LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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: BG061457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.069	9	14	42	rVB	1114039	1889566	82.18%	5.551%
2	3.745	124	129	137	rBV2	26535	45220	1.97%	0.133%
3	3.851	143	147	155	rVV	16954	24150	1.05%	0.071%
4	7.065	688	694	705	rVB	119373	211951	9.22%	0.623%
5	7.206	711	718	724	rBV	75210	118078	5.14%	0.347%
6	7.417	745	754	759	rBV	112465	188146	8.18%	0.553%
7	7.876	824	832	839	rBV	103592	171947	7.48%	0.505%
8	8.598	948	955	967	rBV	141043	235185	10.23%	0.691%
9	9.033	1022	1029	1037	rVV	119044	199916	8.69%	0.587%
10	9.756	1146	1152	1161	rVB2	109724	189801	8.25%	0.558%
11	10.308	1239	1246	1254	rBV	156354	276587	12.03%	0.813%
12	10.672	1298	1308	1313	rBV	148237	266027	11.57%	0.782%
13	10.813	1326	1332	1339	rVB2	17355	32562	1.42%	0.096%
14	12.552	1622	1628	1634	rVB2	14766	24267	1.06%	0.071%
15	13.833	1840	1846	1851	rBV2	26971	45481	1.98%	0.134%
16	13.916	1851	1860	1866	rVV	286114	432900	18.83%	1.272%
17	14.068	1880	1886	1890	rVV2	14472	25499	1.11%	0.075%
18	14.203	1903	1909	1924	rBV2	302763	534231	23.23%	1.570%
19	14.509	1949	1961	1968	rBV	240293	390810	17.00%	1.148%
20	14.574	1968	1972	1981	rVB3	14494	28525	1.24%	0.084%
21	14.762	1990	2004	2010	rBV	79913	169034	7.35%	0.497%
22	14.908	2026	2029	2035	rVV	31504	49189	2.14%	0.145%
23	14.991	2038	2043	2048	rVB2	23467	33731	1.47%	0.099%
24	15.126	2058	2066	2072	rBV3	23725	44421	1.93%	0.131%
25	15.302	2087	2096	2099	rBV5	19842	41654	1.81%	0.122%
26	15.508	2122	2131	2136	rVV	428743	628374	27.33%	1.846%
27	15.561	2136	2140	2144	rVV2	41036	61961	2.69%	0.182%
28	15.649	2150	2155	2164	rBV	119426	205962	8.96%	0.605%
29	15.860	2185	2191	2197	rVB3	20716	40327	1.75%	0.118%
30	16.013	2212	2217	2223	rVB4	18688	35080	1.53%	0.103%
31	16.242	2248	2256	2262	rBV7	43039	93466	4.06%	0.275%
32	16.565	2302	2311	2316	rVV5	30367	72264	3.14%	0.212%
33	16.618	2316	2320	2325	rVB	24693	38756	1.69%	0.114%
34	16.718	2333	2337	2342	rVB2	17313	26102	1.14%	0.077%
35	16.800	2342	2351	2355	rBV6	23356	53675	2.33%	0.158%
36	16.924	2366	2372	2378	rVV2	51249	92663	4.03%	0.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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	17.000	2378	2385	2386	rVV5	17305	32521	1.41%	0.096%
38	17.018	2386	2388	2391	rVV3	21056	23931	1.04%	0.070%
39	17.076	2394	2398	2408	rVB	48062	84910	3.69%	0.249%
40	17.265	2423	2430	2433	rBV	305494	465548	20.25%	1.368%
41	17.306	2433	2437	2442	rVB	708386	986307	42.89%	2.898%
42	17.364	2442	2447	2451	rBV2	442822	631887	27.48%	1.856%
43	17.458	2457	2463	2468	rBV2	35382	68525	2.98%	0.201%
44	17.576	2480	2483	2488	rVB3	25702	36382	1.58%	0.107%
45	17.670	2492	2499	2504	rBV	47752	86552	3.76%	0.254%
46	17.782	2511	2518	2521	rVB2	35592	57984	2.52%	0.170%
47	17.846	2524	2529	2538	rVB2	73066	128376	5.58%	0.377%
48	17.987	2549	2553	2559	rVB	34927	68255	2.97%	0.201%
49	18.064	2562	2566	2570	rBV2	24420	32847	1.43%	0.097%
50	18.140	2571	2579	2584	rBV	268849	532970	23.18%	1.566%
51	18.193	2584	2588	2593	rVV	326588	498565	21.68%	1.465%
52	18.275	2597	2602	2606	rBV2	33307	54279	2.36%	0.159%
53	18.334	2606	2612	2616	rBV3	283597	527139	22.93%	1.549%
54	18.375	2616	2619	2627	rVB	200833	273924	11.91%	0.805%
55	18.451	2628	2632	2636	rBV4	38051	48892	2.13%	0.144%
56	18.493	2636	2639	2642	rBV4	22003	24214	1.05%	0.071%
57	18.540	2643	2647	2652	rVB3	34300	49589	2.16%	0.146%
58	18.587	2652	2655	2660	rBV8	14517	31015	1.35%	0.091%
59	18.639	2660	2664	2668	rBV	143798	199330	8.67%	0.586%
60	18.686	2668	2672	2682	rVB2	172152	290405	12.63%	0.853%
61	18.857	2698	2701	2702	rBV3	32340	30657	1.33%	0.090%
62	18.886	2703	2706	2711	rVV	88557	126649	5.51%	0.372%
63	18.939	2711	2715	2718	rVV	135467	171858	7.47%	0.505%
64	18.980	2718	2722	2726	rVB	92137	120845	5.26%	0.355%
65	19.062	2730	2736	2741	rBV	288923	521227	22.67%	1.531%
66	19.121	2741	2746	2749	rVV3	113945	224153	9.75%	0.659%
67	19.151	2749	2751	2755	rVB	93667	109804	4.78%	0.323%
68	19.203	2755	2760	2767	rBV3	170783	371405	16.15%	1.091%
69	19.327	2773	2781	2787	rVB	1514294	2156388	93.78%	6.335%
70	19.386	2787	2791	2794	rBV	72002	105466	4.59%	0.310%
71	19.421	2794	2797	2803	rVV3	65966	117613	5.11%	0.346%
72	19.474	2803	2806	2810	rVB	46478	56835	2.47%	0.167%
73	19.527	2812	2815	2818	rVV3	50779	60181	2.62%	0.177%
74	19.568	2818	2822	2825	rVV	59462	73244	3.19%	0.215%
75	19.662	2832	2838	2840	rBV2	715699	1169546	50.86%	3.436%
76	19.691	2840	2843	2851	rVV	1638493	2299390	100.00%	6.755%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBM5

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	19.762	2851	2855	2860	rVB3	189277	283739	12.34%	0.834%
78	19.926	2879	2883	2889	rVB2	103119	171645	7.46%	0.504%
79	20.014	2892	2898	2908	rBV4	192588	556637	24.21%	1.635%
80	20.097	2909	2912	2915	rVV2	57470	85407	3.71%	0.251%
81	20.149	2916	2921	2922	rVV3	177160	271899	11.82%	0.799%
82	20.179	2923	2926	2934	rVB	308012	507401	22.07%	1.491%
83	20.279	2940	2943	2947	rBV	139776	179332	7.80%	0.527%
84	20.343	2948	2954	2958	rVV2	292224	440761	19.17%	1.295%
85	20.478	2973	2977	2981	rBV	232991	325225	14.14%	0.955%
86	20.525	2981	2985	2989	rVV	211941	261994	11.39%	0.770%
87	20.937	3051	3055	3062	rVB	262619	404565	17.59%	1.189%
88	21.113	3078	3085	3089	rBV3	209543	477201	20.75%	1.402%
89	21.154	3089	3092	3095	rVV	99759	124565	5.42%	0.366%
90	21.266	3108	3111	3117	rVB	209310	321255	13.97%	0.944%
91	21.507	3147	3152	3159	rBV3	922033	2152603	93.62%	6.324%
92	21.571	3159	3163	3174	rVB	904383	1541392	67.03%	4.528%
93	21.712	3184	3187	3193	rBV4	77921	129429	5.63%	0.380%
94	22.229	3272	3275	3280	rVB	231695	360768	15.69%	1.060%
95	22.294	3283	3286	3296	rVB3	164511	342178	14.88%	1.005%
96	23.651	3510	3517	3523	rBV	578155	1645440	71.56%	4.834%
97	24.339	3628	3634	3641	rBV	338502	880189	38.28%	2.586%
98	24.415	3642	3647	3653	rVV2	281456	737094	32.06%	2.166%
99	24.485	3653	3659	3668	rVB	544302	1392072	60.54%	4.090%
100	24.626	3677	3683	3689	rBV	210096	477721	20.78%	1.404%

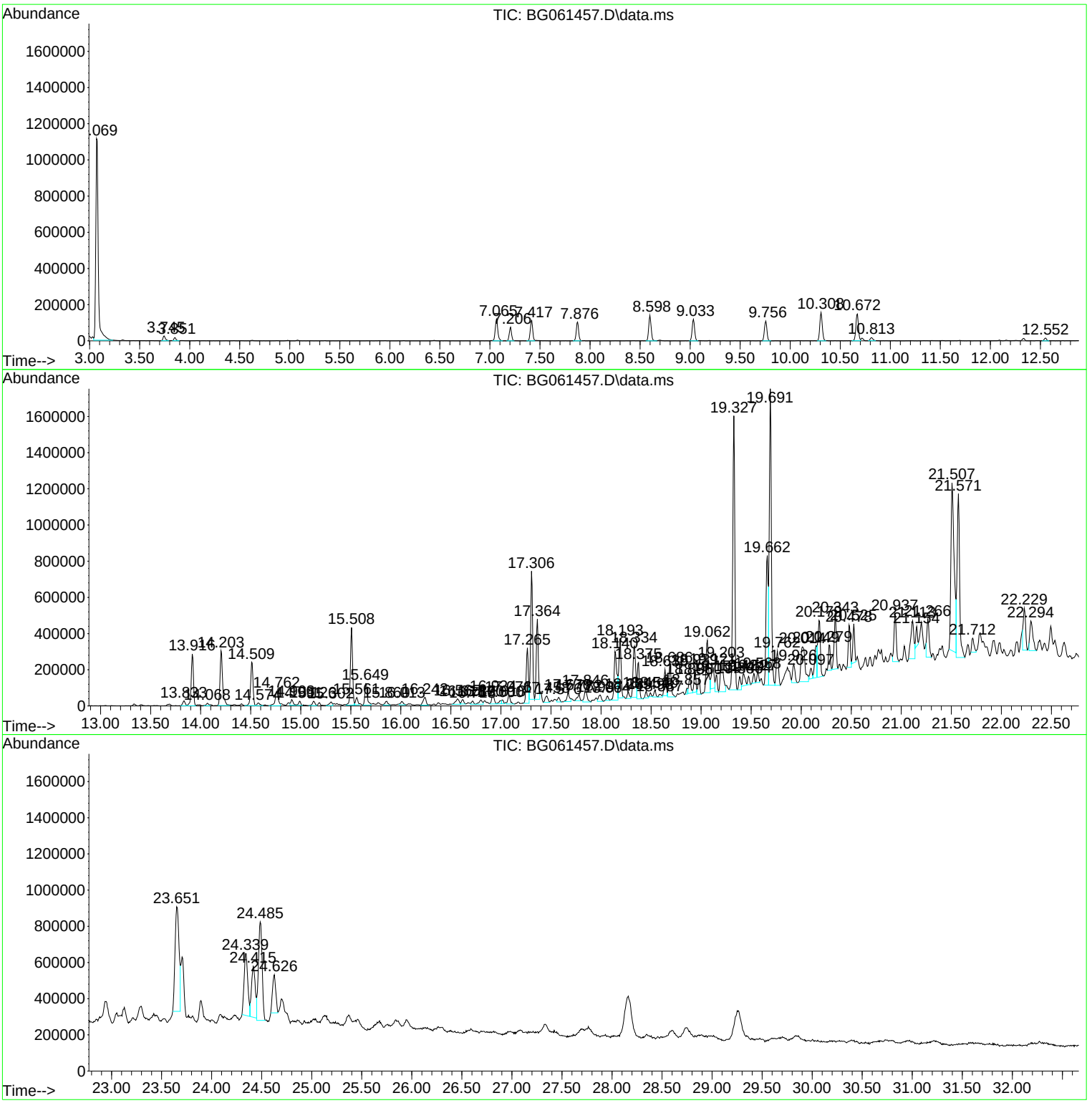
Sum of corrected areas: 34037628

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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 : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

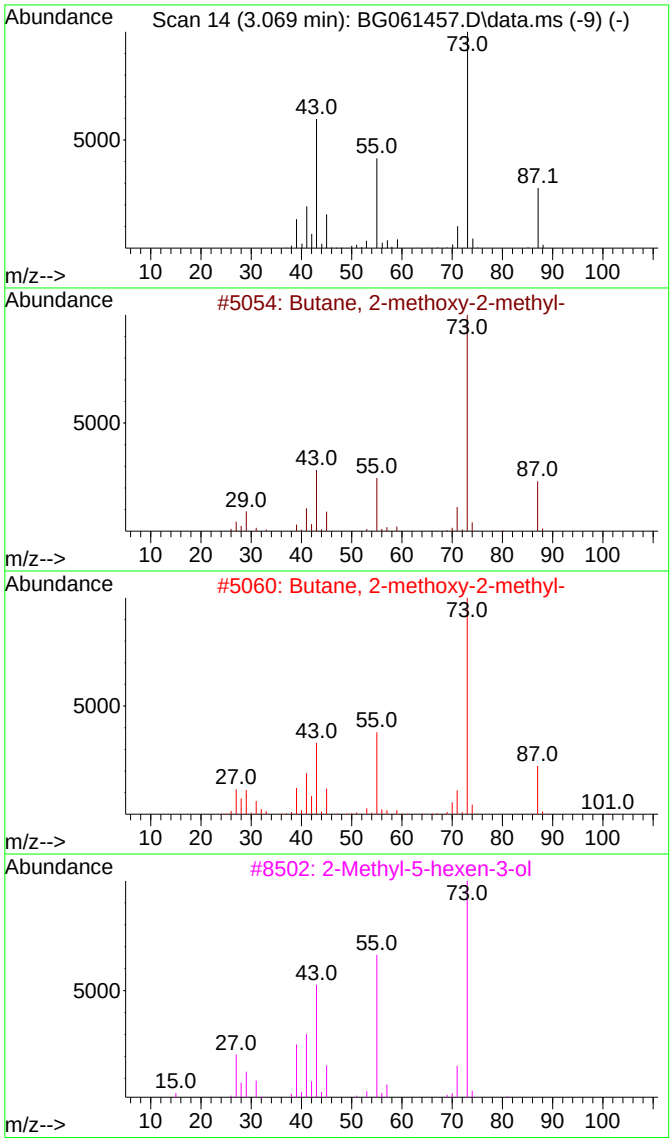
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

