LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFH0

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_P\Methods\SFAM-EPA-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.852	111	113	125	rBV	124276	181124	2.58%	0.242%
2	3.952	126	130	140	rVB	104832	146733	2.09%	0.196%
3	4.758	263	267	272	rVB	26349	35579	0.51%	0.048%
4	7.246	682	690	704	rBV	245913	460498	6.56%	0.615%
5	7.405	712	717	729	rBV	190311	314560	4.48%	0.420%
6	7.610	745	752	763	rBV	264374	451286	6.42%	0.603%
7	8.087	822	833	845	rBV	452928	774364	11.02%	1.035%
8	8.804	947	955	966	rBV	235978	440096	6.27%	0.588%
9	8.922	970	975	984	rVB	44474	81081	1.15%	0.108%
10	9.263	1026	1033	1048	rBV	262139	471476	6.71%	0.630%
11	9.993	1150	1157	1165	rBV	224853	391536	5.57%	0.523%
12	10.540	1242	1250	1266	rBV	277912	583202	8.30%	0.779%
13	10.910	1306	1313	1320	rBV	689066	1143979	16.29%	1.529%
14	11.063	1331	1339	1355	rBV	98139	253735	3.61%	0.339%
15	13.710	1784	1789	1794	rVB	69662	97099	1.38%	0.130%
16	13.892	1814	1820	1830	rVB8	26948	50680	0.72%	0.068%
17	14.051	1840	1847	1852	rBV3	29086	56724	0.81%	0.076%
18	14.134	1852	1861	1867	rVV	676098	930886	13.25%	1.244%
19	14.422	1904	1910	1925	rBV3	731071	1338532	19.06%	1.789%
20	14.728	1949	1962	1969	rBV	1097285	1638341	23.32%	2.190%
21	14.792	1969	1973	1980	rVB	49815	80092	1.14%	0.107%
22	14.963	1992	2002	2013	rBV	120174	332780	4.74%	0.445%
23	15.128	2023	2030	2038	rVV3	46688	93714	1.33%	0.125%
24	15.339	2060	2066	2071	rBV4	18510	38048	0.54%	0.051%
25	15.504	2088	2094	2098	rBV8	15741	34260	0.49%	0.046%
26	15.722	2122	2131	2137	rBV	981950	1408978	20.06%	1.883%
27	15.775	2137	2140	2149	rVB	85745	135389	1.93%	0.181%
28	15.857	2149	2154	2160	rBV	214856	328507	4.68%	0.439%
29	16.086	2186	2193	2204	rVB2	113555	220654	3.14%	0.295%
30	16.216	2211	2215	2223	rVB	35447	64395	0.92%	0.086%
31	16.422	2245	2250	2251	rBV3	35914	45539	0.65%	0.061%
32	16.786	2303	2312	2316	rBV3	39528	97164	1.38%	0.130%
33	17.010	2344	2350	2354	rBV4	35067	58484	0.83%	0.078%
34	17.145	2367	2373	2379	rVB	73459	115373	1.64%	0.154%
35	17.210	2380	2384	2391	rBV2	48803	81860	1.17%	0.109%
36	17.304	2395	2400	2406	rVB	104682	146975	2.09%	0.196%

LSC Area Percent Report

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Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFH0

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_P\Methods\SFAM-EPA-BP060723.MA.M
Title : SVOA CALIBRATION

37	17.363	2406	2410	2414	rBV2	48219	67083	0.95%	0.090%
38	17.486	2425	2431	2435	rBV	1491826	2182234	31.07%	2.917%
39	17.528	2435	2438	2443	rVV	1611958	2278730	32.44%	3.046%
40	17.586	2443	2448	2452	rVV	1096235	1633780	23.26%	2.184%
41	17.622	2452	2454	2459	rVV	421251	507347	7.22%	0.678%
42	17.686	2463	2465	2469	rVV	27140	31639	0.45%	0.042%
43	17.892	2493	2500	2507	rBV2	122378	263046	3.74%	0.352%
44	17.951	2508	2510	2514	rVV3	34003	44687	0.64%	0.060%
45	17.998	2514	2518	2525	rVV2	69572	99604	1.42%	0.133%
46	18.063	2525	2529	2536	rVB2	92989	150225	2.14%	0.201%
47	18.198	2549	2552	2556	rBV	32294	59187	0.84%	0.079%
48	18.275	2561	2565	2571	rBV4	152337	212672	3.03%	0.284%
49	18.345	2572	2577	2581	rBV	851980	1093811	15.57%	1.462%
50	18.392	2581	2585	2592	rVB	419223	570871	8.13%	0.763%
51	18.469	2595	2598	2603	rVB	122473	158671	2.26%	0.212%
52	18.533	2603	2609	2613	rBV3	417841	772025	10.99%	1.032%
53	18.569	2613	2615	2620	rVB	224460	246507	3.51%	0.329%
54	18.639	2620	2627	2630	rBV6	57851	119407	1.70%	0.160%
55	18.680	2631	2634	2638	rBV4	38696	50466	0.72%	0.067%
56	18.727	2639	2642	2645	rBV2	34720	43313	0.62%	0.058%
57	18.822	2654	2658	2662	rBV	281767	367797	5.24%	0.492%
58	18.875	2663	2667	2672	rVB	232452	302544	4.31%	0.404%
59	19.063	2691	2699	2703	rBV4	98555	192311	2.74%	0.257%
60	19.110	2703	2707	2710	rVV	94511	127984	1.82%	0.171%
61	19.145	2711	2713	2717	rVB2	73926	79759	1.14%	0.107%
62	19.227	2722	2727	2731	rBV	234084	350921	5.00%	0.469%
63	19.316	2740	2742	2745	rVB	66875	65420	0.93%	0.087%
64	19.375	2746	2752	2758	rBV2	268871	443007	6.31%	0.592%
65	19.433	2759	2762	2763	rVV3	33650	36848	0.52%	0.049%
66	19.486	2764	2771	2777	rVB	4762675	6424718	91.46%	8.587%
67	19.539	2777	2780	2782	rBV	78138	89853	1.28%	0.120%
68	19.569	2782	2785	2791	rVV3	238580	358711	5.11%	0.479%
69	19.627	2792	2795	2799	rVV	73034	89082	1.27%	0.119%
70	19.722	2808	2811	2819	rVB	189031	290337	4.13%	0.388%
71	19.810	2820	2826	2828	rVV2	1983512	2841531	40.45%	3.798%
72	19.839	2828	2831	2838	rVV	3997529	5307394	75.55%	7.094%
73	19.904	2838	2842	2848	rVB	222182	303689	4.32%	0.406%
74	20.010	2857	2860	2865	rVB	221431	277273	3.95%	0.371%
75	20.074	2869	2871	2877	rVB	132531	183136	2.61%	0.245%
76	20.151	2878	2884	2885	rBV3	294038	485158	6.91%	0.648%

LSC Area Percent Report

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Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFH0

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Title : SVOA CALIBRATION

77	20.210	2891	2894	2897	rBV	92808	130004	1.85%	0.174%
78	20.316	2902	2912	2917	rVB	529623	1228328	17.49%	1.642%
79	20.416	2925	2929	2932	rBV	259623	331297	4.72%	0.443%
80	20.474	2932	2939	2942	rVV2	383466	652395	9.29%	0.872%
81	20.610	2958	2962	2965	rBV	297785	382687	5.45%	0.511%
82	20.651	2966	2969	2980	rVB3	252946	418380	5.96%	0.559%
83	21.051	3033	3037	3044	rBV	673404	870741	12.40%	1.164%
84	21.210	3059	3064	3067	rBV2	671666	997230	14.20%	1.333%
85	21.245	3067	3070	3074	rVV	758361	1043703	14.86%	1.395%
86	21.292	3074	3078	3082	rVV2	469985	736424	10.48%	0.984%
87	21.345	3083	3087	3091	rVB	585109	796689	11.34%	1.065%
88	21.445	3101	3104	3111	rVB2	288935	383766	5.46%	0.513%
89	21.563	3115	3124	3129	rVV3	3076766	7024547	100.00%	9.389%
90	21.610	3129	3132	3142	rVB	2196253	3054725	43.49%	4.083%
91	21.739	3151	3154	3159	rBV	221188	262515	3.74%	0.351%
92	21.798	3161	3164	3168	rBV2	186263	307206	4.37%	0.411%
93	21.916	3180	3184	3188	rVB2	311515	440332	6.27%	0.589%
94	22.168	3224	3227	3231	rVB2	445804	591975	8.43%	0.791%
95	23.280	3413	3416	3420	rVB	251868	323008	4.60%	0.432%
96	23.339	3420	3426	3432	rBV	1619461	4229799	60.21%	5.653%
97	23.898	3515	3521	3526	rBV	904141	1867724	26.59%	2.496%
98	23.957	3526	3531	3535	rVV2	948074	1935489	27.55%	2.587%
99	24.010	3535	3540	3547	rVB	1299321	2576570	36.68%	3.444%
100	24.121	3554	3559	3565	rBV	1015617	1908256	27.17%	2.550%

