LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW8Y2

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_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057240.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.208	111	114	121	rVB2	7079	9841	1.28%	0.106%
2	7.516	670	677	682	rBV	32498	61953	8.09%	0.668%
3	7.680	700	705	711	rVB2	22467	38036	4.96%	0.410%
4	7.903	736	743	750	rBV2	27692	48526	6.33%	0.524%
5	8.379	818	824	831	rVB	45489	77874	10.16%	0.840%
6	9.078	936	943	949	rBV	32667	54478	7.11%	0.588%
7	9.207	959	965	971	rBV	17493	29716	3.88%	0.321%
8	9.554	1017	1024	1029	rBV	31135	58041	7.58%	0.626%
9	10.282	1141	1148	1154	rBV2	26207	46899	6.12%	0.506%
10	10.376	1158	1164	1170	rBV2	9698	18432	2.41%	0.199%
11	10.829	1234	1241	1249	rVB2	39407	67294	8.78%	0.726%
12	11.140	1290	1294	1299	rBV2	5833	8873	1.16%	0.096%
13	11.217	1299	1307	1313	rVV	66933	118961	15.53%	1.283%
14	11.340	1321	1328	1339	rBV4	19754	38821	5.07%	0.419%
15	12.568	1530	1537	1542	rBV3	7381	12054	1.57%	0.130%
16	12.844	1578	1584	1592	rVB	5105	8292	1.08%	0.089%
17	13.061	1614	1621	1626	rVB2	5014	8298	1.08%	0.090%
18	13.349	1665	1670	1676	rBV2	17239	26493	3.46%	0.286%
19	13.496	1691	1695	1703	rVB5	4050	8493	1.11%	0.092%
20	13.778	1739	1743	1747	rBV2	8967	12825	1.67%	0.138%
21	14.330	1826	1837	1840	rBV3	39033	63463	8.28%	0.685%
22	14.371	1840	1844	1850	rVV	88837	130645	17.05%	1.409%
23	14.424	1850	1853	1859	rVB2	5641	7629	1.00%	0.082%
24	14.688	1892	1898	1908	rBV	93773	149535	19.52%	1.613%
25	14.835	1918	1923	1929	rVB2	9304	13257	1.73%	0.143%
26	14.988	1943	1949	1955	rVV2	121834	187168	24.43%	2.019%
27	15.052	1955	1960	1966	rVB2	13977	24351	3.18%	0.263%
28	15.176	1976	1981	1990	rBV2	24009	44117	5.76%	0.476%
29	15.381	2010	2016	2022	rVB3	14280	23029	3.01%	0.248%
30	15.446	2022	2027	2031	rBV4	5349	7887	1.03%	0.085%
31	15.740	2073	2077	2079	rBV2	5863	7038	0.92%	0.076%
32	15.781	2080	2084	2089	rVB2	8833	13423	1.75%	0.145%
33	15.975	2111	2117	2122	rVV	127005	194691	25.41%	2.100%
34	16.028	2122	2126	2132	rVV	28698	45085	5.88%	0.486%
35	16.086	2132	2136	2142	rVV	33520	49906	6.51%	0.538%
36	16.186	2145	2153	2158	rVV4	9340	17690	2.31%	0.191%

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Instrument :
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ClientSampleId :
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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
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

37	16.321	2172	2176	2181	rVB2	22788	34064	4.45%	0.368%
38	16.421	2186	2193	2196	rBV5	4247	7381	0.96%	0.080%
39	16.462	2196	2200	2207	rVB2	9046	15416	2.01%	0.166%
40	16.639	2226	2230	2231	rBV	10433	11627	1.52%	0.125%
41	16.662	2231	2234	2238	rVB3	18371	24645	3.22%	0.266%
42	17.026	2293	2296	2301	rVV5	8877	13230	1.73%	0.143%
43	17.291	2338	2341	2348	rVV6	5543	8151	1.06%	0.088%
44	17.379	2351	2356	2361	rVB3	16480	24005	3.13%	0.259%
45	17.432	2361	2365	2369	rBV5	9123	17188	2.24%	0.185%
46	17.479	2370	2373	2379	rVB4	13390	21314	2.78%	0.230%
47	17.549	2379	2385	2390	rBV	14195	23296	3.04%	0.251%
48	17.725	2409	2415	2419	rVV	156422	254448	33.21%	2.745%
49	17.772	2419	2423	2428	rVV	329244	488687	63.79%	5.272%
50	17.825	2428	2432	2436	rVV	147527	229402	29.94%	2.475%
51	17.860	2436	2438	2445	rVB	64005	78184	10.21%	0.844%
52	18.119	2476	2482	2487	rVV2	27037	50208	6.55%	0.542%
53	18.166	2487	2490	2498	rVB6	10136	17990	2.35%	0.194%
54	18.231	2498	2501	2505	rBV	8014	10926	1.43%	0.118%
55	18.307	2510	2514	2521	rVB5	11255	20484	2.67%	0.221%
56	18.518	2546	2550	2554	rBV4	4405	7636	1.00%	0.082%
57	18.595	2555	2563	2567	rBV	55369	96916	12.65%	1.046%
58	18.642	2567	2571	2577	rVB	73543	104805	13.68%	1.131%
59	18.724	2579	2585	2589	rBV	21827	33089	4.32%	0.357%
60	18.794	2589	2597	2600	rBV3	67725	140709	18.37%	1.518%
61	18.930	2616	2620	2624	rBV5	6503	9330	1.22%	0.101%
62	19.024	2633	2636	2640	rBV6	4598	7029	0.92%	0.076%
63	19.076	2641	2645	2649	rBV	39402	53953	7.04%	0.582%
64	19.129	2649	2654	2658	rBV	26008	36020	4.70%	0.389%
65	19.317	2684	2686	2690	rVB4	12440	14802	1.93%	0.160%
66	19.370	2691	2695	2699	rBV2	11290	14756	1.93%	0.159%
67	19.411	2699	2702	2709	rVB3	9742	14155	1.85%	0.153%
68	19.488	2709	2715	2720	rBV2	28147	55030	7.18%	0.594%
69	19.640	2735	2741	2752	rVB3	33374	74002	9.66%	0.798%
70	19.758	2755	2761	2767	rVB	540933	766104	100.00%	8.265%
71	19.805	2767	2769	2773	rBV4	6975	8990	1.17%	0.097%
72	19.946	2789	2793	2796	rBV5	9187	13291	1.73%	0.143%
73	20.087	2811	2817	2820	rBV3	250534	447617	58.43%	4.829%
74	20.122	2820	2823	2829	rVV	462952	607304	79.27%	6.552%
75	20.181	2829	2833	2837	rVB	30927	41831	5.46%	0.451%
76	20.287	2847	2851	2856	rVB	34050	45257	5.91%	0.488%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	20.357	2856	2863	2867	rVB2	20128	37870	4.94%	0.409%
78	20.428	2869	2875	2882	rBV4	42535	102305	13.35%	1.104%
79	20.563	2893	2898	2900	rBV5	29509	50094	6.54%	0.540%
80	20.598	2901	2904	2911	rVB	81563	108018	14.10%	1.165%
81	20.698	2917	2921	2924	rBV	44899	58431	7.63%	0.630%
82	20.757	2925	2931	2935	rVV2	41866	73595	9.61%	0.794%
83	20.903	2952	2956	2960	rBV	32987	48881	6.38%	0.527%
84	20.950	2961	2964	2971	rVB2	33379	56873	7.42%	0.614%
85	21.021	2973	2976	2981	rBV2	23175	31264	4.08%	0.337%
86	21.391	3034	3039	3045	rVB	65828	99864	13.04%	1.077%
87	21.691	3085	3090	3094	rBV2	43168	82217	10.73%	0.887%
88	21.743	3095	3099	3110	rVB	63217	121674	15.88%	1.313%
89	21.855	3116	3118	3119	rBV2	12265	9194	1.20%	0.099%
90	22.020	3140	3146	3153	rBV3	281221	730763	95.39%	7.884%
91	22.084	3154	3157	3170	rVB	211868	374813	48.92%	4.044%
92	22.249	3182	3185	3191	rVB2	27474	45579	5.95%	0.492%
93	22.478	3218	3224	3230	rBV2	37241	74280	9.70%	0.801%
94	23.118	3329	3333	3336	rBV5	18336	32861	4.29%	0.355%
95	23.564	3405	3409	3417	rVB7	39839	82396	10.76%	0.889%
96	24.428	3548	3556	3563	rBV2	131632	455373	59.44%	4.913%
97	25.221	3684	3691	3698	rBV	69736	187543	24.48%	2.023%
98	25.303	3700	3705	3712	rVV2	75069	207617	27.10%	2.240%
99	25.380	3712	3718	3730	rVB	119141	336001	43.86%	3.625%
100	25.550	3740	3747	3755	rVB2	69037	185011	24.15%	1.996%