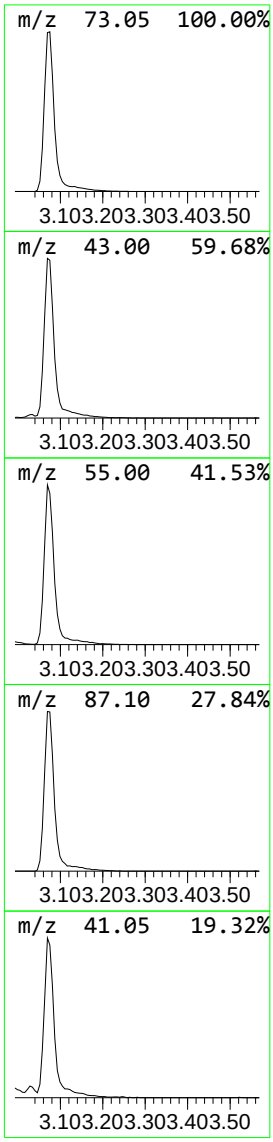
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.069	219.79 ng/ul	1889570	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	59
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

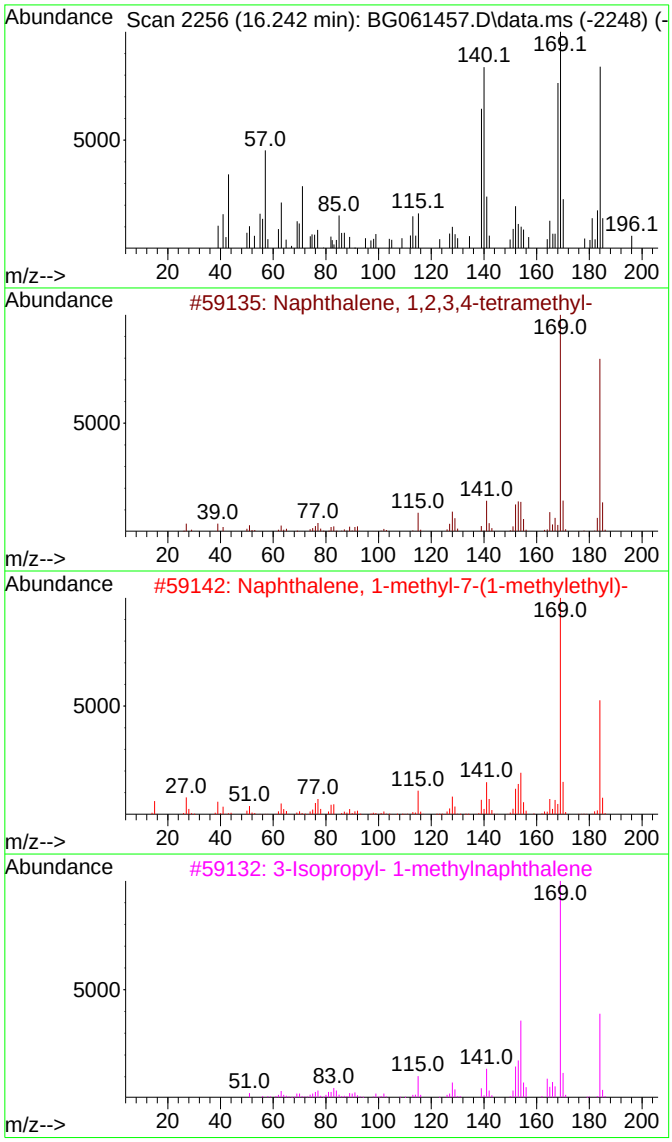
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

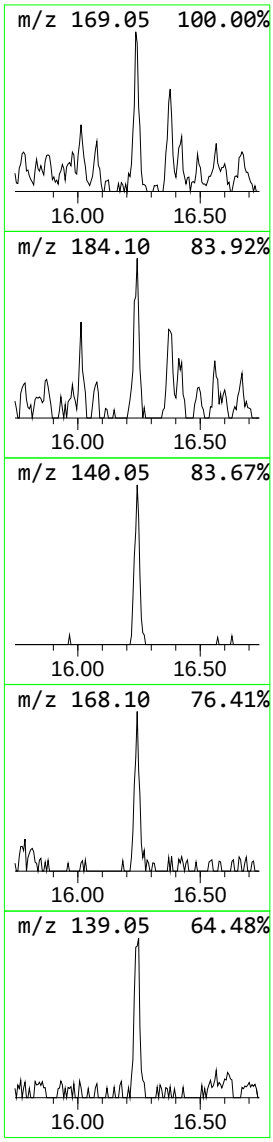
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetram... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.242	4.02 ng/ul	93466	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	49
3	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	46
4	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	46
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

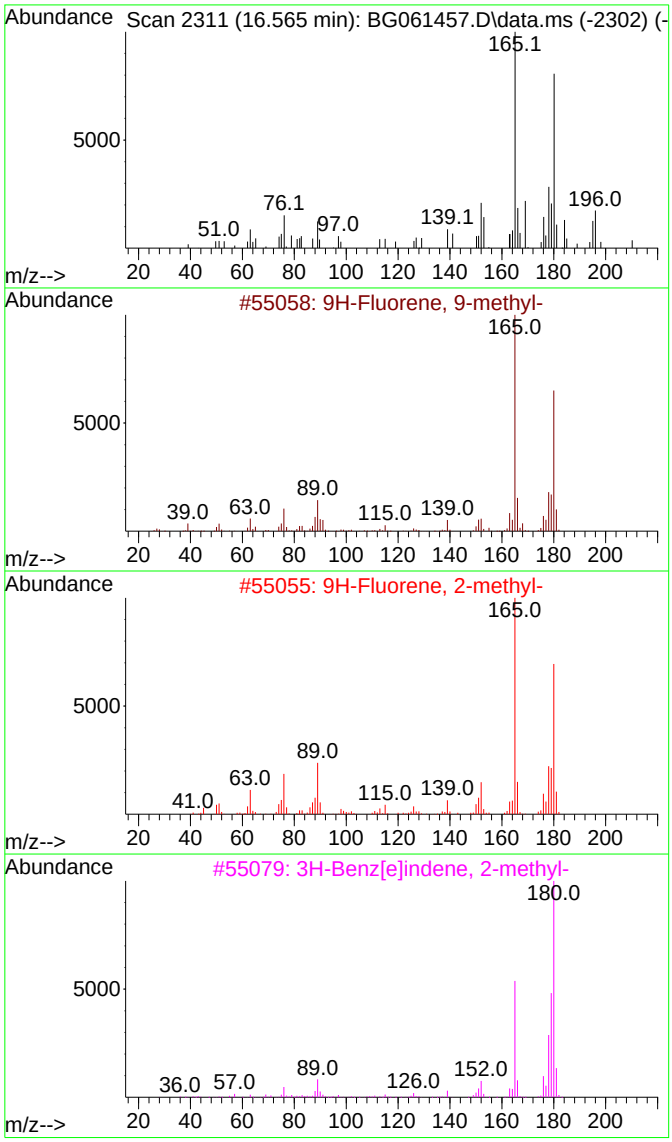
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

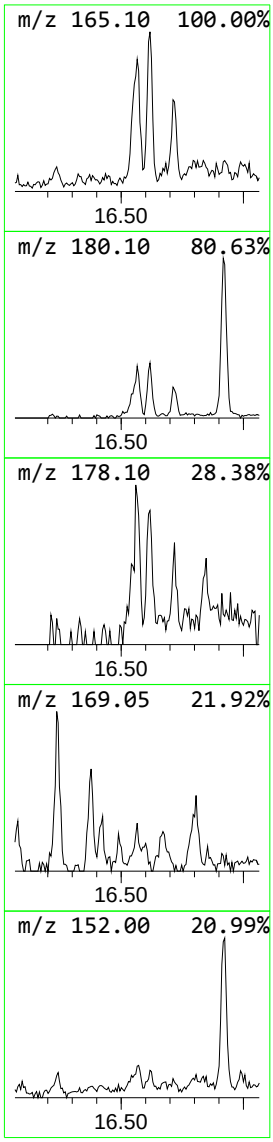
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluorene, 9-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.565	3.10 ng/ul	72264	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	83
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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

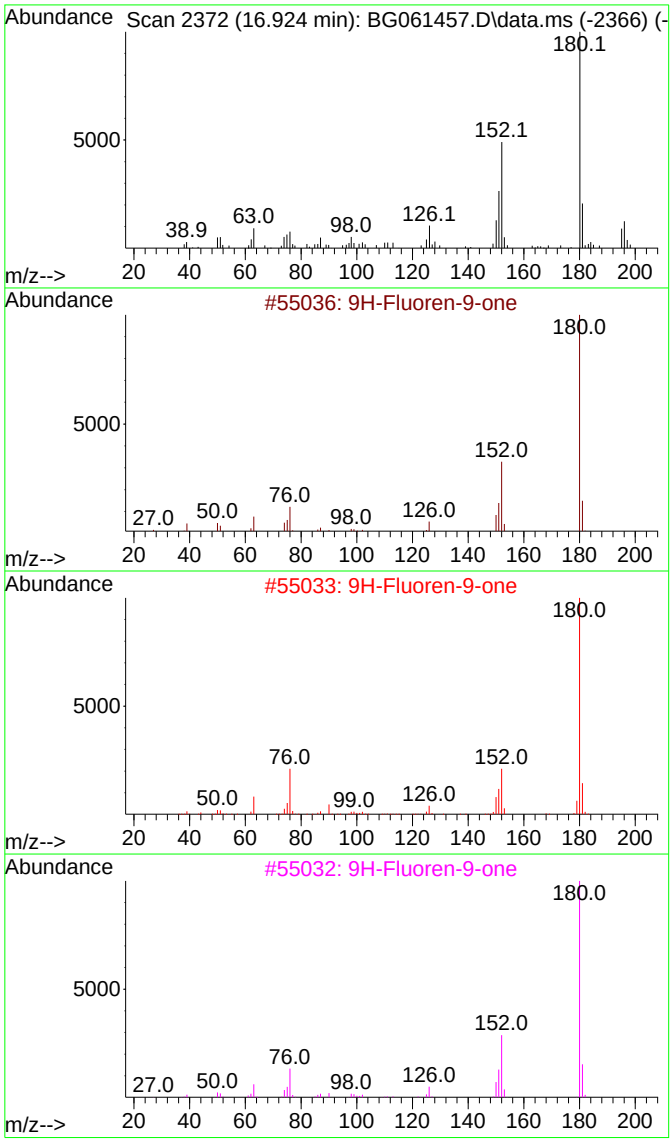
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

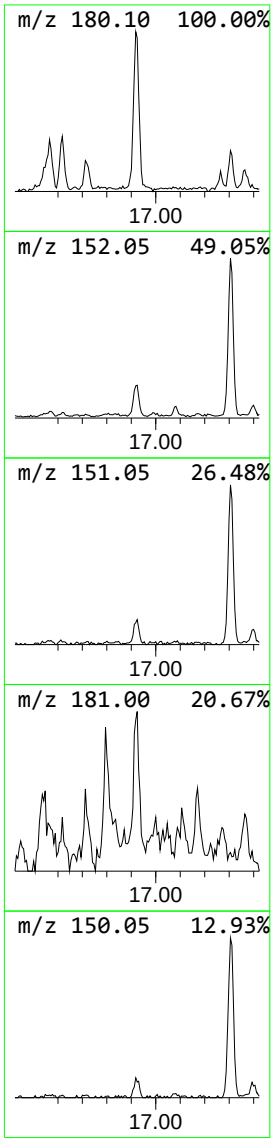
****

Peak Number 10 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.924	3.98 ng/ul	92663	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	72
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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

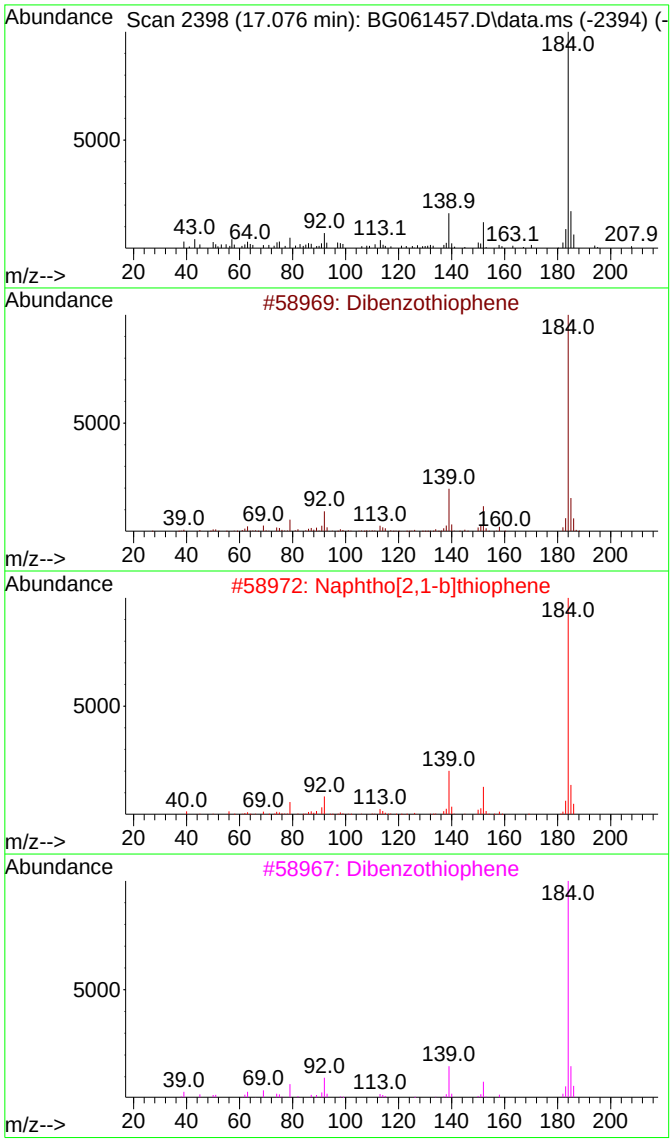
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

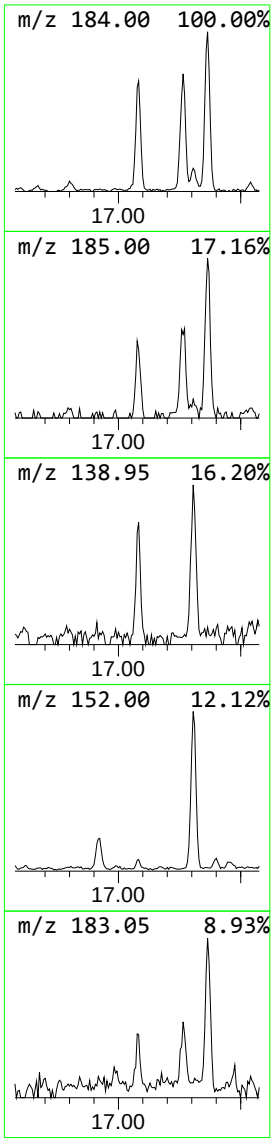
****

Peak Number 11 Dibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.076	3.65 ng/ul	84910	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

