LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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: BG061533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.066	8	13	38	rVB	726006	1213628	36.40%	3.289%
2	4.071	178	184	191	rVB	29275	46563	1.40%	0.126%
3	7.061	686	693	705	rBB	108289	178162	5.34%	0.483%
4	7.202	709	717	725	rBV	64453	104405	3.13%	0.283%
5	7.414	747	753	760	rBV	94883	159588	4.79%	0.433%
6	7.872	824	831	838	rVB	89104	146793	4.40%	0.398%
7	8.595	948	954	962	rVB	126281	213408	6.40%	0.578%
8	9.030	1021	1028	1039	rBB	102282	177629	5.33%	0.481%
9	9.752	1144	1151	1159	rBV	96089	163030	4.89%	0.442%
10	10.305	1237	1245	1255	rBV	136460	240291	7.21%	0.651%
11	10.669	1300	1307	1312	rBV	127150	221426	6.64%	0.600%
12	10.716	1312	1315	1322	rVB2	43903	71740	2.15%	0.194%
13	10.804	1324	1330	1340	rBV	106807	196758	5.90%	0.533%
14	13.918	1851	1860	1867	rVB	264290	381595	11.45%	1.034%
15	14.206	1902	1909	1920	rVB	265989	419094	12.57%	1.136%
16	14.511	1952	1961	1967	rBV	207910	323879	9.71%	0.878%
17	14.576	1967	1972	1980	rVB	68530	107207	3.22%	0.291%
18	14.735	1990	1999	2003	rBV2	208437	495464	14.86%	1.343%
19	14.764	2003	2004	2020	rVV2	63784	96674	2.90%	0.262%
20	14.917	2020	2030	2038	rVB	88465	143283	4.30%	0.388%
21	15.510	2122	2131	2136	rVV	366587	535686	16.07%	1.452%
22	15.563	2136	2140	2149	rVB	94370	144152	4.32%	0.391%
23	15.663	2151	2157	2165	rVV2	79698	141638	4.25%	0.384%
24	15.857	2186	2190	2197	rVB	39509	57179	1.72%	0.155%
25	16.010	2205	2216	2223	rBV	41966	92828	2.78%	0.252%
26	16.803	2342	2351	2355	rBV3	22286	42093	1.26%	0.114%
27	16.926	2366	2372	2379	rVB	150318	228660	6.86%	0.620%
28	16.997	2379	2384	2391	rBV2	22468	46732	1.40%	0.127%
29	17.085	2391	2399	2407	rVB	83507	131863	3.96%	0.357%
30	17.267	2424	2430	2433	rBV	252327	384238	11.53%	1.041%
31	17.314	2433	2438	2443	rVV	1520028	2223442	66.69%	6.026%
32	17.367	2443	2447	2450	rVV2	426695	634651	19.04%	1.720%
33	17.402	2450	2453	2458	rVV	318858	448392	13.45%	1.215%
34	17.672	2489	2499	2510	rBV2	175239	335476	10.06%	0.909%
35	17.784	2513	2518	2525	rVB4	29243	43861	1.32%	0.119%
36	17.855	2525	2530	2538	rVB5	45955	82126	2.46%	0.223%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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	18.142	2571	2579	2584	rBV	155072	270844	8.12%	0.734%
38	18.195	2584	2588	2594	rVB	240607	352693	10.58%	0.956%
39	18.278	2596	2602	2607	rBV	72661	107281	3.22%	0.291%
40	18.342	2607	2613	2617	rBV3	200158	374729	11.24%	1.016%
41	18.377	2617	2619	2624	rVB	103295	120067	3.60%	0.325%
42	18.448	2627	2631	2635	rBV2	27520	42890	1.29%	0.116%
43	18.642	2659	2664	2669	rBV	135908	193365	5.80%	0.524%
44	18.695	2669	2673	2678	rVB	145151	199529	5.98%	0.541%
45	18.889	2698	2706	2711	rBV5	37965	73352	2.20%	0.199%
46	18.942	2711	2715	2718	rVV	38183	51109	1.53%	0.139%
47	18.983	2718	2722	2726	rVB3	37173	52033	1.56%	0.141%
48	19.065	2727	2736	2739	rBV2	75576	141943	4.26%	0.385%
49	19.106	2739	2743	2746	rVV3	56537	112599	3.38%	0.305%
50	19.212	2755	2761	2769	rVB2	162433	283745	8.51%	0.769%
51	19.335	2774	2782	2788	rVB	2271309	3333908	100.00%	9.036%
52	19.429	2794	2798	2803	rVB	60752	83942	2.52%	0.228%
53	19.529	2810	2815	2818	rBV3	39549	79122	2.37%	0.214%
54	19.570	2819	2822	2826	rVB	41796	61457	1.84%	0.167%
55	19.664	2832	2838	2840	rBV3	791244	1177795	35.33%	3.192%
56	19.699	2840	2844	2850	rVV	1474590	2134247	64.02%	5.785%
57	19.764	2850	2855	2862	rVB2	108117	172991	5.19%	0.469%
58	19.870	2867	2873	2879	rBV	137971	210391	6.31%	0.570%
59	19.934	2879	2884	2891	rVB	104507	167037	5.01%	0.453%
60	20.023	2891	2899	2905	rBV2	131388	363409	10.90%	0.985%
61	20.146	2915	2920	2923	rBV3	90395	181839	5.45%	0.493%
62	20.181	2924	2926	2932	rVB	125929	177445	5.32%	0.481%
63	20.287	2938	2944	2947	rBV2	41415	66620	2.00%	0.181%
64	20.346	2947	2954	2958	rBV2	164996	328780	9.86%	0.891%
65	20.381	2958	2960	2963	rVB2	46293	46637	1.40%	0.126%
66	20.422	2964	2967	2972	rVB	44529	64325	1.93%	0.174%
67	20.487	2974	2978	2981	rBV	71649	93630	2.81%	0.254%
68	20.528	2981	2985	2990	rVV2	86511	124490	3.73%	0.337%
69	20.739	3017	3021	3025	rBV4	39977	73835	2.21%	0.200%
70	20.786	3026	3029	3037	rVV6	44922	99442	2.98%	0.270%
71	20.945	3051	3056	3062	rBV	403152	567222	17.01%	1.537%
72	21.115	3078	3085	3089	rBV2	250853	459763	13.79%	1.246%
73	21.162	3089	3093	3096	rVV	170766	283444	8.50%	0.768%
74	21.215	3097	3102	3107	rVV2	181206	402061	12.06%	1.090%
75	21.274	3107	3112	3124	rVB	360723	566437	16.99%	1.535%
76	21.392	3124	3132	3140	rBV2	65372	199241	5.98%	0.540%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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	21.521	3142	3154	3160	rVV3	1238209	2878862	86.35%	7.803%
78	21.580	3160	3164	3176	rVB	978869	1626549	48.79%	4.409%
79	21.721	3184	3188	3195	rBV3	66430	124558	3.74%	0.338%
80	21.791	3197	3200	3208	rBV7	42344	126482	3.79%	0.343%
81	21.926	3217	3223	3229	rBV2	78039	155776	4.67%	0.422%
82	21.991	3230	3234	3239	rBV4	56248	91115	2.73%	0.247%
83	22.238	3269	3276	3282	rVB	156436	294157	8.82%	0.797%
84	22.308	3282	3288	3295	rVB3	97283	193476	5.80%	0.524%
85	22.396	3299	3303	3308	rVB2	32395	50360	1.51%	0.136%
86	22.502	3316	3321	3325	rBV	71858	135558	4.07%	0.367%
87	22.637	3338	3344	3351	rVB3	50559	117711	3.53%	0.319%
88	22.896	3383	3388	3394	rBV4	44862	93896	2.82%	0.254%
89	23.137	3425	3429	3436	rVB5	47358	96846	2.90%	0.262%
90	23.301	3448	3457	3471	rVB4	95070	332419	9.97%	0.901%
91	23.530	3493	3496	3501	rVB2	32011	55682	1.67%	0.151%
92	23.665	3509	3519	3526	rBV	711607	2297109	68.90%	6.226%
93	23.906	3553	3560	3567	rVB	113605	246228	7.39%	0.667%
94	24.100	3587	3593	3596	rBV3	47197	104733	3.14%	0.284%
95	24.353	3628	3636	3642	rBV2	129318	351862	10.55%	0.954%
96	24.423	3643	3648	3654	rVV3	183755	459976	13.80%	1.247%
97	24.494	3654	3660	3672	rVB	335899	892651	26.77%	2.419%
98	24.641	3675	3685	3692	rBV	213731	606278	18.19%	1.643%
99	28.184	4275	4288	4308	rVB4	166967	847067	25.41%	2.296%
100	28.618	4355	4362	4372	rVB2	42261	146858	4.40%	0.398%

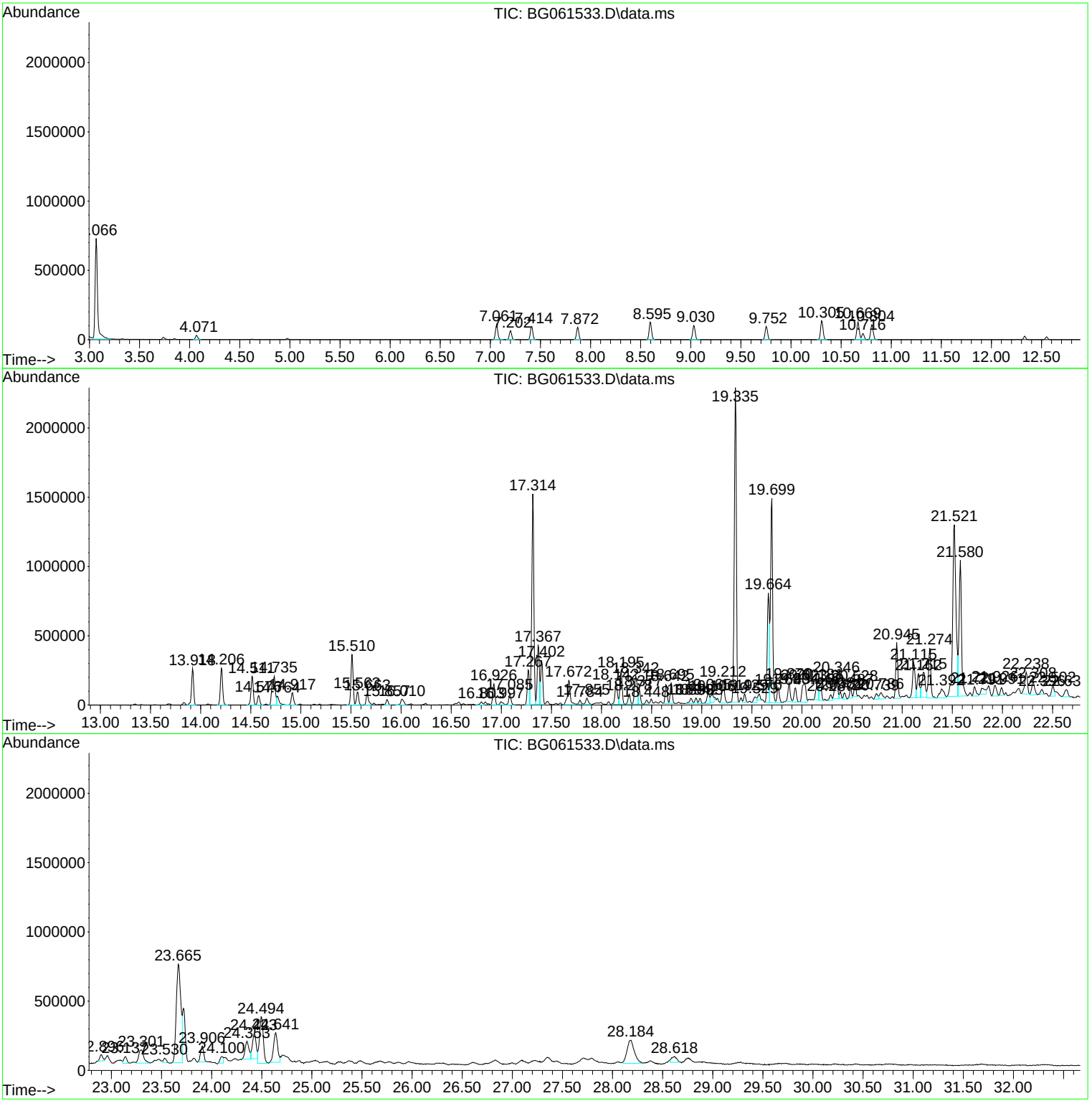
Sum of corrected areas: 36895532

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

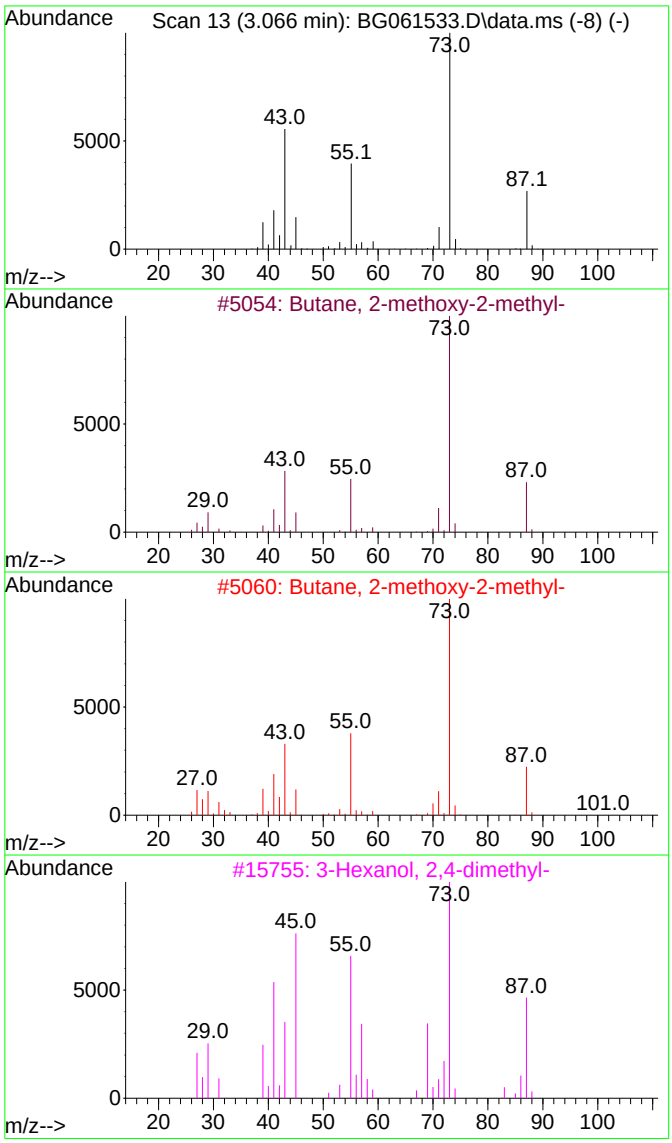
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