Sum of corrected areas: 9268903

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Instrument :
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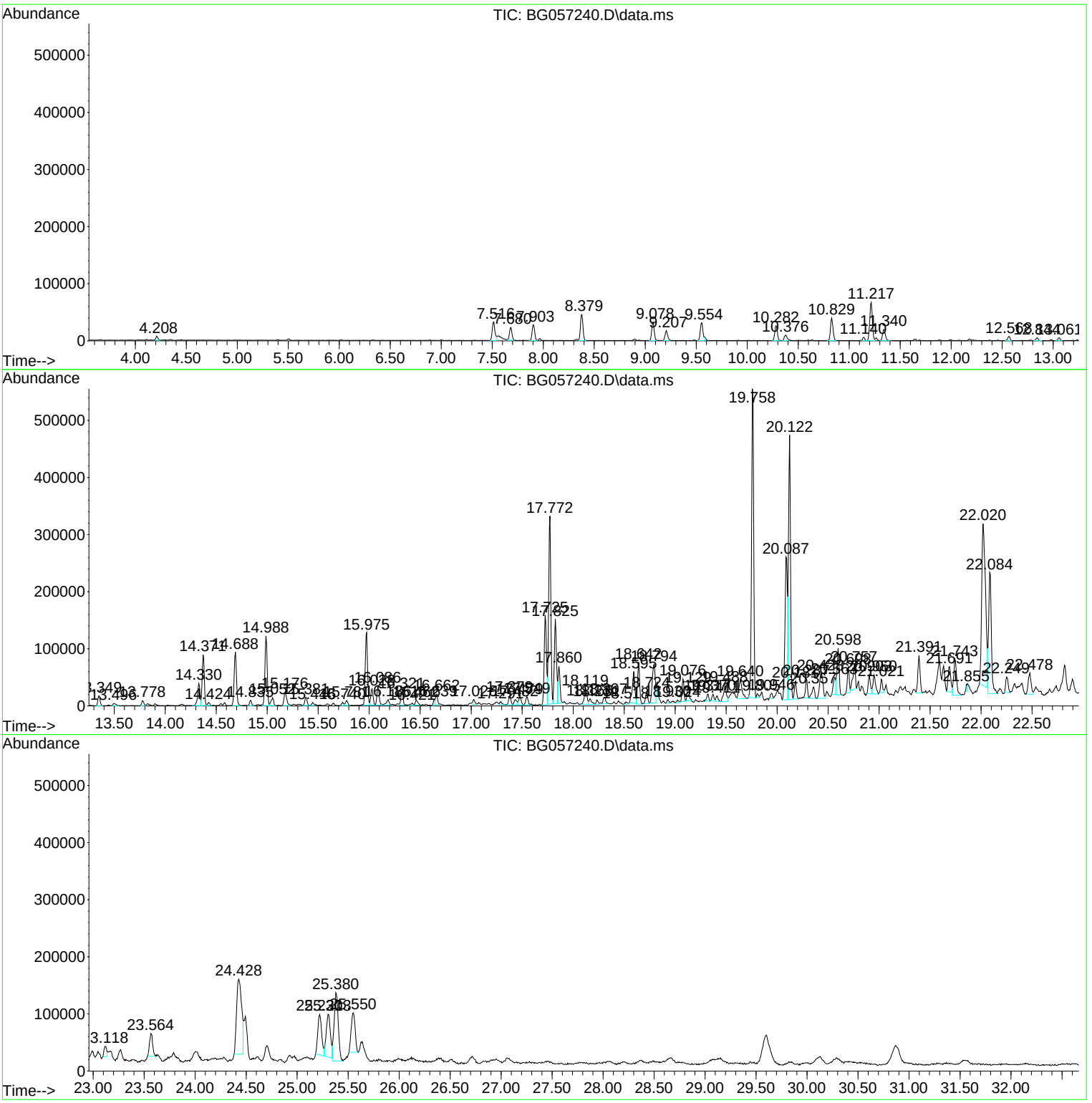
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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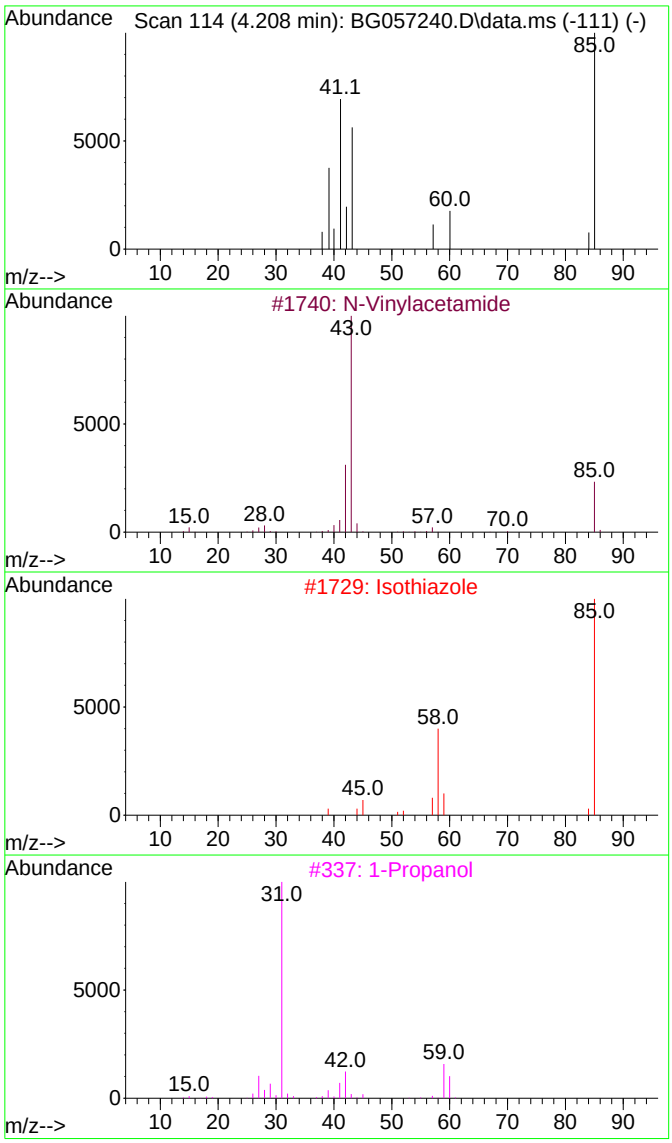
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

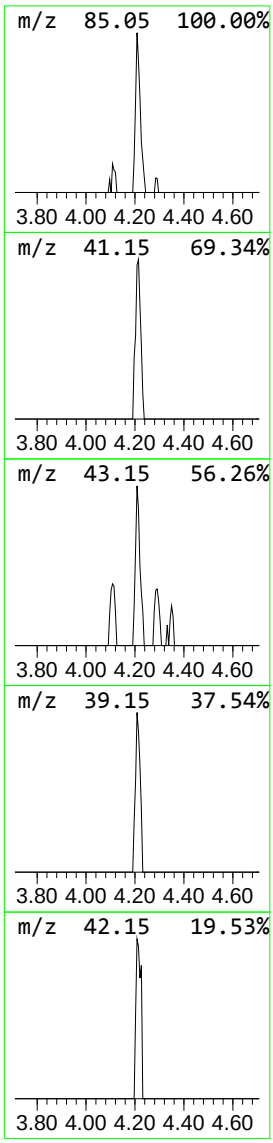
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	2.53 ng/ul	9841	1,4-Dichlorobenzene-d4	8.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Vinylacetamide	85	C4H7NO	005202-78-8	4
2	Isothiazole	85	C3H3NS	000288-16-4	4
3	1-Propanol	60	C3H8O	000071-23-8	3
4	1-Propanol	60	C3H8O	000071-23-8	3
5	1-Propanol	60	C3H8O	000071-23-8	3





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

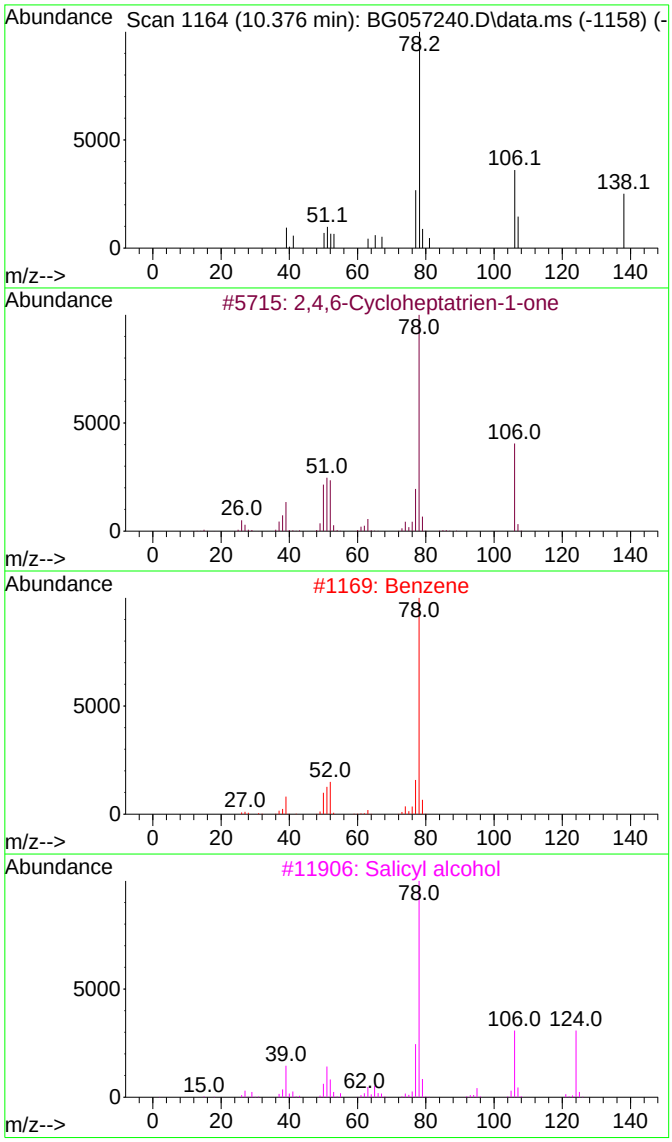
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

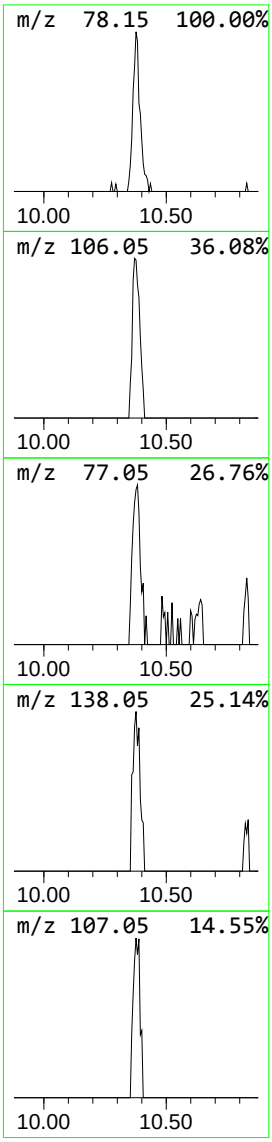
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,6-Cycloheptatrien-1-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.377	3.10 ng/ul	18432	Naphthalene-d8	11.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	78
2	Benzene	78	C6H6	000071-43-2	64
3	Salicyl alcohol	124	C7H8O2	000090-01-7	64
4	Phenol, 2-(aminomethyl)-	123	C7H9NO	000932-30-9	40
5	Benzene	78	C6H6	000071-43-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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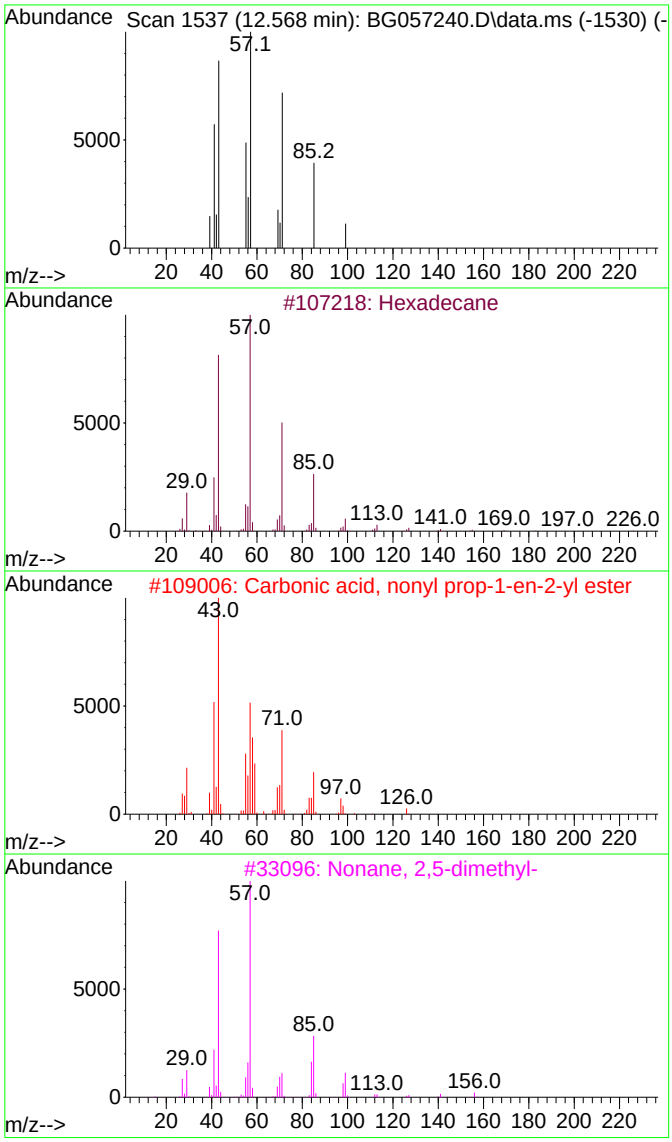
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

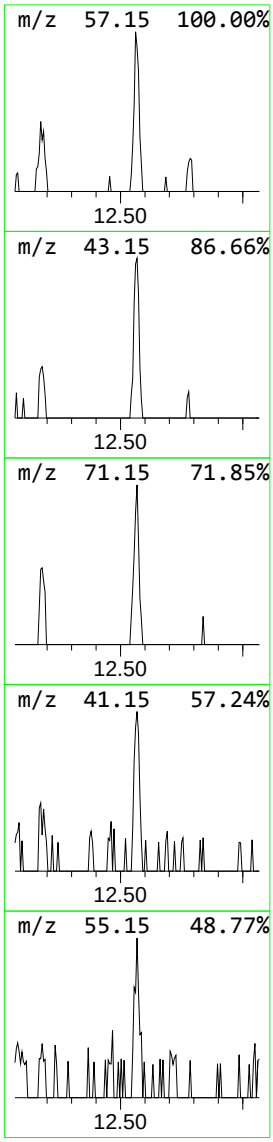
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	2.03 ng/ul	12054	Naphthalene-d8	11.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	64
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	53
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	50
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	40





