LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

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-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.083	9	16	39	rVB	651678	1389739	100.00%	9.467%
2	3.747	124	129	141	rVB	26177	54710	3.94%	0.373%
3	3.858	141	148	155	rVB5	10219	17918	1.29%	0.122%
4	7.060	687	693	701	rVB	63209	103568	7.45%	0.705%
5	7.201	712	717	724	rVB	41235	64935	4.67%	0.442%
6	7.413	746	753	760	rBV2	62195	100262	7.21%	0.683%
7	7.871	825	831	838	rBV	116350	194037	13.96%	1.322%
8	8.594	946	954	961	rBV	60473	96955	6.98%	0.660%
9	9.029	1020	1028	1035	rBV2	60597	104121	7.49%	0.709%
10	9.751	1145	1151	1160	rVB	56427	93076	6.70%	0.634%
11	10.304	1238	1245	1254	rBV	74246	127715	9.19%	0.870%
12	10.439	1261	1268	1276	rBV3	19411	34625	2.49%	0.236%
13	10.668	1299	1307	1312	rBV	158760	269323	19.38%	1.835%
14	10.721	1312	1316	1323	rVB2	14737	24516	1.76%	0.167%
15	10.803	1323	1330	1337	rBV	36754	65195	4.69%	0.444%
16	12.331	1583	1590	1596	rBV	15947	23864	1.72%	0.163%
17	12.548	1621	1627	1635	rVB2	15008	21244	1.53%	0.145%
18	13.688	1813	1821	1826	rVB4	5610	12484	0.90%	0.085%
19	13.829	1839	1845	1850	rBV2	12361	21178	1.52%	0.144%
20	13.917	1850	1860	1868	rVB	128878	190492	13.71%	1.298%
21	14.205	1901	1909	1919	rVB2	138119	218251	15.70%	1.487%
22	14.510	1953	1961	1967	rVV	237498	365333	26.29%	2.489%
23	14.575	1967	1972	1980	rVB2	72427	110247	7.93%	0.751%
24	14.757	1991	2003	2008	rVV4	34148	80186	5.77%	0.546%
25	14.816	2010	2013	2020	rVV4	8956	15289	1.10%	0.104%
26	14.910	2024	2029	2034	rVV	51251	77903	5.61%	0.531%
27	15.503	2122	2130	2135	rVV	177151	267013	19.21%	1.819%
28	15.556	2135	2139	2149	rVV	63706	101871	7.33%	0.694%
29	15.644	2149	2154	2158	rVV3	24682	38281	2.75%	0.261%
30	15.685	2158	2161	2164	rVV2	11045	15336	1.10%	0.104%
31	15.727	2164	2168	2172	rVV2	12348	19201	1.38%	0.131%
32	15.856	2185	2190	2196	rVB	18666	30278	2.18%	0.206%
33	16.003	2210	2215	2223	rVV3	20307	44559	3.21%	0.304%
34	16.238	2251	2255	2263	rVB7	8938	16312	1.17%	0.111%
35	16.543	2300	2307	2309	rBV3	12738	24571	1.77%	0.167%
36	16.567	2309	2311	2316	rVV4	14421	20357	1.46%	0.139%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

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-BG052124.MA.M
Title : SVOA CALIBRATION

37	16.614	2316	2319	2325	rVV3	9159	13676	0.98%	0.093%
38	16.802	2347	2351	2353	rVV3	8129	12669	0.91%	0.086%
39	16.831	2353	2356	2363	rVV4	10494	16653	1.20%	0.113%
40	16.919	2365	2371	2378	rVB	35189	57540	4.14%	0.392%
41	17.013	2378	2387	2393	rBV5	24702	52209	3.76%	0.356%
42	17.078	2393	2398	2409	rVB	28901	49678	3.57%	0.338%
43	17.260	2423	2429	2433	rBV	284757	455109	32.75%	3.100%
44	17.307	2433	2437	2442	rVV	593718	865378	62.27%	5.895%
45	17.360	2442	2446	2449	rVV2	200518	293992	21.15%	2.003%
46	17.395	2449	2452	2458	rVB	125448	169790	12.22%	1.157%
47	17.454	2458	2462	2467	rBV3	13277	21718	1.56%	0.148%
48	17.665	2488	2498	2503	rBV2	59768	109712	7.89%	0.747%
49	17.777	2510	2517	2523	rBV6	11284	21819	1.57%	0.149%
50	17.842	2524	2528	2532	rBV3	9645	14745	1.06%	0.100%
51	18.136	2570	2578	2582	rBV	75548	130500	9.39%	0.889%
52	18.188	2582	2587	2593	rVB	110328	173892	12.51%	1.185%
53	18.271	2596	2601	2606	rBV	35558	51289	3.69%	0.349%
54	18.335	2606	2612	2615	rBV4	93704	176423	12.69%	1.202%
55	18.371	2615	2618	2624	rVB	54489	77744	5.59%	0.530%
56	18.447	2624	2631	2635	rBV6	13027	26420	1.90%	0.180%
57	18.488	2635	2638	2642	rVB4	11068	15826	1.14%	0.108%
58	18.535	2642	2646	2650	rBV7	7756	13180	0.95%	0.090%
59	18.635	2659	2663	2667	rBV	59657	78782	5.67%	0.537%
60	18.682	2667	2671	2679	rVB	65981	95206	6.85%	0.649%
61	18.758	2682	2684	2690	rBV4	9488	13246	0.95%	0.090%
62	18.888	2697	2706	2710	rBV3	23209	39469	2.84%	0.269%
63	18.935	2711	2714	2717	rVB2	12438	13837	1.00%	0.094%
64	18.976	2717	2721	2724	rVB3	16258	21709	1.56%	0.148%
65	19.058	2729	2735	2741	rBV4	37634	91828	6.61%	0.626%
66	19.199	2754	2759	2765	rBV4	34426	66699	4.80%	0.454%
67	19.322	2772	2780	2786	rVB	641705	902387	64.93%	6.147%
68	19.381	2786	2790	2793	rBV3	13744	21427	1.54%	0.146%
69	19.416	2793	2796	2801	rVB2	19119	29920	2.15%	0.204%
70	19.522	2808	2814	2817	rBV4	21059	39163	2.82%	0.267%
71	19.563	2819	2821	2824	rVB	15782	17073	1.23%	0.116%
72	19.651	2830	2836	2839	rBV2	379718	616078	44.33%	4.197%
73	19.681	2839	2841	2849	rVV	552466	696122	50.09%	4.742%
74	19.751	2849	2853	2859	rVB2	36227	61811	4.45%	0.421%
75	19.863	2868	2872	2877	rVB	38827	54065	3.89%	0.368%
76	19.922	2878	2882	2886	rVB	34361	49612	3.57%	0.338%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

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-BG052124.MA.M
Title : SVOA CALIBRATION

77	20.004	2891	2896	2902	rBV3	46079	106827	7.69%	0.728%
78	20.145	2915	2920	2921	rBV3	25753	41988	3.02%	0.286%
79	20.174	2921	2925	2931	rVB	84136	133317	9.59%	0.908%
80	20.274	2938	2942	2946	rBV2	54244	68767	4.95%	0.468%
81	20.333	2946	2952	2956	rVV2	60974	114511	8.24%	0.780%
82	20.374	2956	2959	2962	rVB3	19538	26470	1.90%	0.180%
83	20.409	2963	2965	2970	rVB4	16119	20122	1.45%	0.137%
84	20.474	2972	2976	2979	rBV	34610	48747	3.51%	0.332%
85	20.521	2981	2984	2987	rVB2	59640	72633	5.23%	0.495%
86	20.932	3050	3054	3060	rBV	60009	81344	5.85%	0.554%
87	21.103	3078	3083	3087	rBV3	39715	81139	5.84%	0.553%
88	21.150	3087	3091	3094	rVV	54637	88097	6.34%	0.600%
89	21.191	3094	3098	3104	rVV3	56057	146977	10.58%	1.001%
90	21.255	3106	3109	3118	rVB2	68679	118881	8.55%	0.810%
91	21.508	3145	3152	3158	rBV3	418464	1045075	75.20%	7.119%
92	21.561	3158	3161	3175	rVB	255829	392284	28.23%	2.672%
93	21.702	3182	3185	3192	rVB	39581	62024	4.46%	0.422%
94	22.219	3270	3273	3277	rVB	46446	69566	5.01%	0.474%
95	22.924	3390	3393	3403	rVB8	47234	112947	8.13%	0.769%
96	23.629	3506	3513	3520	rBV	145471	448689	32.29%	3.056%
97	24.317	3626	3630	3635	rBV	45400	88707	6.38%	0.604%
98	24.393	3637	3643	3648	rVV3	111141	251477	18.10%	1.713%
99	24.458	3649	3654	3667	rVB	129366	341809	24.60%	2.328%
100	24.604	3671	3679	3687	rBV	207053	534557	38.46%	3.641%

