LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5T2

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: BG061472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.074	8	14	44	rVB	1381219	2241396	100.00%	10.380%
2	3.608	100	105	113	rBV	11815	20362	0.91%	0.094%
3	3.743	121	128	136	rBV2	28178	49479	2.21%	0.229%
4	3.855	142	147	154	rVB2	12272	18623	0.83%	0.086%
5	7.063	687	693	702	rVB	96234	162664	7.26%	0.753%
6	7.204	711	717	724	rBV	58442	95898	4.28%	0.444%
7	7.416	744	753	759	rBV	88231	149525	6.67%	0.692%
8	7.874	825	831	837	rBV	103373	165267	7.37%	0.765%
9	8.597	948	954	961	rBV	99179	167884	7.49%	0.777%
10	9.031	1020	1028	1036	rVB	88531	154219	6.88%	0.714%
11	9.754	1142	1151	1158	rBV	81461	143090	6.38%	0.663%
12	10.306	1238	1245	1253	rBV	118302	210774	9.40%	0.976%
13	10.671	1298	1307	1312	rBV	142250	255776	11.41%	1.185%
14	10.718	1312	1315	1321	rVV	17896	25844	1.15%	0.120%
15	10.806	1323	1330	1338	rVB2	76505	136403	6.09%	0.632%
16	11.411	1426	1433	1444	rBV4	16217	30923	1.38%	0.143%
17	12.333	1581	1590	1597	rVB	20661	34115	1.52%	0.158%
18	13.679	1810	1819	1825	rBV4	8572	20123	0.90%	0.093%
19	13.914	1850	1859	1866	rVV	220089	316693	14.13%	1.467%
20	14.202	1896	1908	1917	rBV	231360	366800	16.36%	1.699%
21	14.513	1950	1961	1967	rBV	227358	361561	16.13%	1.674%
22	14.572	1967	1971	1978	rVB	28704	44988	2.01%	0.208%
23	14.725	1990	1997	1999	rBV6	9645	19604	0.87%	0.091%
24	14.760	1999	2003	2010	rVB2	50979	90033	4.02%	0.417%
25	14.913	2021	2029	2035	rVB	32810	52828	2.36%	0.245%
26	15.506	2123	2130	2135	rBV	315407	454521	20.28%	2.105%
27	15.559	2135	2139	2145	rVB	42570	60993	2.72%	0.282%
28	15.653	2149	2155	2163	rBV	78045	129196	5.76%	0.598%
29	15.859	2186	2190	2197	rVB2	17010	25682	1.15%	0.119%
30	16.006	2210	2215	2222	rVV2	16454	35289	1.57%	0.163%
31	16.241	2247	2255	2260	rVB9	12340	29902	1.33%	0.138%
32	16.799	2344	2350	2354	rVV5	10381	22976	1.03%	0.106%
33	16.840	2354	2357	2361	rVV5	10120	17096	0.76%	0.079%
34	16.916	2365	2370	2376	rVV	53888	85842	3.83%	0.398%
35	16.999	2380	2384	2385	rVV4	11075	16016	0.71%	0.074%
36	17.081	2393	2398	2405	rVB	38960	64053	2.86%	0.297%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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	17.263	2423	2429	2432	rVV	301848	452350	20.18%	2.095%
38	17.304	2432	2436	2441	rVV	634715	950168	42.39%	4.400%
39	17.363	2441	2446	2450	rVV	347154	557179	24.86%	2.580%
40	17.398	2450	2452	2457	rVB	130301	144878	6.46%	0.671%
41	17.457	2457	2462	2466	rBV5	15806	27263	1.22%	0.126%
42	17.668	2490	2498	2505	rBV2	83813	148285	6.62%	0.687%
43	17.774	2514	2516	2521	rVB3	13073	16692	0.74%	0.077%
44	17.845	2524	2528	2537	rVB5	22477	41702	1.86%	0.193%
45	18.138	2573	2578	2582	rBV	66968	118462	5.29%	0.549%
46	18.185	2582	2586	2592	rVV	106473	170845	7.62%	0.791%
47	18.268	2596	2600	2605	rBV2	29462	45344	2.02%	0.210%
48	18.338	2605	2612	2615	rBV4	91725	166318	7.42%	0.770%
49	18.373	2615	2618	2624	rVB	41542	59909	2.67%	0.277%
50	18.450	2626	2631	2634	rBV4	17798	27393	1.22%	0.127%
51	18.491	2634	2638	2642	rBV3	17947	23335	1.04%	0.108%
52	18.638	2658	2663	2667	rBV	59341	85842	3.83%	0.398%
53	18.685	2667	2671	2678	rVB	75077	112855	5.04%	0.523%
54	18.885	2702	2705	2710	rVV5	18811	32510	1.45%	0.151%
55	18.937	2711	2714	2718	rVV2	22489	28582	1.28%	0.132%
56	18.973	2718	2720	2725	rVB2	18816	25157	1.12%	0.117%
57	19.061	2730	2735	2737	rBV2	33263	58045	2.59%	0.269%
58	19.202	2755	2759	2767	rVB2	70678	126086	5.63%	0.584%
59	19.325	2773	2780	2786	rVB	1124713	1533280	68.41%	7.101%
60	19.419	2793	2796	2801	rBV2	26483	35373	1.58%	0.164%
61	19.654	2830	2836	2839	rBV2	537866	874611	39.02%	4.050%
62	19.689	2839	2842	2848	rVV	724848	955326	42.62%	4.424%
63	19.754	2849	2853	2859	rVB3	54419	78863	3.52%	0.365%
64	19.860	2867	2871	2877	rBV	57395	84025	3.75%	0.389%
65	19.924	2878	2882	2887	rVB	47764	73299	3.27%	0.339%
66	20.007	2890	2896	2897	rBV	62792	102315	4.56%	0.474%
67	20.142	2914	2919	2921	rBV5	44002	78065	3.48%	0.362%
68	20.177	2921	2925	2929	rVB	89505	135366	6.04%	0.627%
69	20.277	2938	2942	2946	rBV	40601	57691	2.57%	0.267%
70	20.336	2946	2952	2956	rVV2	79450	153902	6.87%	0.713%
71	20.377	2956	2959	2962	rVB2	26222	30635	1.37%	0.142%
72	20.412	2962	2965	2971	rBV3	22569	31757	1.42%	0.147%
73	20.477	2973	2976	2979	rVV	29831	37097	1.66%	0.172%
74	20.524	2980	2984	2987	rVB2	38474	52206	2.33%	0.242%
75	20.735	3016	3020	3024	rBV6	25026	42136	1.88%	0.195%
76	20.776	3024	3027	3029	rBV4	16414	23942	1.07%	0.111%

LSC Area Percent Report

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Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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	20.935	3049	3054	3059	rBV	168883	230246	10.27%	1.066%
78	21.105	3078	3083	3088	rBV2	107383	201935	9.01%	0.935%
79	21.152	3088	3091	3094	rVV	83483	127385	5.68%	0.590%
80	21.199	3094	3099	3104	rVV2	100703	236517	10.55%	1.095%
81	21.258	3105	3109	3115	rVB	148909	239377	10.68%	1.109%
82	21.464	3140	3144	3145	rBV	38035	46150	2.06%	0.214%
83	21.505	3145	3151	3157	rVV3	670412	1584091	70.67%	7.336%
84	21.564	3157	3161	3172	rVB	490631	805772	35.95%	3.732%
85	21.711	3182	3186	3190	rBV2	38452	60968	2.72%	0.282%
86	21.916	3215	3221	3226	rBV2	35565	78153	3.49%	0.362%
87	22.222	3269	3273	3280	rVB2	74595	135409	6.04%	0.627%
88	22.292	3280	3285	3292	rVB4	54906	110709	4.94%	0.513%
89	22.486	3313	3318	3323	rBV3	44443	90658	4.04%	0.420%
90	22.927	3388	3393	3403	rVB5	92991	228363	10.19%	1.058%
91	23.121	3423	3426	3433	rVB7	29804	51906	2.32%	0.240%
92	23.279	3446	3453	3460	rVB3	38251	104971	4.68%	0.486%
93	23.638	3506	3514	3521	rBV2	359787	1115733	49.78%	5.167%
94	23.879	3549	3555	3562	rVB	55809	128924	5.75%	0.597%
95	24.078	3583	3589	3591	rBV5	26937	58695	2.62%	0.272%
96	24.331	3626	3632	3637	rBV2	54465	129516	5.78%	0.600%
97	24.402	3637	3644	3650	rVV	152454	391122	17.45%	1.811%
98	24.466	3650	3655	3668	rVB	176779	456975	20.39%	2.116%
99	24.613	3671	3680	3688	rBV	216066	572838	25.56%	2.653%
100	28.127	4269	4278	4291	rVB4	75537	331167	14.78%	1.534%

Sum of corrected areas: 21593107

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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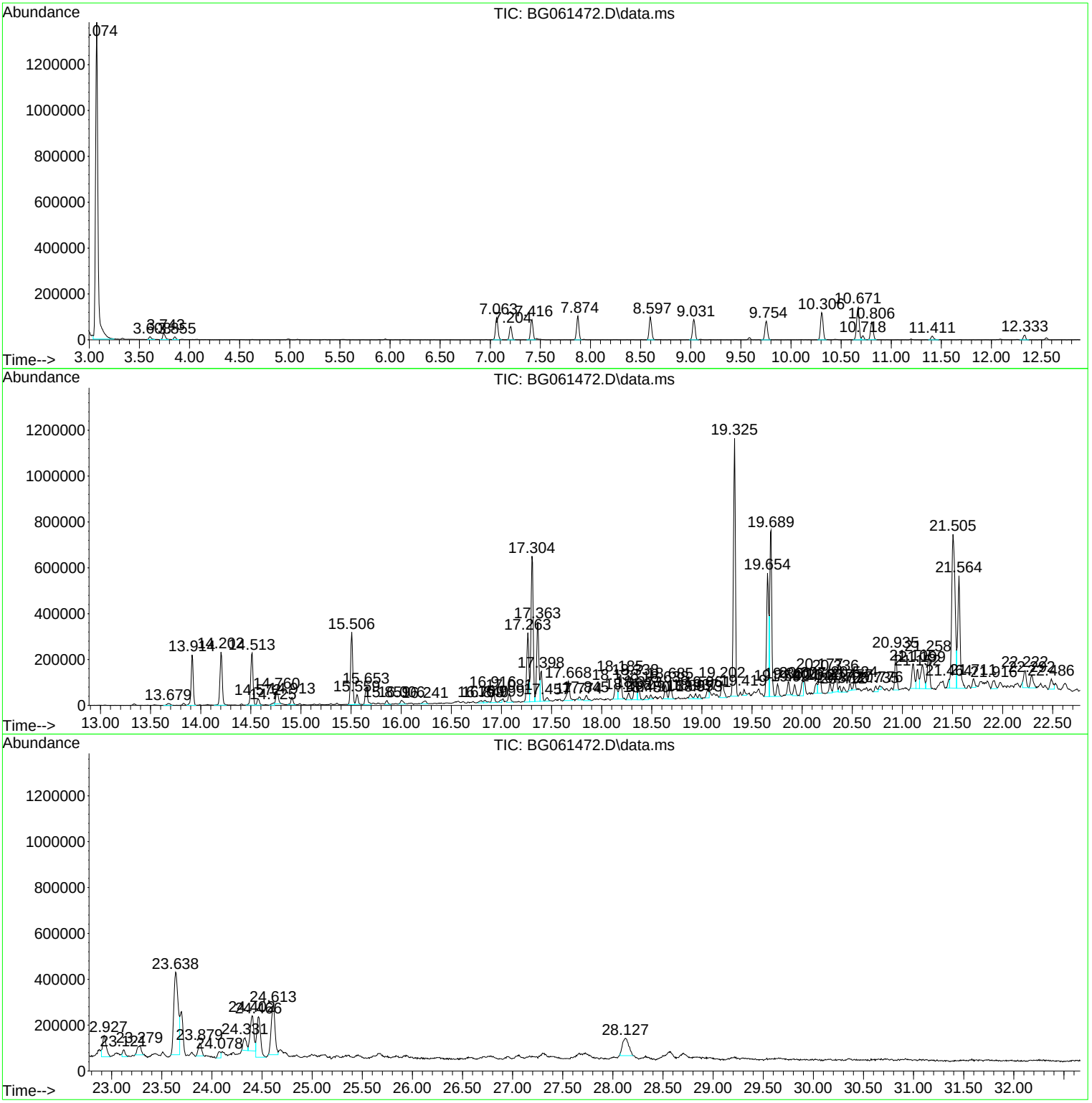
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