Sum of corrected areas: 74820291

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
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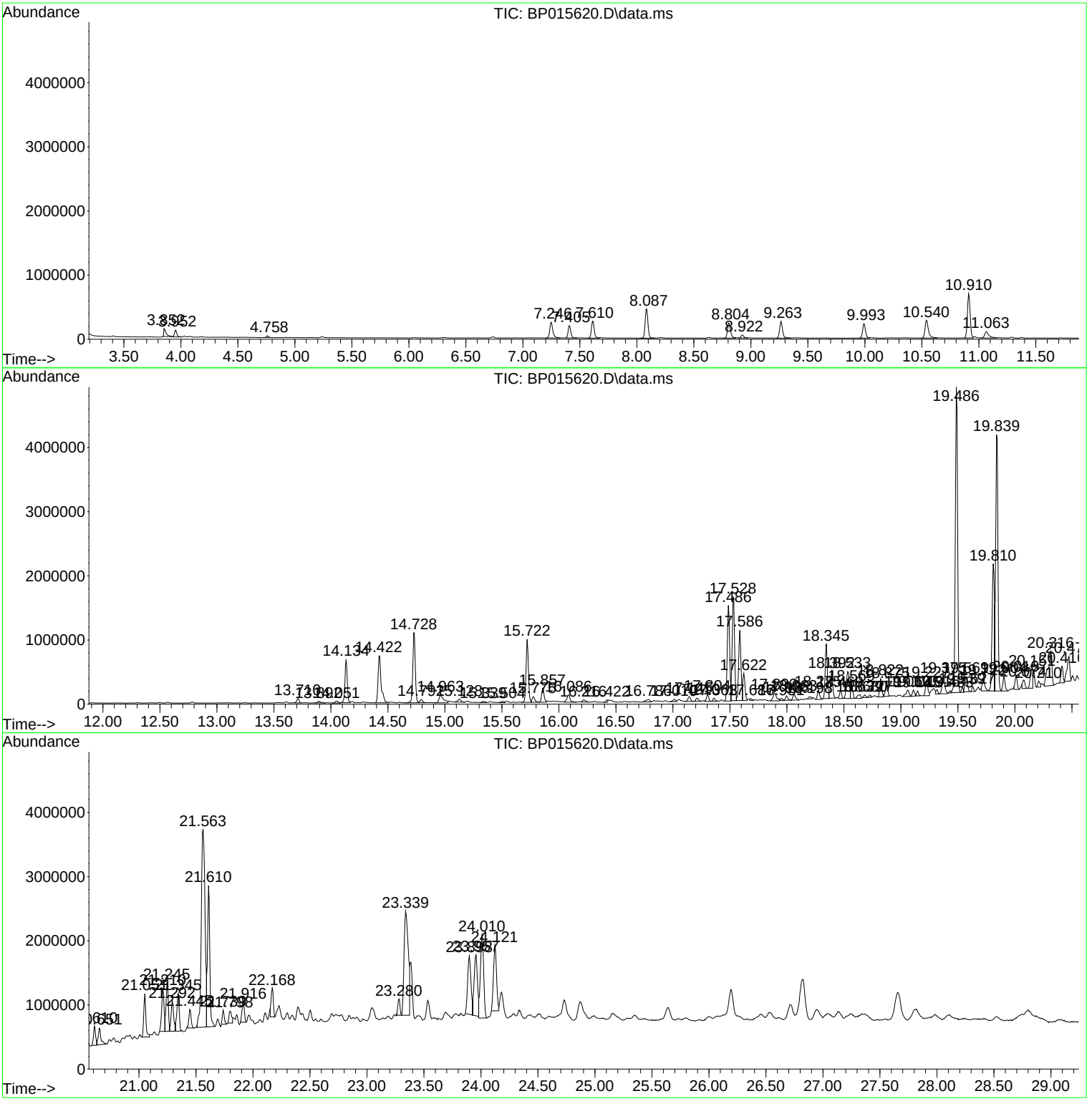
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

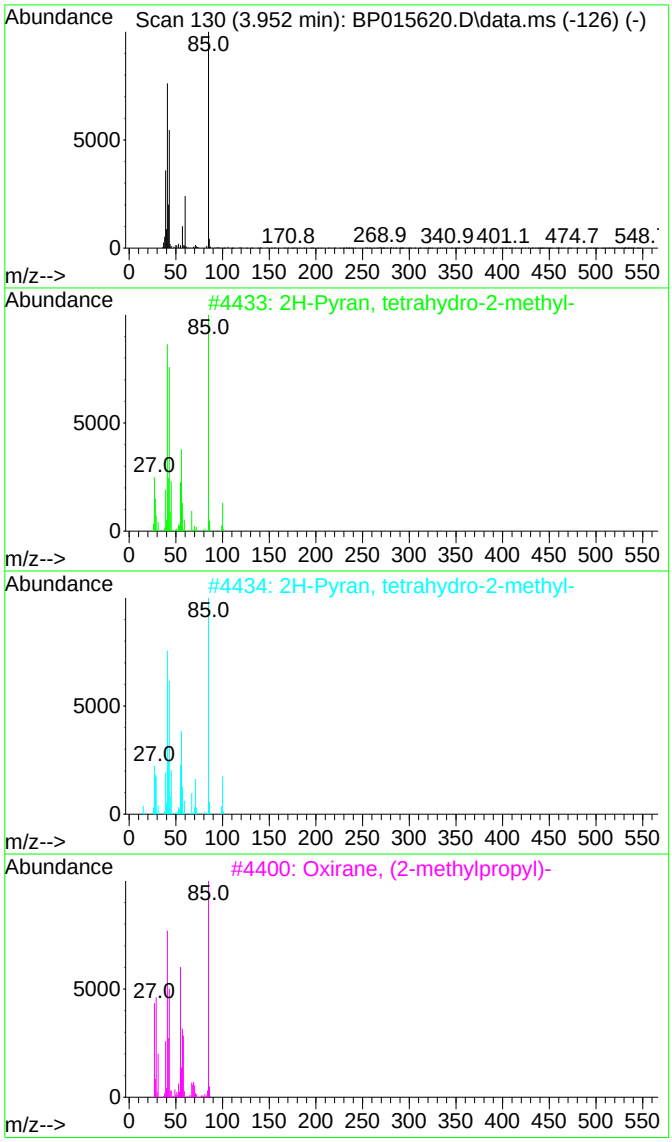
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

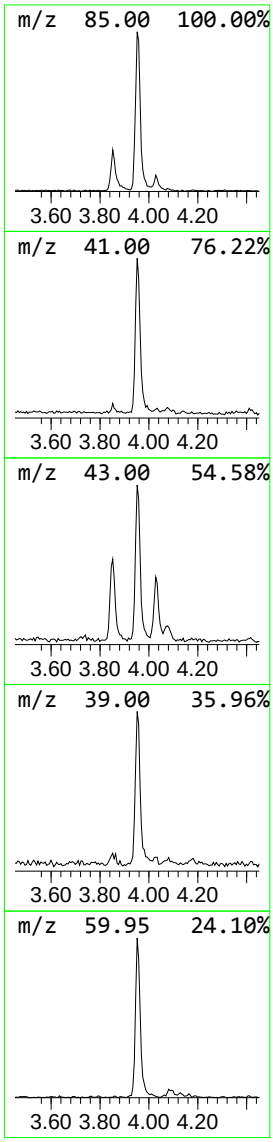
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.952	3.79 ng/ul	146733	1,4-Dichlorobenzene-d4	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	72
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	Methacrylamide	85	C4H7NO	000079-39-0	33
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

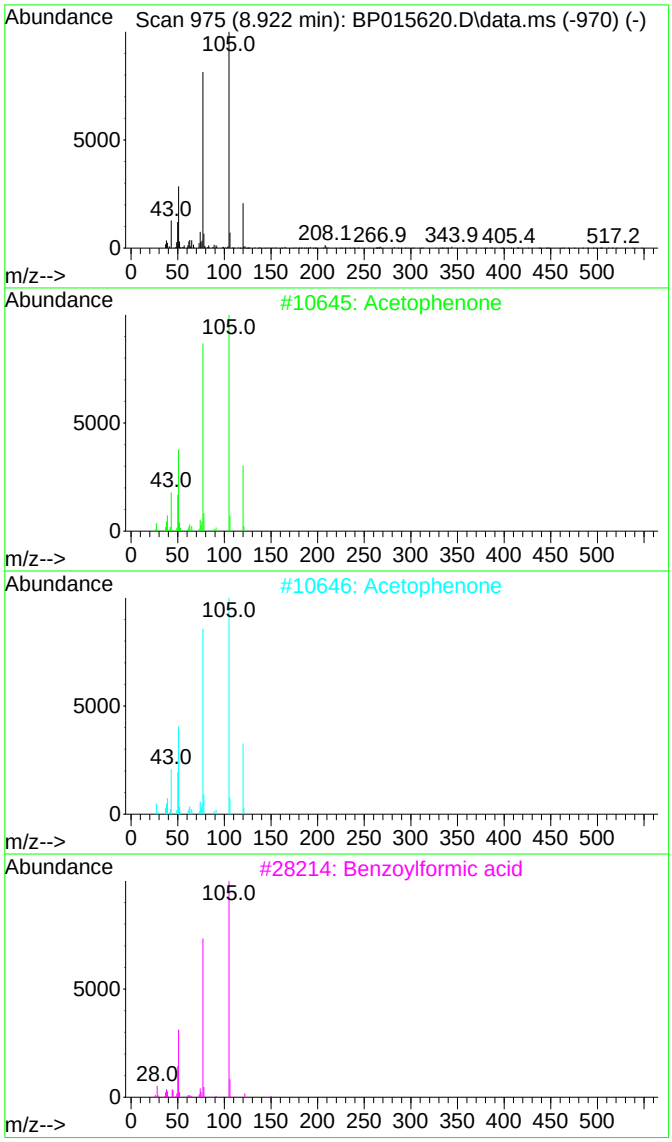
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

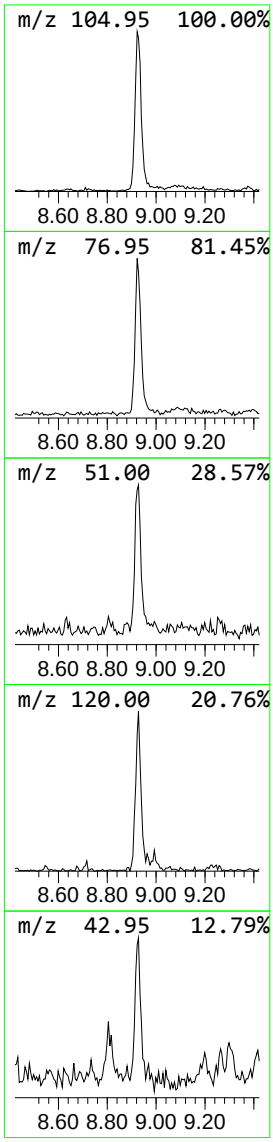
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aceto phenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	2.09 ng/ul	81081	1,4-Dichlorobenzene-d4	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	91
2	Acetophenone	120	C8H8O	000098-86-2	90
3	Benzoylformic acid	150	C8H6O3	000611-73-4	87
4	Acetophenone	120	C8H8O	000098-86-2	86
5	Acetophenone	120	C8H8O	000098-86-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