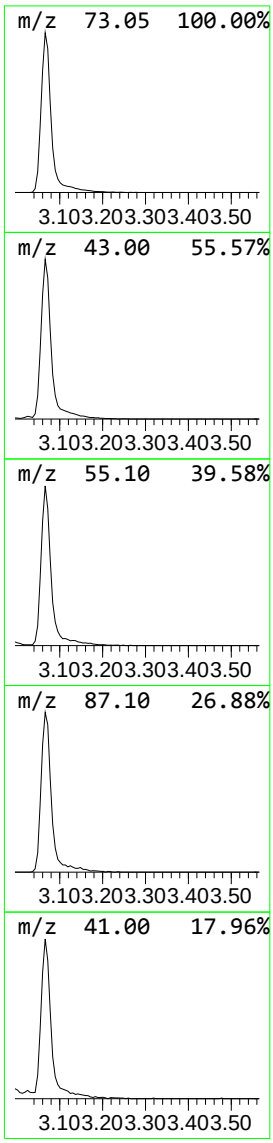
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.066	165.35 ng/ul	1213630	1,4-Dichlorobenzene-d4	7.872

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	72
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

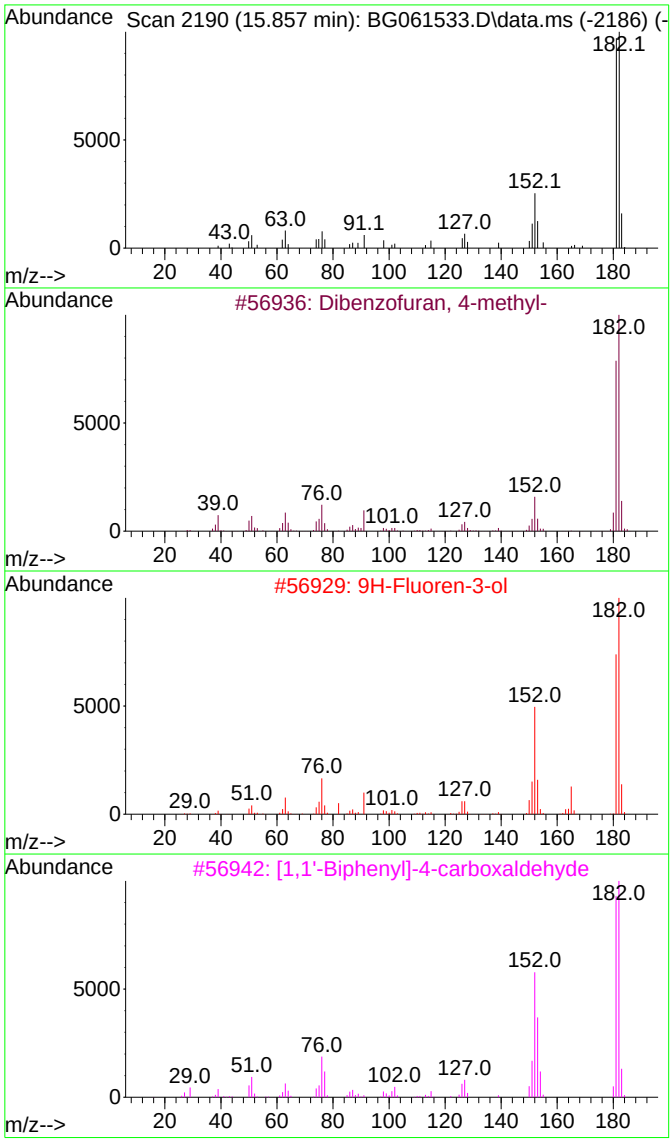
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

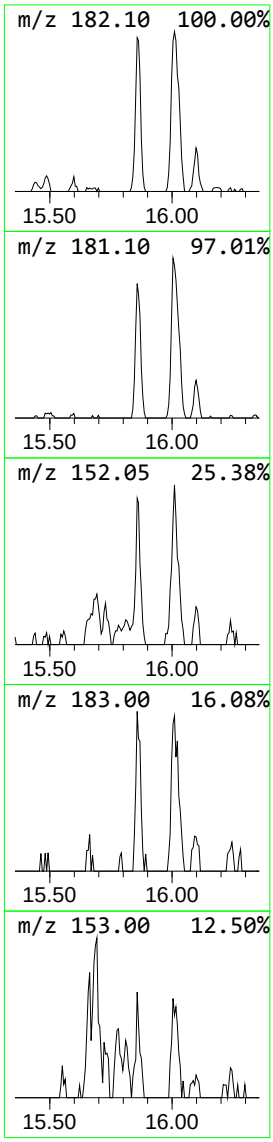
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	3.53 ng/ul	57179	Acenaphthene-d10	14.511

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

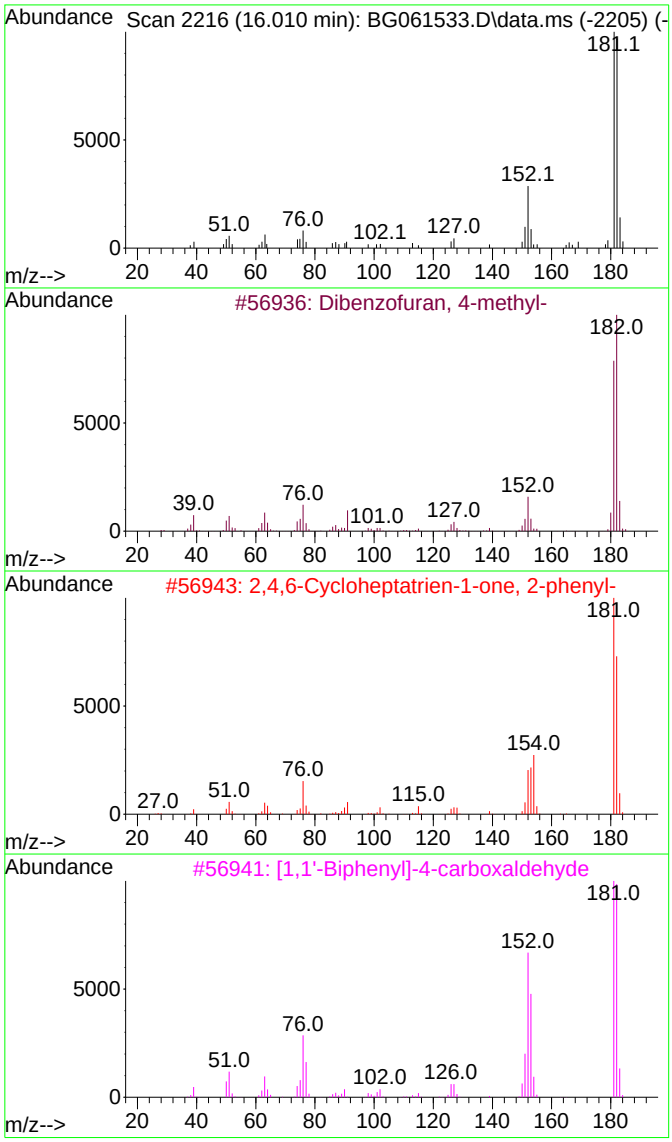
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

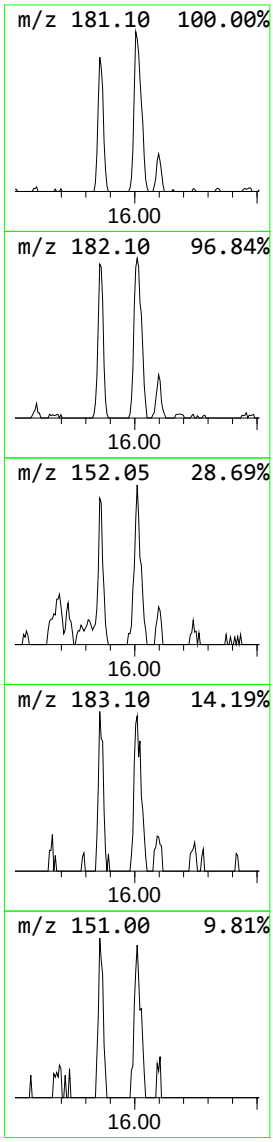
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.010	4.83 ng/ul	92828	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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

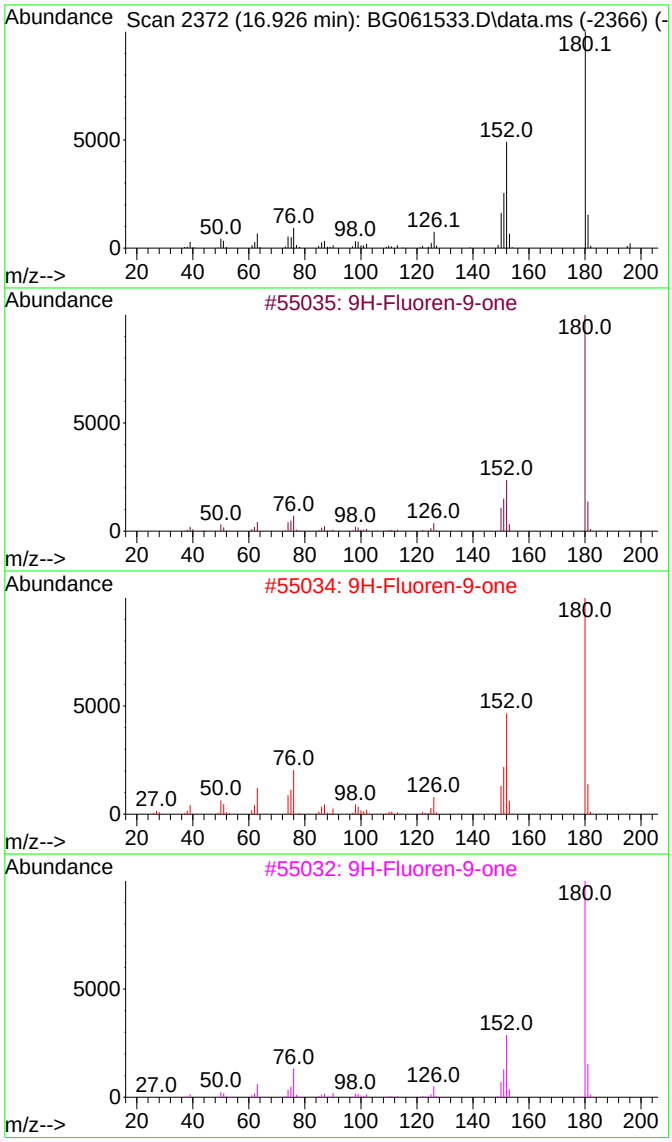
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

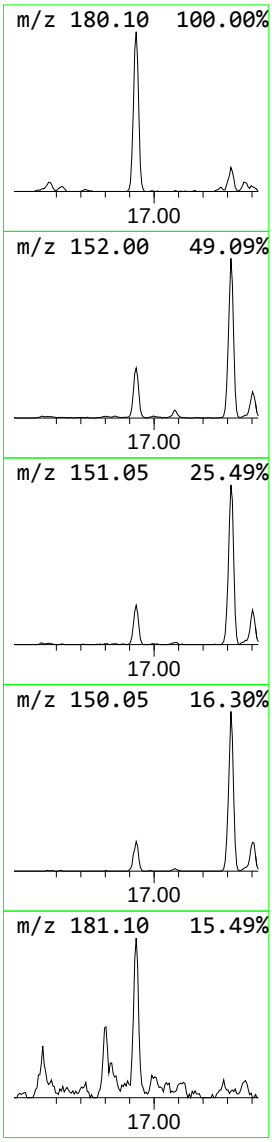
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.926	11.90 ng/ul	228660	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

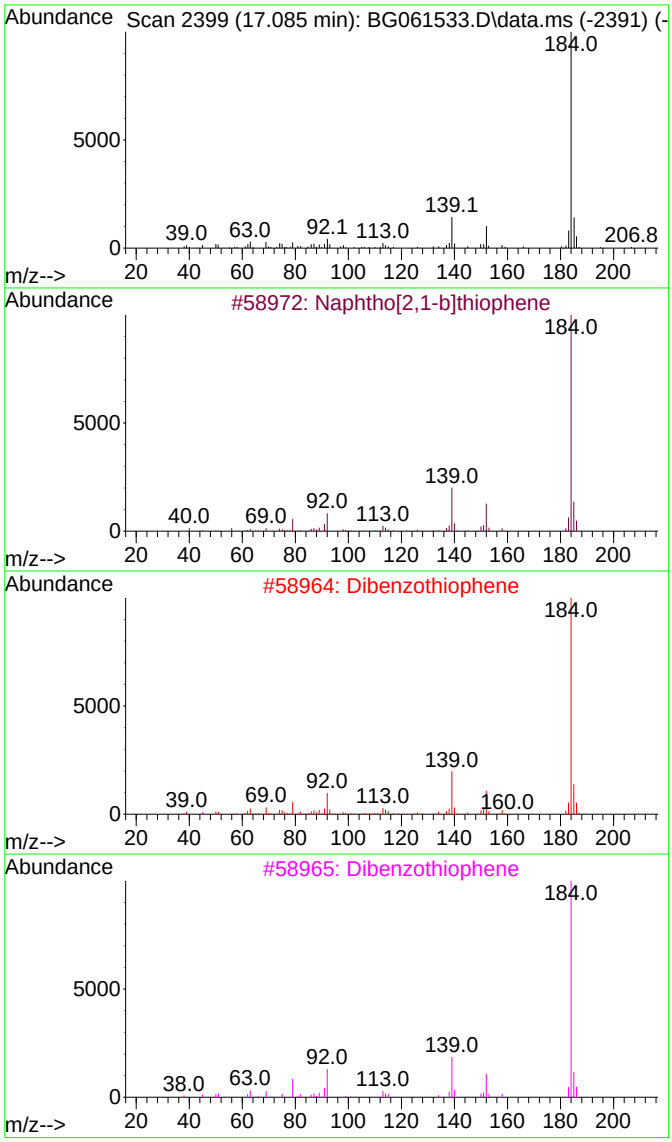
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

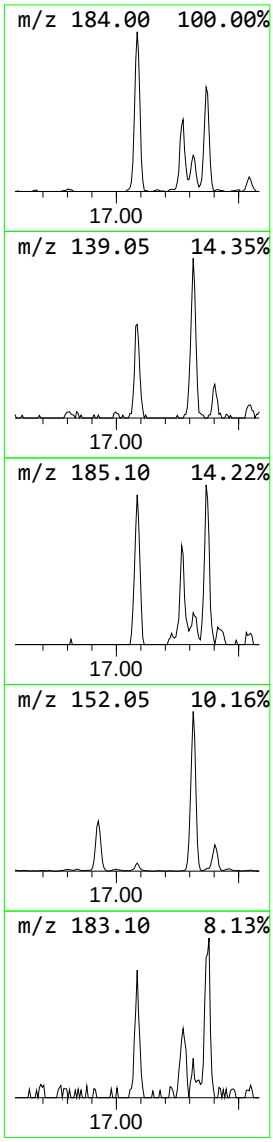
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.085	6.86 ng/ul	131863	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