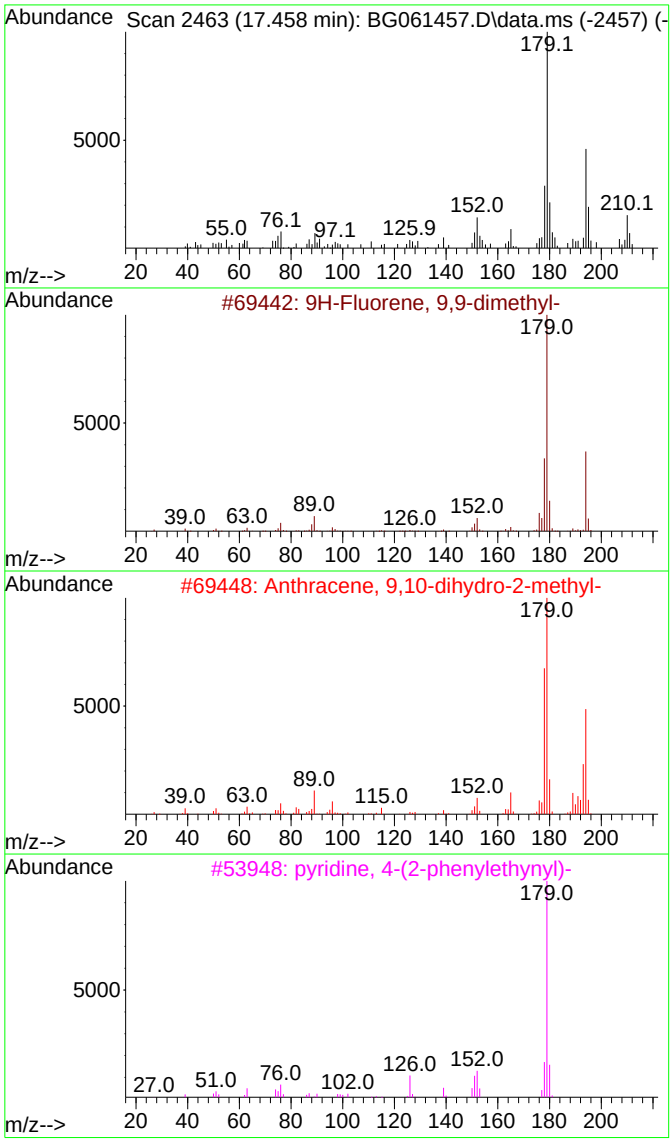
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

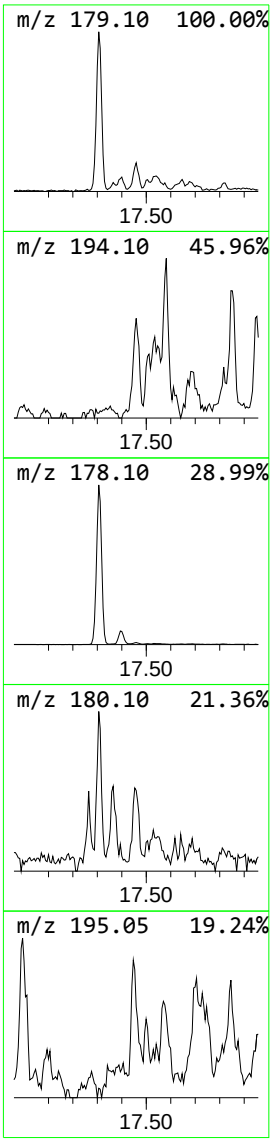
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 9,9-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.458	2.94 ng/ul	68525	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
2	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	64
3	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	55
4	3,5-Dimethylphenol, TMS derivative	194	C11H18OSi	017994-05-7	52
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	50





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

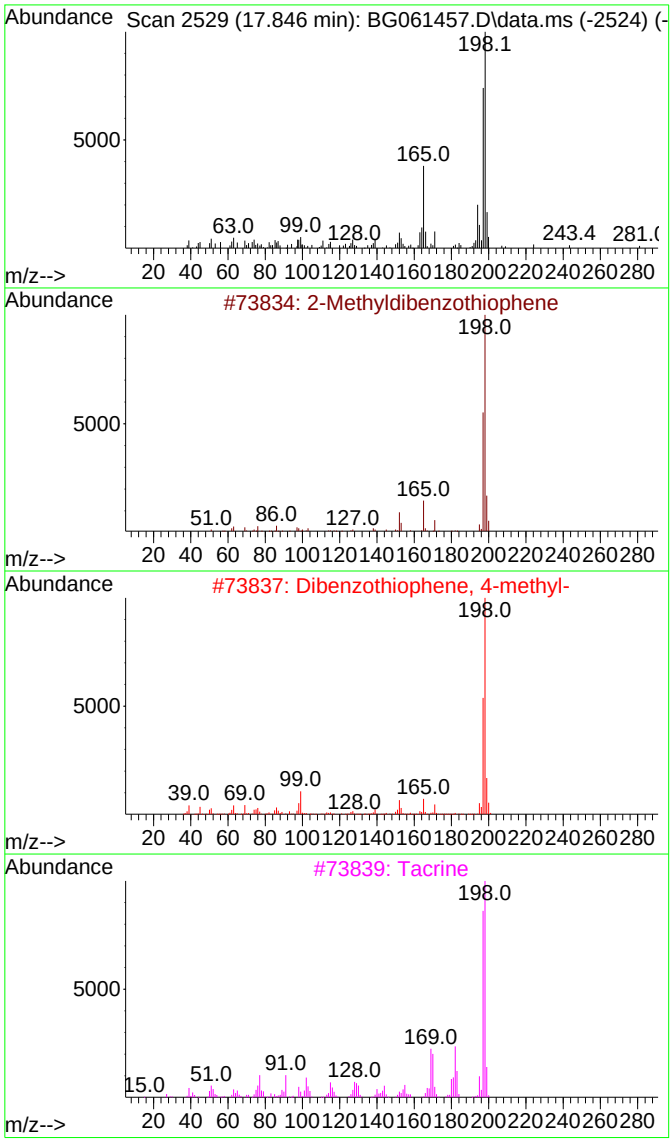
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

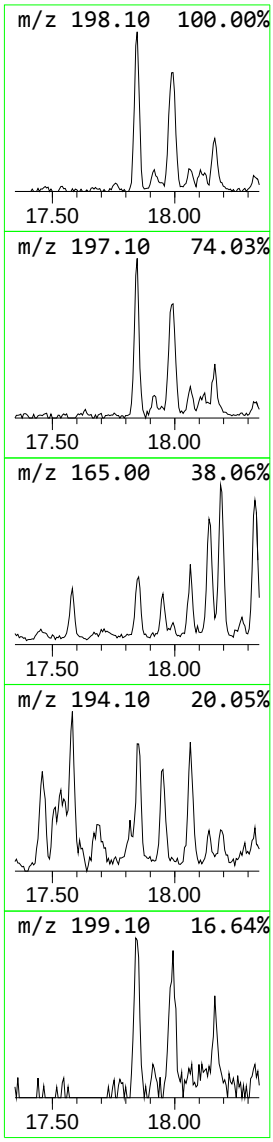
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Methyldibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.846	5.52 ng/ul	128376	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
3	Tacrine	198	C13H14N2	000321-64-2	58
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

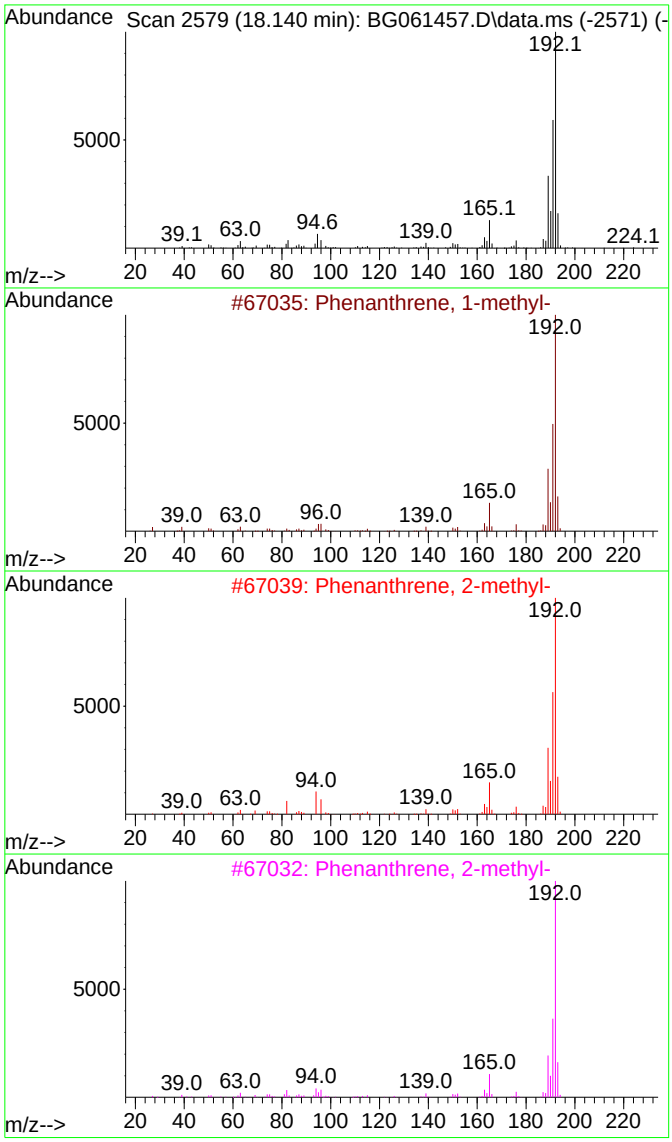
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

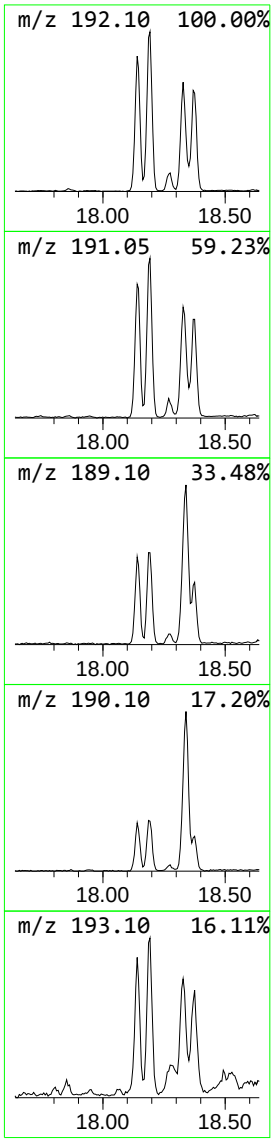
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	22.90 ng/ul	532970	Phenanthrene-d10	17.265

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

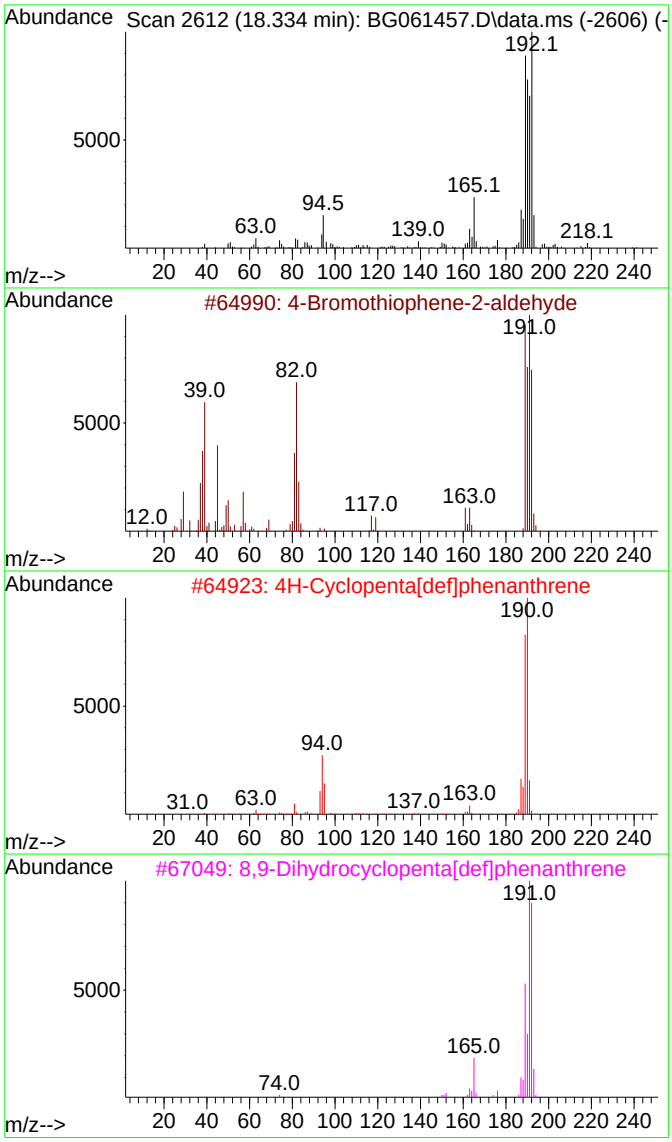
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

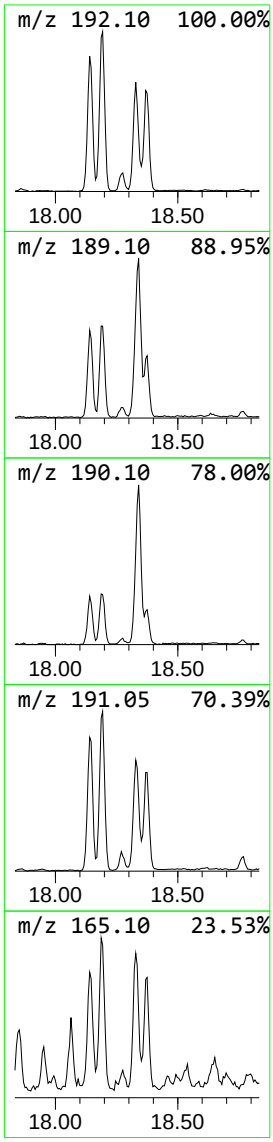
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Bromothiophene-2-aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	22.65 ng/ul	527139	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 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