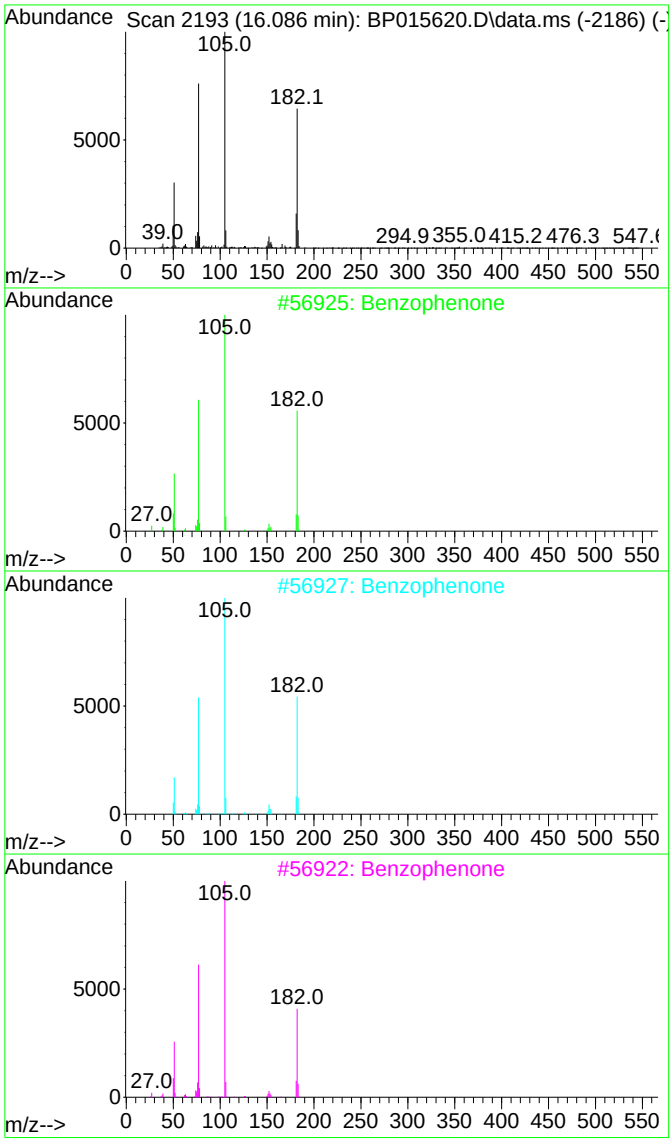
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

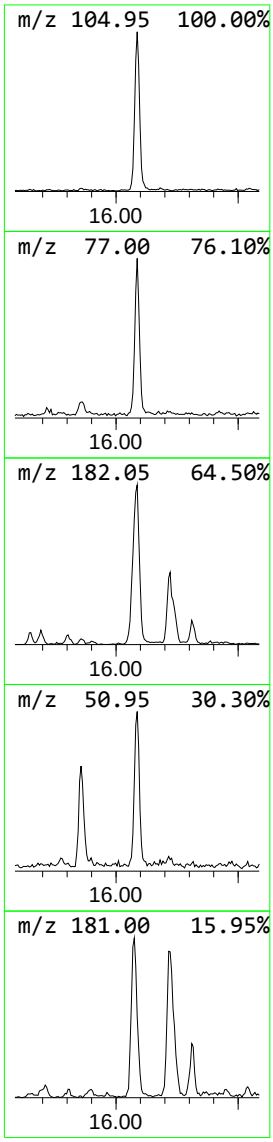
****

Peak Number 3 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	2.69 ng/ul	220654	Acenaphthene-d10	14.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

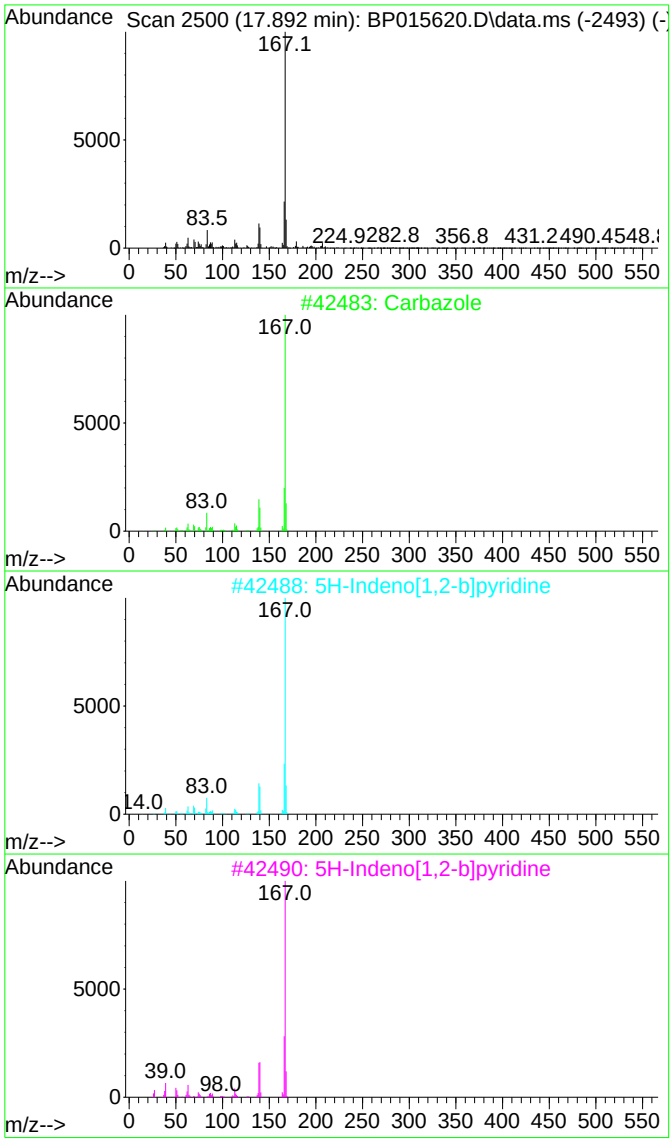
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

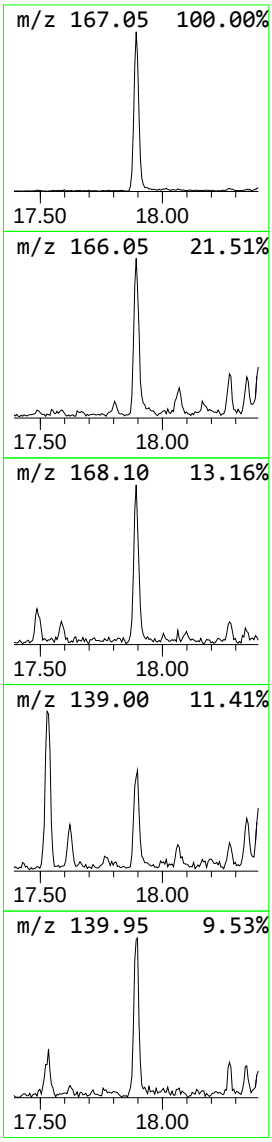
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carba zole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	2.41 ng/ul	263046	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

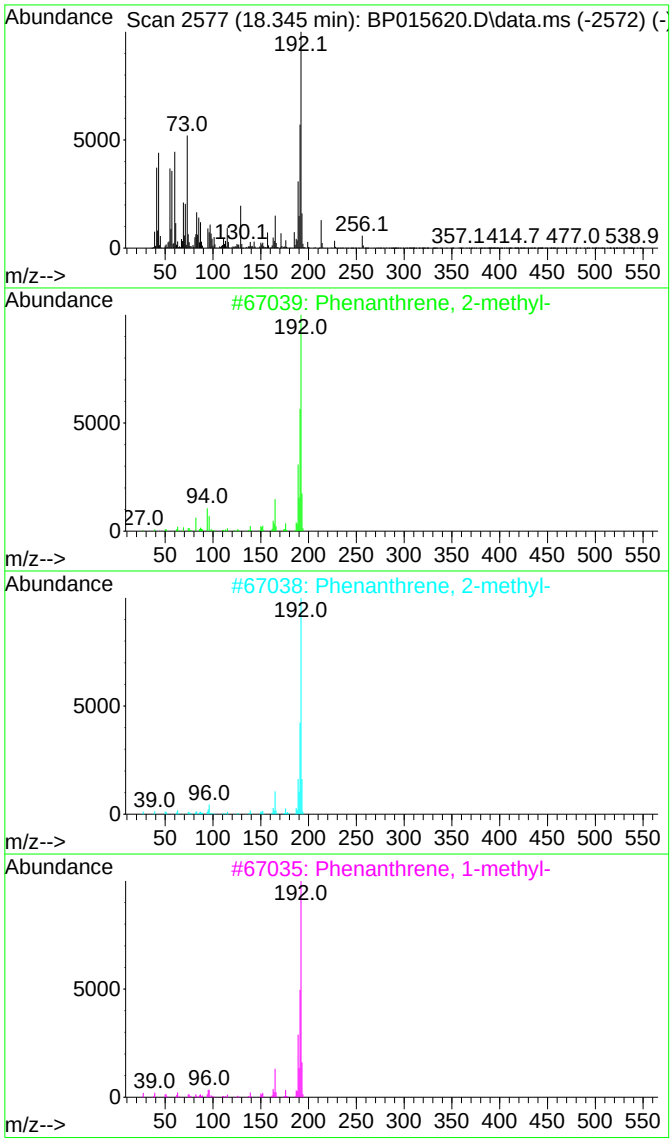
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

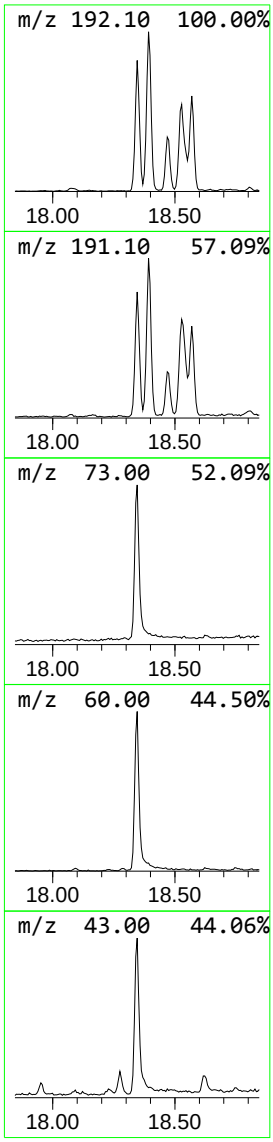
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	10.02 ng/ul	1093810	Phenanthrene-d10	17.486

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





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Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

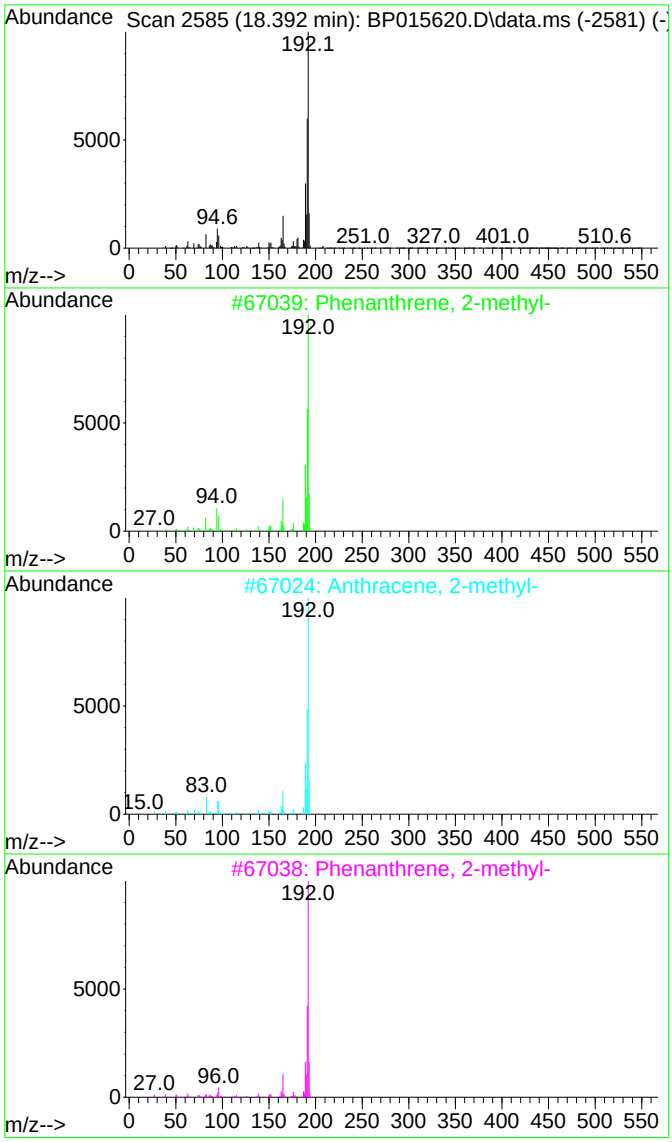
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

