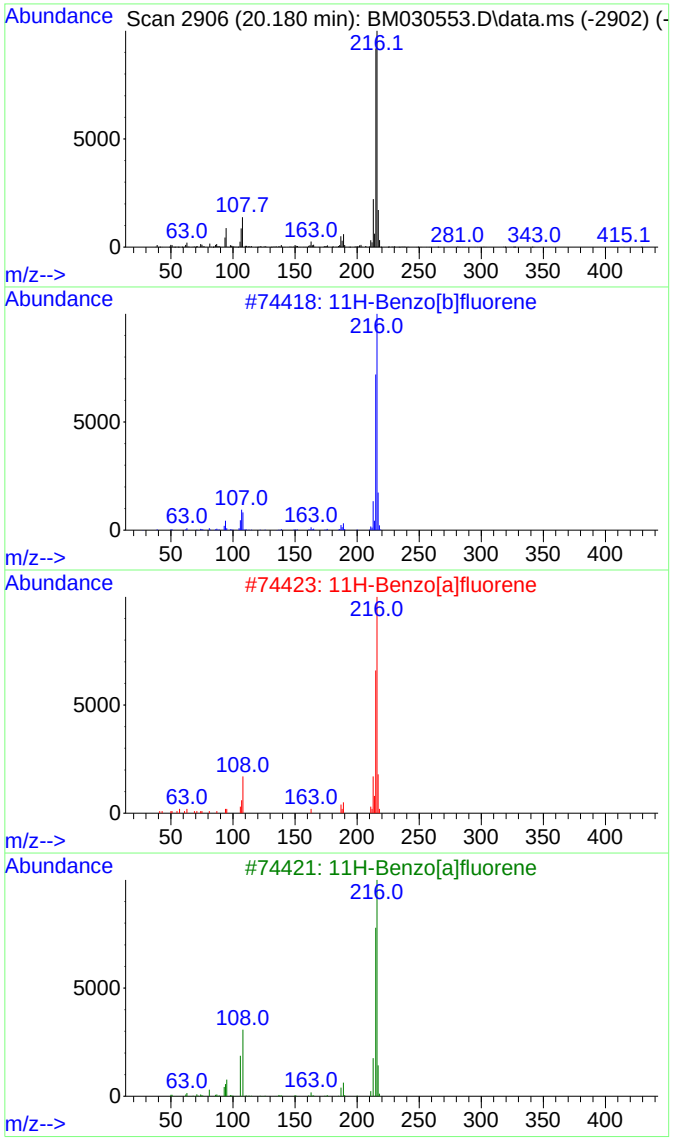
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

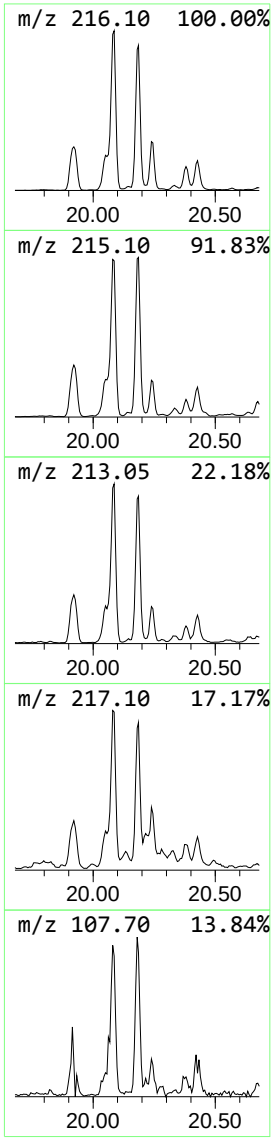
****

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.28 ng/ul	1154890	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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