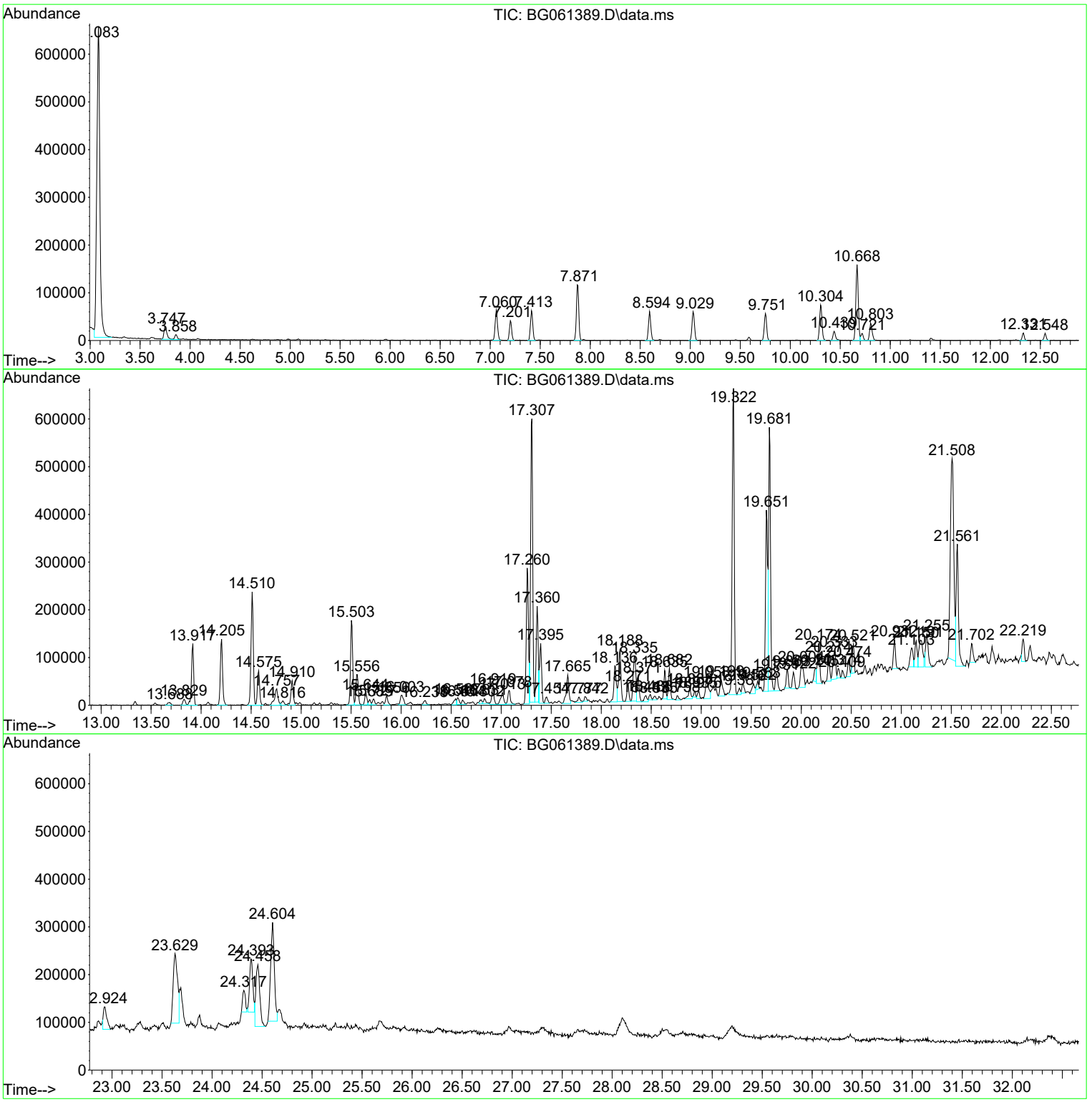
Sum of corrected areas: 14680296

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

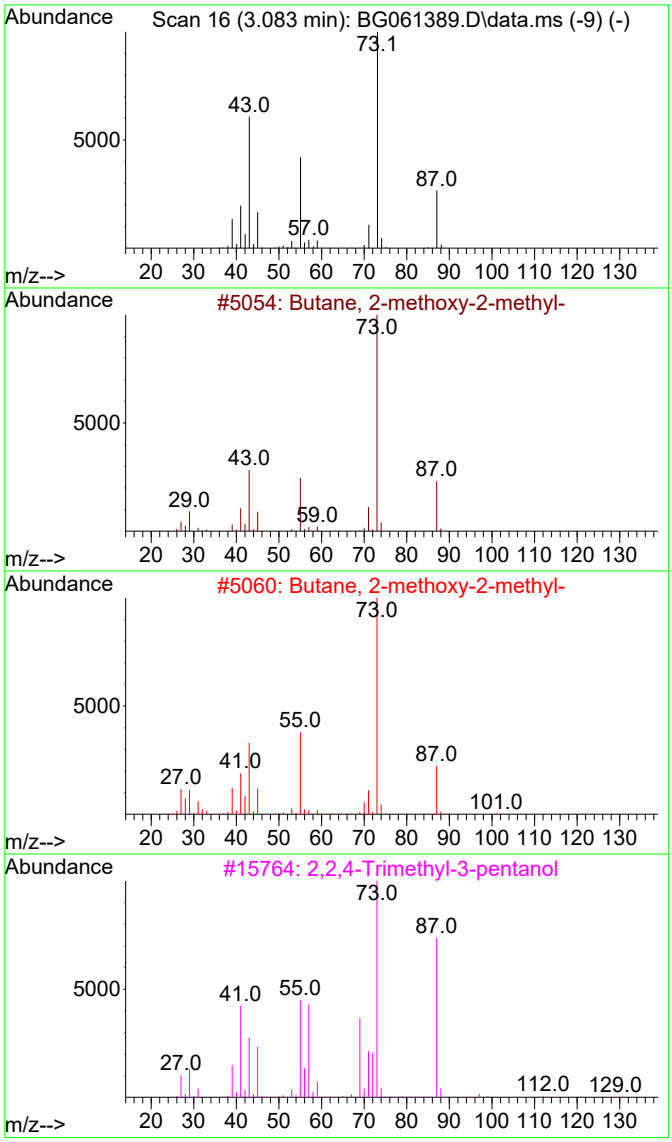
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

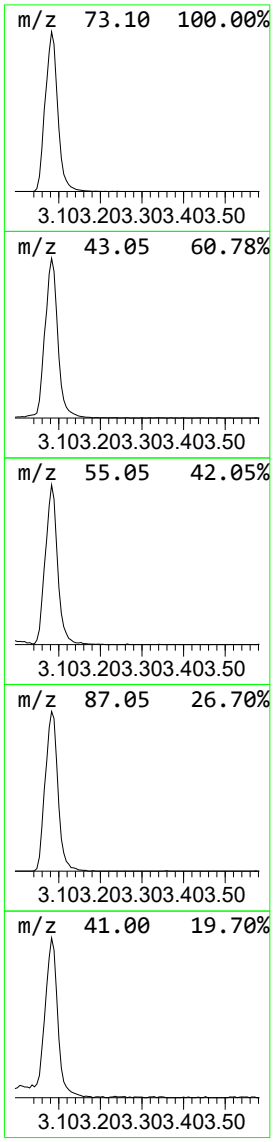
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	143.25 ng/ul	1389740	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

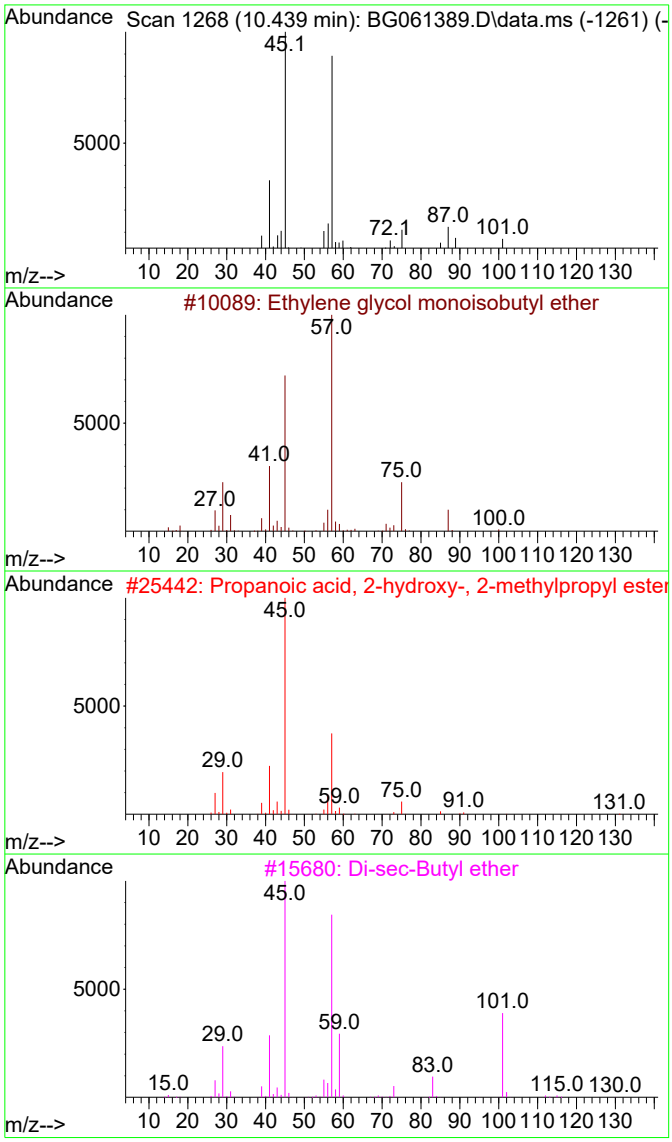
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

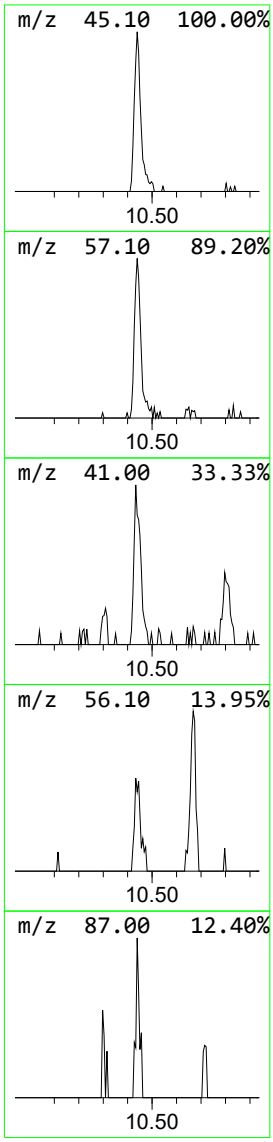
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethylene glycol monoisobuty... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	2.57 ng/ul	34625	Naphthalene-d8	10.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
2	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

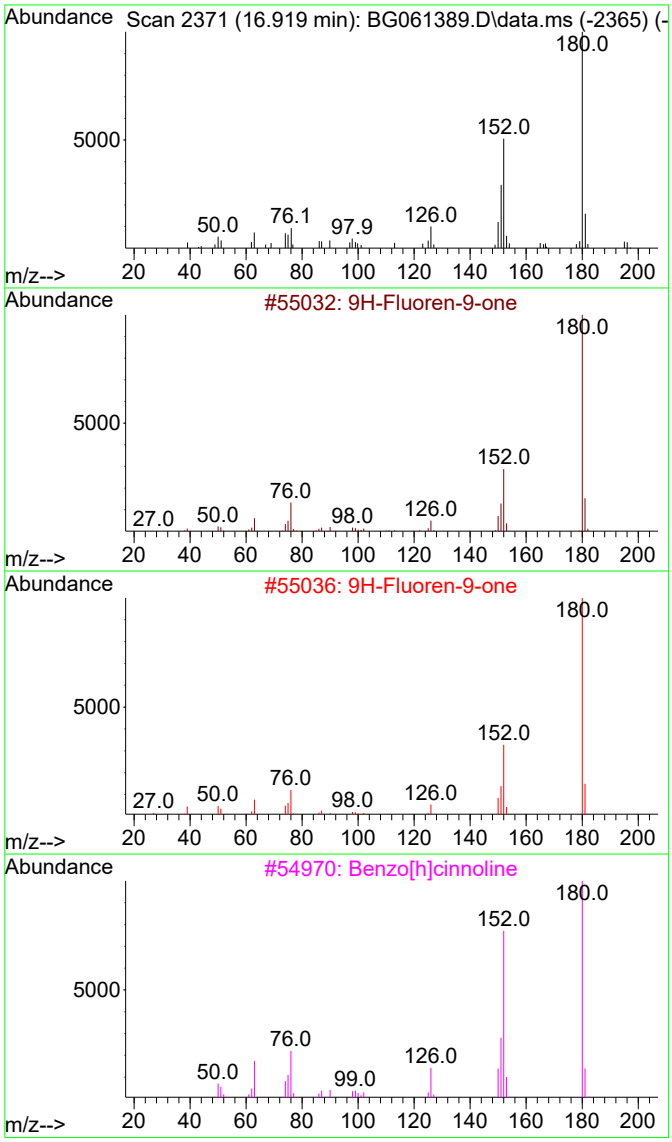
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