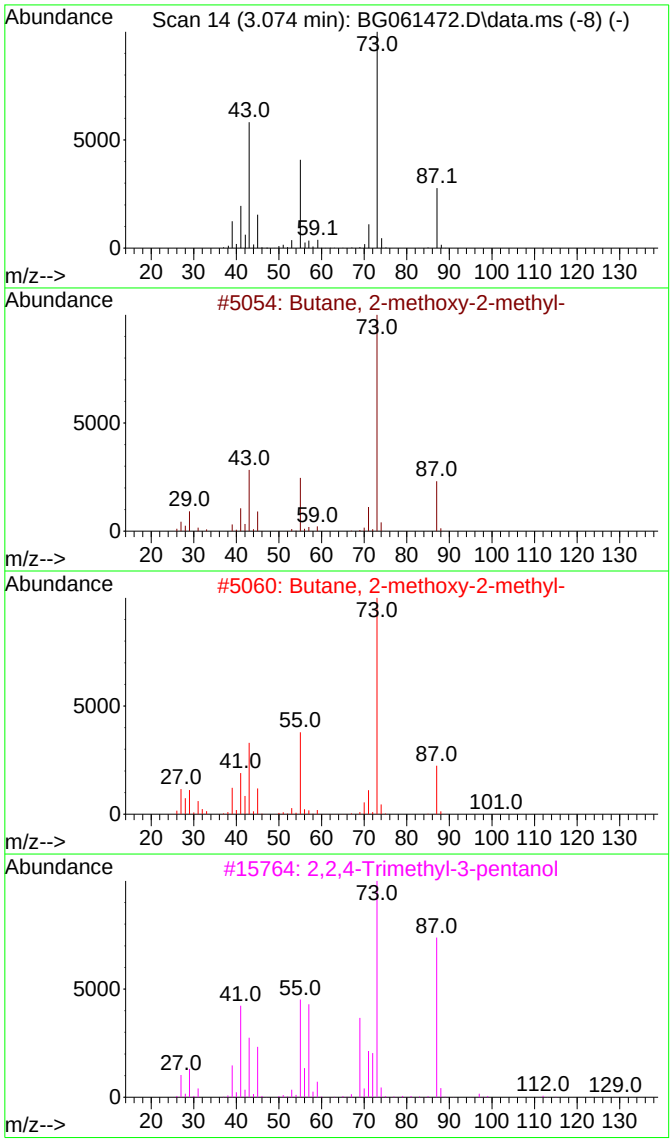
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

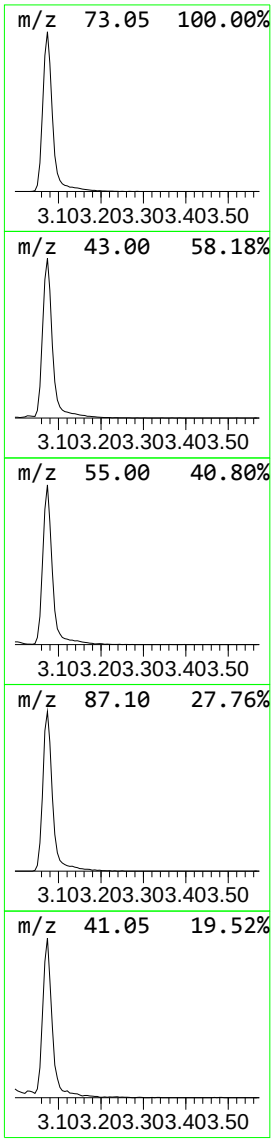
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.074	271.25 ng/ul	2241400	1,4-Dichlorobenzene-d4	7.874

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	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

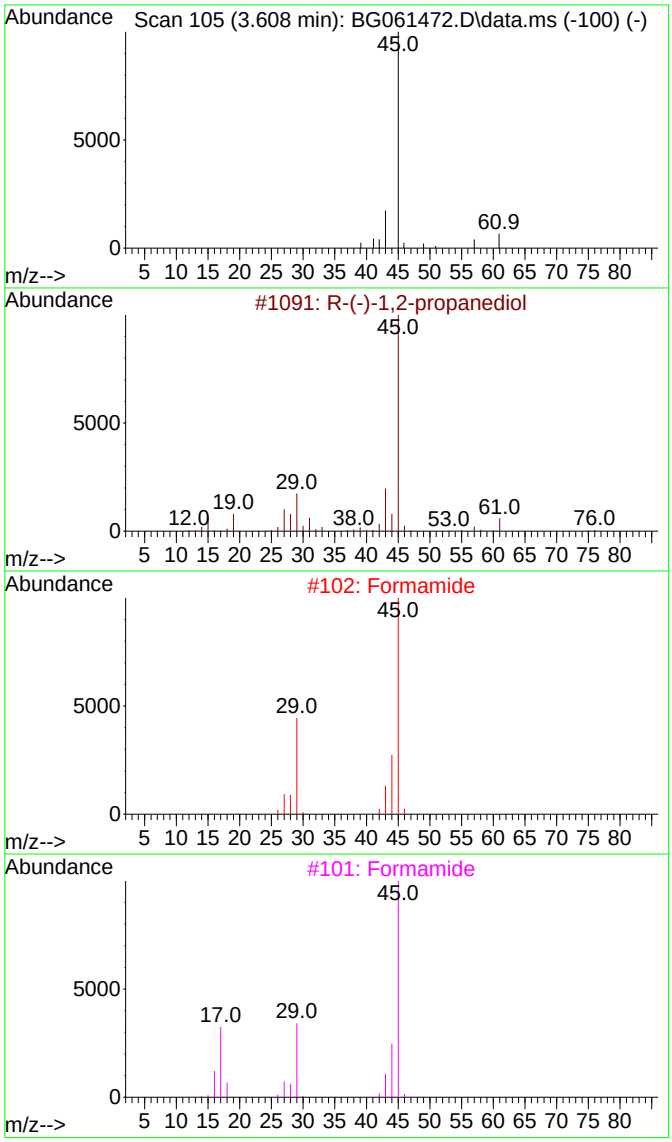
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

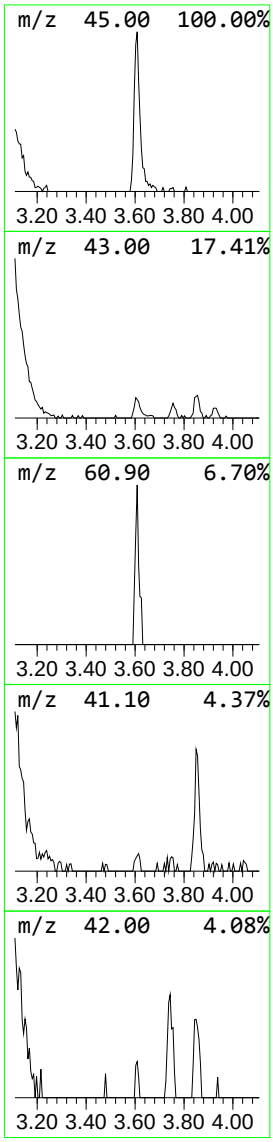
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.608	2.46 ng/ul	20362	1,4-Dichlorobenzene-d4	7.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
2	Formamide	45	CH3NO	000075-12-7	7
3	Formamide	45	CH3NO	000075-12-7	4
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	4
5	2-Butanol	74	C4H10O	000078-92-2	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

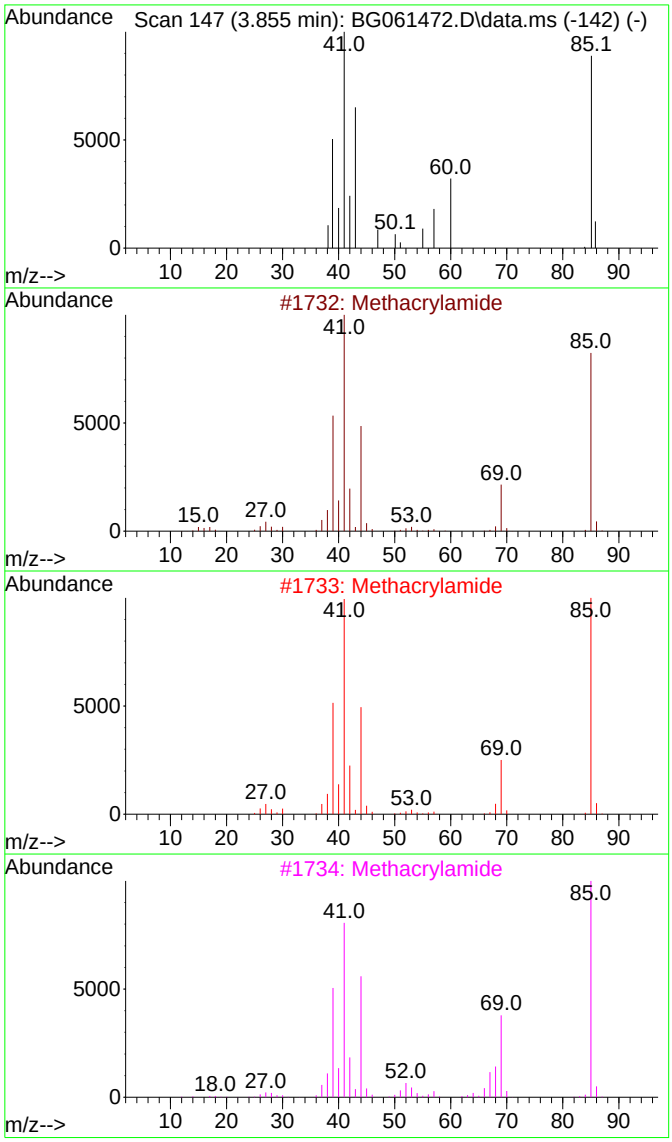
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

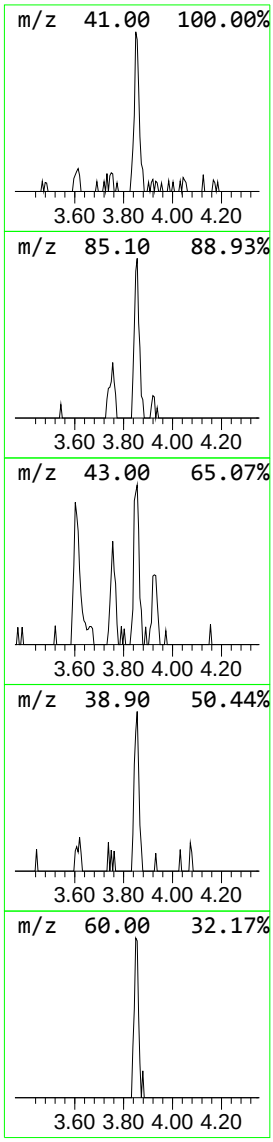
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methacrylamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.855	2.25 ng/ul	18623	1,4-Dichlorobenzene-d4	7.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	64
3	Methacrylamide	85	C4H7NO	000079-39-0	64
4	trans-Crotonamide	85	C4H7NO	000625-37-6	42
5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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

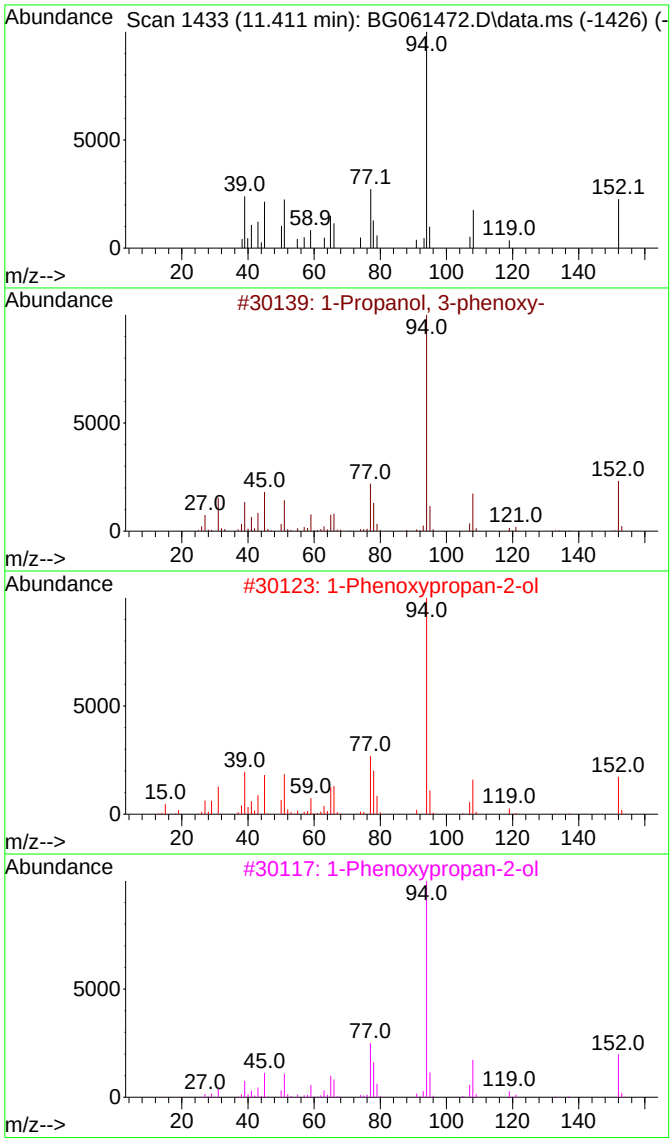
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

