LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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: BG061415.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	9	14	42	rVB	345594	586035	38.29%	3.137%
2	3.740	123	128	138	rBV3	12268	23008	1.50%	0.123%
3	3.851	143	147	154	rVB	9800	13552	0.89%	0.073%
4	7.059	688	693	700	rVB2	21645	35278	2.30%	0.189%
5	7.200	711	717	723	rBV2	13164	20918	1.37%	0.112%
6	7.412	745	753	758	rBV2	19557	31372	2.05%	0.168%
7	7.870	825	831	839	rBB	116592	188574	12.32%	1.010%
8	8.593	949	954	961	rVB2	21533	36698	2.40%	0.196%
9	9.027	1022	1028	1035	rBV	20871	33561	2.19%	0.180%
10	9.750	1144	1151	1157	rBV	18016	29519	1.93%	0.158%
11	10.302	1239	1245	1252	rBV2	24685	43763	2.86%	0.234%
12	10.667	1298	1307	1313	rBV	157556	275234	17.98%	1.473%
13	10.714	1313	1315	1321	rVV	15078	19634	1.28%	0.105%
14	10.802	1324	1330	1339	rVB4	6800	13231	0.86%	0.071%
15	11.401	1428	1432	1443	rBB3	6884	13765	0.90%	0.074%
16	12.330	1584	1590	1597	rBV	11849	16685	1.09%	0.089%
17	13.828	1840	1845	1851	rBV3	10515	16720	1.09%	0.090%
18	13.916	1855	1860	1865	rVB	52861	73863	4.83%	0.395%
19	14.198	1902	1908	1913	rBV2	57721	95159	6.22%	0.509%
20	14.509	1952	1961	1967	rBV	283296	430437	28.12%	2.304%
21	14.574	1967	1972	1978	rVV	24215	38122	2.49%	0.204%
22	14.727	1988	1998	2010	rBV	168814	400686	26.18%	2.145%
23	14.909	2024	2029	2035	rVB	34265	49810	3.25%	0.267%
24	15.502	2123	2130	2135	rVV	77547	116388	7.60%	0.623%
25	15.555	2135	2139	2148	rVV	42691	68372	4.47%	0.366%
26	15.649	2150	2155	2158	rBV3	10897	15862	1.04%	0.085%
27	15.855	2184	2190	2196	rVB	21642	35302	2.31%	0.189%
28	16.002	2209	2215	2223	rVB	23379	46551	3.04%	0.249%
29	16.237	2246	2255	2265	rVB7	9479	21918	1.43%	0.117%
30	16.566	2308	2311	2316	rVV3	12885	21175	1.38%	0.113%
31	16.795	2342	2350	2353	rBV3	16245	28664	1.87%	0.153%
32	16.912	2365	2370	2376	rVB	42741	65309	4.27%	0.350%
33	16.989	2376	2383	2385	rBV3	15721	25506	1.67%	0.137%
34	17.077	2390	2398	2402	rBV	30465	45563	2.98%	0.244%
35	17.259	2423	2429	2432	rVV	380352	556445	36.36%	2.979%
36	17.300	2432	2436	2442	rVV	591463	892663	58.32%	4.779%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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	17.359	2442	2446	2449	rVV	98018	153290	10.02%	0.821%
38	17.388	2449	2451	2457	rVV	88359	119723	7.82%	0.641%
39	17.447	2457	2461	2467	rVB3	17397	30952	2.02%	0.166%
40	17.570	2479	2482	2489	rVB4	9217	14113	0.92%	0.076%
41	17.664	2489	2498	2502	rBV2	56690	105928	6.92%	0.567%
42	17.776	2511	2517	2521	rVB3	17260	25945	1.70%	0.139%
43	17.847	2523	2529	2532	rBV3	17525	28818	1.88%	0.154%
44	17.941	2536	2545	2549	rBV9	7649	21222	1.39%	0.114%
45	18.134	2569	2578	2582	rBV	101206	158457	10.35%	0.848%
46	18.187	2582	2587	2592	rVB	134523	199236	13.02%	1.067%
47	18.264	2595	2600	2605	rBV	31647	46931	3.07%	0.251%
48	18.334	2605	2612	2615	rBV2	111766	212612	13.89%	1.138%
49	18.369	2615	2618	2626	rVB	67509	95001	6.21%	0.509%
50	18.446	2626	2631	2634	rBV5	19283	29154	1.90%	0.156%
51	18.487	2634	2638	2641	rBV3	12995	15519	1.01%	0.083%
52	18.534	2642	2646	2649	rVB6	8734	13141	0.86%	0.070%
53	18.634	2658	2663	2667	rBV	69034	87594	5.72%	0.469%
54	18.681	2667	2671	2678	rVB	89676	127580	8.34%	0.683%
55	18.881	2696	2705	2709	rBV4	39445	77390	5.06%	0.414%
56	18.934	2709	2714	2717	rBV2	29773	36031	2.35%	0.193%
57	18.969	2717	2720	2725	rVB2	24809	33159	2.17%	0.178%
58	19.051	2729	2734	2740	rBV3	55628	117136	7.65%	0.627%
59	19.145	2748	2750	2754	rVB	37229	40389	2.64%	0.216%
60	19.198	2754	2759	2766	rBV3	76423	133137	8.70%	0.713%
61	19.321	2773	2780	2786	rVB	1046719	1438216	93.97%	7.700%
62	19.374	2786	2789	2793	rBV3	31738	45302	2.96%	0.243%
63	19.415	2793	2796	2800	rVB2	32742	40614	2.65%	0.217%
64	19.468	2801	2805	2808	rBV2	25000	31413	2.05%	0.168%
65	19.521	2809	2814	2817	rBV2	25740	42249	2.76%	0.226%
66	19.562	2818	2821	2824	rVB	24063	31561	2.06%	0.169%
67	19.650	2830	2836	2838	rBV3	282715	423856	27.69%	2.269%
68	19.680	2838	2841	2849	rVV	828134	1186972	77.55%	6.354%
69	19.750	2849	2853	2859	rVB2	72915	120033	7.84%	0.643%
70	19.856	2867	2871	2878	rVB	62911	103190	6.74%	0.552%
71	19.921	2878	2882	2887	rVB2	58435	84582	5.53%	0.453%
72	20.003	2890	2896	2903	rBV4	81403	230546	15.06%	1.234%
73	20.091	2908	2911	2915	rVV	52726	75627	4.94%	0.405%
74	20.138	2915	2919	2922	rVV3	62185	125563	8.20%	0.672%
75	20.173	2922	2925	2930	rVB	118743	171450	11.20%	0.918%
76	20.273	2938	2942	2946	rBV	58683	79190	5.17%	0.424%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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	20.332	2946	2952	2956	rVV2	116840	202889	13.26%	1.086%
78	20.408	2963	2965	2970	rBV2	24698	32894	2.15%	0.176%
79	20.473	2972	2976	2979	rVV	62580	84022	5.49%	0.450%
80	20.520	2980	2984	2988	rVB2	60812	88066	5.75%	0.471%
81	20.620	2998	3001	3007	rVB4	65479	102647	6.71%	0.550%
82	20.731	3016	3020	3022	rBV5	23805	37769	2.47%	0.202%
83	20.931	3049	3054	3061	rVB	164879	227960	14.89%	1.220%
84	21.102	3078	3083	3087	rBV2	91267	169703	11.09%	0.909%
85	21.149	3087	3091	3094	rVV	90838	133236	8.71%	0.713%
86	21.196	3095	3099	3104	rVV2	96293	204625	13.37%	1.095%
87	21.254	3105	3109	3118	rVB	150576	257451	16.82%	1.378%
88	21.507	3145	3152	3157	rBV4	626252	1530549	100.00%	8.194%
89	21.560	3157	3161	3174	rVB	483896	831951	54.36%	4.454%
90	21.707	3182	3186	3191	rBV2	41983	77521	5.06%	0.415%
91	21.771	3194	3197	3202	rVV4	30626	58012	3.79%	0.311%
92	21.907	3215	3220	3225	rBV2	75629	141891	9.27%	0.760%
93	22.218	3269	3273	3279	rVB	87730	154713	10.11%	0.828%
94	22.288	3281	3285	3292	rVB3	67475	129376	8.45%	0.693%
95	23.628	3505	3513	3520	rBV2	342654	1088261	71.10%	5.826%
96	23.875	3550	3555	3562	rVB2	61837	128358	8.39%	0.687%
97	24.315	3623	3630	3638	rBV2	179235	468576	30.61%	2.509%
98	24.456	3648	3654	3666	rVB	282819	735899	48.08%	3.940%
99	24.603	3671	3679	3686	rBV2	259840	687515	44.92%	3.681%
100	28.111	4267	4276	4295	rVB3	112068	527235	34.45%	2.823%

