LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

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: BM030773.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.940	648	655	667	rBV2	30592	61853	1.62%	0.155%
2	7.110	678	684	689	rBV	24109	41370	1.09%	0.104%
3	7.304	711	717	727	rVB	34291	58798	1.54%	0.147%
4	7.769	788	796	805	rBV	325547	516613	13.57%	1.295%
5	8.475	911	916	924	rBV	30313	53597	1.41%	0.134%
6	8.928	988	993	1002	rBV	25459	46210	1.21%	0.116%
7	10.192	1202	1208	1220	rVB2	22673	47925	1.26%	0.120%
8	10.375	1231	1239	1248	rBV2	12080	33792	0.89%	0.085%
9	10.551	1262	1269	1275	rBV	387504	677922	17.81%	1.700%
10	10.604	1275	1278	1286	rVB	38902	61998	1.63%	0.155%
11	10.710	1289	1296	1308	rVB2	22572	52032	1.37%	0.130%
12	13.816	1819	1824	1829	rVV	61101	92974	2.44%	0.233%
13	14.092	1861	1871	1873	rBV	69137	109134	2.87%	0.274%
14	14.122	1873	1876	1884	rVB	77851	116681	3.06%	0.293%
15	14.398	1914	1923	1929	rBV	560270	838692	22.03%	2.103%
16	14.463	1929	1934	1943	rVB	72364	116749	3.07%	0.293%
17	14.798	1986	1991	1999	rVV	43783	68112	1.79%	0.171%
18	15.392	2086	2092	2096	rVV	113588	174339	4.58%	0.437%
19	15.445	2096	2101	2112	rVV2	102637	182026	4.78%	0.456%
20	15.739	2147	2151	2160	rVV	55571	95573	2.51%	0.240%
21	15.892	2167	2177	2184	rVV2	54957	131866	3.46%	0.331%
22	16.127	2210	2217	2222	rVB6	22096	44473	1.17%	0.112%
23	16.451	2264	2272	2277	rBV2	64856	130072	3.42%	0.326%
24	16.498	2277	2280	2286	rVV3	26369	41081	1.08%	0.103%
25	16.598	2292	2297	2302	rVV2	28072	48344	1.27%	0.121%
26	16.674	2304	2310	2314	rVV2	54785	101476	2.67%	0.254%
27	16.716	2314	2317	2320	rVV2	53597	78273	2.06%	0.196%
28	16.745	2320	2322	2327	rVV2	22024	37832	0.99%	0.095%
29	16.804	2327	2332	2338	rVV3	32247	66414	1.74%	0.167%
30	16.874	2338	2344	2351	rVV2	51085	116263	3.05%	0.292%
31	16.963	2354	2359	2368	rVB	67224	125026	3.28%	0.314%
32	17.139	2383	2389	2392	rBV	689931	982544	25.81%	2.464%
33	17.180	2392	2396	2402	rVV	1222604	1710919	44.94%	4.290%
34	17.239	2402	2406	2408	rVV	126919	192712	5.06%	0.483%
35	17.274	2408	2412	2417	rVV	414894	592186	15.55%	1.485%
36	17.327	2417	2421	2427	rVV3	35976	70422	1.85%	0.177%

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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

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	17.580	2460	2464	2470	rVV	34951	75953	1.99%	0.190%
38	17.657	2474	2477	2485	rVV	42063	71545	1.88%	0.179%
39	17.721	2485	2488	2496	rVV8	20349	54212	1.42%	0.136%
40	17.857	2508	2511	2521	rVB3	20215	39054	1.03%	0.098%
41	18.010	2532	2537	2542	rBV	197160	312633	8.21%	0.784%
42	18.063	2542	2546	2551	rVB	288104	401178	10.54%	1.006%
43	18.145	2554	2560	2565	rVV	162365	243176	6.39%	0.610%
44	18.210	2565	2571	2575	rVV2	339254	628445	16.51%	1.576%
45	18.245	2575	2577	2587	rVB	134766	161947	4.25%	0.406%
46	18.468	2609	2615	2618	rBV4	23243	51287	1.35%	0.129%
47	18.515	2618	2623	2627	rVB	157782	215869	5.67%	0.541%
48	18.757	2661	2664	2669	rVB2	47857	59677	1.57%	0.150%
49	18.810	2669	2673	2676	rBV	52706	60190	1.58%	0.151%
50	18.851	2676	2680	2684	rVB	50513	67046	1.76%	0.168%
51	18.927	2688	2693	2699	rBV	130094	246377	6.47%	0.618%
52	18.992	2700	2704	2707	rVV3	69988	117808	3.09%	0.295%
53	19.021	2707	2709	2713	rVB	65694	75449	1.98%	0.189%
54	19.068	2713	2717	2720	rBV2	46686	78245	2.06%	0.196%
55	19.192	2732	2738	2745	rBV	2608260	3570119	93.77%	8.953%
56	19.257	2746	2749	2752	rVV	44460	54994	1.44%	0.138%
57	19.292	2752	2755	2760	rVV5	46115	71499	1.88%	0.179%
58	19.345	2760	2764	2769	rBV	246955	336860	8.85%	0.845%
59	19.439	2776	2780	2783	rBV	43456	64862	1.70%	0.163%
60	19.527	2790	2795	2796	rBV2	562085	712139	18.70%	1.786%
61	19.557	2796	2800	2808	rVV	1780851	2548215	66.93%	6.390%
62	19.627	2808	2812	2819	rVB2	127464	213993	5.62%	0.537%
63	19.733	2826	2830	2836	rVB	154751	220953	5.80%	0.554%
64	19.798	2837	2841	2847	rVB3	41851	75802	1.99%	0.190%
65	19.880	2849	2855	2863	rBV4	169636	446277	11.72%	1.119%
66	20.015	2873	2878	2879	rBV2	131071	191848	5.04%	0.481%
67	20.051	2880	2884	2891	rVB	536104	799980	21.01%	2.006%
68	20.151	2896	2901	2905	rVV	517536	663398	17.42%	1.664%
69	20.209	2905	2911	2915	rVV2	234146	403453	10.60%	1.012%
70	20.251	2915	2918	2921	rVB2	40849	47806	1.26%	0.120%
71	20.304	2921	2927	2930	rBV3	77969	172756	4.54%	0.433%
72	20.345	2931	2934	2938	rVV	104684	169546	4.45%	0.425%
73	20.398	2938	2943	2951	rVB3	140066	265993	6.99%	0.667%
74	20.521	2960	2964	2968	rVB	294458	321806	8.45%	0.807%
75	20.568	2969	2972	2975	rBV2	68841	80615	2.12%	0.202%
76	20.639	2981	2984	2987	rBV2	58096	78656	2.07%	0.197%

LSC Area Percent Report

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Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

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

77	20.668	2987	2989	2993	rVB	66154	73973	1.94%	0.185%
78	20.756	3000	3004	3008	rBV	93175	155709	4.09%	0.390%
79	20.962	3036	3039	3042	rBV	118772	131733	3.46%	0.330%
80	20.998	3042	3045	3048	rVV	197488	238325	6.26%	0.598%
81	21.027	3048	3050	3057	rVB3	180138	314924	8.27%	0.790%
82	21.303	3091	3097	3102	rBV2	1992707	3807329	100.00%	9.547%
83	21.351	3102	3105	3112	rVB	1244550	1563088	41.05%	3.920%
84	21.462	3120	3124	3130	rBV2	304656	451779	11.87%	1.133%
85	21.515	3130	3133	3138	rVV	116175	165418	4.34%	0.415%
86	21.621	3148	3151	3157	rVB3	86293	134940	3.54%	0.338%
87	21.862	3188	3192	3195	rBV	210272	278984	7.33%	0.700%
88	21.892	3195	3197	3206	rVB2	214295	390171	10.25%	0.978%
89	22.015	3215	3218	3222	rVB2	116064	152607	4.01%	0.383%
90	22.062	3223	3226	3228	rVV	129734	170282	4.47%	0.427%
91	22.092	3229	3231	3237	rVB3	176558	242566	6.37%	0.608%
92	22.356	3272	3276	3280	rBV2	235180	356047	9.35%	0.893%
93	22.886	3359	3366	3372	rBV2	929903	2628197	69.03%	6.591%
94	23.056	3391	3395	3402	rVB	270234	446399	11.72%	1.119%
95	23.368	3443	3448	3453	rBV2	277587	525361	13.80%	1.317%
96	23.462	3456	3464	3472	rVB2	745480	1781596	46.79%	4.468%
97	23.562	3475	3481	3487	rBV2	716790	1366511	35.89%	3.427%
98	24.086	3566	3570	3584	rVB2	228344	528962	13.89%	1.326%
99	24.839	3693	3698	3707	rVB2	221676	504714	13.26%	1.266%
100	25.838	3860	3868	3879	rVB3	366035	1080420	28.38%	2.709%

Sum of corrected areas: 39877989

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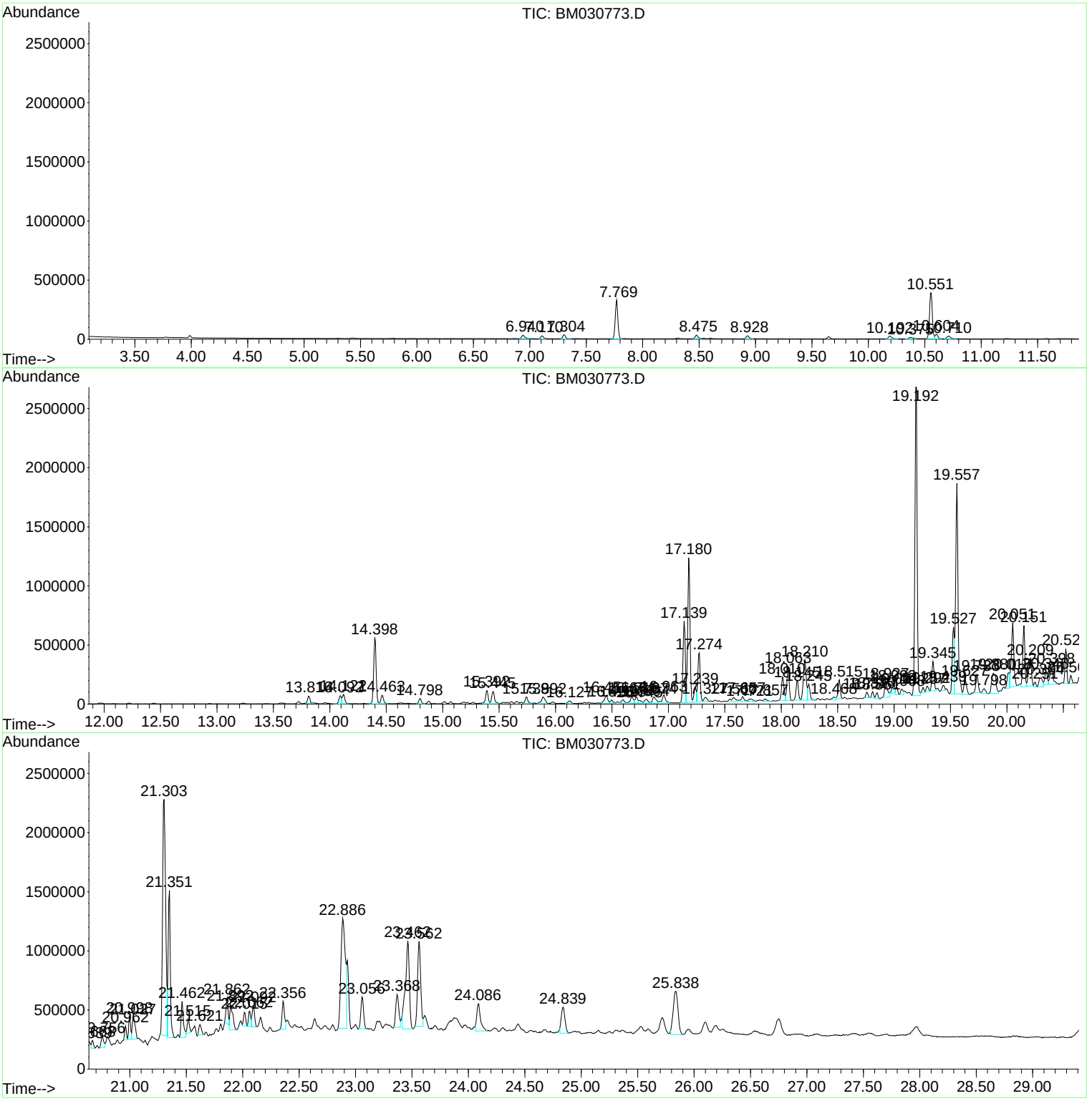
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