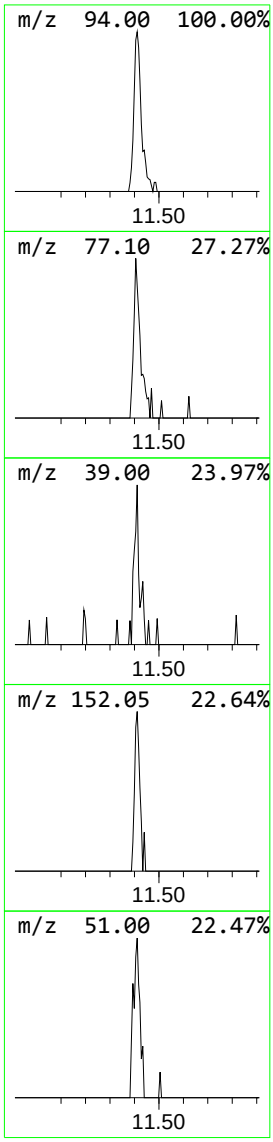
****

Peak Number 4 1-Propanol, 3-phenoxy- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.411	2.42 ng/ul	30923	Naphthalene-d8	10.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

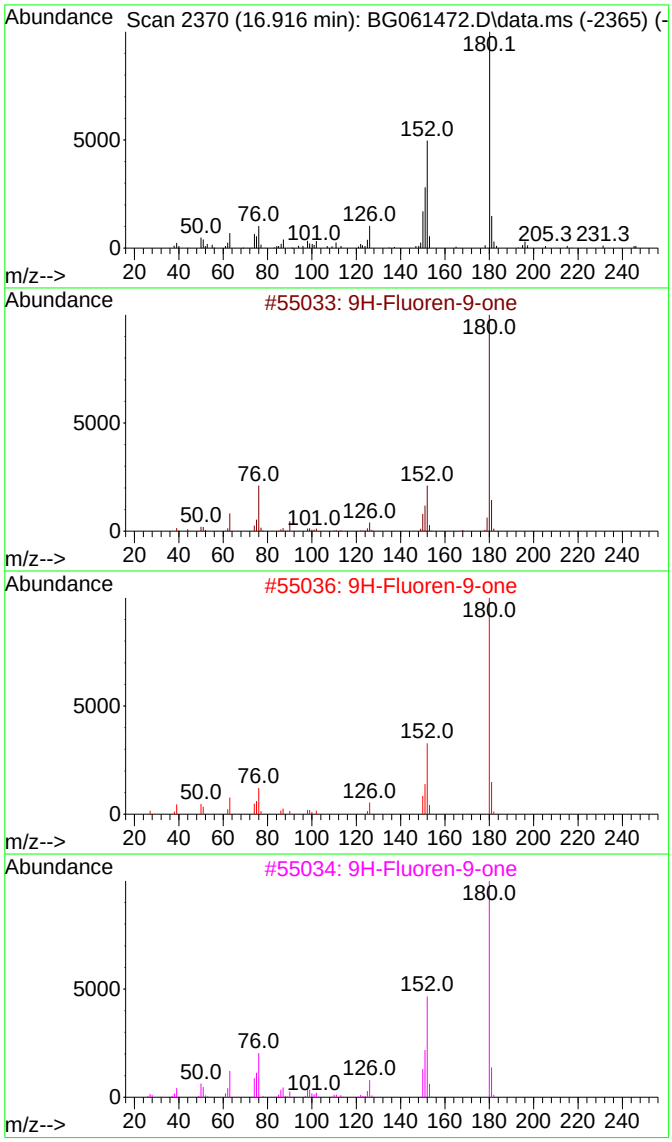
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

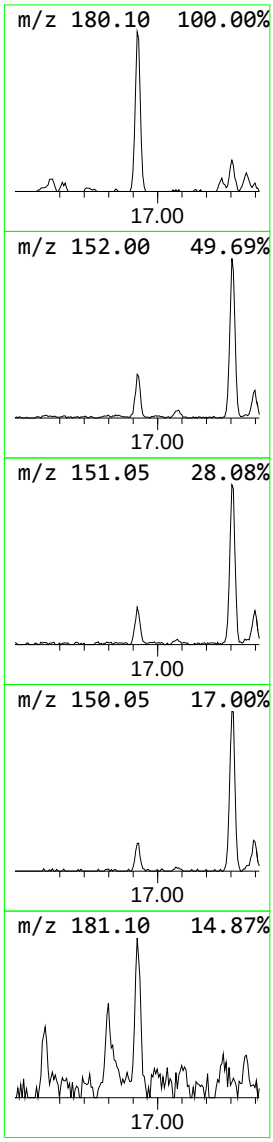
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.916	3.80 ng/ul	85842	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90





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Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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

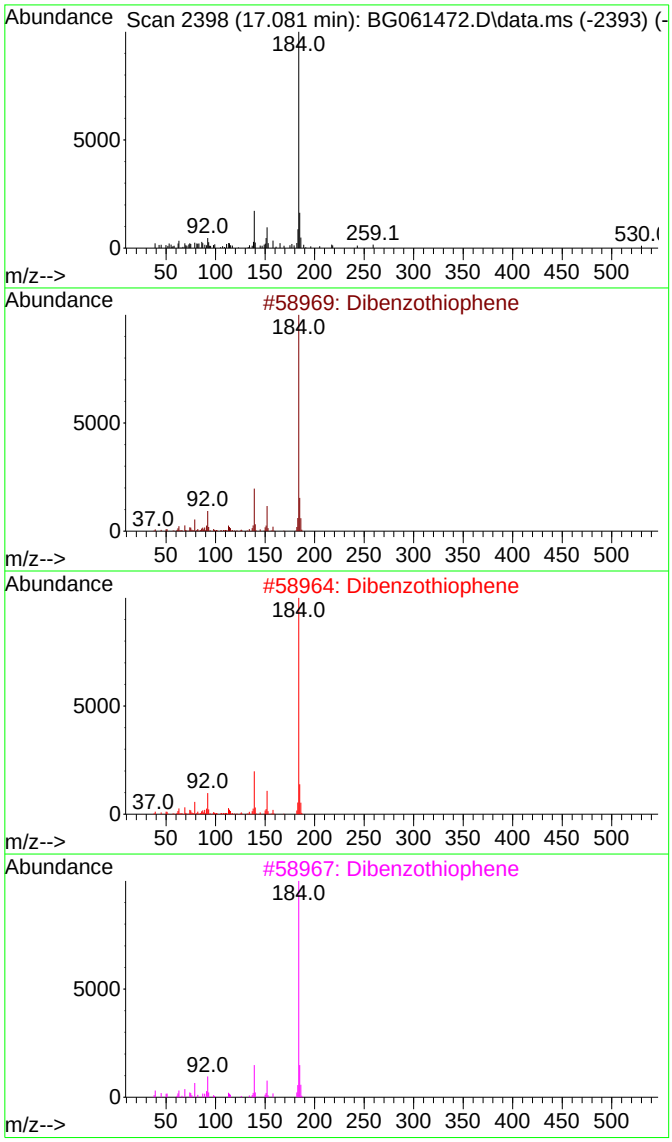
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

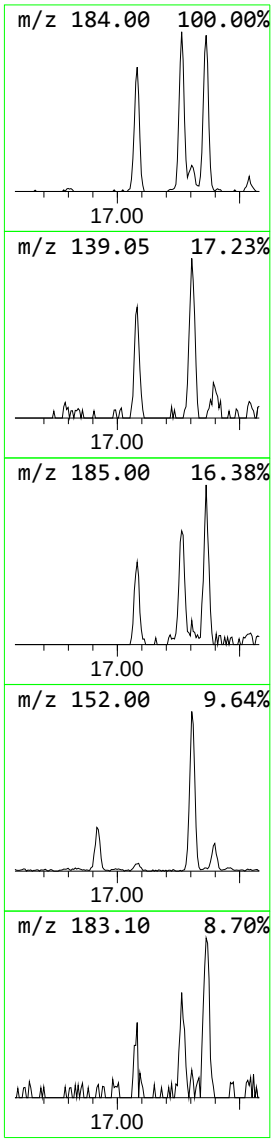
****

Peak Number 6 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	2.83 ng/ul	64053	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

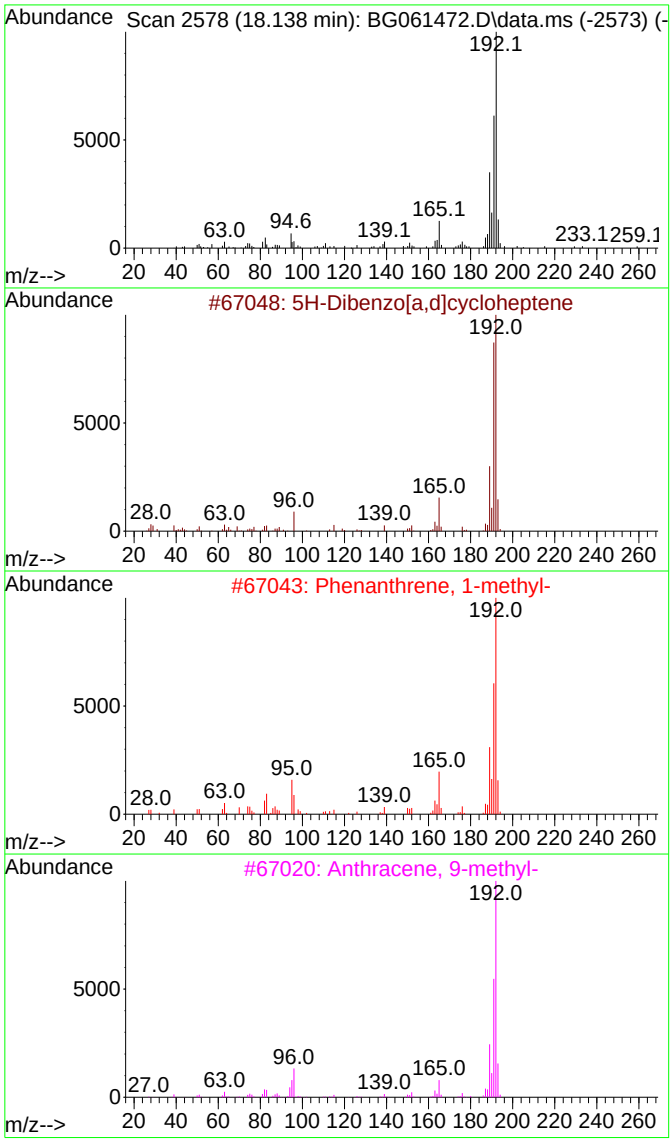
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

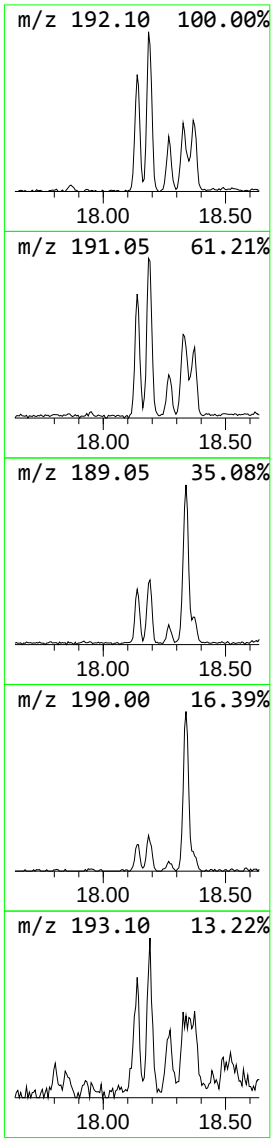
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.138	5.24 ng/ul	118462	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