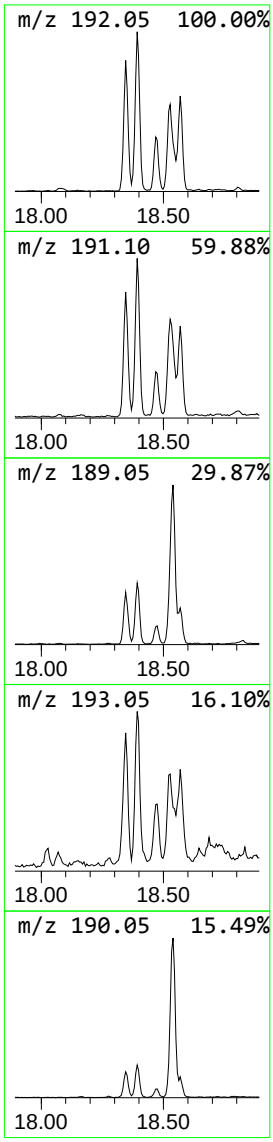
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	5.23 ng/ul	570871	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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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Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

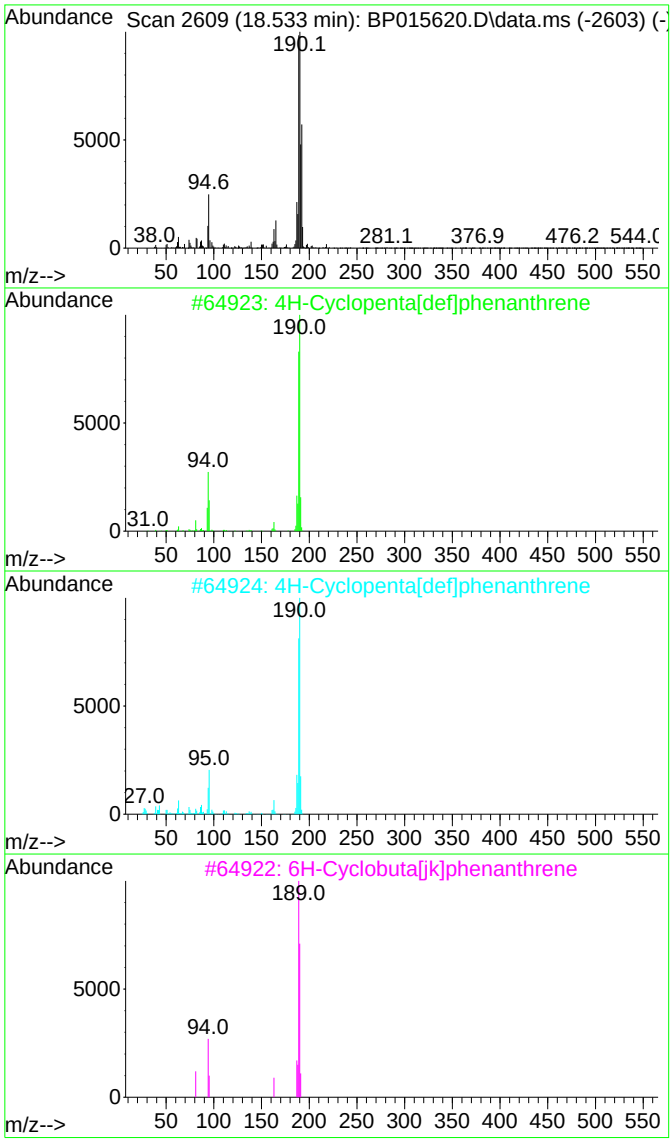
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

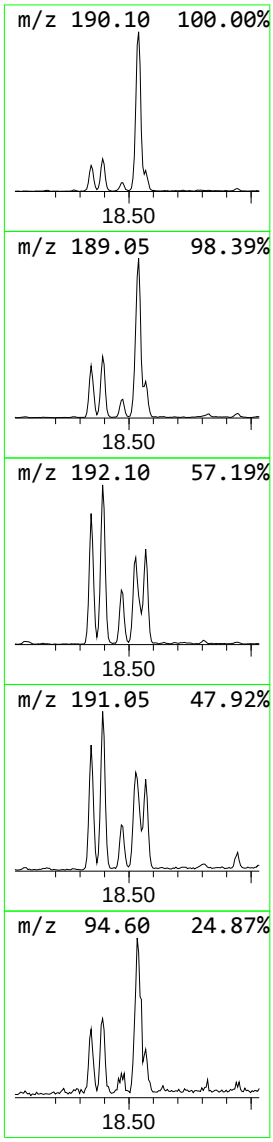
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	7.08 ng/ul	772025	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

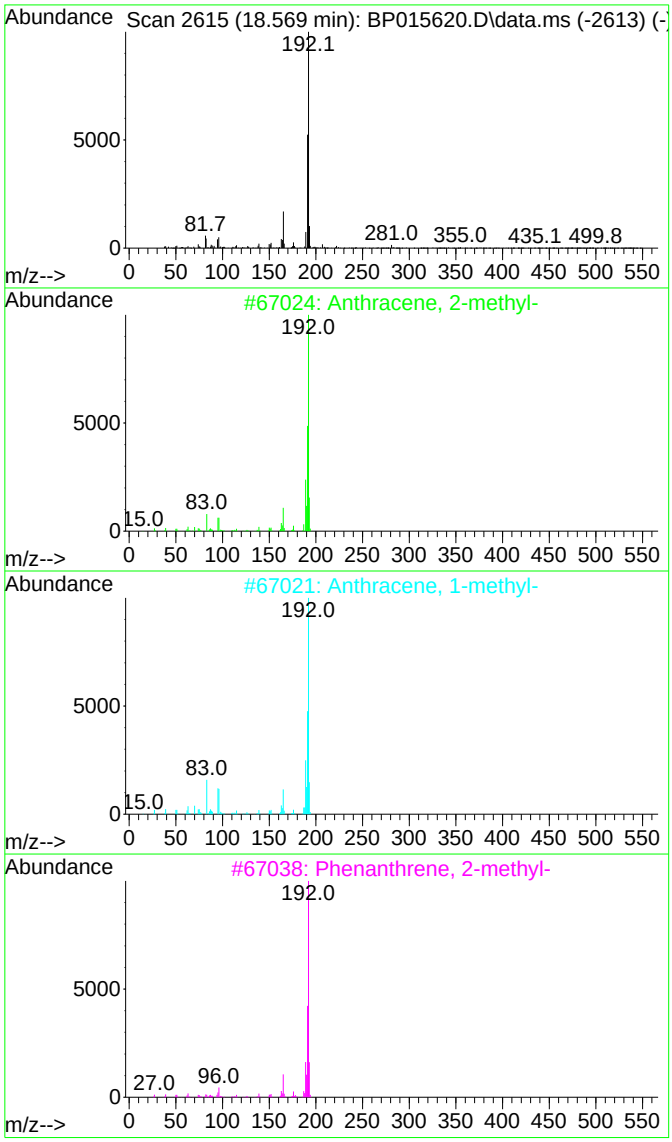
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

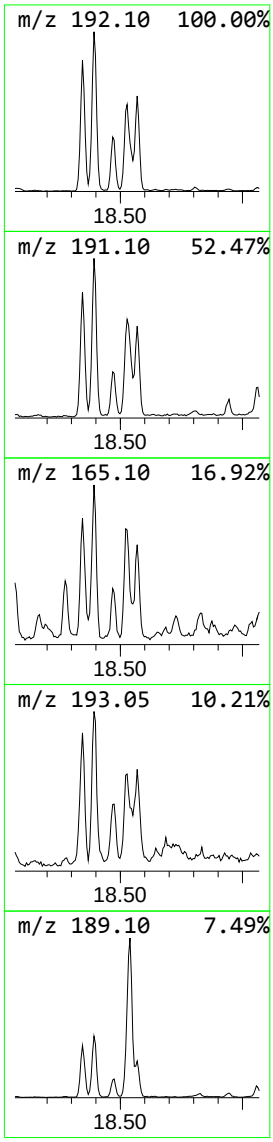
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	2.26 ng/ul	246507	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80





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Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

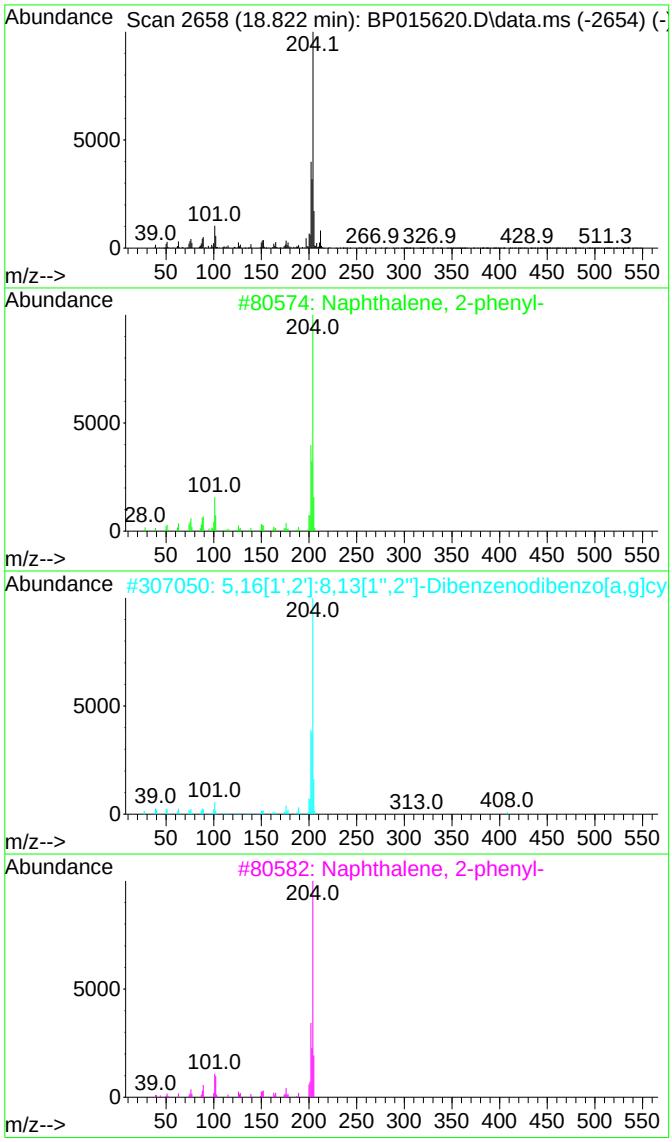
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