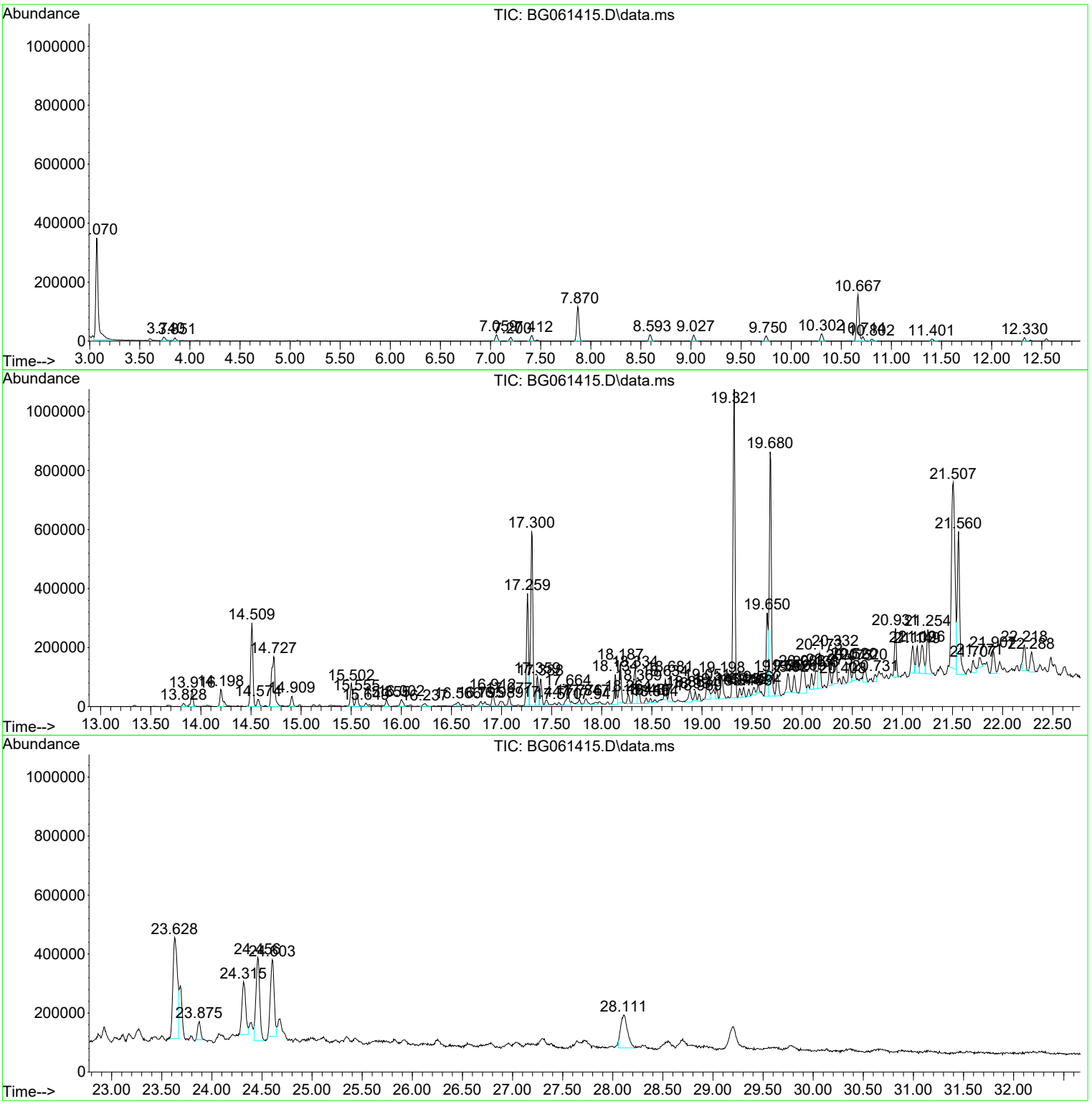
Sum of corrected areas: 18679283

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

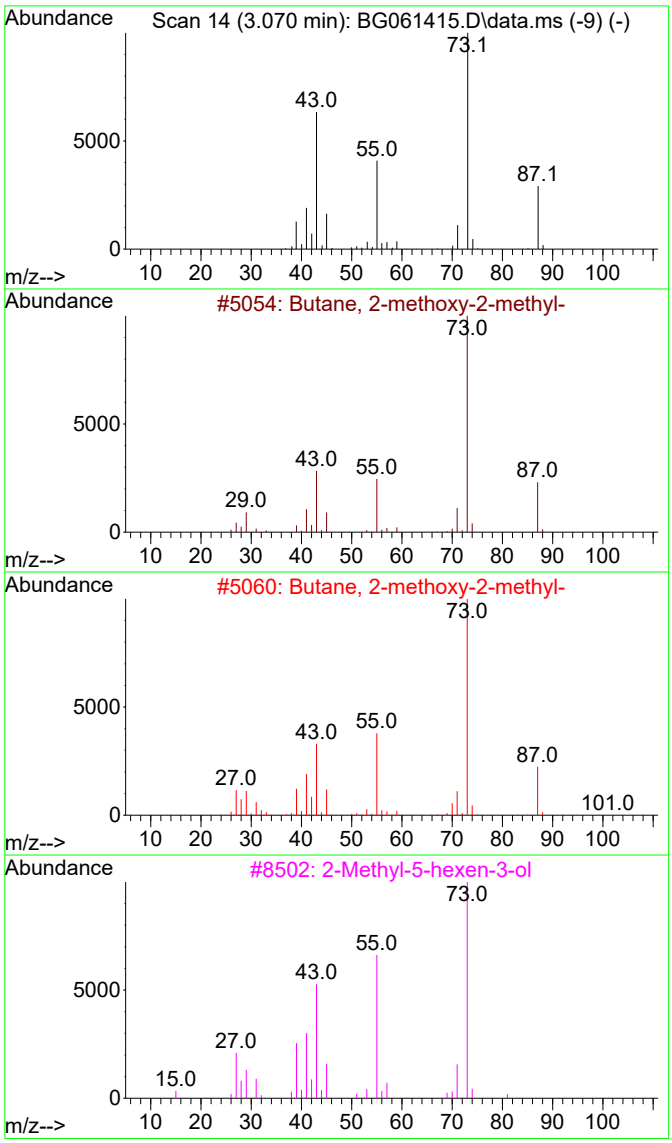
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

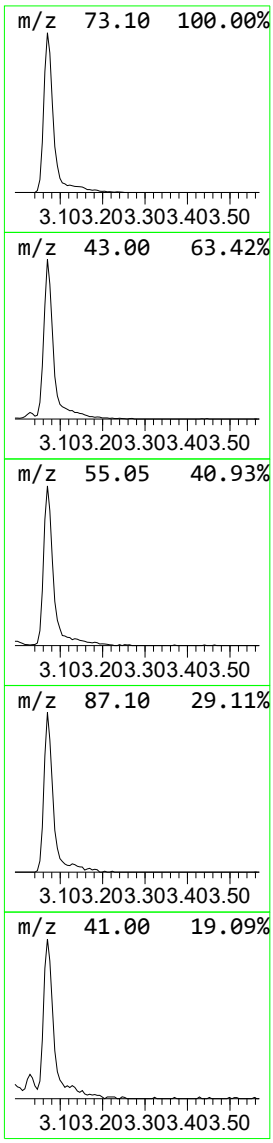
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	62.15 ng/ul	586035	1,4-Dichlorobenzene-d4	7.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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

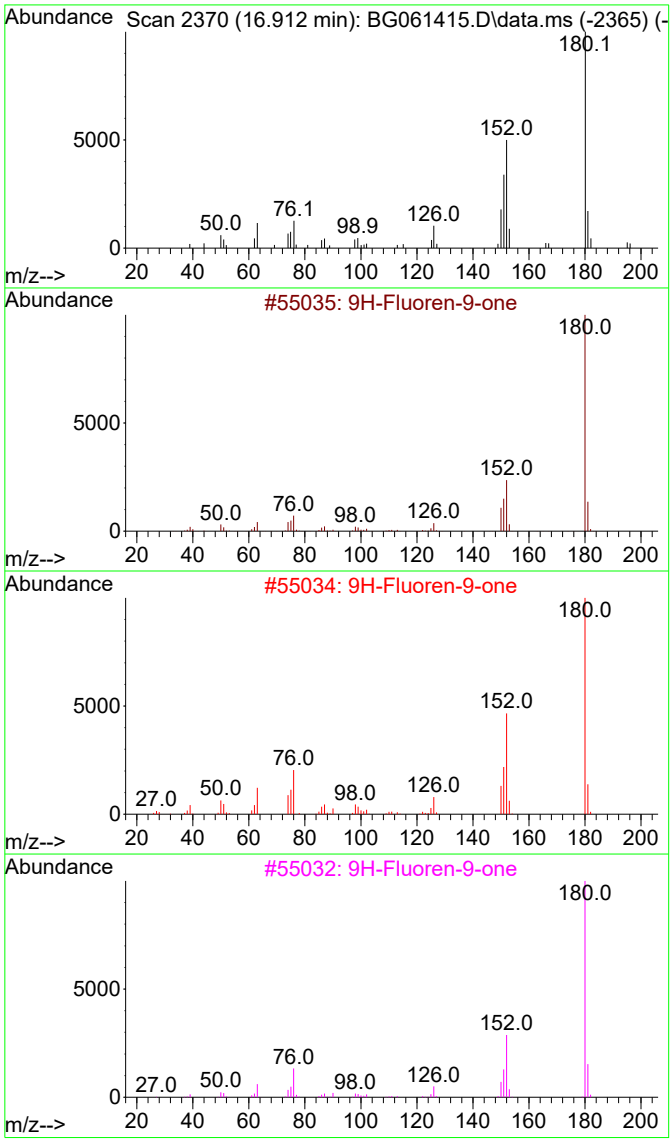
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

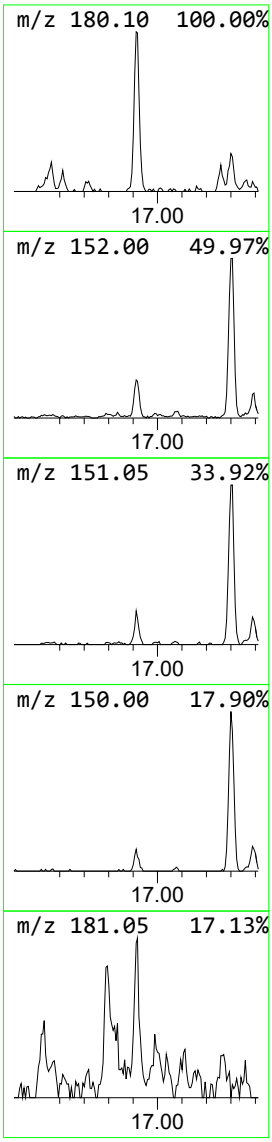
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.912	2.35 ng/ul	65309	Phenanthrene-d10	17.259

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	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

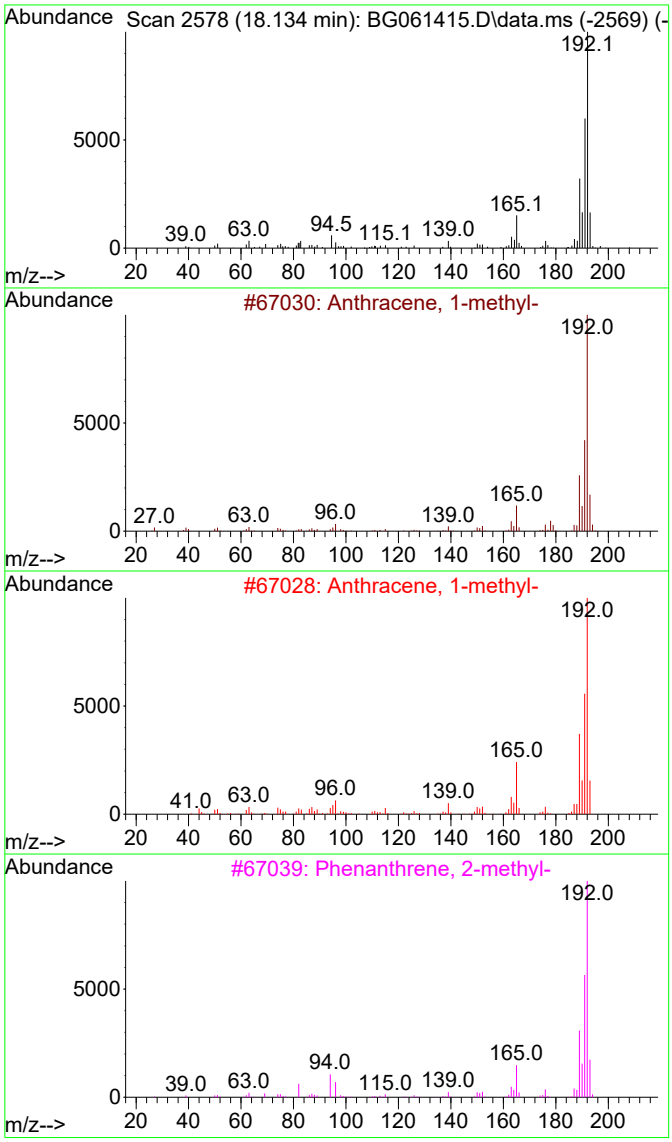
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