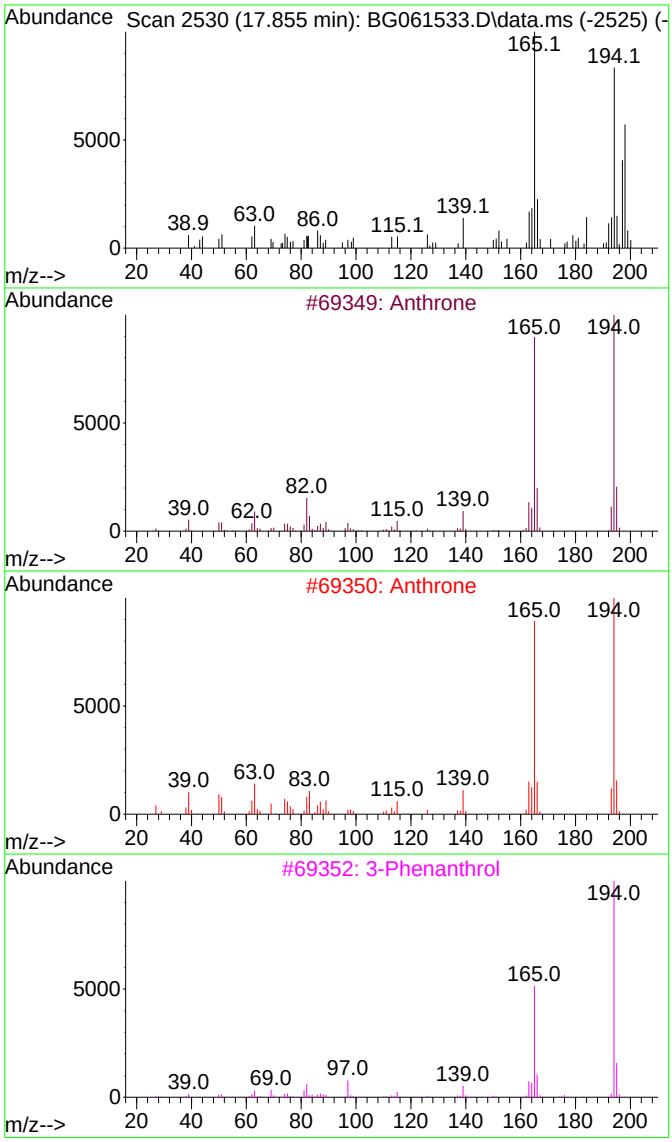
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

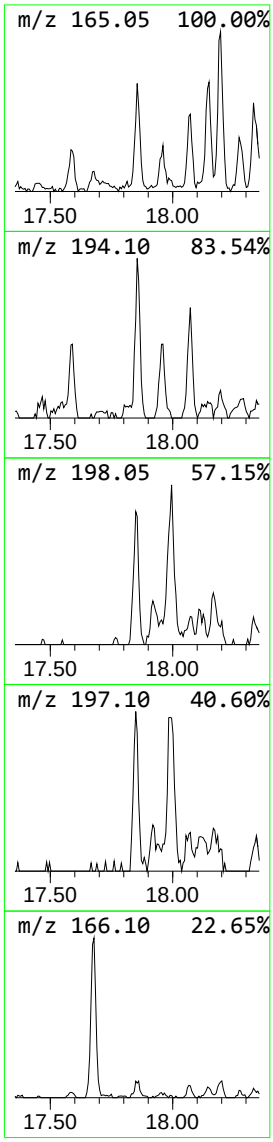
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.855	4.27 ng/ul	82126	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	93
2	Anthrone	194	C14H10O	000090-44-8	83
3	3-Phenanthrol	194	C14H10O	000605-87-8	83
4	Anthrone	194	C14H10O	000090-44-8	64
5	Anthrone	194	C14H10O	000090-44-8	64





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

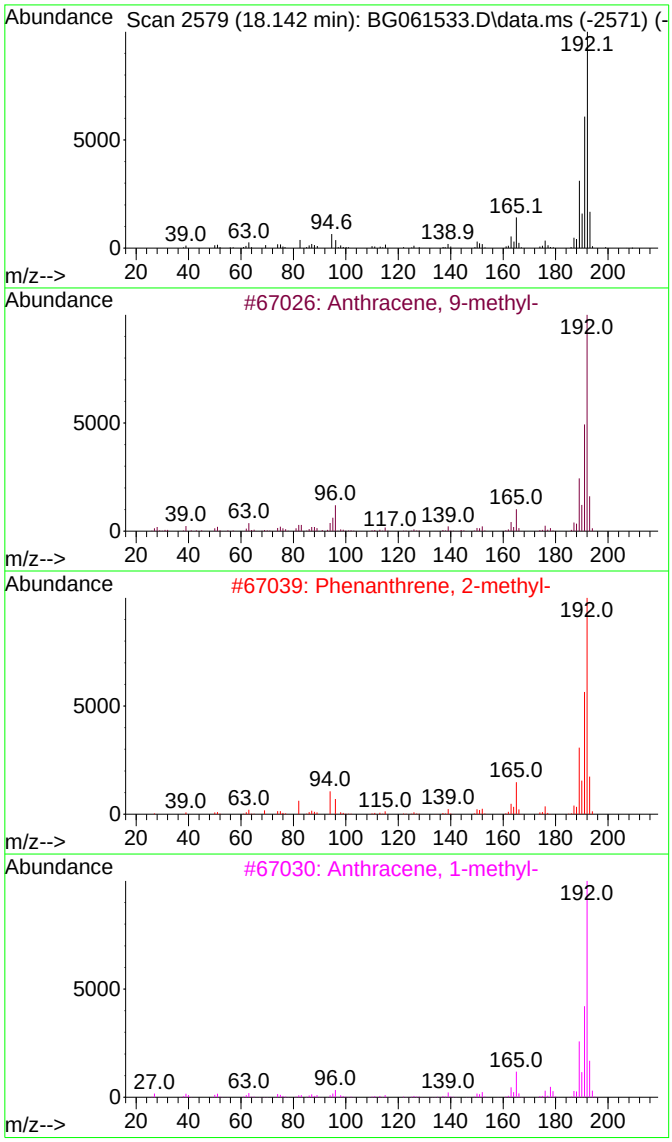
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

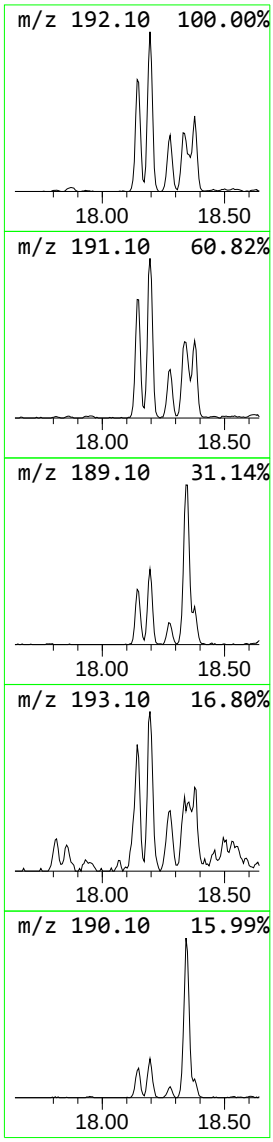
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	14.10 ng/ul	270844	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

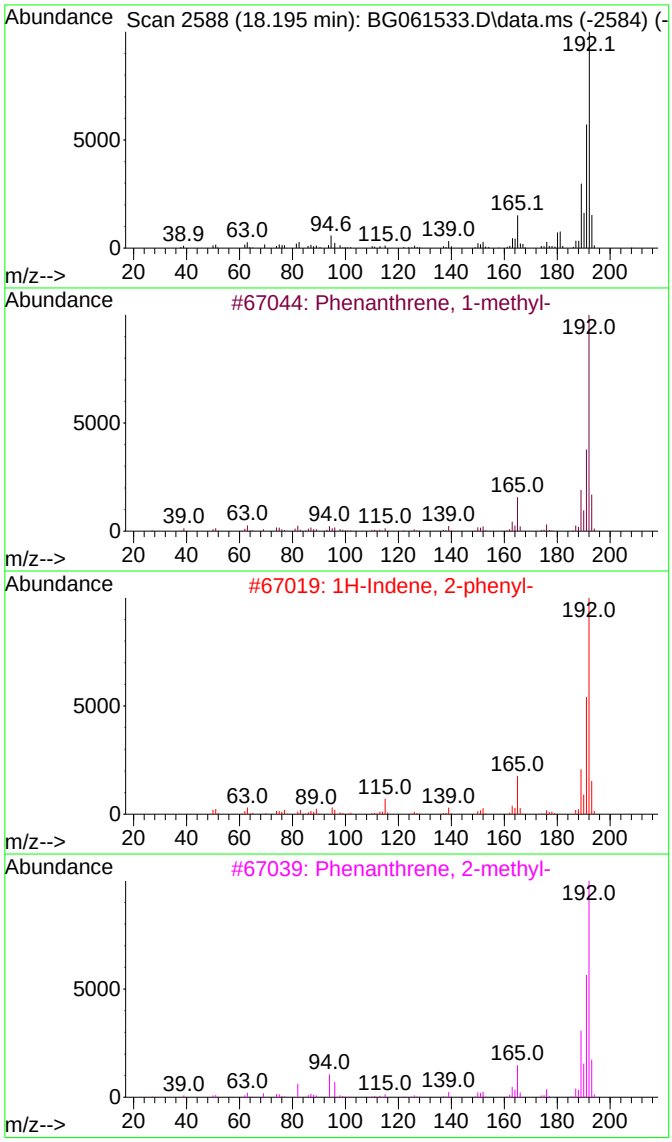
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

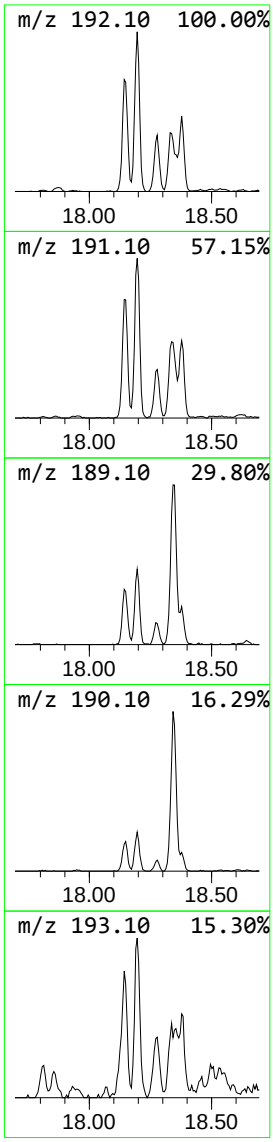
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	18.36 ng/ul	352693	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

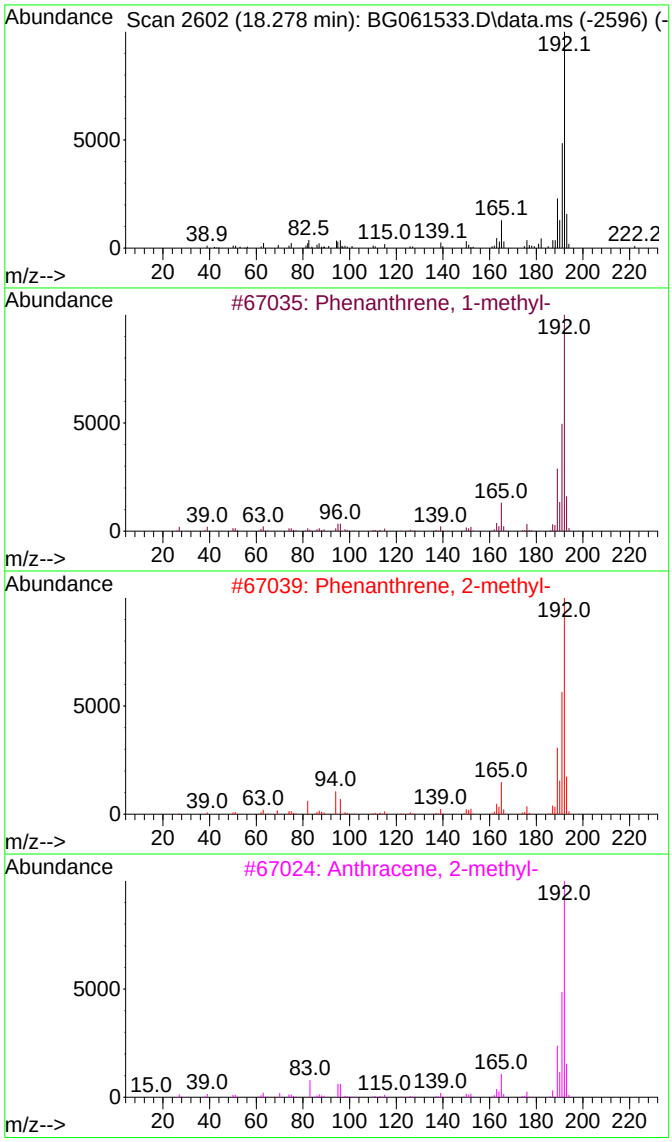
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

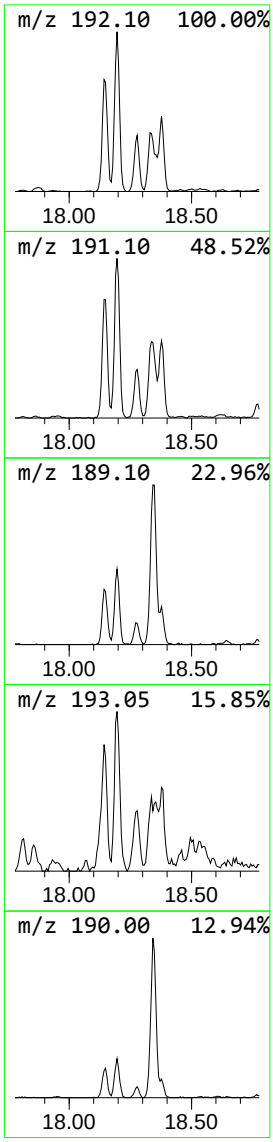
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.278	5.58 ng/ul	107281	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

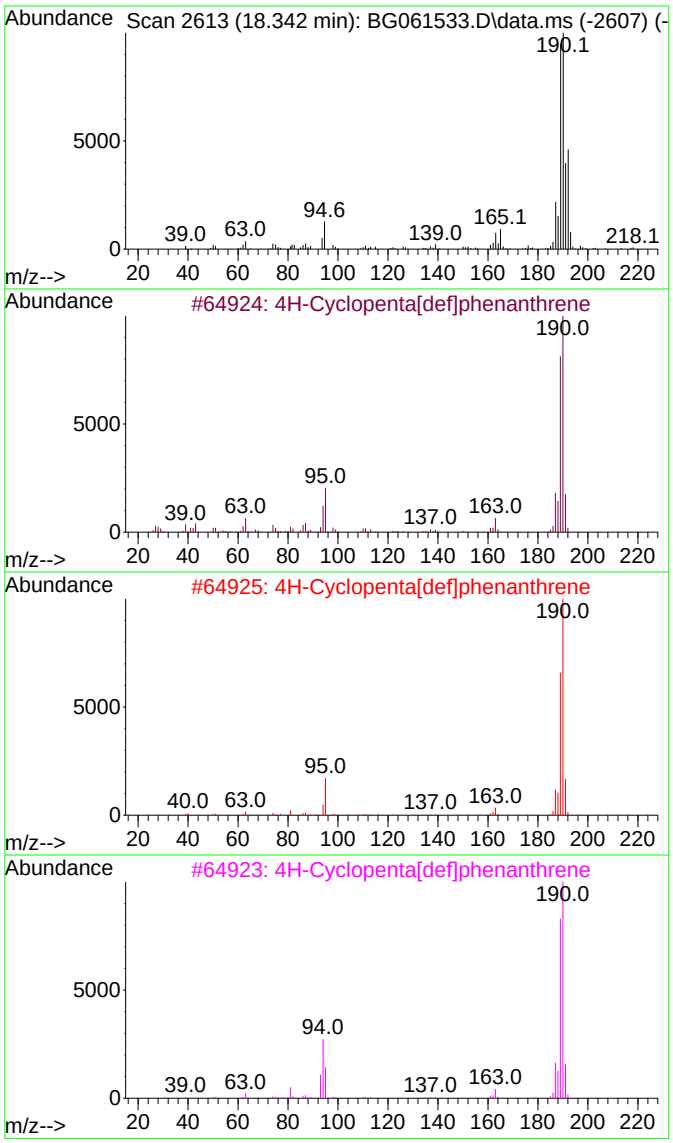
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