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\BM063021\
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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

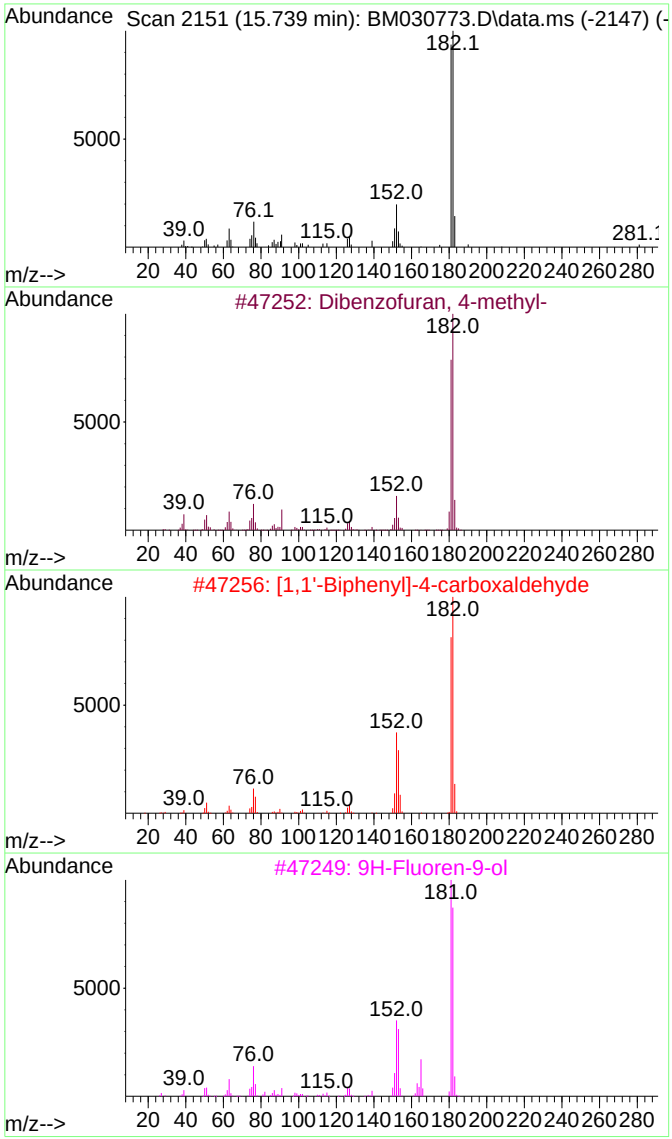
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

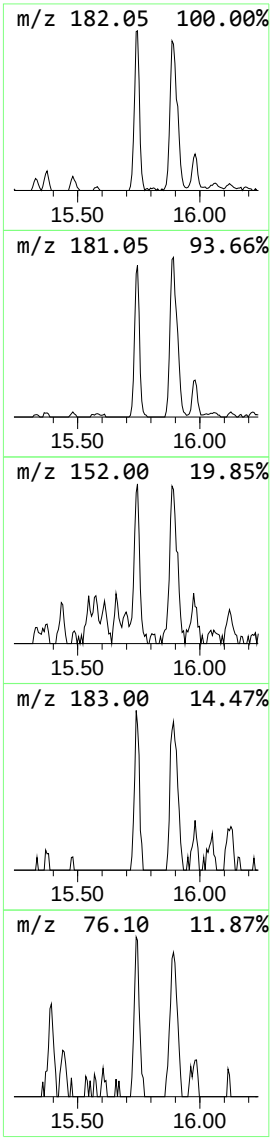
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	2.28 ng/ul	95573	Acenaphthene-d10	14.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

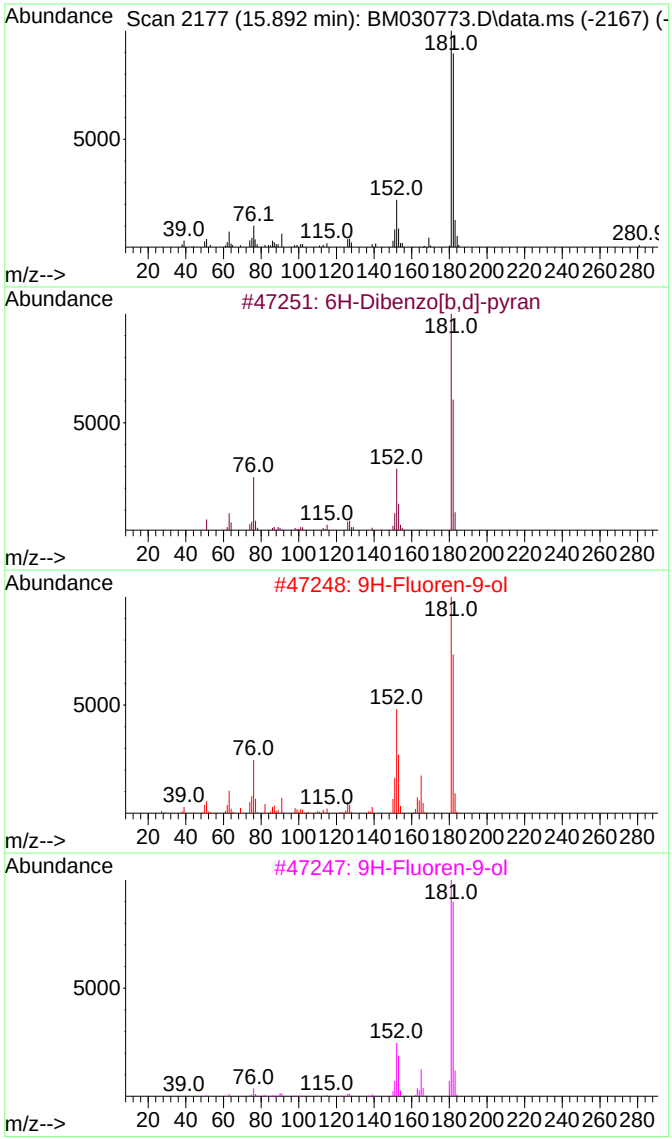
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

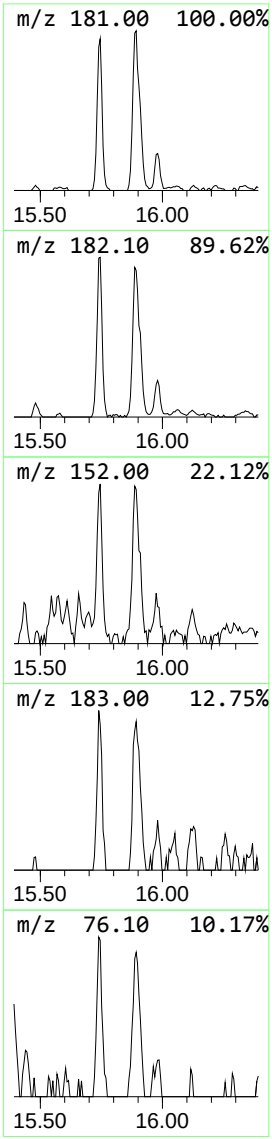
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 6H-Dibenzo[b,d]-pyran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	2.68 ng/ul	131866	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83





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Instrument : BNA_M
ClientSampleId : BGDX3DL

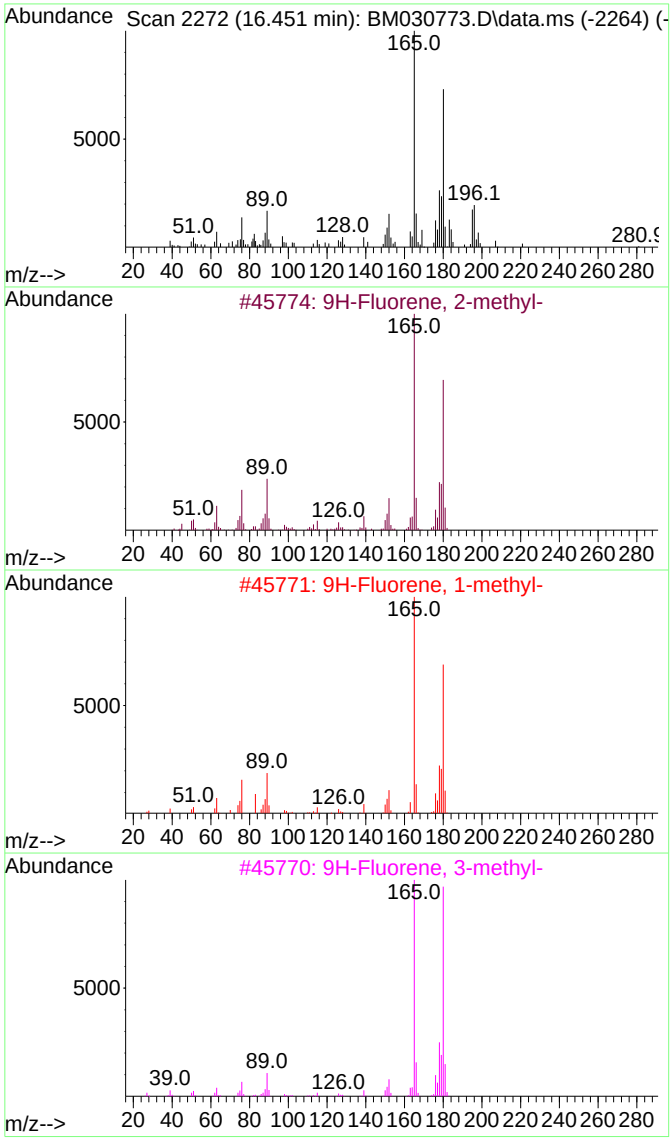
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

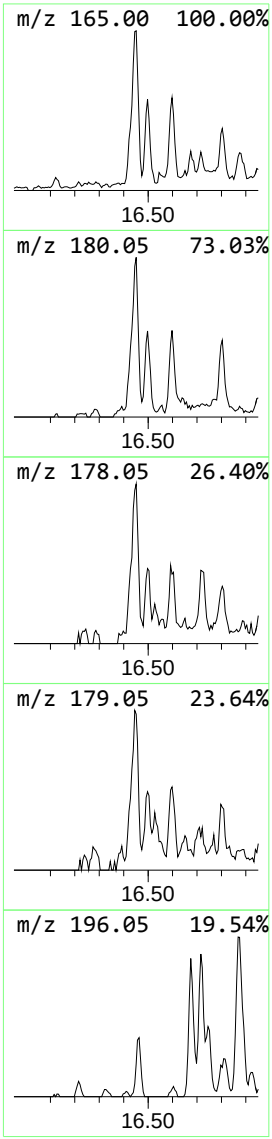
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.450	2.65 ng/ul	130072	Phenanthrene-d10	17.139

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	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