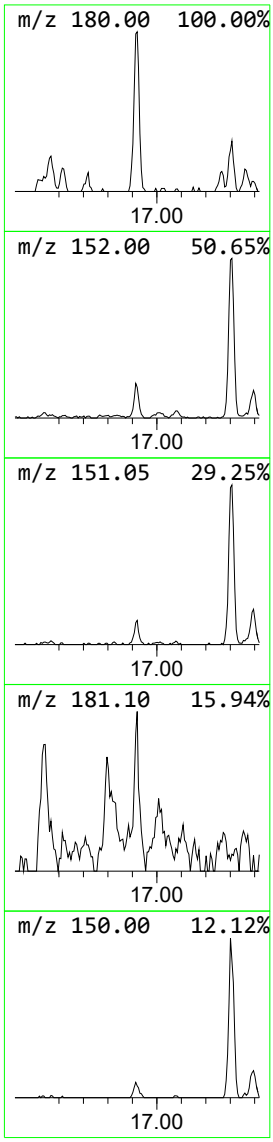
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	2.53 ng/ul	57540	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

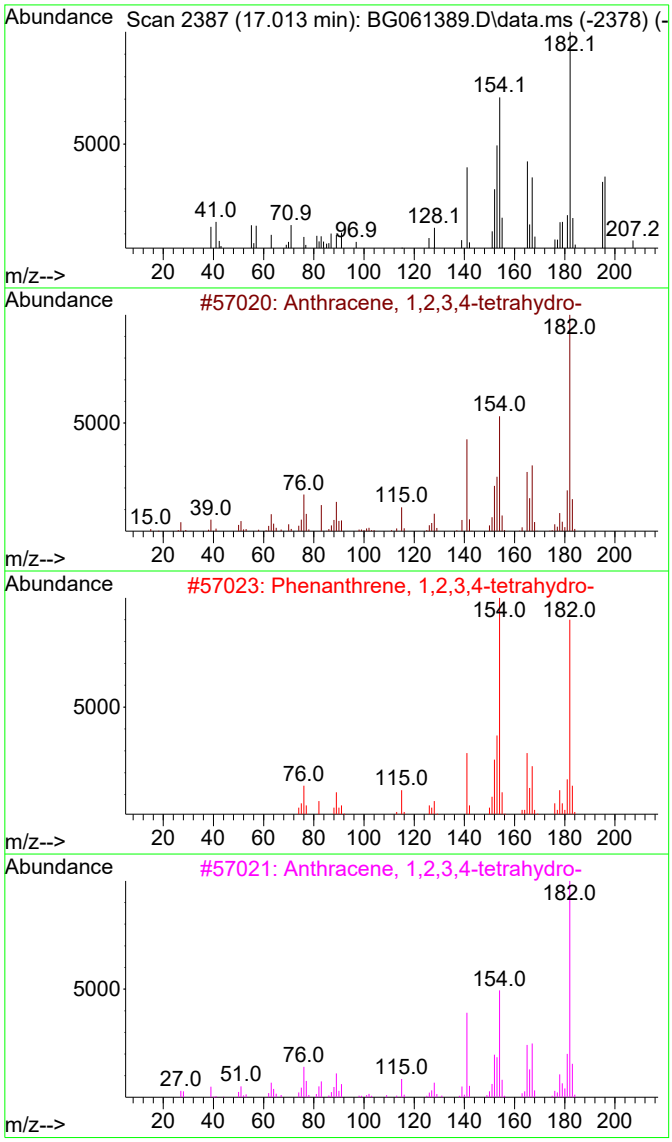
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

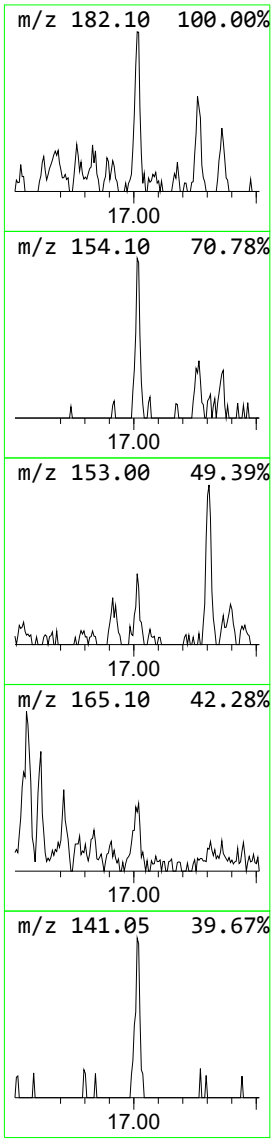
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.013	2.29 ng/ul	52209	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	76
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	70
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	60
5	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

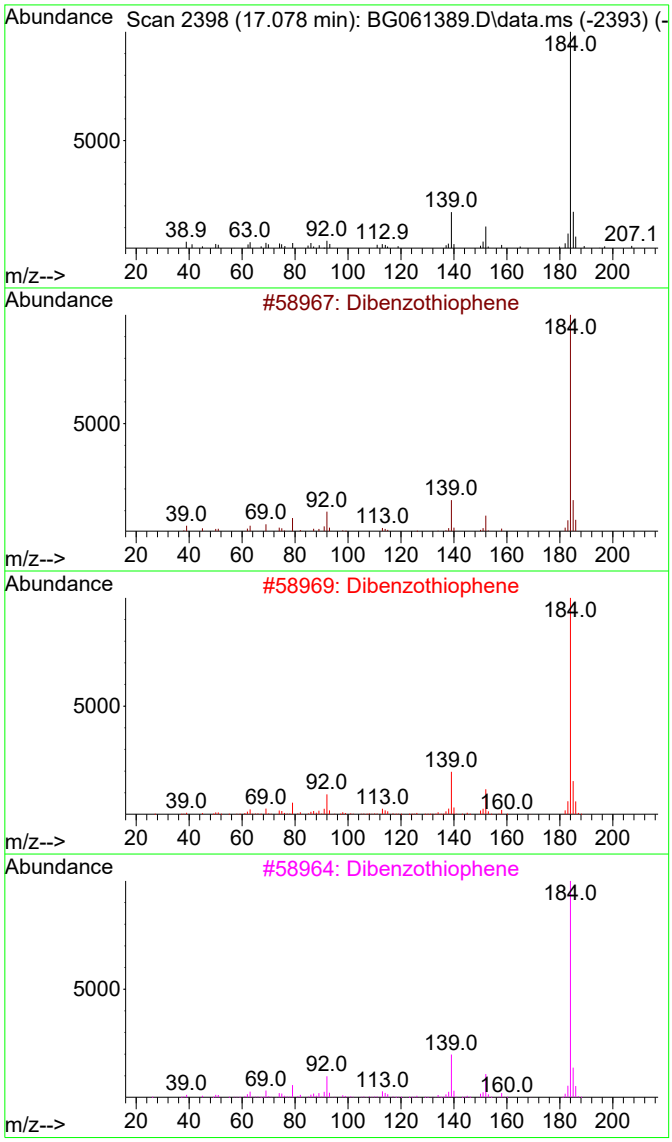
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

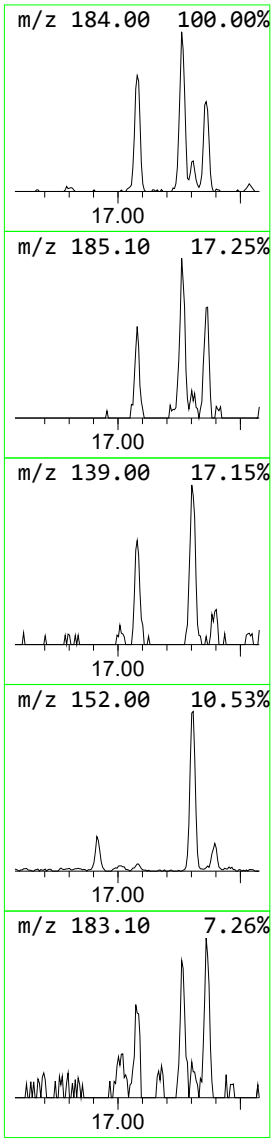
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.078	2.18 ng/ul	49678	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

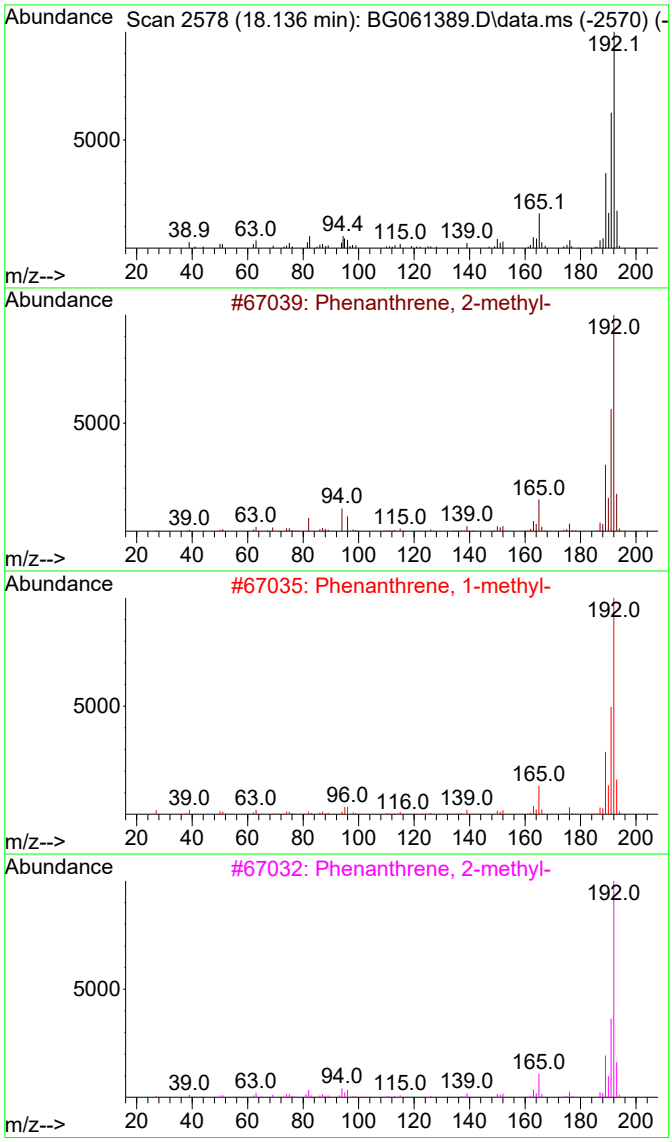
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

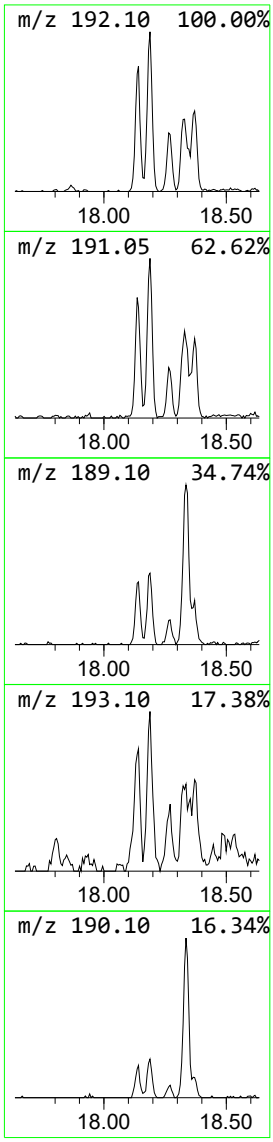
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	5.73 ng/ul	130500	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