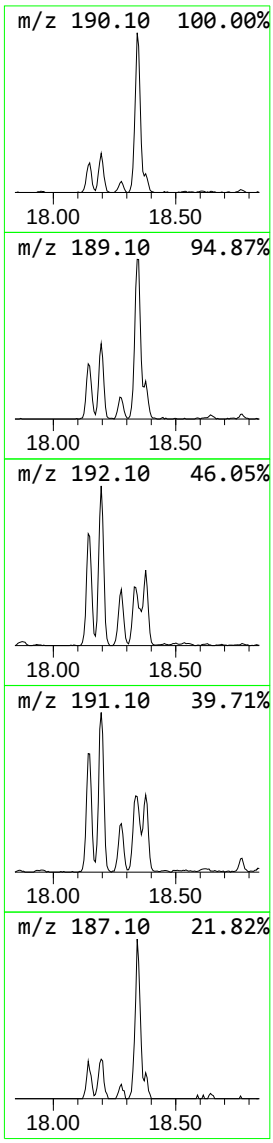
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.342	19.50 ng/ul	374729	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

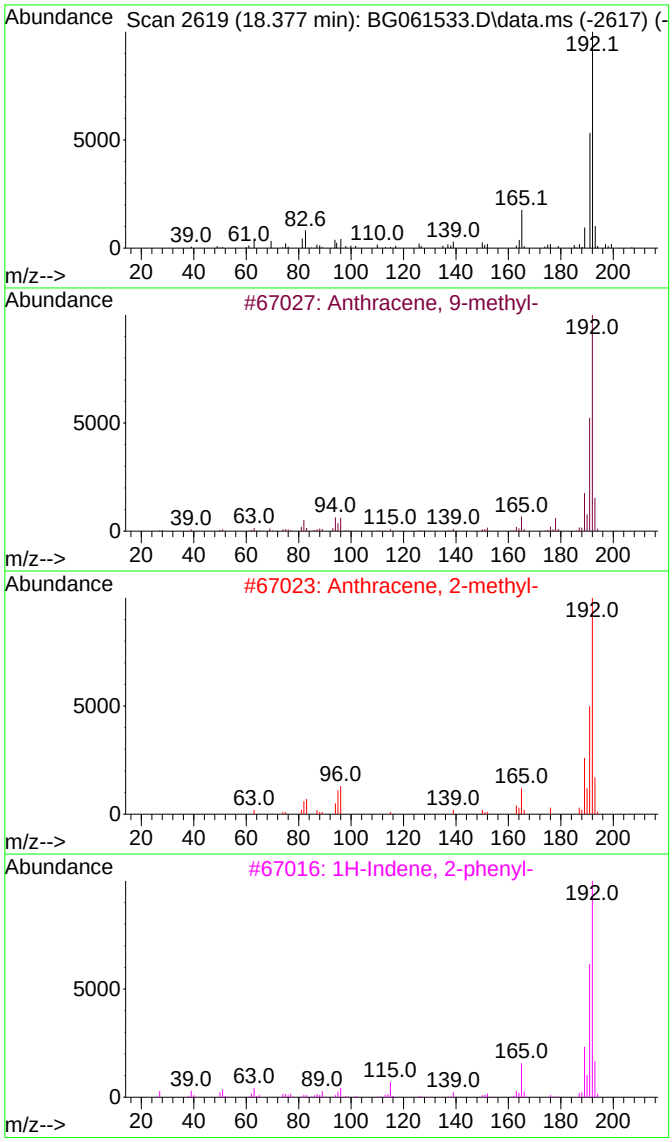
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

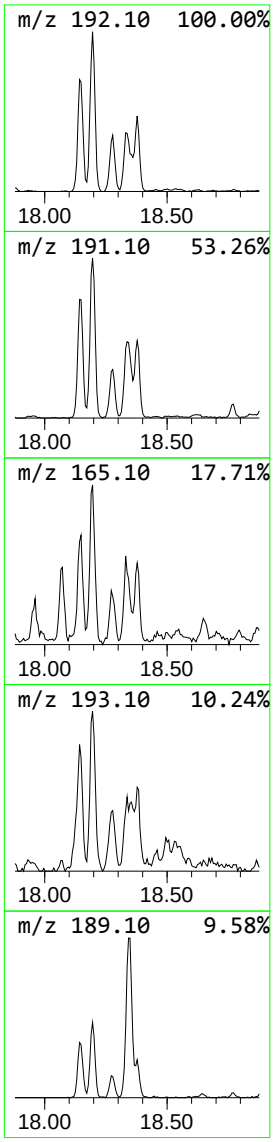
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.378	6.25 ng/ul	120067	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64





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Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

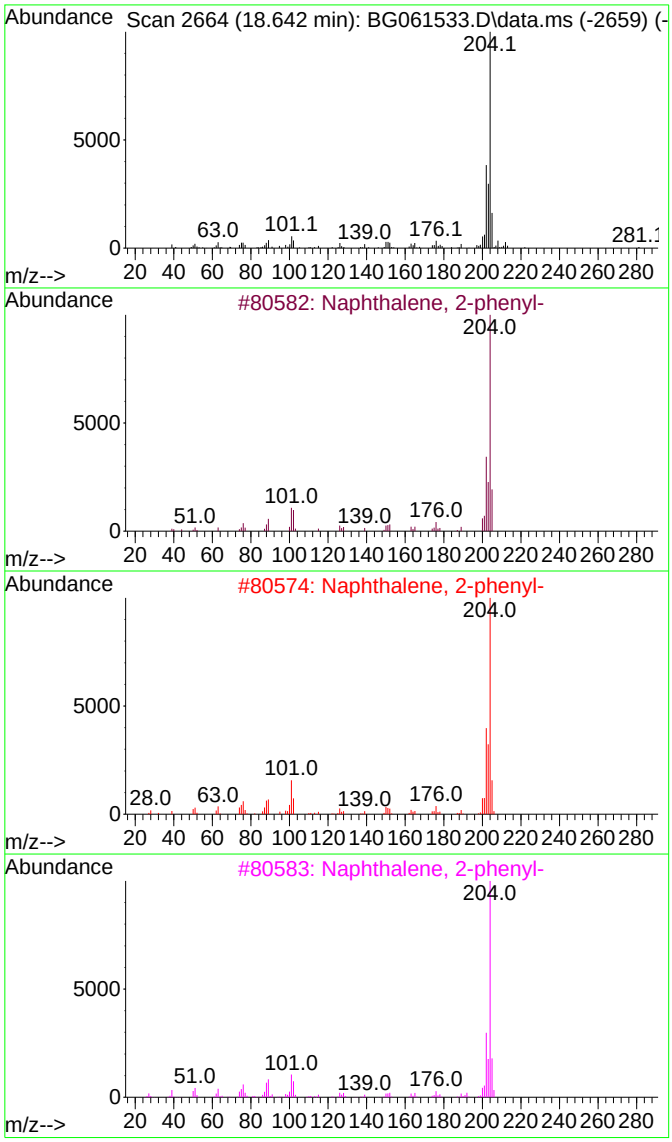
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

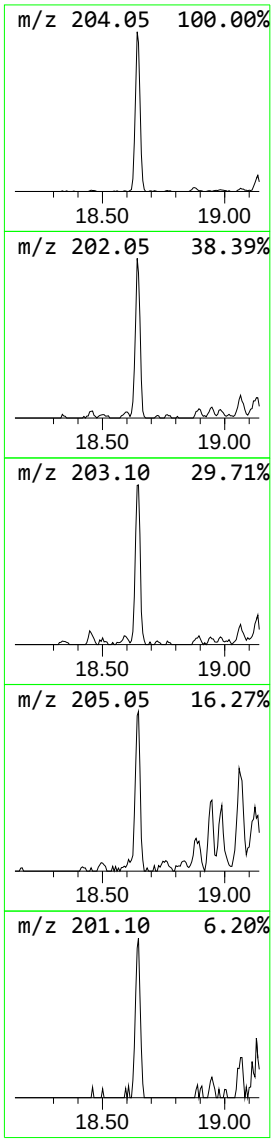
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.642	10.06 ng/ul	193365	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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

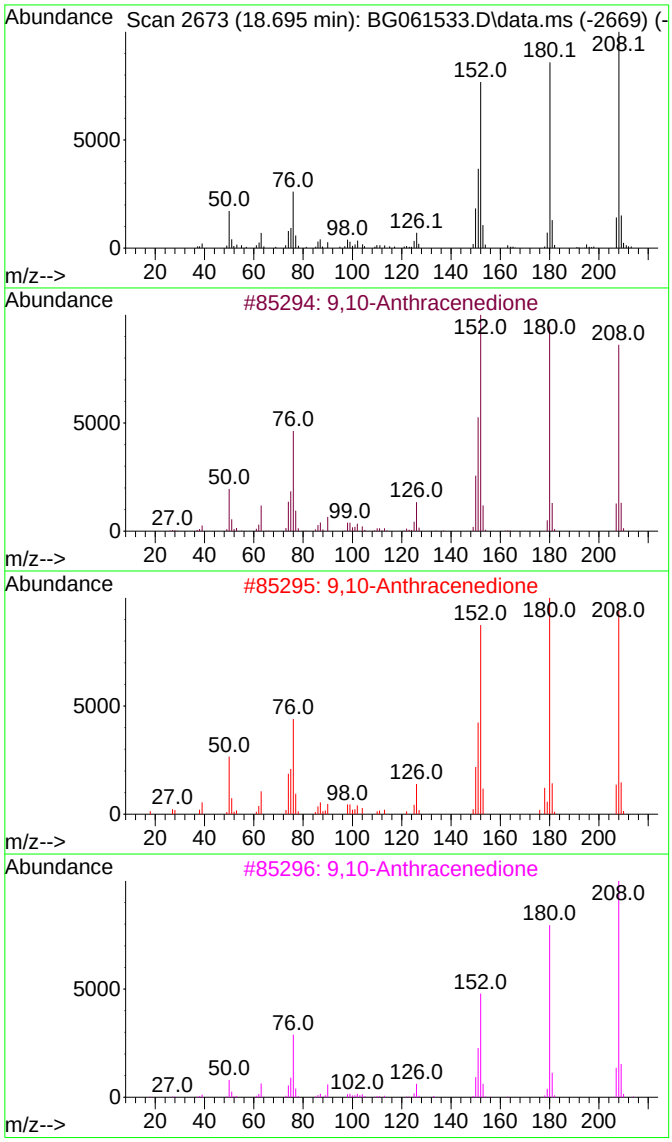
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

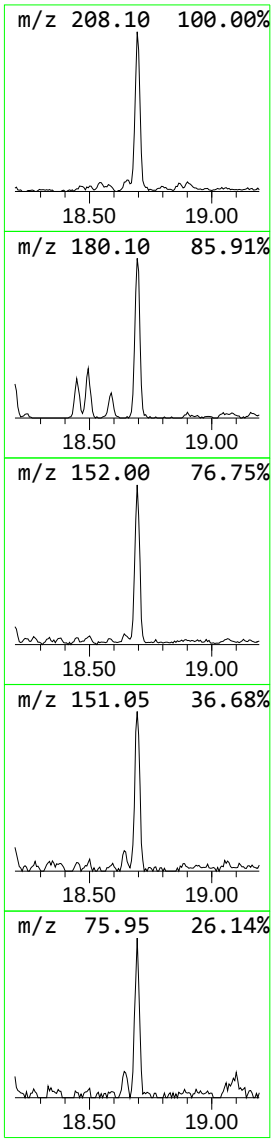
****

Peak Number 18 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.695	10.39 ng/ul	199529	Phenanthrene-d10	17.267

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

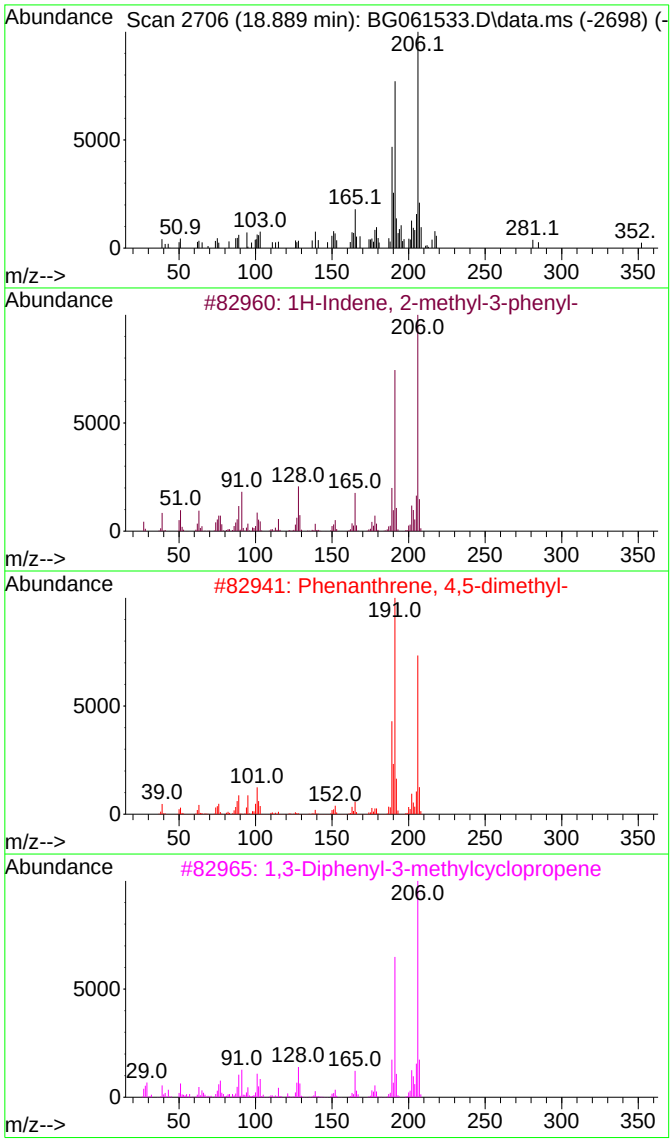
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