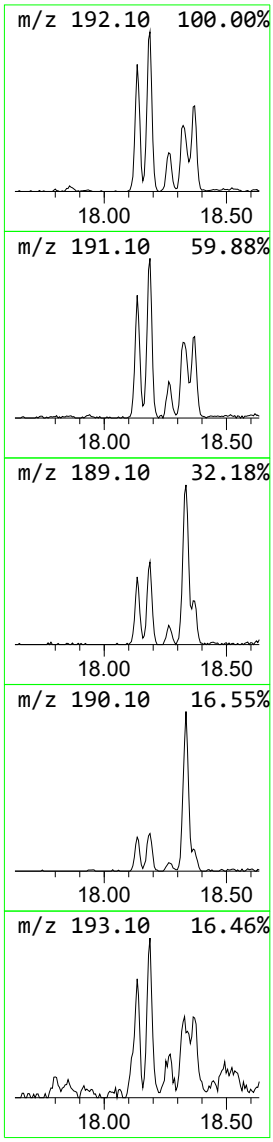
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	5.70 ng/ul	158457	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

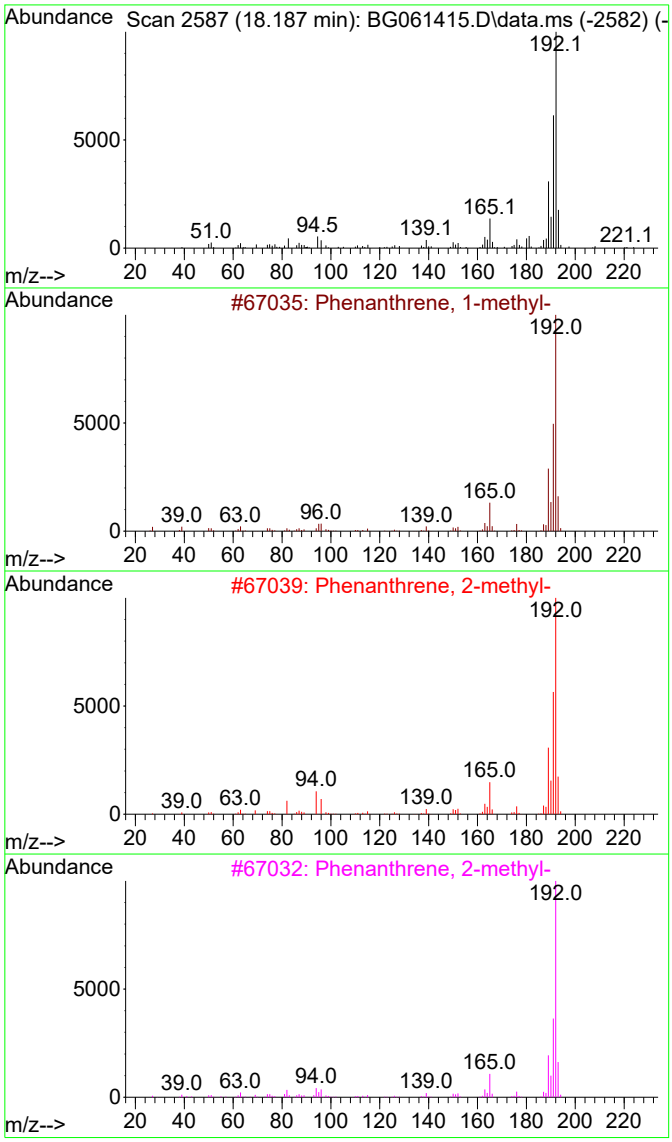
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

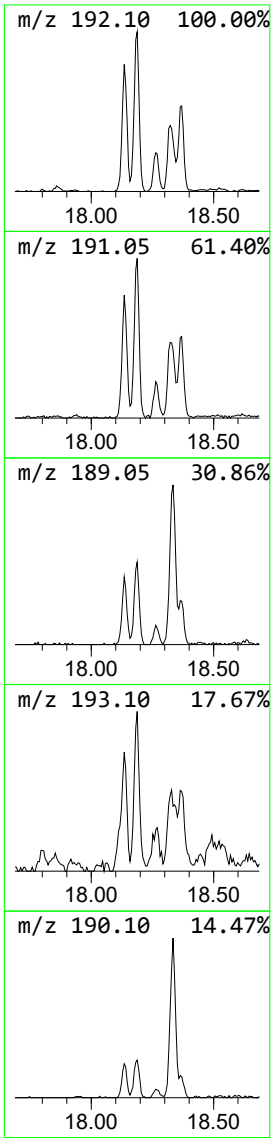
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	7.16 ng/ul	199236	Phenanthrene-d10	17.259

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

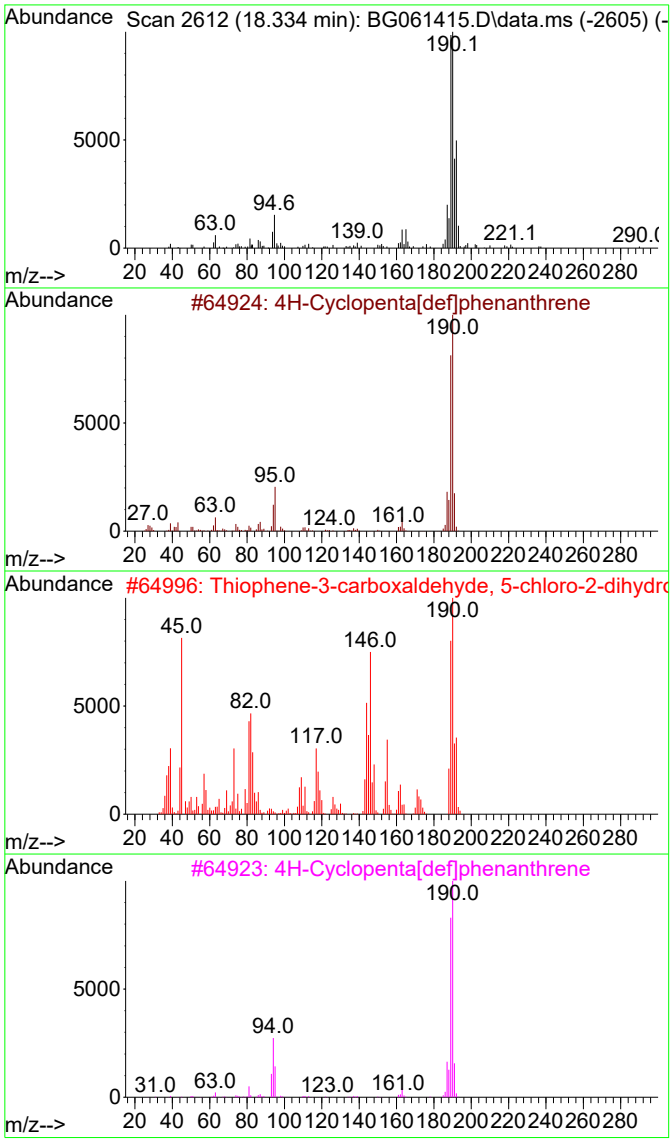
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

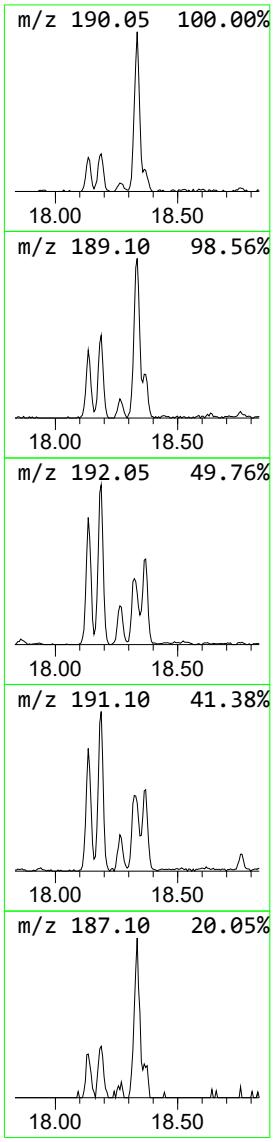
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	7.64 ng/ul	212612	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42





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Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

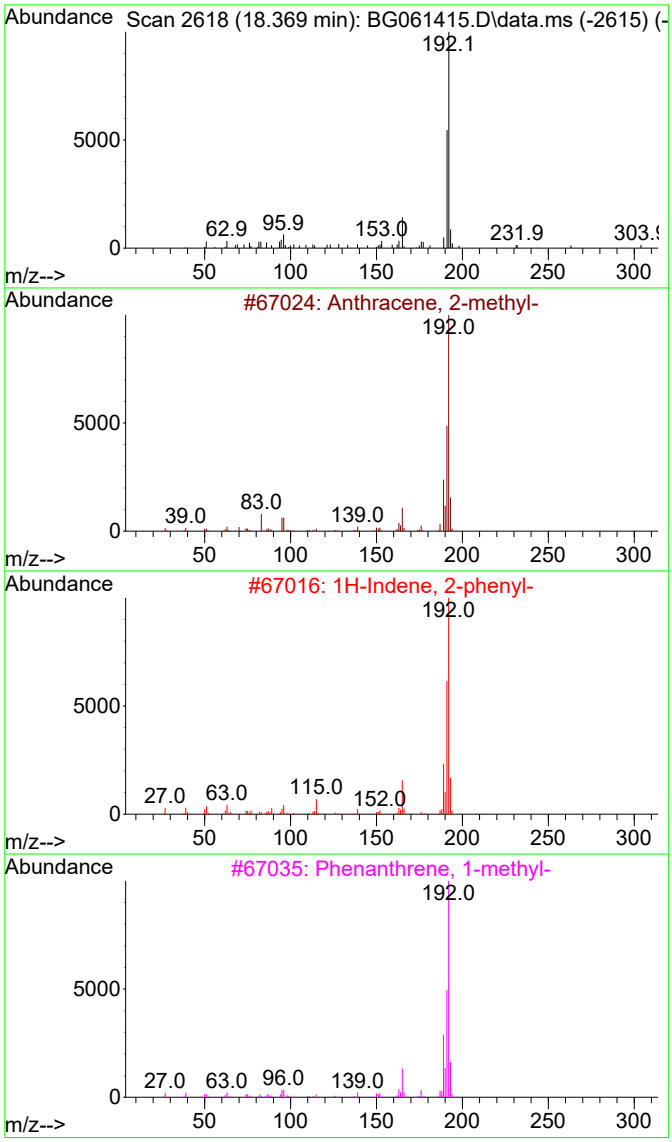
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

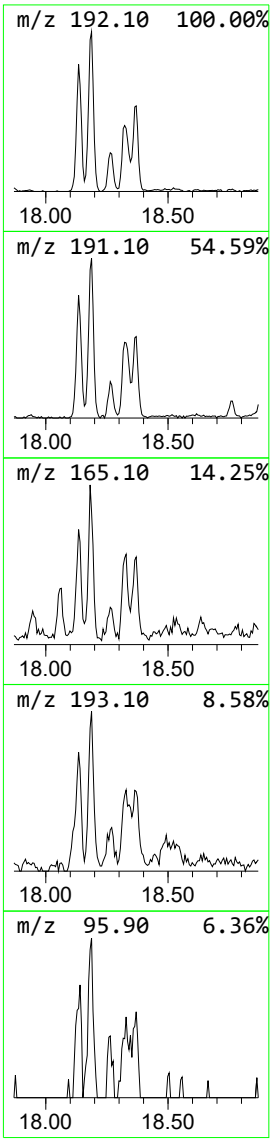
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.41 ng/ul	95001	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