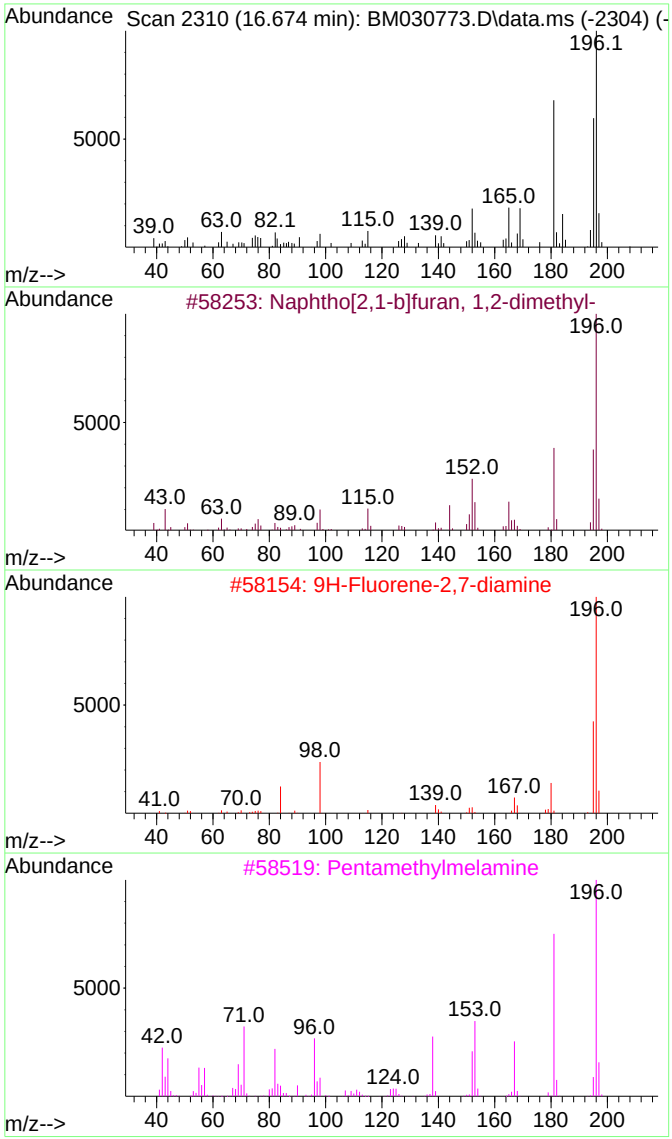
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

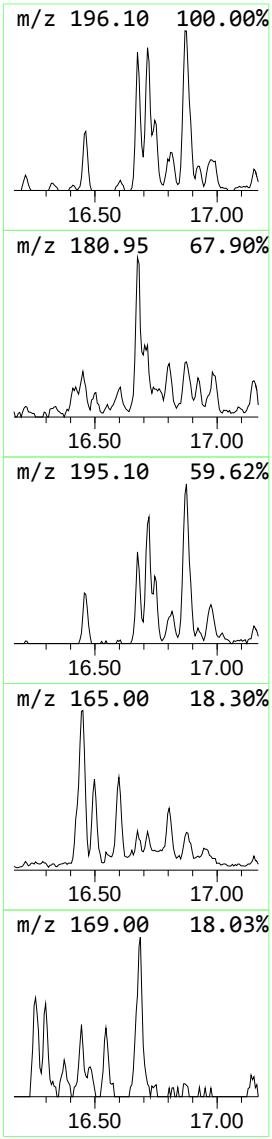
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.670	2.07 ng/ul	101476	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	53
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	52
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
5	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

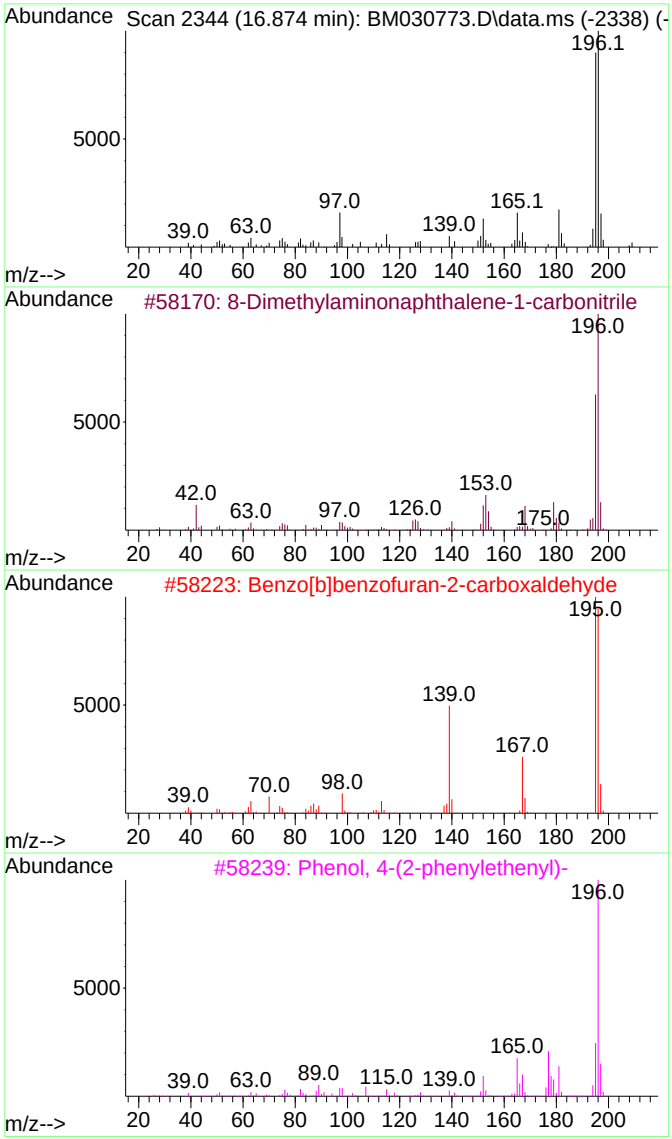
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

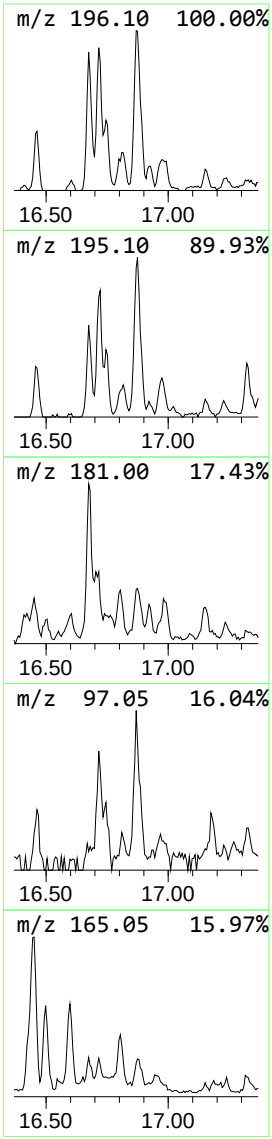
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 8-Dimethylaminonaphthalene-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.870	2.37 ng/ul	116263	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	64
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	62
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52





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Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

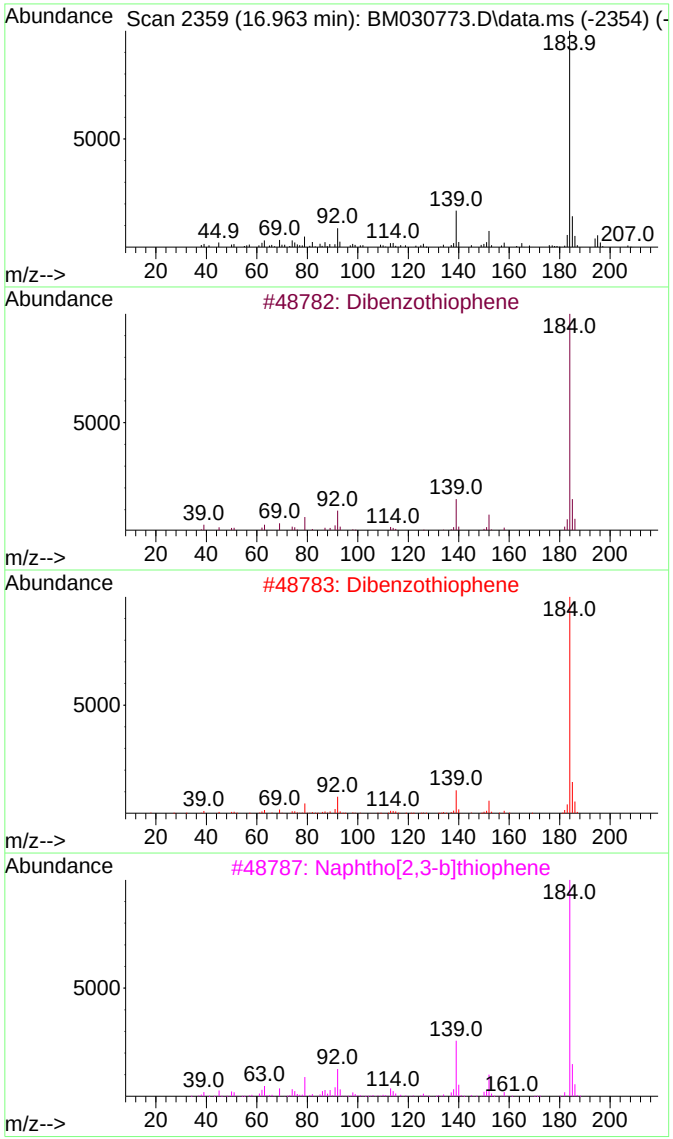
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

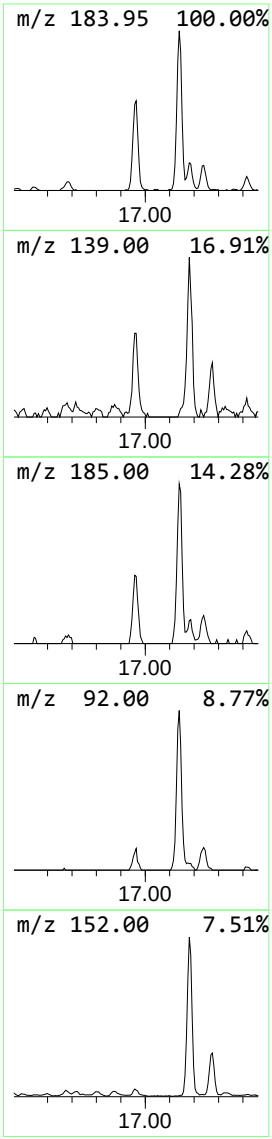
****

Peak Number 6 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.960	2.54 ng/ul	125026	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

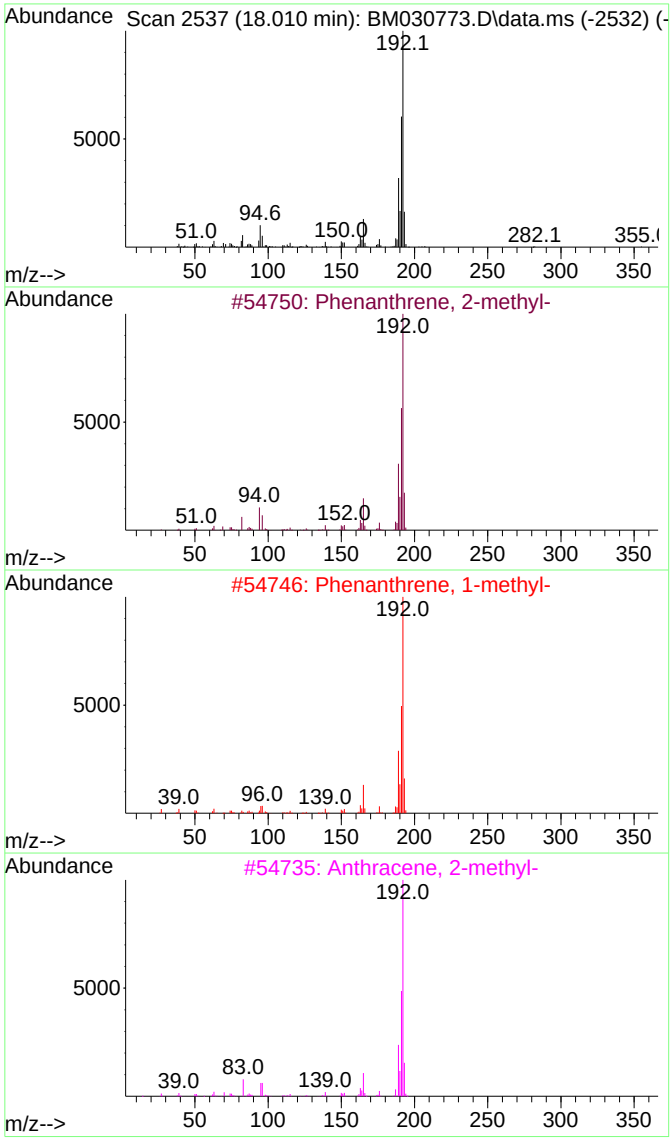
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