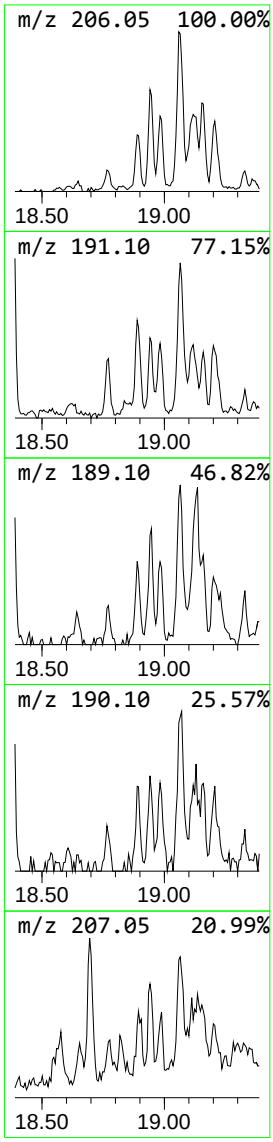
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.889	3.82 ng/ul	73352	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





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Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

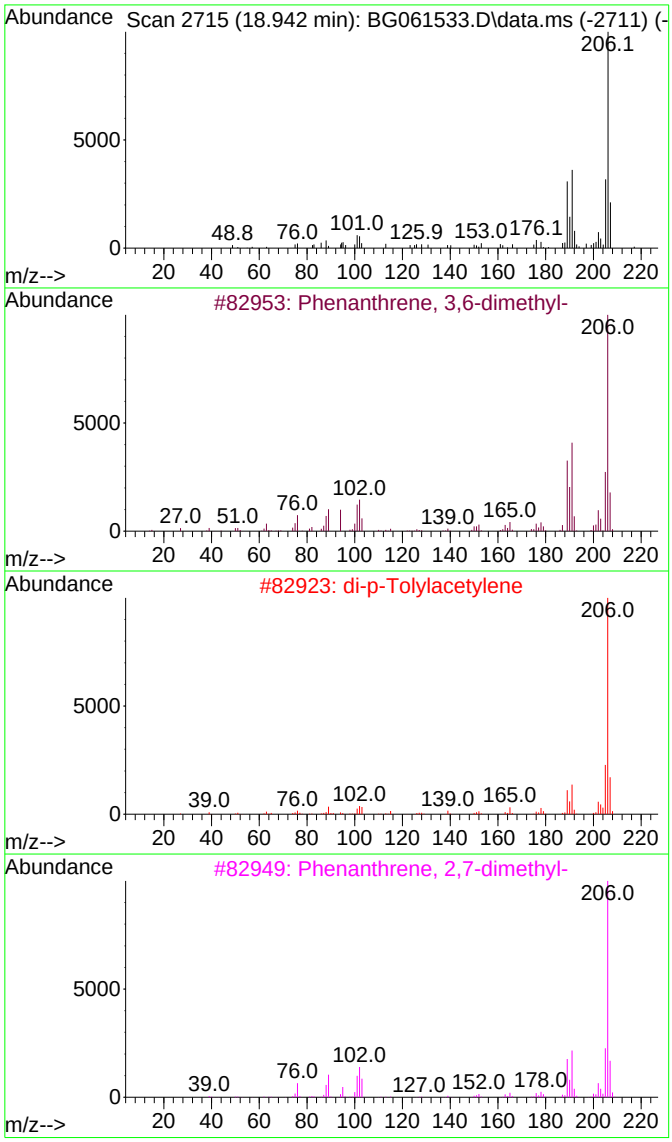
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

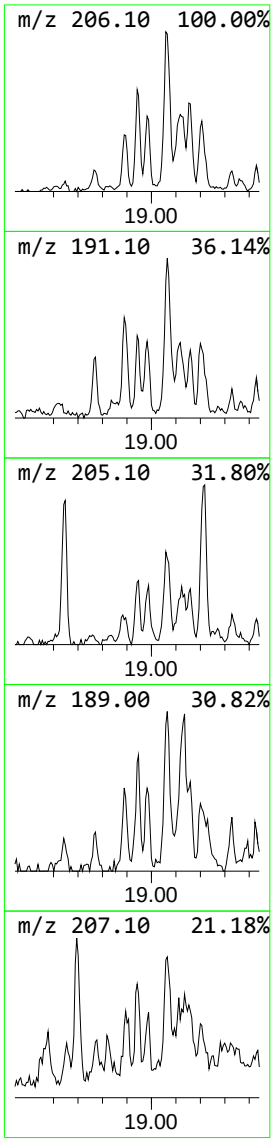
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.942	2.66 ng/ul	51109	Phenanthrene-d10	17.267

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

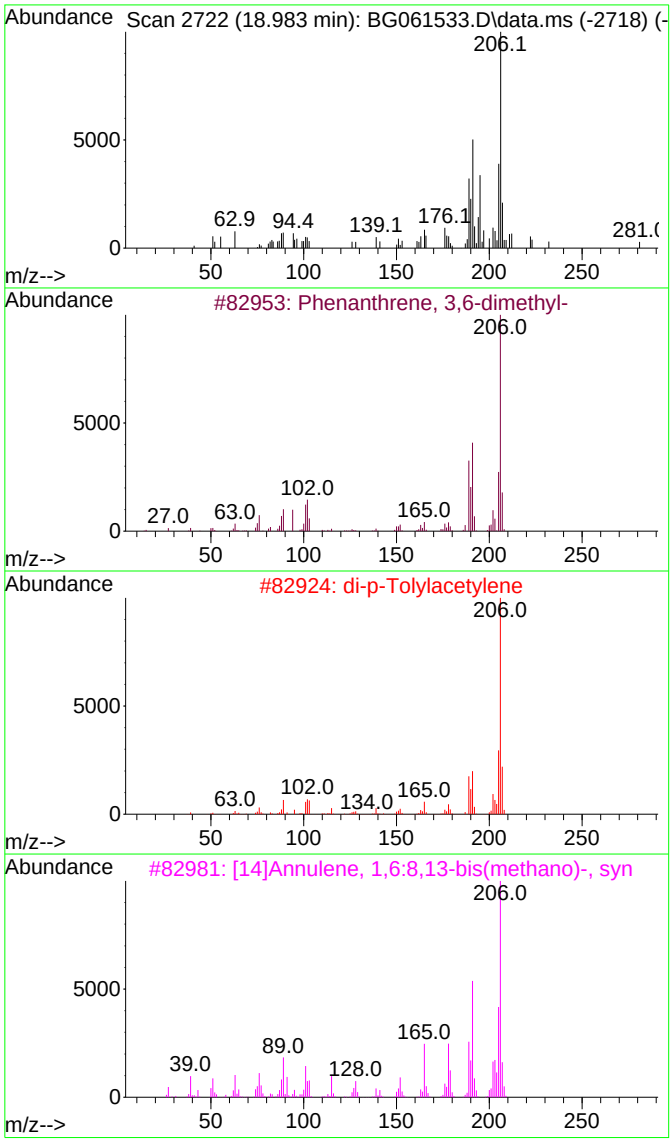
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

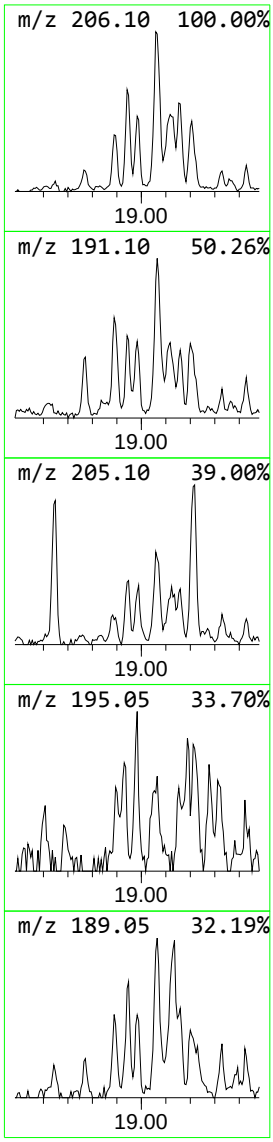
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 di-p-Tolylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.983	2.71 ng/ul	52033	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

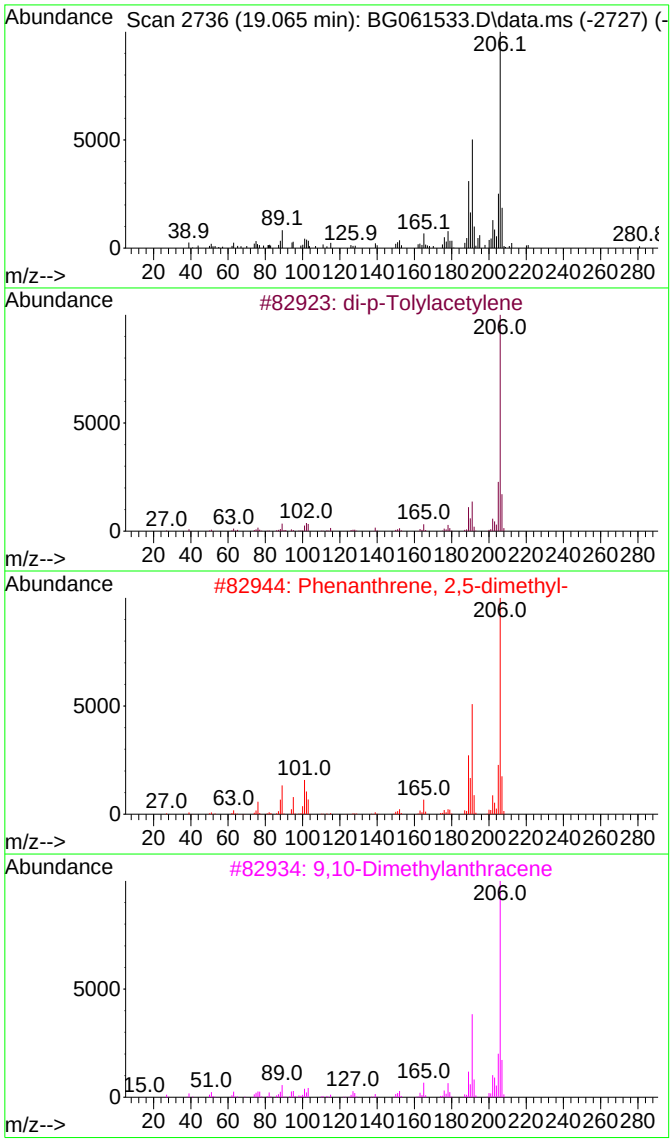
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

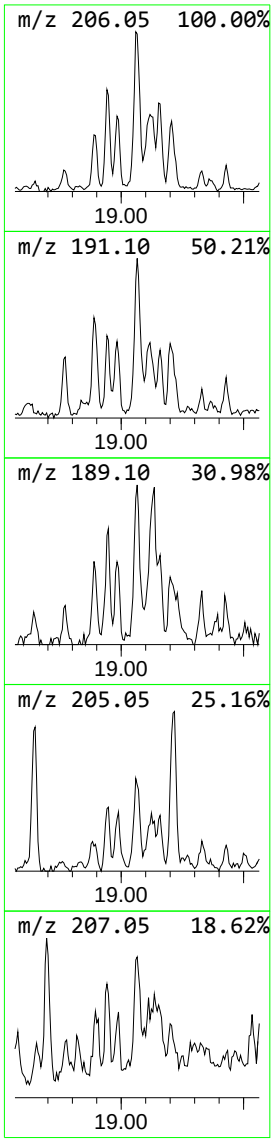
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.065	7.39 ng/ul	141943	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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

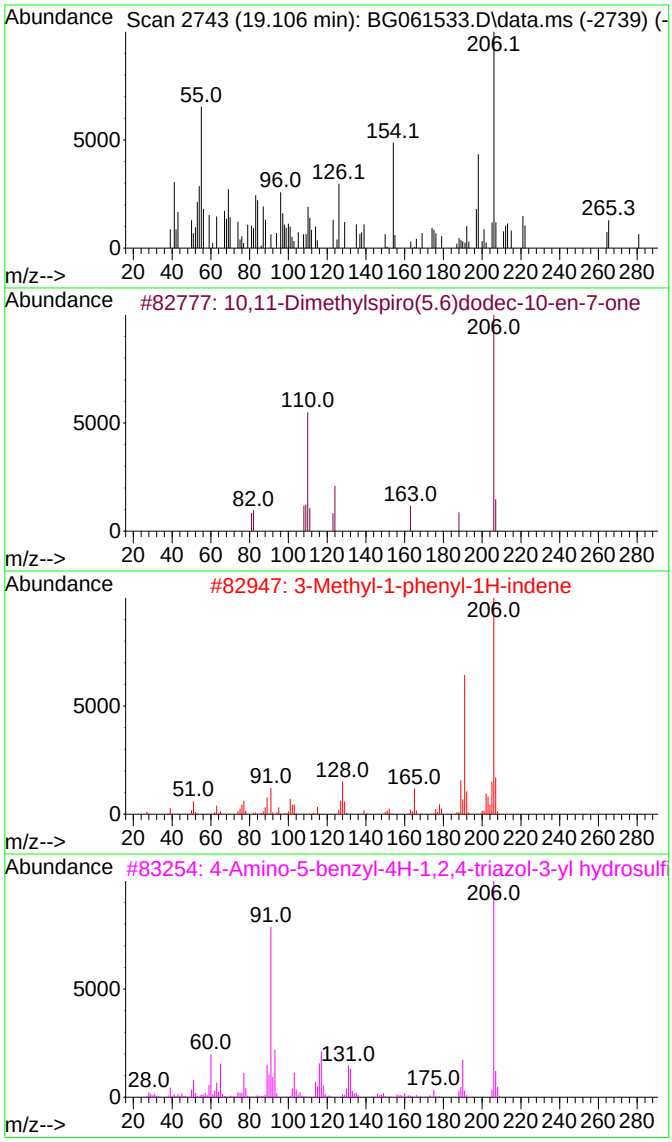
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

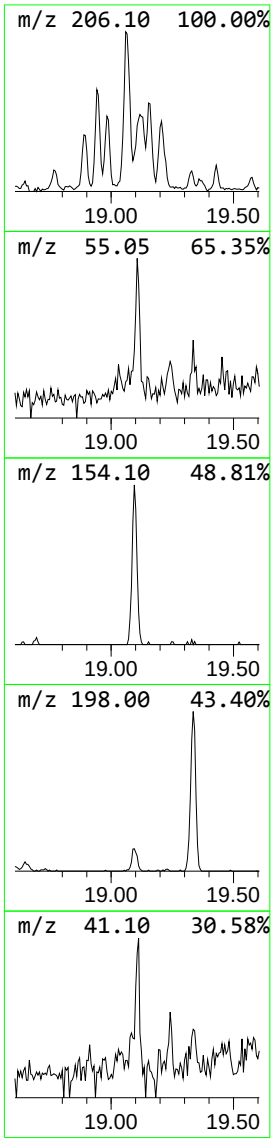
****

Peak Number 23 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.106	5.86 ng/ul	112599	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,11-Dimethylspiro(5.6)dodec-10...	206	C14H22O	1000427-11-9	27
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	25
3	4-Amino-5-benzyl-4H-1,2,4-triazo...	206	C9H10N4S	1000476-91-1	22
4	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	22
5	4,4,6-Trimethyl-2-(1-piperidino)...	221	C14H23NO	074306-40-4	22