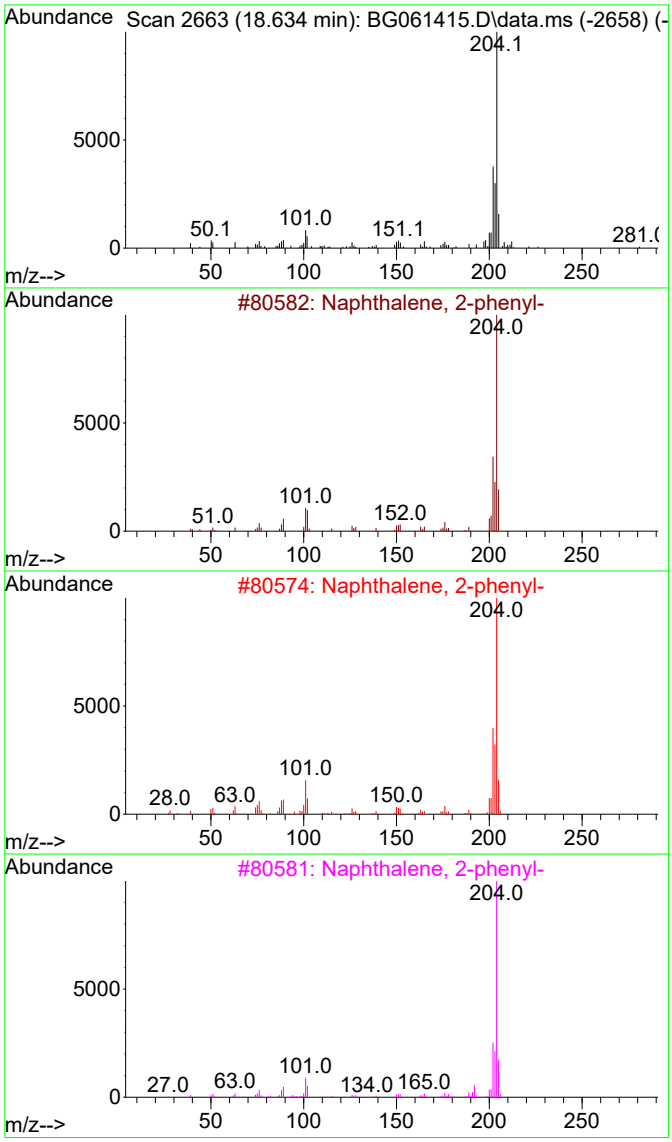
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

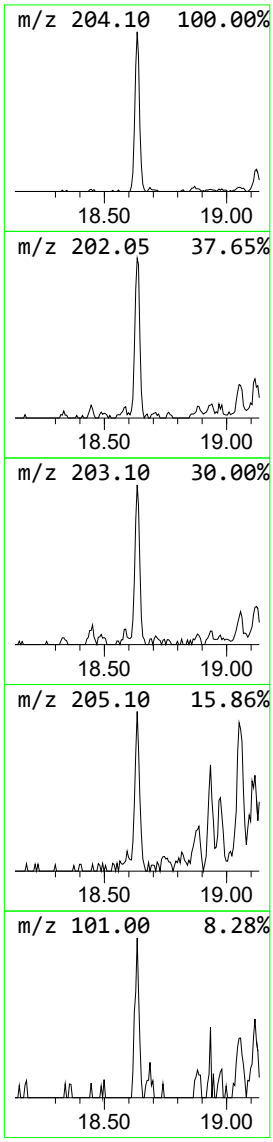
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	3.15 ng/ul	87594	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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Quant Title : SVOA CALIBRATION

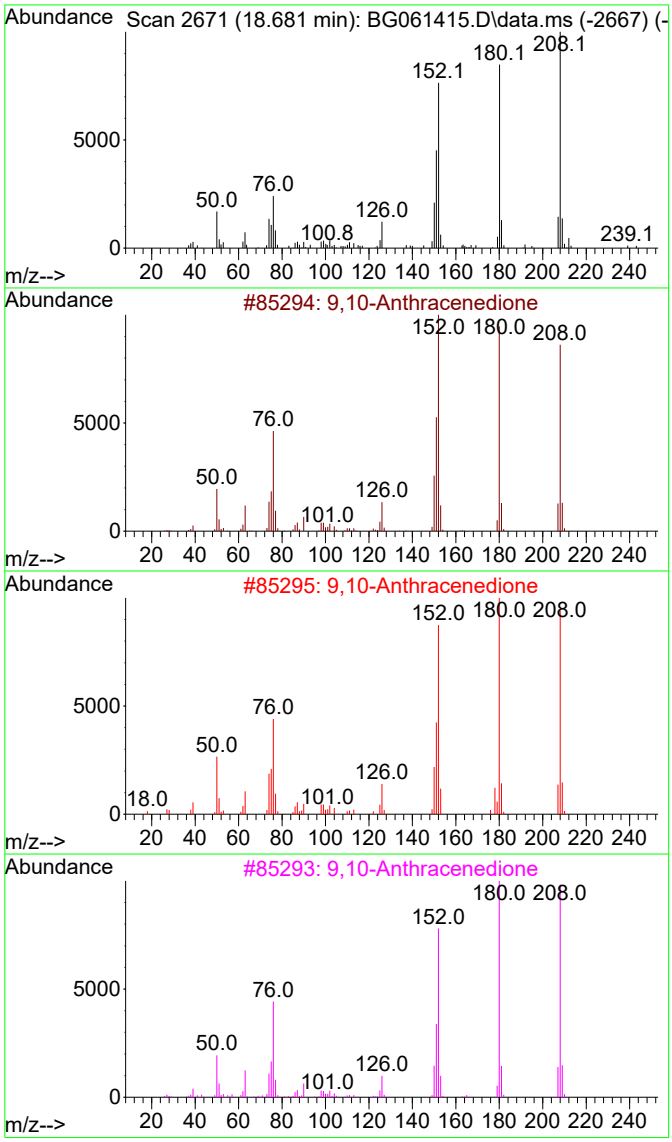
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

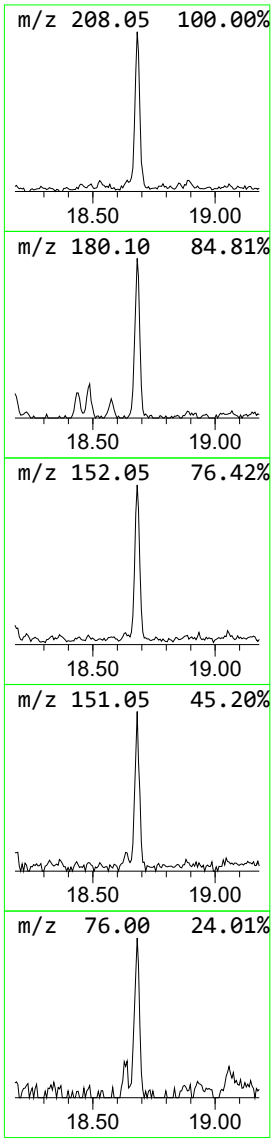
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	4.59 ng/ul	127580	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76





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Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

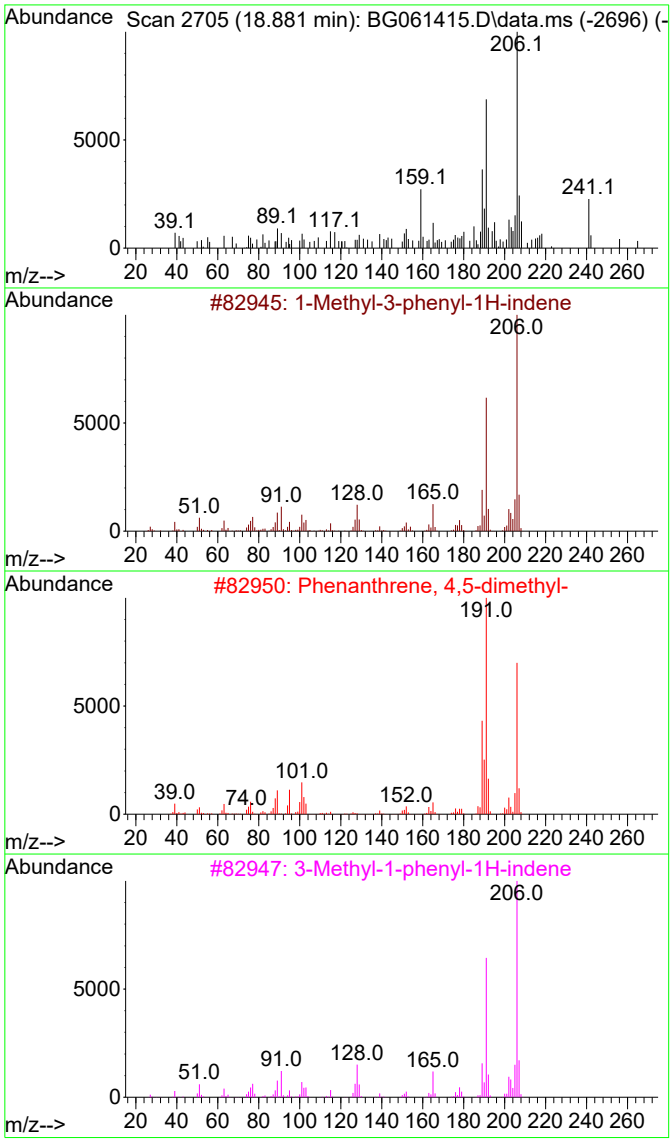
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

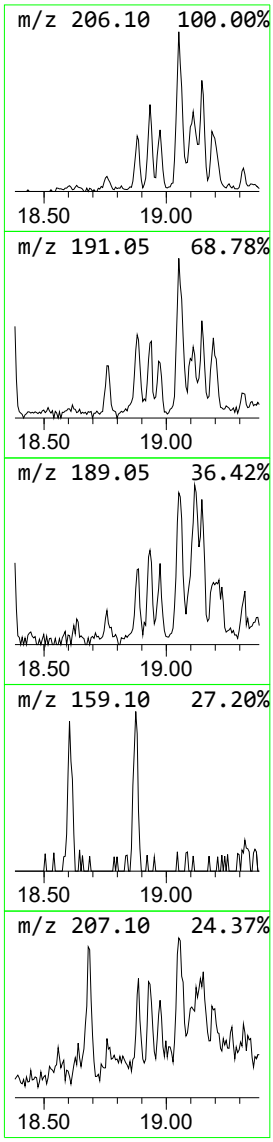
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Methyl-3-phenyl-1H-indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	2.78 ng/ul	77390	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	70
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	70
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64