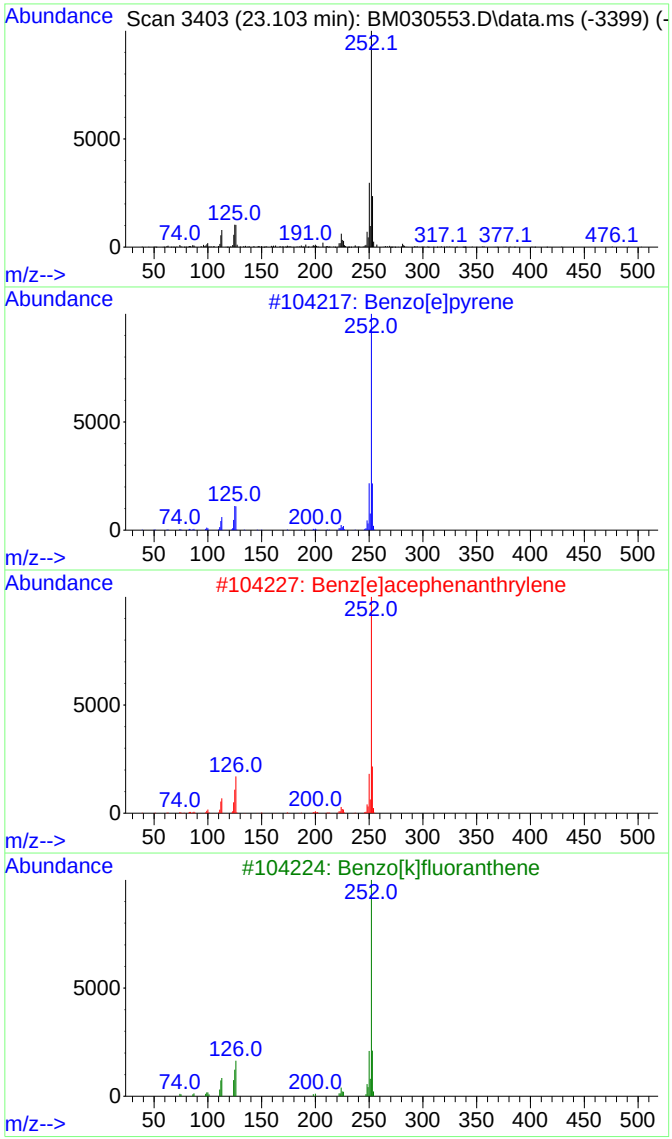
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

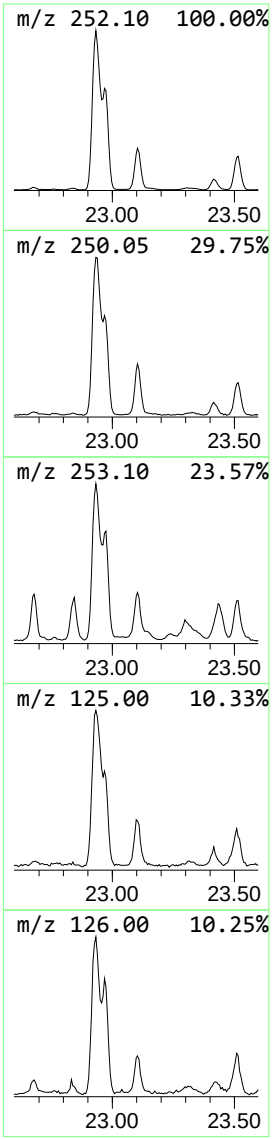
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.100	2.81 ng/ul	415332	Perylene-d12	23.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