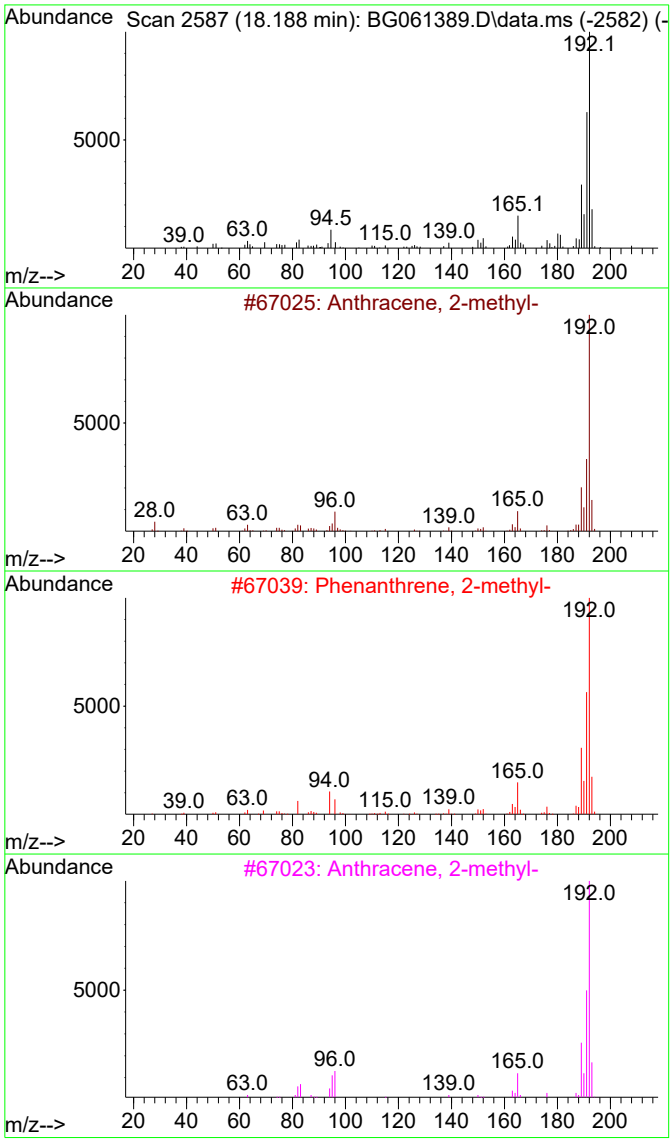
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

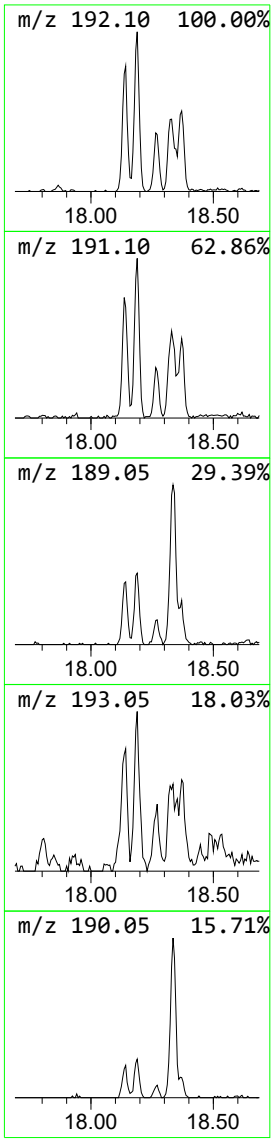
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	7.64 ng/ul	173892	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

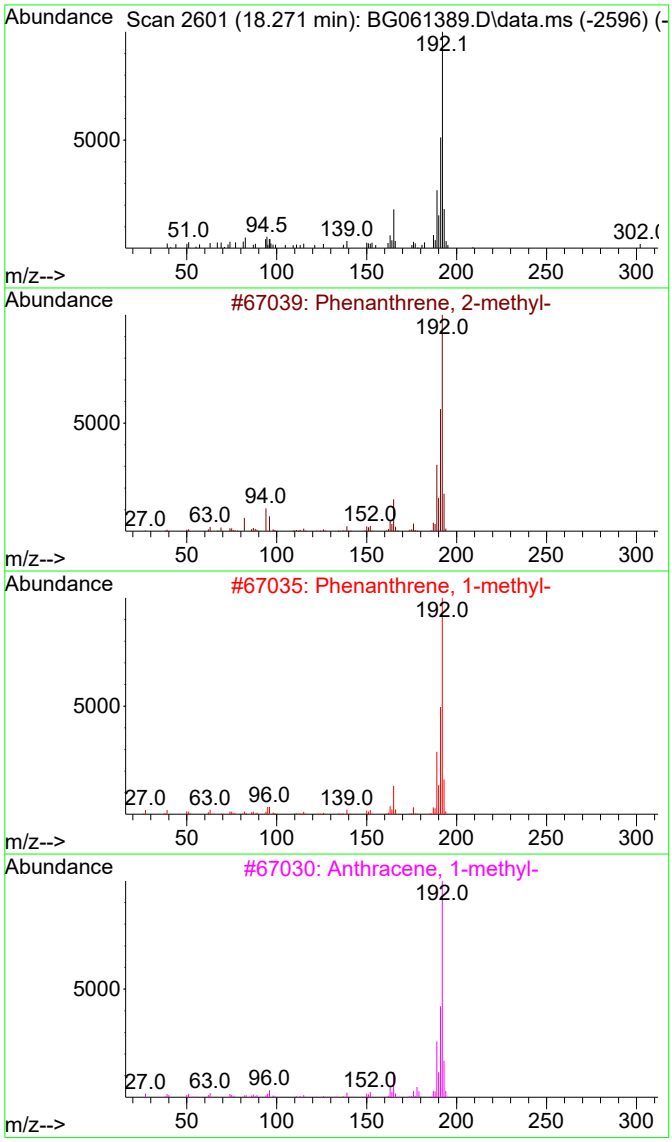
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

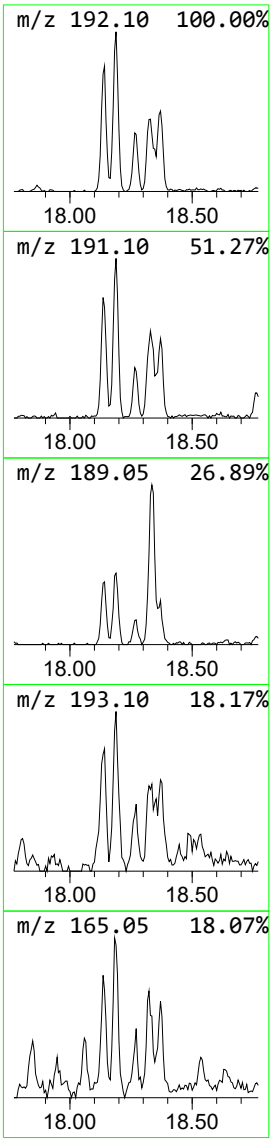
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.271	2.25 ng/ul	51289	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

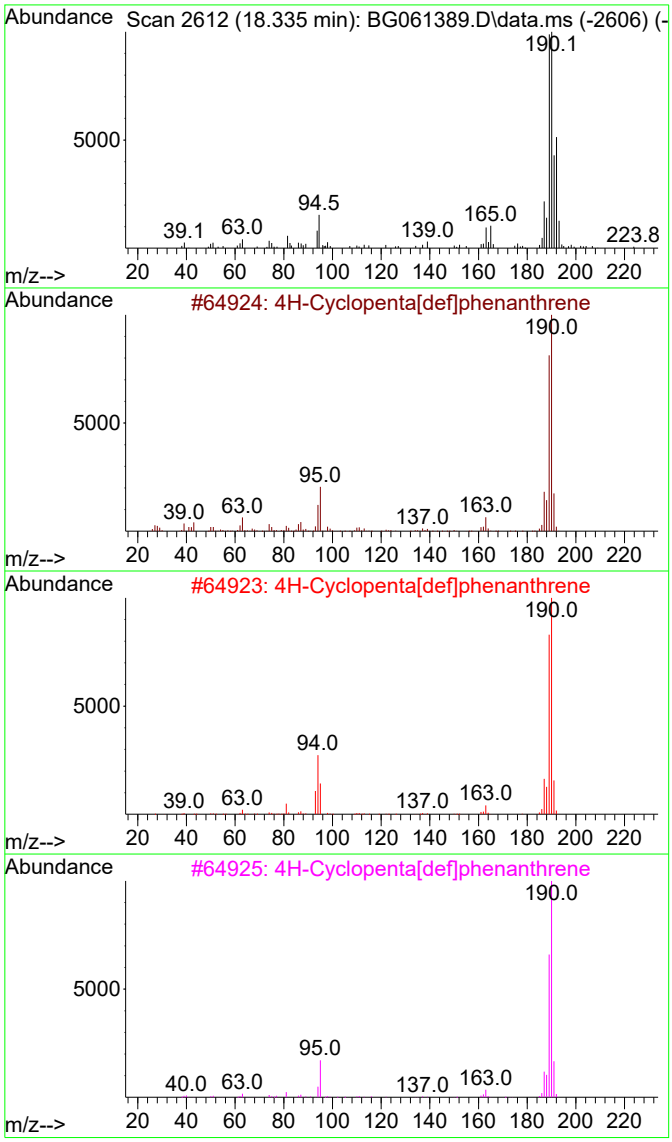
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

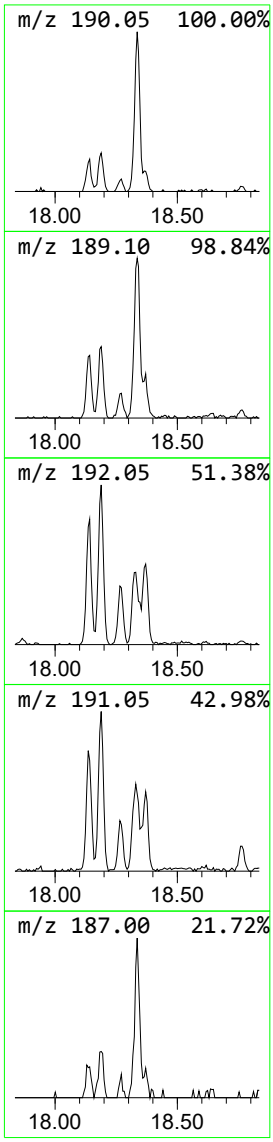
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.335	7.75 ng/ul	176423	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