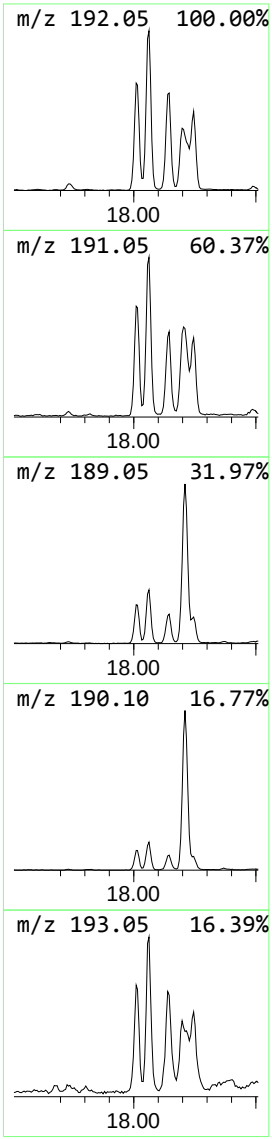
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	6.36 ng/ul	312633	Phenanthrene-d10	17.139

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

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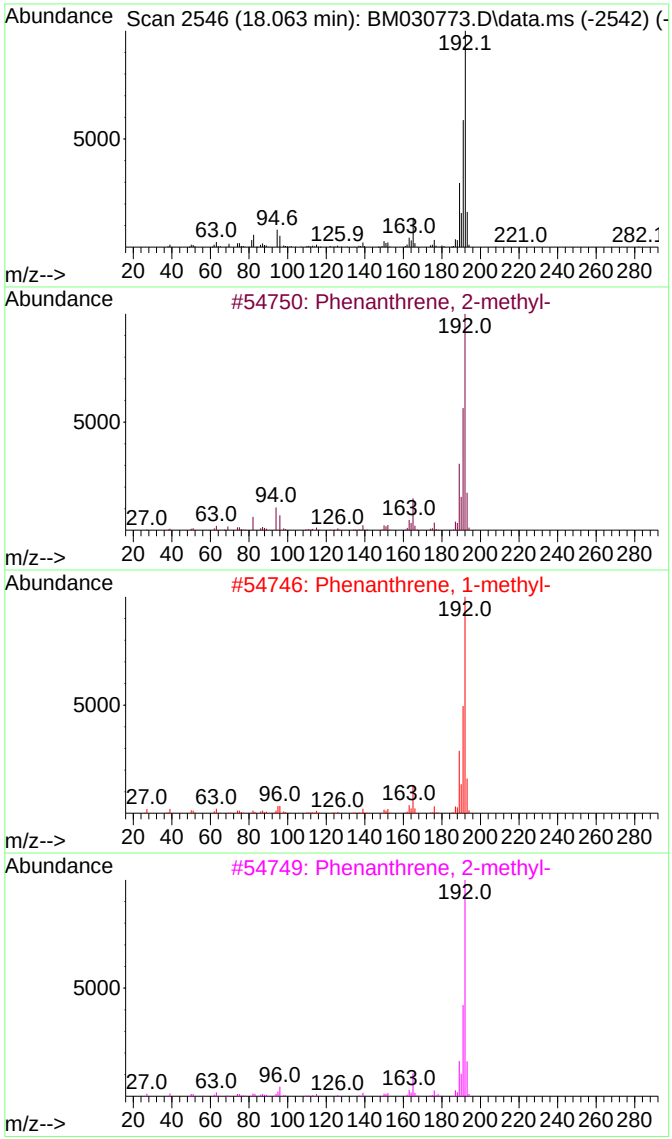
Quant Title : SVOA CALIBRATION

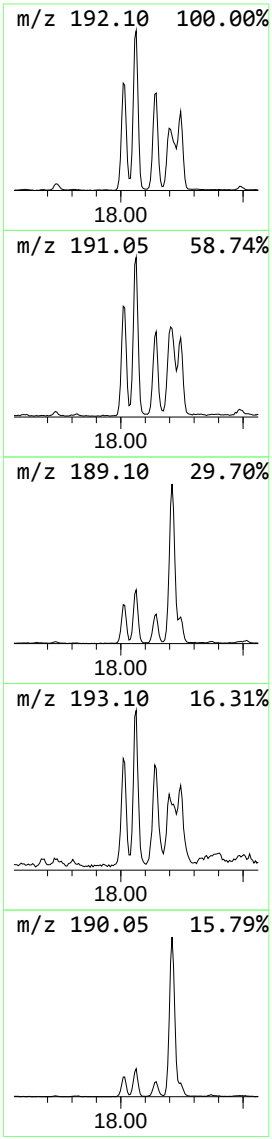
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	8.17 ng/ul	401178	Phenanthrene-d10	17.139

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

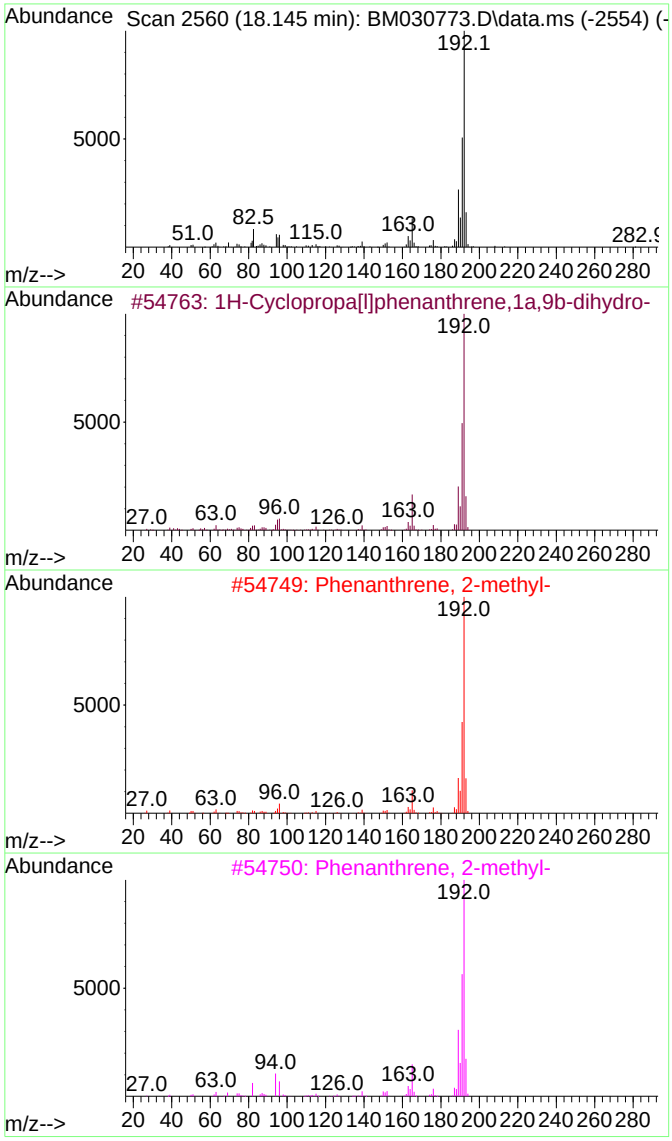
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

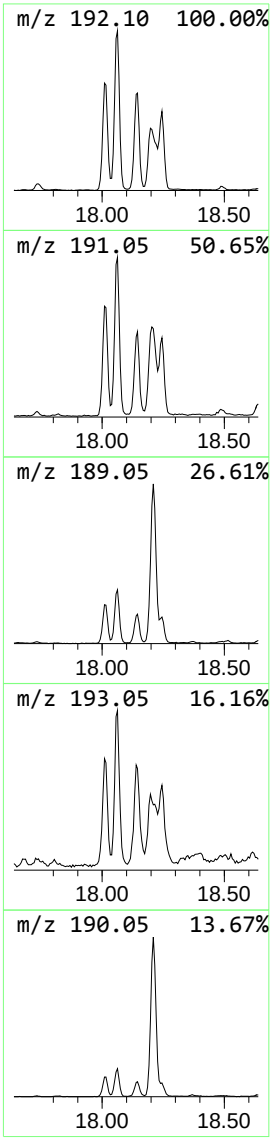
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	4.95 ng/ul	243176	Phenanthrene-d10	17.139

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





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Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : BGDX3DL

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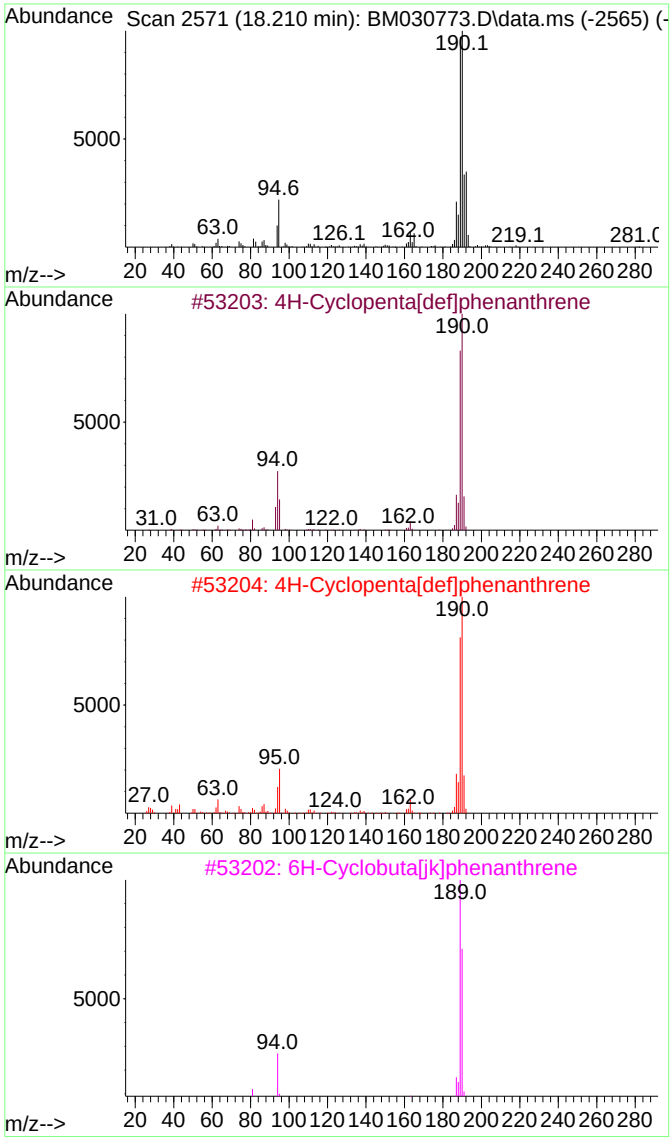
Quant Title : SVOA CALIBRATION