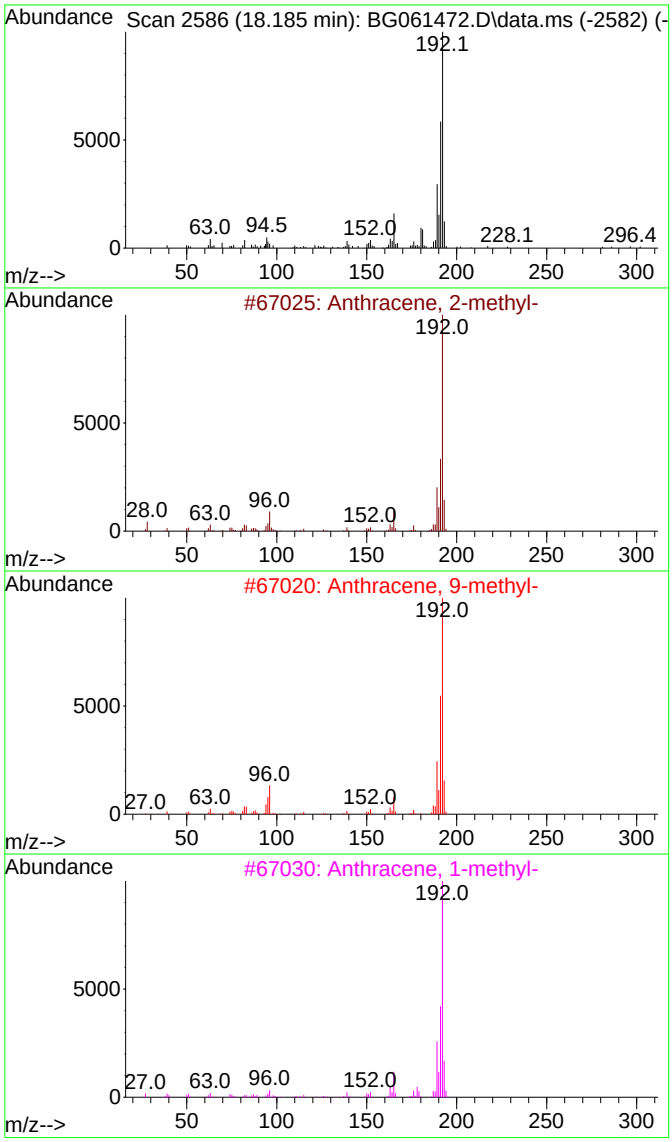
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

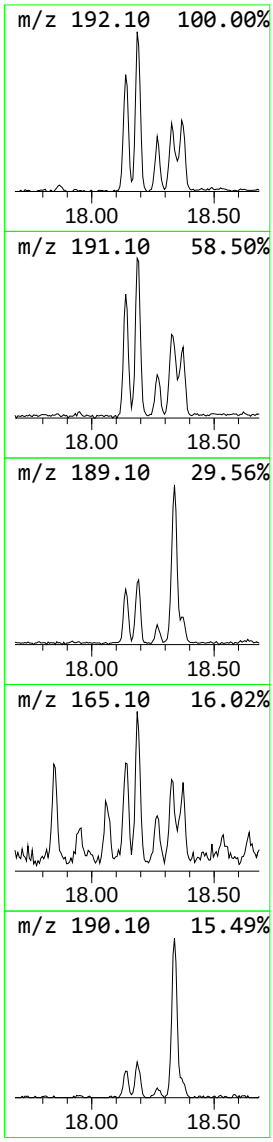
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.185	7.55 ng/ul	170845	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

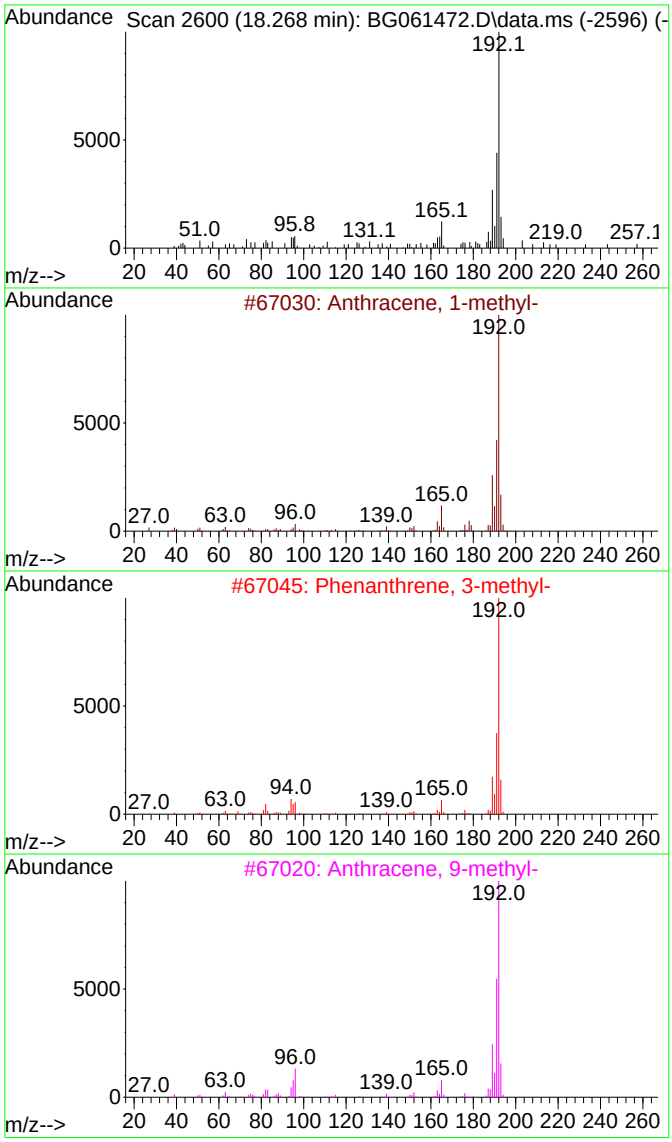
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

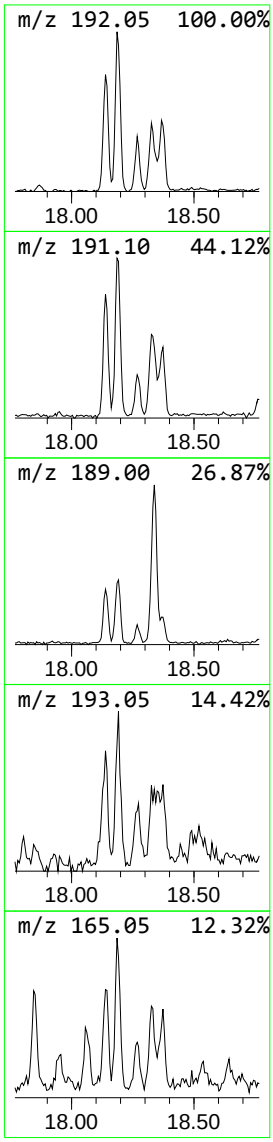
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	2.00 ng/ul	45344	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

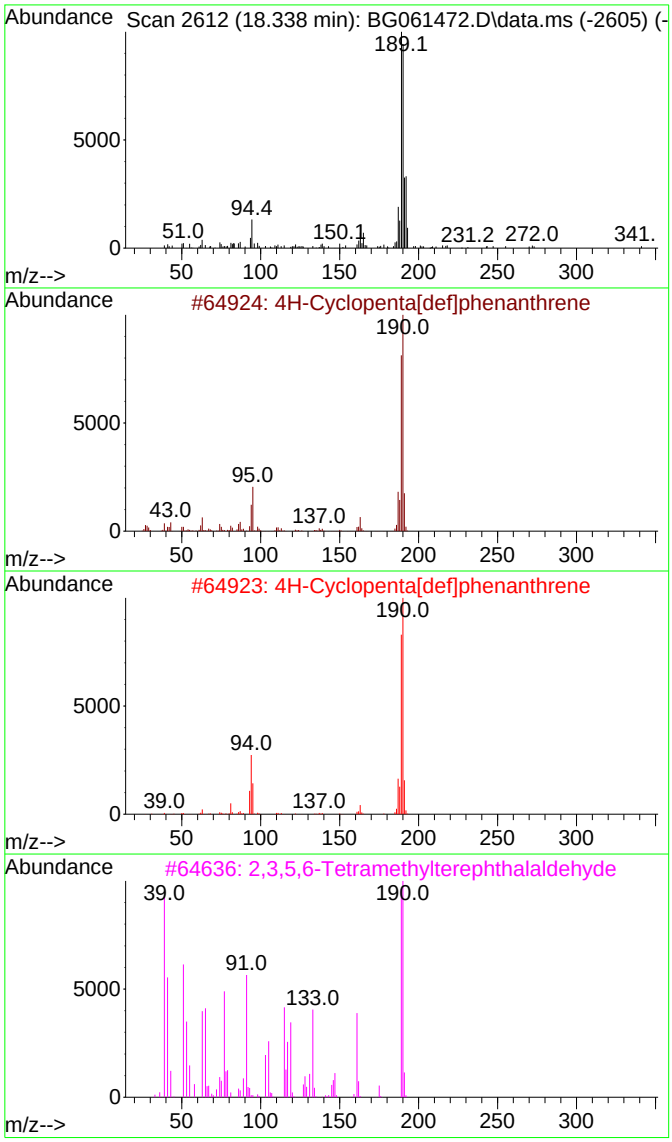
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

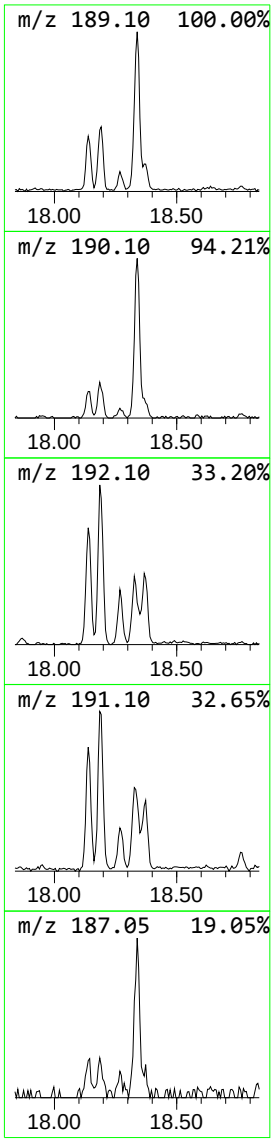
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.338	7.35 ng/ul	166318	Phenanthrene-d10	17.263

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	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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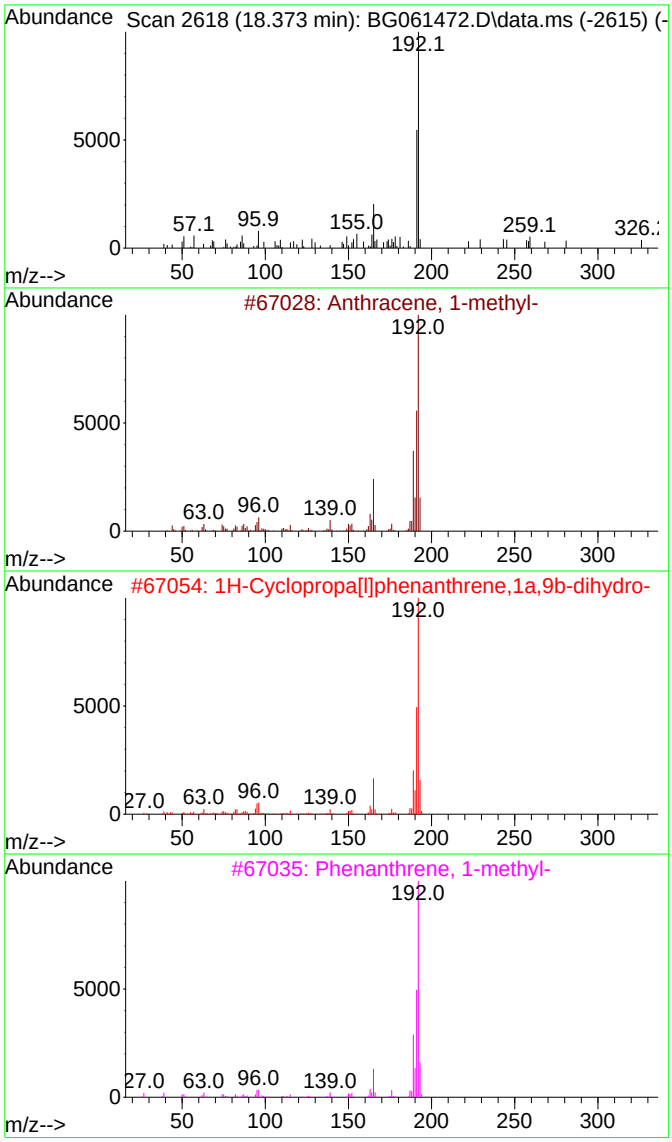
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