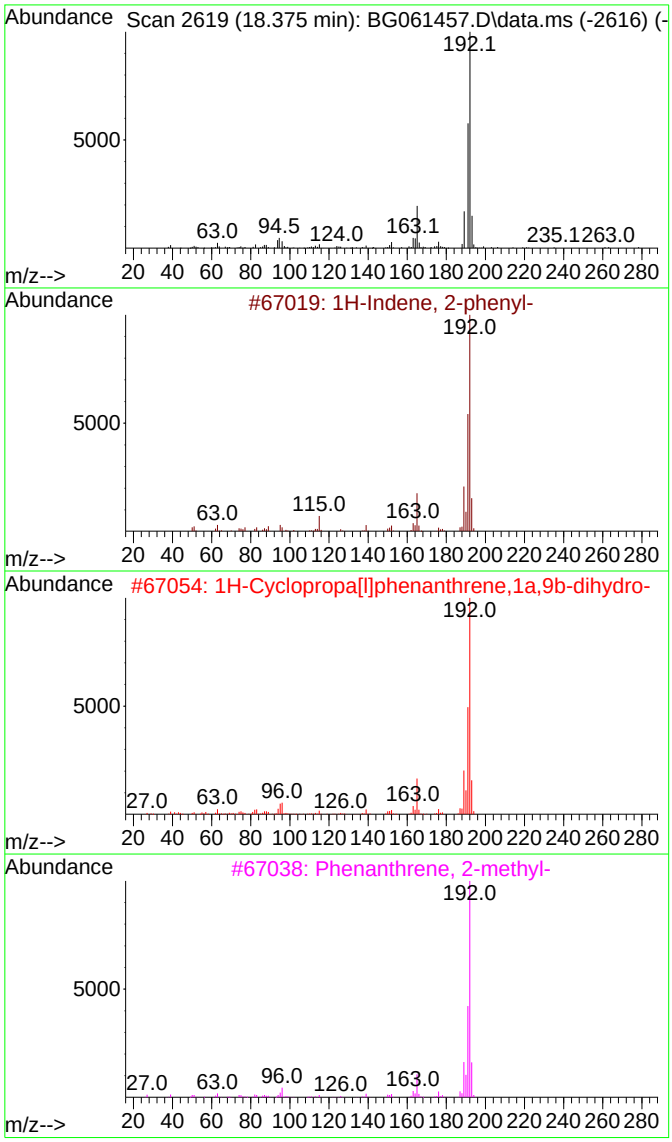
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

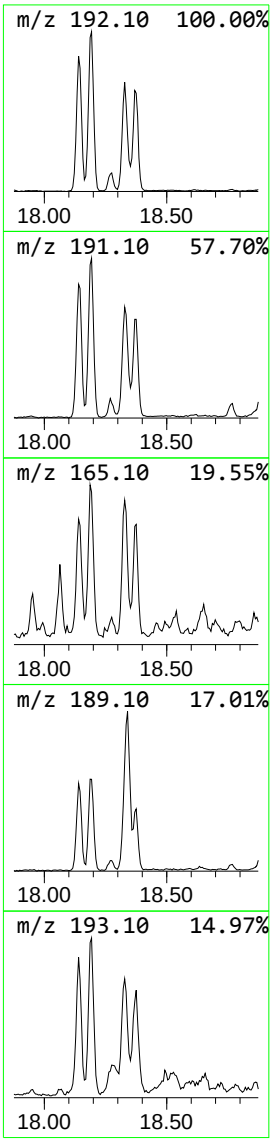
****

Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	11.77 ng/ul	273924	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

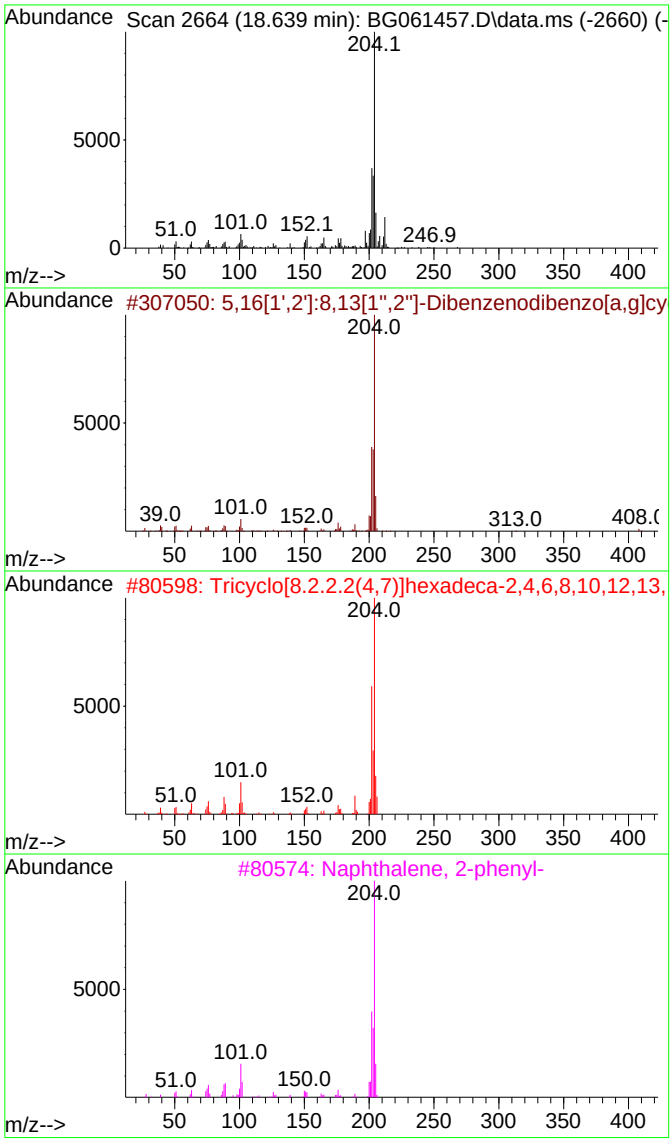
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

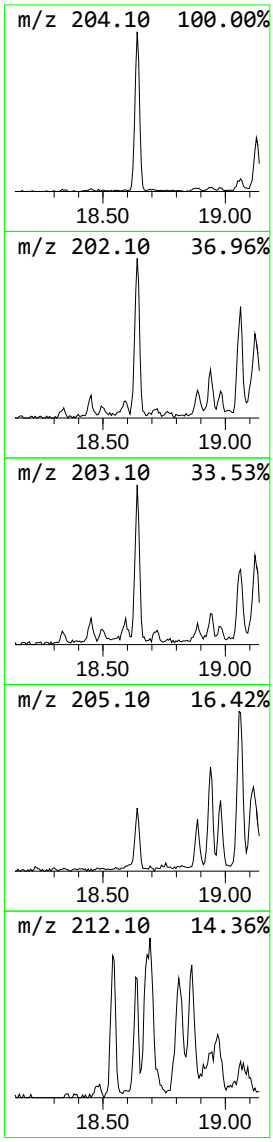
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	8.56 ng/ul	199330	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

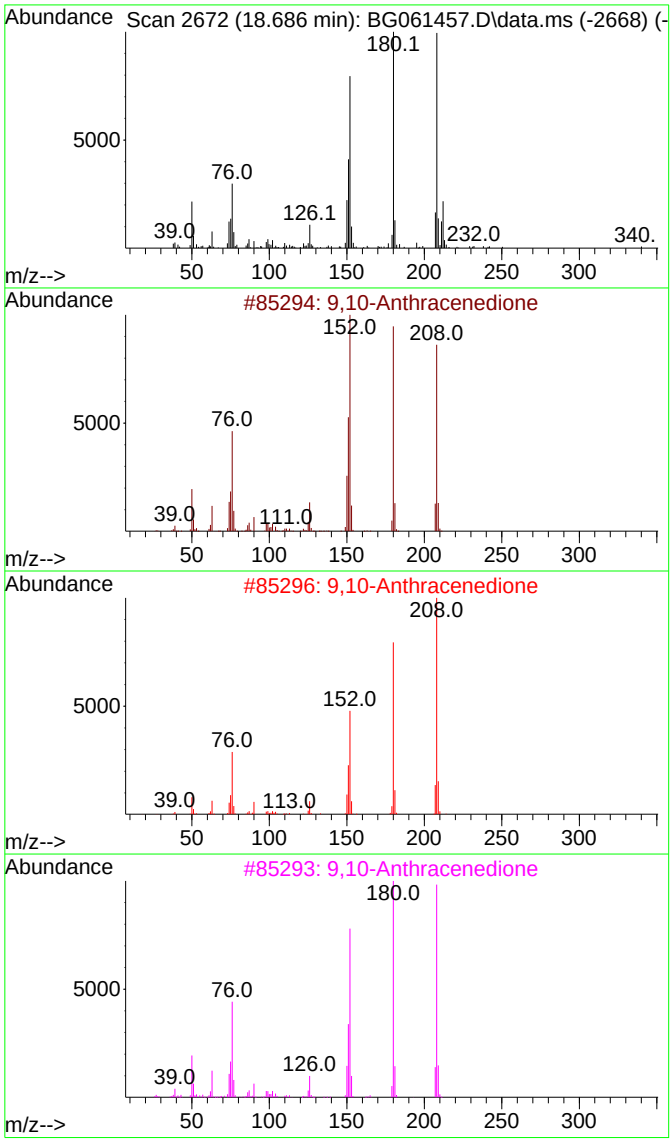
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

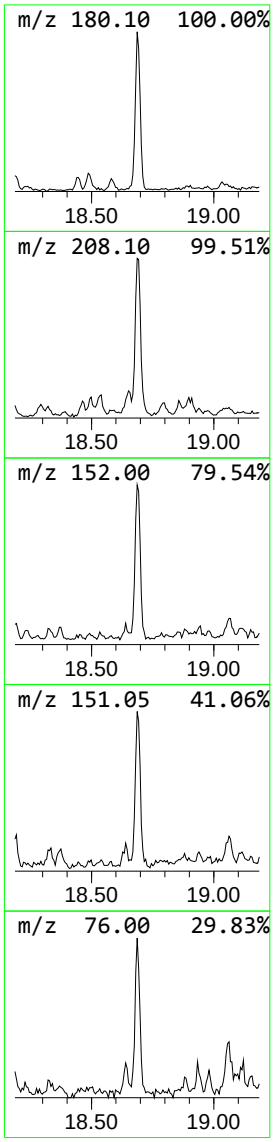
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	12.48 ng/ul	290405	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Acq On : 4 Jun 2024 16:12
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Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

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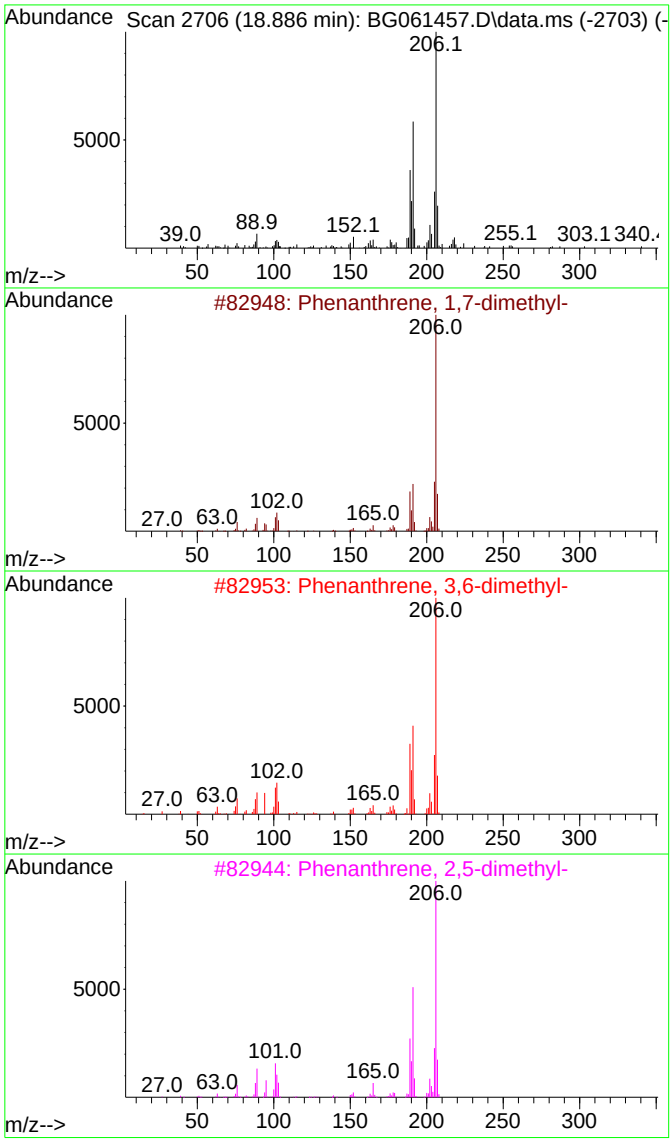
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

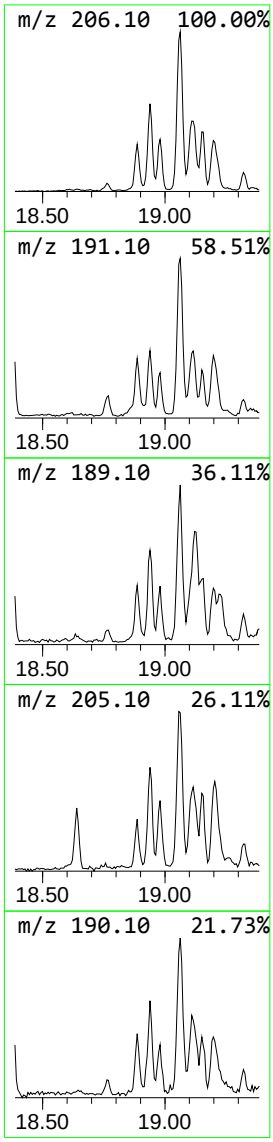
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	5.44 ng/ul	126649	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





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Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

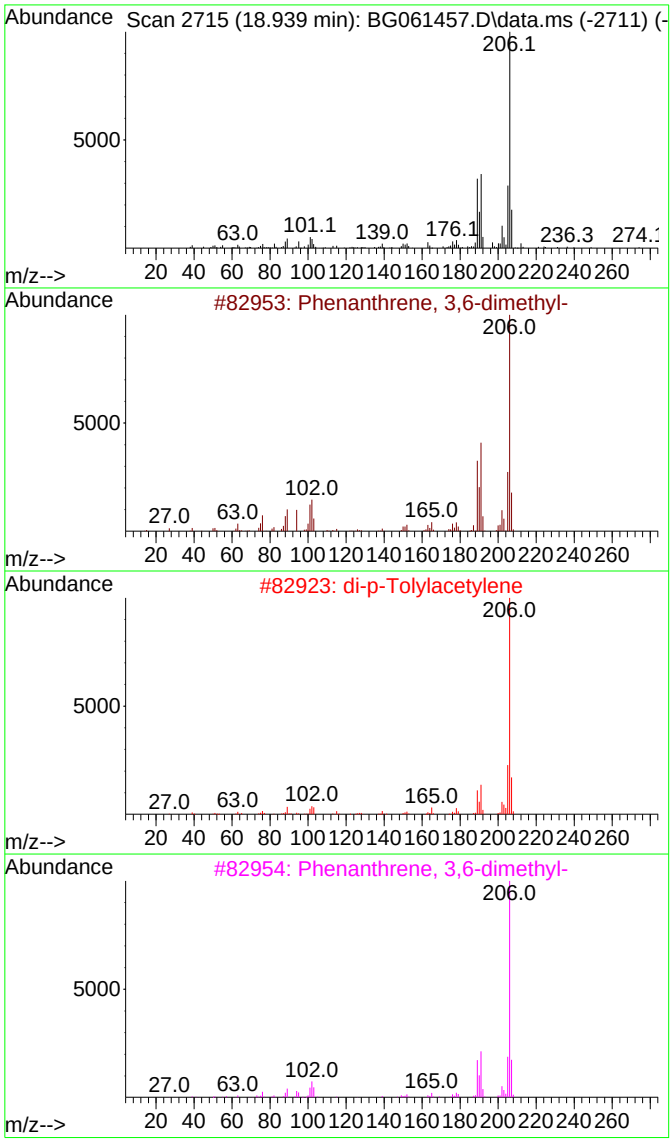
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