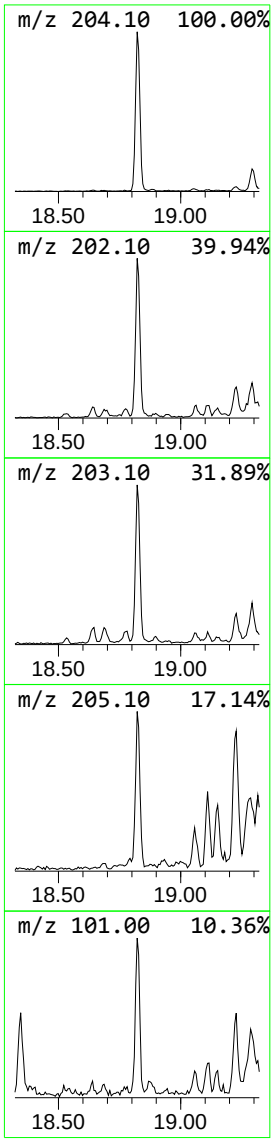
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.822	3.37 ng/ul	367797	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
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	83
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78





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Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

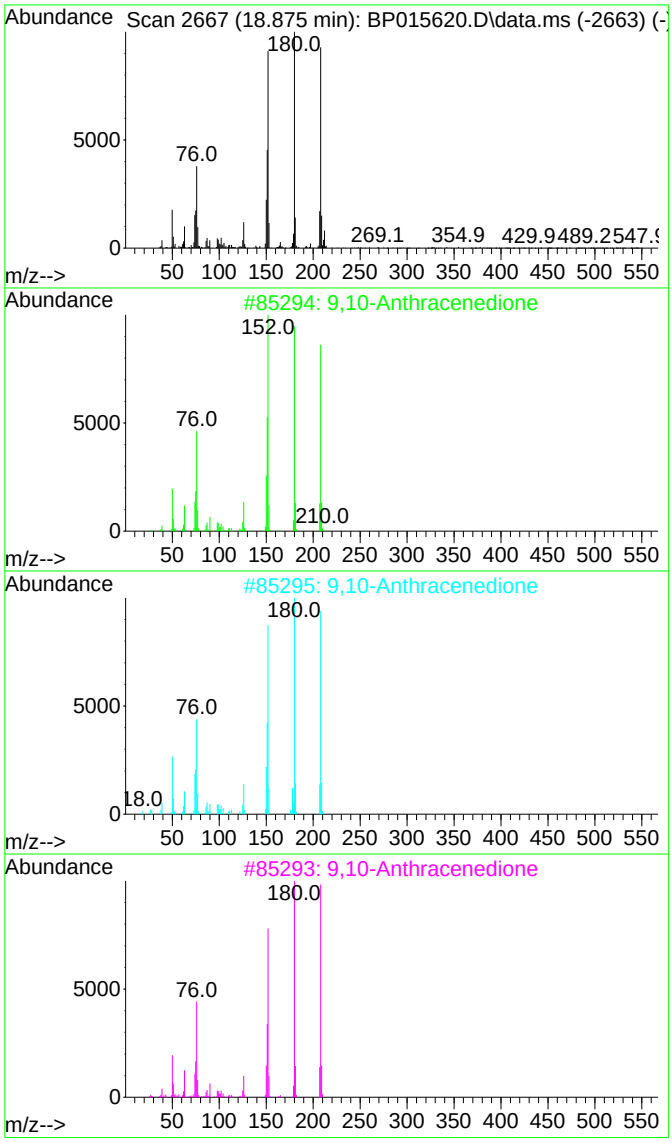
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

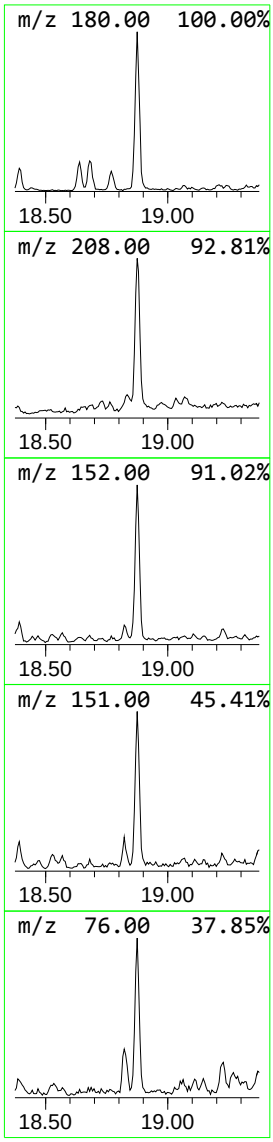
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	2.77 ng/ul	302544	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92





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Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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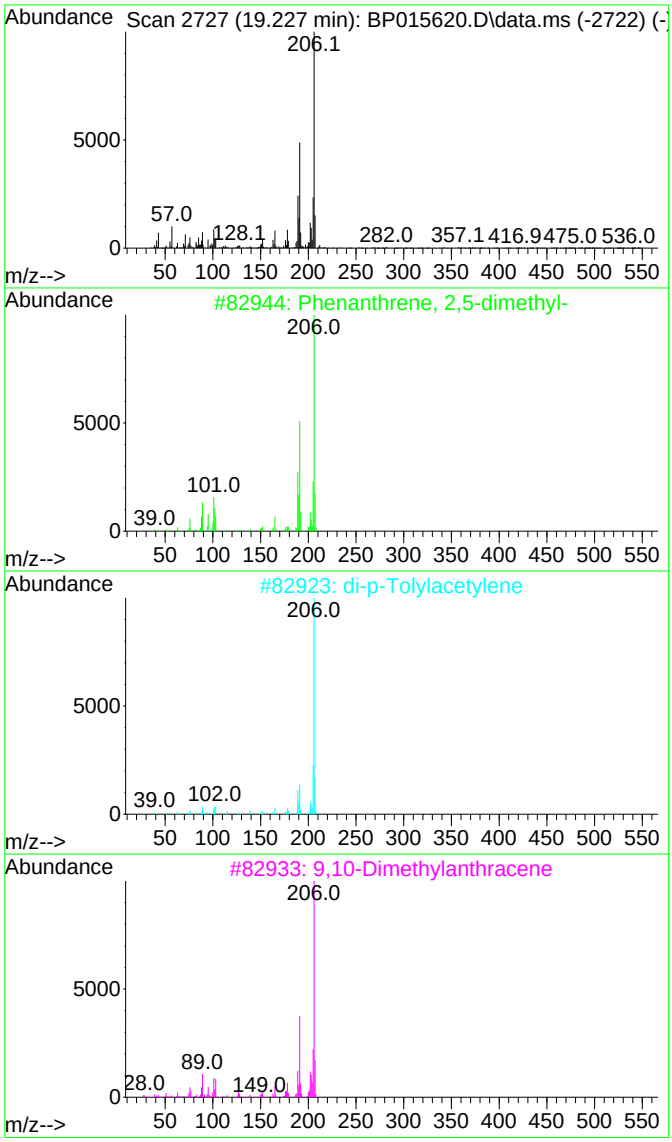
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

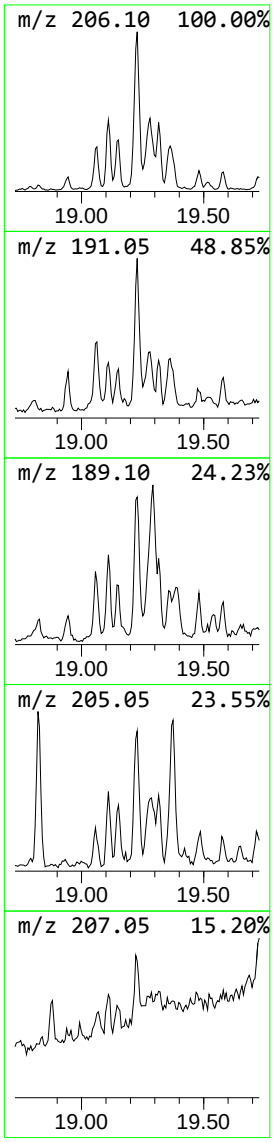
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	3.22 ng/ul	350921	Phenanthrene-d10	17.486

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





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Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

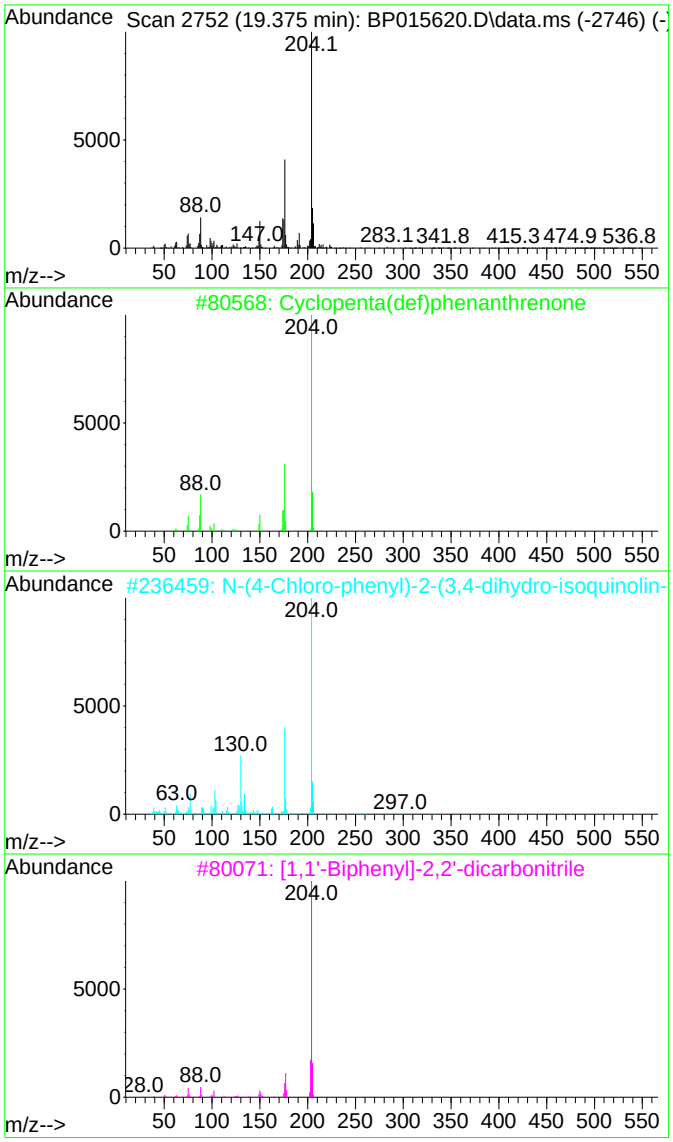
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