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Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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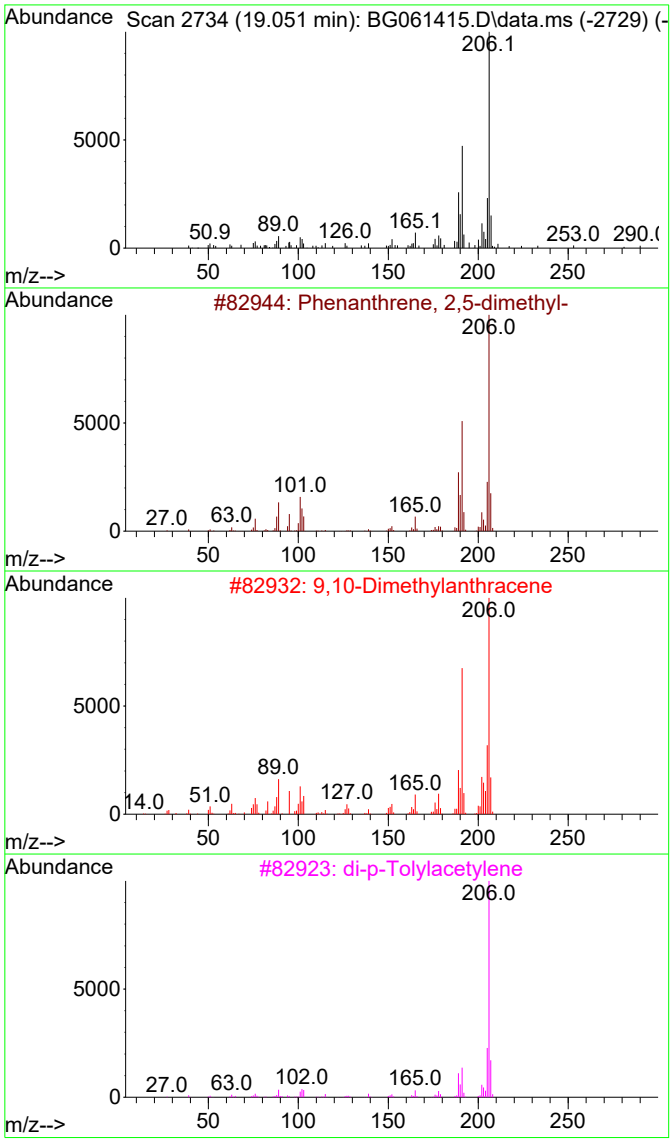
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

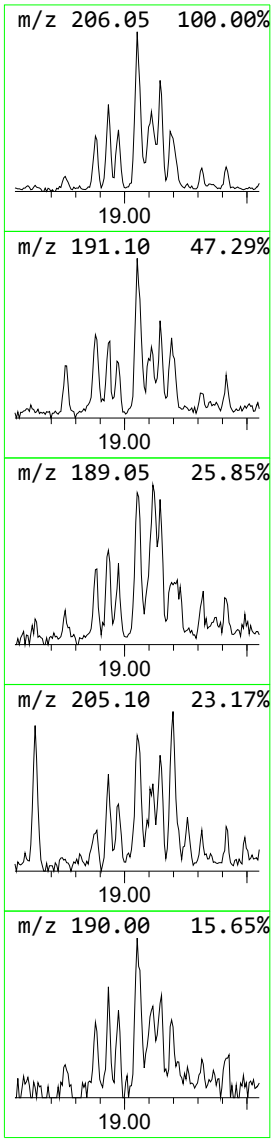
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	4.21 ng/ul	117136	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





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Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

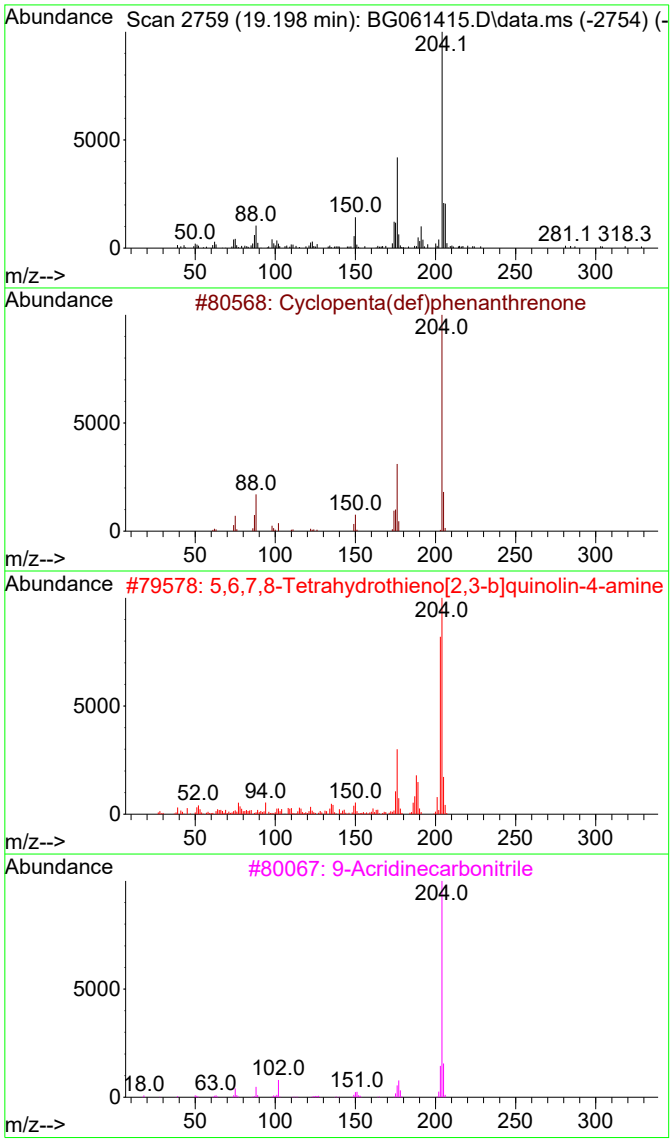
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

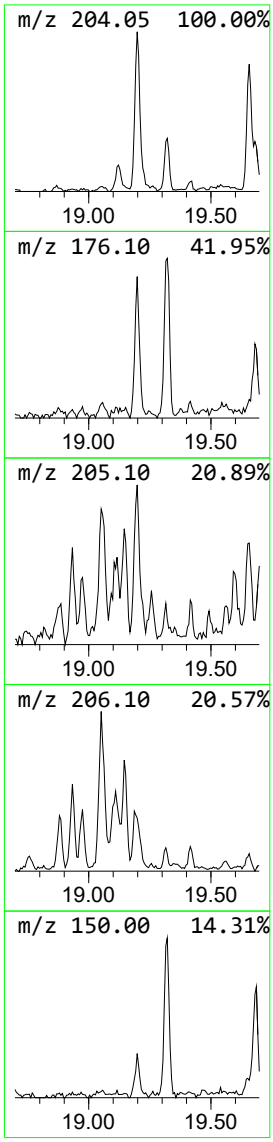
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	4.79 ng/ul	133137	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

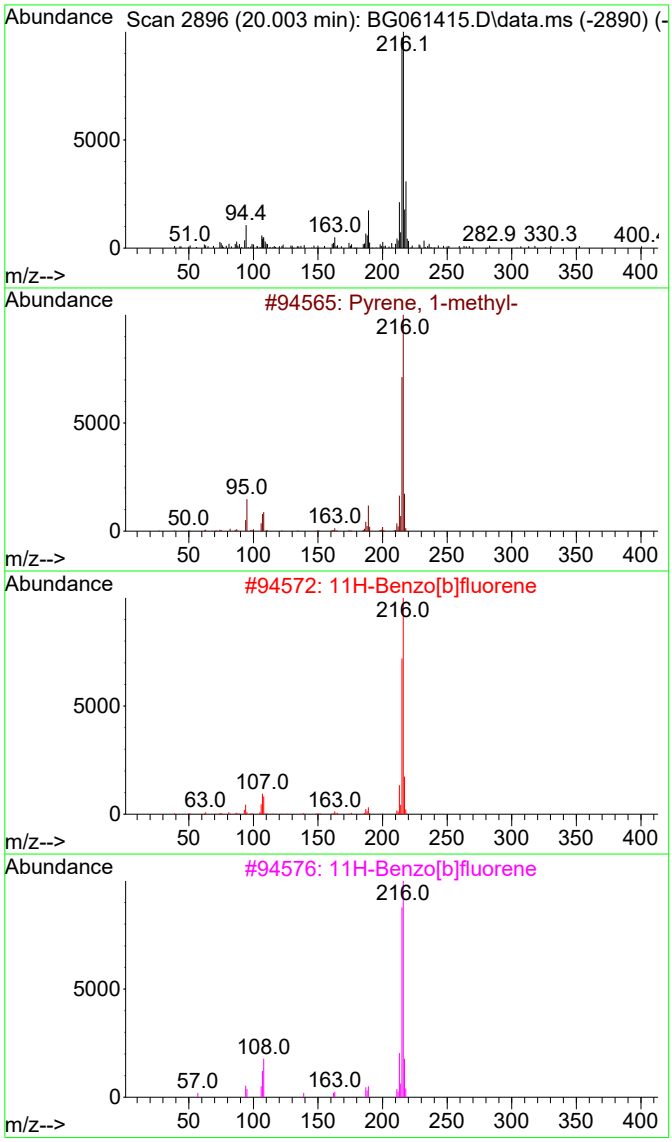
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

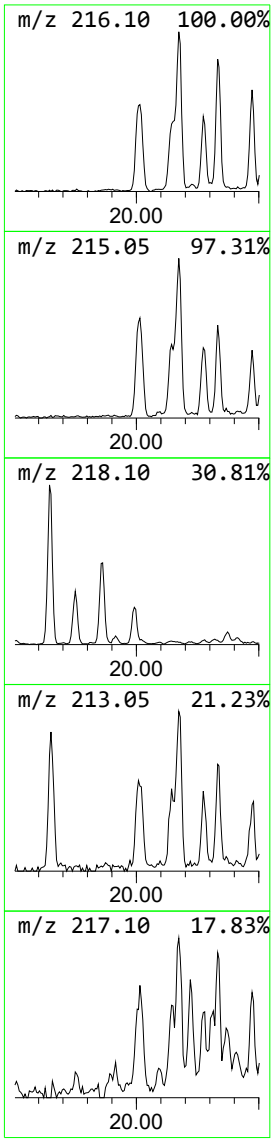
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	3.01 ng/ul	230546	Chrysene-d12	21.513

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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

