LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5T9DL

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: BG061421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	10	15	22	rVV	272075	429240	35.03%	3.234%
2	3.752	125	130	137	rVV3	11558	19013	1.55%	0.143%
3	3.851	143	147	154	rVV	14803	22356	1.82%	0.168%
4	7.059	687	693	700	rBV3	18510	32111	2.62%	0.242%
5	7.200	712	717	725	rVV2	12931	21885	1.79%	0.165%
6	7.412	748	753	759	rBV2	18842	29130	2.38%	0.219%
7	7.870	825	831	841	rVV	90433	154779	12.63%	1.166%
8	8.593	948	954	961	rVV3	17590	30294	2.47%	0.228%
9	9.034	1022	1029	1035	rBV	18479	31846	2.60%	0.240%
10	9.756	1146	1152	1158	rVB3	15509	26647	2.17%	0.201%
11	10.309	1240	1246	1257	rBV3	20747	39087	3.19%	0.294%
12	10.667	1300	1307	1313	rBV	122309	209753	17.12%	1.580%
13	11.407	1429	1433	1440	rBV4	7324	13563	1.11%	0.102%
14	13.828	1839	1845	1850	rBV3	8525	14282	1.17%	0.108%
15	13.910	1855	1859	1867	rVV	47621	70464	5.75%	0.531%
16	14.204	1903	1909	1918	rBV	49497	89810	7.33%	0.677%
17	14.510	1954	1961	1967	rVB	216544	321950	26.28%	2.426%
18	14.574	1967	1972	1979	rVB	23759	37305	3.04%	0.281%
19	14.727	1990	1998	2003	rBV2	124657	278031	22.69%	2.095%
20	14.909	2024	2029	2037	rVB2	22644	34808	2.84%	0.262%
21	15.502	2123	2130	2135	rVV2	72789	110917	9.05%	0.836%
22	15.561	2135	2140	2149	rVB2	37341	58358	4.76%	0.440%
23	15.685	2158	2161	2164	rVV5	8733	12912	1.05%	0.097%
24	15.855	2185	2190	2196	rVB	16314	25811	2.11%	0.194%
25	16.002	2209	2215	2222	rVB3	15838	28937	2.36%	0.218%
26	16.566	2308	2311	2316	rVB5	13317	17733	1.45%	0.134%
27	16.795	2345	2350	2353	rBV3	11295	15155	1.24%	0.114%
28	16.918	2365	2371	2378	rVB3	19191	35103	2.86%	0.264%
29	16.989	2378	2383	2386	rBV2	13569	25672	2.10%	0.193%
30	17.077	2393	2398	2408	rVB3	17912	31497	2.57%	0.237%
31	17.259	2423	2429	2432	rBV	291676	438870	35.82%	3.307%
32	17.300	2432	2436	2441	rVV	418213	590824	48.22%	4.451%
33	17.359	2441	2446	2449	rVV	95398	148338	12.11%	1.118%
34	17.394	2449	2452	2456	rVV	87059	116447	9.50%	0.877%
35	17.447	2456	2461	2467	rVB5	10305	19275	1.57%	0.145%
36	17.665	2494	2498	2502	rVB	23166	31294	2.55%	0.236%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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	17.776	2513	2517	2522	rVB2	9714	13077	1.07%	0.099%
38	17.841	2524	2528	2532	rBV4	13375	19163	1.56%	0.144%
39	18.135	2570	2578	2582	rBV	69278	108936	8.89%	0.821%
40	18.188	2582	2587	2592	rVB	95657	141044	11.51%	1.063%
41	18.264	2595	2600	2606	rBV	36556	56528	4.61%	0.426%
42	18.334	2606	2612	2615	rBV3	92379	175733	14.34%	1.324%
43	18.370	2615	2618	2623	rVB	53163	69384	5.66%	0.523%
44	18.446	2626	2631	2634	rBV7	11471	17543	1.43%	0.132%
45	18.634	2659	2663	2667	rVV	57676	75529	6.16%	0.569%
46	18.681	2667	2671	2678	rVB	42266	61409	5.01%	0.463%
47	18.763	2680	2685	2690	rBV7	7230	13172	1.08%	0.099%
48	18.887	2702	2706	2710	rVV3	22217	32342	2.64%	0.244%
49	18.934	2710	2714	2717	rVV2	20129	27761	2.27%	0.209%
50	18.975	2717	2721	2725	rVB	18815	23651	1.93%	0.178%
51	19.051	2729	2734	2741	rVV3	43701	95770	7.82%	0.722%
52	19.116	2741	2745	2749	rVV6	28607	60572	4.94%	0.456%
53	19.145	2749	2750	2754	rVV3	19946	16869	1.38%	0.127%
54	19.198	2754	2759	2767	rVB3	41590	82873	6.76%	0.624%
55	19.322	2773	2780	2786	rVV	695793	963884	78.67%	7.262%
56	19.380	2786	2790	2793	rVV	15044	19785	1.61%	0.149%
57	19.416	2793	2796	2801	rVB2	26946	35947	2.93%	0.271%
58	19.468	2801	2805	2808	rBV2	16871	24601	2.01%	0.185%
59	19.515	2808	2813	2816	rVV5	15000	25065	2.05%	0.189%
60	19.562	2816	2821	2824	rVV2	20903	38869	3.17%	0.293%
61	19.651	2831	2836	2838	rBV2	251842	380392	31.05%	2.866%
62	19.680	2838	2841	2849	rVB	593115	828513	67.62%	6.242%
63	19.750	2849	2853	2861	rBV3	44431	69887	5.70%	0.527%
64	19.862	2866	2872	2877	rBV	47957	76913	6.28%	0.579%
65	19.921	2877	2882	2888	rVB	35055	55838	4.56%	0.421%
66	20.009	2891	2897	2903	rBV2	56973	144797	11.82%	1.091%
67	20.150	2914	2921	2922	rBV4	39544	85329	6.96%	0.643%
68	20.173	2922	2925	2930	rVB	105672	144308	11.78%	1.087%
69	20.273	2938	2942	2946	rBV	59253	80979	6.61%	0.610%
70	20.332	2946	2952	2956	rVV2	80519	149074	12.17%	1.123%
71	20.373	2956	2959	2962	rVB3	19044	22794	1.86%	0.172%
72	20.414	2962	2966	2969	rBV3	18212	24952	2.04%	0.188%
73	20.473	2972	2976	2980	rBV2	40388	49763	4.06%	0.375%
74	20.514	2980	2983	2987	rBV3	41737	58837	4.80%	0.443%
75	20.632	2997	3003	3007	rVB7	24868	50457	4.12%	0.380%
76	20.732	3015	3020	3023	rBV5	33535	54437	4.44%	0.410%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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	20.767	3023	3026	3029	rBV4	16642	21384	1.75%	0.161%
78	20.837	3036	3038	3043	rVB5	14829	14332	1.17%	0.108%
79	20.890	3043	3047	3049	rBV5	16458	26177	2.14%	0.197%
80	20.931	3050	3054	3060	rVB	74700	110209	8.99%	0.830%
81	21.108	3077	3084	3087	rBV3	51834	115421	9.42%	0.870%
82	21.149	3087	3091	3094	rVV	66438	104730	8.55%	0.789%
83	21.196	3094	3099	3104	rVV3	65661	155312	12.68%	1.170%
84	21.255	3104	3109	3119	rVB2	75068	144311	11.78%	1.087%
85	21.401	3132	3134	3139	rVB	37771	44841	3.66%	0.338%
86	21.454	3140	3143	3144	rVV2	16328	15611	1.27%	0.118%
87	21.507	3144	3152	3157	rVV3	490253	1225265	100.00%	9.231%
88	21.560	3157	3161	3173	rVB	290329	498209	40.66%	3.754%
89	21.707	3181	3186	3192	rBV	49809	89817	7.33%	0.677%
90	21.913	3216	3221	3227	rBV3	36201	70278	5.74%	0.529%
91	22.218	3268	3273	3280	rVB2	63634	112544	9.19%	0.848%
92	22.289	3281	3285	3291	rVB3	46627	75947	6.20%	0.572%
93	22.483	3314	3318	3321	rBV4	21078	34630	2.83%	0.261%
94	23.628	3505	3513	3520	rBV	184920	590562	48.20%	4.449%
95	23.869	3551	3554	3564	rVB2	38878	82985	6.77%	0.625%
96	24.069	3583	3588	3589	rBV5	15925	26134	2.13%	0.197%
97	24.310	3623	3629	3637	rBV	88584	238659	19.48%	1.798%
98	24.457	3647	3654	3662	rVB	170154	439940	35.91%	3.315%
99	24.598	3669	3678	3687	rBV	218591	626556	51.14%	4.721%
100	28.094	4264	4273	4289	rVB2	66100	318584	26.00%	2.400%