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

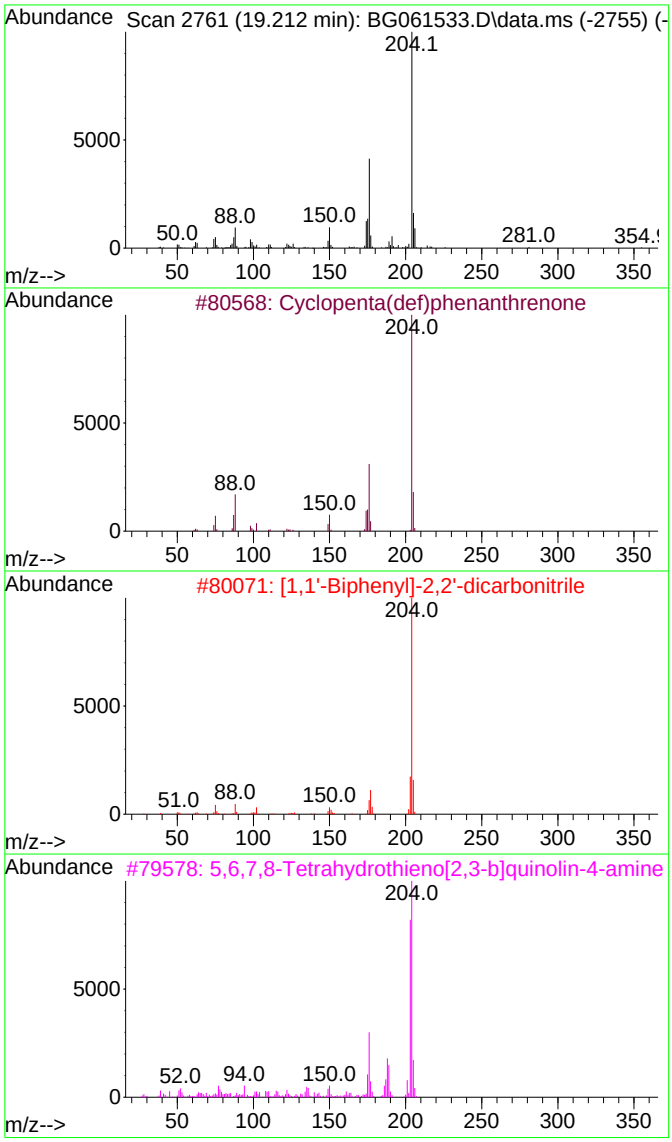
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

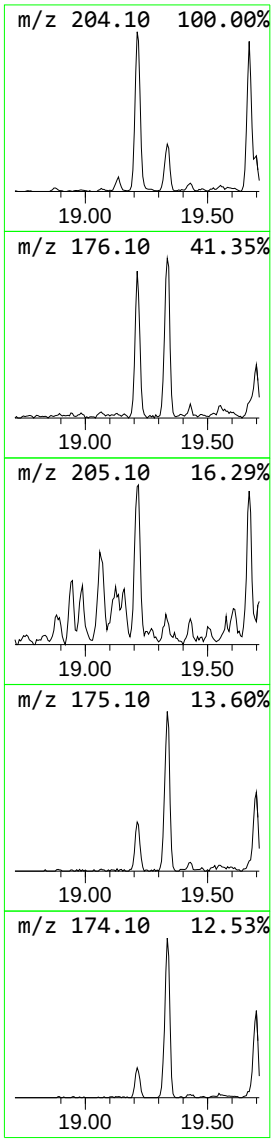
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.212	14.77 ng/ul	283745	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	45
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	40





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Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

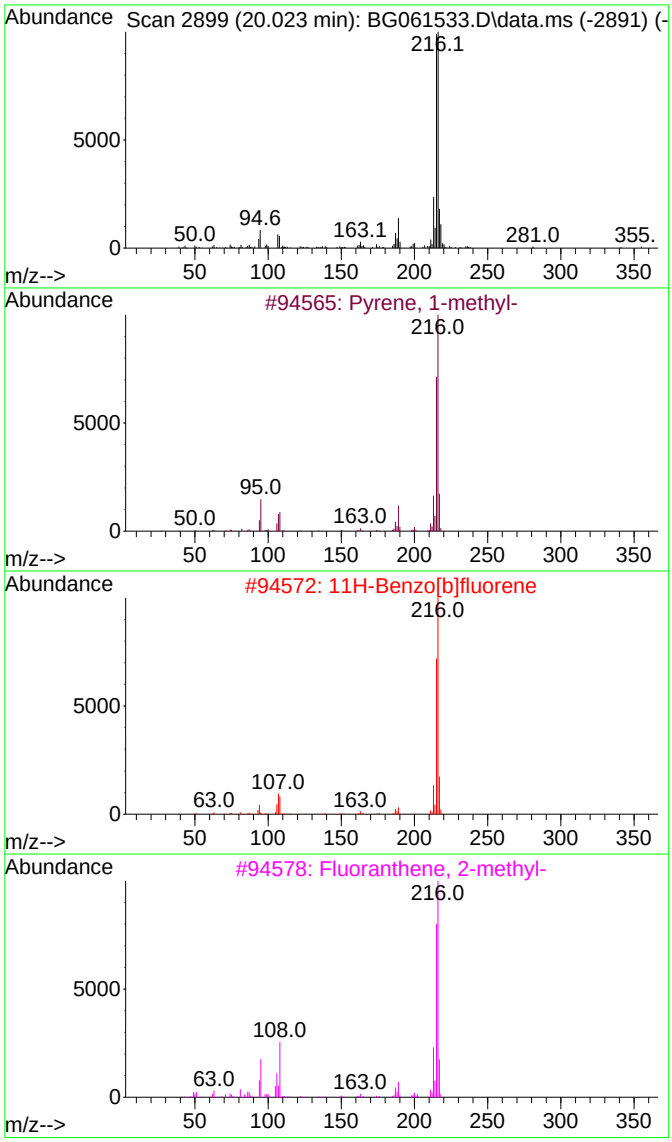
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

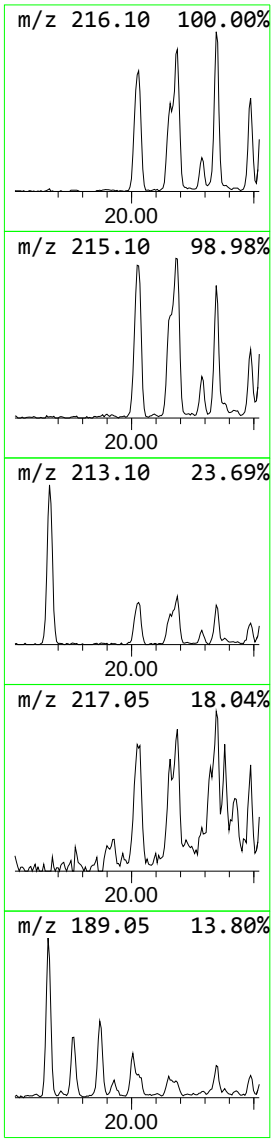
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.023	2.52 ng/ul	363409	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

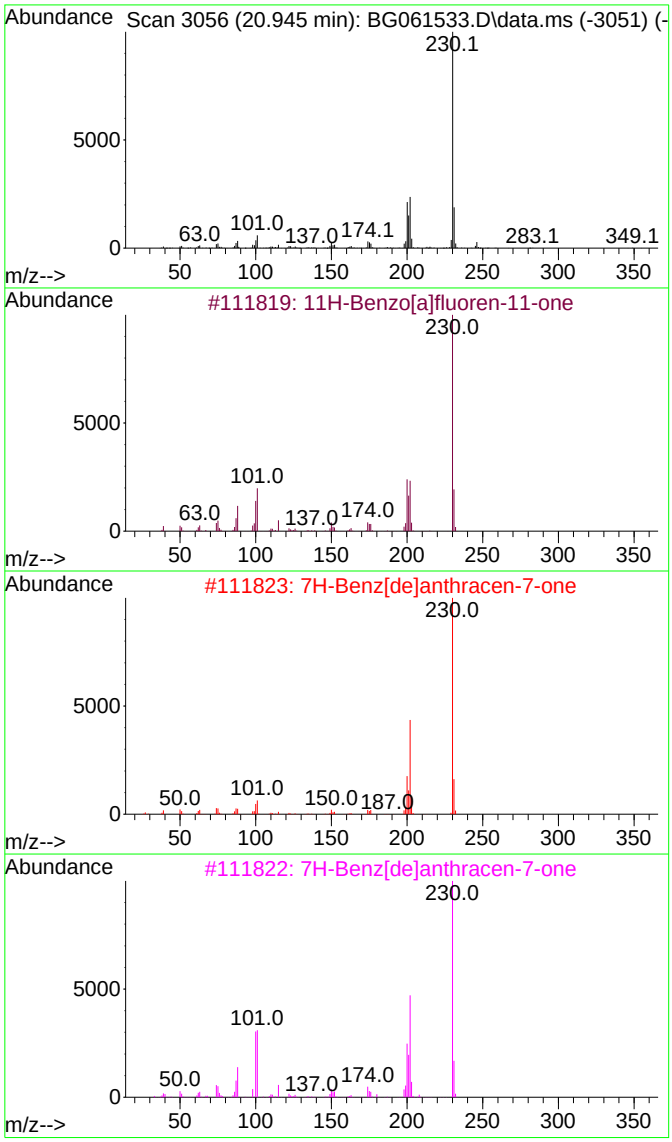
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

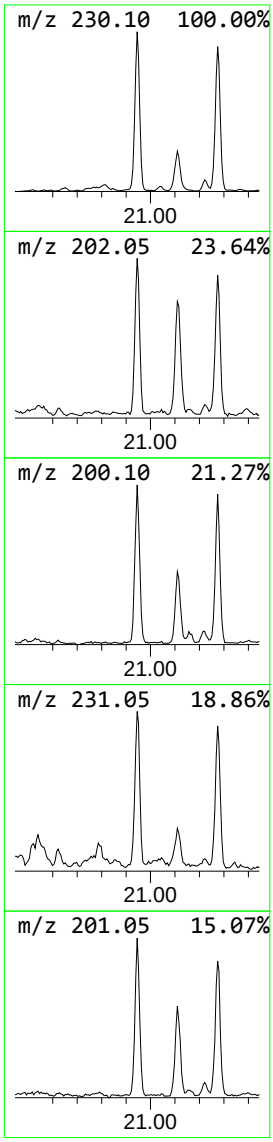
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	3.94 ng/ul	567222	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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	87
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

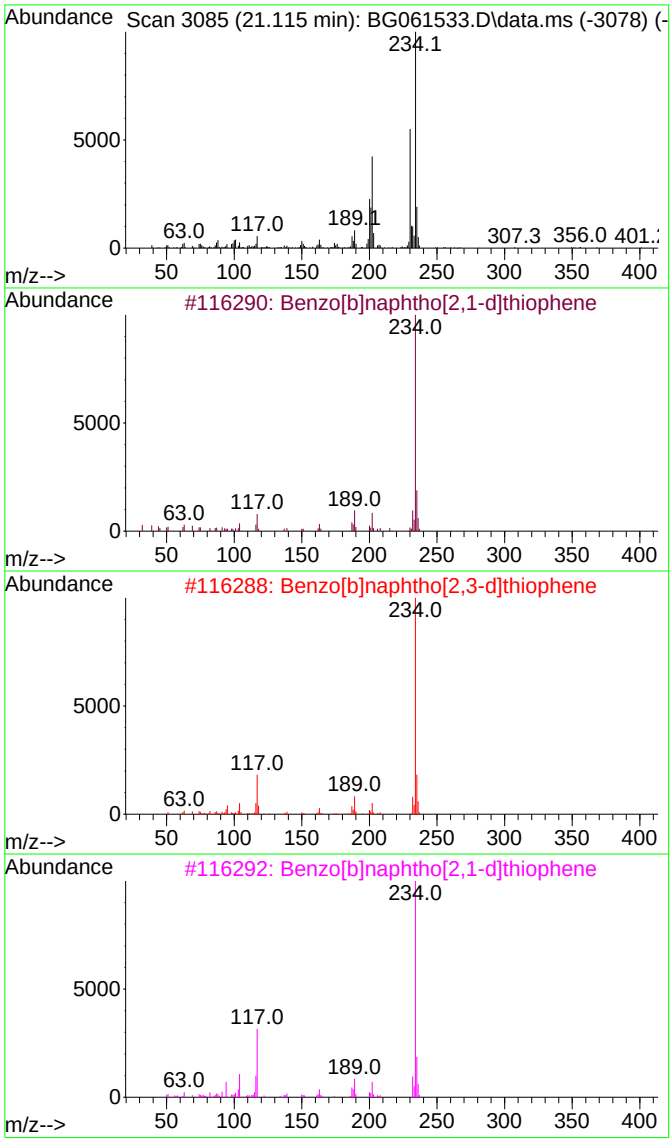
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

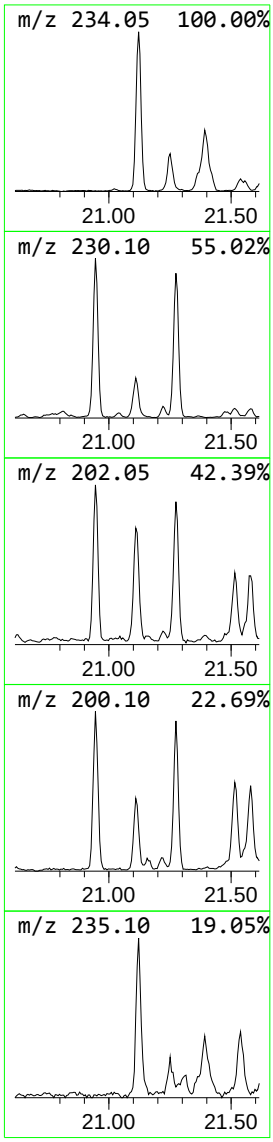
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.116	3.19 ng/ul	459763	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	55
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	50
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	49





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

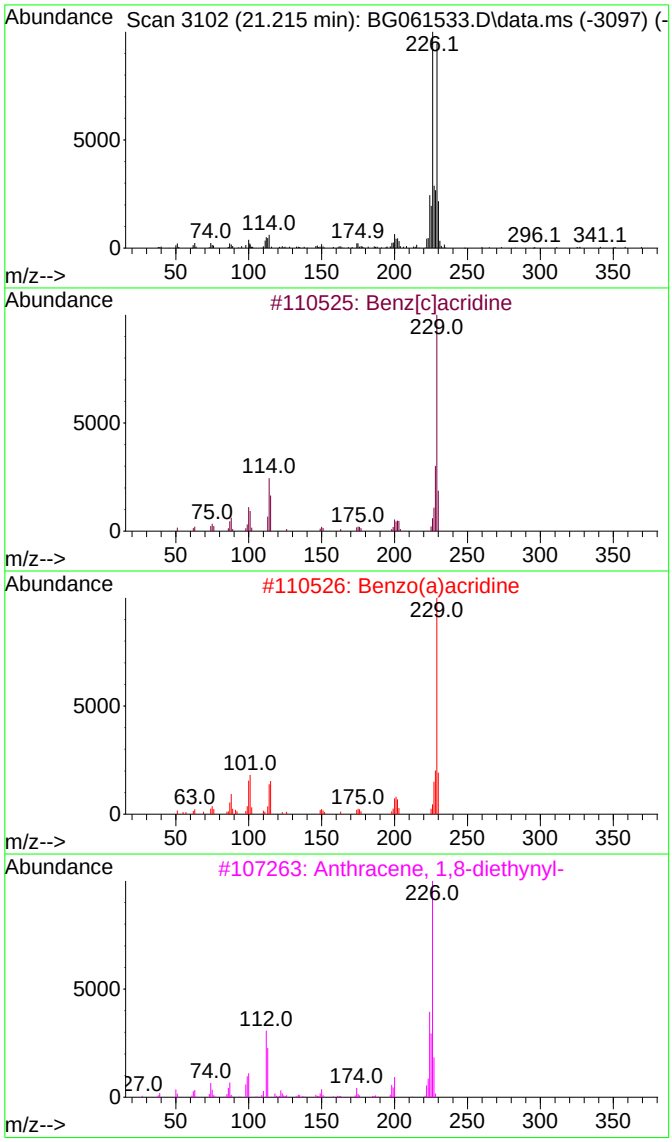
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