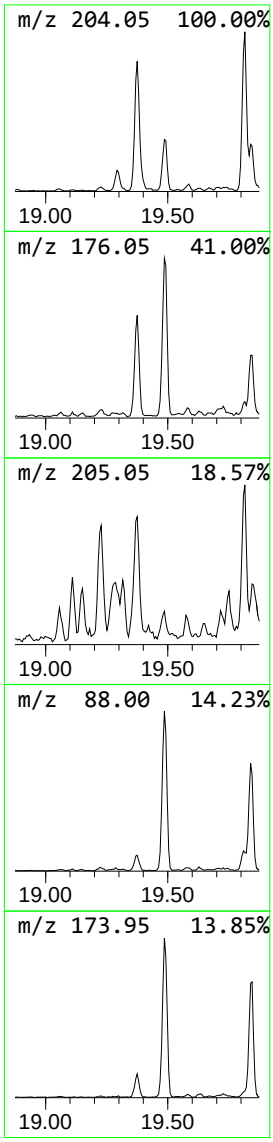
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	4.06 ng/ul	443007	Phenanthrene-d10	17.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

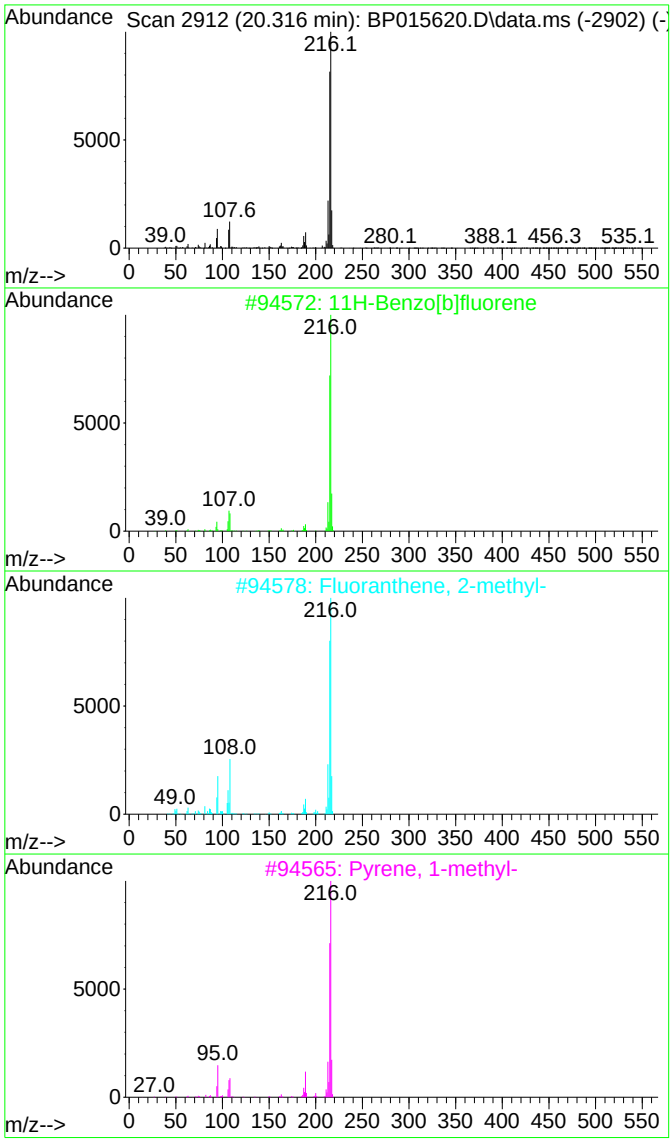
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

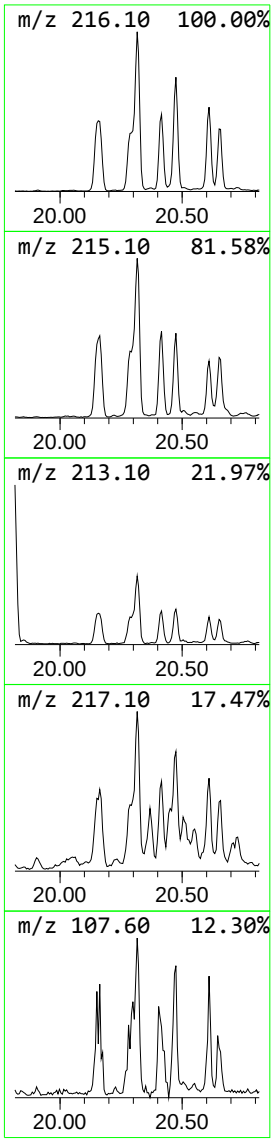
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.316	3.50 ng/ul	1228330	Chrysene-d12	21.574

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	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

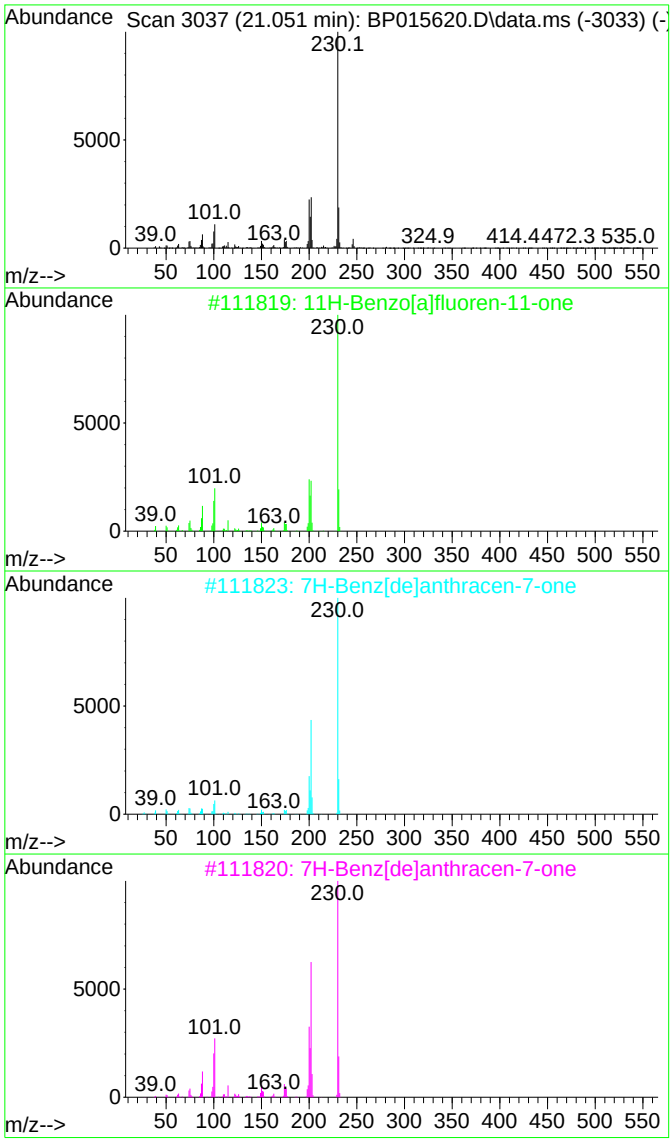
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

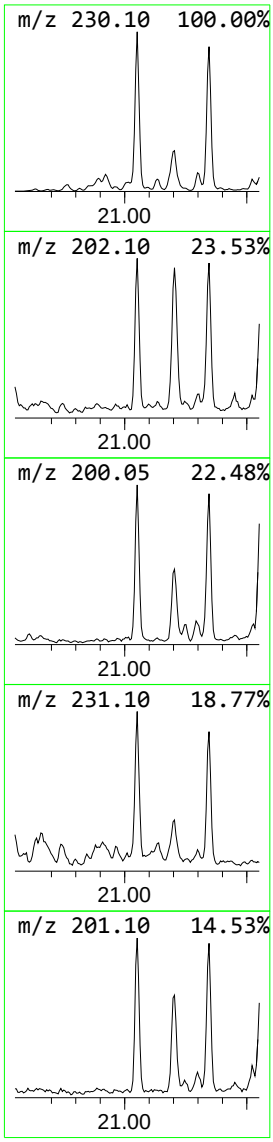
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.48 ng/ul	870741	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

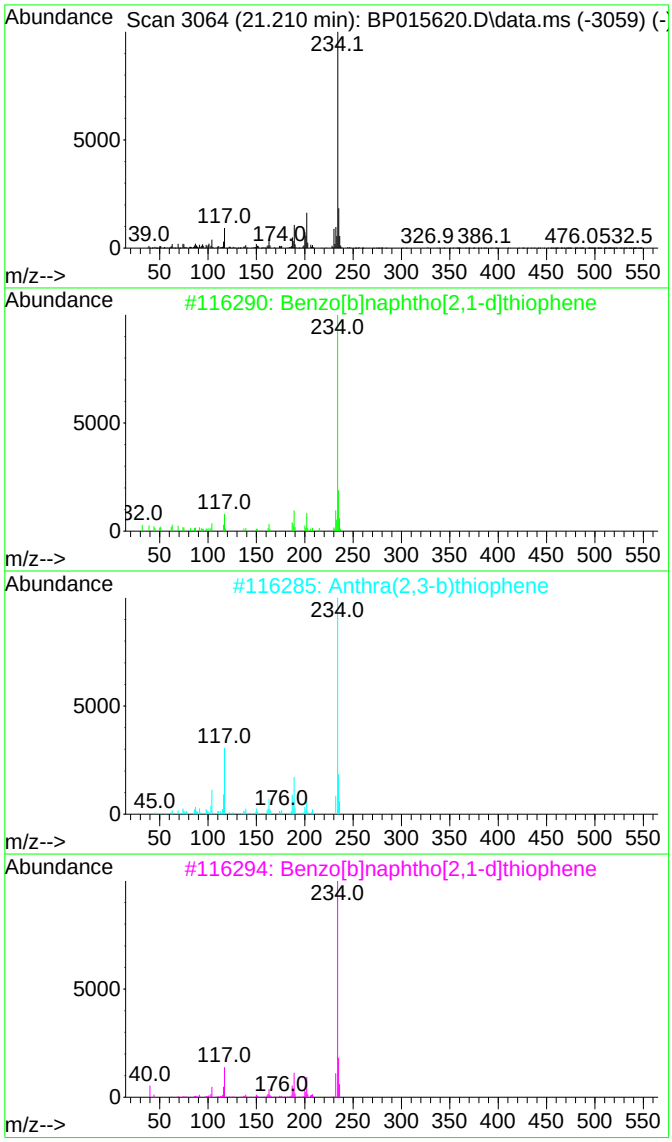
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