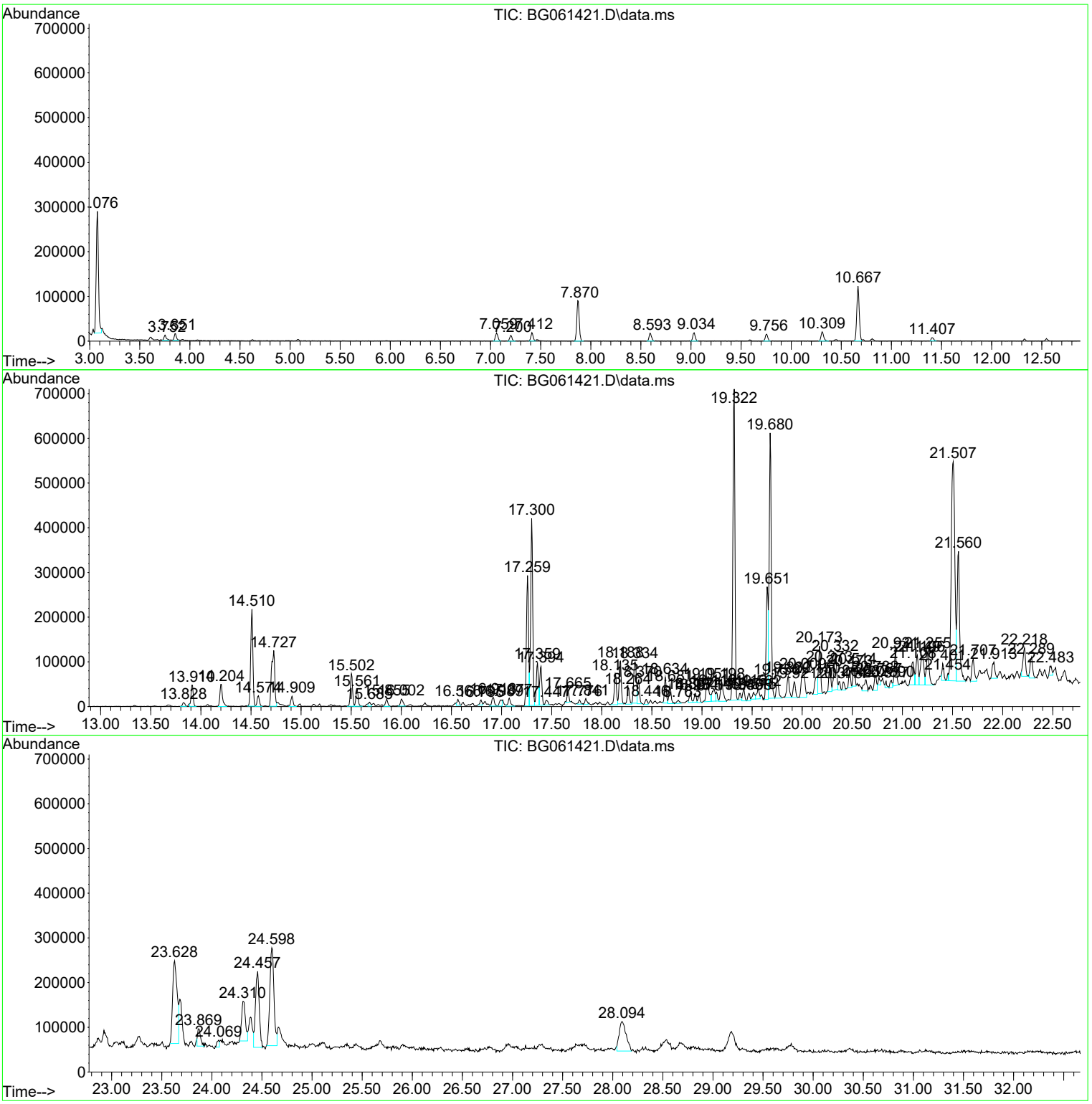
Sum of corrected areas: 13272712

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

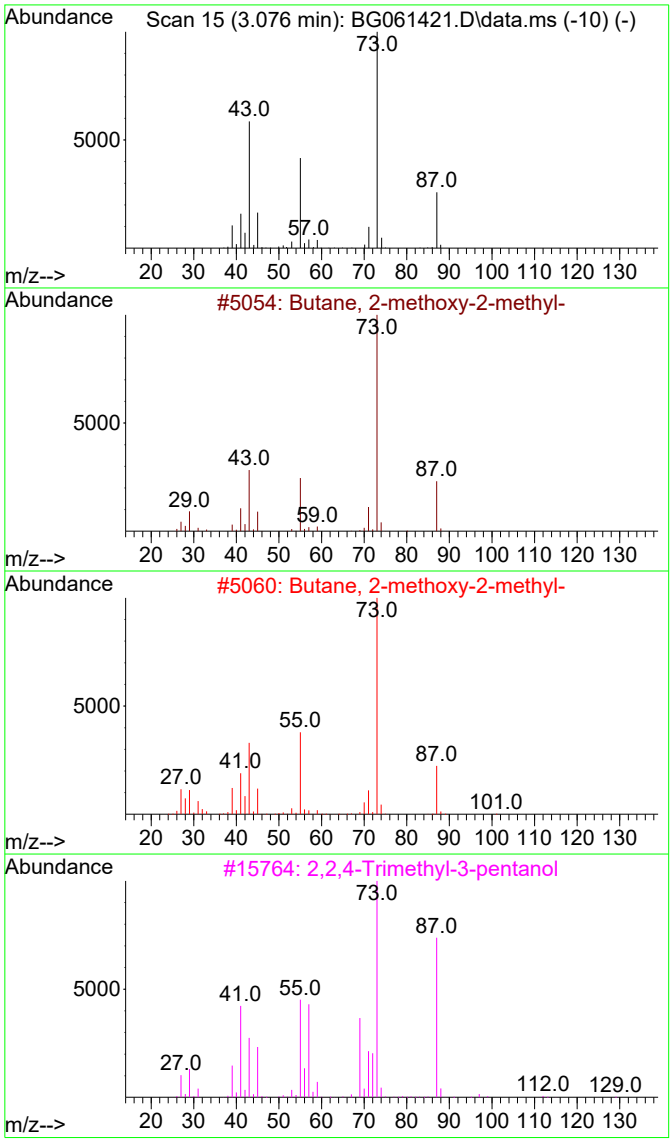
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

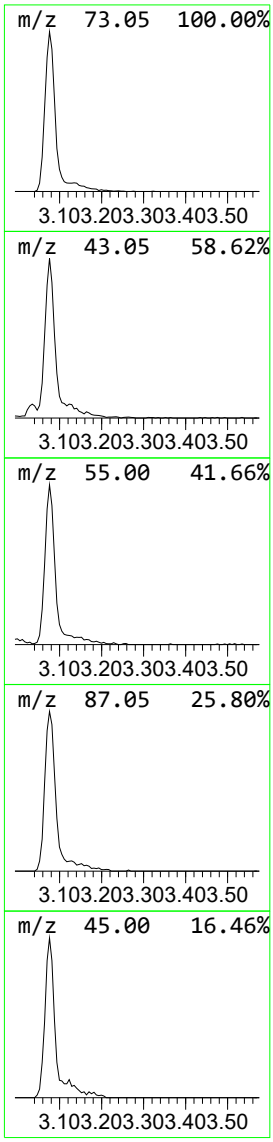
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	55.46 ng/ul	429240	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

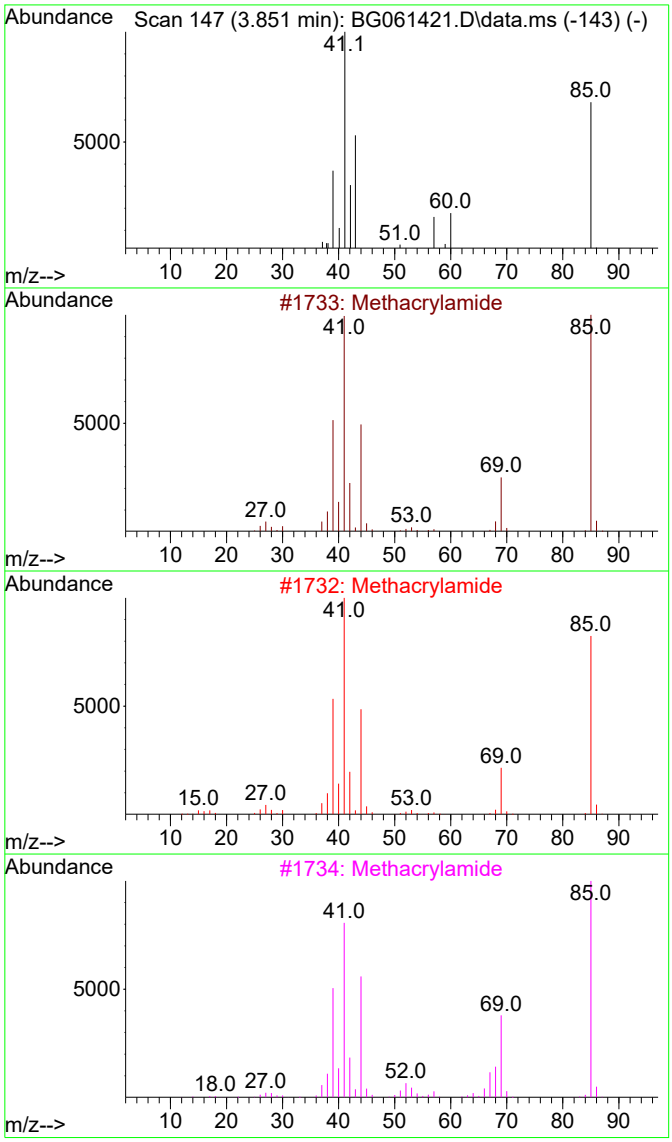
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

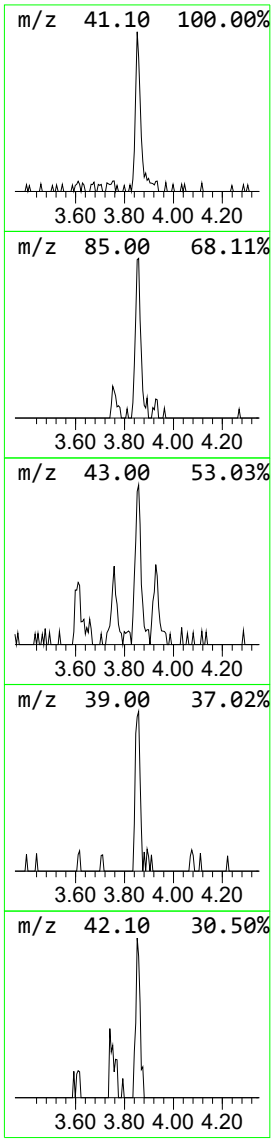
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.851	2.89 ng/ul	22356	1,4-Dichlorobenzene-d4	7.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	47
2	Methacrylamide	85	C4H7NO	000079-39-0	47
3	Methacrylamide	85	C4H7NO	000079-39-0	25
4	Propene	42	C3H6	000115-07-1	10
5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