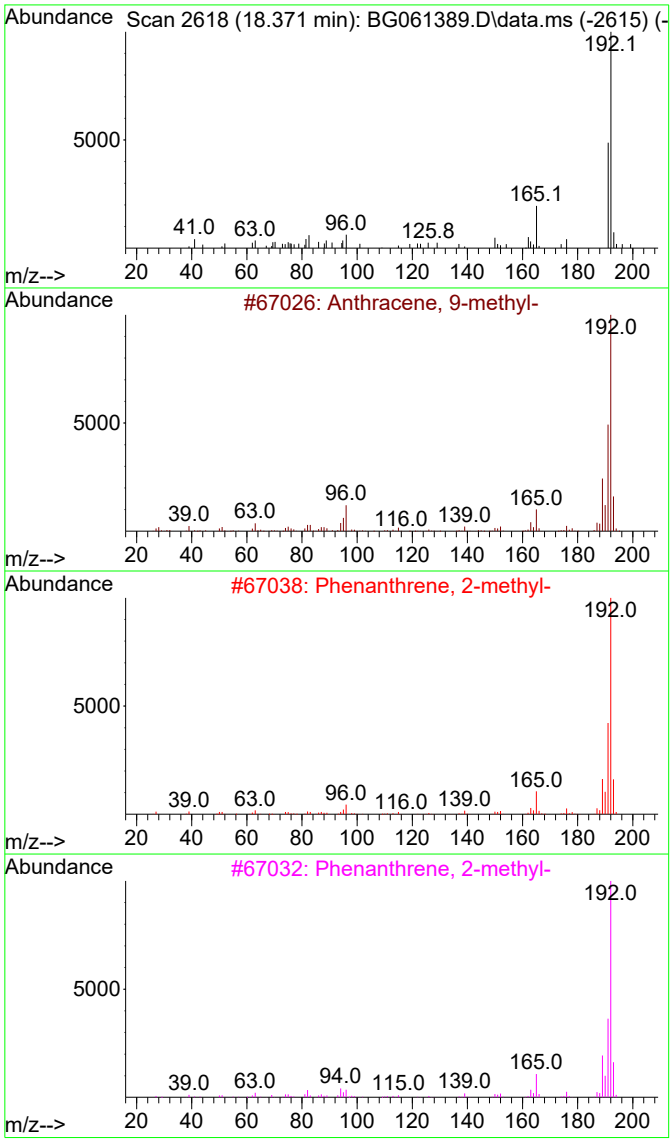
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

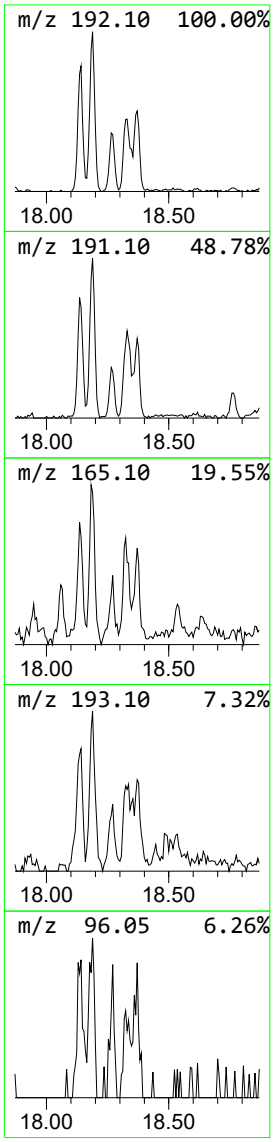
****

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	3.42 ng/ul	77744	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

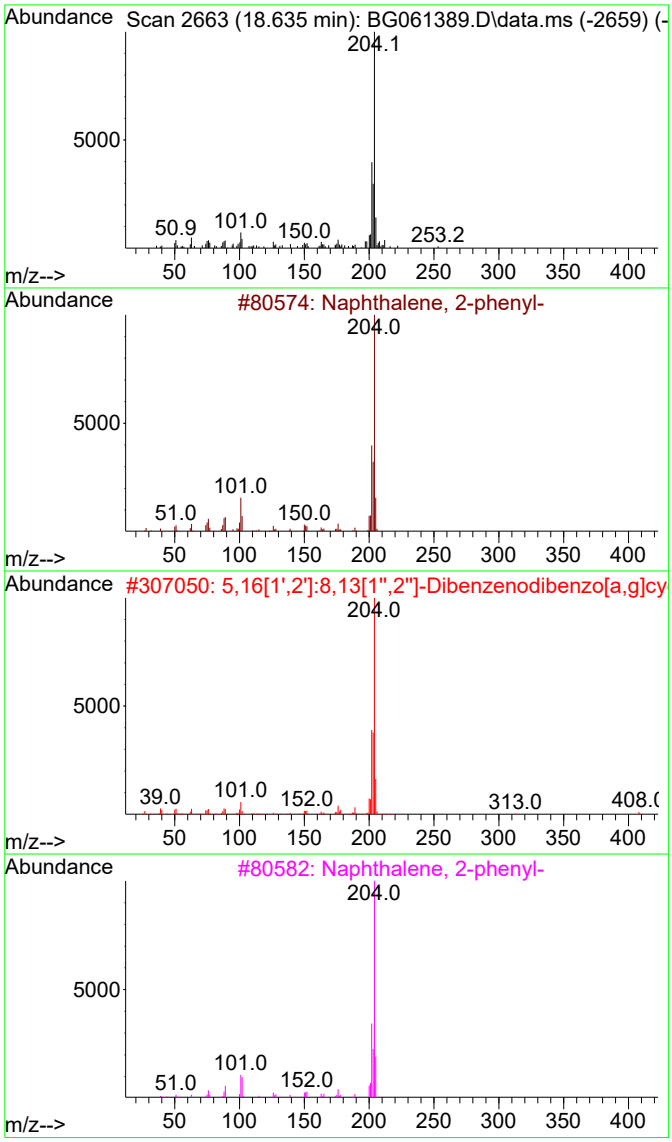
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

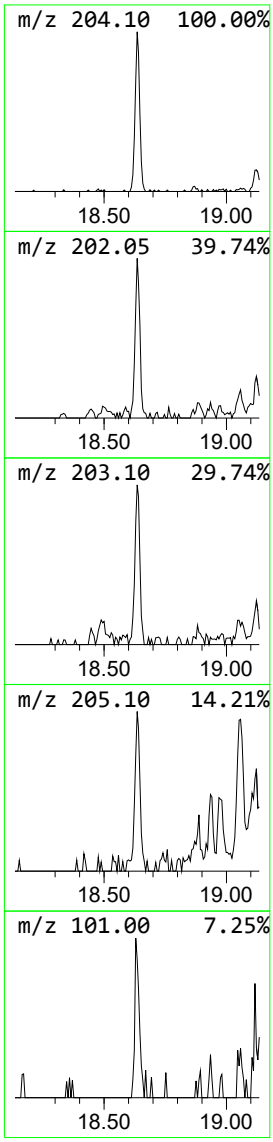
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.635	3.46 ng/ul	78782	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

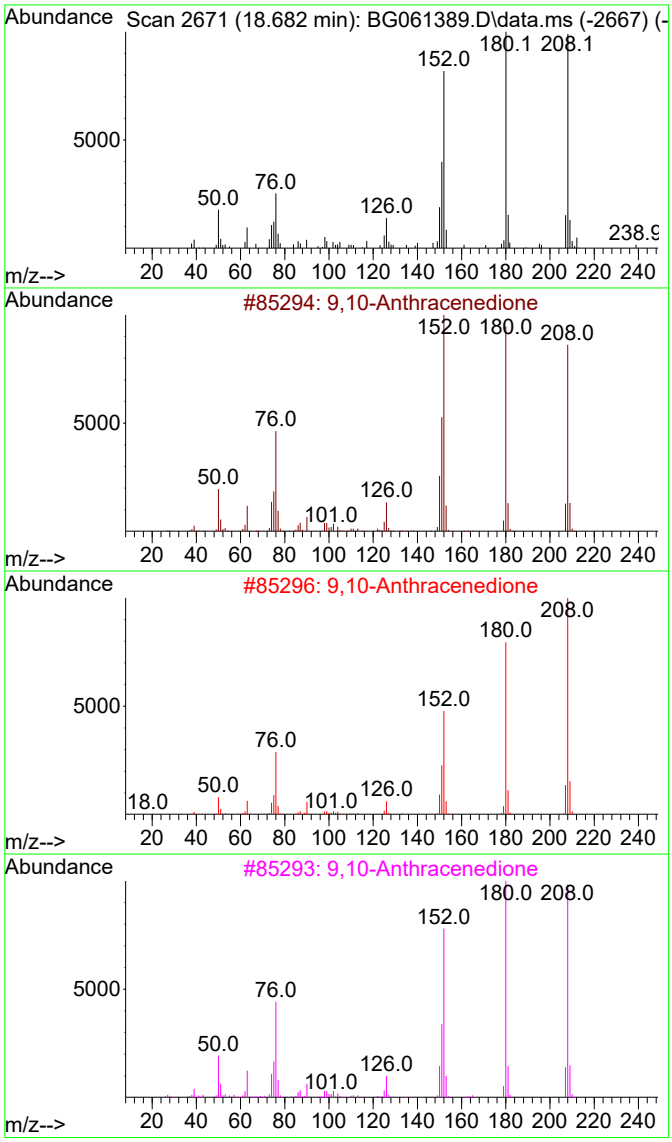
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

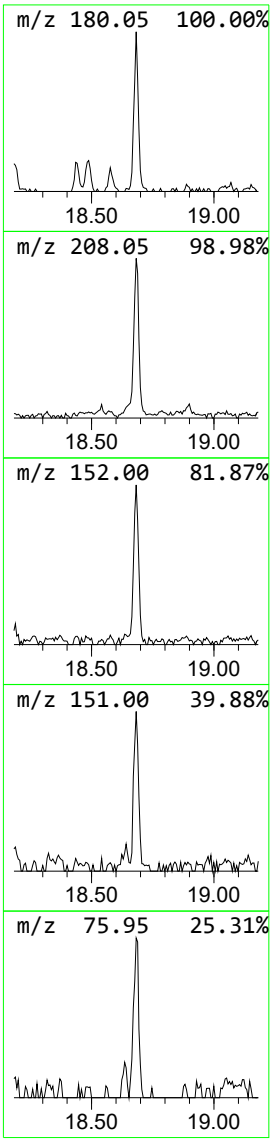
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.682	4.18 ng/ul	95206	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