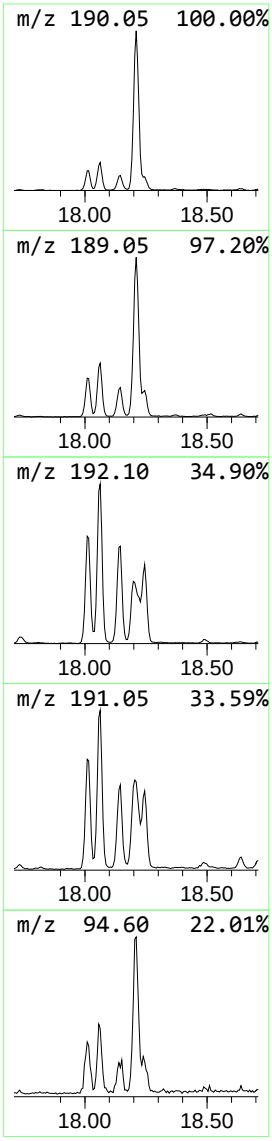
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	12.79 ng/ul	628445	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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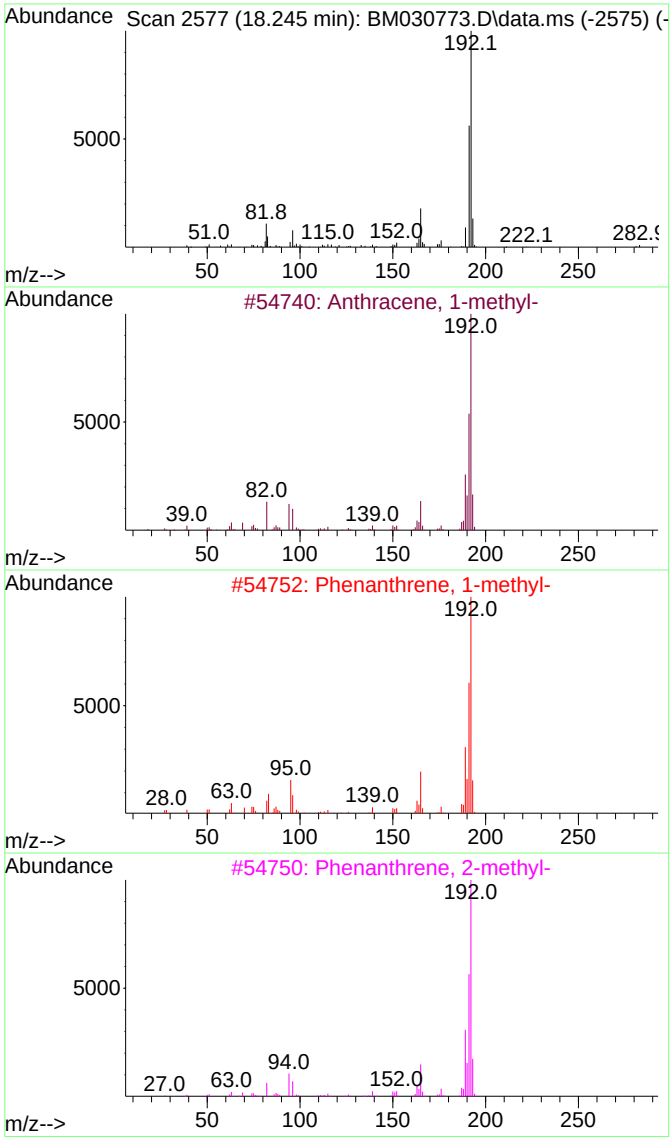
Quant Title : SVOA CALIBRATION

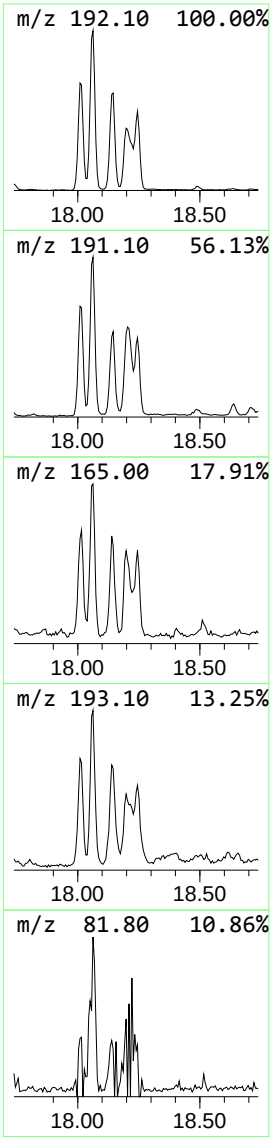
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	3.30 ng/ul	161947	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80





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Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

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 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	4.39 ng/ul	215869	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
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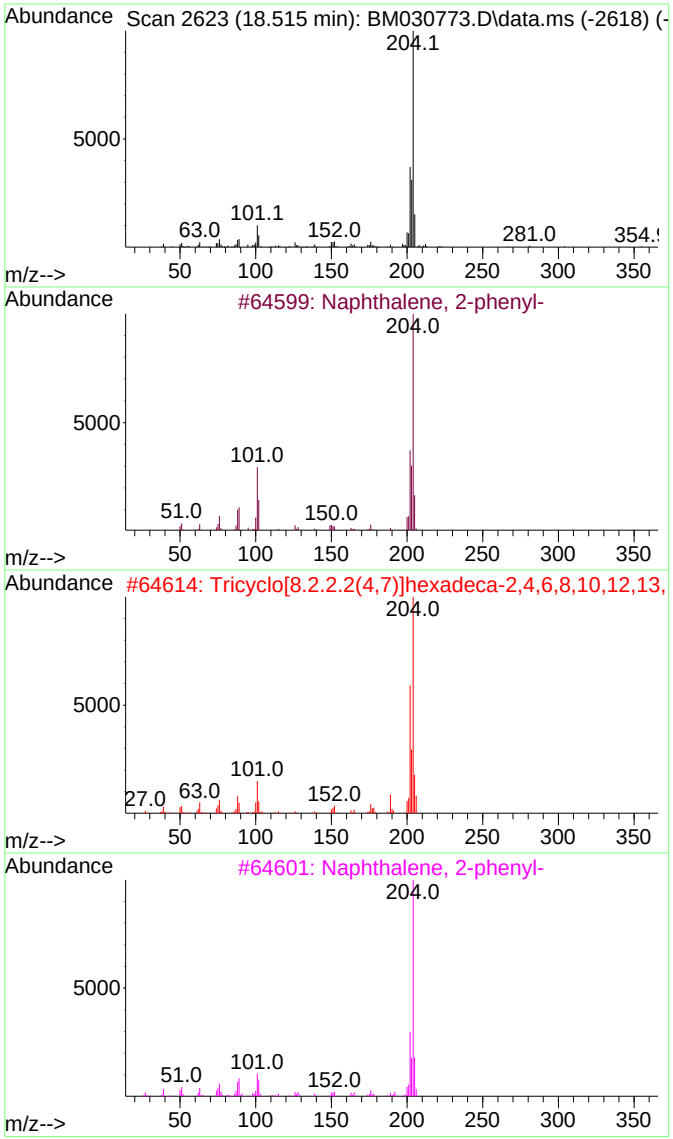

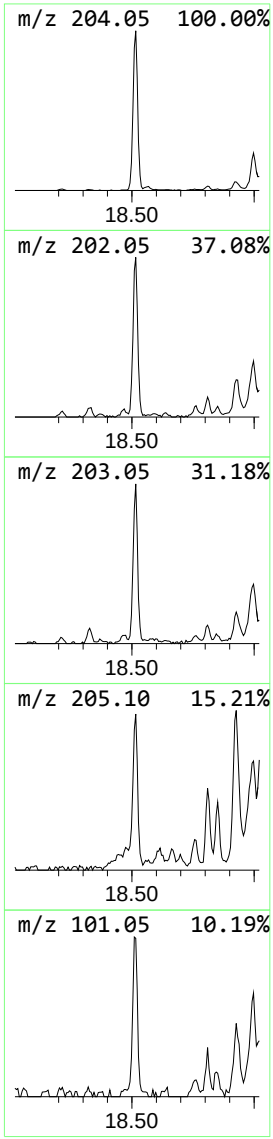

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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

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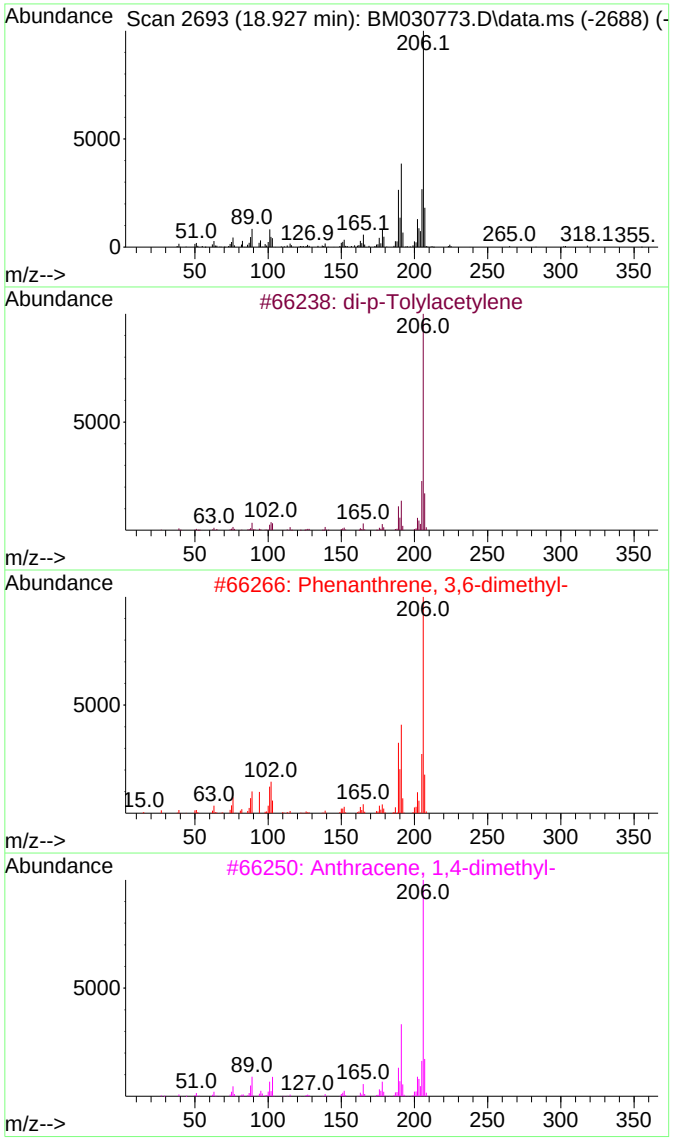
Quant Title : SVOA CALIBRATION

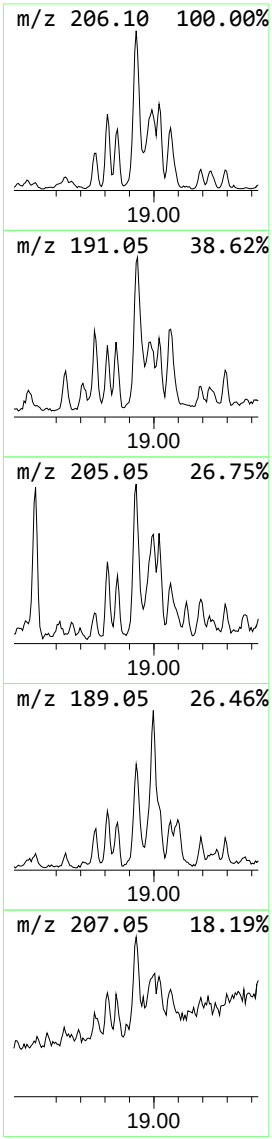
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.930	5.02 ng/ul	246377	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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ClientSampleId :
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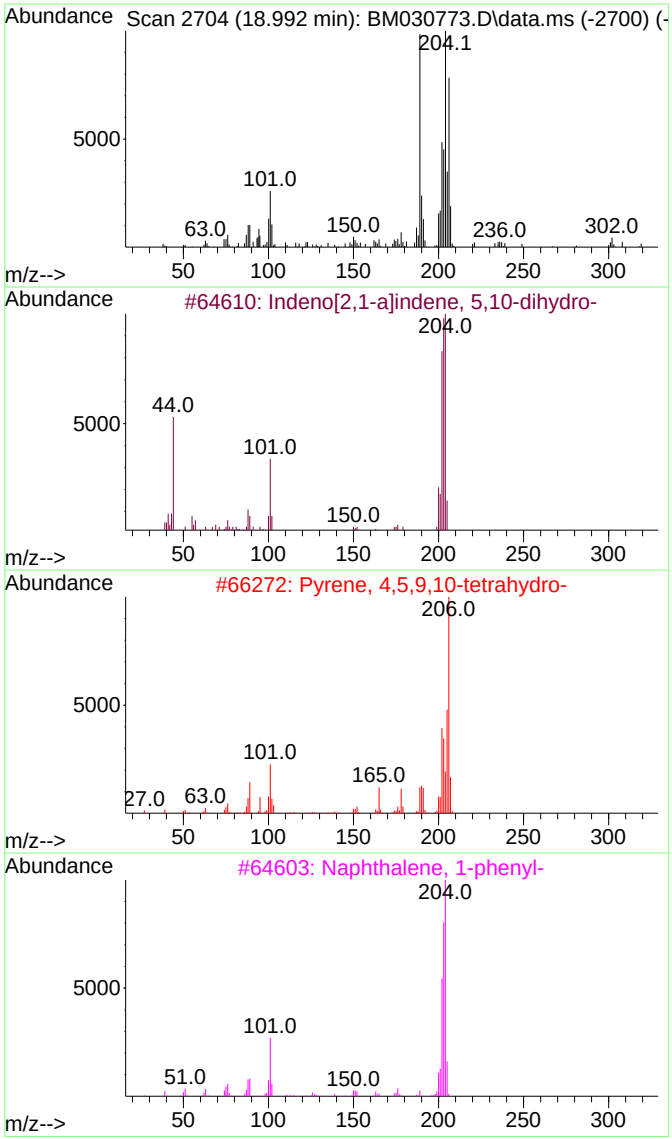
Quant Title : SVOA CALIBRATION