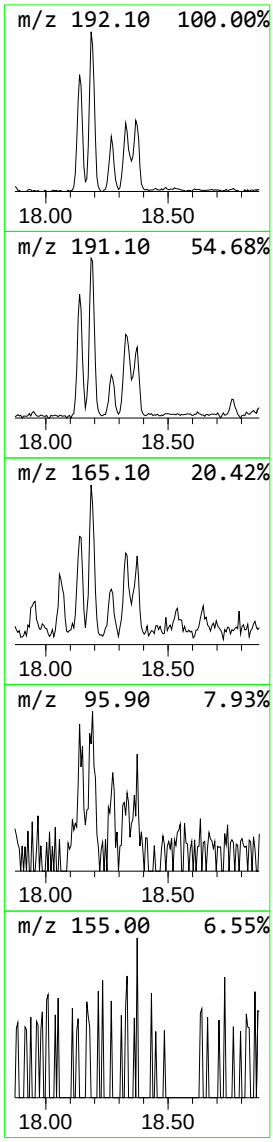
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	2.65 ng/ul	59909	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





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Acq On : 5 Jun 2024 2:31
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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

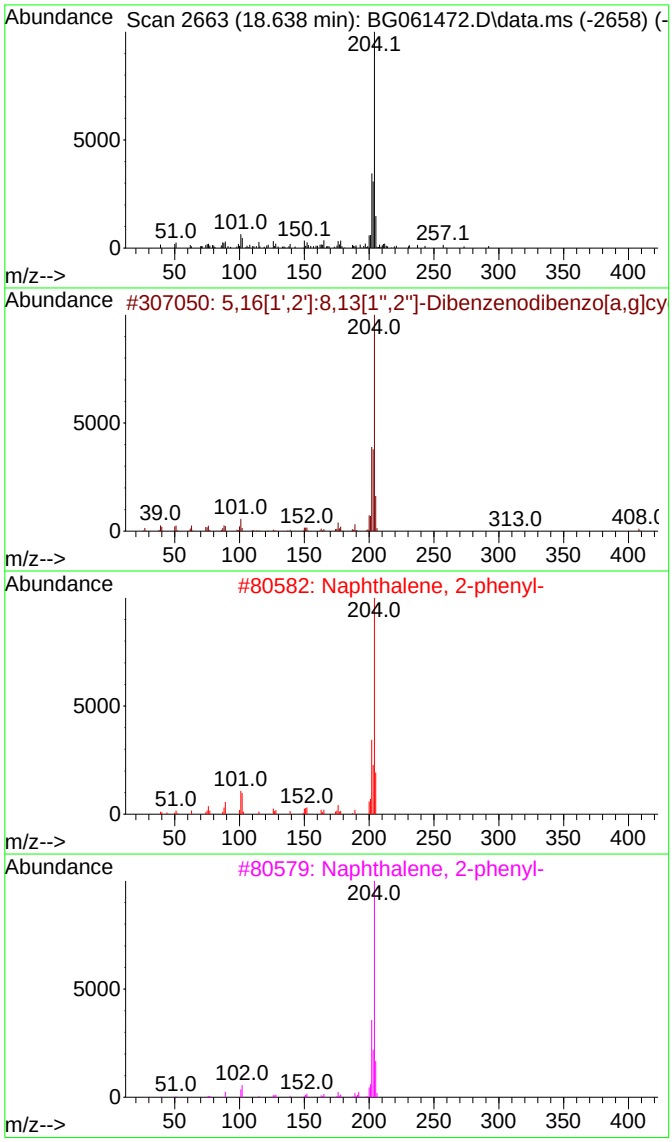
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

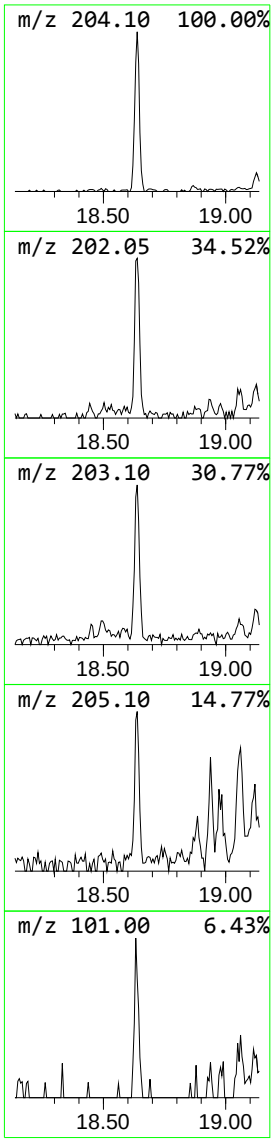
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.638	3.80 ng/ul	85842	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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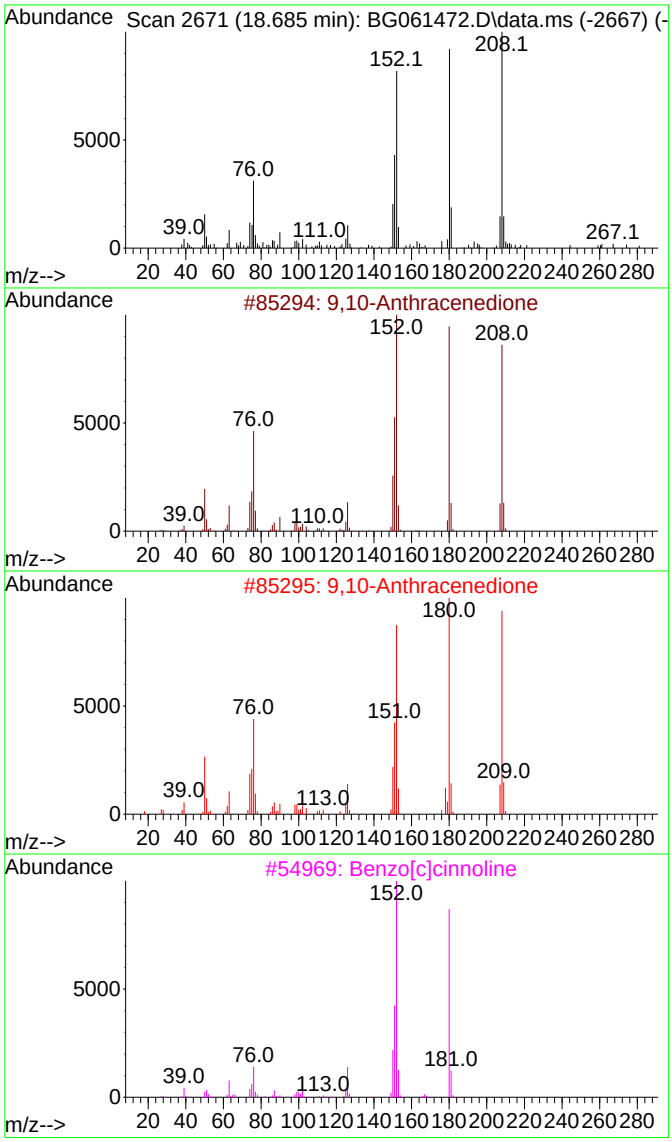
Quant Title : SVOA CALIBRATION

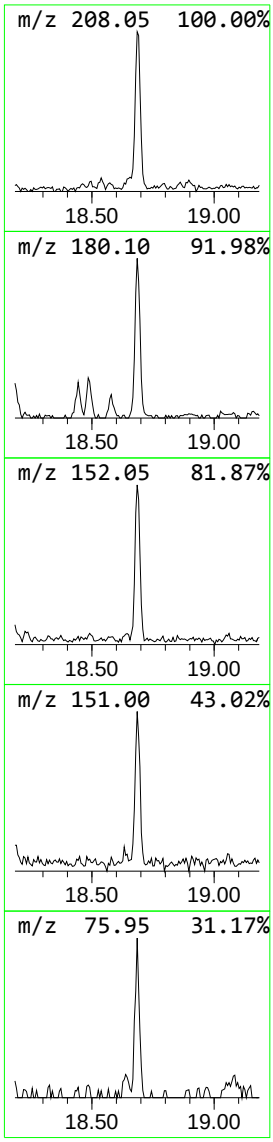
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	4.99 ng/ul	112855	Phenanthrene-d10	17.263

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	96
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93





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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5T2

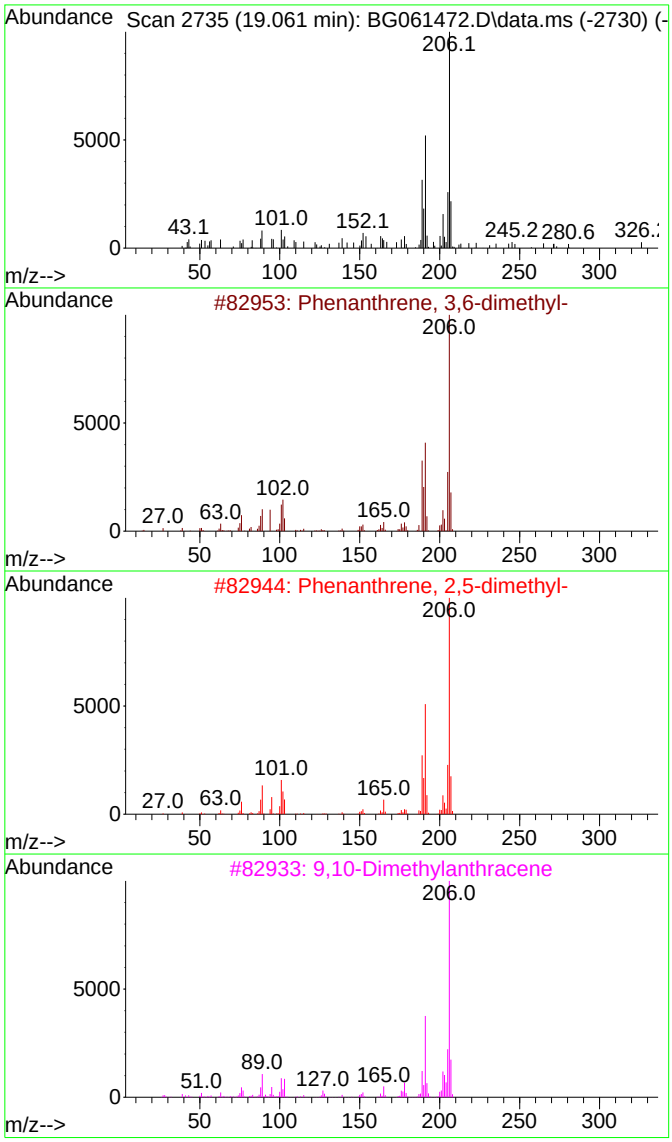
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

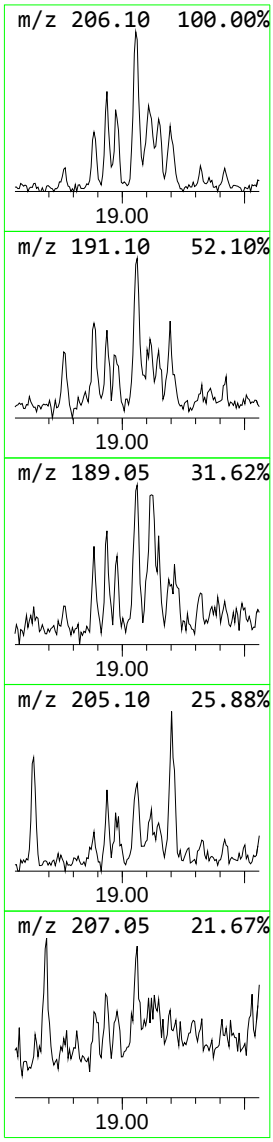
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.061	2.57 ng/ul	58045	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	74