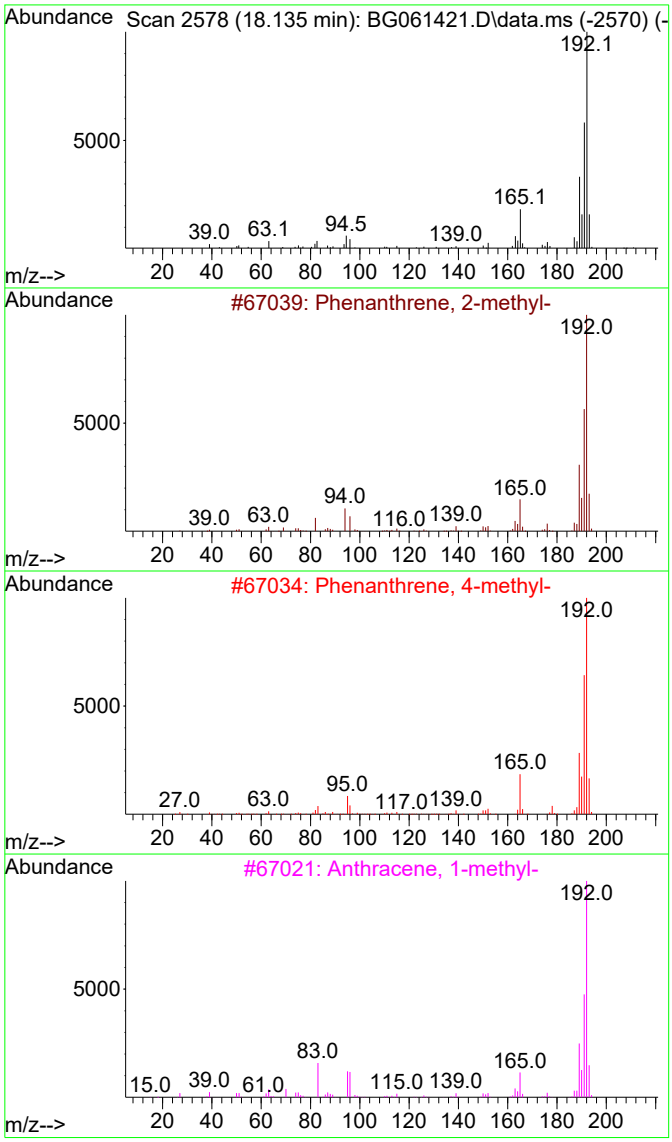
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

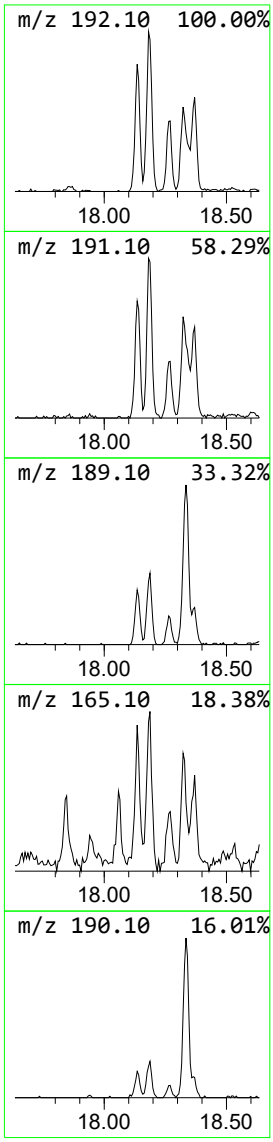
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.135	4.96 ng/ul	108936	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

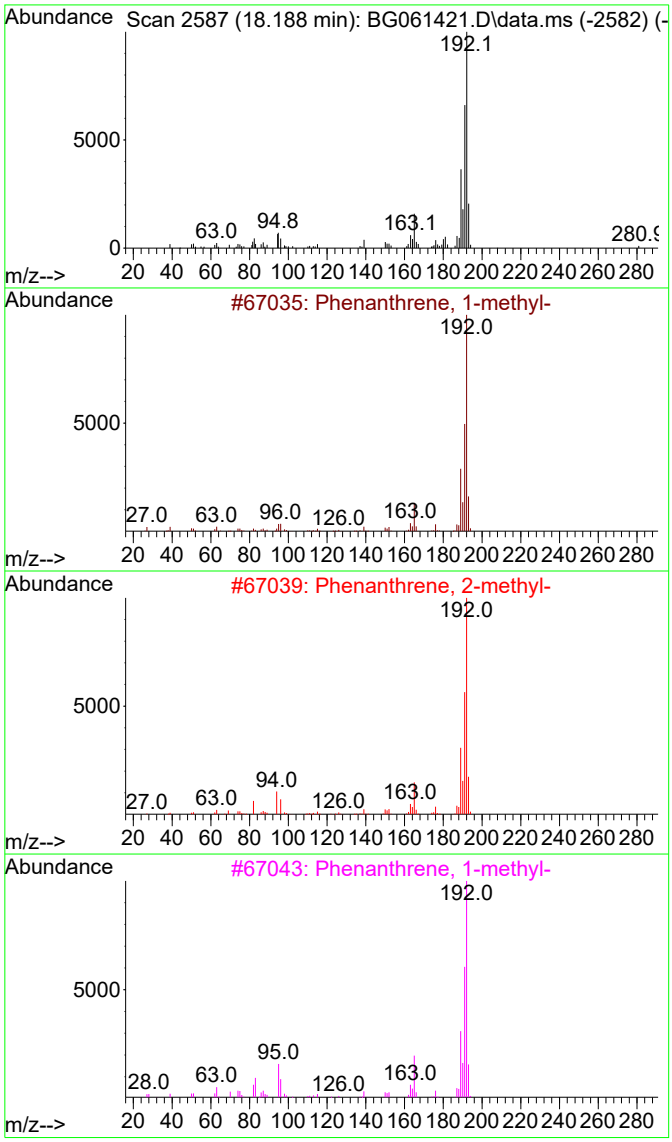
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

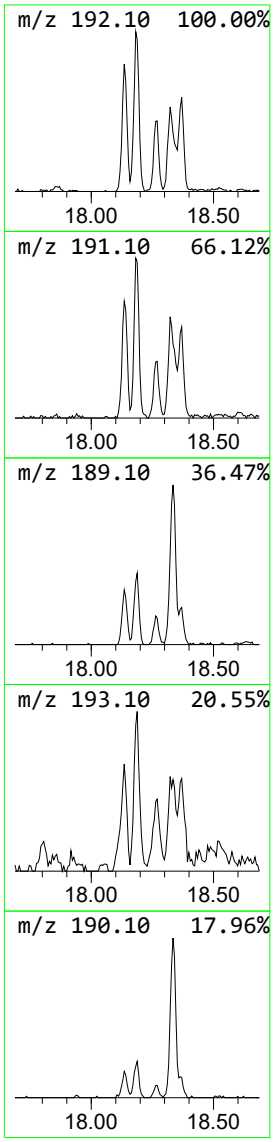
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	6.43 ng/ul	141044	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, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

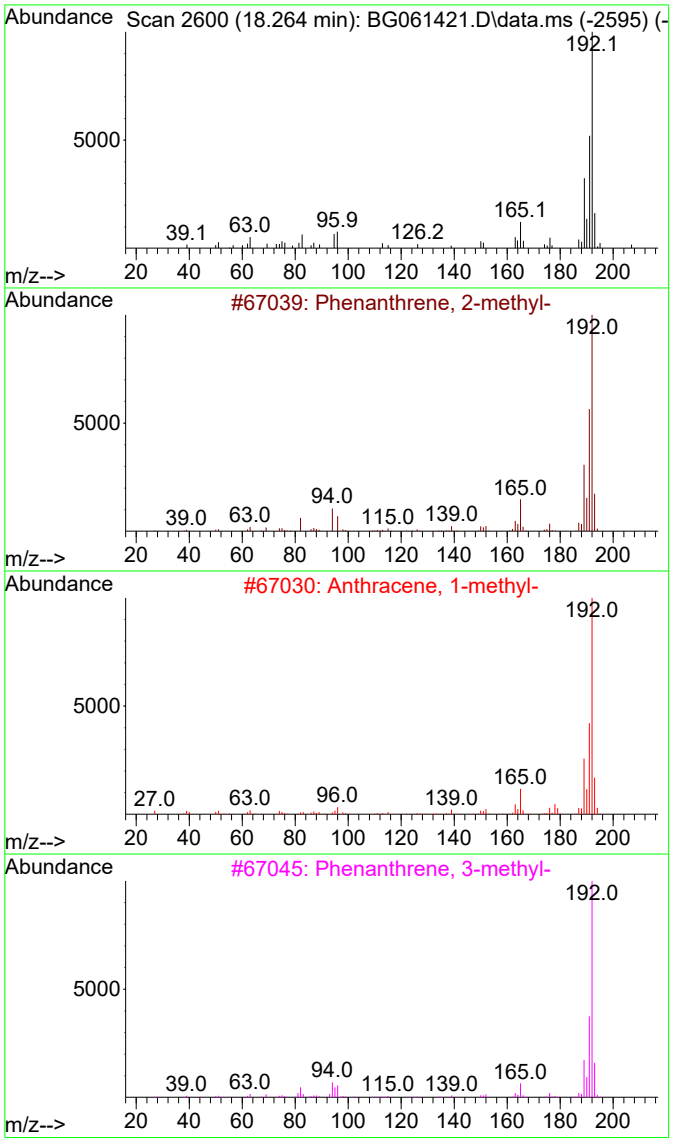
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

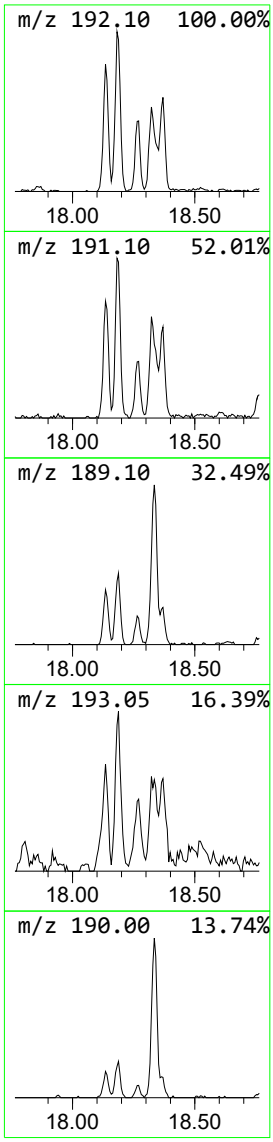
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.264	2.58 ng/ul	56528	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