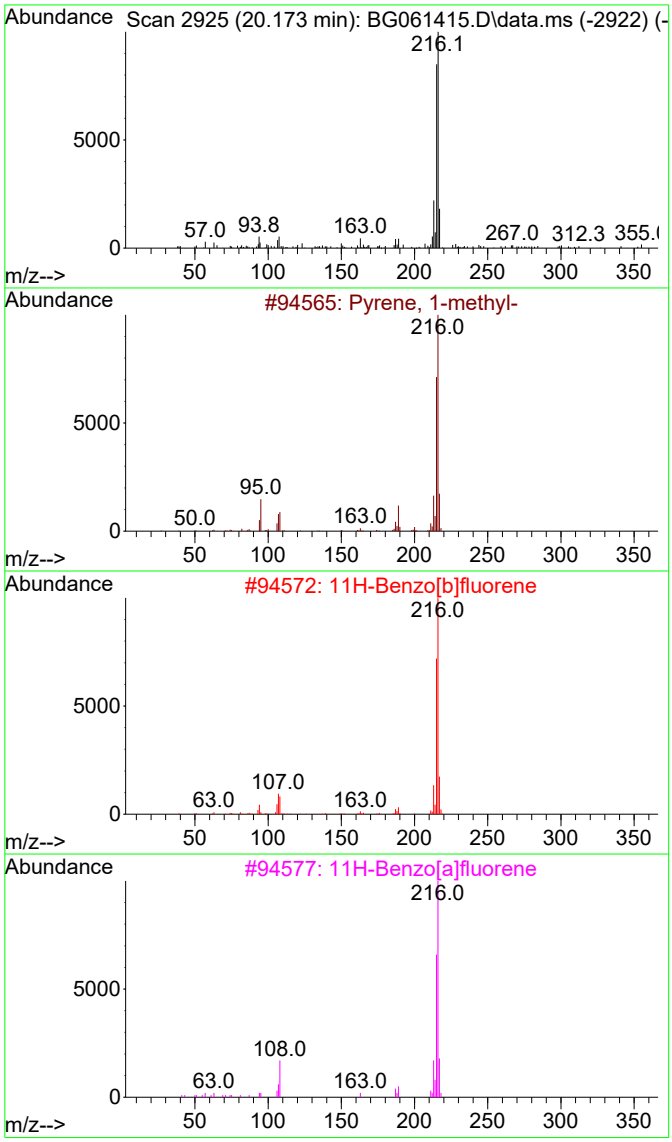
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

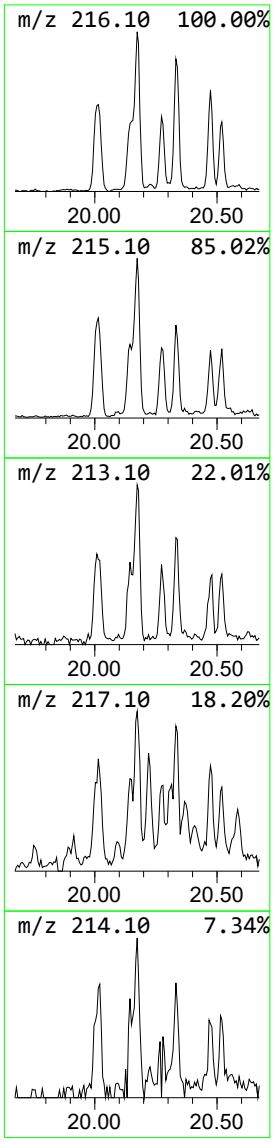
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.173	2.24 ng/ul	171450	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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

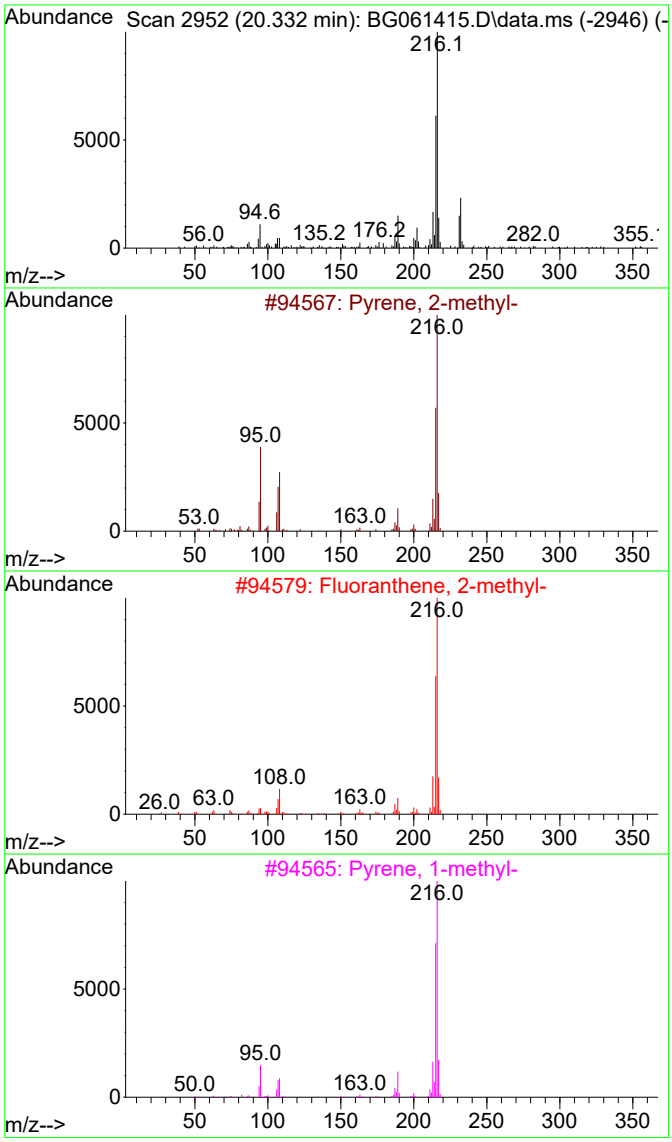
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

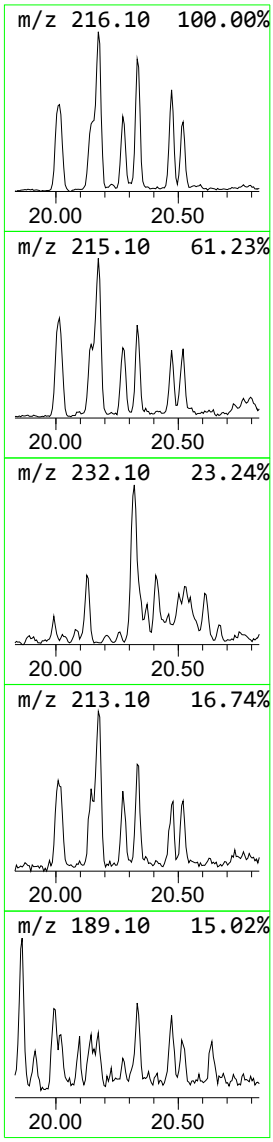
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.332	2.65 ng/ul	202889	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70





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Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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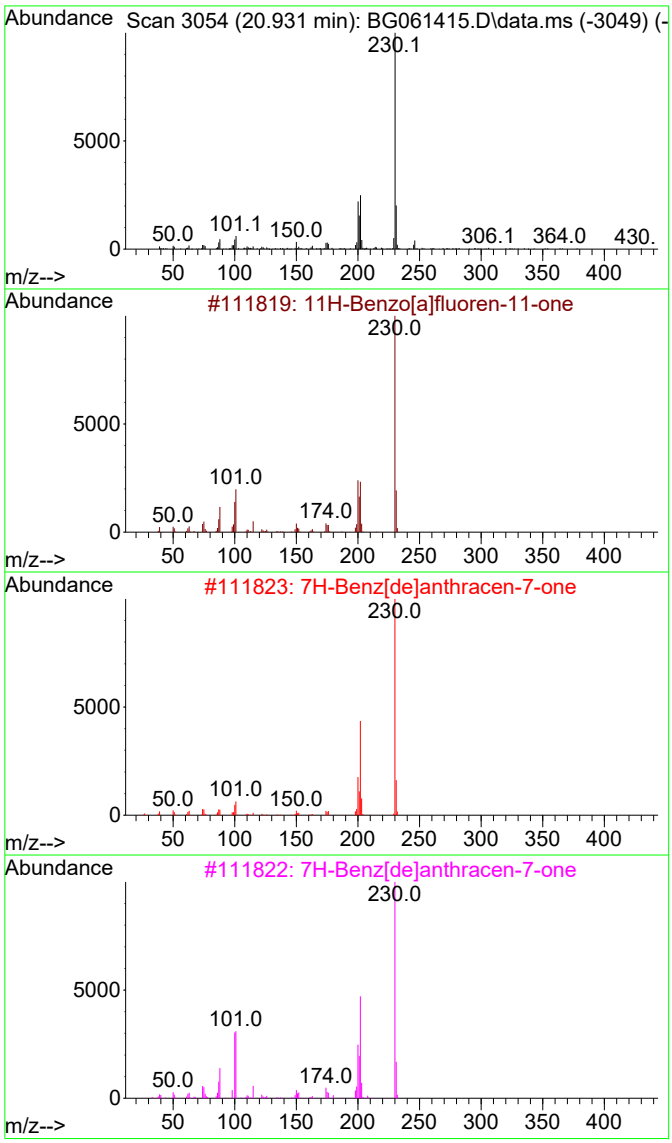
Quant Title : SVOA CALIBRATION

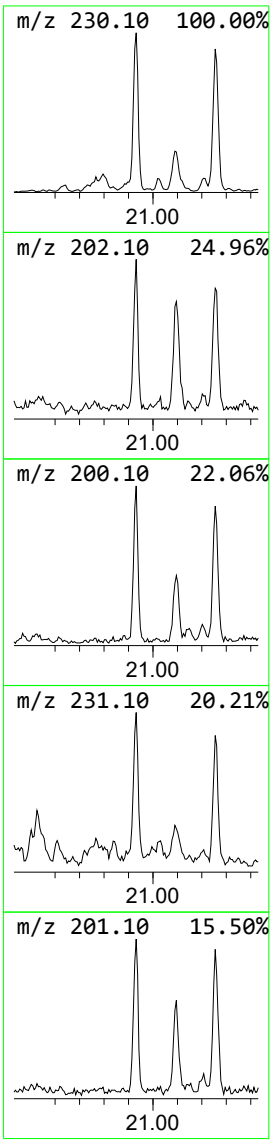
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.931	2.98 ng/ul	227960	Chrysene-d12	21.513

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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	68





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Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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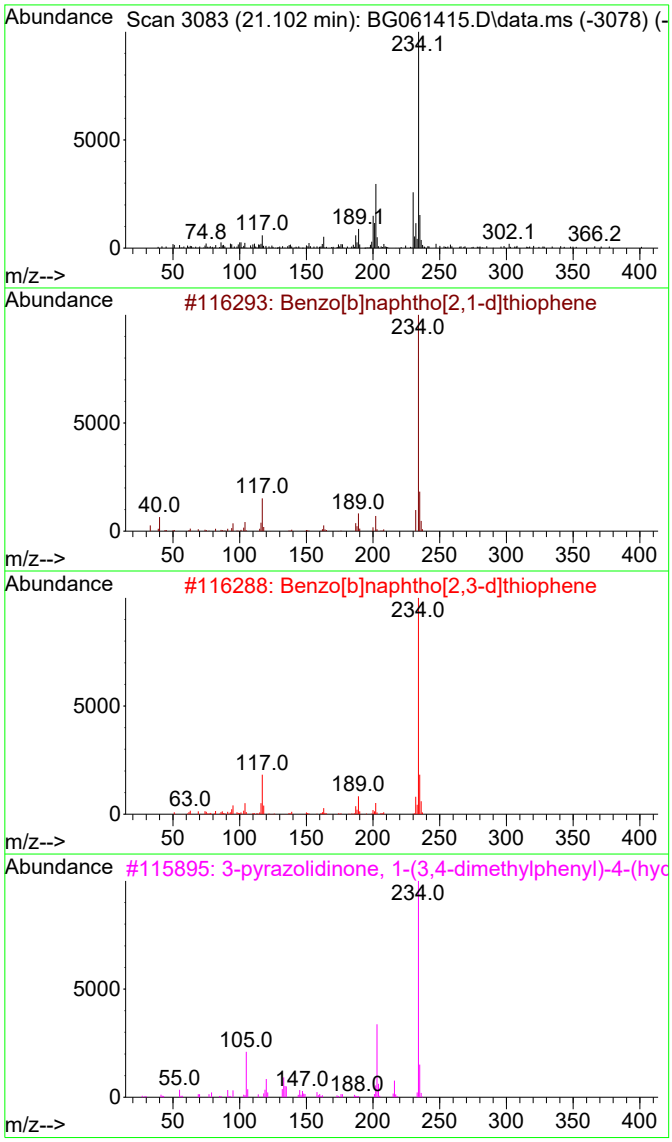
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