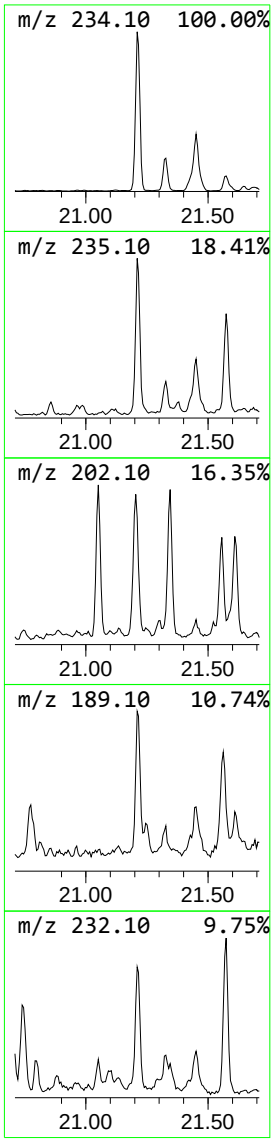
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	2.84 ng/ul	997230	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91





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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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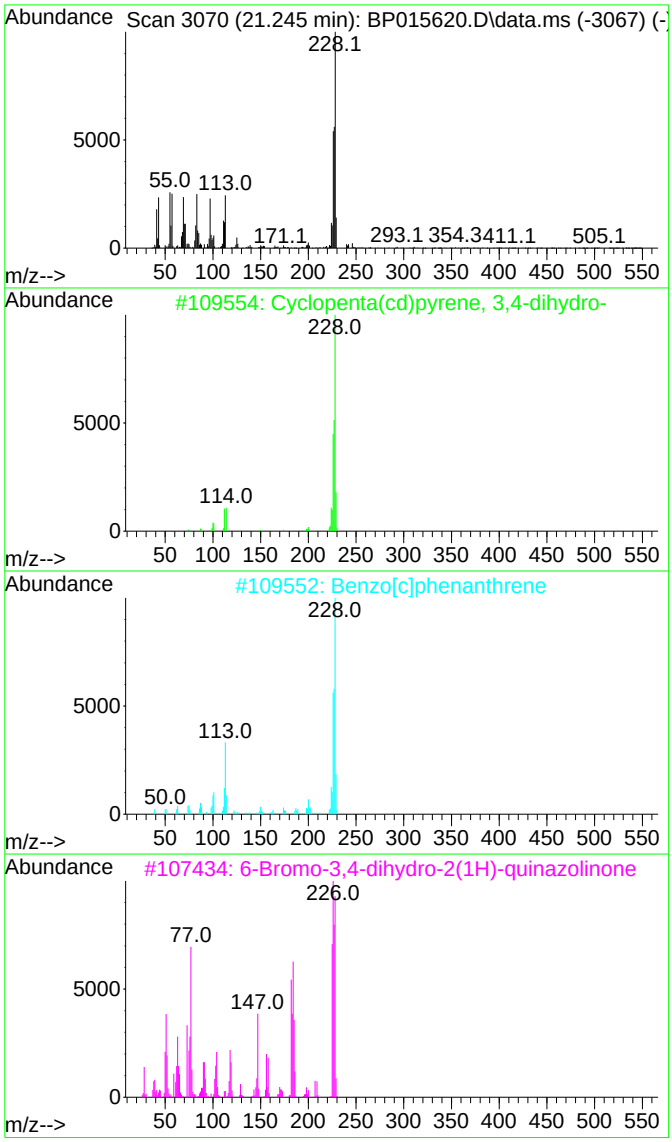
Quant Title : SVOA CALIBRATION

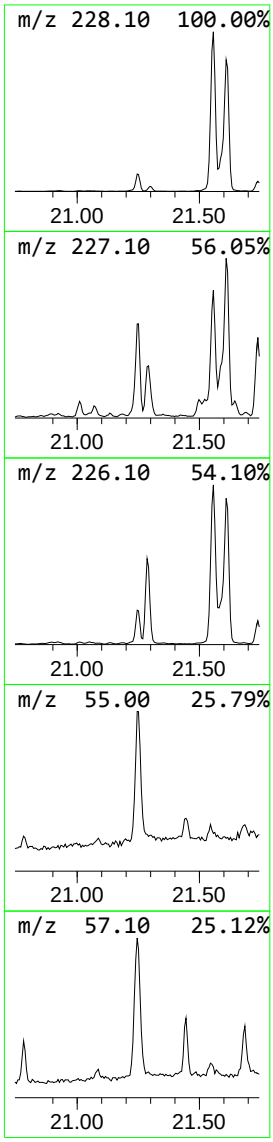
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.97 ng/ul	1043700	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	47
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38
5	Benz[a]anthracene	228	C18H12	000056-55-3	38





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Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

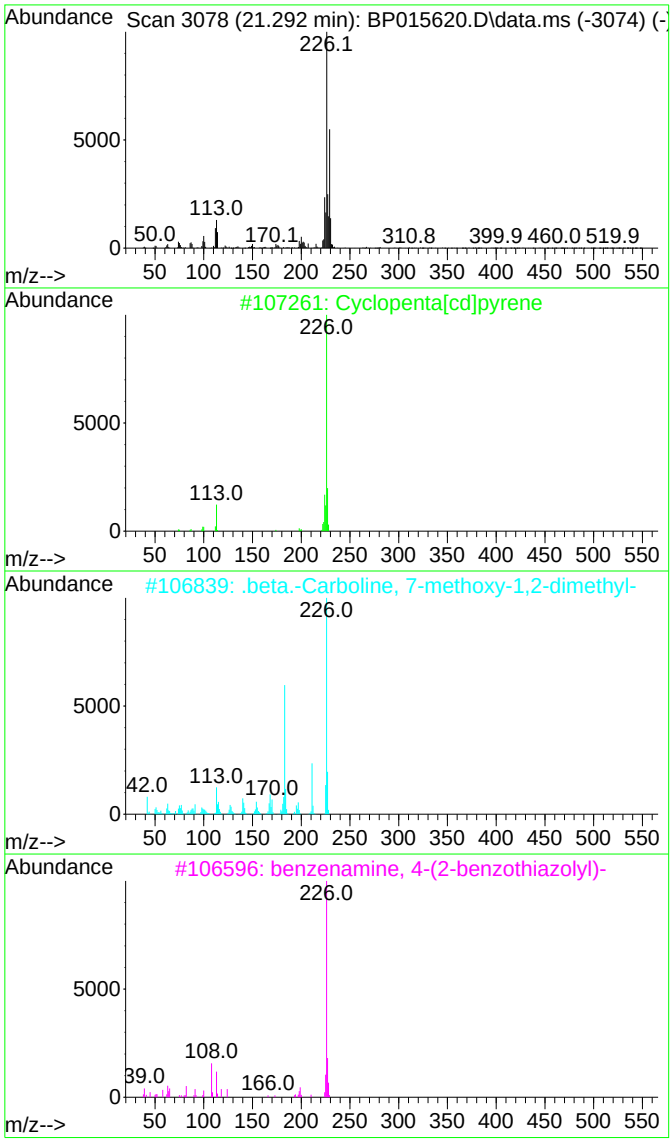
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

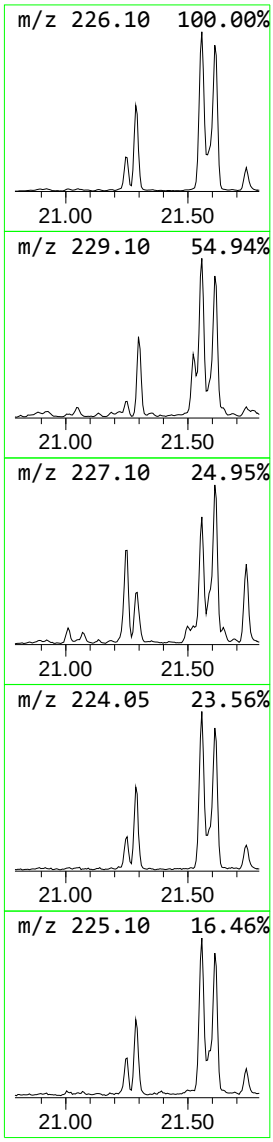
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	2.10 ng/ul	736424	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

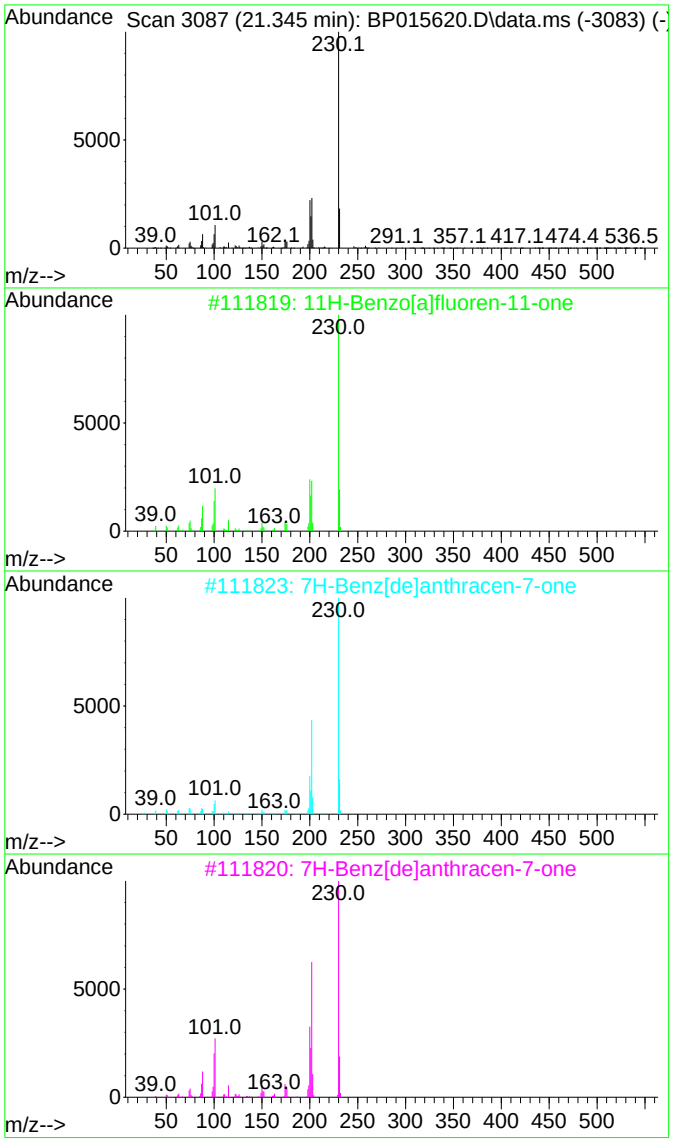
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