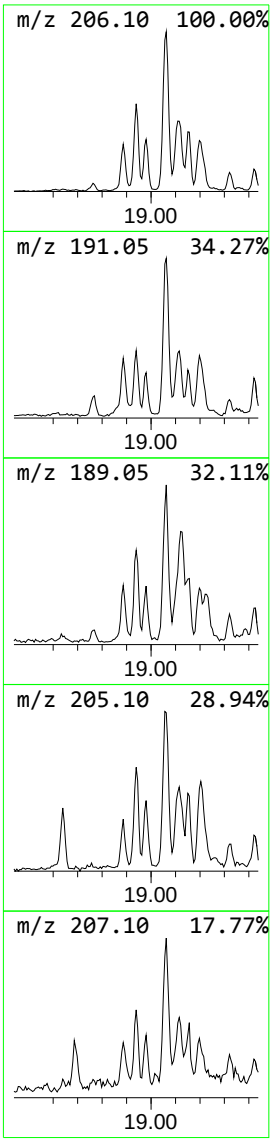
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	7.38 ng/ul	171858	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Acq On : 4 Jun 2024 16:12
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Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

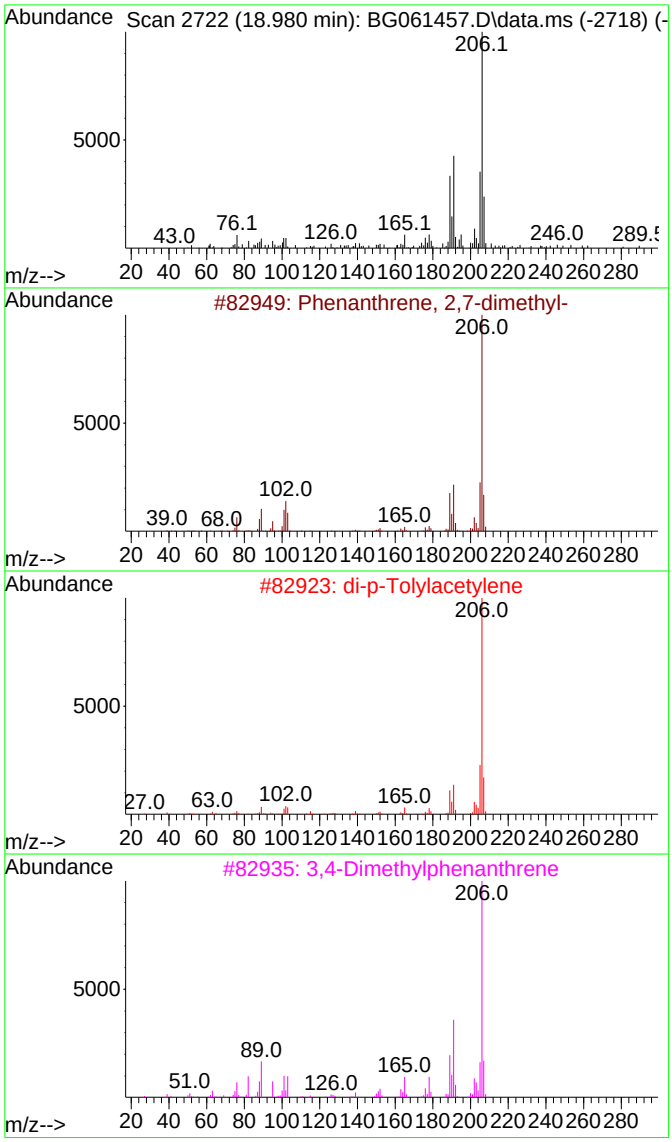
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

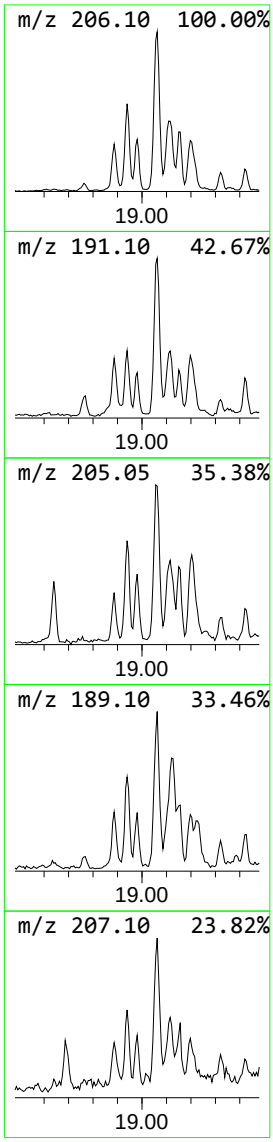
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	5.19 ng/ul	120845	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	80
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

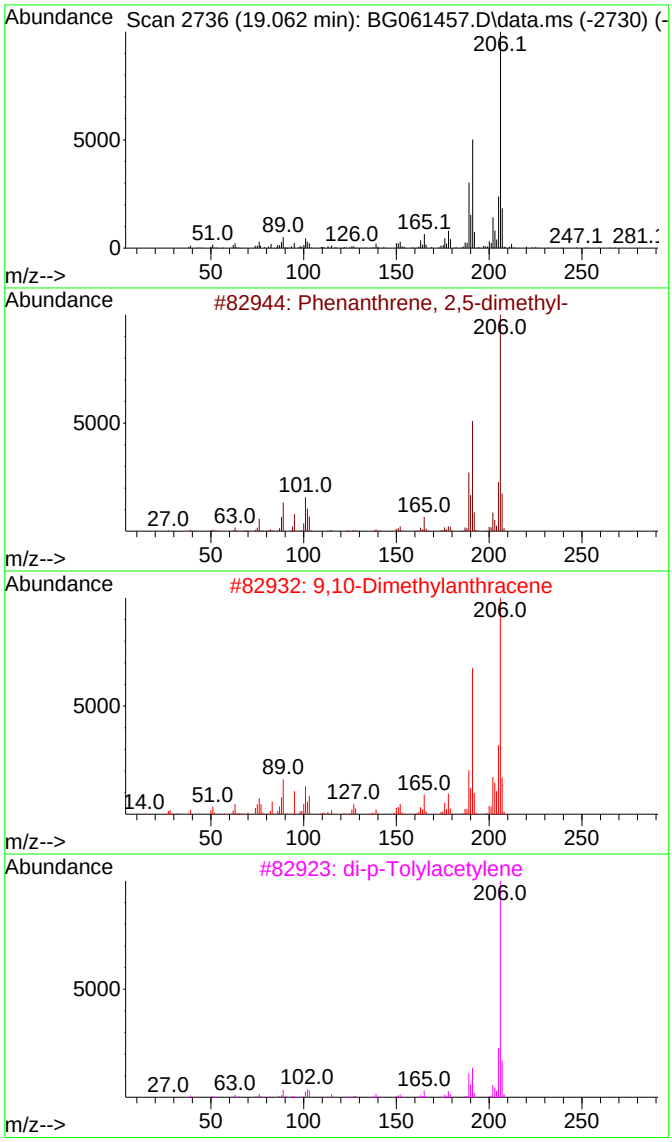
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

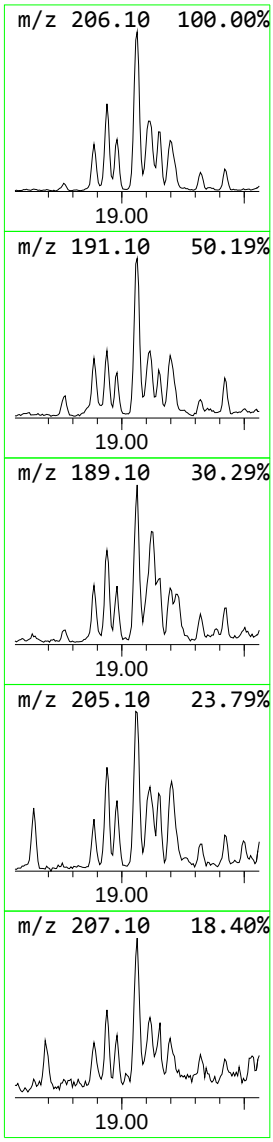
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	22.39 ng/ul	521227	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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

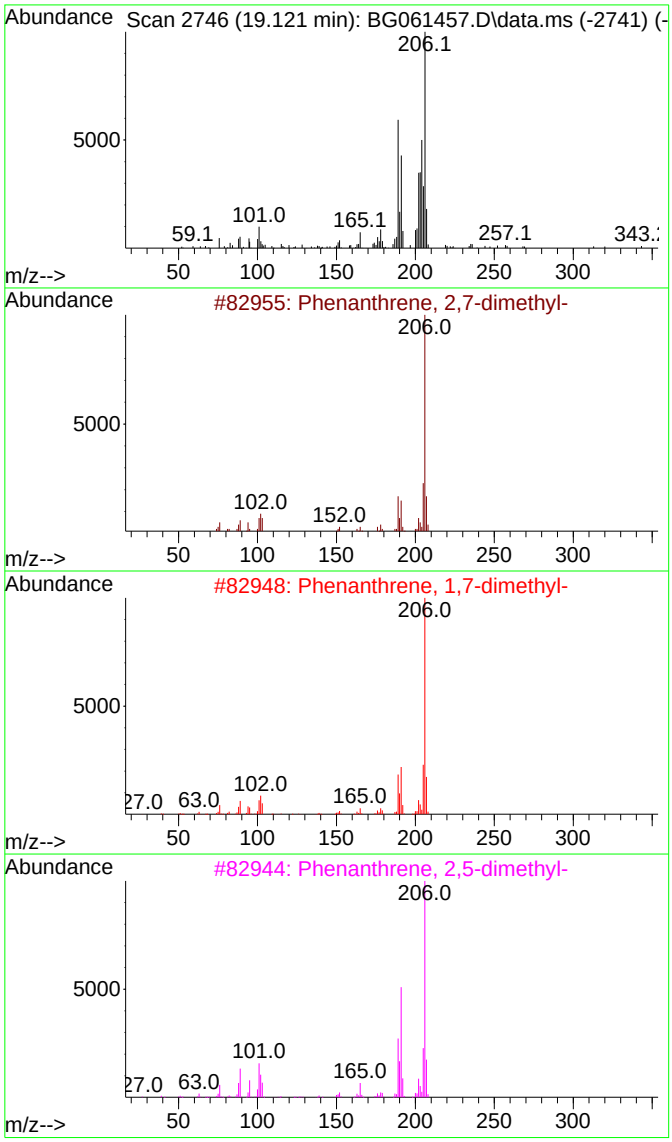
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

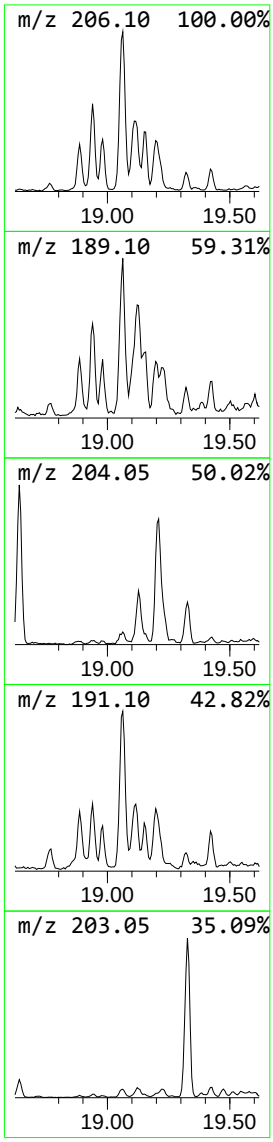
****

Peak Number 27 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	9.63 ng/ul	224153	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

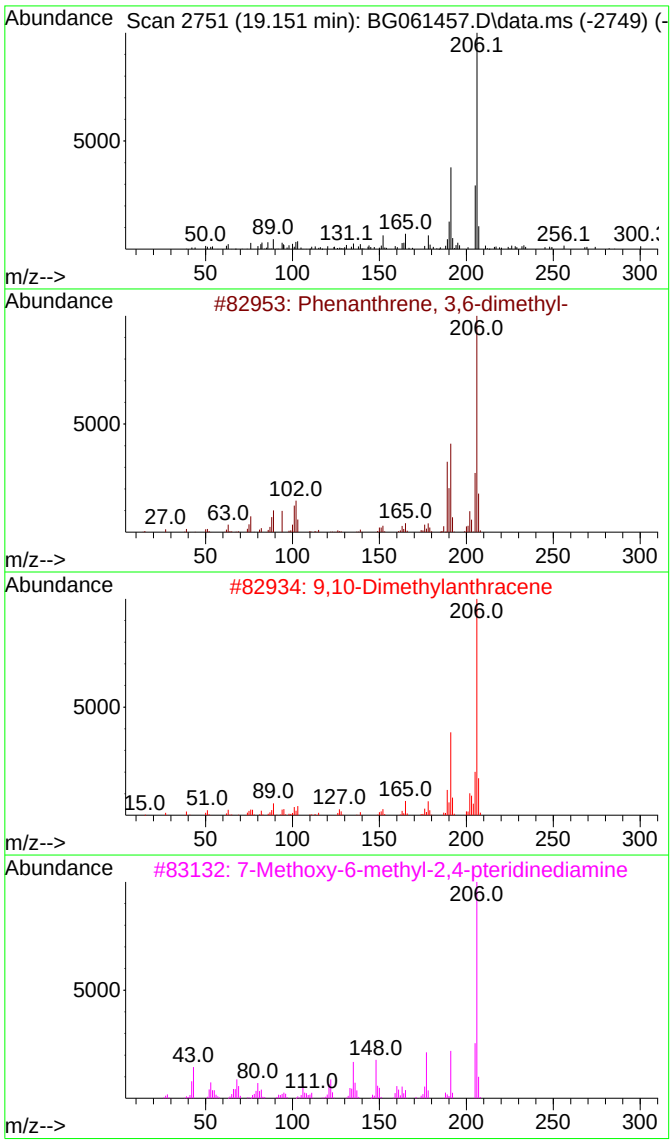
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

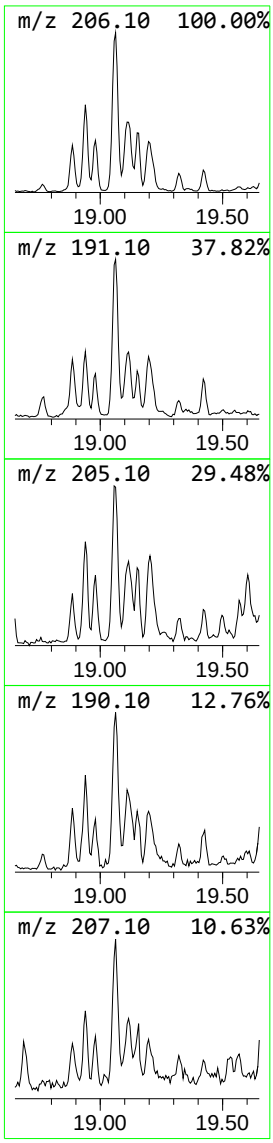
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	4.72 ng/ul	109804	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	72
3	7-Methoxy-6-methyl-2,4-pteridine...	206	C8H10N6O	343347-40-0	72
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	72
5	2H,6H-Pyrido[2,1-b]-1,3-thiazine...	206	C10H10N2OS	1000277-29-6	72