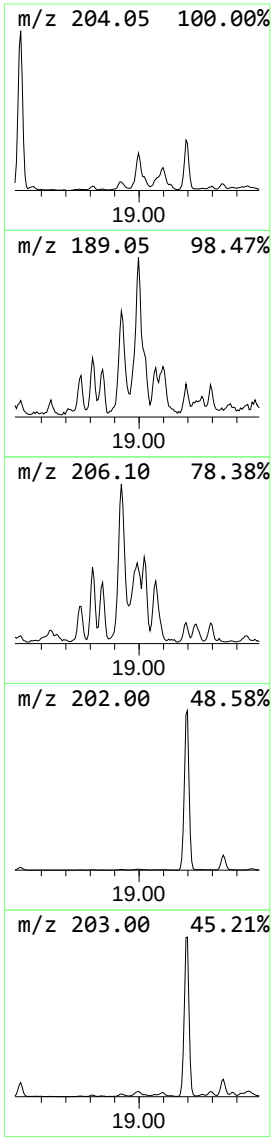
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	2.40 ng/ul	117808	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
5	4-Amino-3,5-dichloro-2,6-dimethy...	206	C7H8Cl2N2O	1000227-19-9	30





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Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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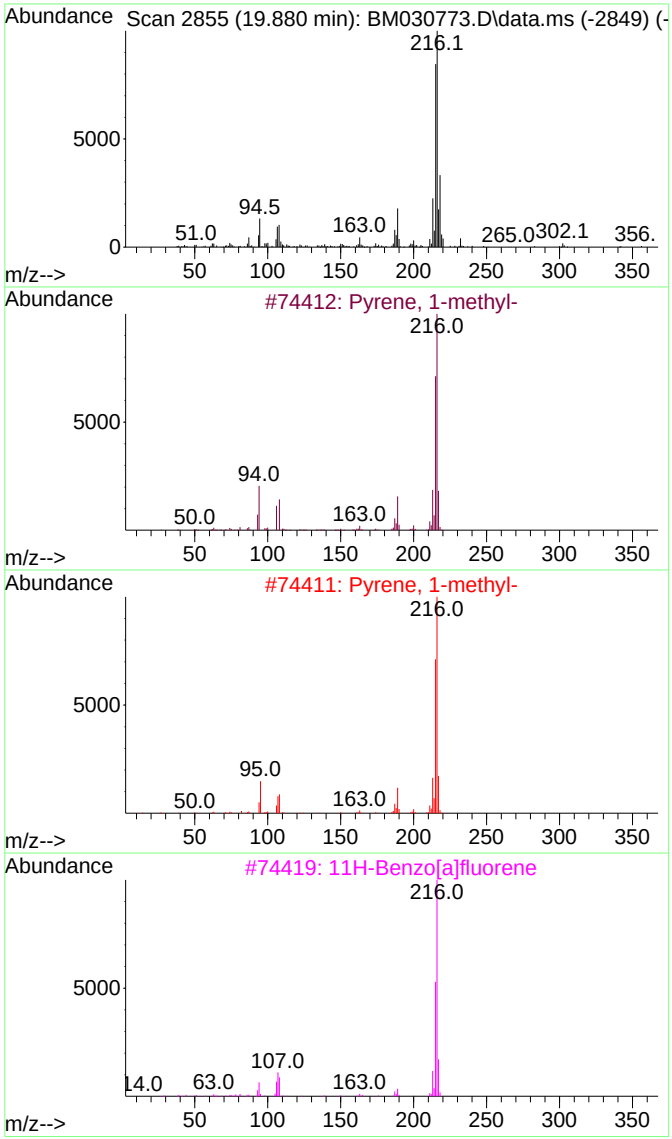
Quant Title : SVOA CALIBRATION

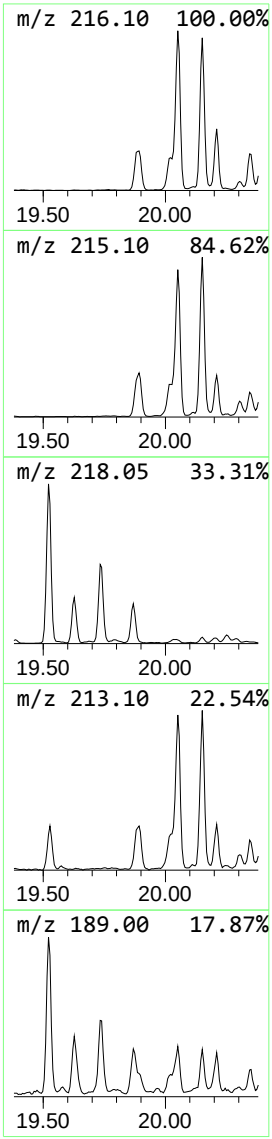
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.880	2.34 ng/ul	446277	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 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

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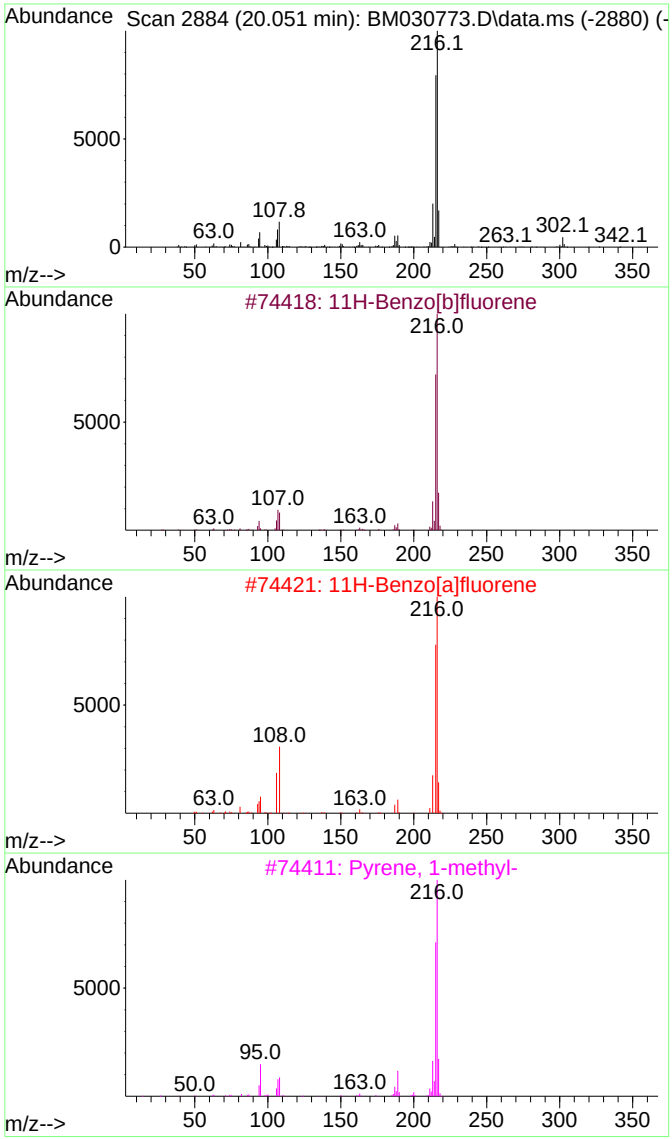
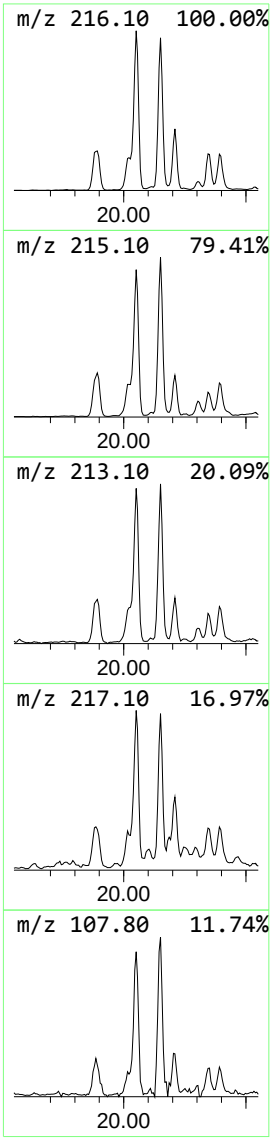
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	4.20 ng/ul	799980	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

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

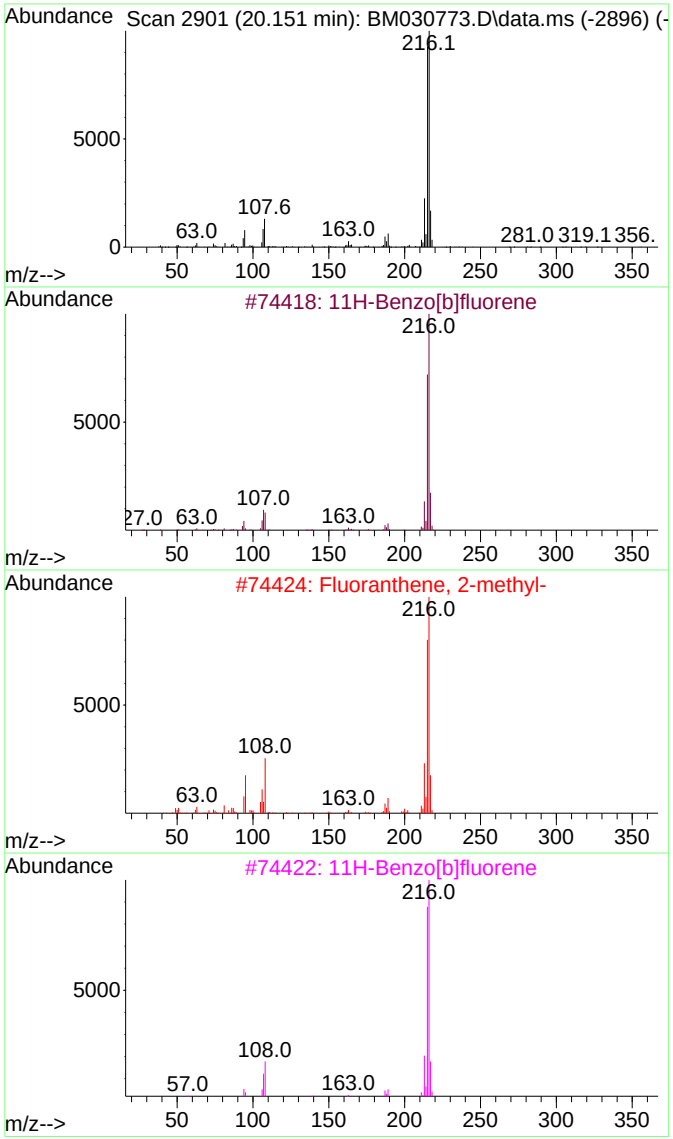
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

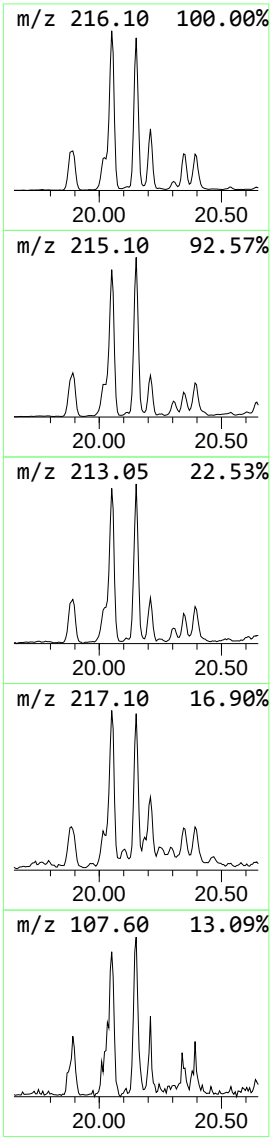
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.150	3.48 ng/ul	663398	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

