LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

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: BG061432.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.035	6	8	10	rBV2	13890	17547	0.55%	0.077%
2	3.076	10	15	38	rVB	1785511	3192340	100.00%	14.095%
3	3.746	124	129	139	rBV2	53548	94878	2.97%	0.419%
4	3.858	143	148	155	rVB2	13513	21532	0.67%	0.095%
5	4.304	220	224	229	rVB2	9544	13562	0.42%	0.060%
6	7.060	687	693	705	rVB	121548	217772	6.82%	0.962%
7	7.207	711	718	724	rBV	74708	121192	3.80%	0.535%
8	7.412	747	753	760	rBV	115426	190540	5.97%	0.841%
9	7.876	825	832	838	rBV	123494	203985	6.39%	0.901%
10	8.593	947	954	961	rBV	137455	230680	7.23%	1.019%
11	9.028	1019	1028	1036	rVB	114176	203237	6.37%	0.897%
12	9.751	1143	1151	1158	rBV3	99282	173609	5.44%	0.767%
13	10.303	1238	1245	1255	rBV	146642	259842	8.14%	1.147%
14	10.667	1298	1307	1314	rBV	160339	284180	8.90%	1.255%
15	10.808	1323	1331	1340	rVB	90850	166836	5.23%	0.737%
16	13.828	1839	1845	1851	rVB5	6997	12742	0.40%	0.056%
17	13.916	1851	1860	1866	rBV	288905	409172	12.82%	1.807%
18	14.204	1903	1909	1919	rBV	294973	471748	14.78%	2.083%
19	14.510	1951	1961	1968	rVV	278494	434426	13.61%	1.918%
20	14.574	1968	1972	1981	rVB3	11721	19486	0.61%	0.086%
21	14.698	1989	1993	1997	rBV2	23301	30728	0.96%	0.136%
22	14.757	1997	2003	2016	rVV	74102	149191	4.67%	0.659%
23	14.909	2025	2029	2036	rVB3	11687	21059	0.66%	0.093%
24	15.503	2123	2130	2136	rBV	396552	605564	18.97%	2.674%
25	15.556	2136	2139	2144	rVB4	13348	18816	0.59%	0.083%
26	15.644	2149	2154	2166	rBV2	108079	189821	5.95%	0.838%
27	15.849	2184	2189	2198	rVB3	8835	17728	0.56%	0.078%
28	16.002	2207	2215	2221	rBV4	8080	16730	0.52%	0.074%
29	16.231	2249	2254	2260	rBV5	11566	27338	0.86%	0.121%
30	16.566	2308	2311	2317	rVV5	7722	13604	0.43%	0.060%
31	16.678	2324	2330	2334	rBV5	7638	12585	0.39%	0.056%
32	16.913	2366	2370	2379	rVB	25247	37522	1.18%	0.166%
33	17.013	2379	2387	2393	rBV9	15910	36793	1.15%	0.162%
34	17.077	2393	2398	2402	rVB	15995	22308	0.70%	0.098%
35	17.259	2422	2429	2433	rBV	381761	579724	18.16%	2.560%
36	17.301	2433	2436	2441	rVB	293853	398934	12.50%	1.761%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6C3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	17.359	2441	2446	2451	rBV2	453879	667716	20.92%	2.948%
38	17.448	2457	2461	2468	rBV5	12653	21809	0.68%	0.096%
39	17.577	2479	2483	2489	rVB6	7366	13291	0.42%	0.059%
40	17.665	2489	2498	2503	rBV2	32669	71175	2.23%	0.314%
41	17.841	2524	2528	2531	rBV4	16582	21899	0.69%	0.097%
42	18.059	2561	2565	2569	rVB5	10392	17027	0.53%	0.075%
43	18.141	2571	2579	2580	rBV	67173	104477	3.27%	0.461%
44	18.182	2584	2586	2591	rVB	97119	131993	4.13%	0.583%
45	18.270	2596	2601	2605	rVV3	22999	40341	1.26%	0.178%
46	18.329	2605	2611	2615	rVV2	83750	168682	5.28%	0.745%
47	18.370	2615	2618	2623	rVB	53712	78050	2.44%	0.345%
48	18.452	2628	2632	2635	rBV6	12165	17824	0.56%	0.079%
49	18.540	2643	2647	2649	rBV4	10447	13249	0.42%	0.058%