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

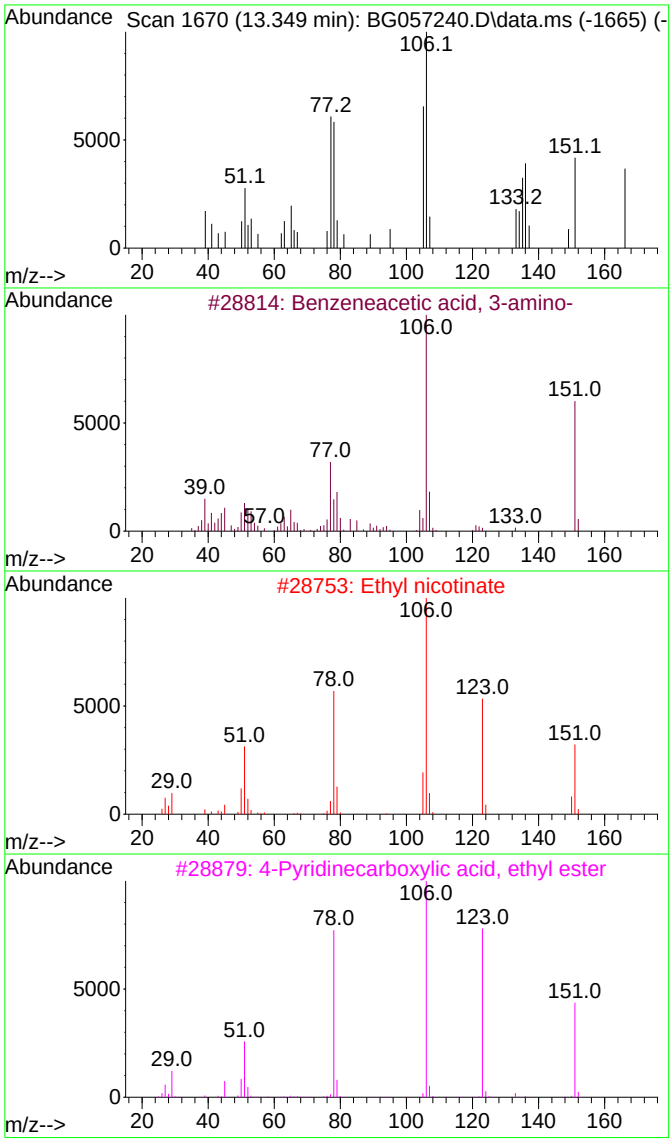
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

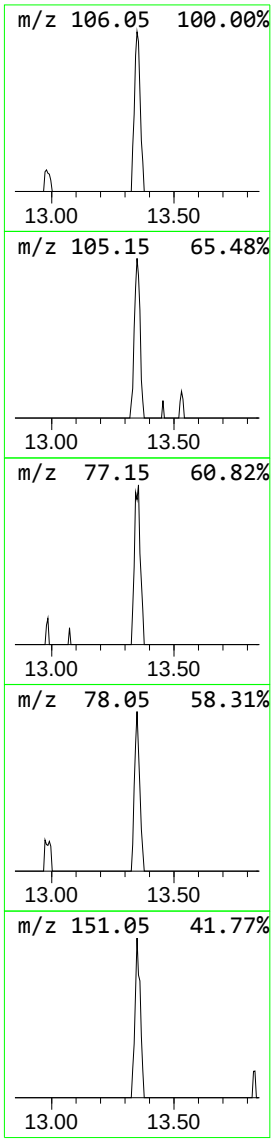
****

Peak Number 4 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.349	2.83 ng/ul	26493	Acenaphthene-d10	14.988

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 3-amino-	151	C8H9NO2	014338-36-4	46
2	Ethyl nicotinate	151	C8H9NO2	000614-18-6	45
3	4-Pyridinecarboxylic acid, ethyl...	151	C8H9NO2	001570-45-2	43
4	3-Pyridinecarboxamide, N-methyl-	136	C7H8N2O	000114-33-0	38
5	4-Pyridinecarboxylic acid, ethyl...	151	C8H9NO2	001570-45-2	38





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Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

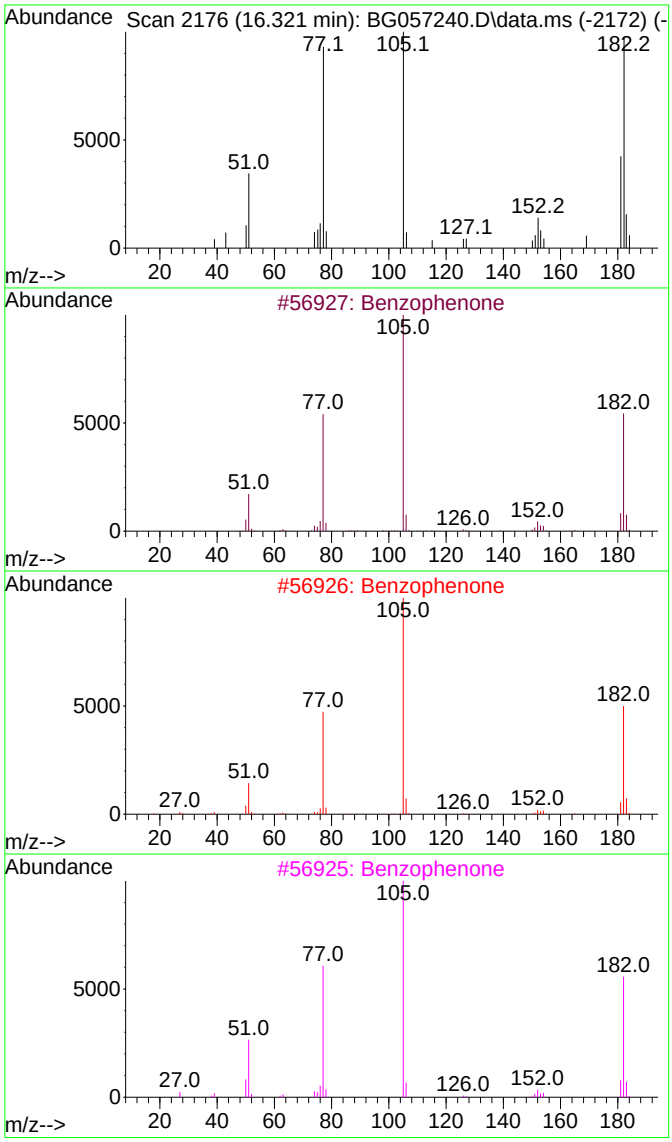
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

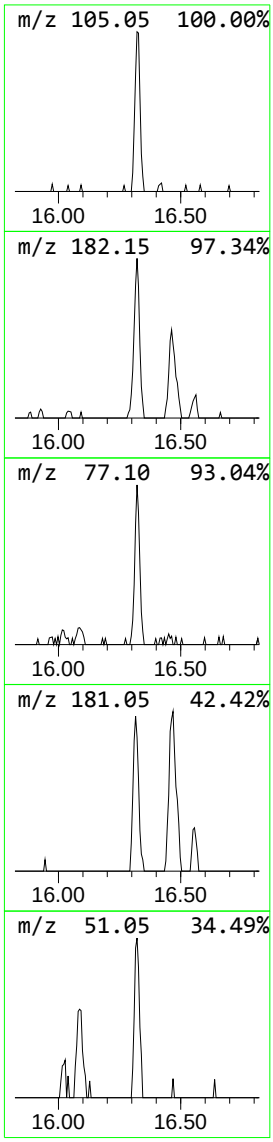
****

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	3.64 ng/ul	34064	Acenaphthene-d10	14.988

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Benzophenone	182	C13H10O	000119-61-9	64
3	Benzophenone	182	C13H10O	000119-61-9	64
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43





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Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

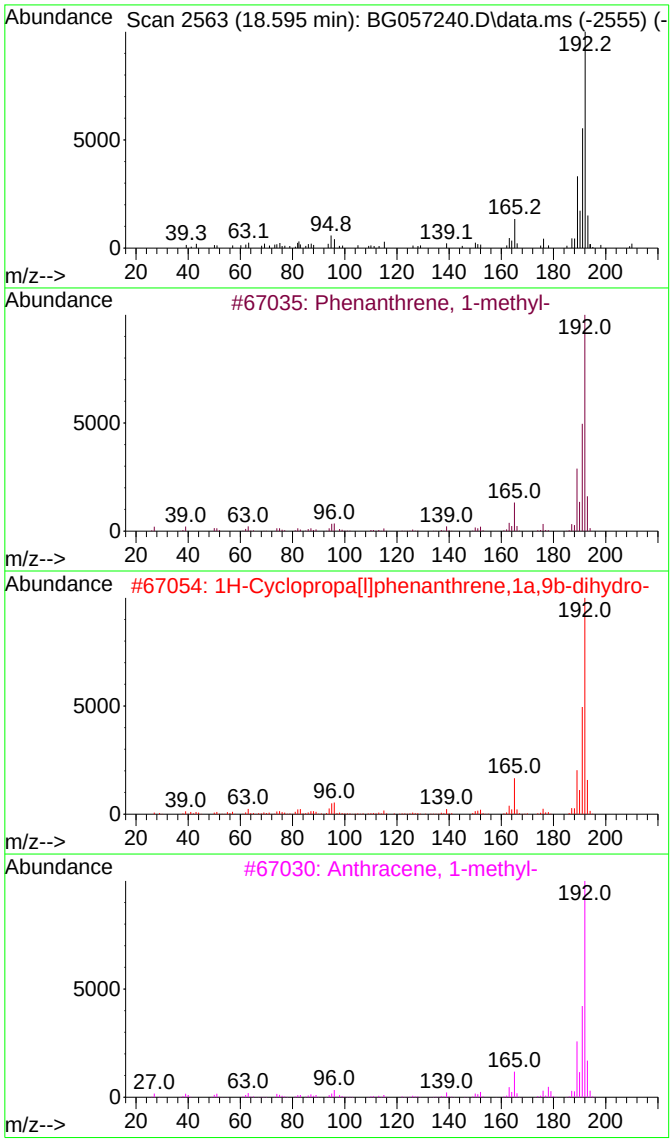
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

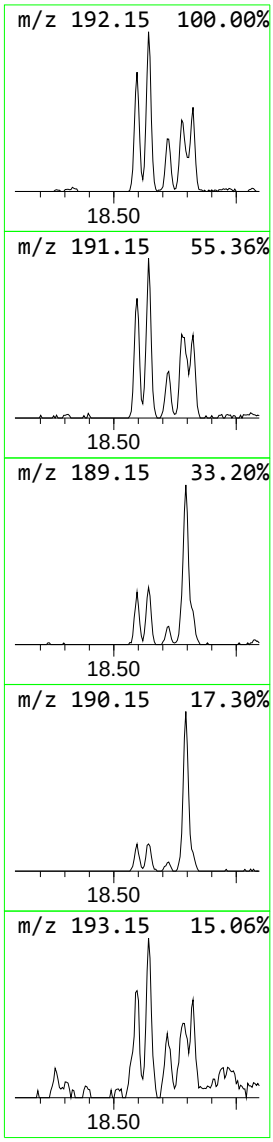
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.595	7.62 ng/ul	96916	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