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Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

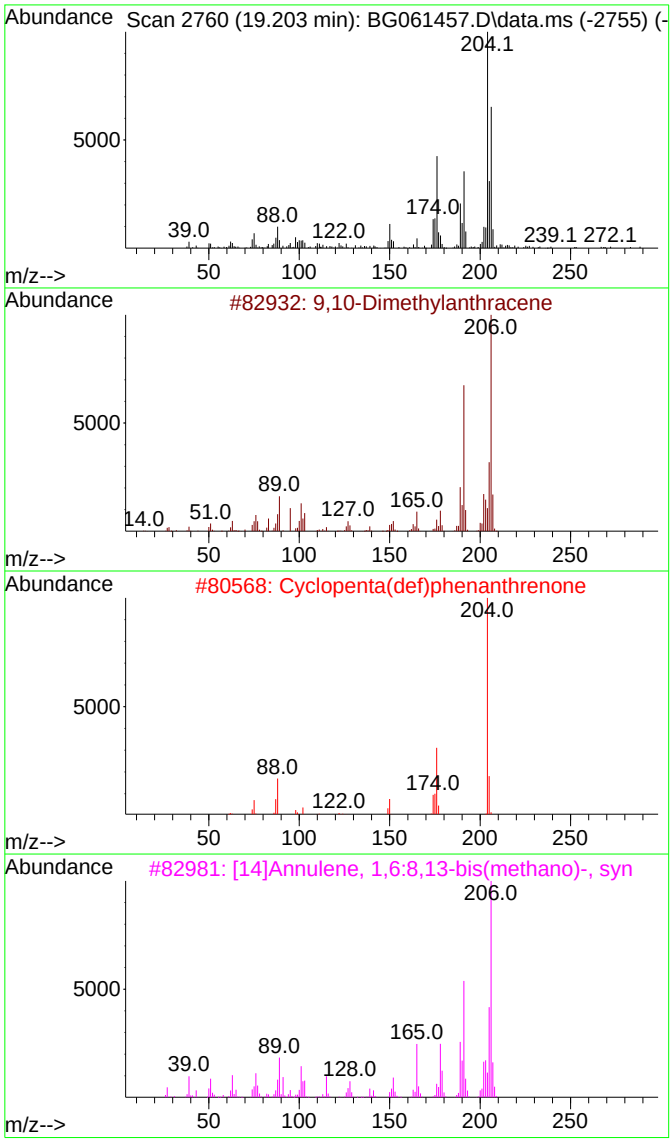
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

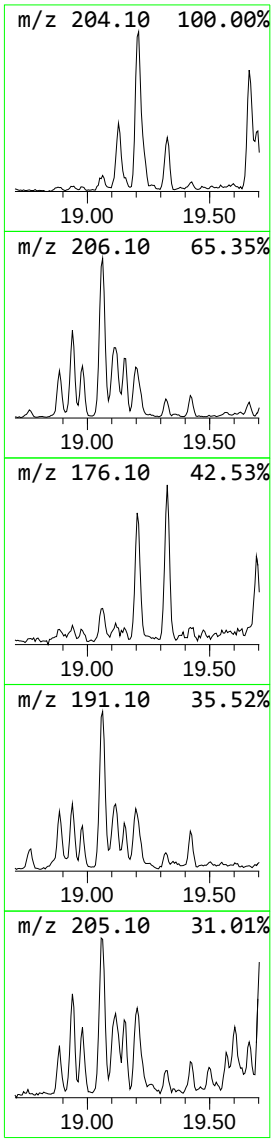
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	15.96 ng/ul	371405	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	84
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

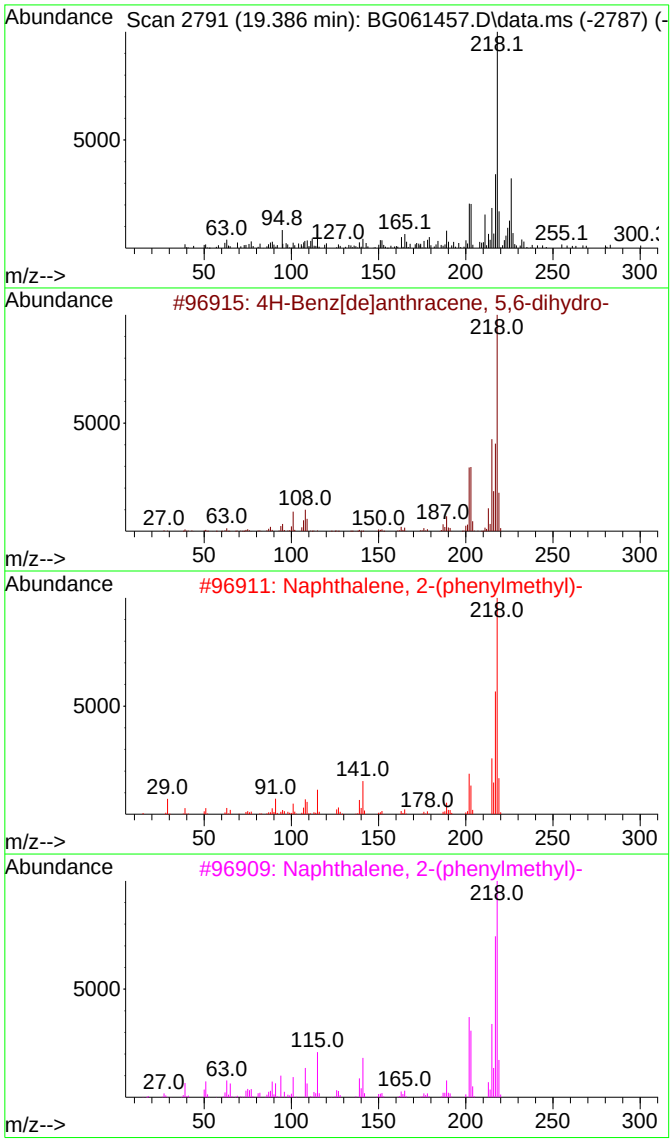
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

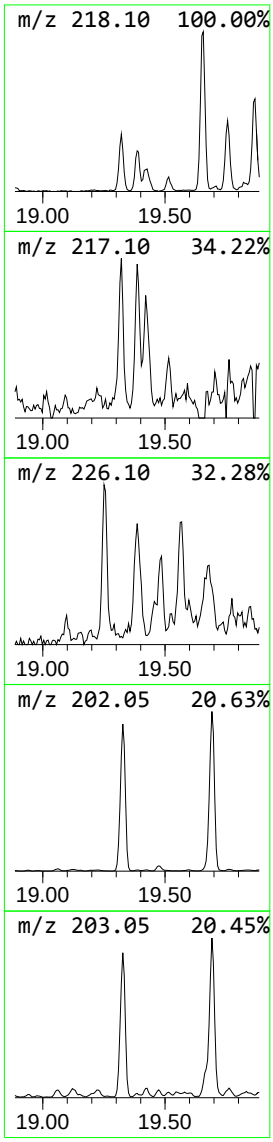
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 4H-Benz[de]anthracene, 5,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	4.53 ng/ul	105466	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	76
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	52
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	50
5	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	47





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

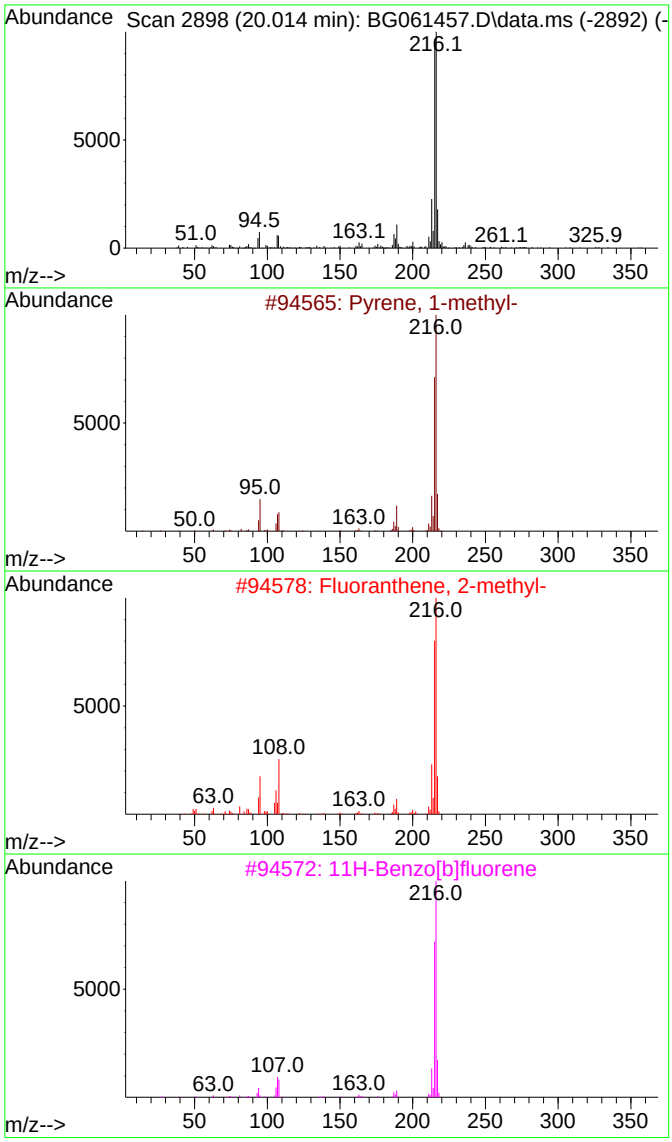
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

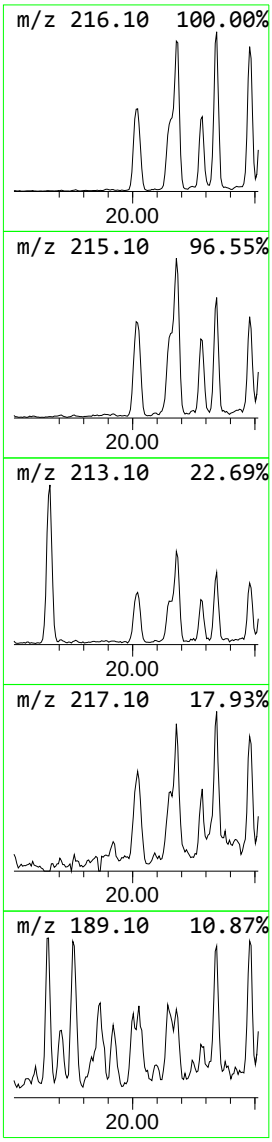
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.014	5.17 ng/ul	556637	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

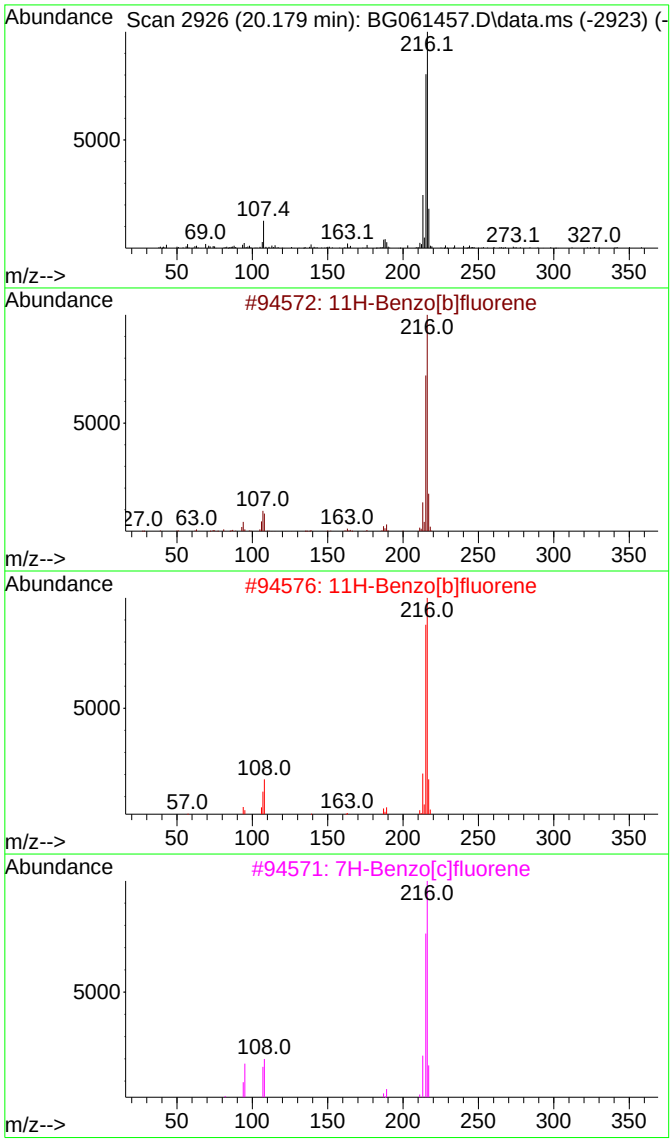
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

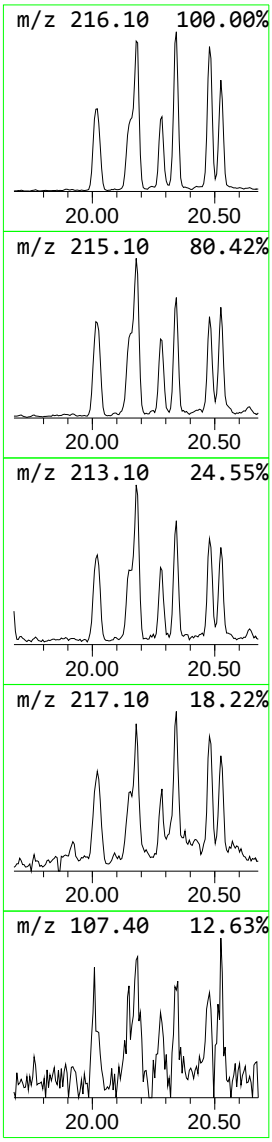
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.179	4.71 ng/ul	507401	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