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Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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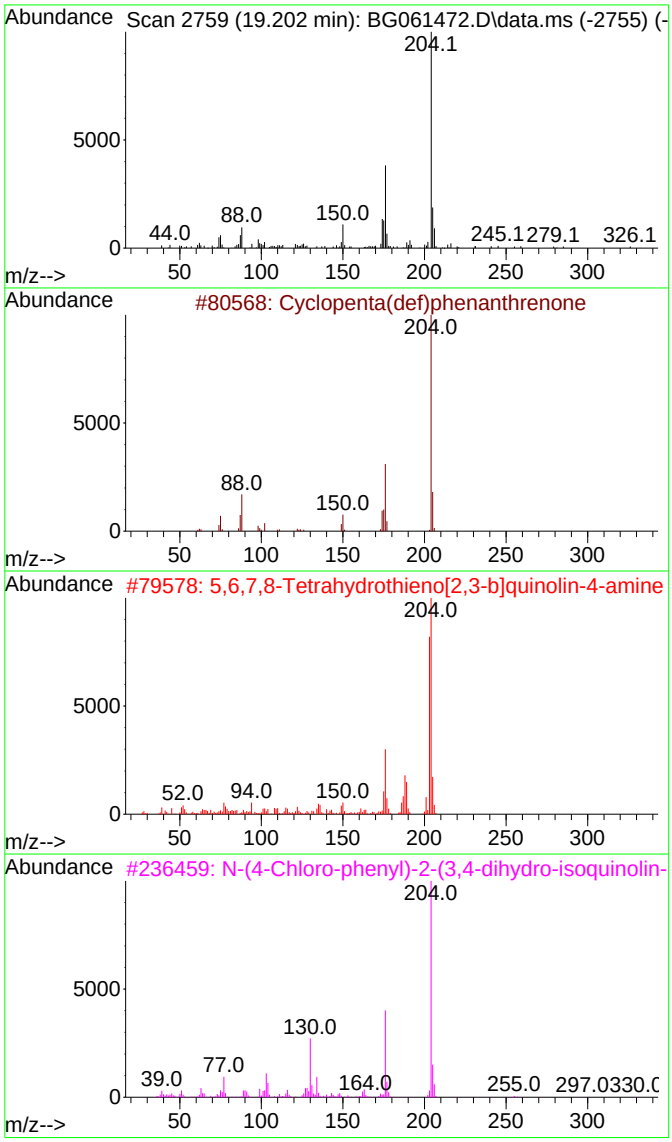
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

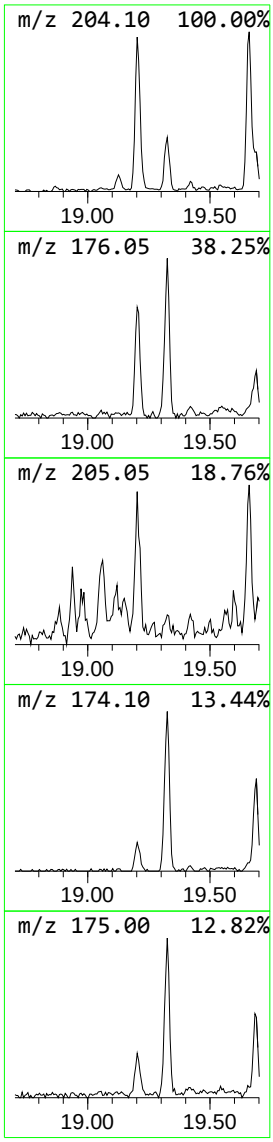
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.202	5.57 ng/ul	126086	Phenanthrene-d10	17.263

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	64
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
4	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	50
5	2-Isobutyl-1,3-dioxo-5-isoindoli...	247	C13H13NO4	346716-89-0	47





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
BH5T2

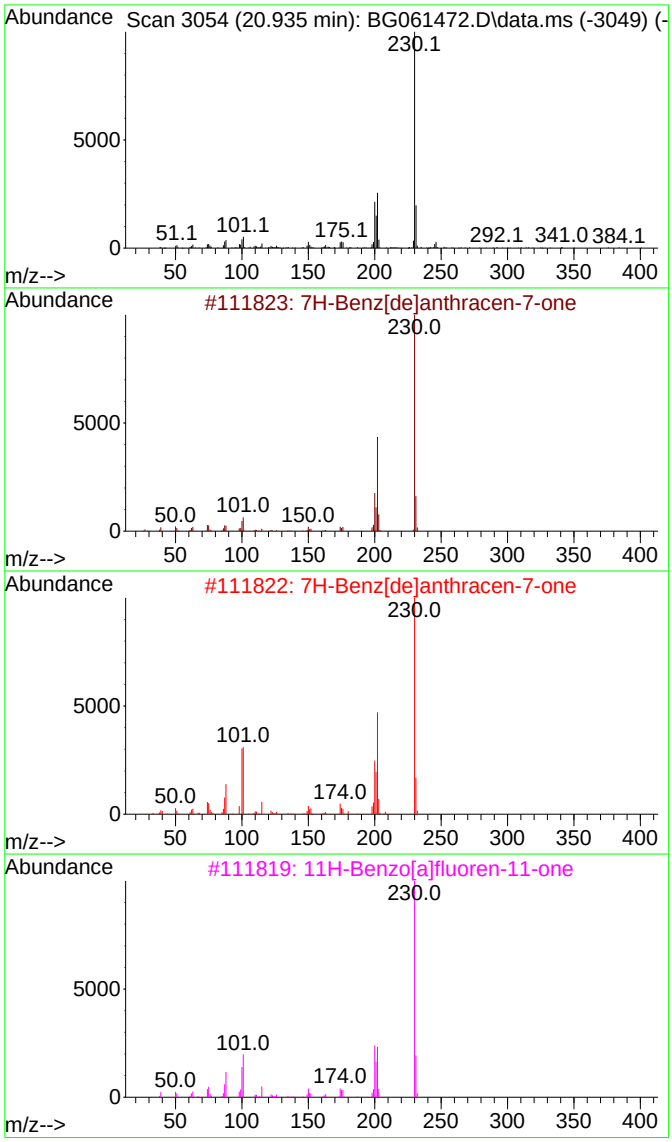
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

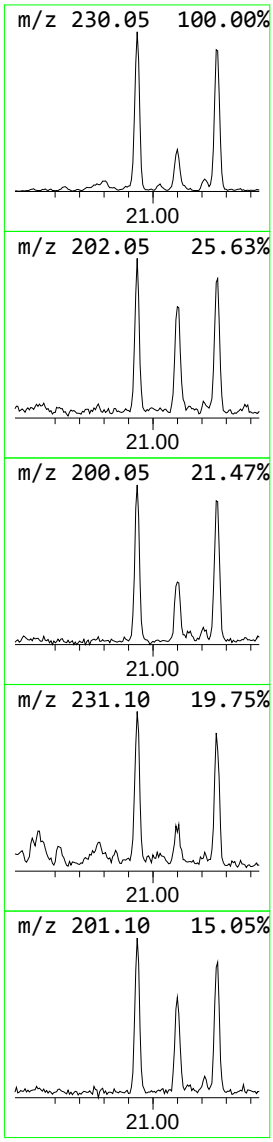
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.935	2.91 ng/ul	230246	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	59





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Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

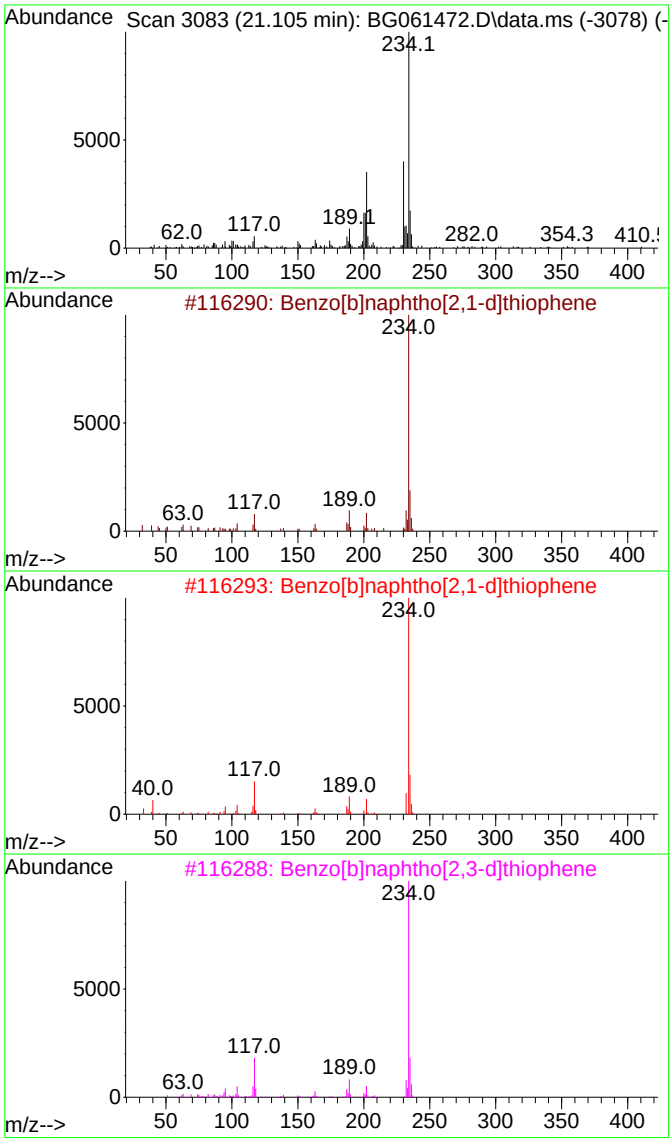
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

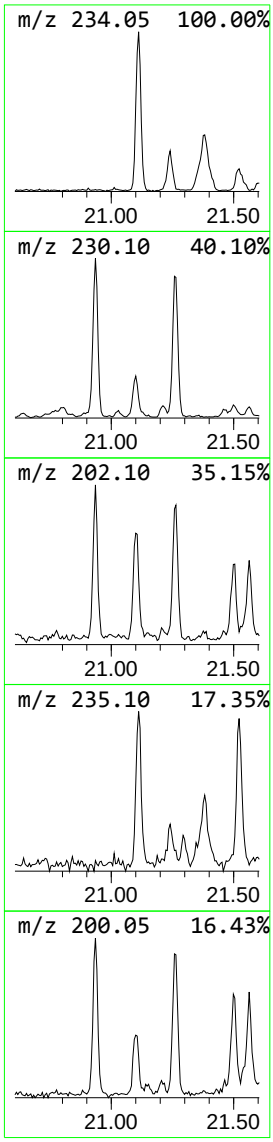
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.105	2.55 ng/ul	201935	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60





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Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

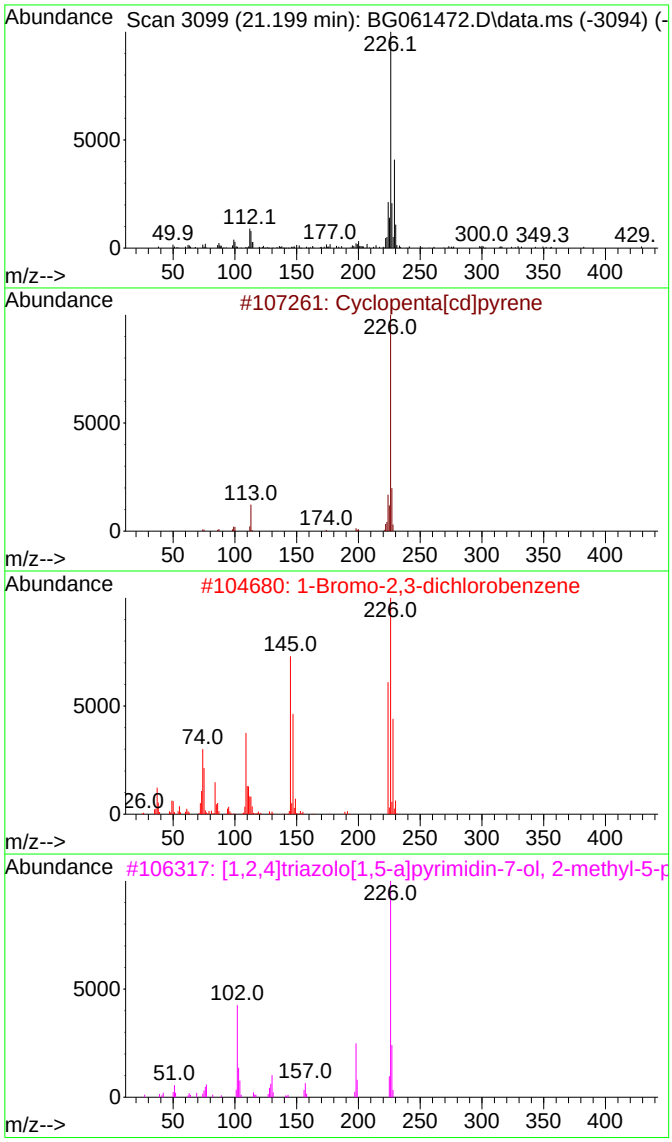
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