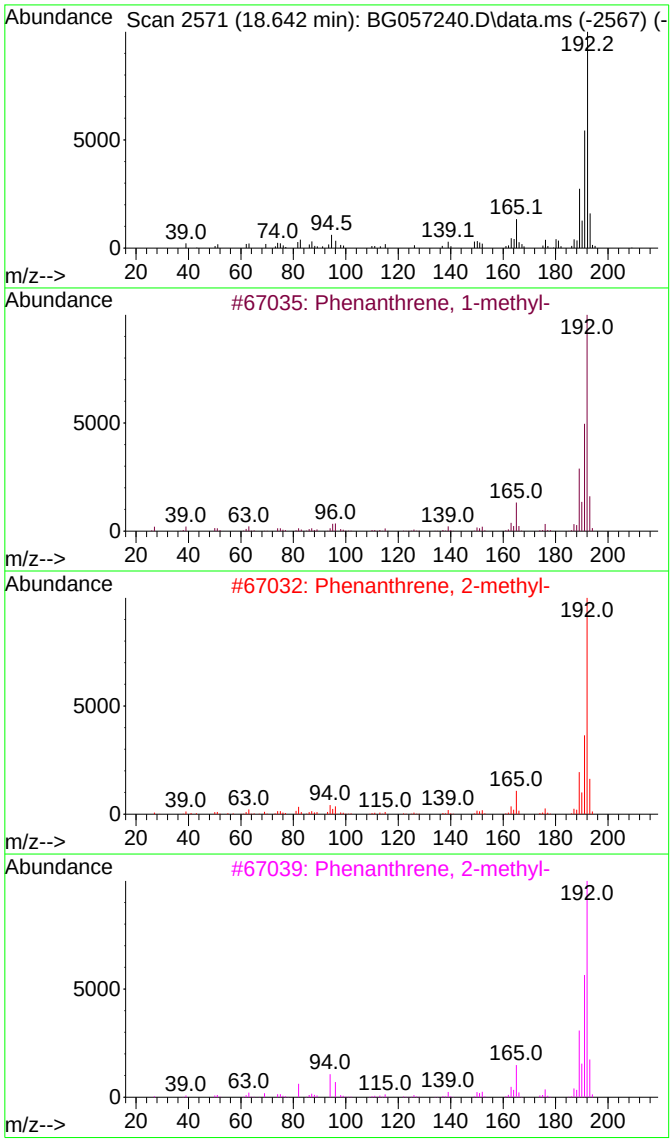
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

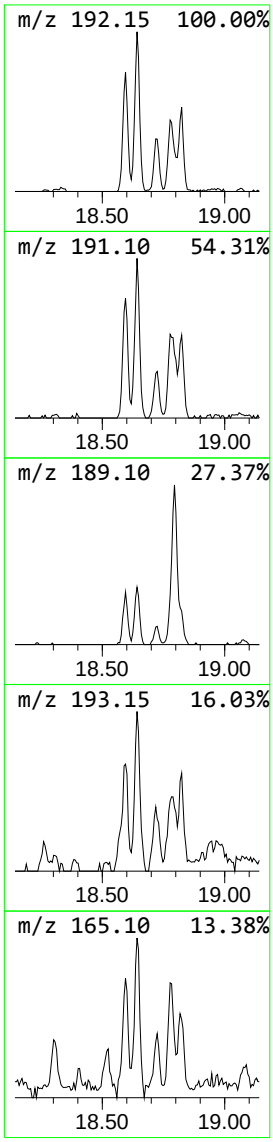
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.642	8.24 ng/ul	104805	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW8Y2

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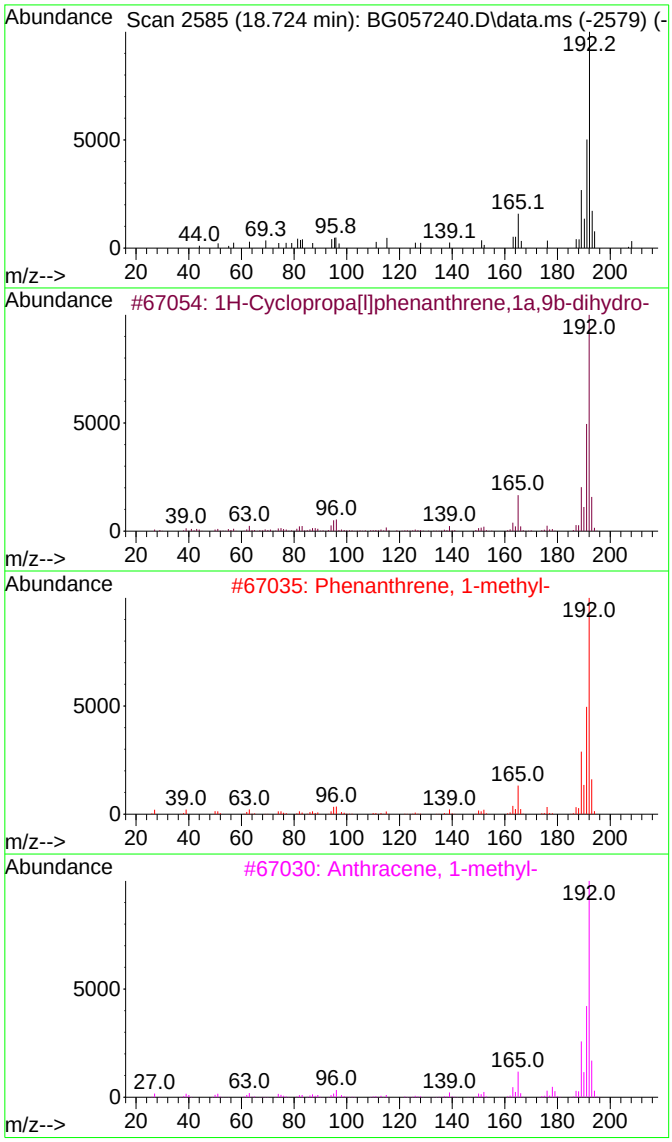
Quant Title : SVOA CALIBRATION

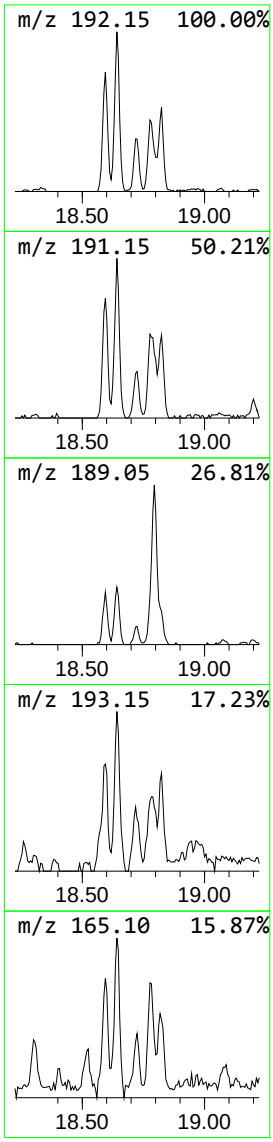
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.724	2.60 ng/ul	33089	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

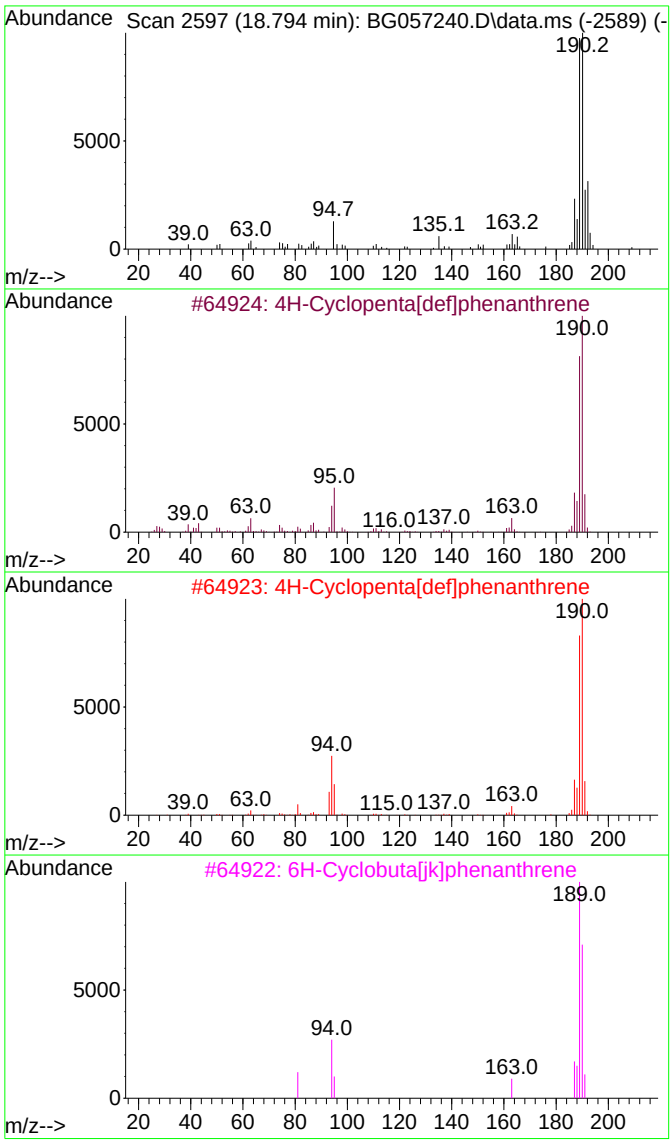
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

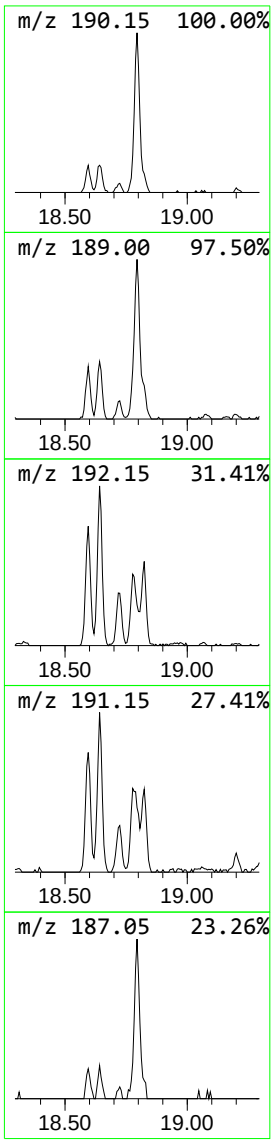
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.794	11.06 ng/ul	140709	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

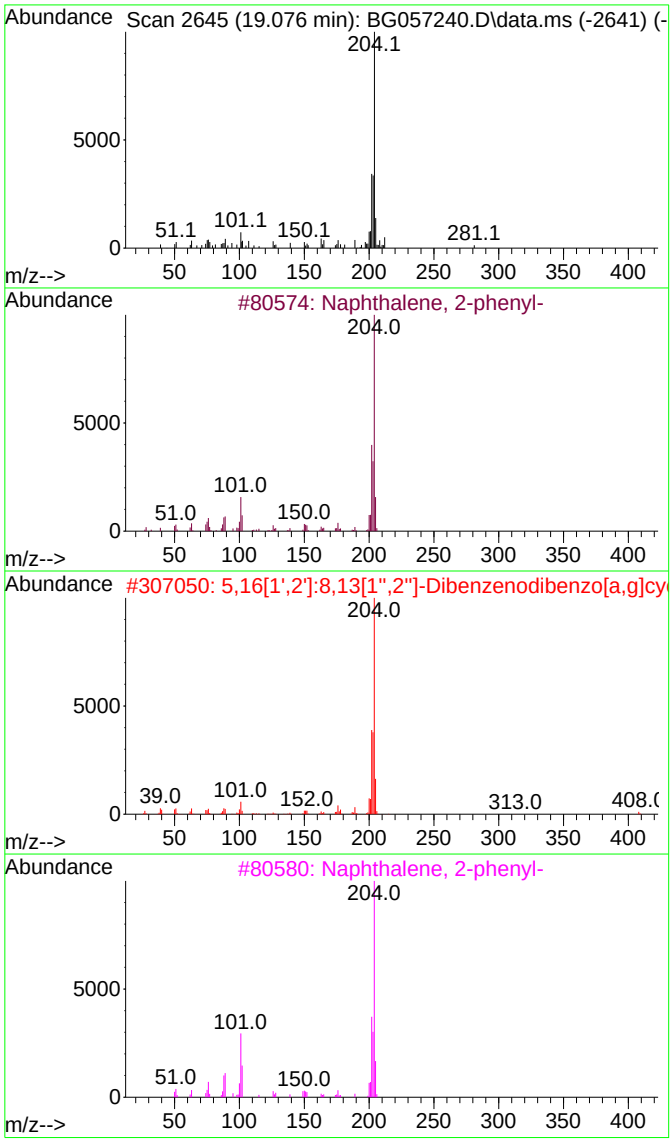
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