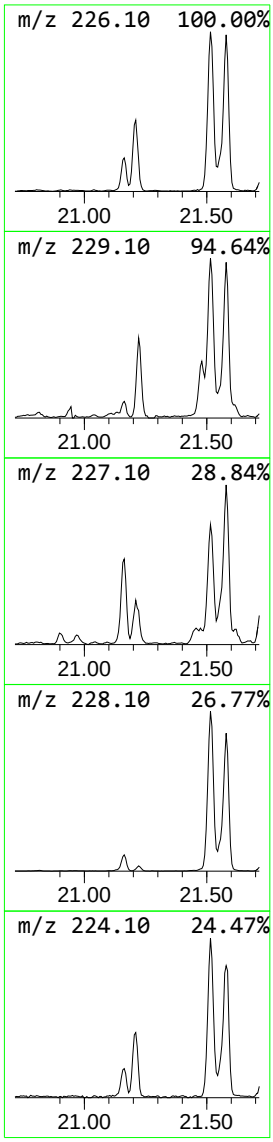
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benz[c]acridine Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.215	2.79 ng/ul	402061	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	50
2	Benzo(a)acridine	229	C17H11N	000225-11-6	38
3	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	38
4	Benzene, 1-bromo-4-isothiocyanat...	227	C8H6BrNS	071672-88-3	35
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	35





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Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

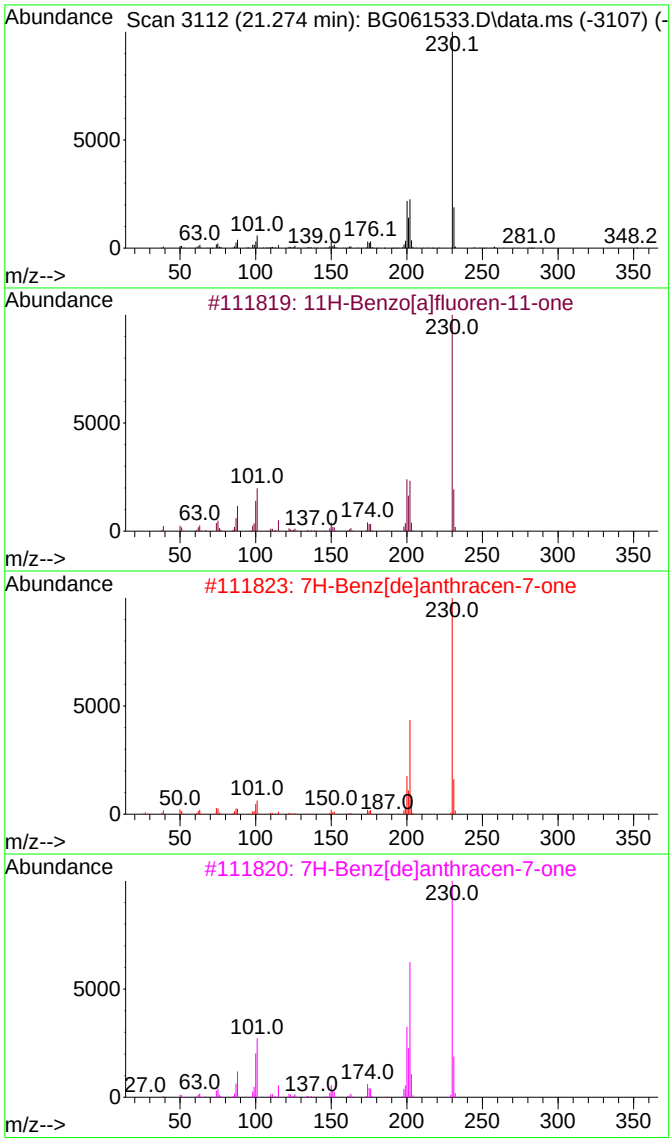
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

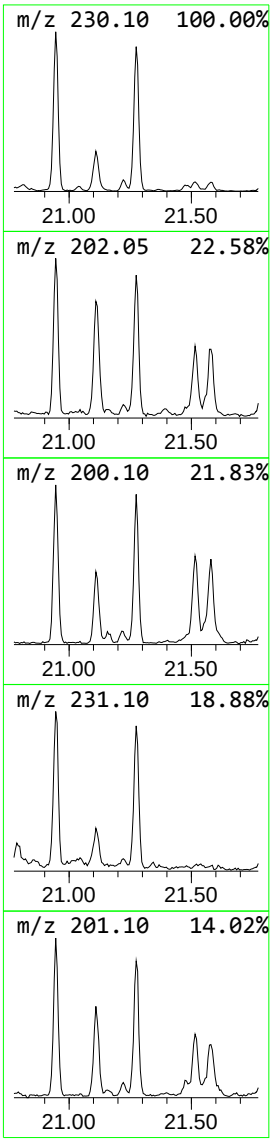
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 7H-Benz[de]anthracen-7-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	3.94 ng/ul	566437	Chrysene-d12	21.533

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	90
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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

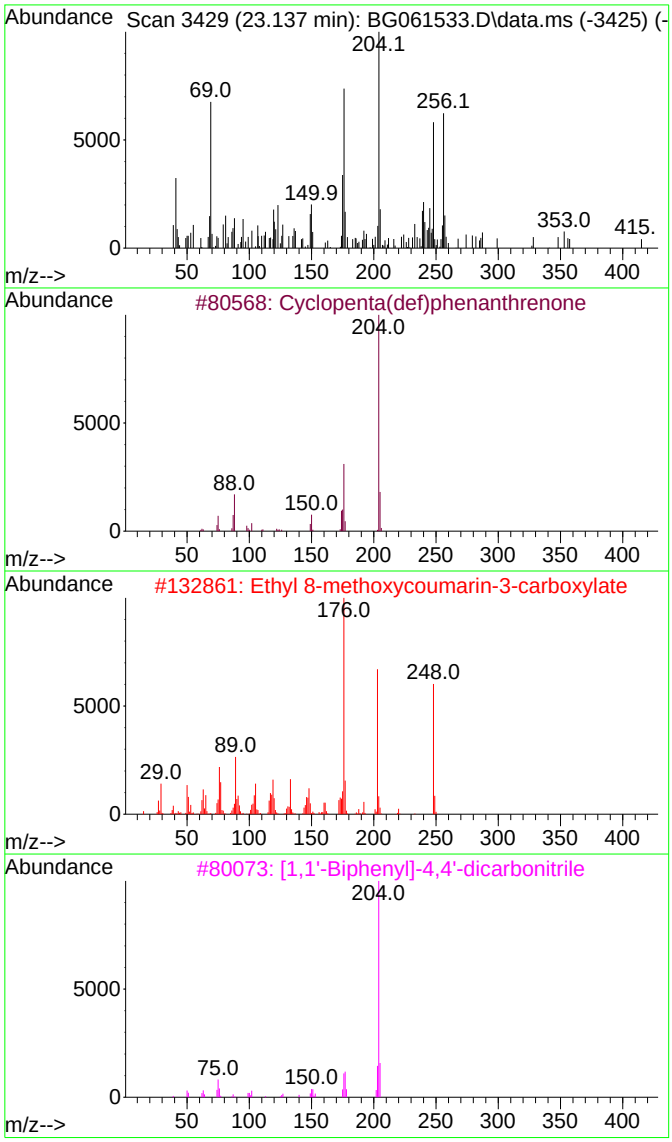
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

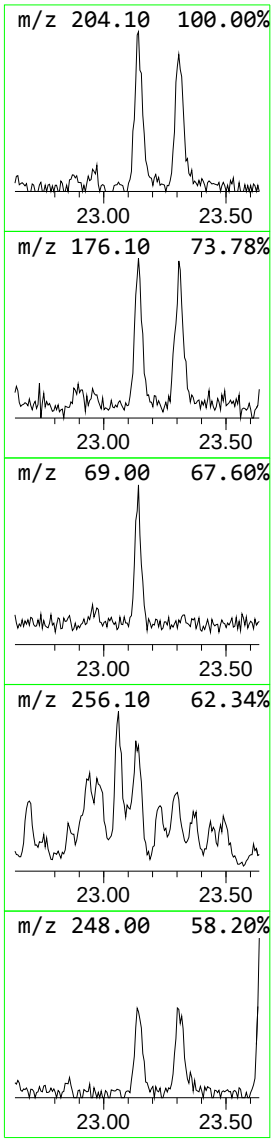
****

Peak Number 32 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.137	3.19 ng/ul	96846	Perylene-d12	24.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	45
2	Ethyl 8-methoxycoumarin-3-carbox...	248	C13H12O5	001729-02-8	30
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	30
4	5H-Cyclopenta[b]pyridine-3-carbo...	176	C9H8N2S	1000317-28-5	18
5	1H-isoindole-5-carboxylic acid, ...	235	C11H9NO5	1000401-09-2	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

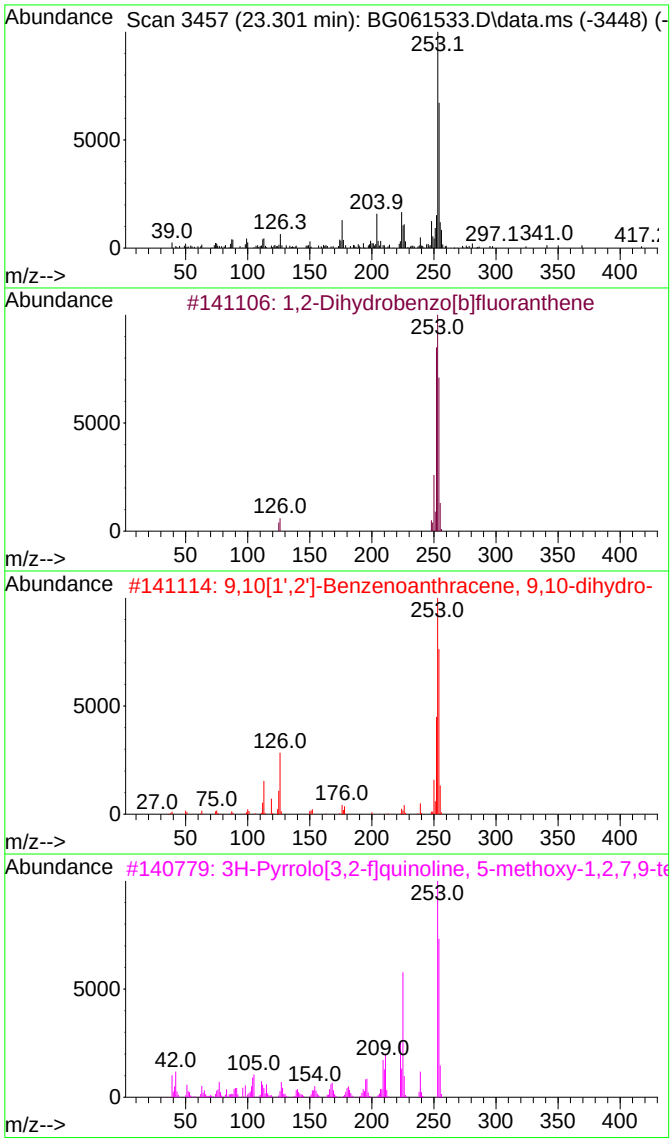
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

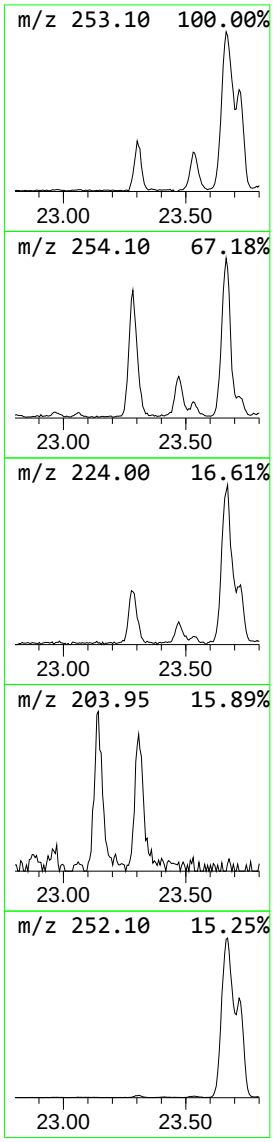
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,2-Dihydrobenzo[b]fluorant... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.301	10.97 ng/ul	332419	Perylene-d12	24.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	72
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	59
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	53
5	1,2-Dihydro-3-phenyl-2-thioxo-4(...	254	C14H10N2OS	018741-24-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

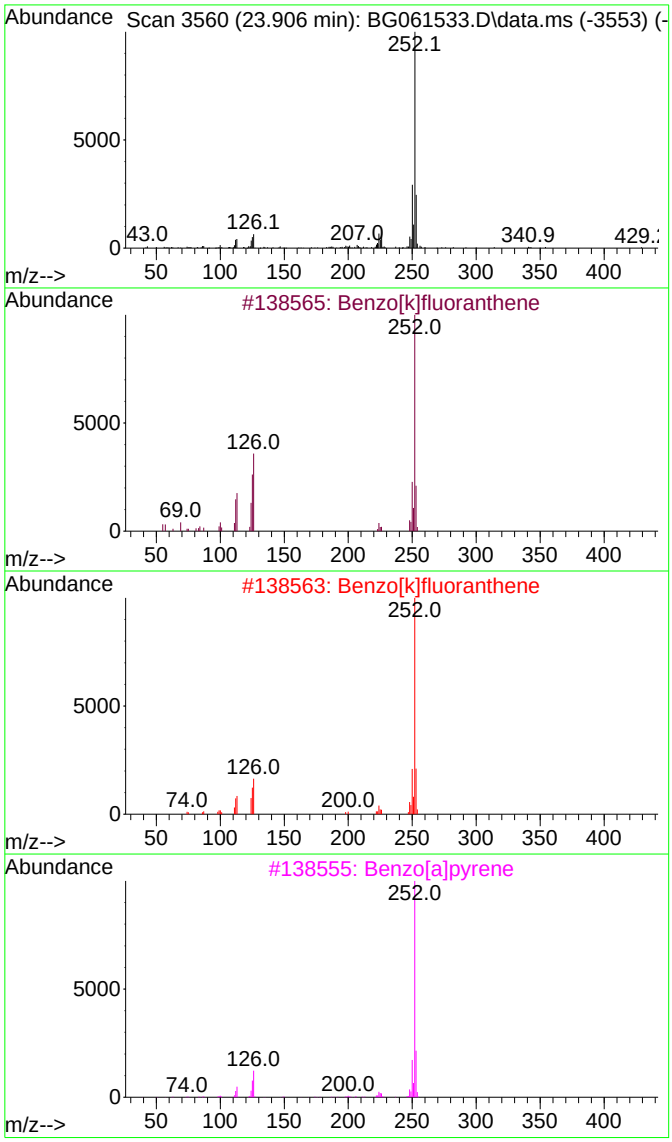
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