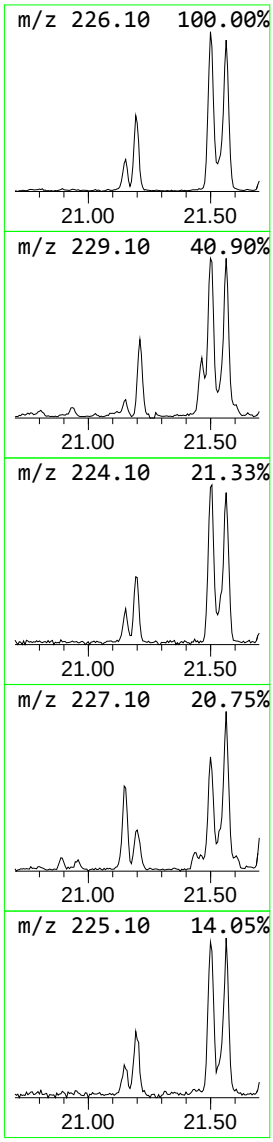
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.200	2.99 ng/ul	236517	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	1-Bromo-2,3-dichlorobenzene	224	C6H3BrCl2	056961-77-4	47
3	[1,2,4]triazolo[1,5-a]pyrimidin-...	226	C12H10N4O	1000403-04-9	43
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43
5	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	38





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Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

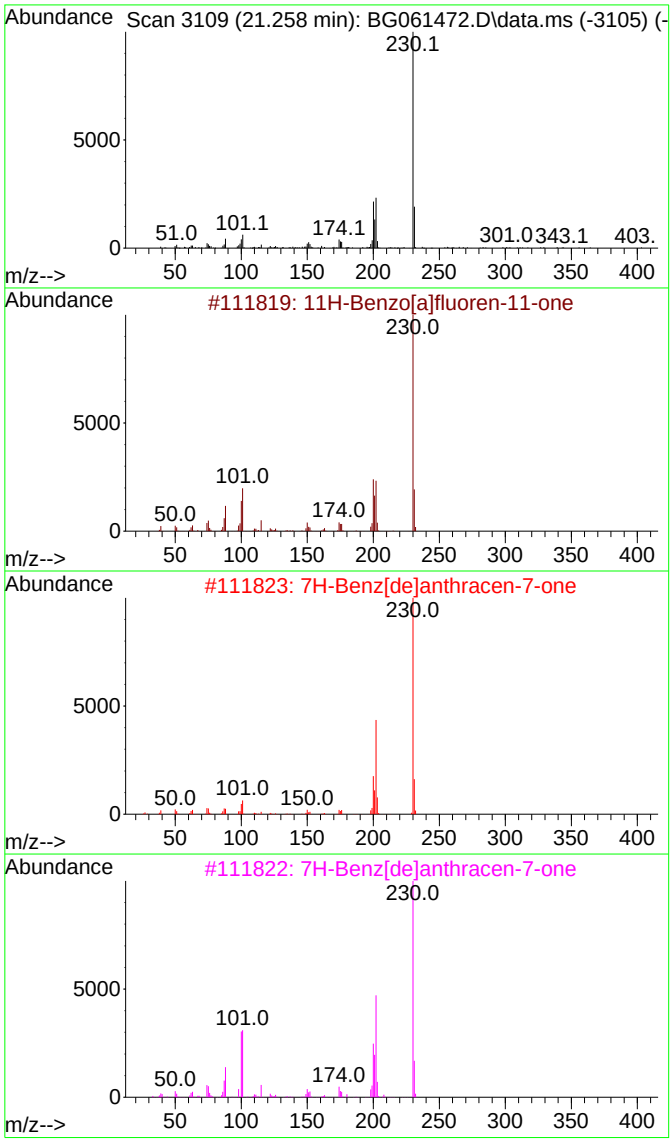
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

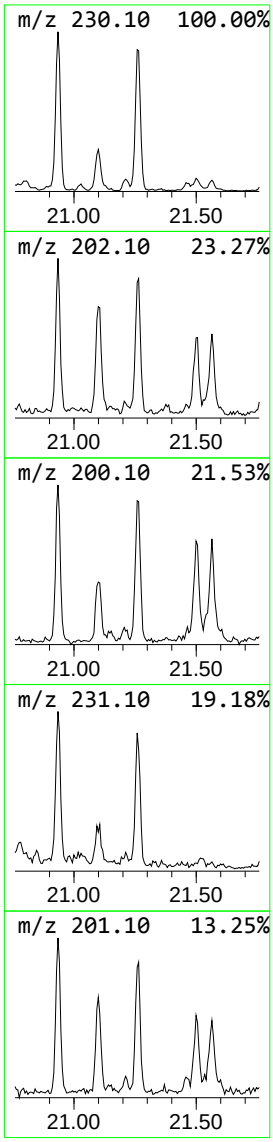
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.258	3.02 ng/ul	239377	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
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	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	53





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Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

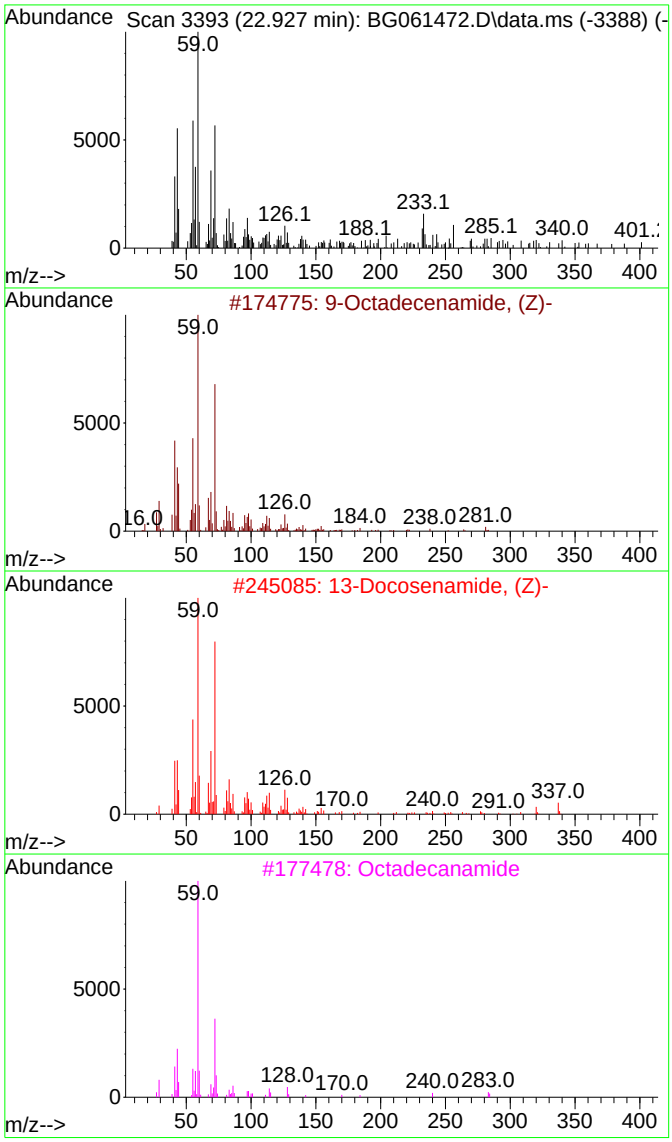
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

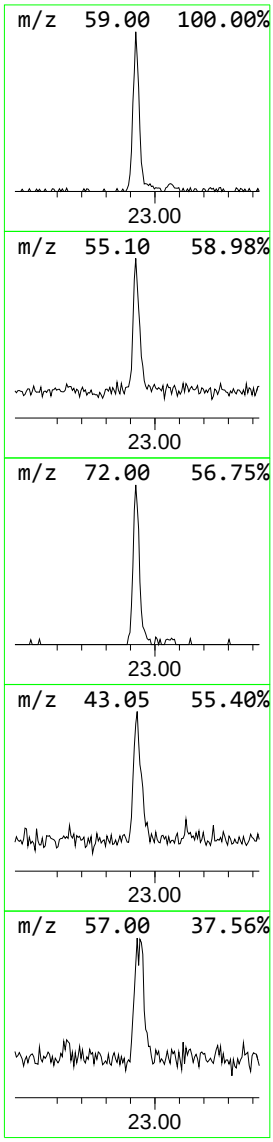
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.927	2.88 ng/ul	228363	Chrysene-d12	21.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
3	Octadecanamide	283	C18H37NO	000124-26-5	58
4	Tetradecanamide	227	C14H29NO	000638-58-4	58
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58





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Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

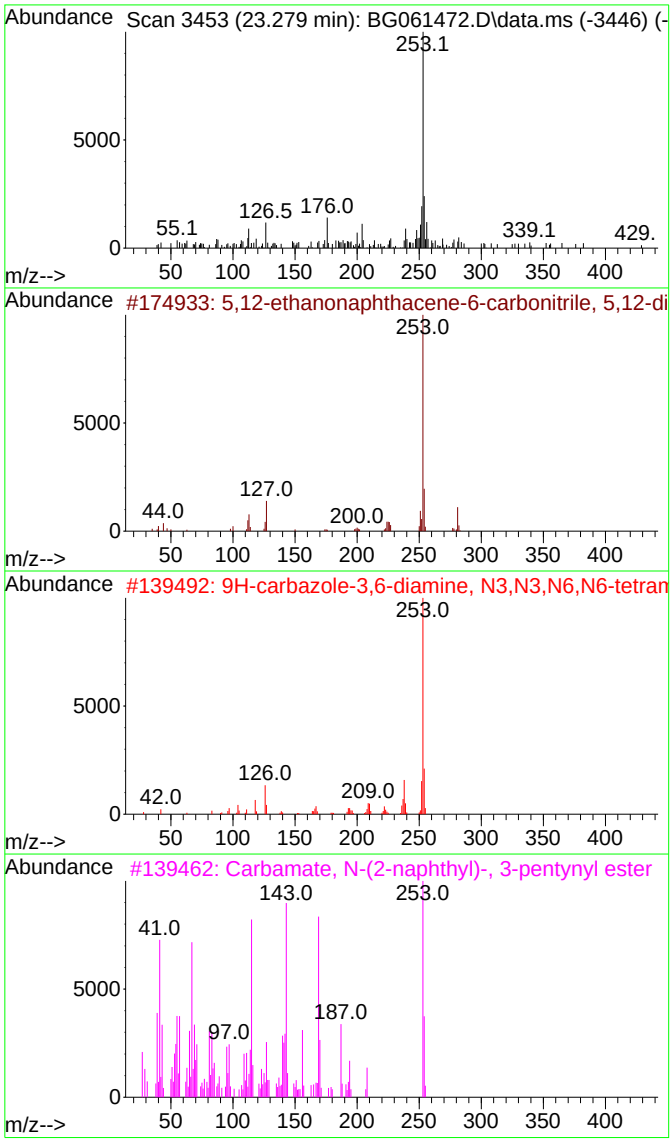
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

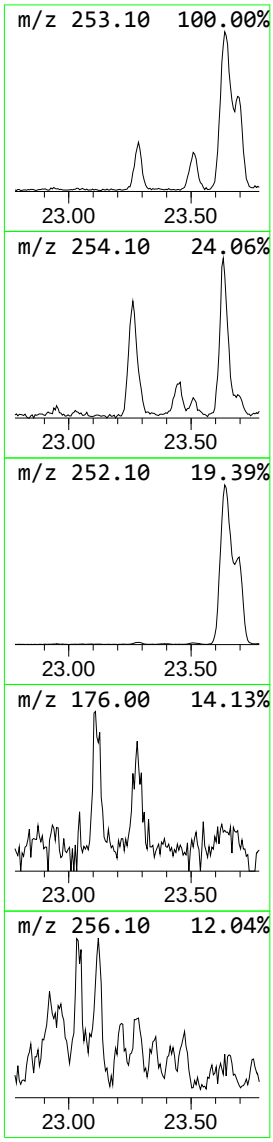
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 5,12-ethanonaphthacene-6-ca... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.279	3.66 ng/ul	104971	Perylene-d12	24.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	64
2	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	64
3	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	50
4	N-(4-Caproylaminobutyl)-2-ethylp...	282	C17H34N2O	1000306-09-9	50
5	2,5-Dimethyl-1-(2,3,4-trifluorop...	253	C13H10F3NO	923832-17-1	43





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Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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