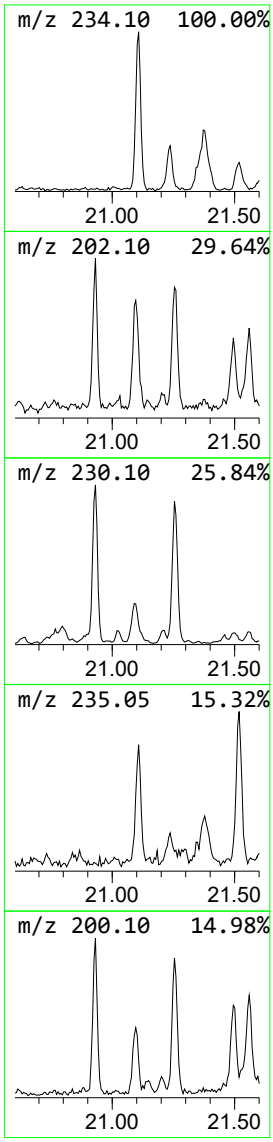
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.102	2.22 ng/ul	169703	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	50
3	3-pyrazolidinone, 1-(3,4-dimethy...	234	C13H18N2O2	1000401-06-7	47
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47
5	3-pyrazolidinone, 1-(3-ethoxyphe...	234	C13H18N2O2	1000396-41-6	43





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Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

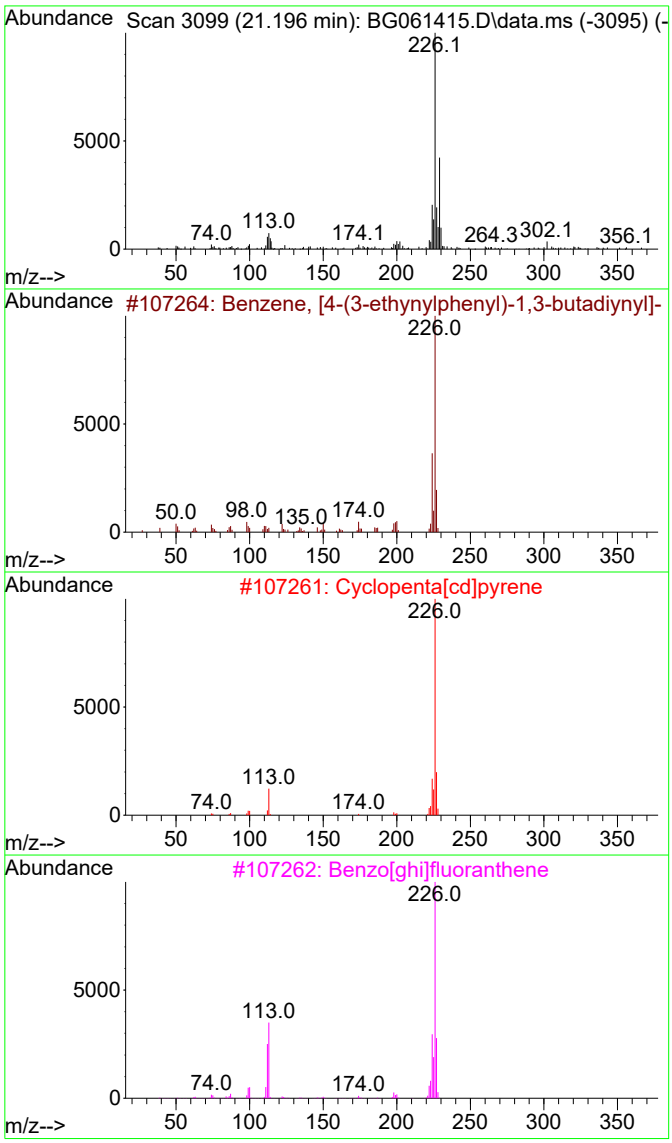
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

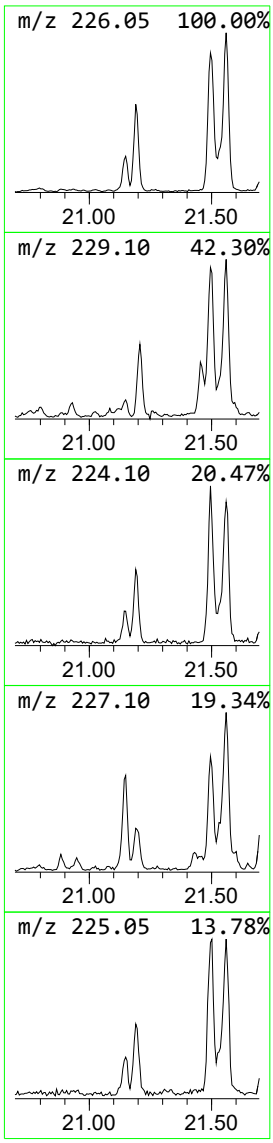
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, [4-(3-ethynylpheny... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.196	2.67 ng/ul	204625	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	55
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38
5	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

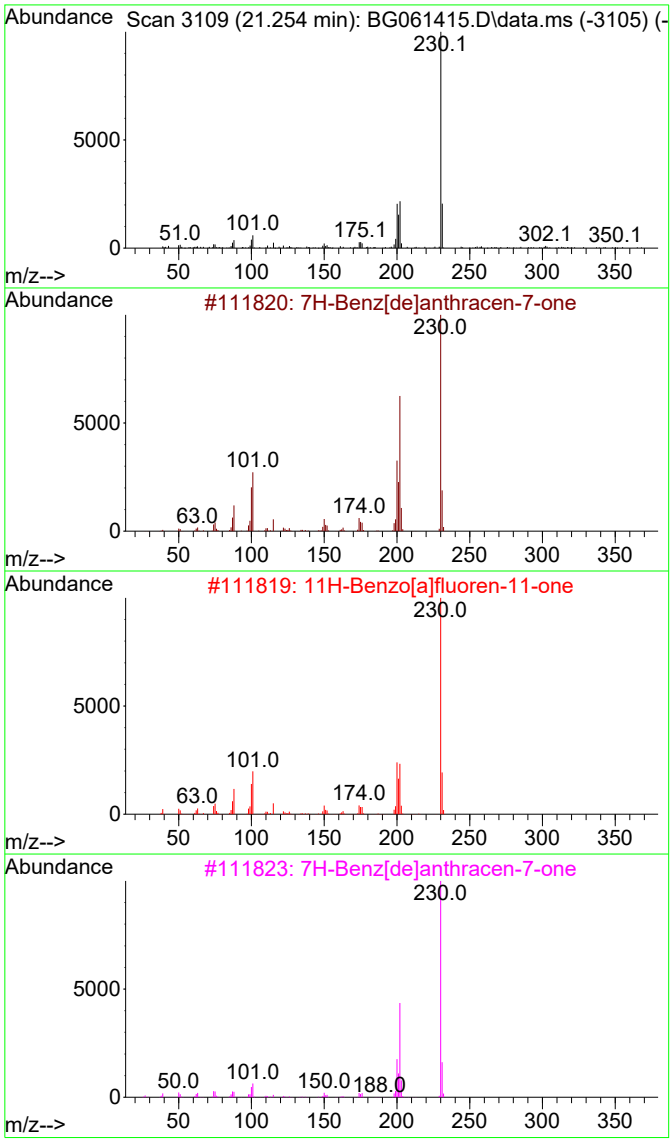
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

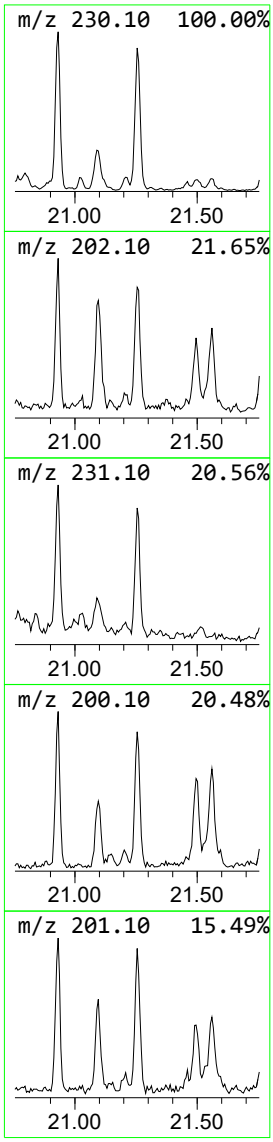
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.254	3.36 ng/ul	257451	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





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Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

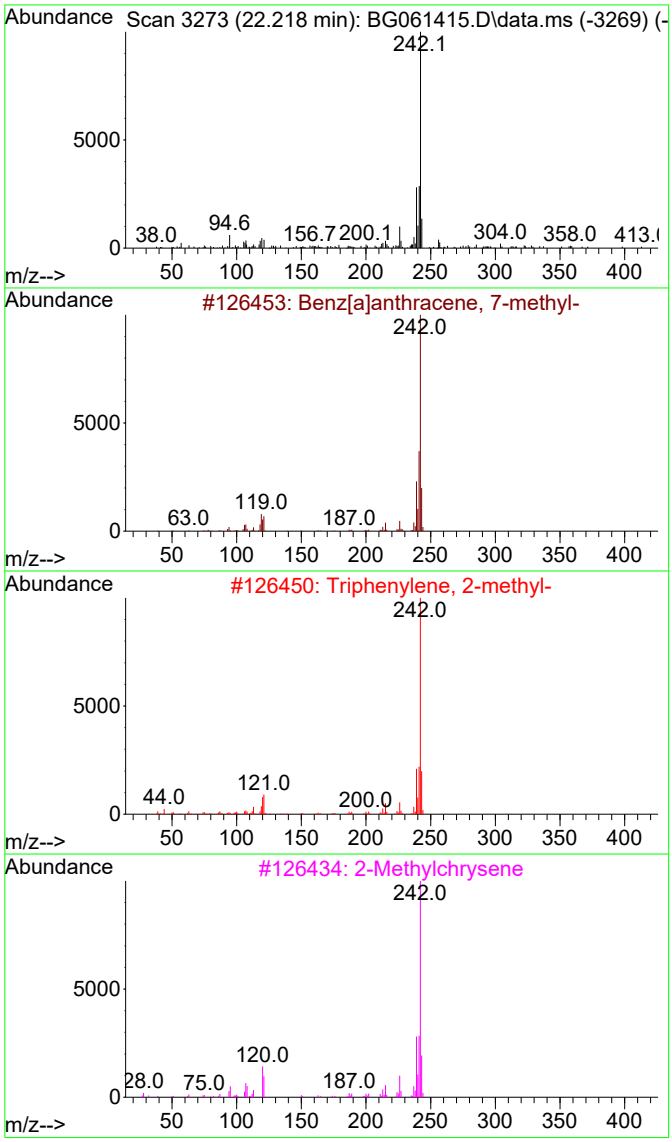
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