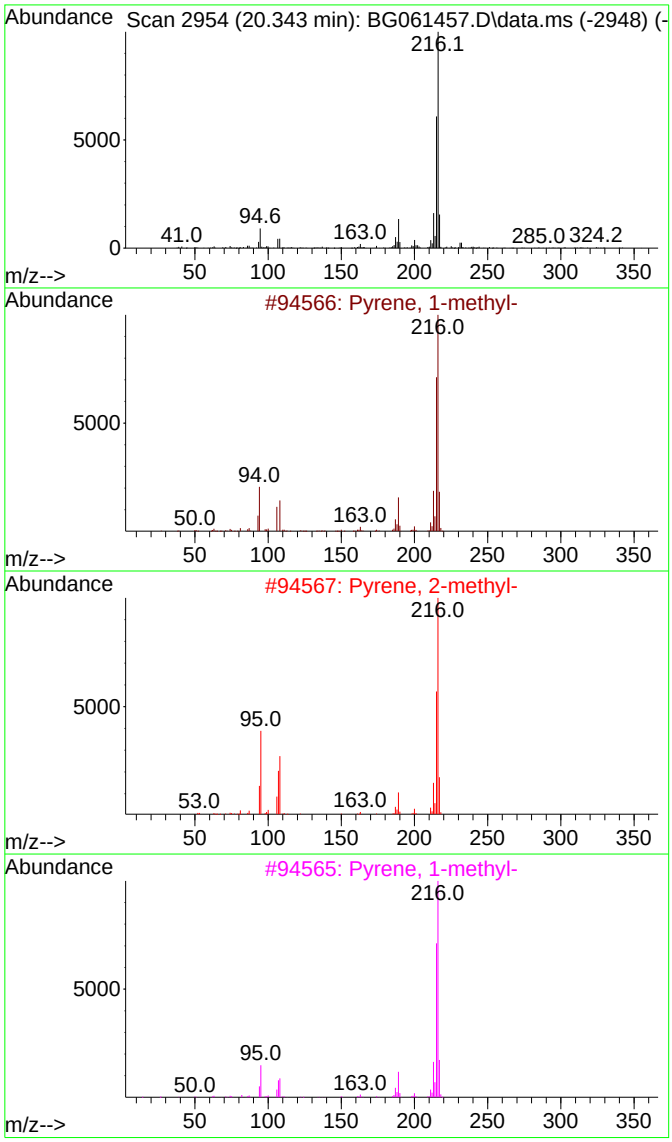
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

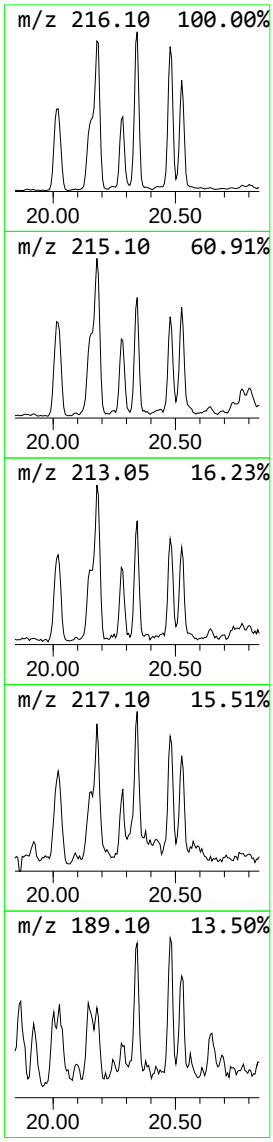
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.343	4.10 ng/ul	440761	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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

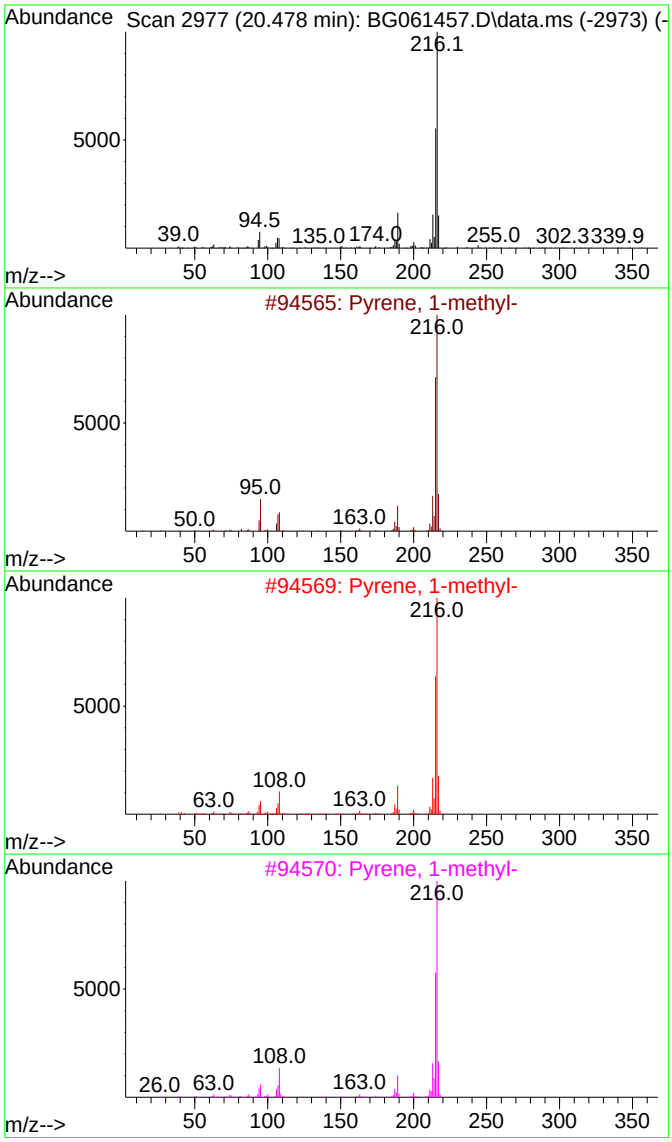
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

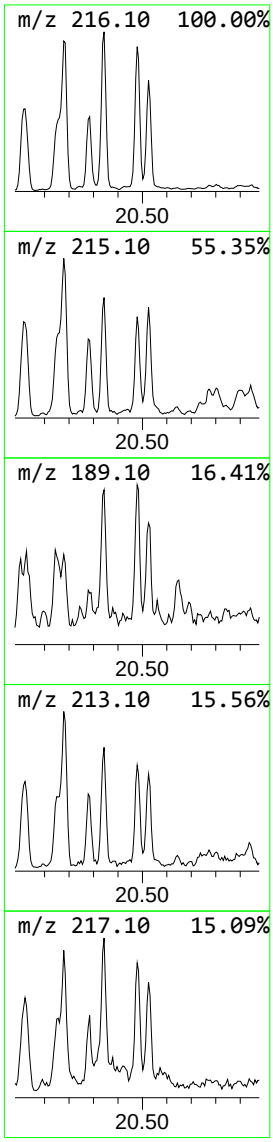
****

Peak Number 36 Fluoranthene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.478	3.02 ng/ul	325225	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87





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Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

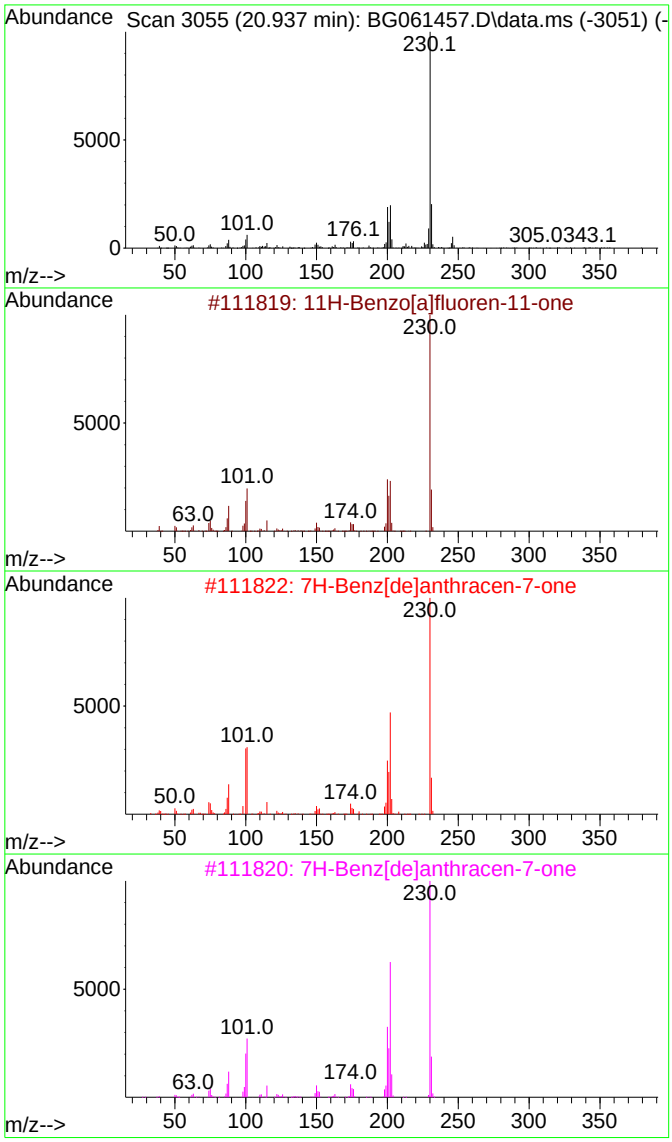
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

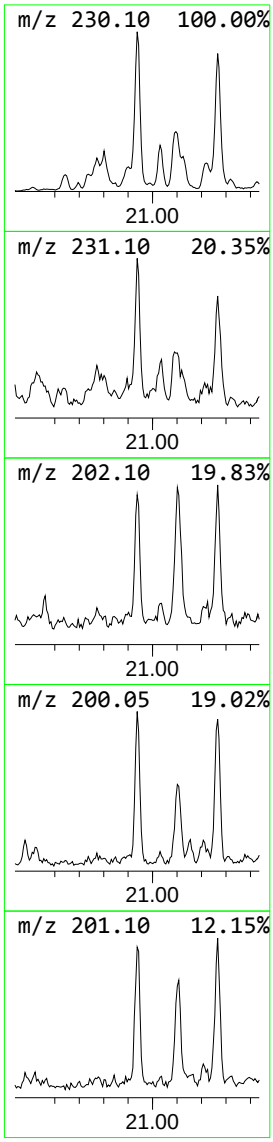
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.937	3.76 ng/ul	404565	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
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	86
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

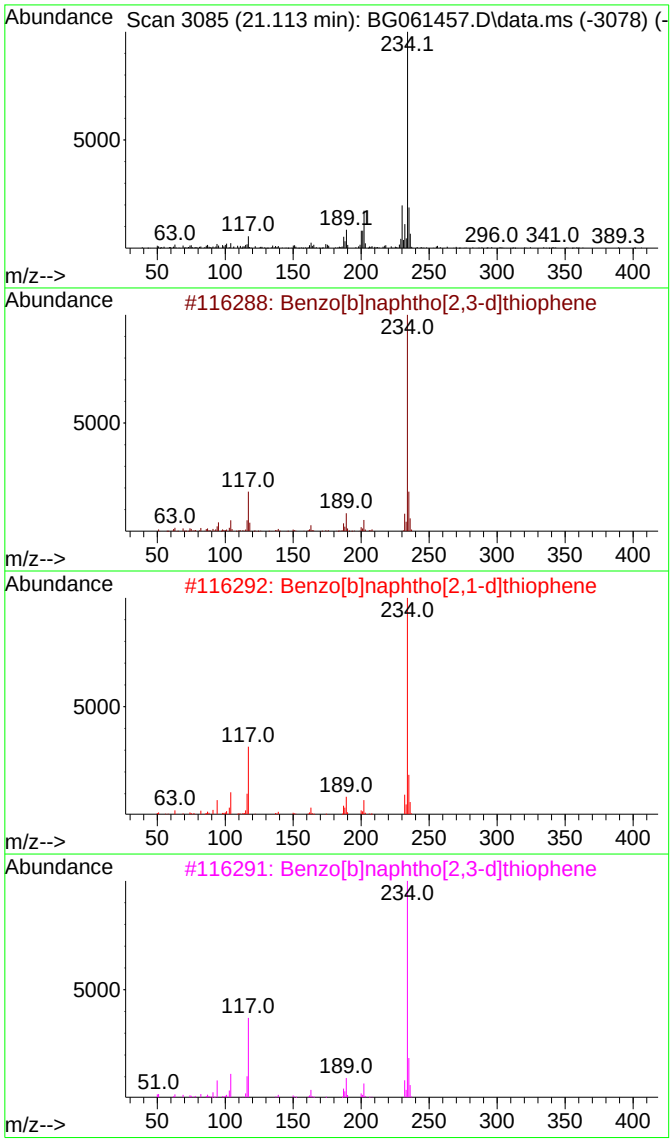
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

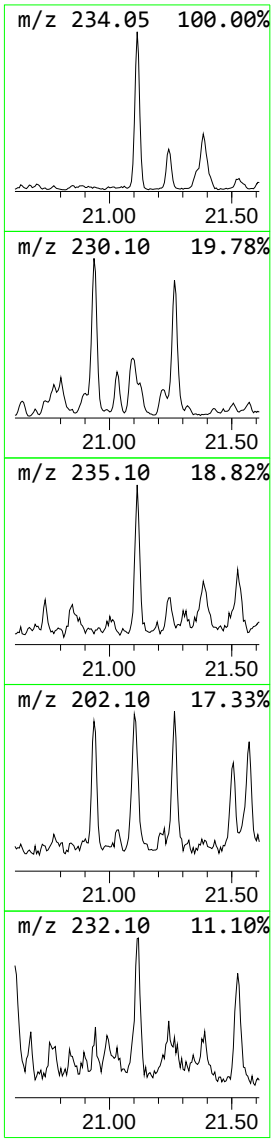
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.113	4.43 ng/ul	477201	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70





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Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

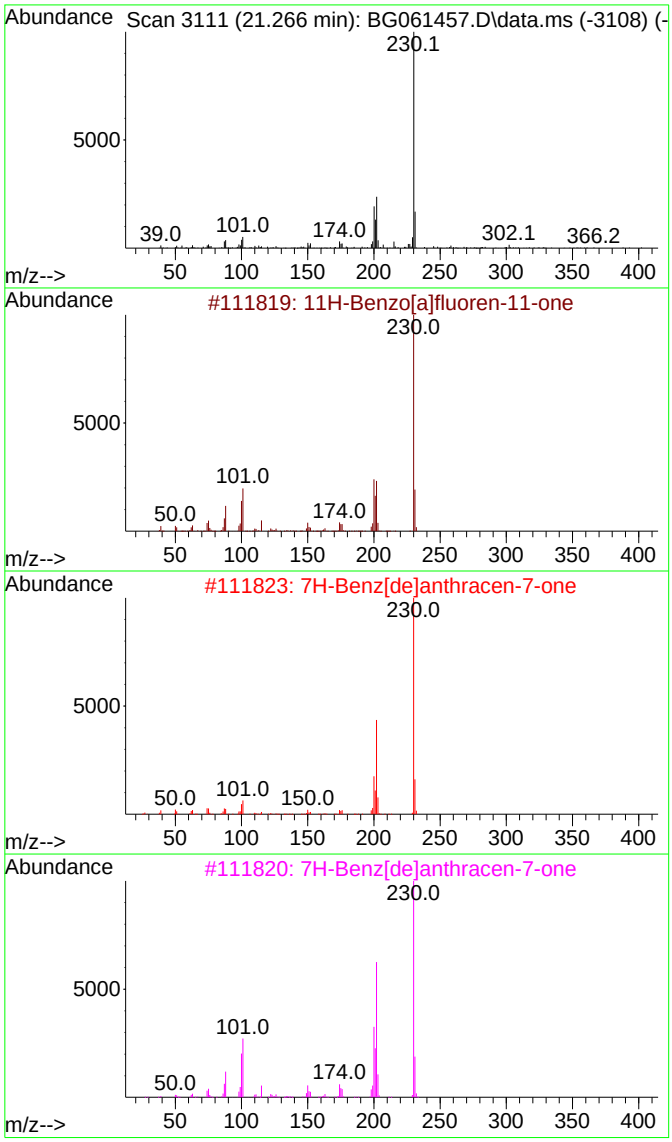
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