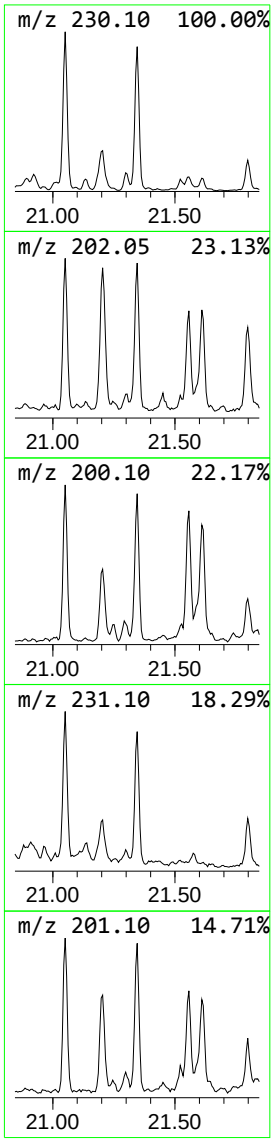
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	2.27 ng/ul	796689	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

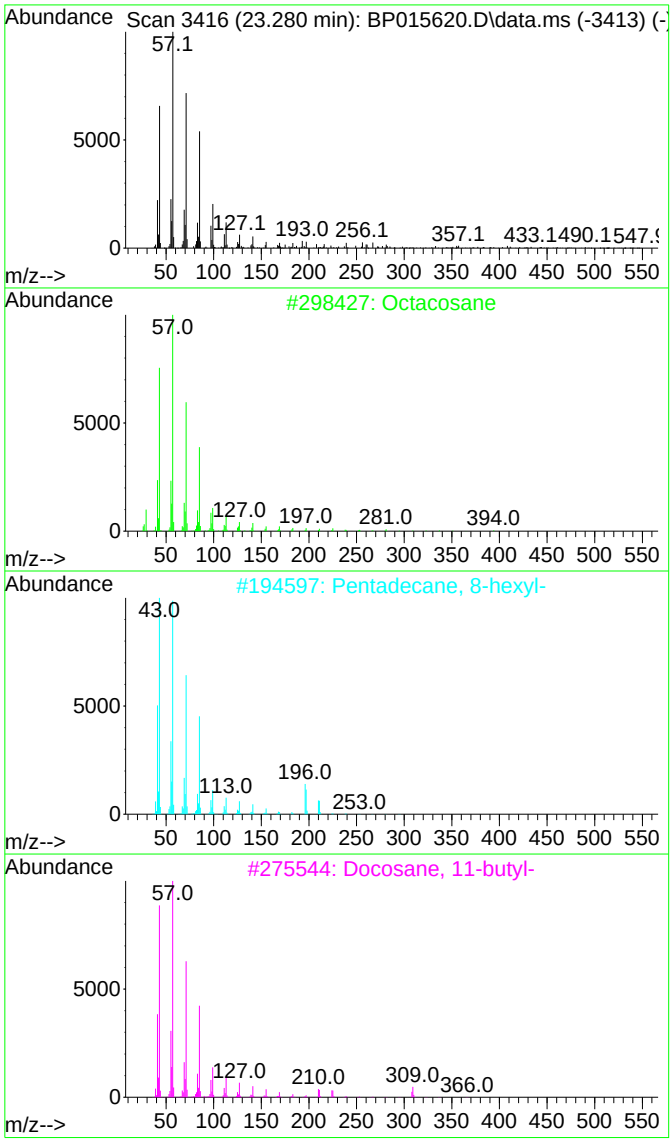
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

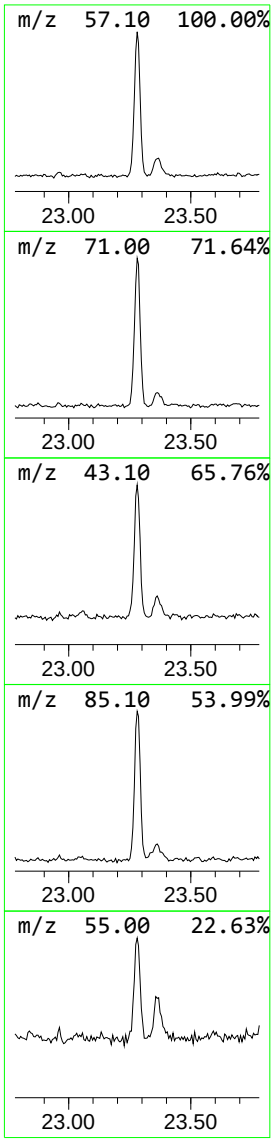
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	3.39 ng/ul	323008	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

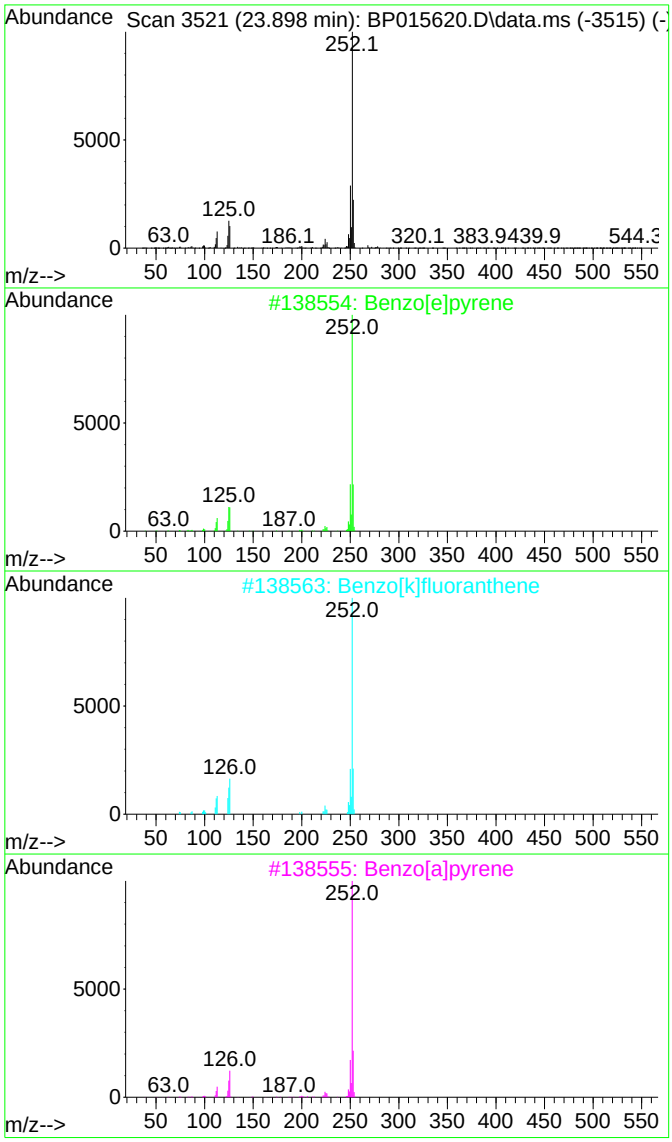
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

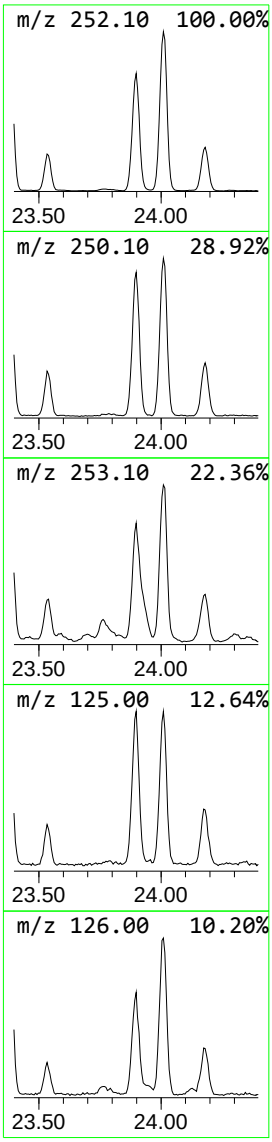
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.898	19.58 ng/ul	1867720	Perylene-d12	24.121

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015620.D
Acq On : 20 Jun 2023 14:13
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2H-Pyran, tetra...	3.952	3.8	ng/ul	146733	1	8.087	774364	20.0
Aceto phenone	8.922	2.1	ng/ul	81081	1	8.087	774364	20.0
Benzophenone	16.086	2.7	ng/ul	220654	3	14.728	1638340	20.0
Carba zole	17.892	2.4	ng/ul	263046	4	17.486	2182230	20.0
Phenanthrene, 2...	18.345	10.0	ng/ul	1093810	4	17.486	2182230	20.0
Anthracene, 2-m...	18.392	5.2	ng/ul	570871	4	17.486	2182230	20.0
4H-Cyclopenta[d...	18.533	7.1	ng/ul	772025	4	17.486	2182230	20.0
Anthracene, 1-m...	18.569	2.3	ng/ul	246507	4	17.486	2182230	20.0
Naphthalene, 2-...	18.822	3.4	ng/ul	367797	4	17.486	2182230	20.0
9,10-Anthracene...	18.875	2.8	ng/ul	302544	4	17.486	2182230	20.0
Phenanthrene, 2...	19.227	3.2	ng/ul	350921	4	17.486	2182230	20.0
Cyclopenta(def)...	19.375	4.1	ng/ul	443007	4	17.486	2182230	20.0
11H-Benzo[b]flu...	20.316	3.5	ng/ul	1228330	5	21.574	7024550	20.0
11H-Benzo[a]flu...	21.051	2.5	ng/ul	870741	5	21.574	7024550	20.0
Benzo[b]naphtho...	21.210	2.8	ng/ul	997230	5	21.574	7024550	20.0
Cyclopenta(cd)p...	21.245	3.0	ng/ul	1043700	5	21.574	7024550	20.0
unknown-01	21.292	2.1	ng/ul	736424	5	21.574	7024550	20.0
7H-Benz[de]anth...	21.345	2.3	ng/ul	796689	5	21.574	7024550	20.0
(DEL) Alkane: S...	23.280	3.4	ng/ul	323008	6	24.121	1908260	20.0
Benzo[e]pyrene	23.898	19.6	ng/ul	1867720	6	24.121	1908260	20.0