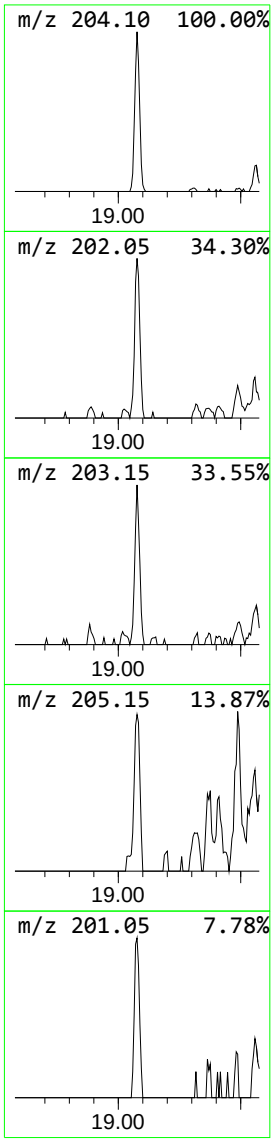
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.076	4.24 ng/ul	53953	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
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	76
4	Benzene, 1-chloro-3-(2-cyano-2-p...	239	C15H10ClN	007379-62-6	72
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : 02417-16
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

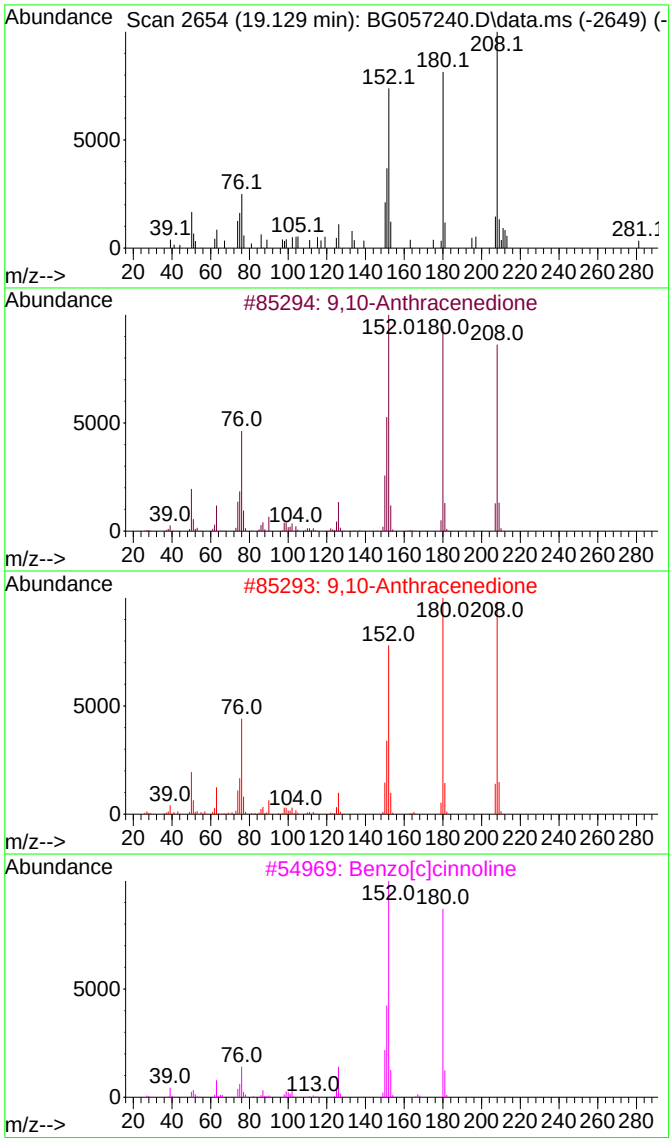
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

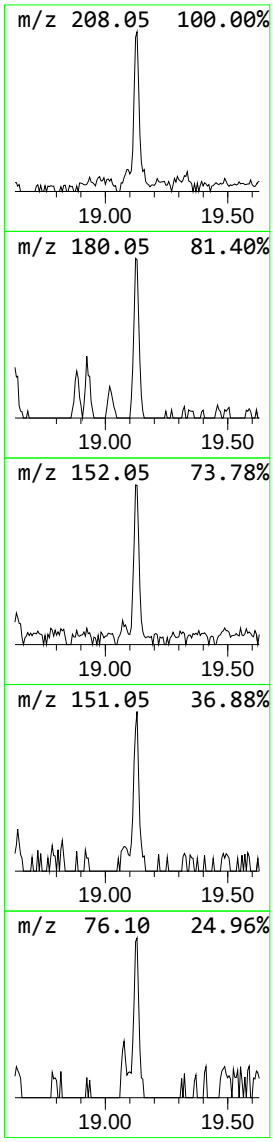
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.129	2.83 ng/ul	36020	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76





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Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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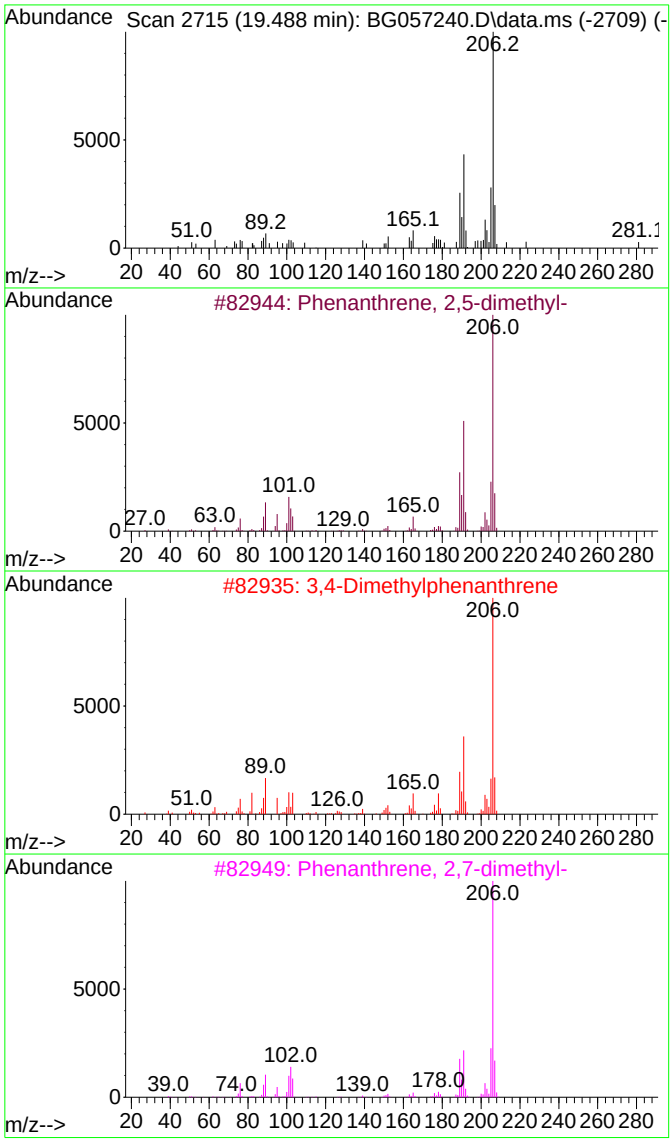
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

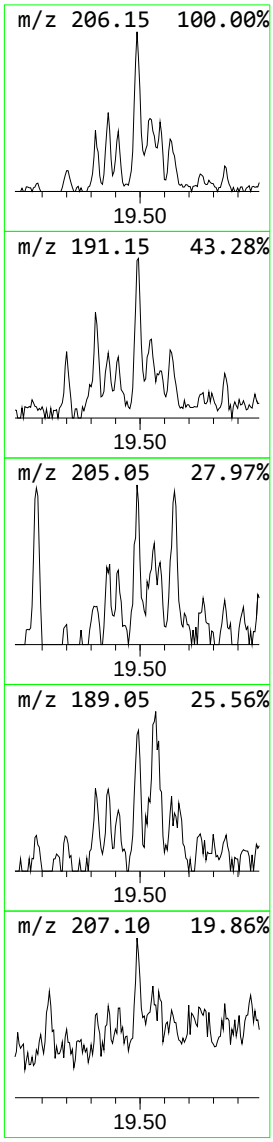
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.488	4.33 ng/ul	55030	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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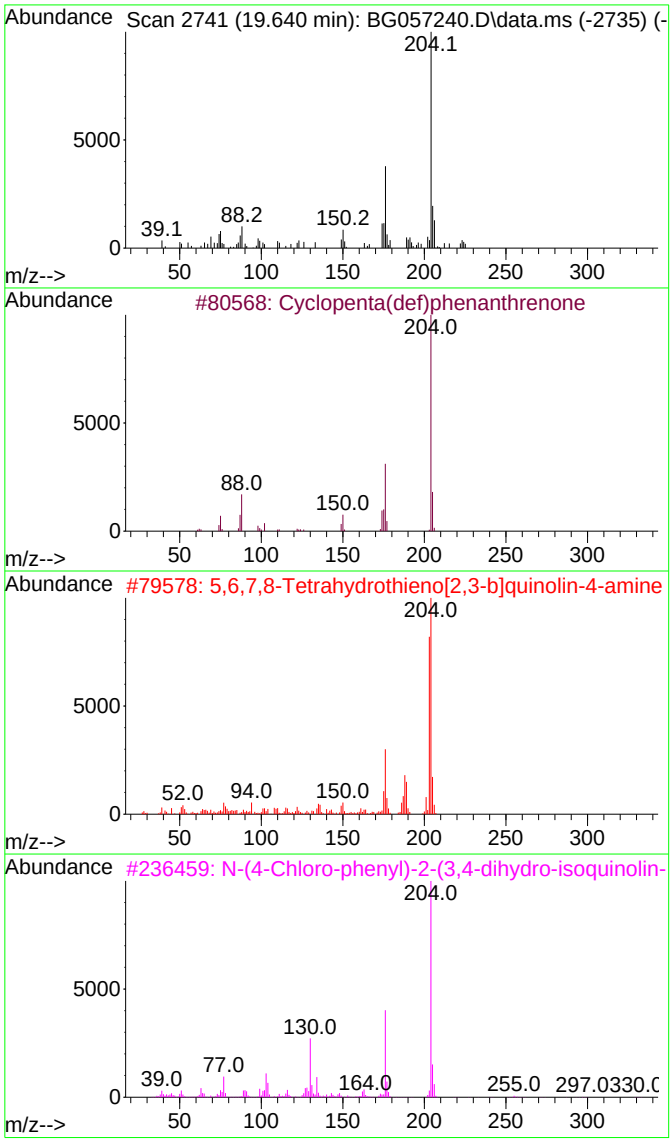
Quant Title : SVOA CALIBRATION