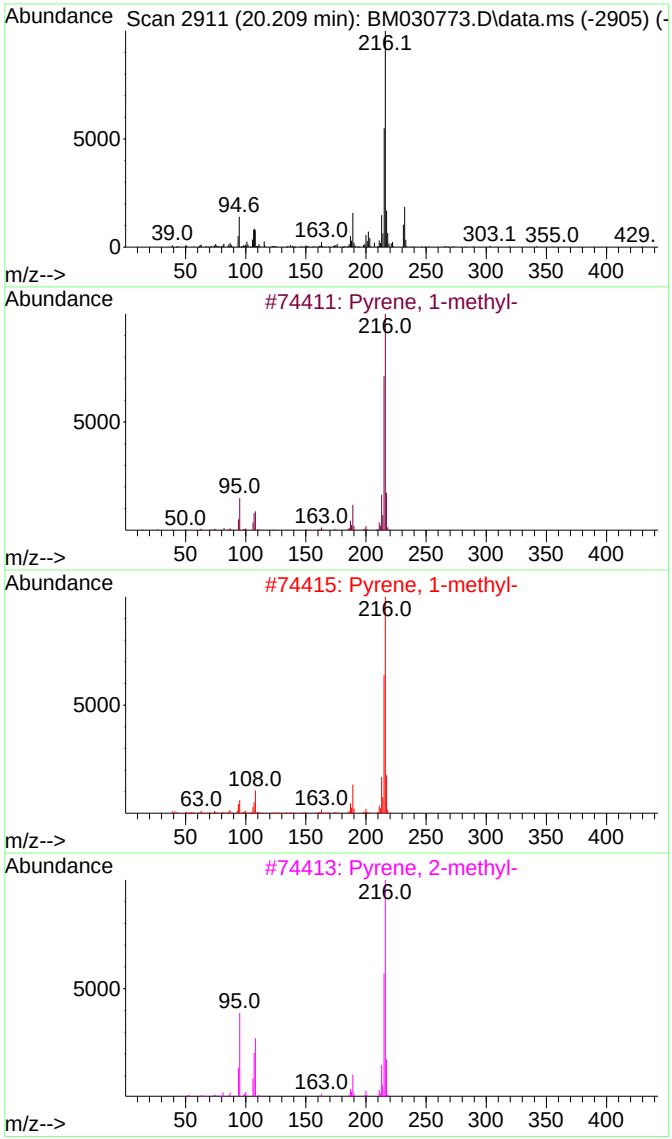
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

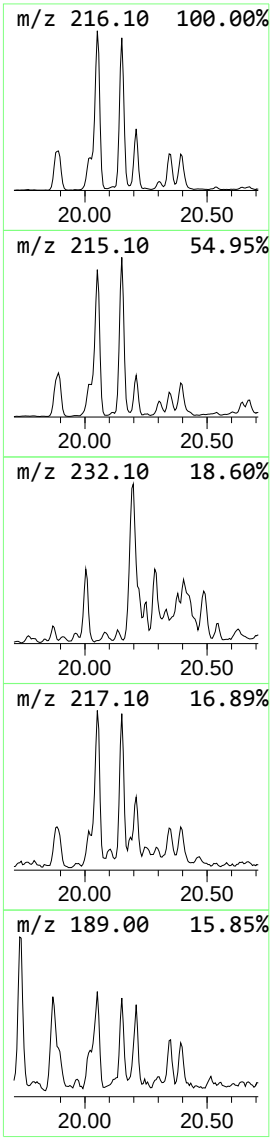
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	2.12 ng/ul	403453	Chrysene-d12	21.315

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	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

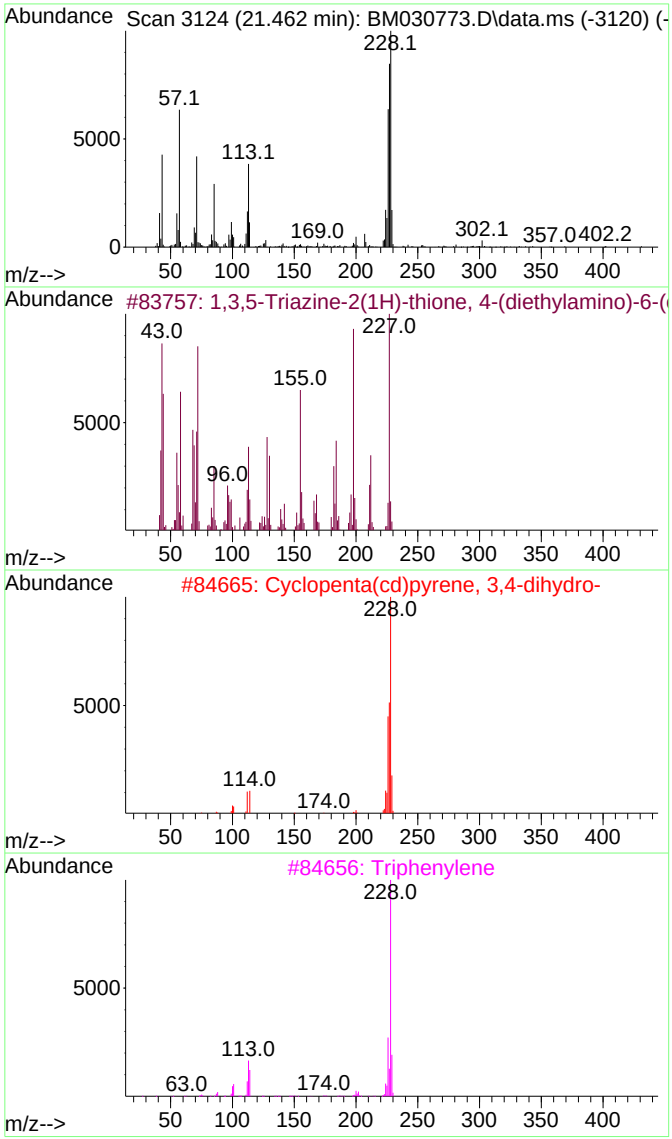
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

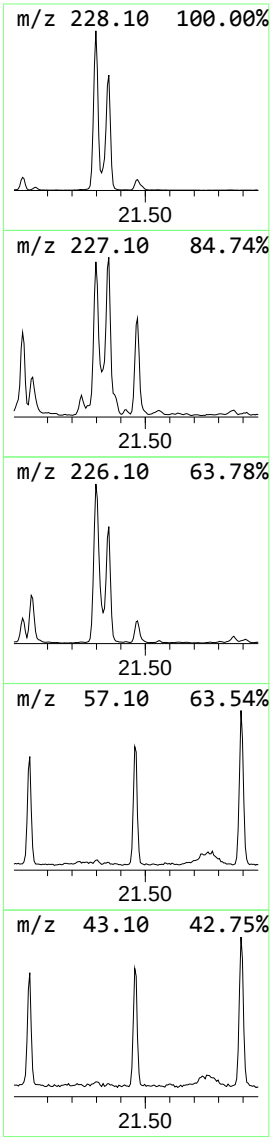
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,3,5-Triazine-2(1H)-thione... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.460	2.37 ng/ul	451779	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	91
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
3	Triphenylene	228	C18H12	000217-59-4	38
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





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Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

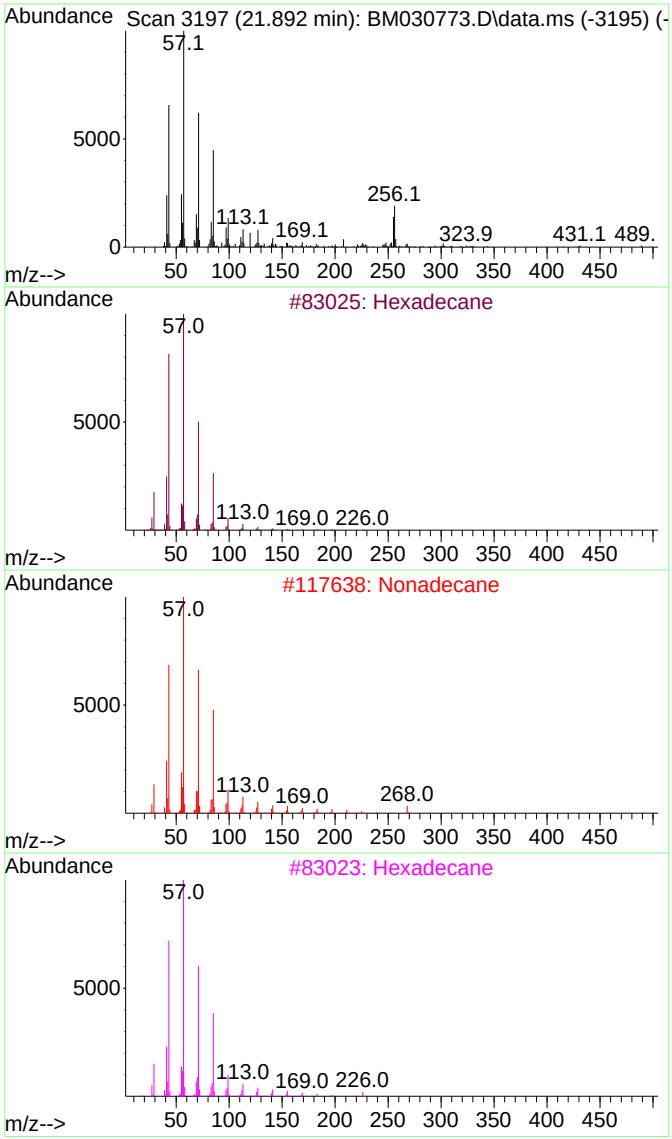
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

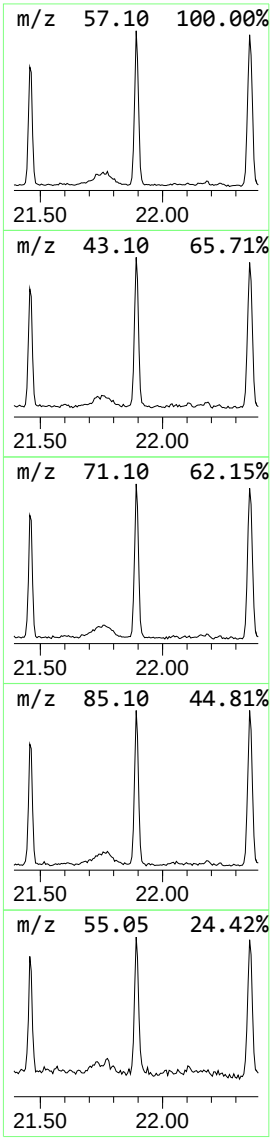
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.890	2.05 ng/ul	390171	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexadecane	226	C16H34	000544-76-3	92
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexacosane	366	C26H54	000630-01-3	76





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Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