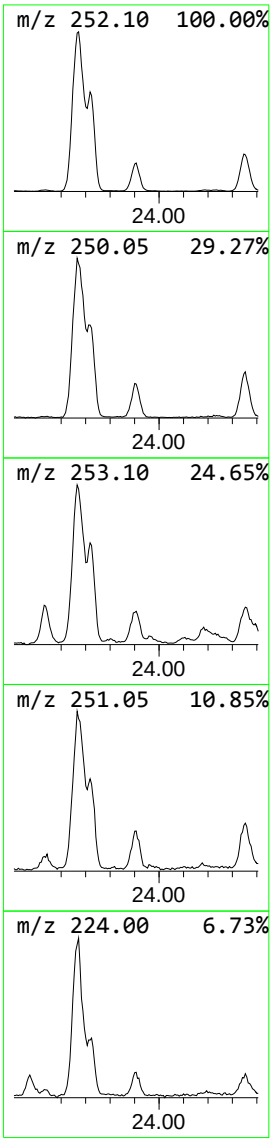
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.906	8.12 ng/ul	246228	Perylene-d12	24.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

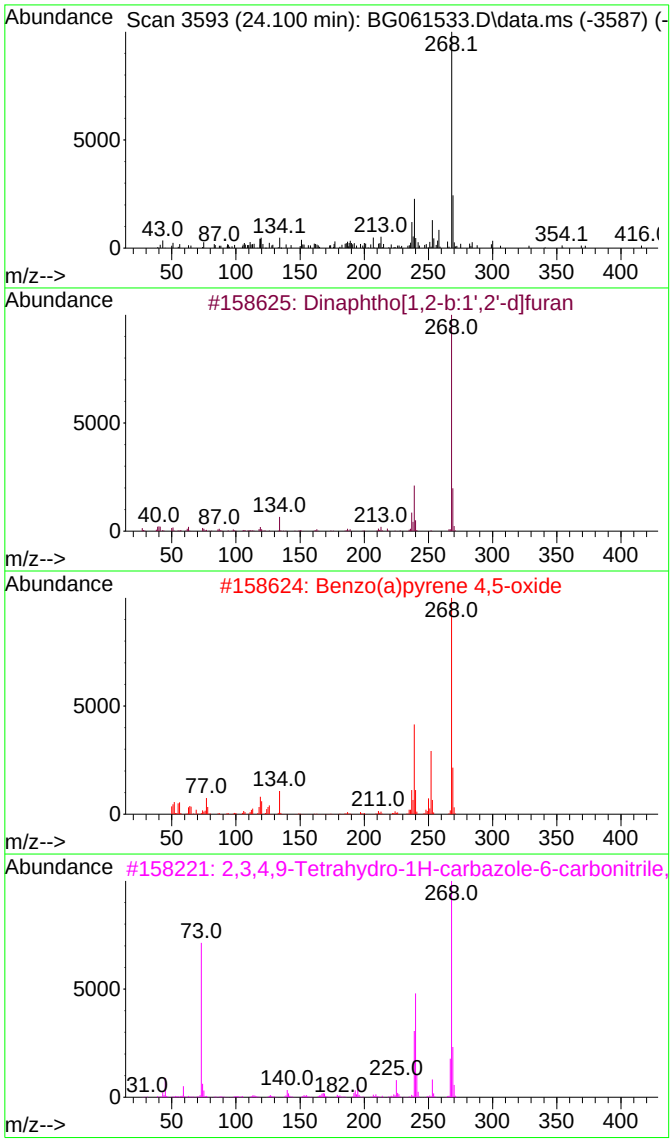
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

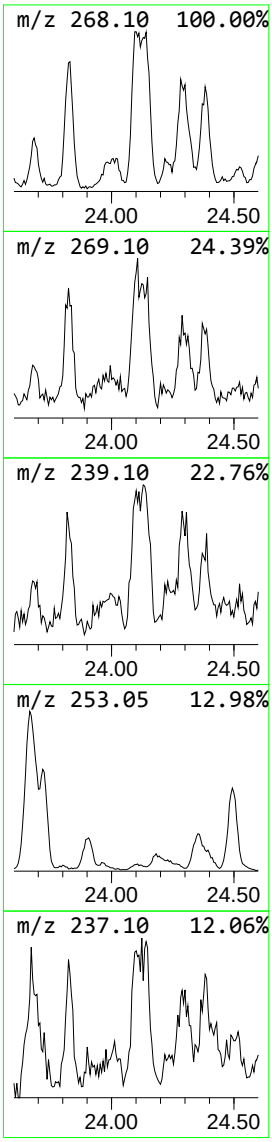
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.100	3.45 ng/ul	104733	Perylene-d12	24.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
3	2,3,4,9-Tetrahydro-1H-carbazole-...	268	C16H20N2Si	1000478-28-7	72
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

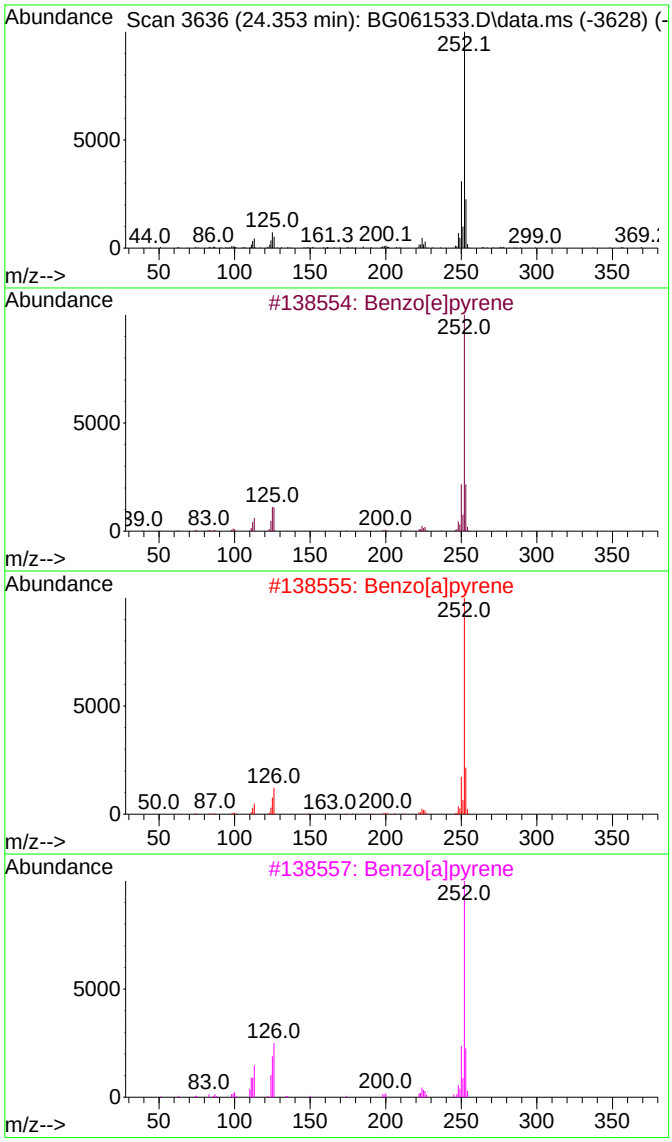
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

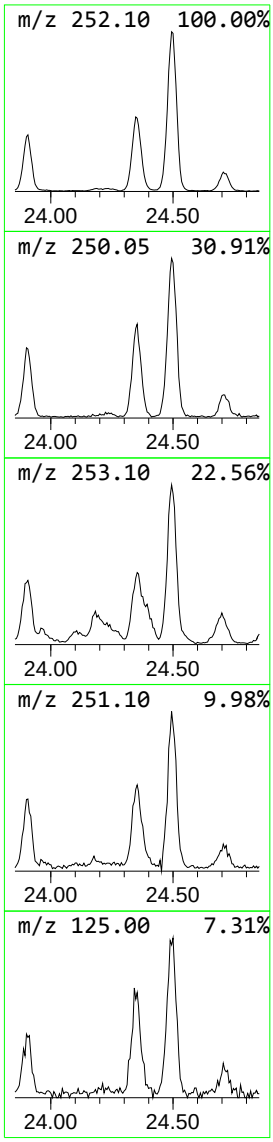
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.353	11.61 ng/ul	351862	Perylene-d12	24.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

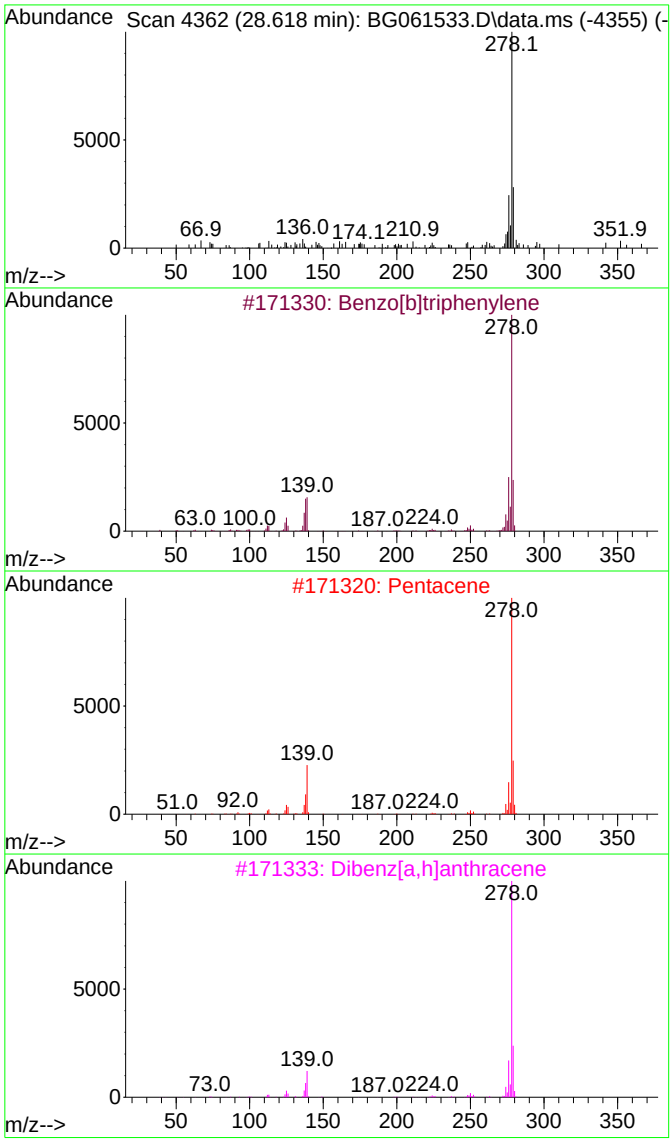
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

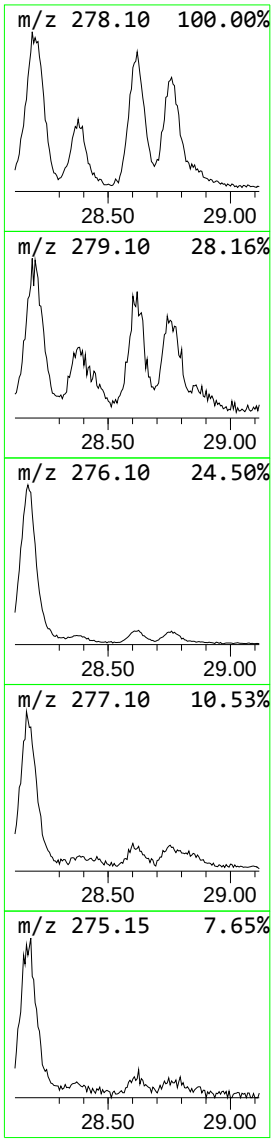
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.618	4.84 ng/ul	146858	Perylene-d12	24.641

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	76
2	Pentacene	278	C22H14	000135-48-8	68
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	64
5	Pentacene	278	C22H14	000135-48-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061533.D
Acq On : 7 Jun 2024 14:49
Operator : MA/JU
Sample : P2591-11ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBQ2ME

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...	3.066	165.3	ng/ul	1213630	1	7.872	146793	20.0
Dibenzofuran, 4...	15.857	3.5	ng/ul	57179	3	14.511	323879	20.0
2,4,6-Cycloheptt...	16.010	4.8	ng/ul	92828	4	17.267	384238	20.0
9H-Fluoren-9-one	16.926	11.9	ng/ul	228660	4	17.267	384238	20.0
Naphtho[2,1-b]t...	17.085	6.9	ng/ul	131863	4	17.267	384238	20.0
Anthrone	17.855	4.3	ng/ul	82126	4	17.267	384238	20.0
Anthracene, 9-m...	18.142	14.1	ng/ul	270844	4	17.267	384238	20.0
Phenanthrene, 1...	18.195	18.4	ng/ul	352693	4	17.267	384238	20.0
Phenanthrene, 2...	18.278	5.6	ng/ul	107281	4	17.267	384238	20.0
4H-Cyclopenta[d...	18.342	19.5	ng/ul	374729	4	17.267	384238	20.0
Anthracene, 2-m...	18.378	6.3	ng/ul	120067	4	17.267	384238	20.0
Naphthalene, 2-...	18.642	10.1	ng/ul	193365	4	17.267	384238	20.0
9,10-Anthracene...	18.695	10.4	ng/ul	199529	4	17.267	384238	20.0
1H-Indene, 2-me...	18.889	3.8	ng/ul	73352	4	17.267	384238	20.0
Phenanthrene, 3...	18.942	2.7	ng/ul	51109	4	17.267	384238	20.0
di-p-Tolylacety...	18.983	2.7	ng/ul	52033	4	17.267	384238	20.0
Phenanthrene, 2...	19.065	7.4	ng/ul	141943	4	17.267	384238	20.0
unknown-01	19.106	5.9	ng/ul	112599	4	17.267	384238	20.0
Cyclopenta(def)...	19.212	14.8	ng/ul	283745	4	17.267	384238	20.0
Pyrene, 1-methyl-	20.023	2.5	ng/ul	363409	5	21.533	2878860	20.0
11H-Benzo[a]flu...	20.945	3.9	ng/ul	567222	5	21.533	2878860	20.0
Benzo[b]naphtho...	21.116	3.2	ng/ul	459763	5	21.533	2878860	20.0
Benz[c]acridine	21.215	2.8	ng/ul	402061	5	21.533	2878860	20.0
7H-Benz[de]anth...	21.274	3.9	ng/ul	566437	5	21.533	2878860	20.0
unknown-02	23.137	3.2	ng/ul	96846	6	24.641	606278	20.0
1,2-Dihydrobenz...	23.301	11.0	ng/ul	332419	6	24.641	606278	20.0
unknown-03	23.906	8.1	ng/ul	246228	6	24.641	606278	20.0
Dinaphtho[1,2-b...	24.100	3.5	ng/ul	104733	6	24.641	606278	20.0
Benzo[e]pyrene	24.353	11.6	ng/ul	351862	6	24.641	606278	20.0
Benzo[b]triphen...	28.618	4.8	ng/ul	146858	6	24.641	606278	20.0