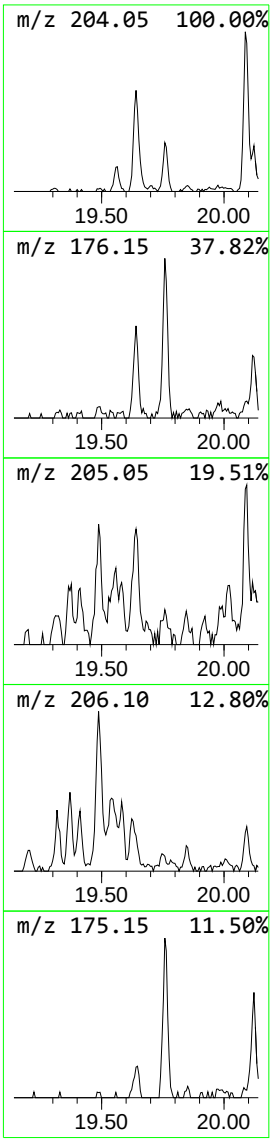
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.640	5.82 ng/ul	74002	Phenanthrene-d10	17.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW8Y2

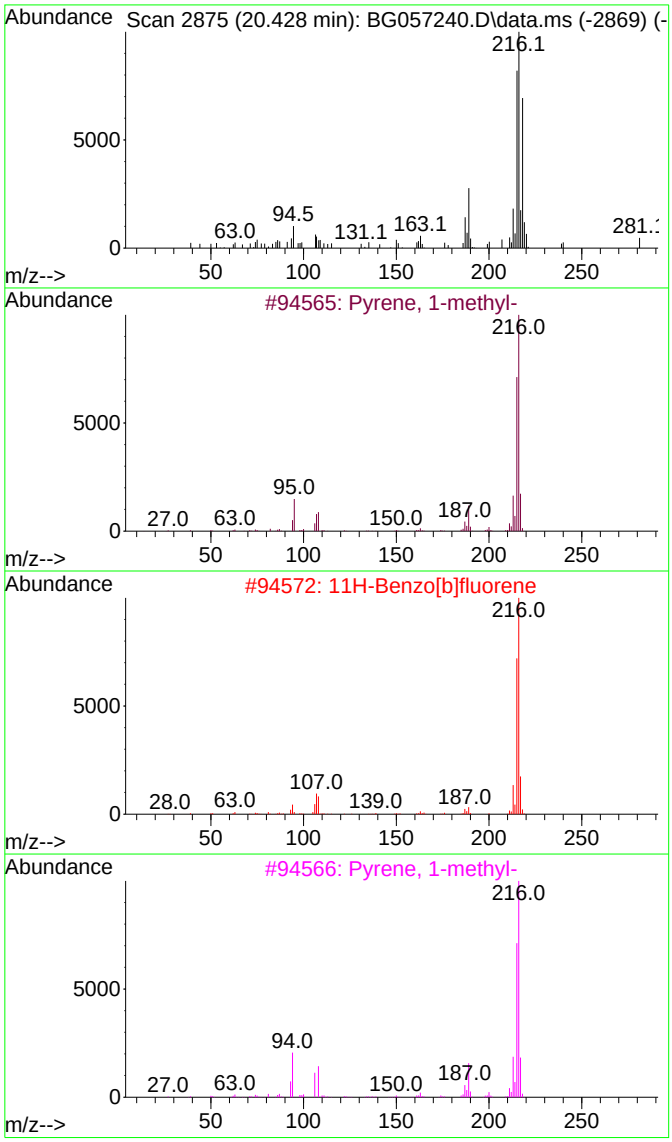
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

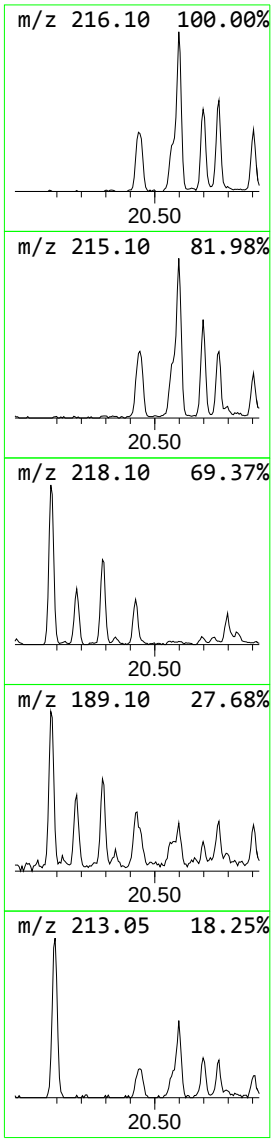
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.428	2.80 ng/ul	102305	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

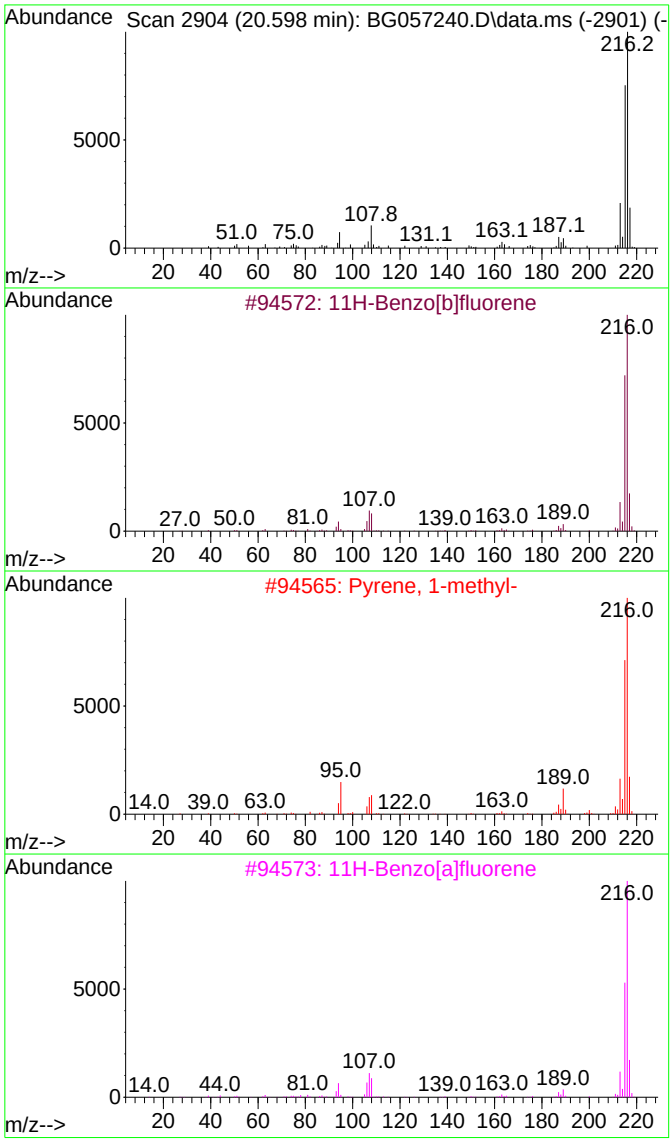
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

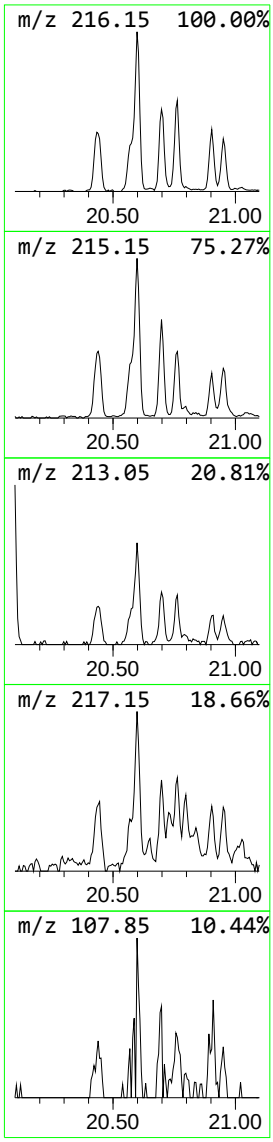
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.598	2.96 ng/ul	108018	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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ClientSampleId :
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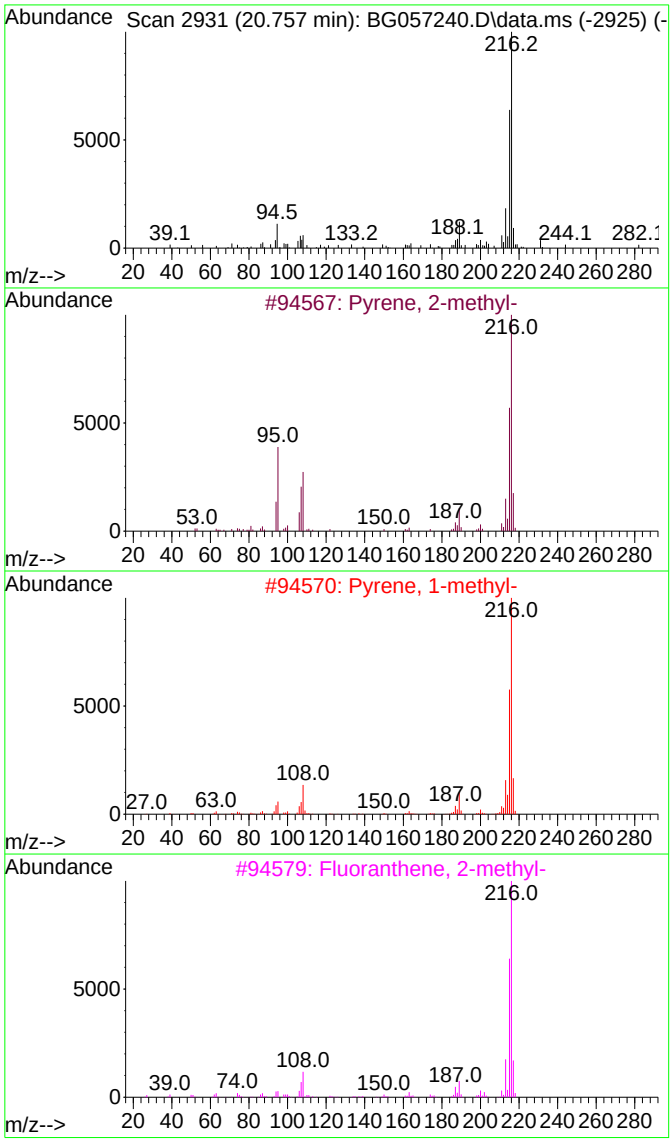
Quant Title : SVOA CALIBRATION

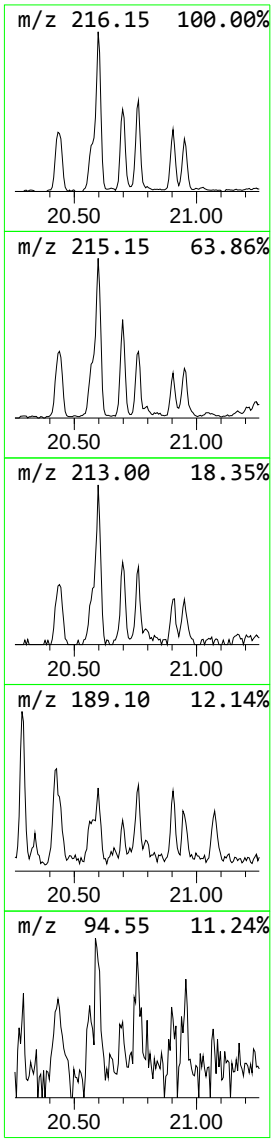
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.756	2.01 ng/ul	73595	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