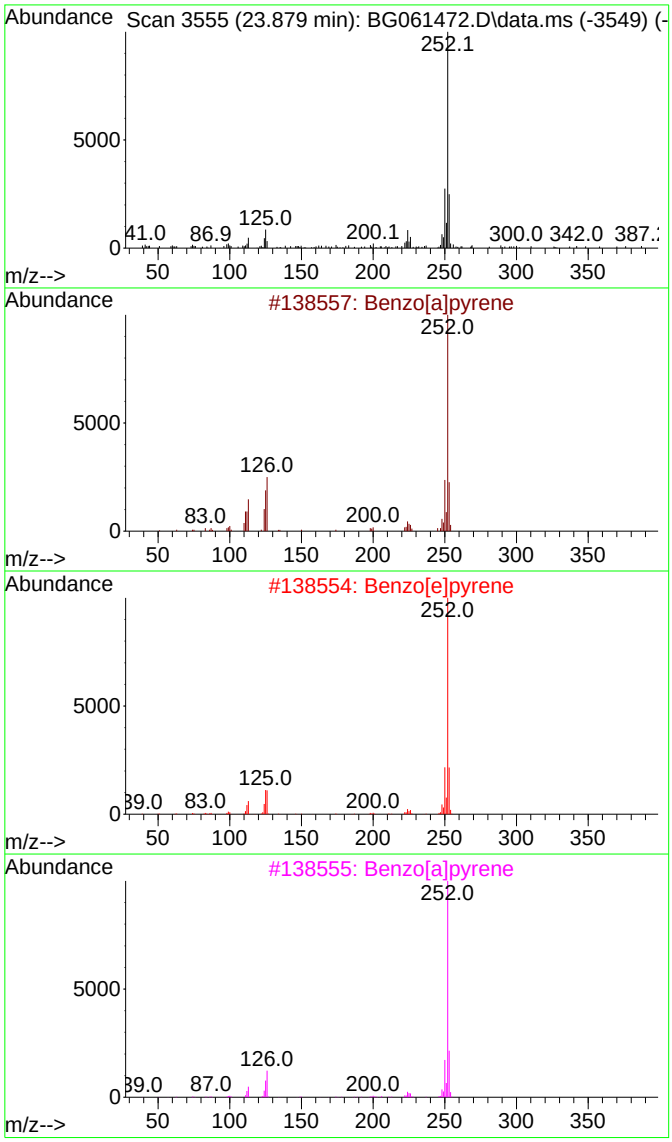
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

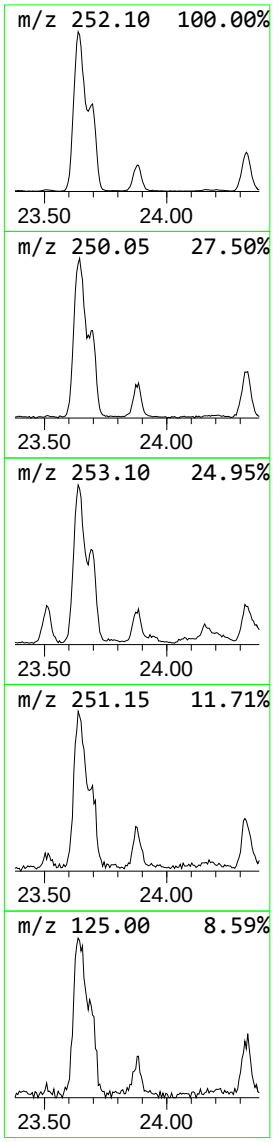
****

Peak Number 22 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.879	4.50 ng/ul	128924	Perylene-d12	24.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





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Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

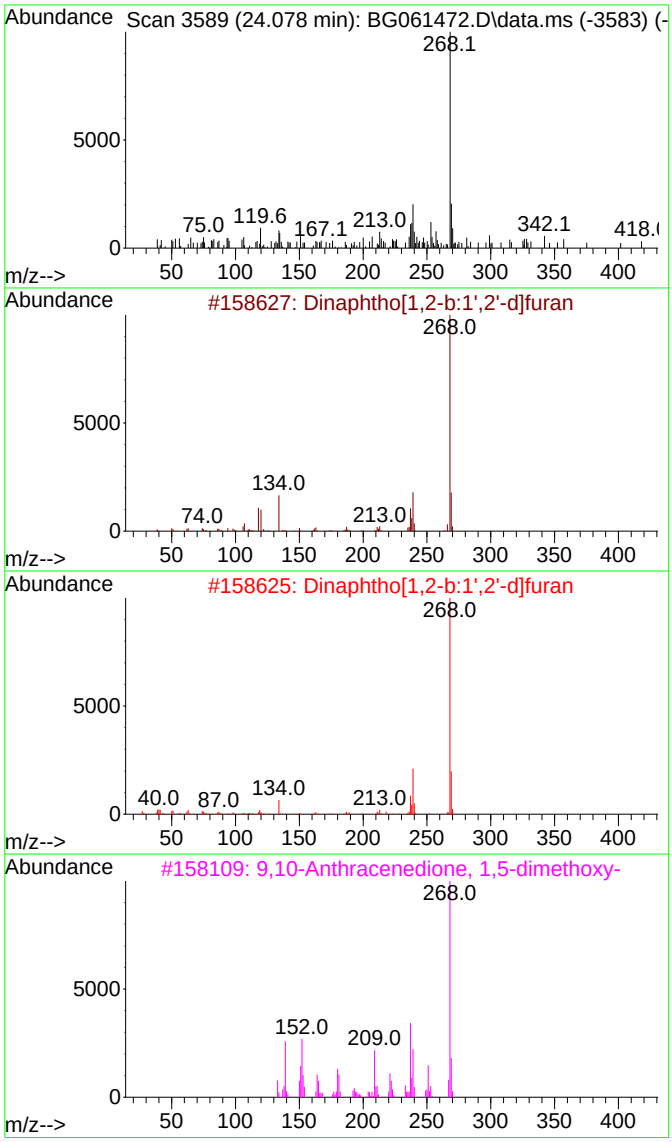
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

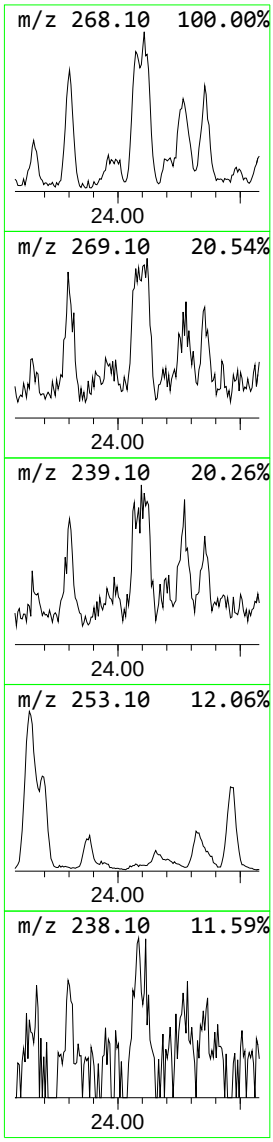
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.078	2.05 ng/ul	58695	Perylene-d12	24.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
3	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	72
4	2,7-Diethoxy-fluoren-9-one	268	C17H16O3	1000317-69-6	64
5	1-(4-[2-(4-Methoxymethylphenyl)v...	268	C18H20O2	1000202-15-4	58





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Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T2

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

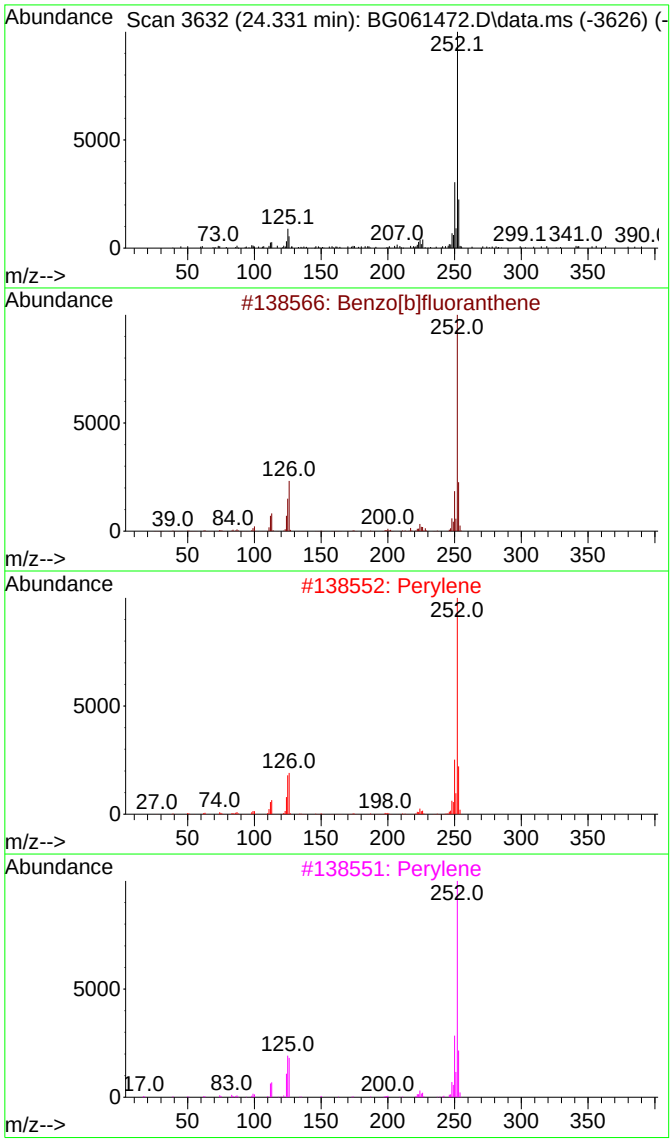
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

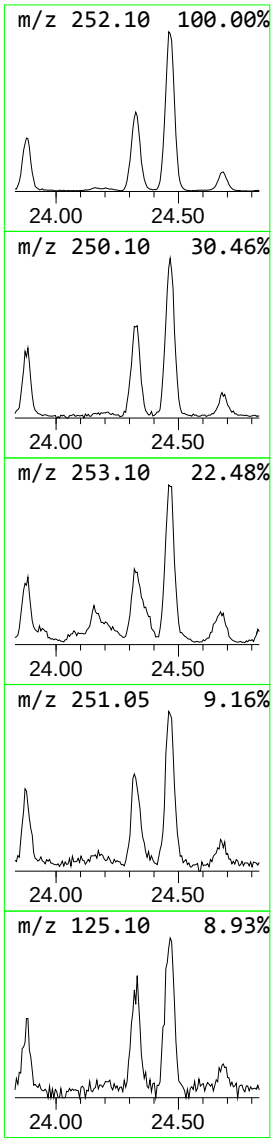
****

Peak Number 24 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.331	4.52 ng/ul	129516	Perylene-d12	24.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
2	Perylene	252	C20H12	000198-55-0	89
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

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Data File : BG061472.D
Acq On : 5 Jun 2024 2:31
Operator : MA/JU
Sample : P2591-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5T2

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...	3.074	271.3	ng/ul	2241400	1	7.874	165267	20.0
unknown-01	3.608	2.5	ng/ul	20362	1	7.874	165267	20.0
Methacrylamide	3.855	2.3	ng/ul	18623	1	7.874	165267	20.0
1-Propanol, 3-p...	11.411	2.4	ng/ul	30923	2	10.671	255776	20.0
9H-Fluoren-9-one	16.916	3.8	ng/ul	85842	4	17.263	452350	20.0
Dibenzothiophene	17.081	2.8	ng/ul	64053	4	17.263	452350	20.0
5H-Dibenzo[a,d]...	18.138	5.2	ng/ul	118462	4	17.263	452350	20.0
Anthracene, 2-m...	18.185	7.5	ng/ul	170845	4	17.263	452350	20.0
Anthracene, 1-m...	18.268	2.0	ng/ul	45344	4	17.263	452350	20.0
4H-Cyclopenta[d...	18.338	7.3	ng/ul	166318	4	17.263	452350	20.0
1H-Cyclopropa[1...	18.373	2.6	ng/ul	59909	4	17.263	452350	20.0
5,16[1',2']:8,1...	18.638	3.8	ng/ul	85842	4	17.263	452350	20.0
9,10-Anthracene...	18.685	5.0	ng/ul	112855	4	17.263	452350	20.0
Phenanthrene, 3...	19.061	2.6	ng/ul	58045	4	17.263	452350	20.0
Cyclopenta(def)...	19.202	5.6	ng/ul	126086	4	17.263	452350	20.0
7H-Benz[de]anth...	20.935	2.9	ng/ul	230246	5	21.517	1584090	20.0
Benzo[b]naphtho...	21.105	2.5	ng/ul	201935	5	21.517	1584090	20.0
unknown-02	21.200	3.0	ng/ul	236517	5	21.517	1584090	20.0
11H-Benzo[a]flu...	21.258	3.0	ng/ul	239377	5	21.517	1584090	20.0
9-Octadecenamid...	22.927	2.9	ng/ul	228363	5	21.517	1584090	20.0
5,12-ethanonaph...	23.279	3.7	ng/ul	104971	6	24.613	572838	20.0
Benzo[e]pyrene	23.879	4.5	ng/ul	128924	6	24.613	572838	20.0
Dinaphtho[1,2-b...	24.078	2.0	ng/ul	58695	6	24.613	572838	20.0
Perylene	24.331	4.5	ng/ul	129516	6	24.613	572838	20.0