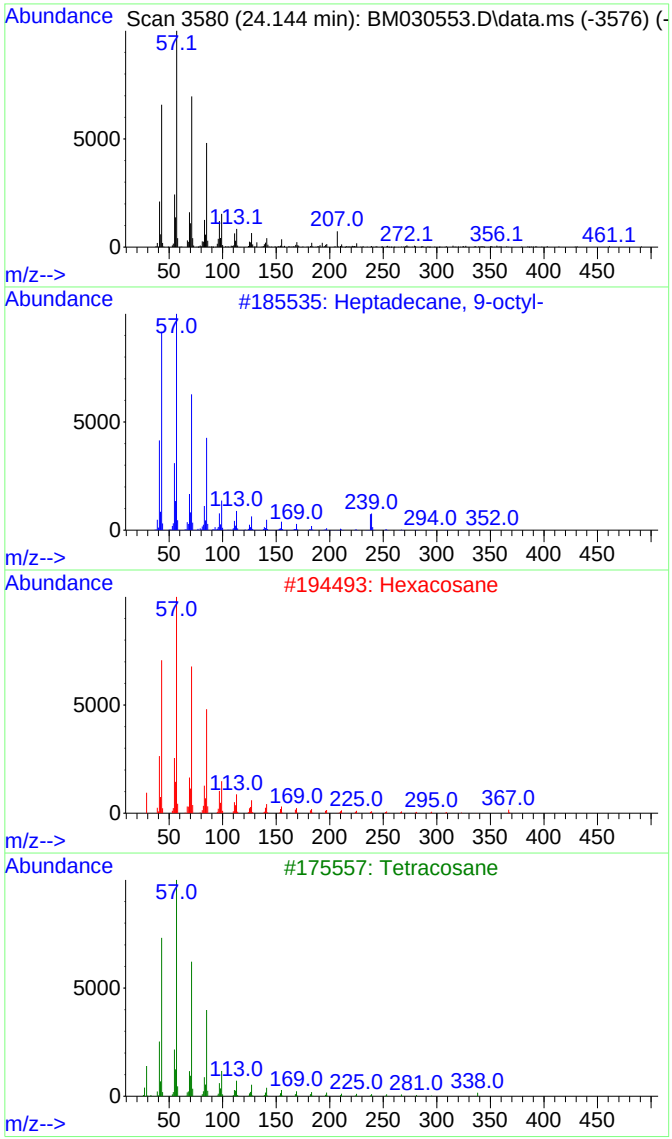
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

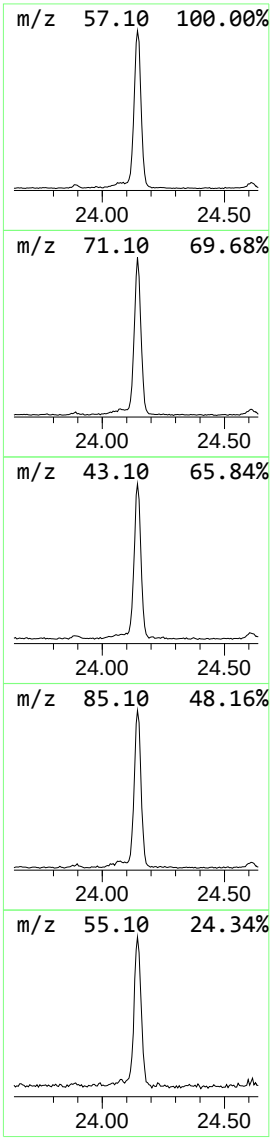
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.140	5.49 ng/ul	811411	Perylene-d12	23.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Hexacosane	366	C26H54	000630-01-3	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





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Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

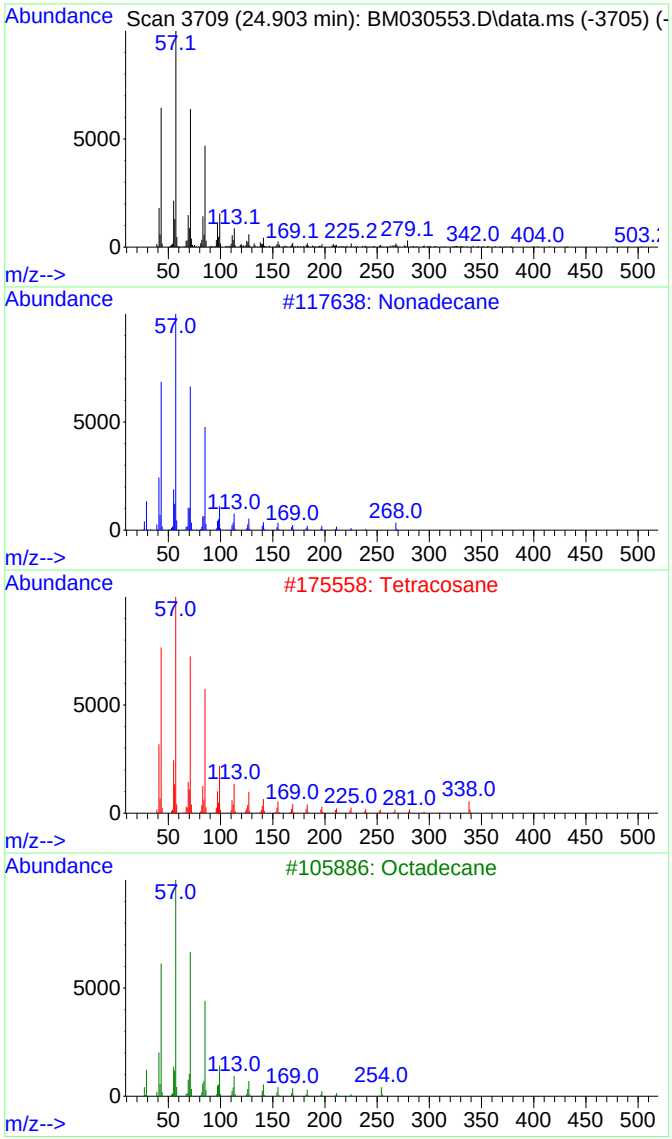
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