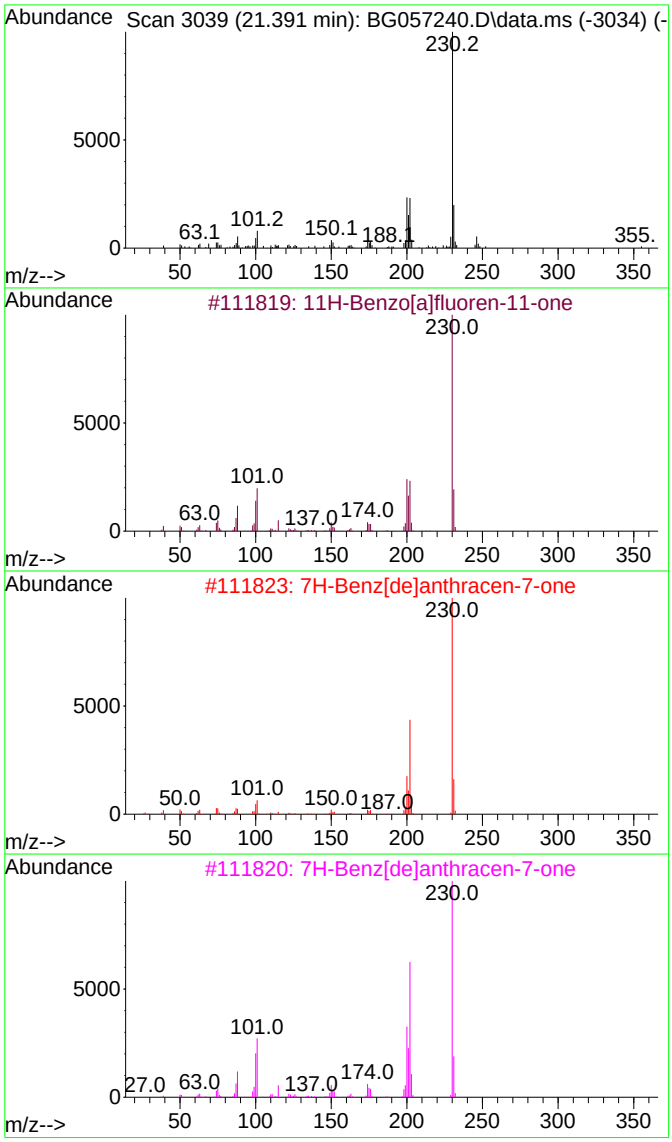
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

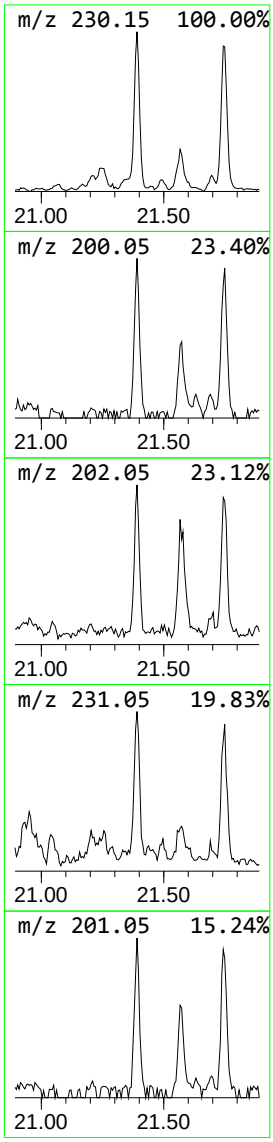
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.391	2.73 ng/ul	99864	Chrysene-d12	22.037

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	87
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

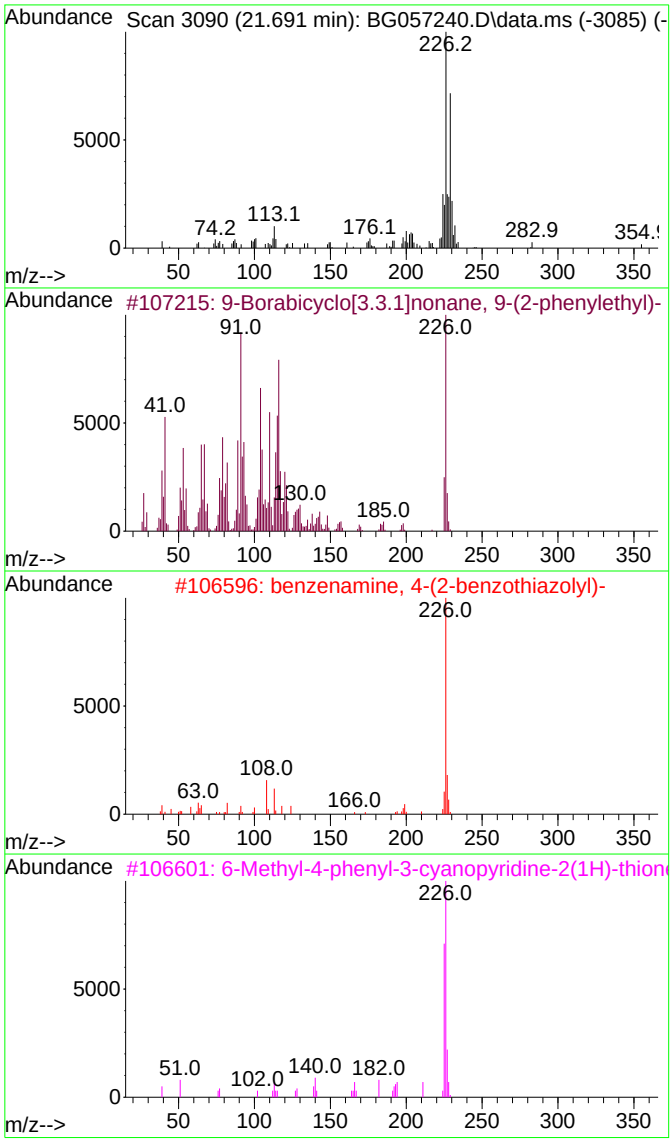
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

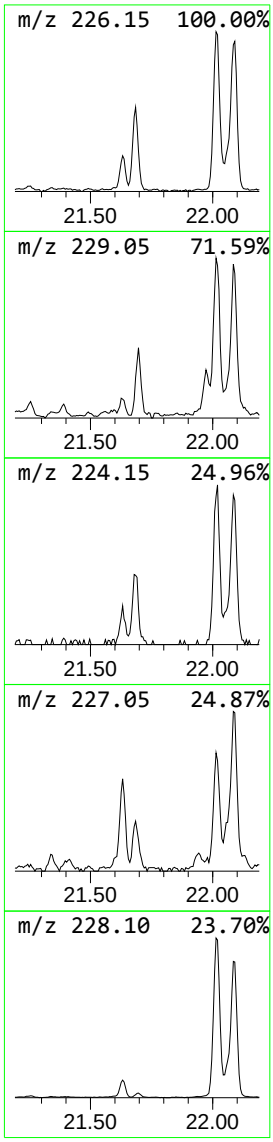
****

Peak Number 18 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.691	2.25 ng/ul	82217	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	38
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	35
3	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	35
4	[1,2,4]triazolo[1,5-a]pyrimidin-...	226	C12H10N4O	1000403-04-9	35
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	35





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Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

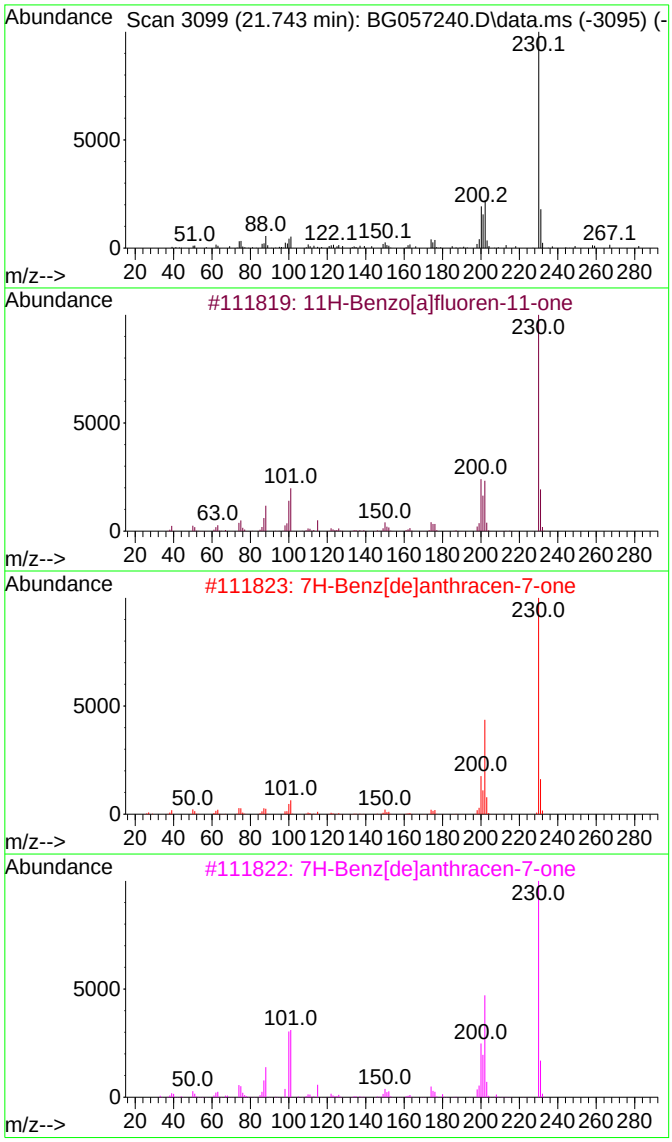
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

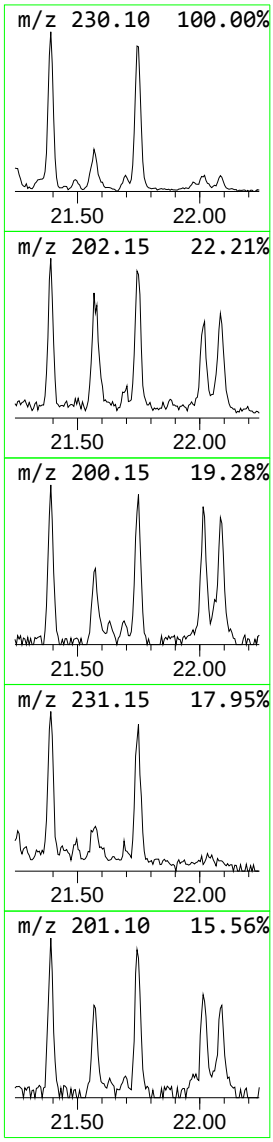
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.743	3.33 ng/ul	121674	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
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	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

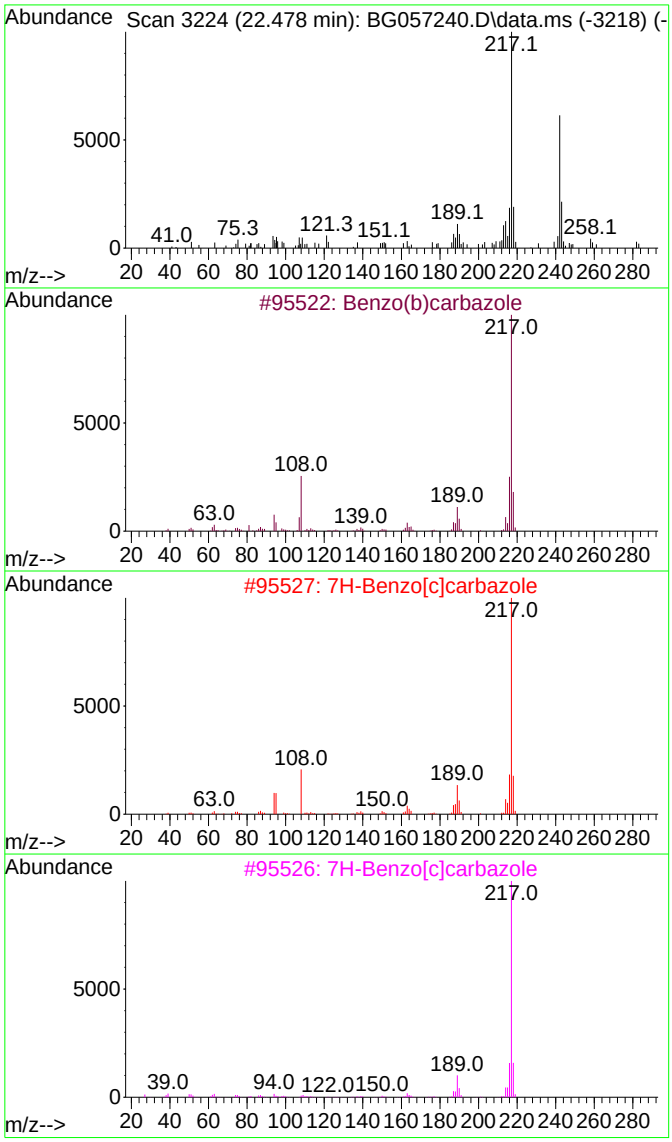
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