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

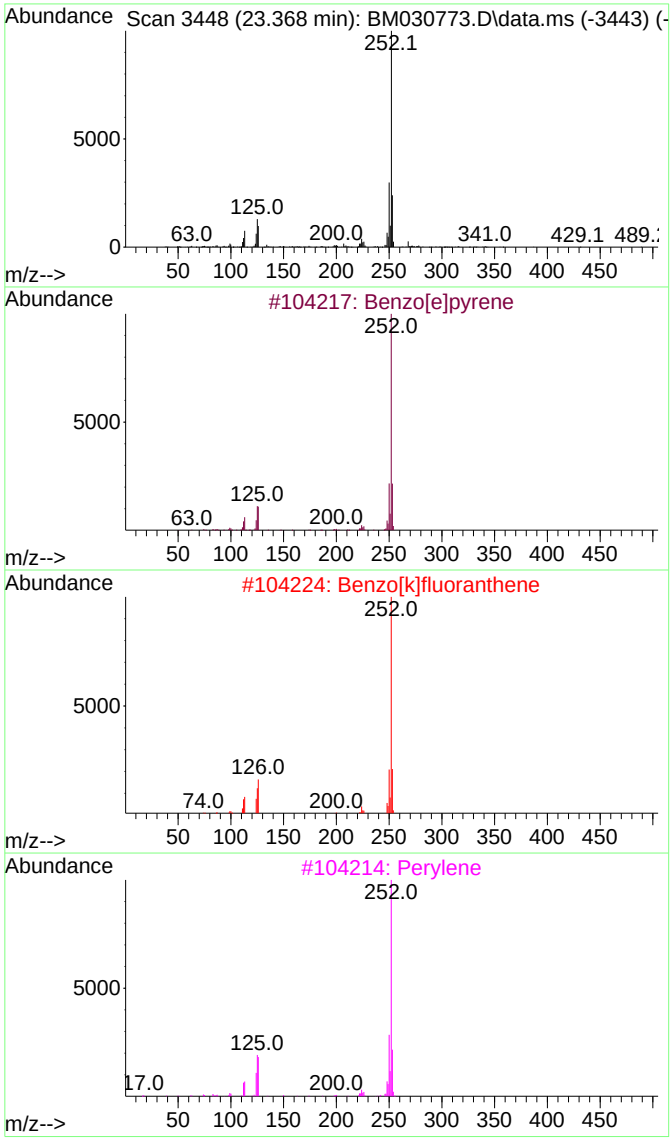
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

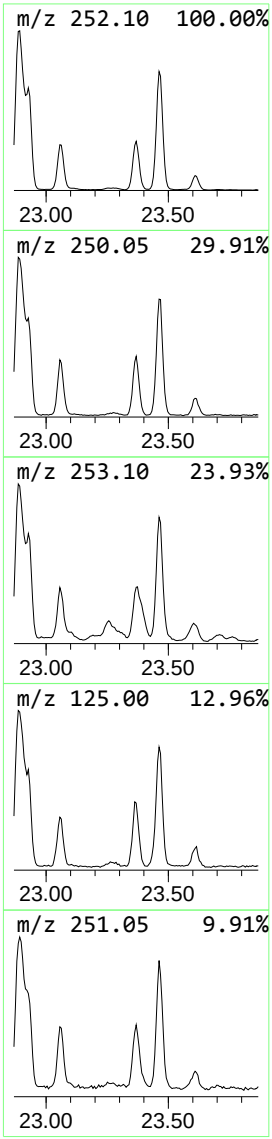
****

Peak Number 22 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.370	7.69 ng/ul	525361	Perylene-d12	23.562

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

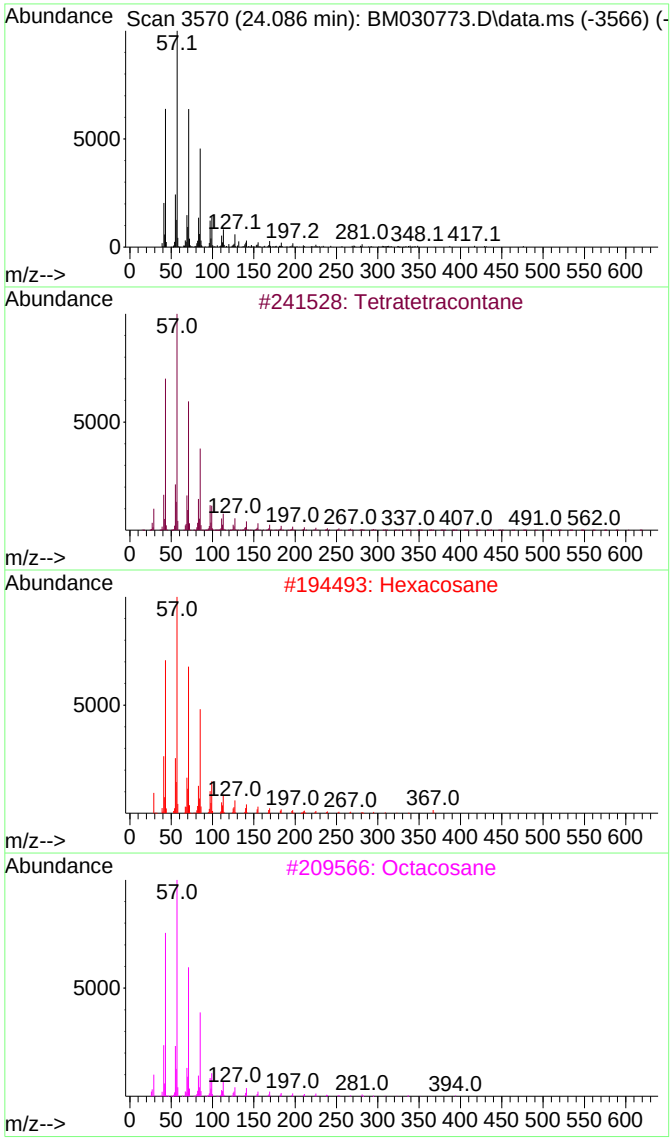
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

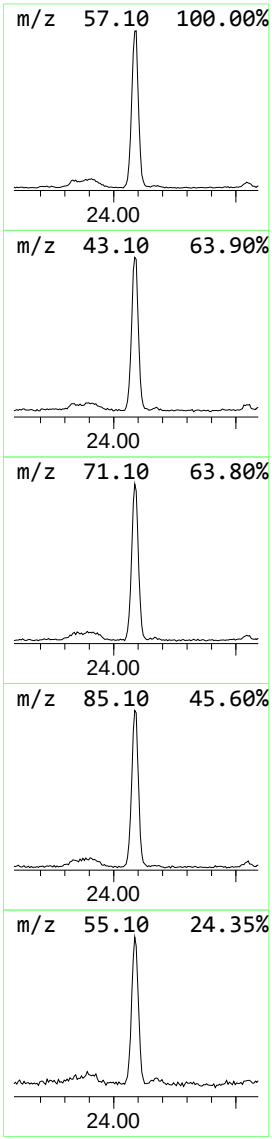
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.090	7.74 ng/ul	528962	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tricosane	324	C23H48	000638-67-5	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX3DL

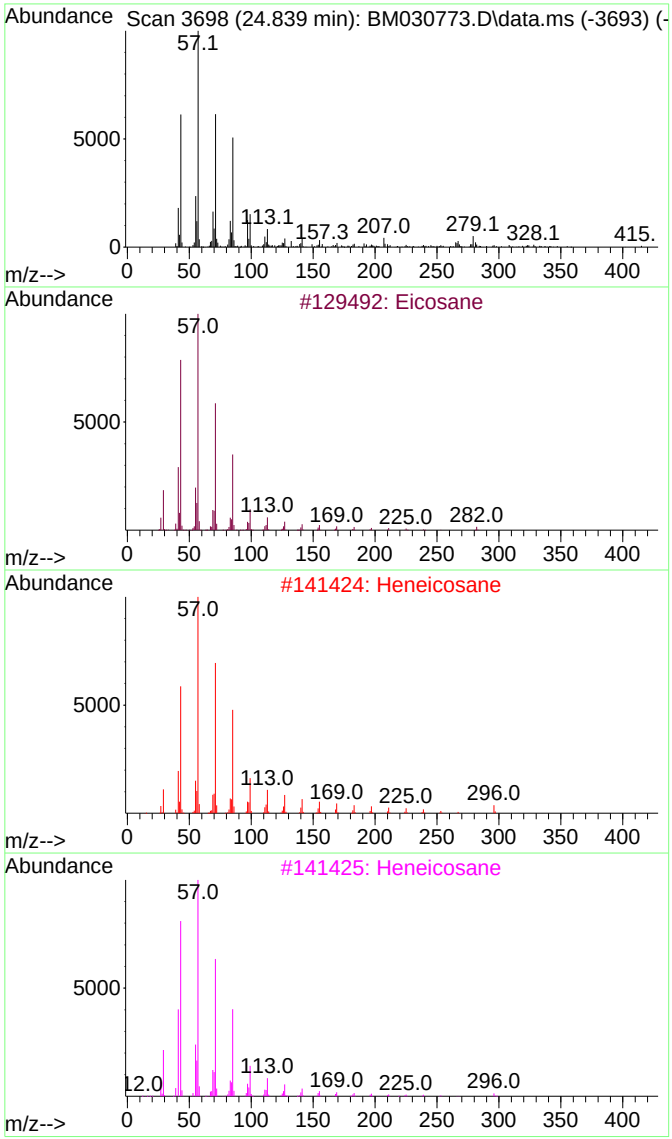
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

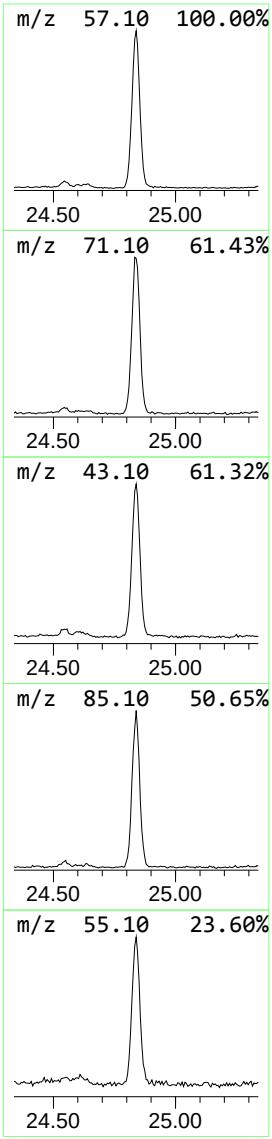
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.840	7.39 ng/ul	504714	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	92
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetradecane	198	C14H30	000629-59-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030773.D
Acq On : 02 Jul 2021 11:52
Operator : CG/JU
Sample : M2808-19DL 5X
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX3DL

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...	15.740	2.3	ng/ul	95573	3	14.398	838692	20.0
6H-Dibenzo[b,d]...	15.890	2.7	ng/ul	131866	4	17.139	982544	20.0
9H-Fluorene, 2-...	16.450	2.6	ng/ul	130072	4	17.139	982544	20.0
Naphtho[2,1-b]f...	16.670	2.1	ng/ul	101476	4	17.139	982544	20.0
8-Dimethylamino...	16.870	2.4	ng/ul	116263	4	17.139	982544	20.0
Dibenzothiophene	16.960	2.5	ng/ul	125026	4	17.139	982544	20.0
Phenanthrene, 2...	18.010	6.4	ng/ul	312633	4	17.139	982544	20.0
Phenanthrene, 1...	18.060	8.2	ng/ul	401178	4	17.139	982544	20.0
1H-Cyclopropa[l...	18.140	5.0	ng/ul	243176	4	17.139	982544	20.0
4H-Cyclopenta[d...	18.210	12.8	ng/ul	628445	4	17.139	982544	20.0
Anthracene, 1-m...	18.240	3.3	ng/ul	161947	4	17.139	982544	20.0
Naphthalene, 2-...	18.520	4.4	ng/ul	215869	4	17.139	982544	20.0
di-p-Tolylacety...	18.930	5.0	ng/ul	246377	4	17.139	982544	20.0
unknown-01	18.990	2.4	ng/ul	117808	4	17.139	982544	20.0
Pyrene, 2-methyl-	19.880	2.3	ng/ul	446277	5	21.315	3807330	20.0
11H-Benzo[a]flu...	20.050	4.2	ng/ul	799980	5	21.315	3807330	20.0
11H-Benzo[b]flu...	20.150	3.5	ng/ul	663398	5	21.315	3807330	20.0
Pyrene, 1-methyl-	20.210	2.1	ng/ul	403453	5	21.315	3807330	20.0
1,3,5-Triazine-...	21.460	2.4	ng/ul	451779	5	21.315	3807330	20.0
(DEL) Alkane: S...	21.890	2.0	ng/ul	390171	5	21.315	3807330	20.0
Benzo[e]pyrene	23.370	7.7	ng/ul	525361	6	23.562	1366510	20.0
(DEL) Alkane: S...	24.090	7.7	ng/ul	528962	6	23.562	1366510	20.0
(DEL) Alkane: S...	24.840	7.4	ng/ul	504714	6	23.562	1366510	20.0