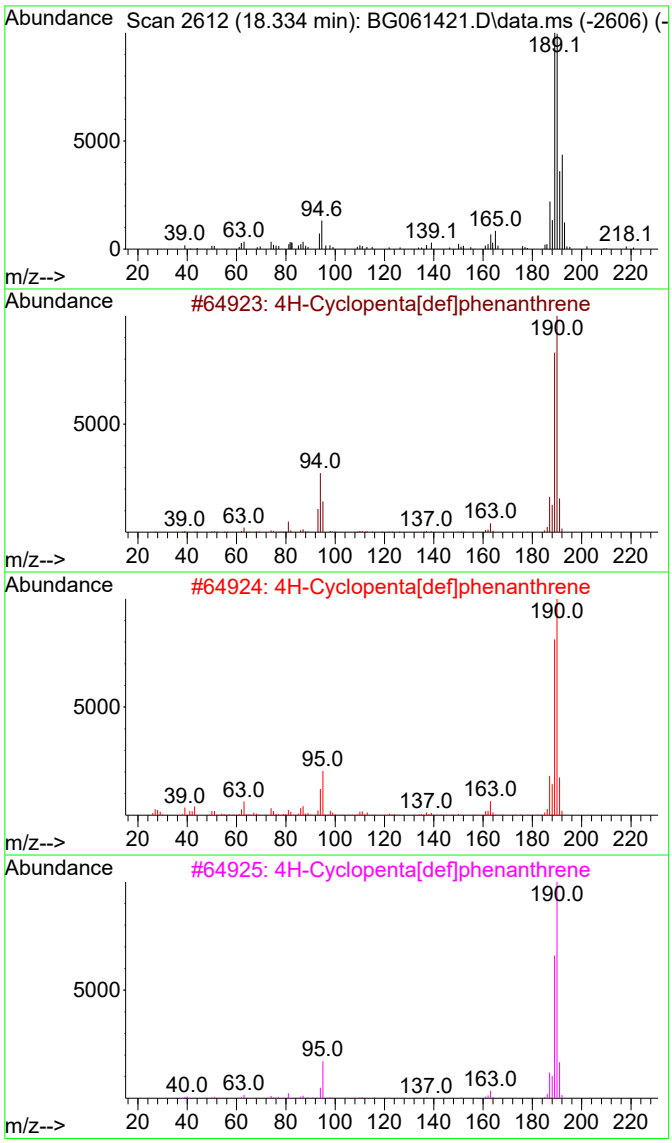
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

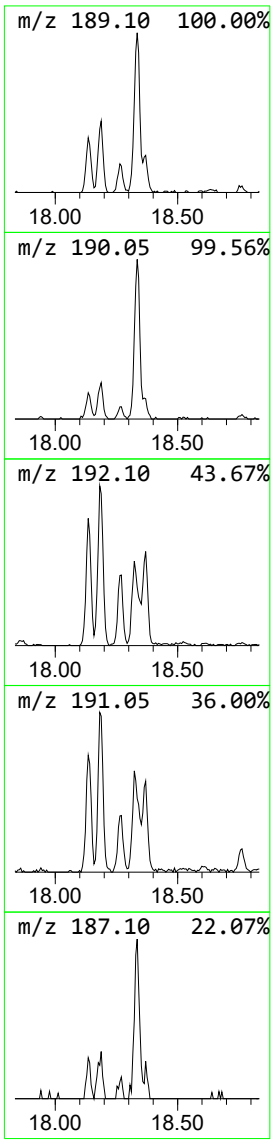
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	8.01 ng/ul	175733	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

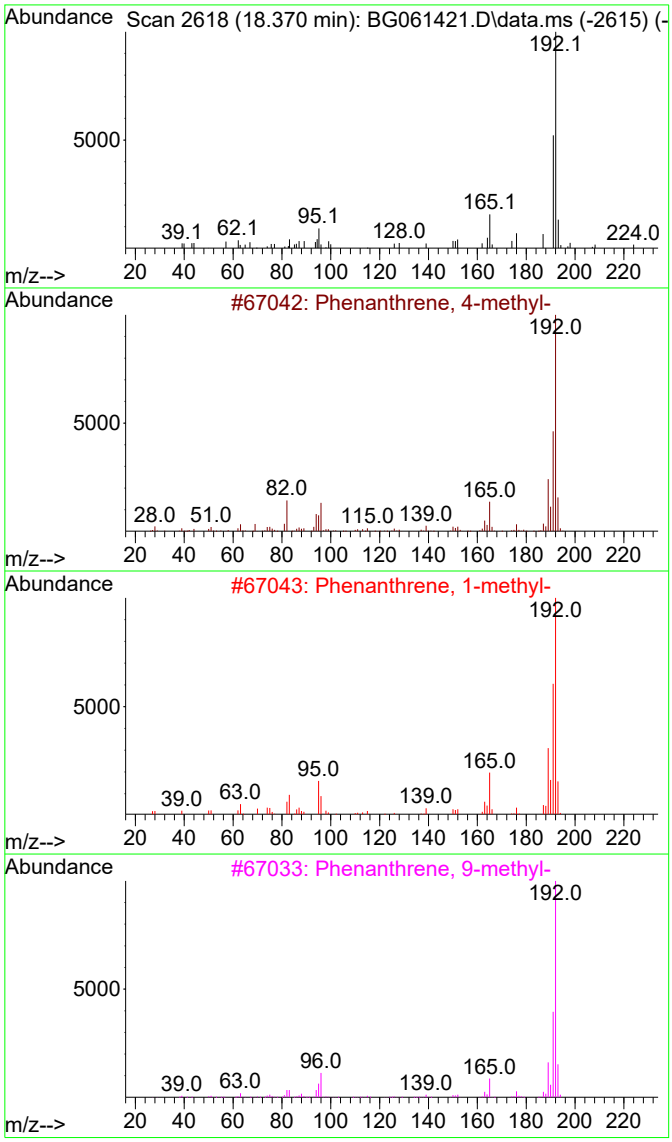
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

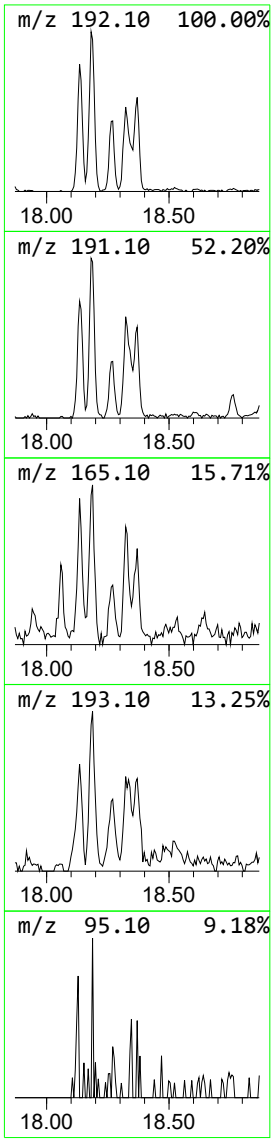
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.370	3.16 ng/ul	69384	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

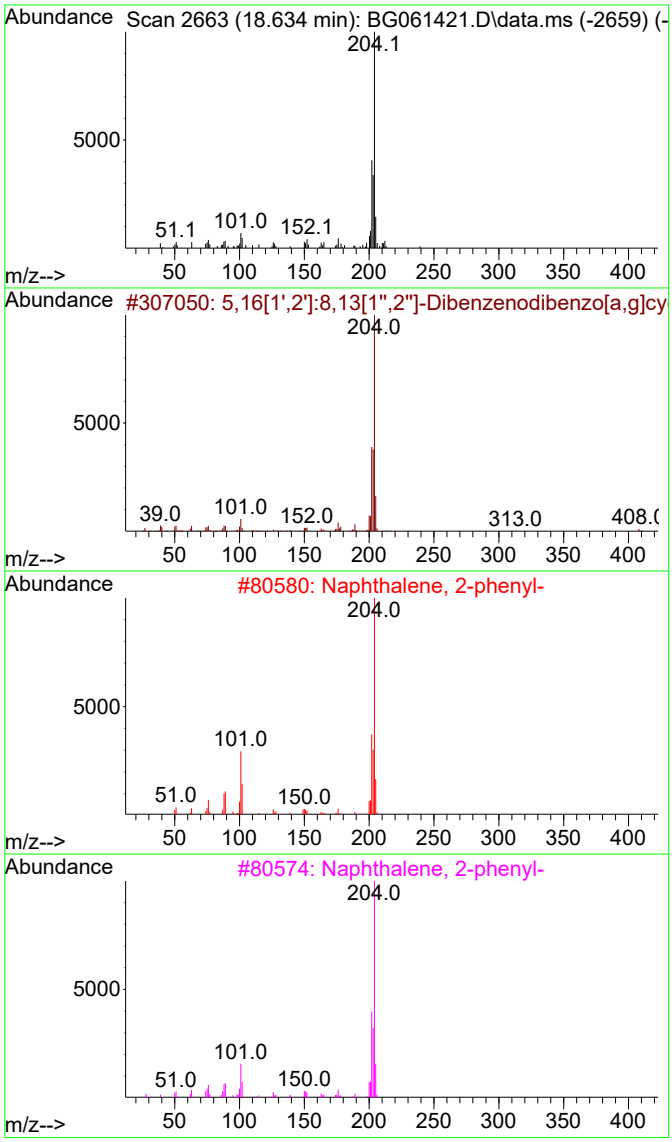
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

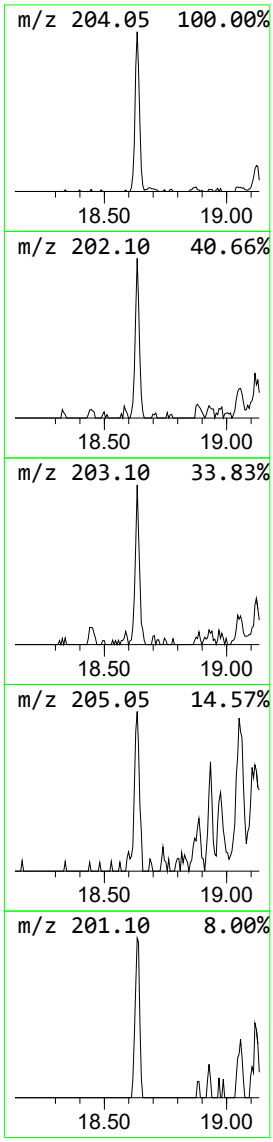
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	3.44 ng/ul	75529	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
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	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