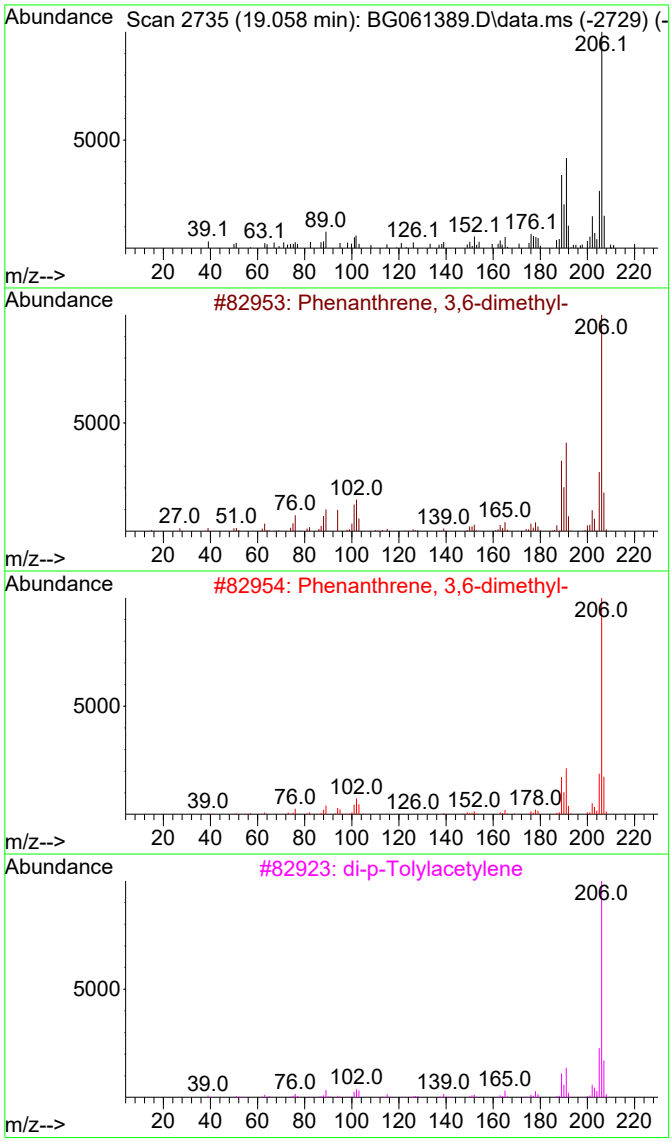
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

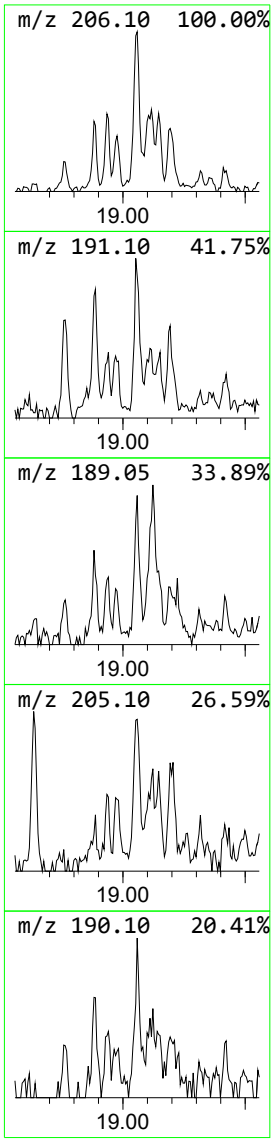
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	4.04 ng/ul	91828	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

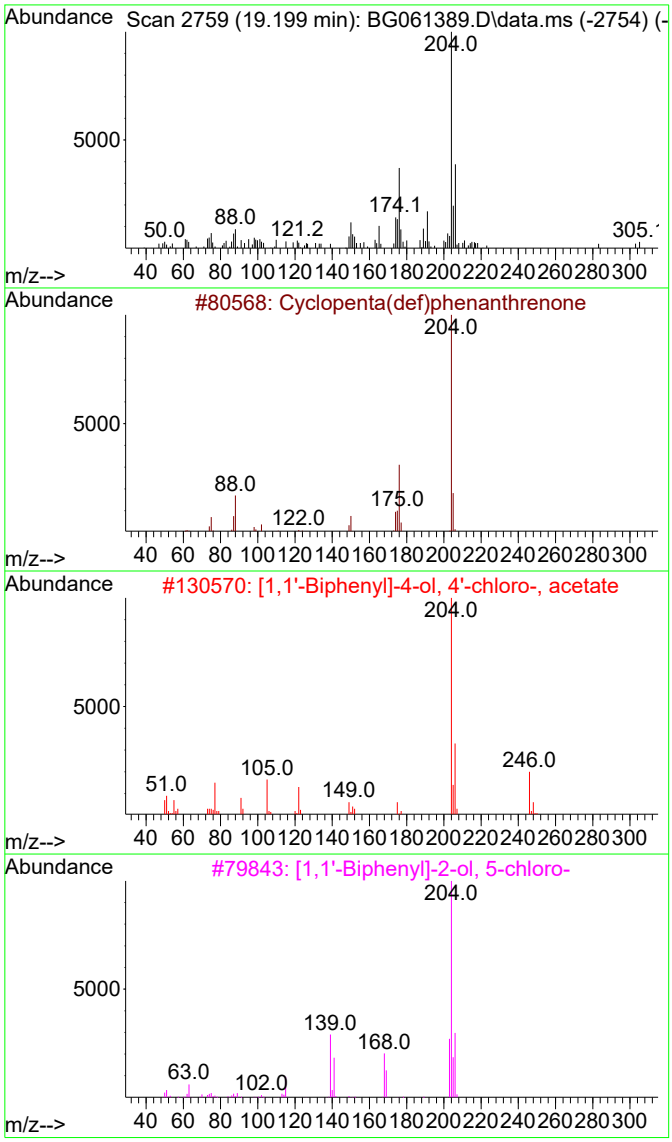
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

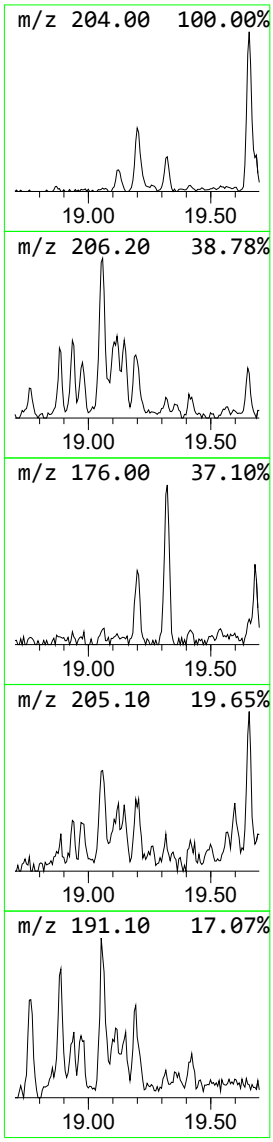
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.199	2.93 ng/ul	66699	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-...	246	C14H11ClO2	057396-87-9	53
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

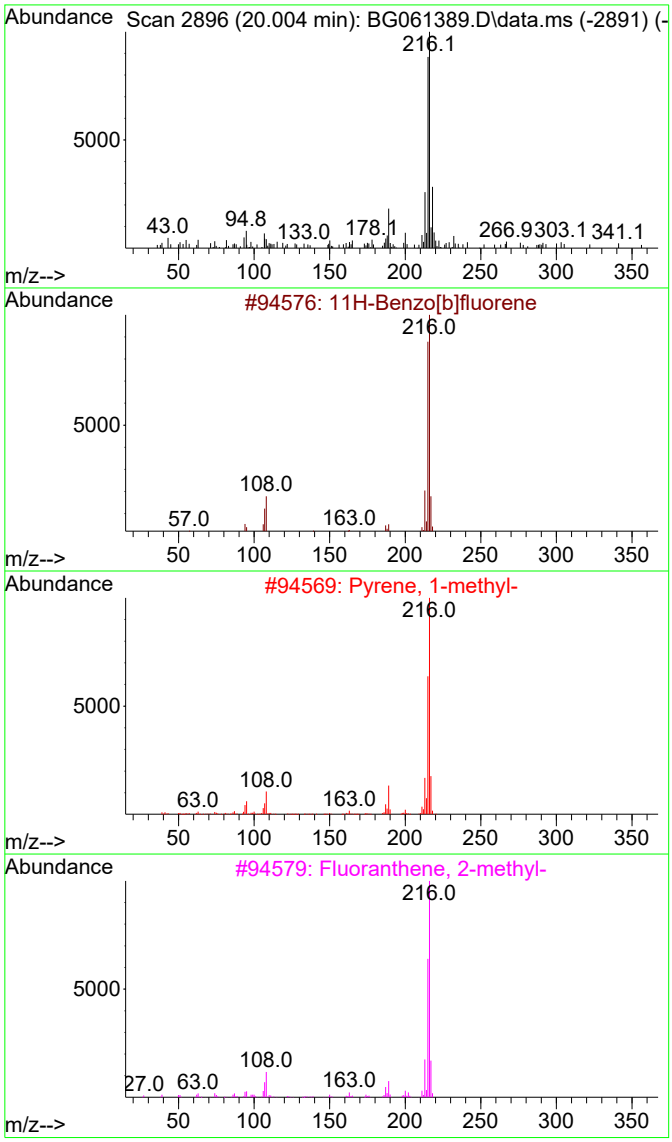
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

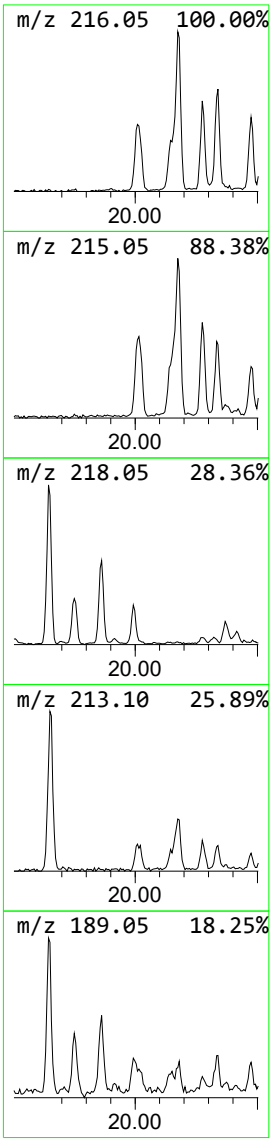
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	2.04 ng/ul	106827	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

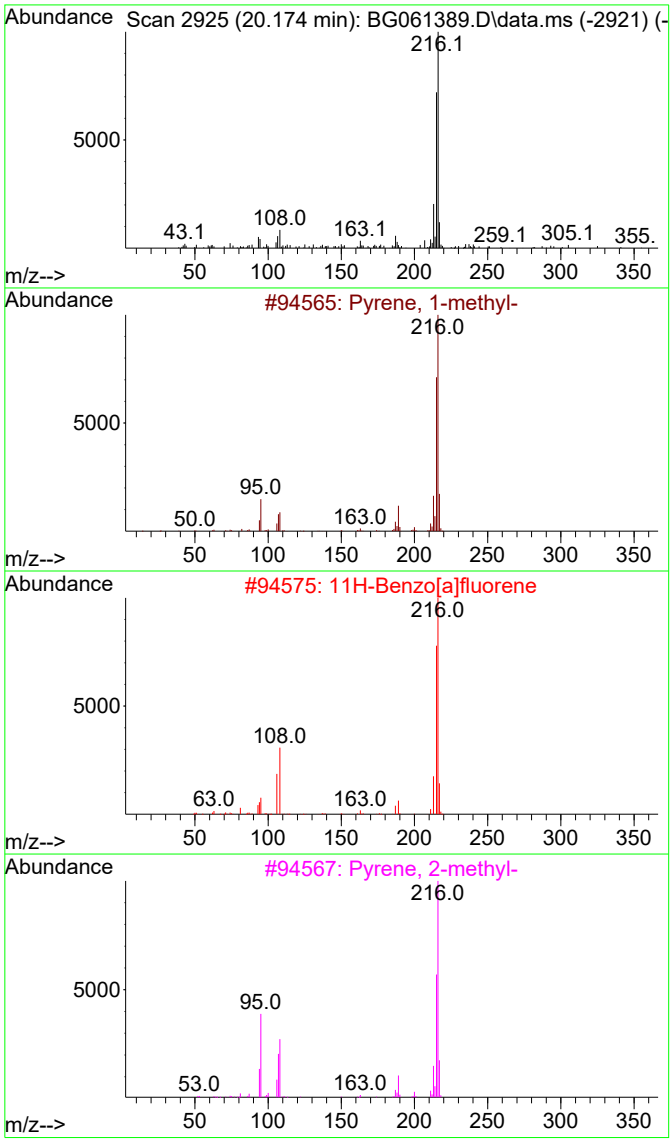
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