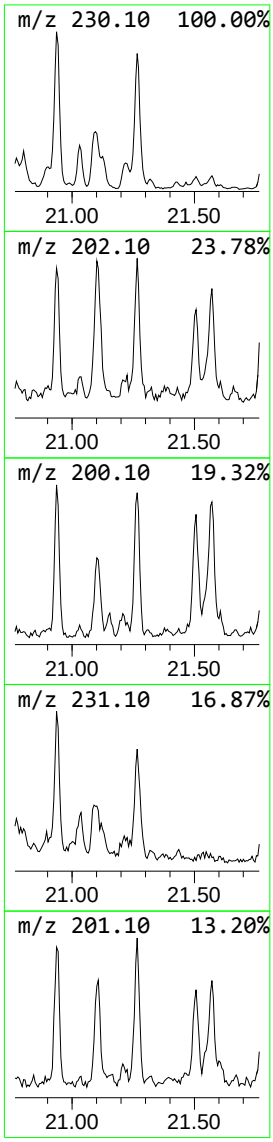
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 7H-Benz[de]anthracen-7-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	2.98 ng/ul	321255	Chrysene-d12	21.524

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	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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

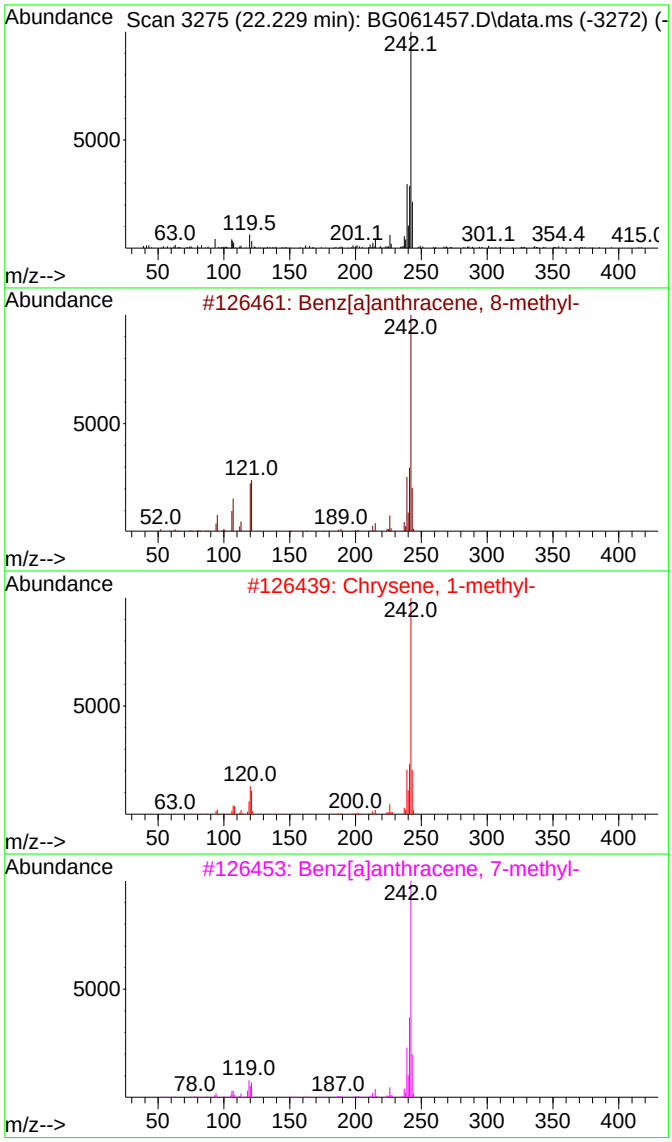
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

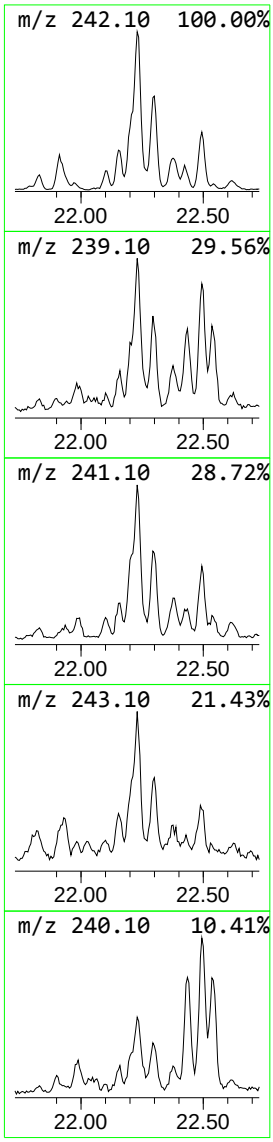
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benz[a]anthracene, 8-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.229	3.35 ng/ul	360768	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	81
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

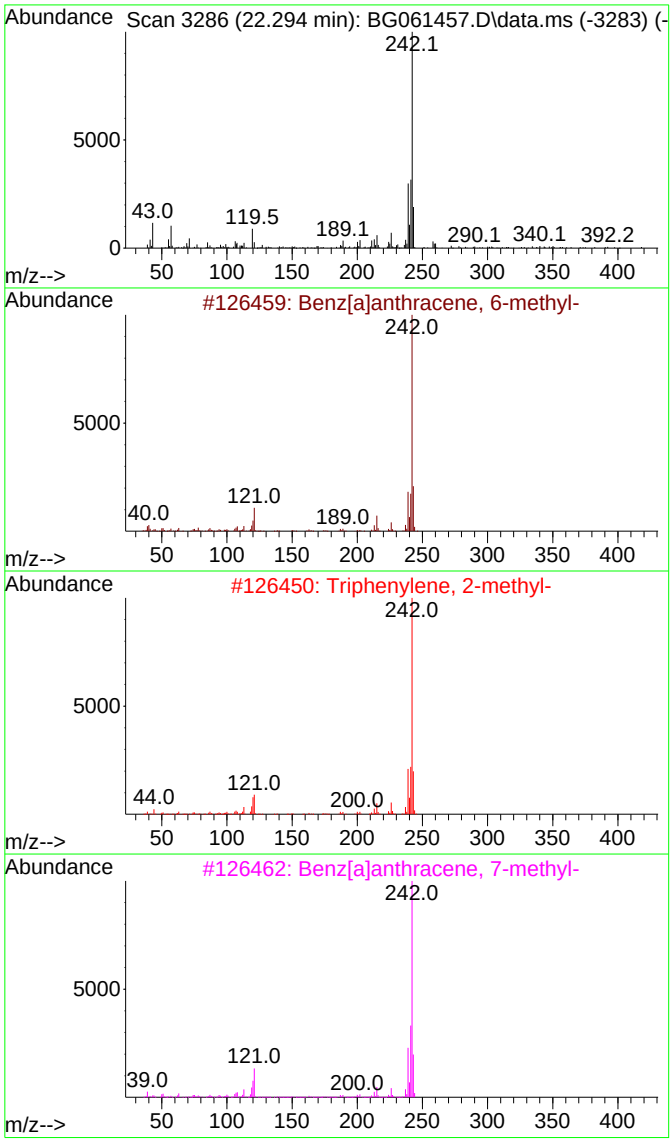
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

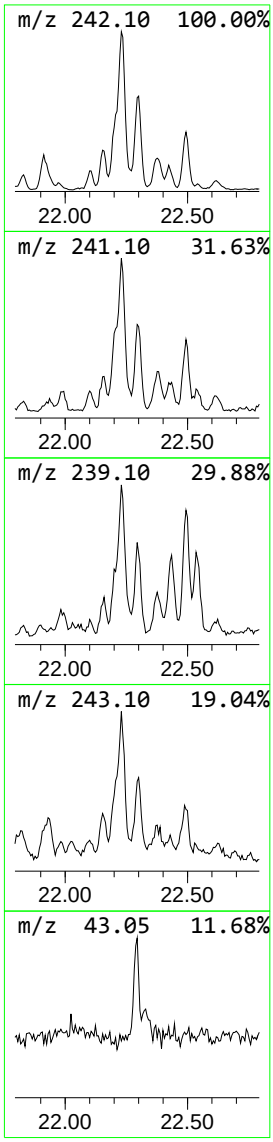
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benz[a]anthracene, 6-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.294	3.18 ng/ul	342178	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	89
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

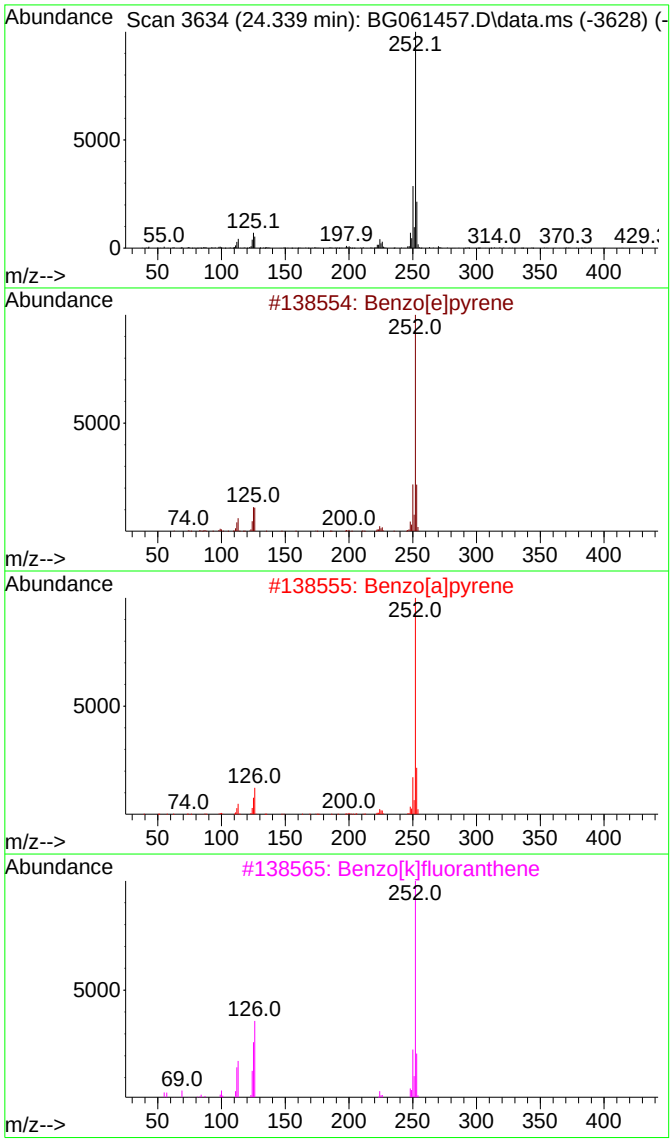
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

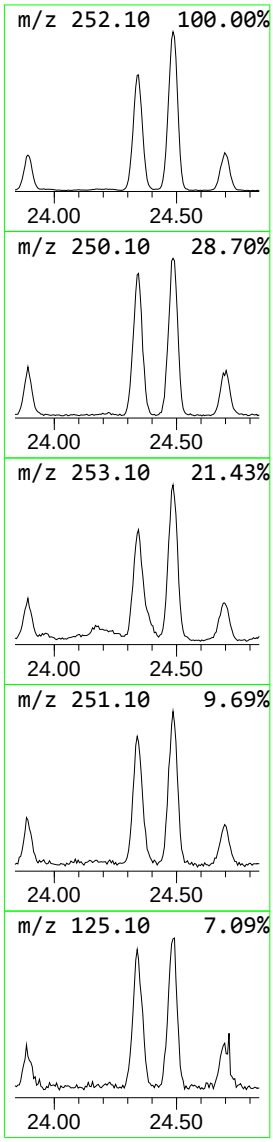
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.339	36.85 ng/ul	880189	Perylene-d12	24.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061457.D
Acq On : 4 Jun 2024 16:12
Operator : MA/JU
Sample : P2590-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM5

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...	3.069	219.8	ng/ul	1889570	1	7.870	171947	20.0
Naphthalene, 1,...	16.242	4.0	ng/ul	93466	4	17.265	465548	20.0
9H-Fluorene, 9-...	16.565	3.1	ng/ul	72264	4	17.265	465548	20.0
9H-Fluoren-9-one	16.924	4.0	ng/ul	92663	4	17.265	465548	20.0
Dibenzothiophene	17.076	3.6	ng/ul	84910	4	17.265	465548	20.0
9H-Fluorene, 9,...	17.458	2.9	ng/ul	68525	4	17.265	465548	20.0
2-Methyldibenzo...	17.846	5.5	ng/ul	128376	4	17.265	465548	20.0
Phenanthrene, 1...	18.140	22.9	ng/ul	532970	4	17.265	465548	20.0
4-Bromothiophen...	18.334	22.6	ng/ul	527139	4	17.265	465548	20.0
1H-Indene, 2-ph...	18.375	11.8	ng/ul	273924	4	17.265	465548	20.0
5,16[1',2']:8,1...	18.639	8.6	ng/ul	199330	4	17.265	465548	20.0
9,10-Anthracene...	18.686	12.5	ng/ul	290405	4	17.265	465548	20.0
Phenanthrene, 1...	18.886	5.4	ng/ul	126649	4	17.265	465548	20.0
Phenanthrene, 3...	18.939	7.4	ng/ul	171858	4	17.265	465548	20.0
Phenanthrene, 2...	18.980	5.2	ng/ul	120845	4	17.265	465548	20.0
Phenanthrene, 2...	19.062	22.4	ng/ul	521227	4	17.265	465548	20.0
unknown-01	19.121	9.6	ng/ul	224153	4	17.265	465548	20.0
9,10-Dimethylan...	19.151	4.7	ng/ul	109804	4	17.265	465548	20.0
Cyclopenta(def)...	19.203	16.0	ng/ul	371405	4	17.265	465548	20.0
4H-Benz[de]anth...	19.386	4.5	ng/ul	105466	4	17.265	465548	20.0
Pyrene, 1-methyl-	20.014	5.2	ng/ul	556637	5	21.524	2152600	20.0
11H-Benzo[b]flu...	20.179	4.7	ng/ul	507401	5	21.524	2152600	20.0
Pyrene, 2-methyl-	20.343	4.1	ng/ul	440761	5	21.524	2152600	20.0
Fluoranthene, 2...	20.478	3.0	ng/ul	325225	5	21.524	2152600	20.0
11H-Benzo[a]flu...	20.937	3.8	ng/ul	404565	5	21.524	2152600	20.0
Benzo[b]naphtho...	21.113	4.4	ng/ul	477201	5	21.524	2152600	20.0
7H-Benz[de]anth...	21.266	3.0	ng/ul	321255	5	21.524	2152600	20.0
Benz[a]anthrace...	22.229	3.4	ng/ul	360768	5	21.524	2152600	20.0
Benz[a]anthrace...	22.294	3.2	ng/ul	342178	5	21.524	2152600	20.0
Benzo[e]pyrene	24.339	36.9	ng/ul	880189	6	24.627	477721	20.0