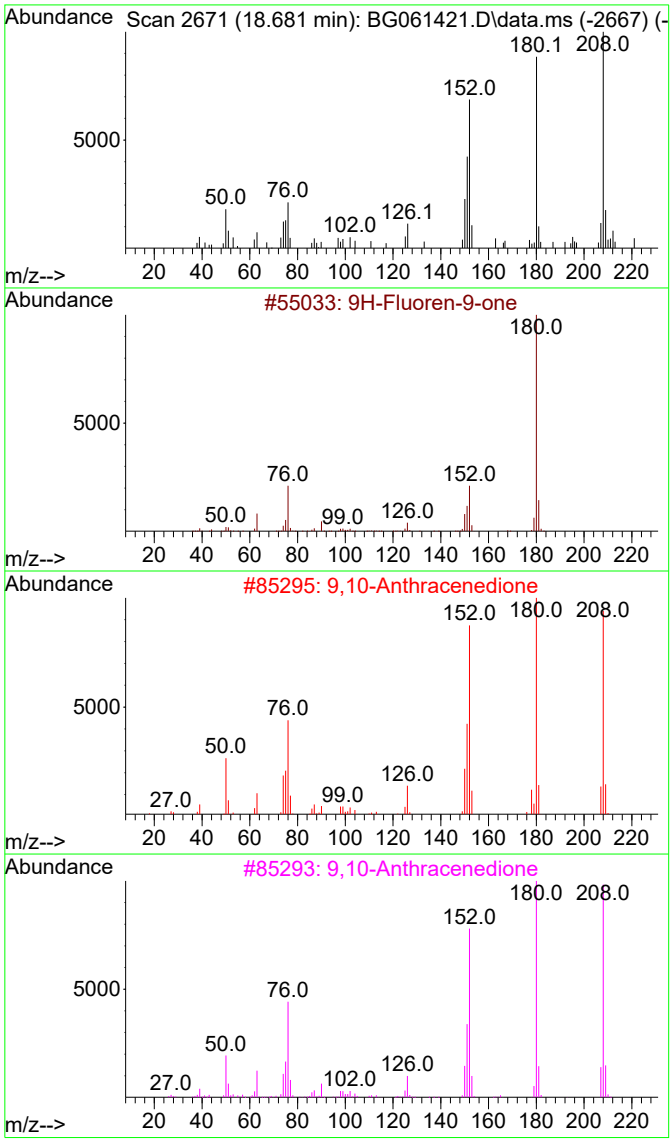
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

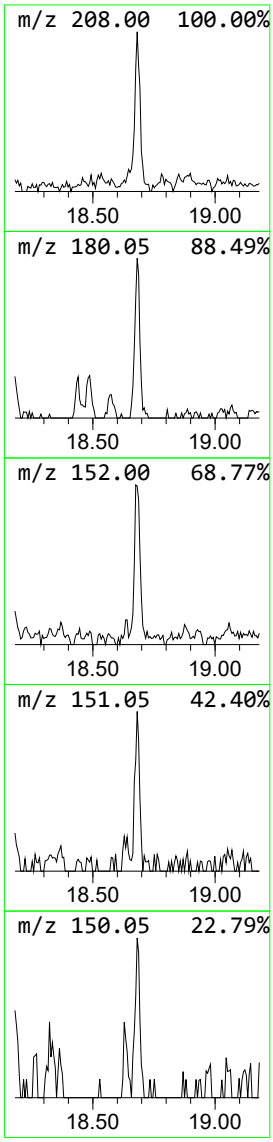
****

Peak Number 9 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	2.80 ng/ul	61409	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

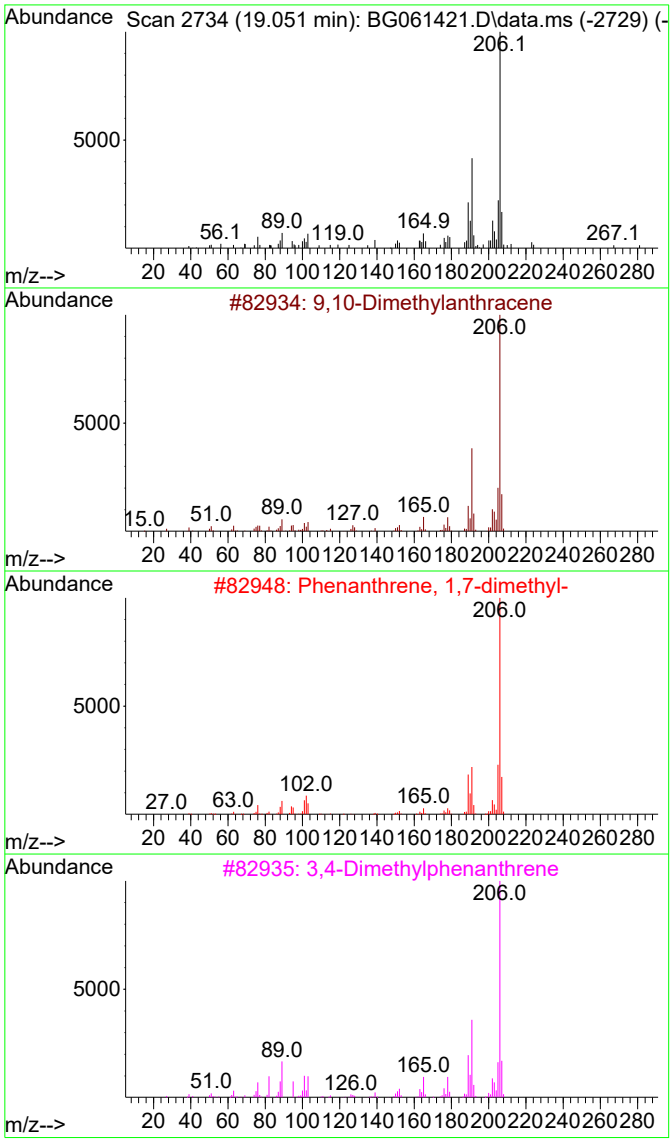
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

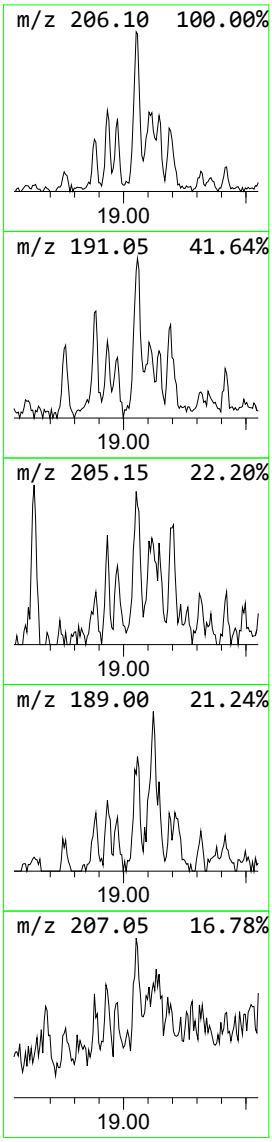
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	4.36 ng/ul	95770	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

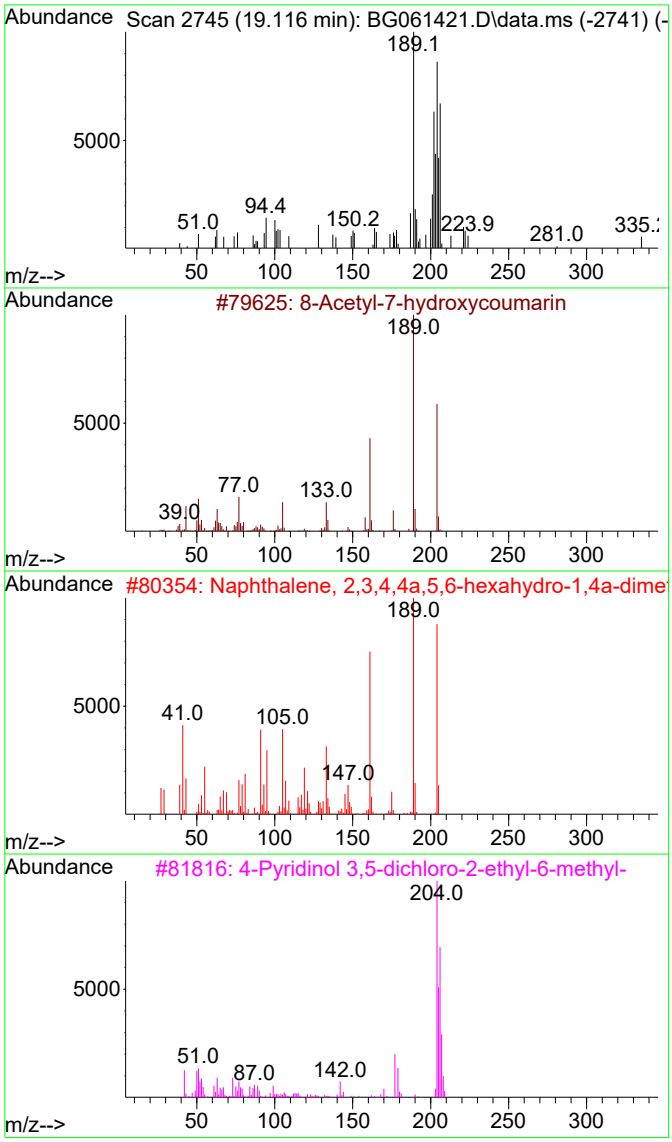
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

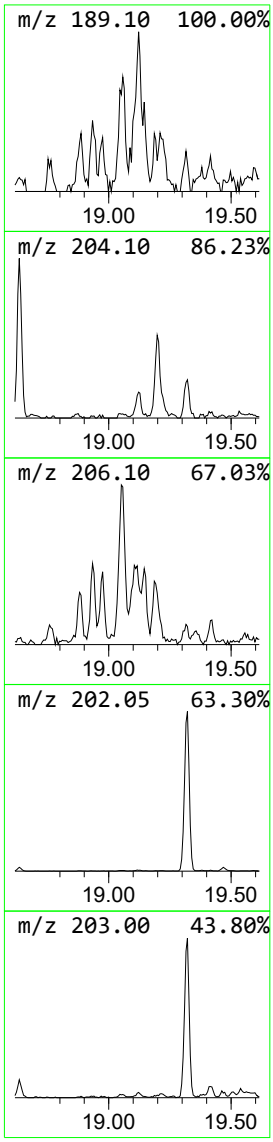
****

Peak Number 11 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	2.76 ng/ul	60572	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Acetyl-7-hydroxycoumarin	204	C11H8O4	006748-68-1	38
2	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	35
3	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	35
4	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	30
5	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	25