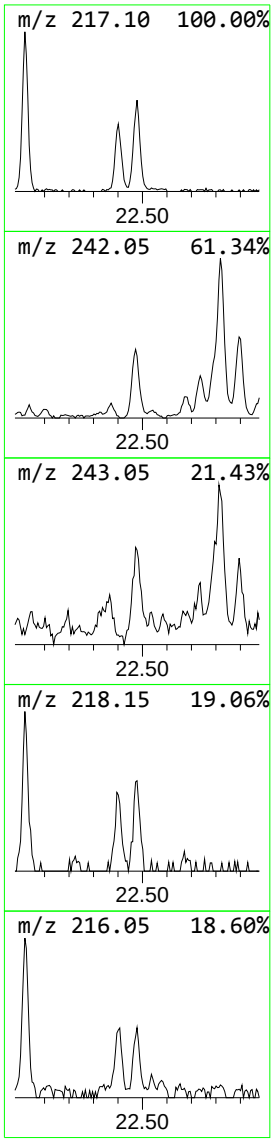
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo(b)carbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.478	2.03 ng/ul	74280	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	60
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	60
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	60
4	1-Aminopyrene	217	C16H11N	001606-67-3	55
5	1-Aminopyrene	217	C16H11N	001606-67-3	55





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Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

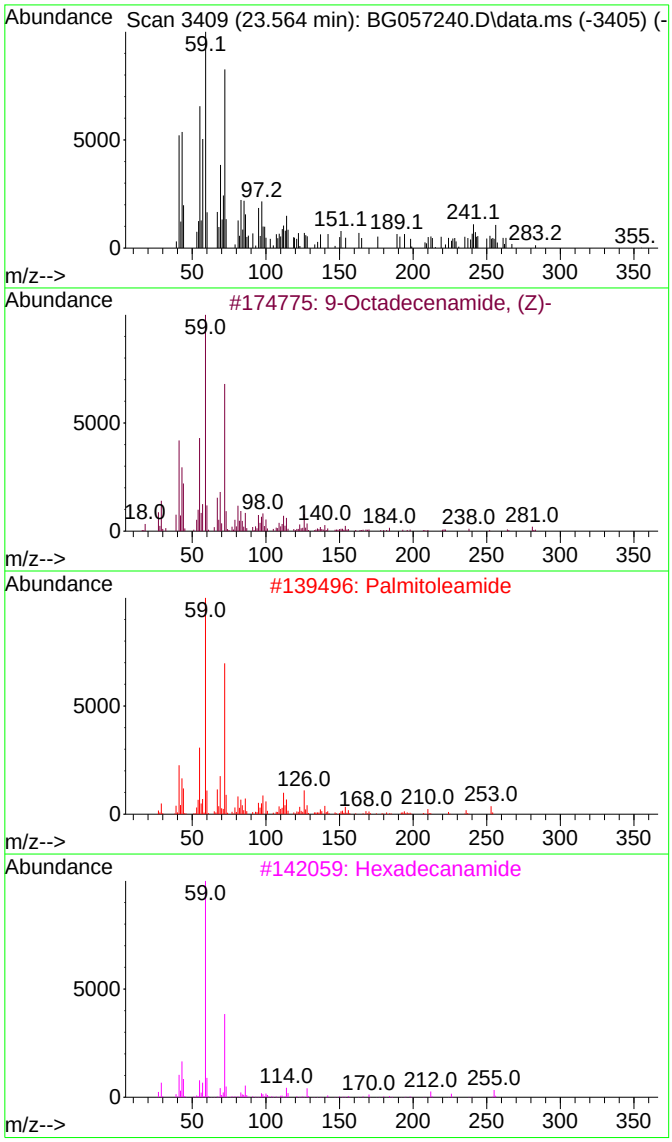
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

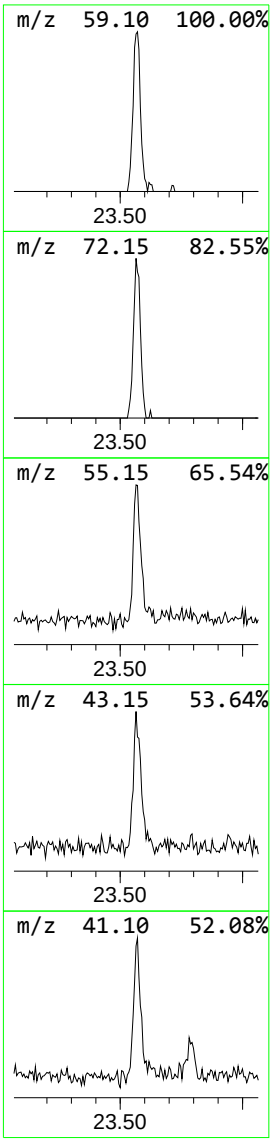
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 9-Octadecenamide, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.564	2.26 ng/ul	82396	Chrysene-d12	22.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2	Palmitoleamide	253	C16H31NO	106010-22-4	58
3	Hexadecanamide	255	C16H33NO	000629-54-9	43
4	L-Valine, N-cyclopentylcarbonyl-...	227	C12H21NO3	1000282-53-1	38
5	Cyclopentanecarboxamide	113	C6H11NO	003217-94-5	30





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Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

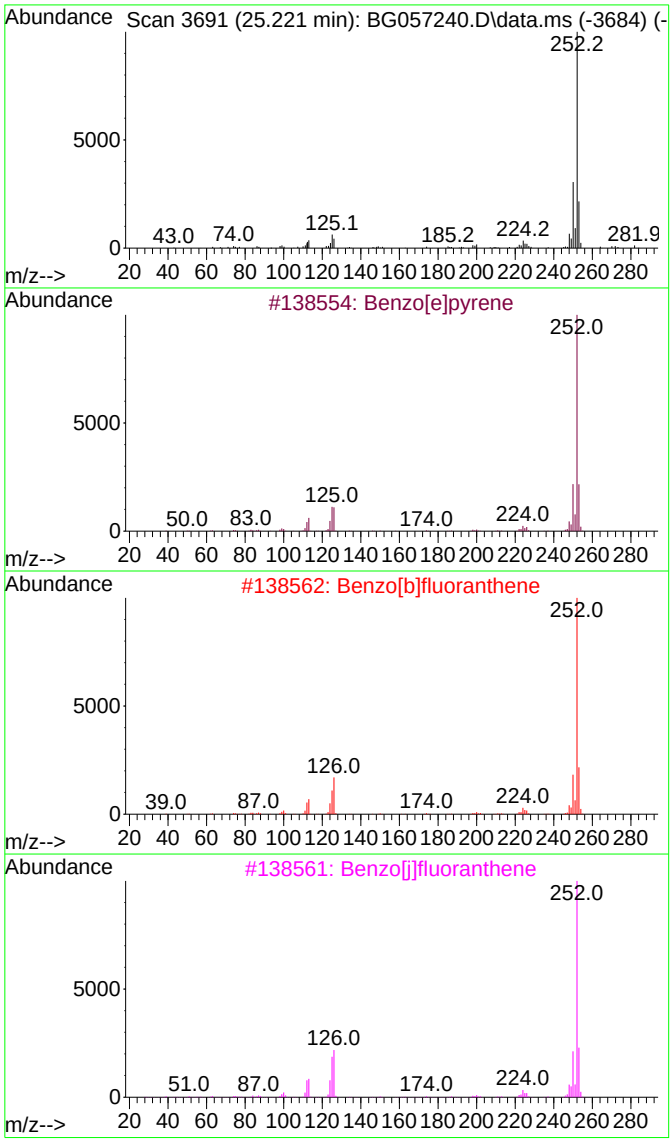
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

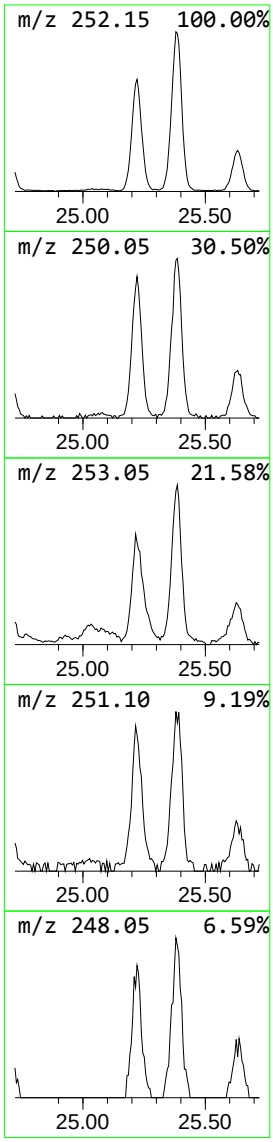
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.221	20.27 ng/ul	187543	Perylene-d12	25.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057240.D
Acq On : 29 Apr 2023 7:13
Operator : CG/JU
Sample : 02417-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.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
unknown-01	4.208	2.5	ng/ul	9841	1	8.379	77874	20.0
2,4,6-Cycloheptatrien...	10.377	3.1	ng/ul	18432	2	11.217	118961	20.0
(DEL) Alkane: S...	12.568	2.0	ng/ul	12054	2	11.217	118961	20.0
unknown-02	13.349	2.8	ng/ul	26493	3	14.988	187168	20.0
Benzophenone	16.321	3.6	ng/ul	34064	3	14.988	187168	20.0
Phenanthrene, 1...	18.595	7.6	ng/ul	96916	4	17.725	254448	20.0
Phenanthrene, 2...	18.642	8.2	ng/ul	104805	4	17.725	254448	20.0
1H-Cyclopropa[l...	18.724	2.6	ng/ul	33089	4	17.725	254448	20.0
4H-Cyclopenta[d...	18.794	11.1	ng/ul	140709	4	17.725	254448	20.0
Naphthalene, 2-...	19.076	4.2	ng/ul	53953	4	17.725	254448	20.0
9,10-Anthracenedione...	19.129	2.8	ng/ul	36020	4	17.725	254448	20.0
Phenanthrene, 2...	19.488	4.3	ng/ul	55030	4	17.725	254448	20.0
Cyclopenta(def)...	19.640	5.8	ng/ul	74002	4	17.725	254448	20.0
Pyrene, 1-methyl-	20.428	2.8	ng/ul	102305	5	22.037	730763	20.0
11H-Benzo[b]fluorene...	20.598	3.0	ng/ul	108018	5	22.037	730763	20.0
Pyrene, 2-methyl-	20.756	2.0	ng/ul	73595	5	22.037	730763	20.0
11H-Benzo[a]fluorene...	21.391	2.7	ng/ul	99864	5	22.037	730763	20.0
unknown-03	21.691	2.3	ng/ul	82217	5	22.037	730763	20.0
7H-Benz[de]anthracen...	21.743	3.3	ng/ul	121674	5	22.037	730763	20.0
Benzo(b)carbazole	22.478	2.0	ng/ul	74280	5	22.037	730763	20.0
9-Octadecenamide...	23.564	2.3	ng/ul	82396	5	22.037	730763	20.0
Benzo[e]pyrene	25.221	20.3	ng/ul	187543	6	25.544	185011	20.0