50	18.634	2660	2663	2667	rBV	47899	64791	2.03%	0.286%
51	18.681	2667	2671	2677	rVB	77072	110082	3.45%	0.486%
52	18.764	2681	2685	2688	rBV4	8317	14085	0.44%	0.062%
53	18.881	2702	2705	2709	rVV3	26515	39037	1.22%	0.172%
54	18.934	2711	2714	2718	rVV	27067	36649	1.15%	0.162%
55	18.975	2718	2721	2725	rVB4	21358	25868	0.81%	0.114%
56	19.057	2730	2735	2741	rBV3	66445	139174	4.36%	0.614%
57	19.146	2748	2750	2755	rVB	19163	23371	0.73%	0.103%
58	19.198	2755	2759	2767	rBV3	56033	106945	3.35%	0.472%
59	19.322	2772	2780	2786	rBV	728623	1016422	31.84%	4.488%
60	19.381	2786	2790	2793	rBV	20606	25542	0.80%	0.113%
61	19.422	2793	2797	2798	rBV4	21042	26618	0.83%	0.118%
62	19.522	2810	2814	2818	rBV4	22221	34149	1.07%	0.151%
63	19.563	2818	2821	2824	rVV	22430	27271	0.85%	0.120%
64	19.657	2831	2837	2839	rBV2	692539	1053710	33.01%	4.652%
65	19.686	2839	2842	2849	rVB	657996	887901	27.81%	3.920%
66	19.757	2850	2854	2857	rBV3	43611	70481	2.21%	0.311%
67	19.786	2857	2859	2865	rVB2	36693	35653	1.12%	0.157%
68	19.856	2868	2871	2878	rVB2	35892	61740	1.93%	0.273%
69	19.921	2878	2882	2887	rVB4	45519	69434	2.18%	0.307%
70	20.009	2891	2897	2904	rBV4	62950	175530	5.50%	0.775%
71	20.091	2908	2911	2914	rBV5	14101	17033	0.53%	0.075%
72	20.138	2914	2919	2921	rBV4	50037	84308	2.64%	0.372%
73	20.174	2922	2925	2935	rVB2	101204	172993	5.42%	0.764%
74	20.279	2939	2943	2946	rBV	50647	72801	2.28%	0.321%
75	20.338	2948	2953	2957	rVB2	80244	128152	4.01%	0.566%
76	20.473	2972	2976	2980	rBV	57612	85944	2.69%	0.379%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH6C3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	20.520	2980	2984	2988	rVV	56166	80566	2.52%	0.356%
78	20.644	3000	3005	3009	rBV	388883	439874	13.78%	1.942%
79	20.685	3009	3012	3016	rVB3	31790	33338	1.04%	0.147%
80	20.732	3016	3020	3023	rBV2	85223	108928	3.41%	0.481%
81	20.932	3050	3054	3061	rVB2	115083	163941	5.14%	0.724%
82	21.108	3078	3084	3087	rBV2	69374	134258	4.21%	0.593%
83	21.149	3088	3091	3093	rBV	42052	55172	1.73%	0.244%
84	21.178	3093	3096	3097	rBV	40981	42306	1.33%	0.187%
85	21.255	3105	3109	3116	rVB	98615	181001	5.67%	0.799%
86	21.408	3131	3135	3139	rVB	145063	191174	5.99%	0.844%
87	21.513	3145	3153	3158	rBV3	562123	1339685	41.97%	5.915%
88	21.560	3158	3161	3174	rVB	375458	586110	18.36%	2.588%
89	21.707	3182	3186	3191	rBV3	52249	89852	2.81%	0.397%
90	21.913	3217	3221	3226	rVB3	39585	71180	2.23%	0.314%
91	22.289	3281	3285	3292	rBV4	70907	138083	4.33%	0.610%
92	22.489	3315	3319	3322	rBV4	36320	59182	1.85%	0.261%
93	22.923	3388	3393	3404	rVB4	91546	219237	6.87%	0.968%
94	23.629	3506	3513	3521	rBV	259002	825313	25.85%	3.644%
95	24.322	3624	3631	3636	rBV	136230	357945	11.21%	1.580%
96	24.398	3637	3644	3649	rVV2	334917	874991	27.41%	3.863%
97	24.463	3650	3655	3665	rVB	214434	541182	16.95%	2.389%
98	24.604	3671	3679	3687	rBV	290453	780178	24.44%	3.445%
99	25.679	3855	3862	3871	rVB2	98442	263983	8.27%	1.166%
100	28.106	4267	4275	4277	rBV6	75201	180125	5.64%	0.795%