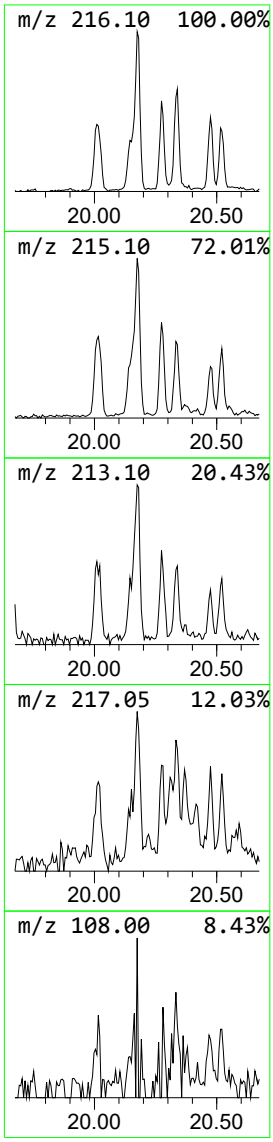
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.55 ng/ul	133317	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

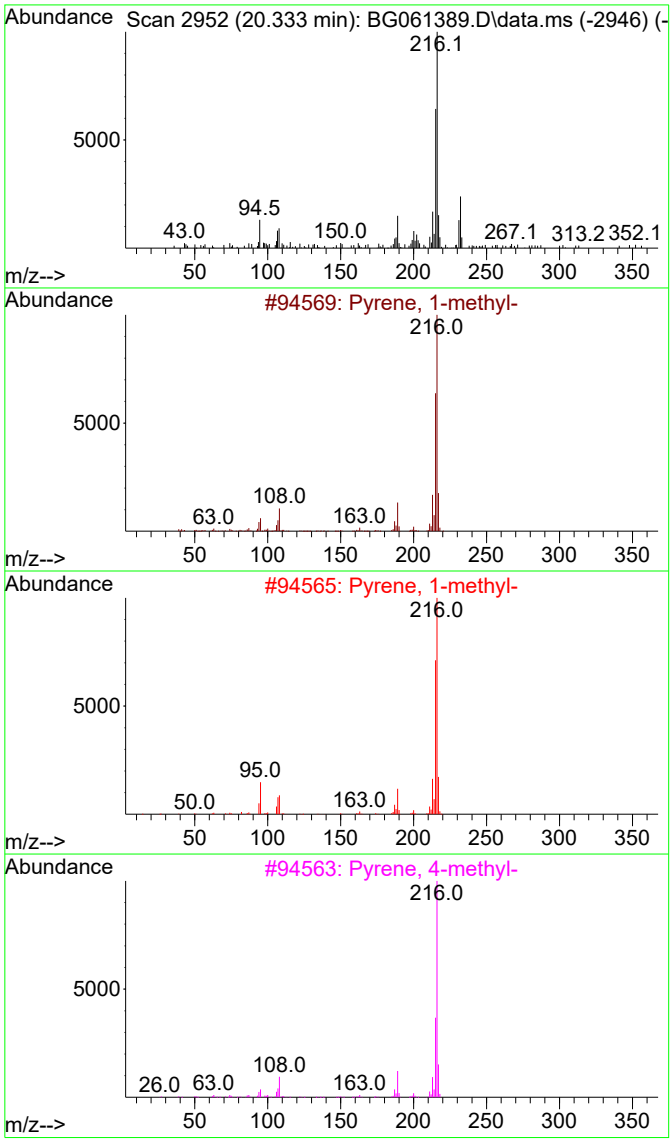
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

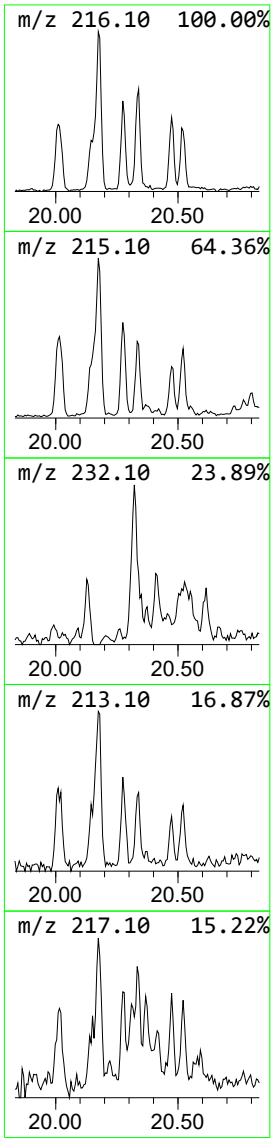
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	2.19 ng/ul	114511	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

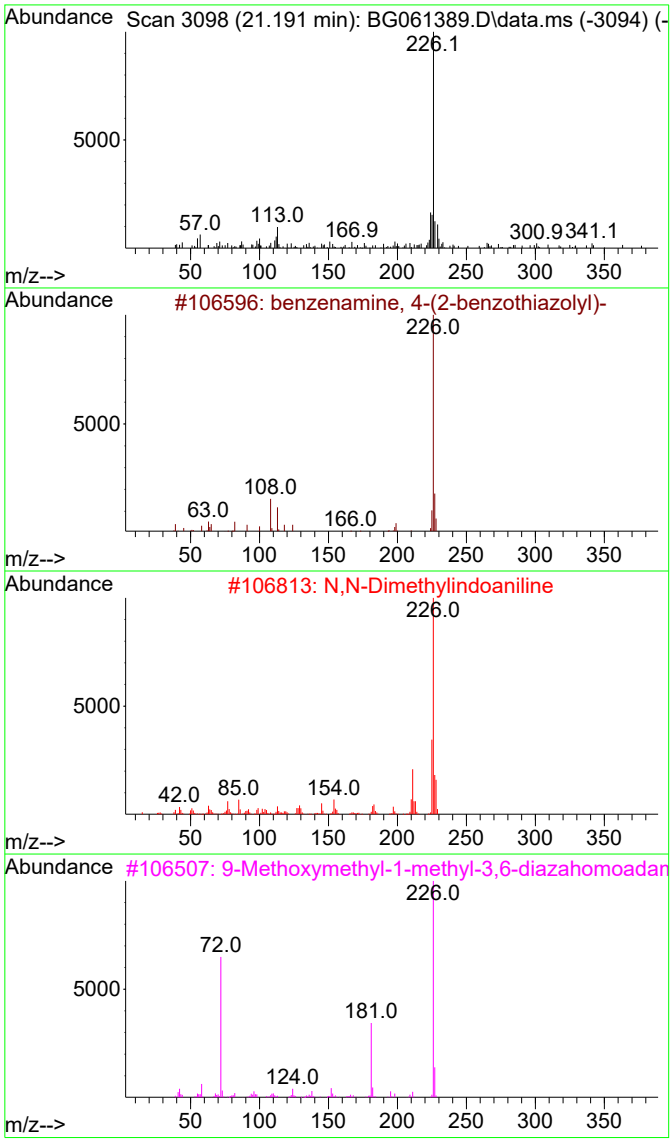
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

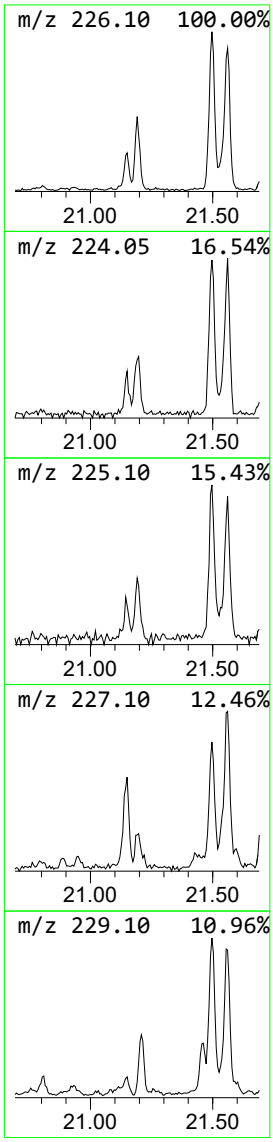
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 benzenamine, 4-(2-benzothia... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.191	2.81 ng/ul	146977	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	64
2	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	50
3	9-Methoxymethyl-1-methyl-3,6-dia...	226	C12H22N2O2	1000216-30-2	50
4	N-{2-[(Trimethylsilyl)oxy]ethyl}...	329	C19H43NOSi	1000408-26-8	50
5	l-Leucine, N-(2,6-difluorobenzoy...	509	C30H49F2NO3	1000327-75-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

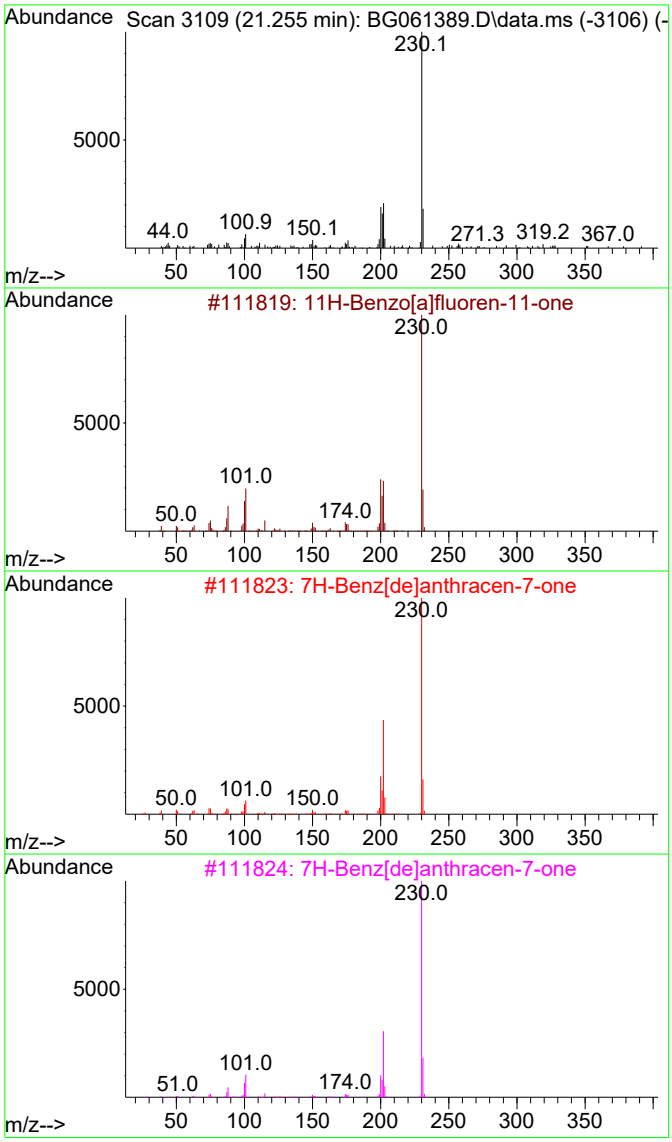
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