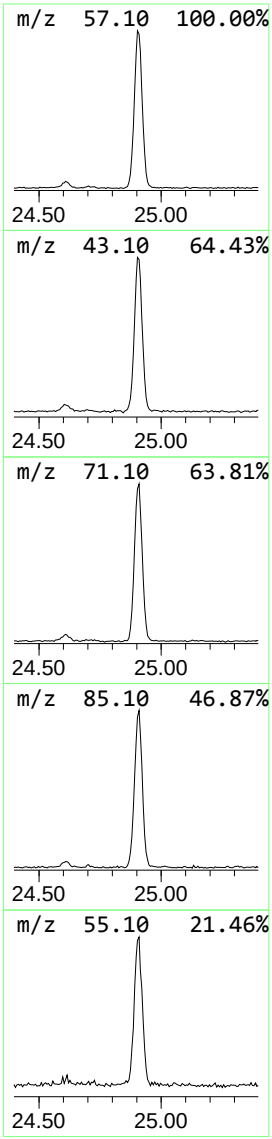
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.900	5.20 ng/ul	769090	Perylene-d12	23.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tetracosane	338	C24H50	000646-31-1	95
3	Octadecane	254	C18H38	000593-45-3	93
4	Nonadecane	268	C19H40	000629-92-5	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDF4DL2

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
[1,1'-Biphenyl]...	15.770	2.1	ng/ul	354307	3	14.433	3298850	20.0
Dibenzofuran, 4...	15.920	2.9	ng/ul	574714	4	17.174	4033150	20.0
Phenanthrene, 2...	18.040	4.3	ng/ul	862481	4	17.174	4033150	20.0
Phenanthrene, 1...	18.090	5.5	ng/ul	1105660	4	17.174	4033150	20.0
Anthracene, 2-m...	18.170	2.8	ng/ul	571622	4	17.174	4033150	20.0
4H-Cyclopenta[d...	18.240	8.7	ng/ul	1761250	4	17.174	4033150	20.0
Naphthalene, 2-...	18.540	3.2	ng/ul	637843	4	17.174	4033150	20.0
9,10-Dimethylan...	18.960	3.0	ng/ul	611701	4	17.174	4033150	20.0
unknown-01	19.030	2.3	ng/ul	458271	4	17.174	4033150	20.0
Pyrene, 1-methyl-	19.920	2.4	ng/ul	841836	5	21.345	7046260	20.0
11H-Benzo[b]flu...	20.080	3.9	ng/ul	1372950	5	21.345	7046260	20.0
11H-Benzo[a]flu...	20.180	3.3	ng/ul	1154890	5	21.345	7046260	20.0
Benzo[e]pyrene	23.100	2.8	ng/ul	415332	6	23.615	2956920	20.0
(DEL) Alkane: S...	24.140	5.5	ng/ul	811411	6	23.615	2956920	20.0
(DEL) Alkane: S...	24.900	5.2	ng/ul	769090	6	23.615	2956920	20.0