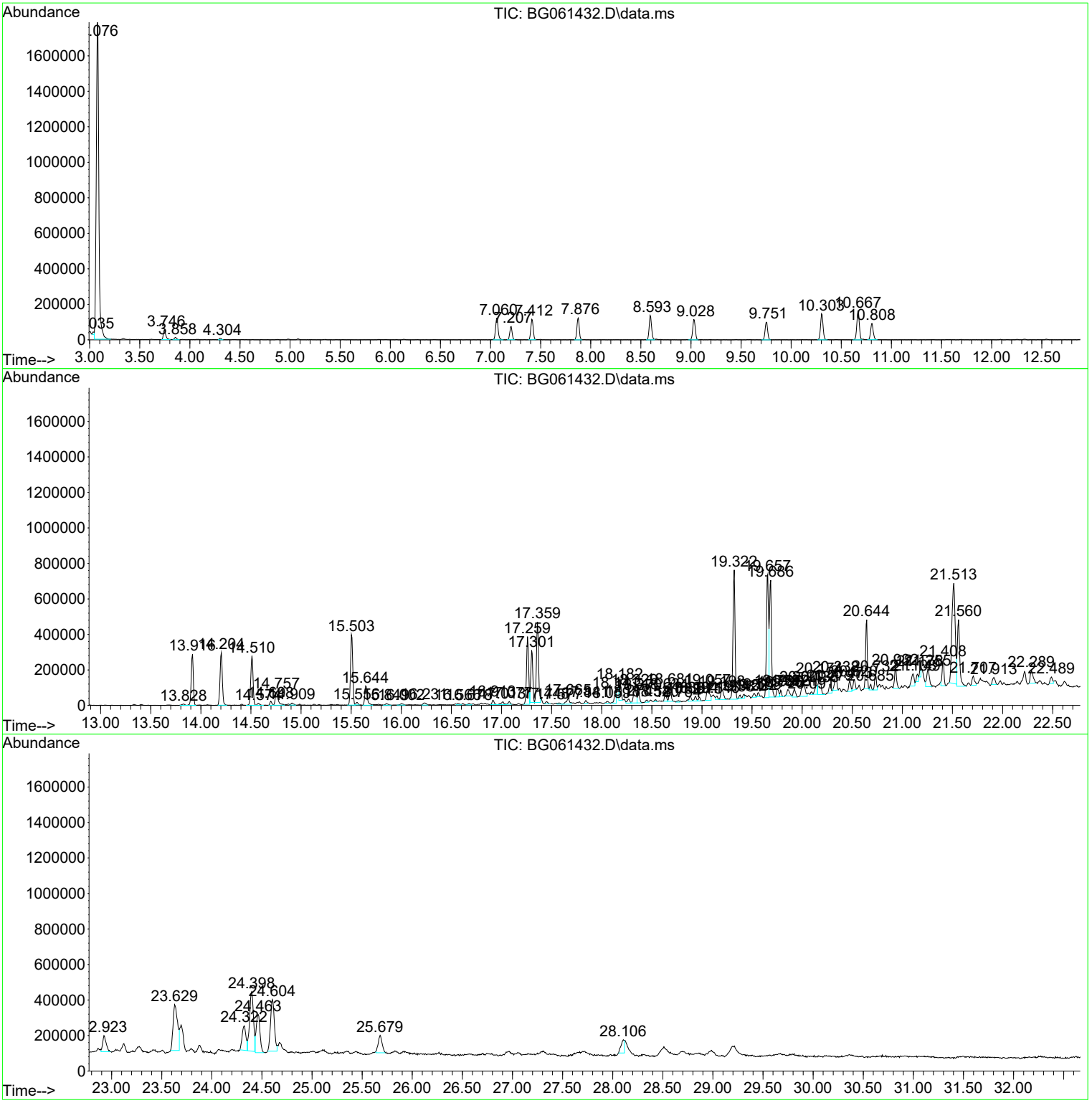
Sum of corrected areas: 22648572

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

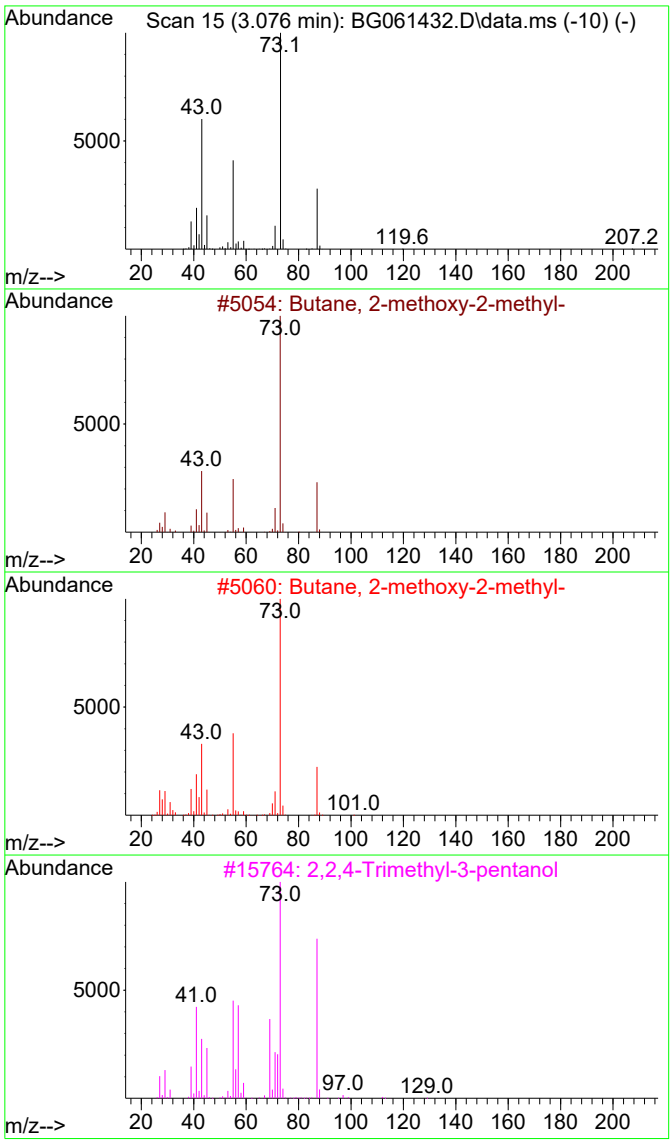
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

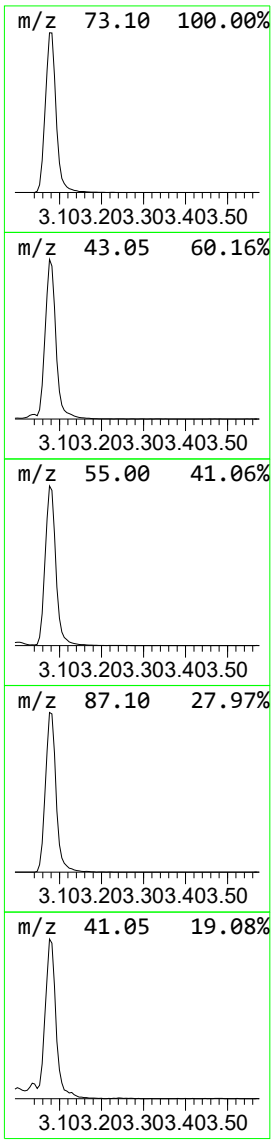