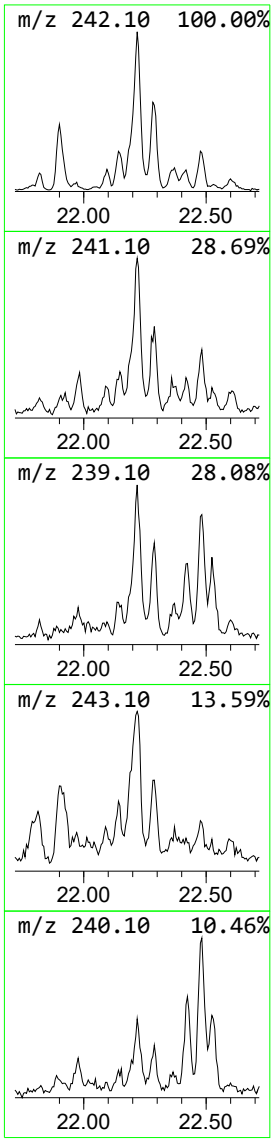
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.218	2.02 ng/ul	154713	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76
3	2-Methylchrysene	242	C19H14	003351-32-4	74
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	62
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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

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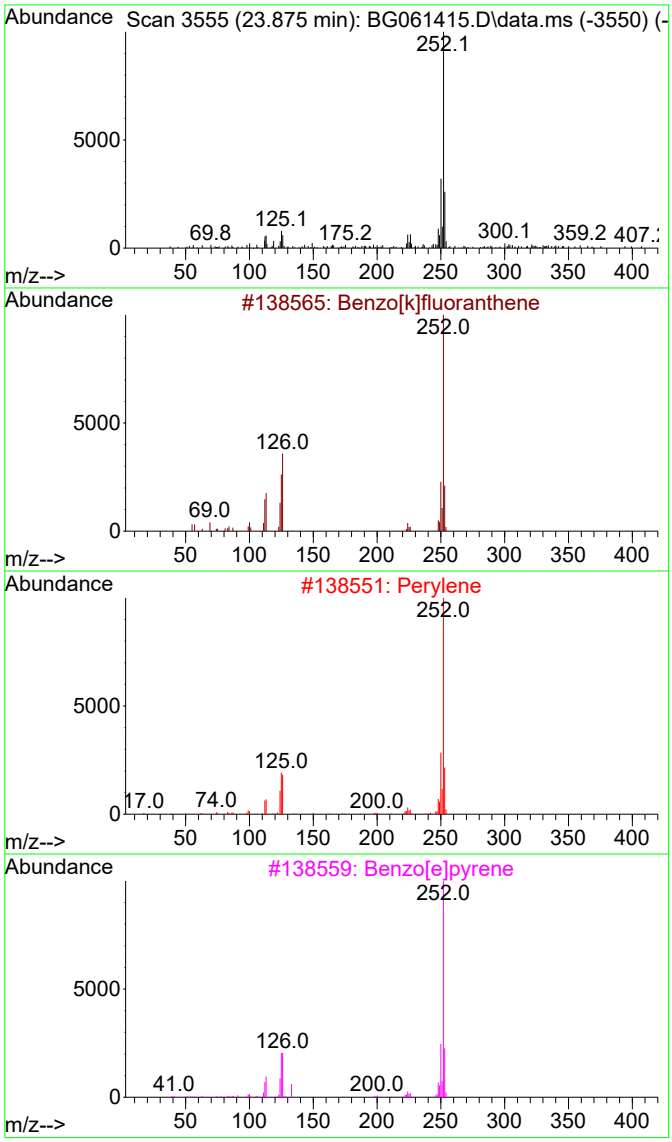
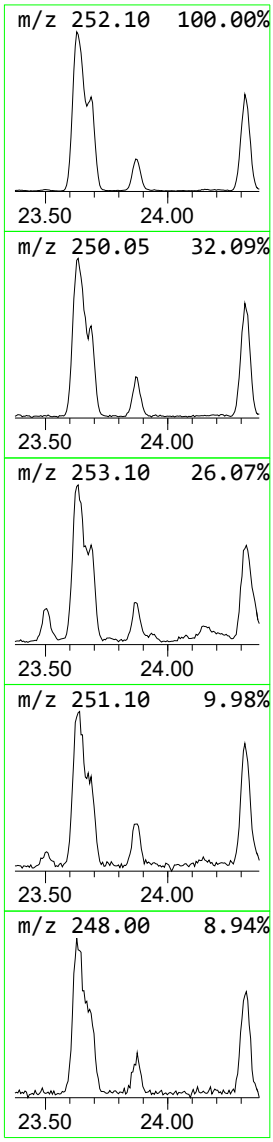
Peak Number 20 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.875	3.73 ng/ul	128358	Perylene-d12	24.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
2	Perylene	252	C20H12	000198-55-0	76
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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

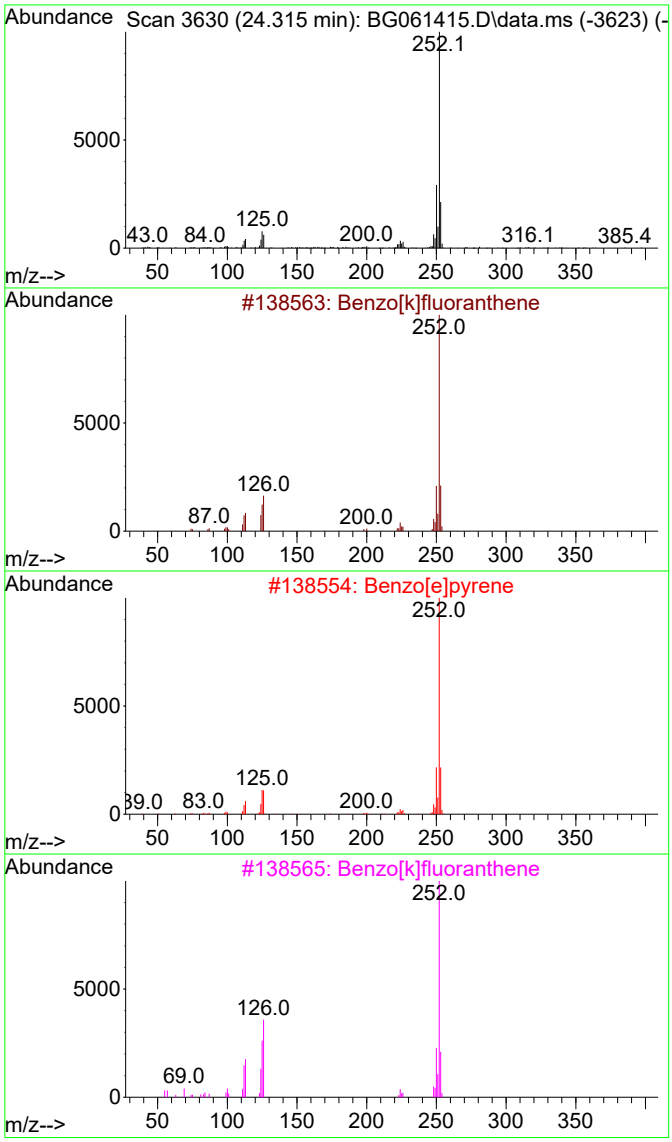
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

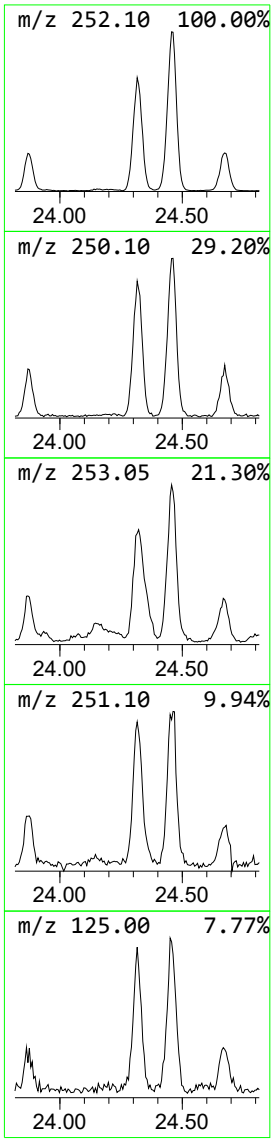
****

Peak Number 21 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.316	13.63 ng/ul	468576	Perylene-d12	24.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061415.D
Acq On : 1 Jun 2024 6:32
Operator : MA/JU
Sample : P2549-23DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

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...	3.070	62.1	ng/ul	586035	1	7.870	188574	20.0
9H-Fluoren-9-one	16.912	2.4	ng/ul	65309	4	17.259	556445	20.0
Anthracene, 1-m...	18.134	5.7	ng/ul	158457	4	17.259	556445	20.0
Phenanthrene, 1...	18.187	7.2	ng/ul	199236	4	17.259	556445	20.0
4H-Cyclopenta[d...	18.334	7.6	ng/ul	212612	4	17.259	556445	20.0
Anthracene, 2-m...	18.369	3.4	ng/ul	95001	4	17.259	556445	20.0
Naphthalene, 2-...	18.634	3.1	ng/ul	87594	4	17.259	556445	20.0
9,10-Anthracene...	18.681	4.6	ng/ul	127580	4	17.259	556445	20.0
1-Methyl-3-phen...	18.881	2.8	ng/ul	77390	4	17.259	556445	20.0
Phenanthrene, 2...	19.051	4.2	ng/ul	117136	4	17.259	556445	20.0
Cyclopenta(def)...	19.198	4.8	ng/ul	133137	4	17.259	556445	20.0
Pyrene, 1-methyl-	20.003	3.0	ng/ul	230546	5	21.513	1530550	20.0
11H-Benzo[b]flu...	20.173	2.2	ng/ul	171450	5	21.513	1530550	20.0
Pyrene, 2-methyl-	20.332	2.6	ng/ul	202889	5	21.513	1530550	20.0
11H-Benzo[a]flu...	20.931	3.0	ng/ul	227960	5	21.513	1530550	20.0
Benzo[b]naphtho...	21.102	2.2	ng/ul	169703	5	21.513	1530550	20.0
Benzene, [4-(3-...	21.196	2.7	ng/ul	204625	5	21.513	1530550	20.0
7H-Benz[de]anth...	21.254	3.4	ng/ul	257451	5	21.513	1530550	20.0
Benz[a]anthrace...	22.218	2.0	ng/ul	154713	5	21.513	1530550	20.0
Perylene	23.875	3.7	ng/ul	128358	6	24.603	687515	20.0
Benzo[e]pyrene	24.316	13.6	ng/ul	468576	6	24.603	687515	20.0