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

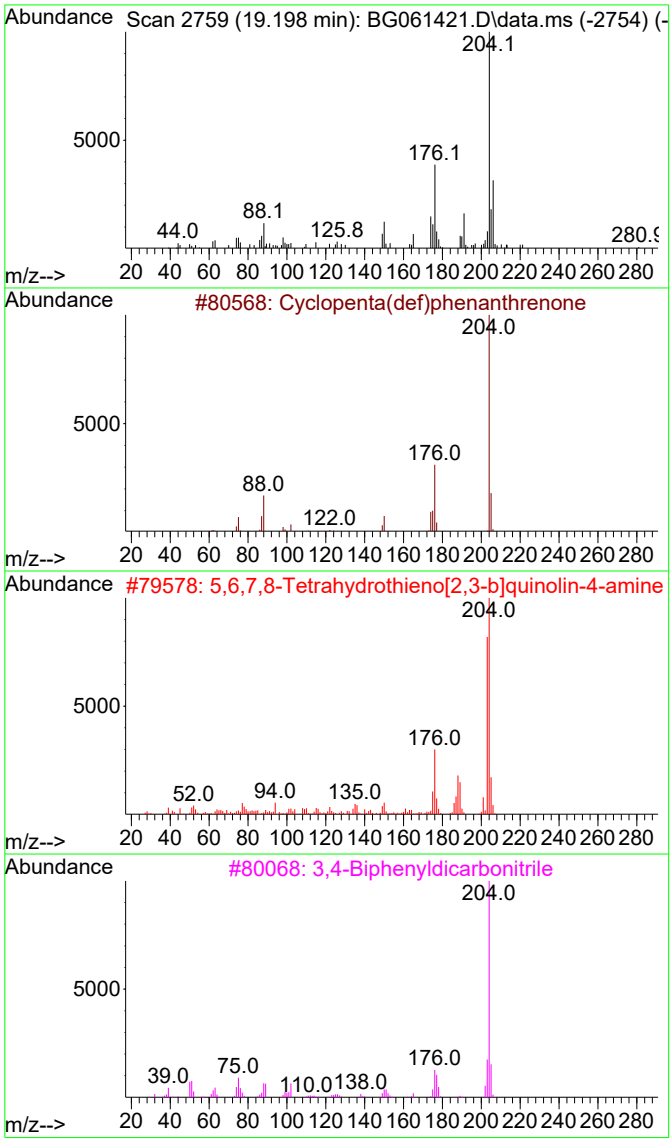
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

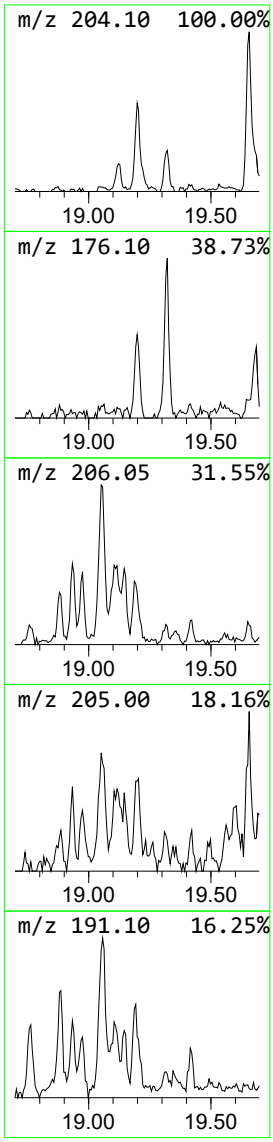
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	3.78 ng/ul	82873	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	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	46





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Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

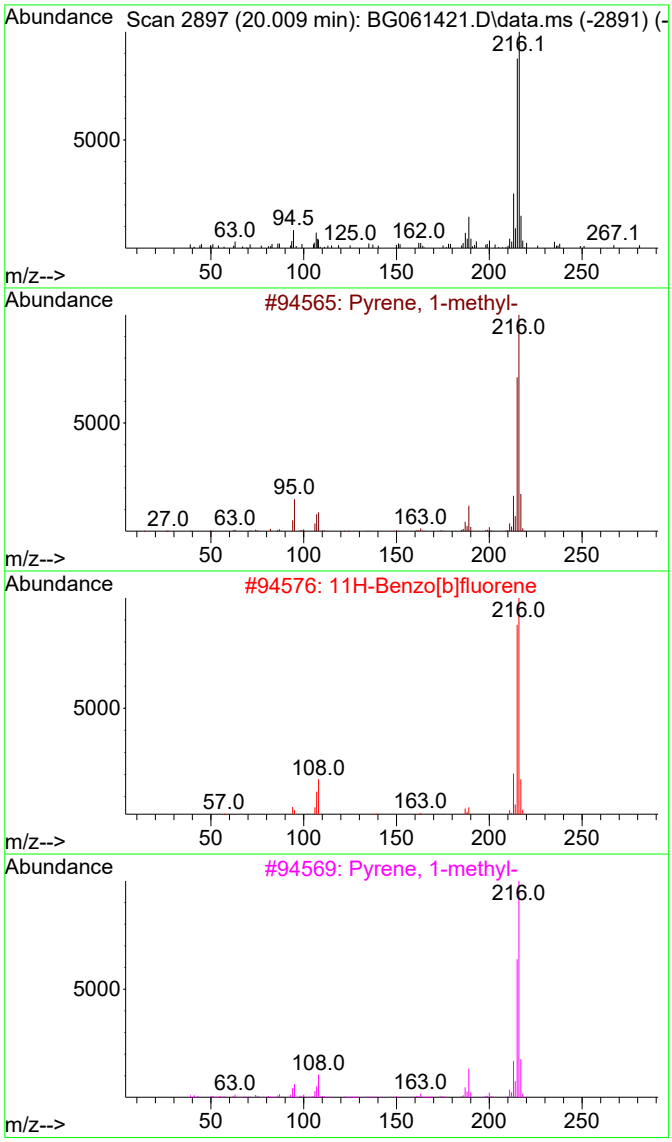
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

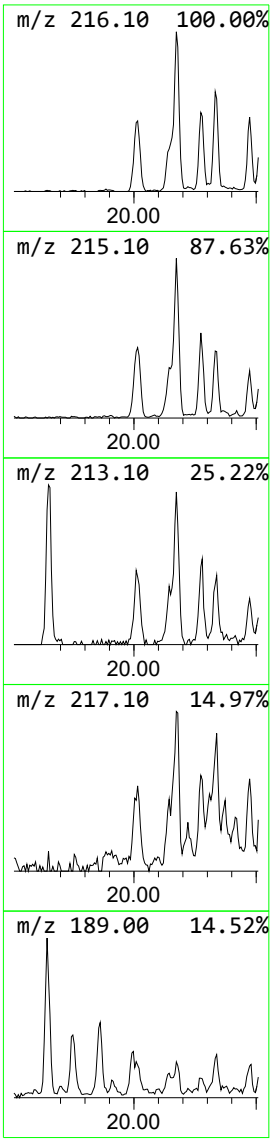
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	2.36 ng/ul	144797	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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

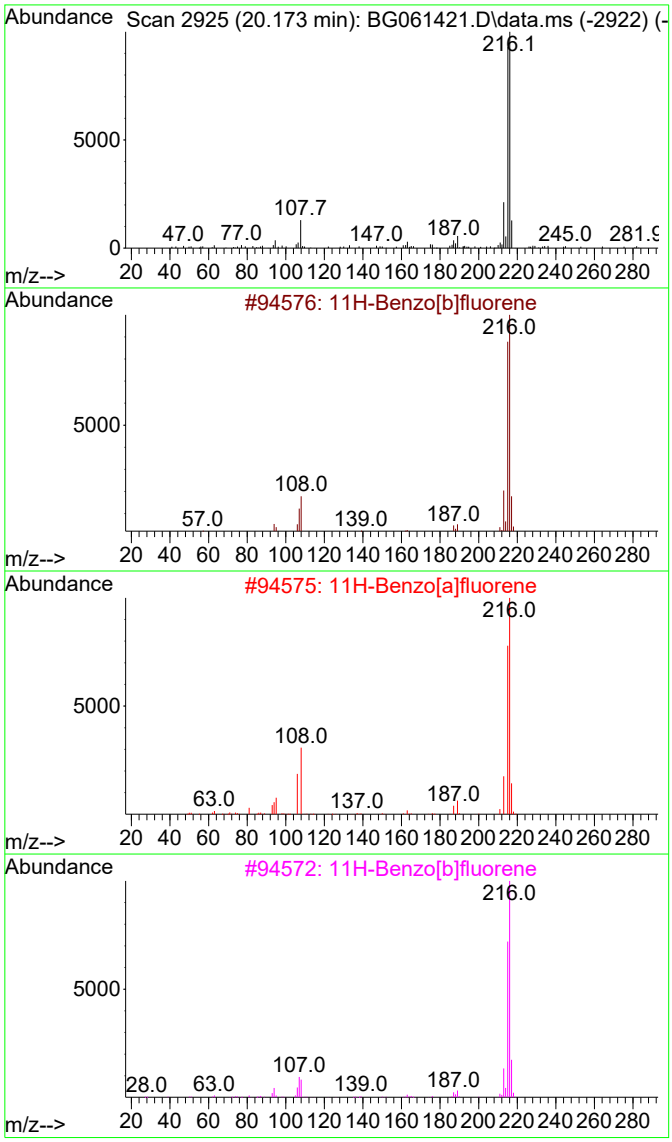
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

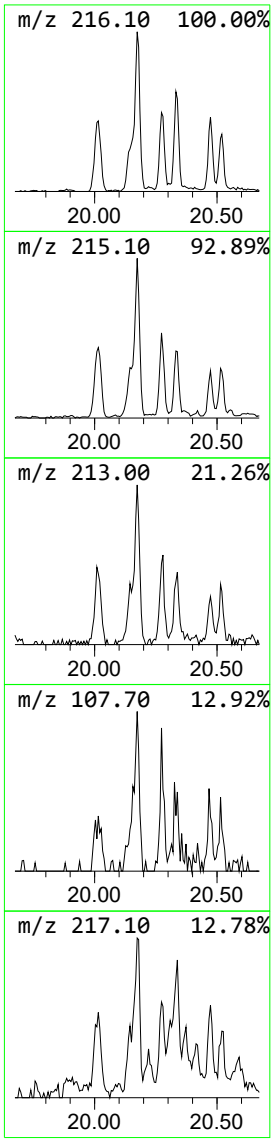
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.36 ng/ul	144308	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64