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	313.00 ng/ul	3192340	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

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

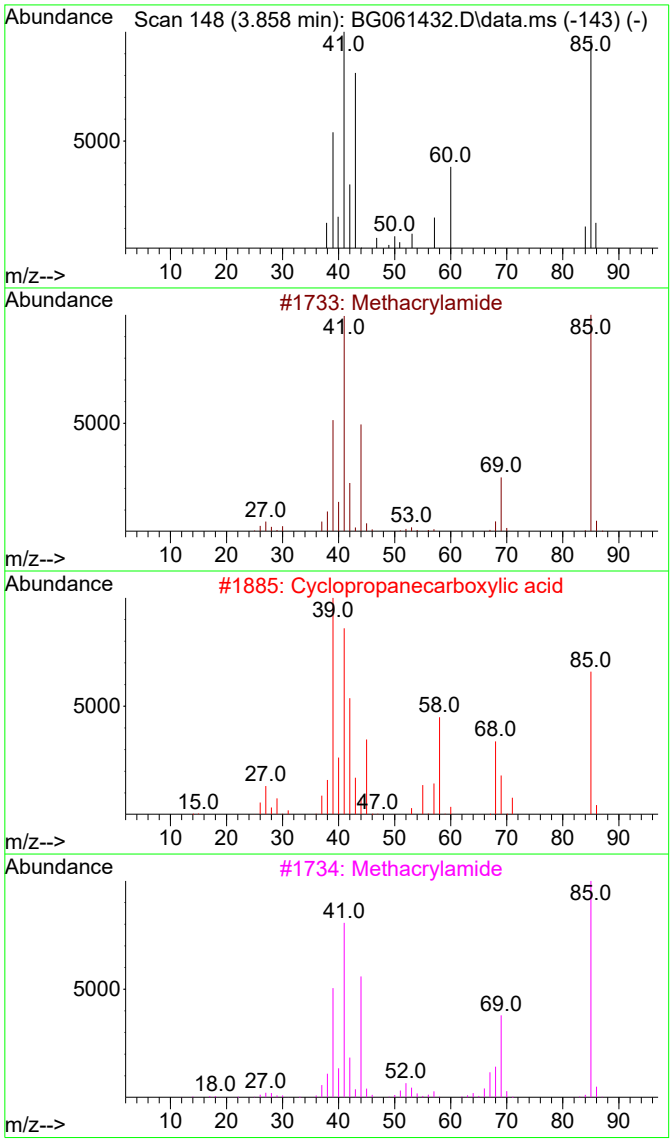
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