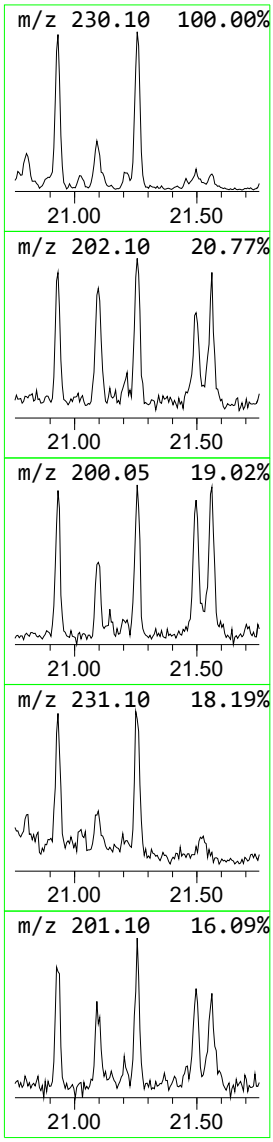
****

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.255	2.28 ng/ul	118881	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

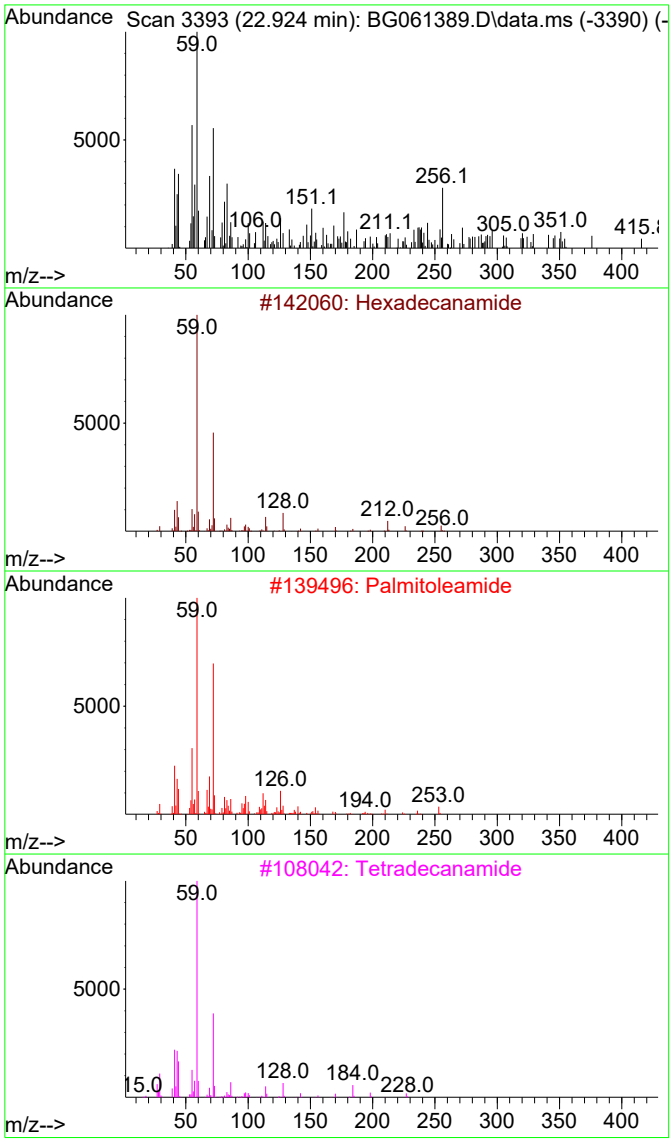
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

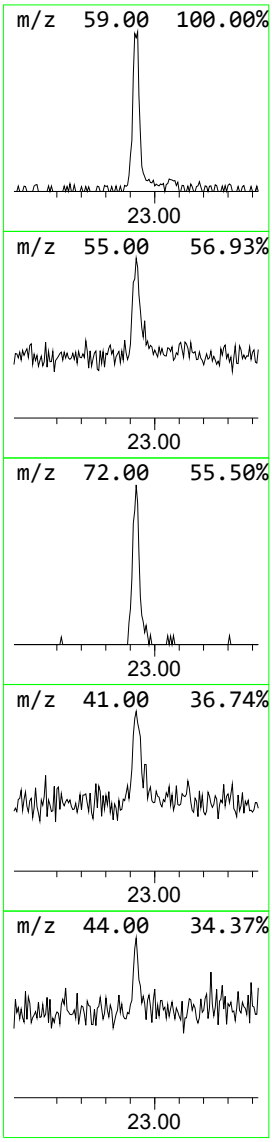
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecanamide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.924	2.16 ng/ul	112947	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	52
2	Palmitoleamide	253	C16H31NO	106010-22-4	50
3	Tetradecanamide	227	C14H29NO	000638-58-4	43
4	Silane, hexyl-	116	C6H16Si	001072-14-6	38
5	Pentane, 1-(2-butenyloxy)-, (E)-	142	C9H18O	054004-26-1	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

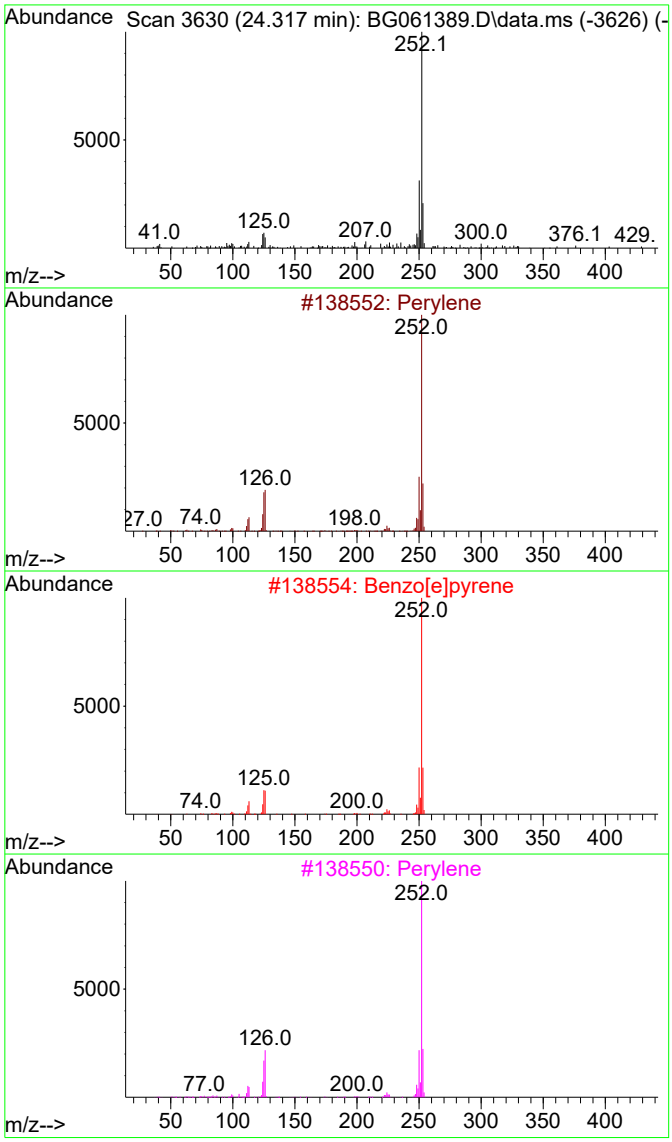
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

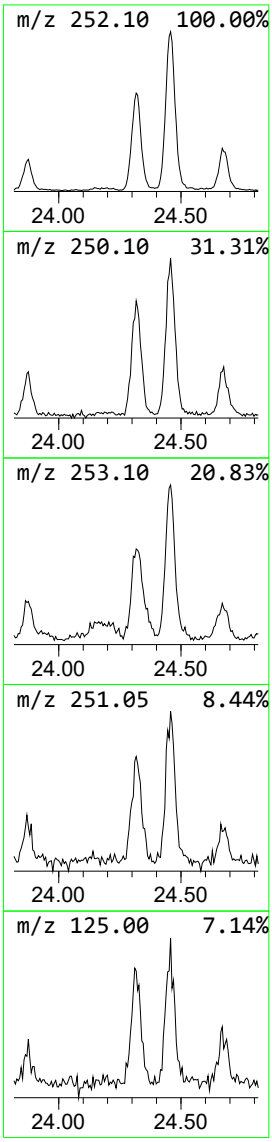
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.317	3.32 ng/ul	88707	Perylene-d12	24.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Perylene	252	C20H12	000198-55-0	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[e]pyrene	252	C20H12	000192-97-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.083	143.3	ng/ul	1389740	1	7.871	194037	20.0
Ethylene glycol...	10.439	2.6	ng/ul	34625	2	10.668	269323	20.0
9H-Fluoren-9-one	16.919	2.5	ng/ul	57540	4	17.260	455109	20.0
Anthracene, 1,2...	17.013	2.3	ng/ul	52209	4	17.260	455109	20.0
Dibenzothiophene	17.078	2.2	ng/ul	49678	4	17.260	455109	20.0
Phenanthrene, 2...	18.136	5.7	ng/ul	130500	4	17.260	455109	20.0
Anthracene, 2-m...	18.188	7.6	ng/ul	173892	4	17.260	455109	20.0
Phenanthrene, 1...	18.271	2.3	ng/ul	51289	4	17.260	455109	20.0
4H-Cyclopenta[d...	18.335	7.8	ng/ul	176423	4	17.260	455109	20.0
Anthracene, 9-m...	18.371	3.4	ng/ul	77744	4	17.260	455109	20.0
Naphthalene, 2-...	18.635	3.5	ng/ul	78782	4	17.260	455109	20.0
9,10-Anthracene...	18.682	4.2	ng/ul	95206	4	17.260	455109	20.0
Phenanthrene, 3...	19.058	4.0	ng/ul	91828	4	17.260	455109	20.0
Cyclopenta(def)...	19.199	2.9	ng/ul	66699	4	17.260	455109	20.0
11H-Benzo[b]flu...	20.004	2.0	ng/ul	106827	5	21.514	1045080	20.0
Pyrene, 1-methyl-	20.174	2.5	ng/ul	133317	5	21.514	1045080	20.0
Pyrene, 4-methyl-	20.333	2.2	ng/ul	114511	5	21.514	1045080	20.0
benzenamine, 4-...	21.191	2.8	ng/ul	146977	5	21.514	1045080	20.0
11H-Benzo[a]flu...	21.255	2.3	ng/ul	118881	5	21.514	1045080	20.0
Hexadecanamide	22.924	2.2	ng/ul	112947	5	21.514	1045080	20.0
Perylene	24.317	3.3	ng/ul	88707	6	24.604	534557	20.0