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Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

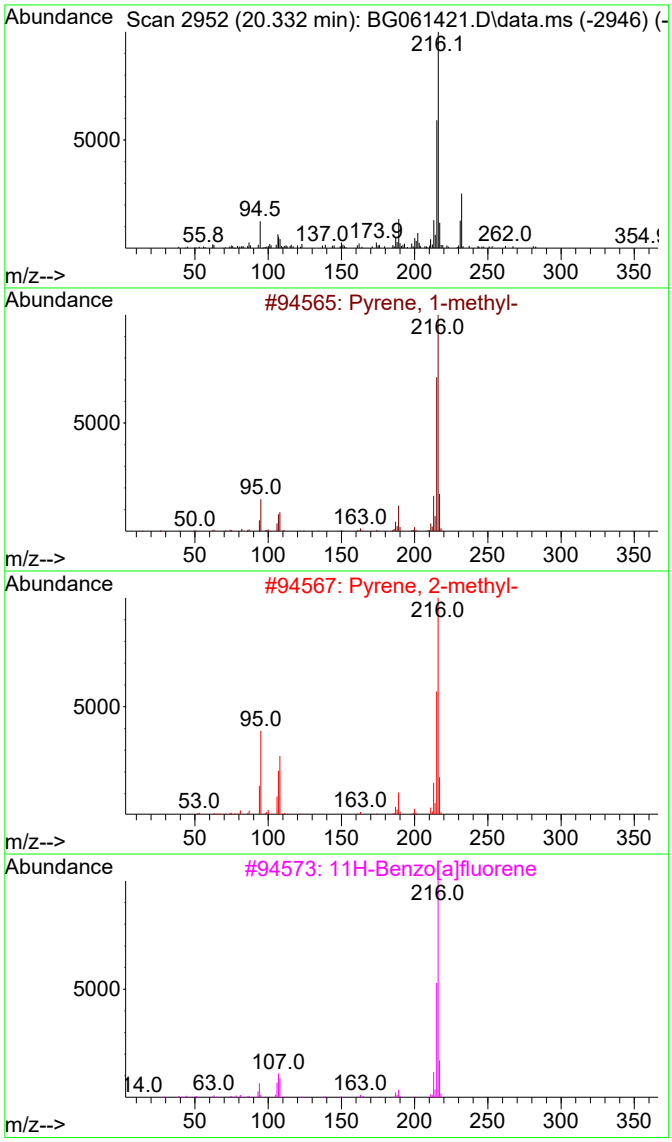
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

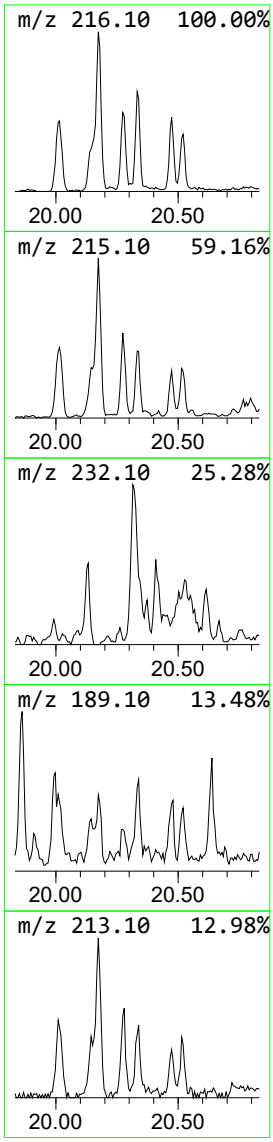
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.332	2.43 ng/ul	149074	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68





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Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

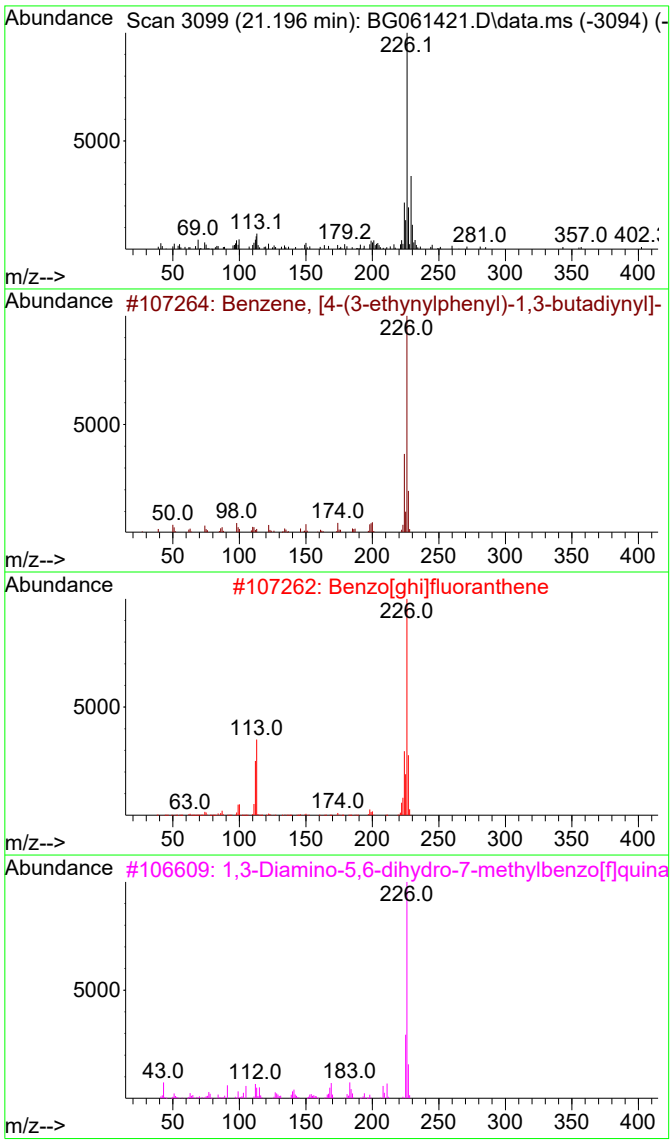
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

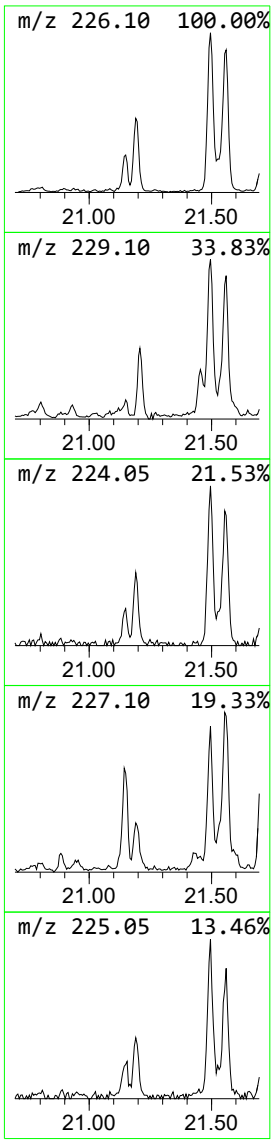
****

Peak Number 16 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.196	2.54 ng/ul	155312	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	49
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43





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Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

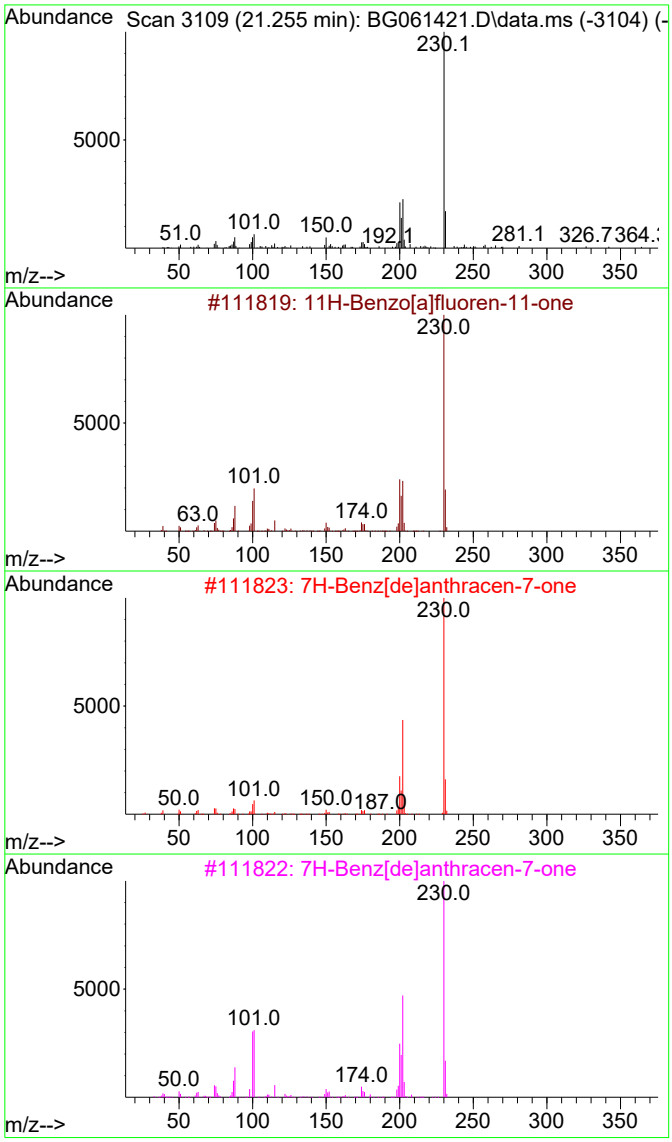
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

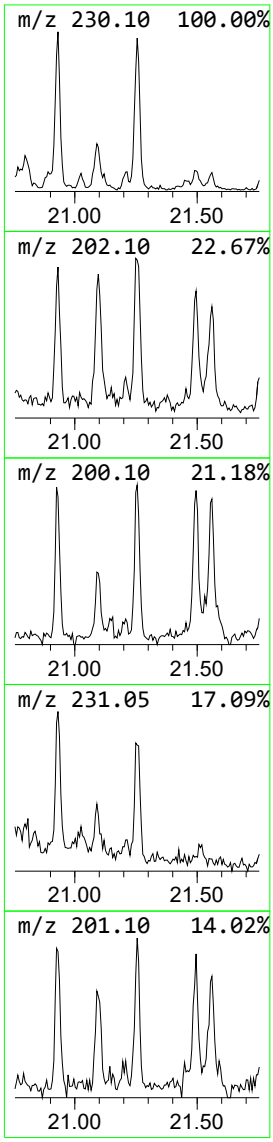
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.255	2.36 ng/ul	144311	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	90
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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

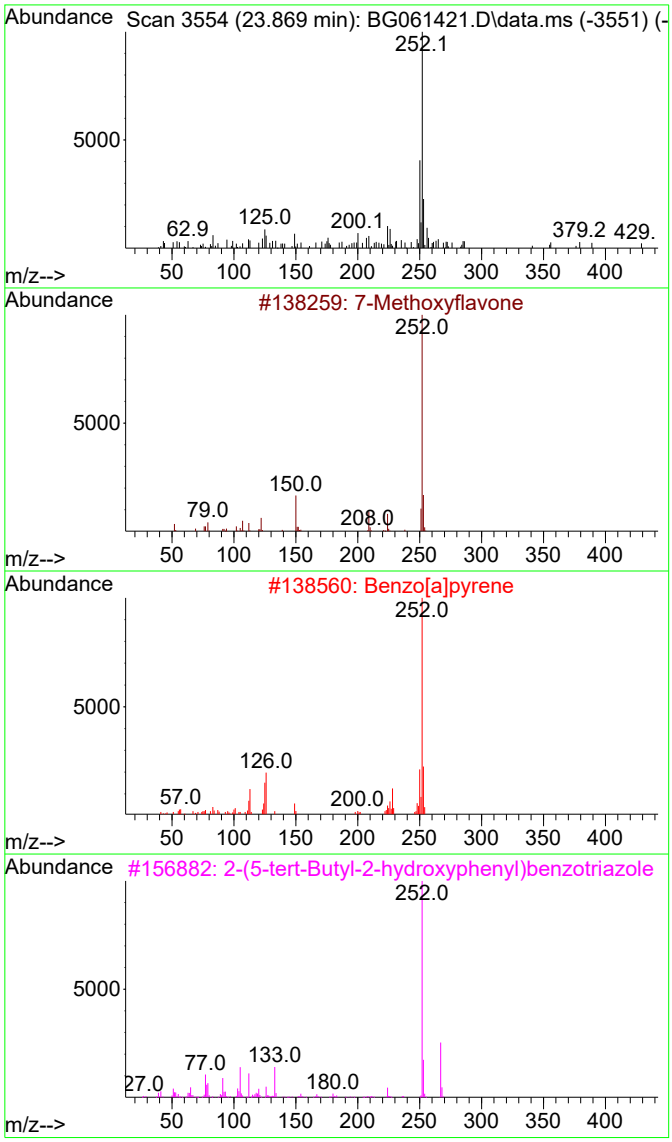
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

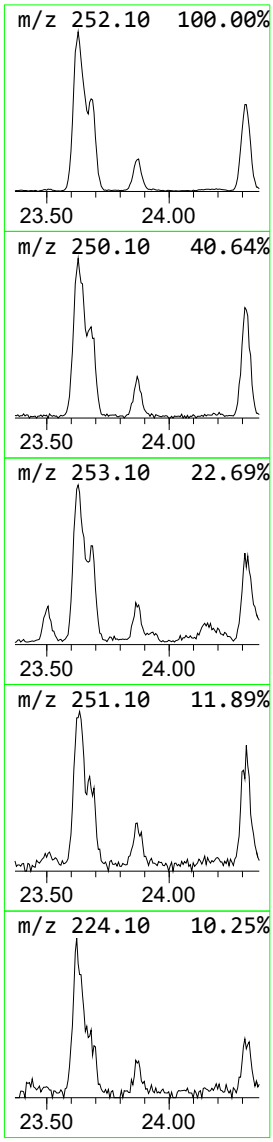
****

Peak Number 18 7-Methoxyflavone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.869	2.65 ng/ul	82985	Perylene-d12	24.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxyflavone	252	C16H12O3	022395-22-8	52
2	Benzo[a]pyrene	252	C20H12	000050-32-8	50
3	2-(5-tert-Butyl-2-hydroxyphenyl)...	267	C16H17N3O	003147-76-0	47
4	2-[3-Methoxyphenyl]-4H-1-benzopy...	252	C16H12O3	053906-83-5	47
5	3-(4-Methoxyphenyl)coumarin	252	C16H12O3	023000-33-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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

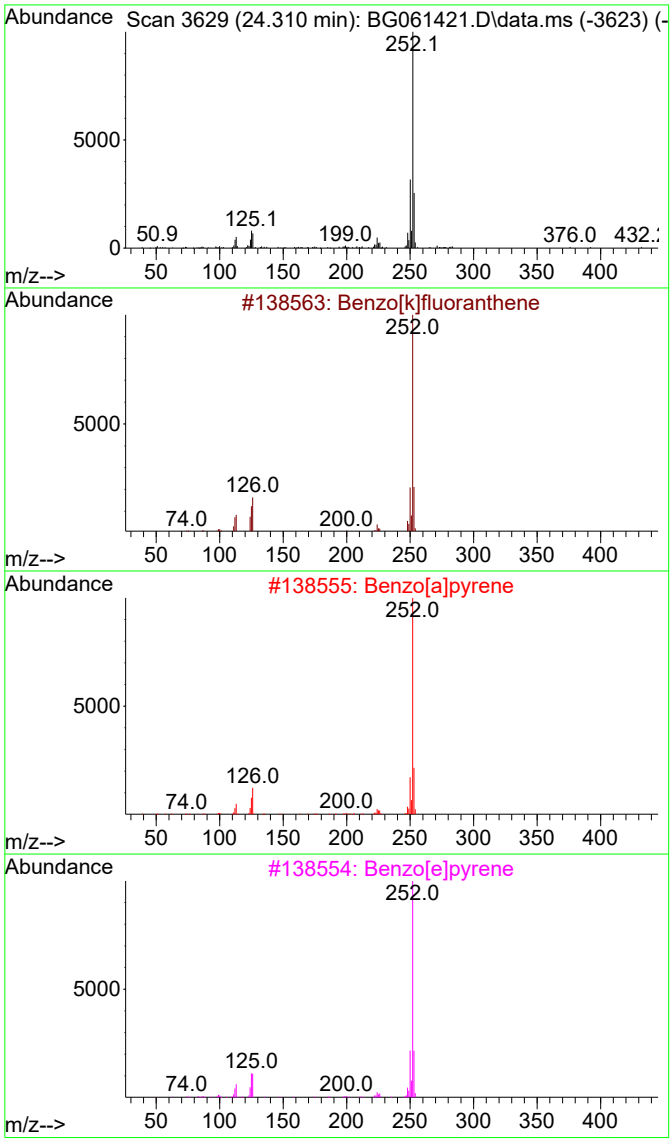
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

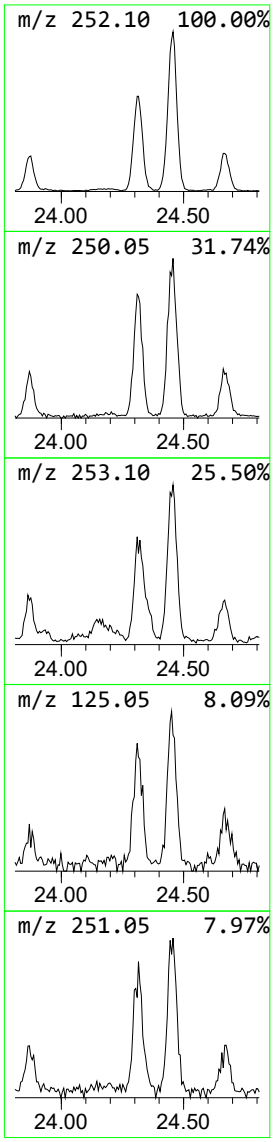
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.310	7.62 ng/ul	238659	Perylene-d12	24.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061421.D
Acq On : 3 Jun 2024 13:21
Operator : MA/JU
Sample : P2588-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T9DL

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...	3.076	55.5	ng/ul	429240	1	7.870	154779	20.0
unknown-01	3.851	2.9	ng/ul	22356	1	7.870	154779	20.0
Phenanthrene, 2...	18.135	5.0	ng/ul	108936	4	17.259	438870	20.0
Phenanthrene, 1...	18.188	6.4	ng/ul	141044	4	17.259	438870	20.0
Anthracene, 1-m...	18.264	2.6	ng/ul	56528	4	17.259	438870	20.0
4H-Cyclopenta[d...	18.334	8.0	ng/ul	175733	4	17.259	438870	20.0
Phenanthrene, 4...	18.370	3.2	ng/ul	69384	4	17.259	438870	20.0
5,16[1',2']:8,1...	18.634	3.4	ng/ul	75529	4	17.259	438870	20.0
9H-Fluoren-9-one	18.681	2.8	ng/ul	61409	4	17.259	438870	20.0
9,10-Dimethylan...	19.051	4.4	ng/ul	95770	4	17.259	438870	20.0
unknown-02	19.116	2.8	ng/ul	60572	4	17.259	438870	20.0
Cyclopenta(def)...	19.198	3.8	ng/ul	82873	4	17.259	438870	20.0
Pyrene, 1-methyl-	20.009	2.4	ng/ul	144797	5	21.513	1225270	20.0
11H-Benzo[b]flu...	20.174	2.4	ng/ul	144308	5	21.513	1225270	20.0
Pyrene, 2-methyl-	20.332	2.4	ng/ul	149074	5	21.513	1225270	20.0
unknown-03	21.196	2.5	ng/ul	155312	5	21.513	1225270	20.0
11H-Benzo[a]flu...	21.255	2.4	ng/ul	144311	5	21.513	1225270	20.0
7-Methoxyflavone	23.869	2.6	ng/ul	82985	6	24.598	626556	20.0
Benzo[e]pyrene	24.310	7.6	ng/ul	238659	6	24.598	626556	20.0