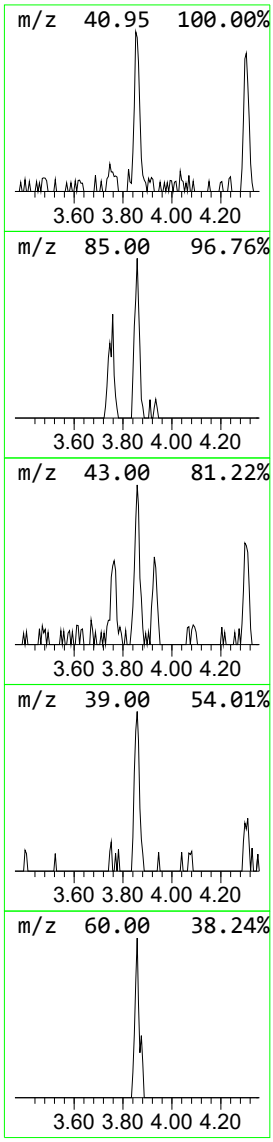
****

Peak Number 2 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.858	2.11 ng/ul	21532	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	47
2	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	47
3	Methacrylamide	85	C4H7NO	000079-39-0	43
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5	trans-Crotonamide	85	C4H7NO	000625-37-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

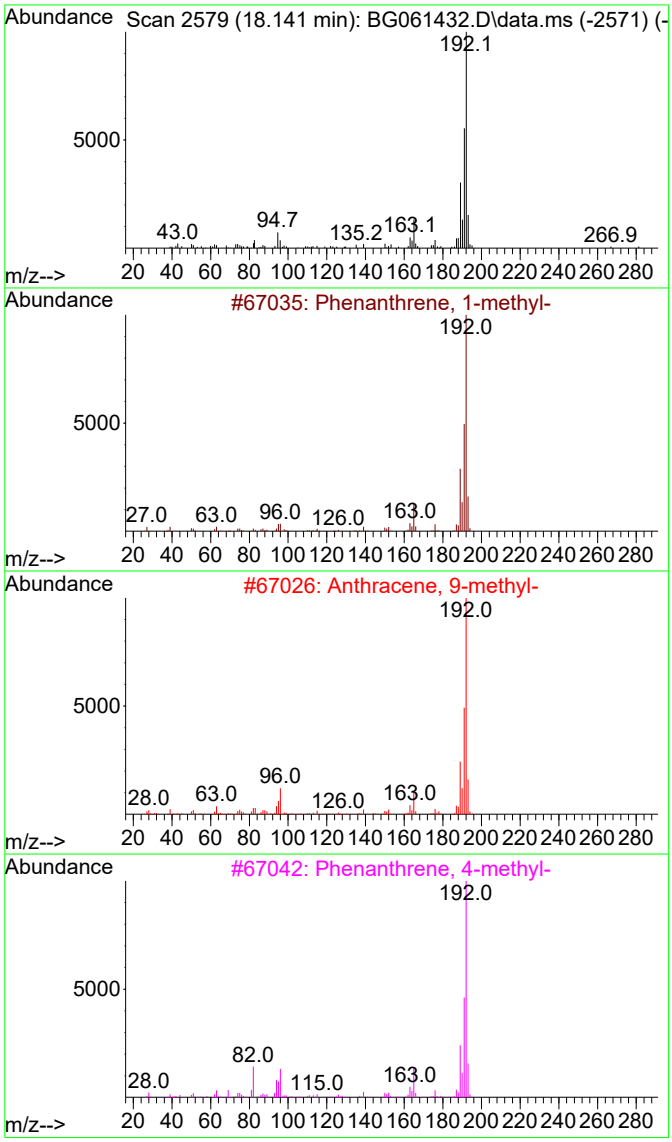
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

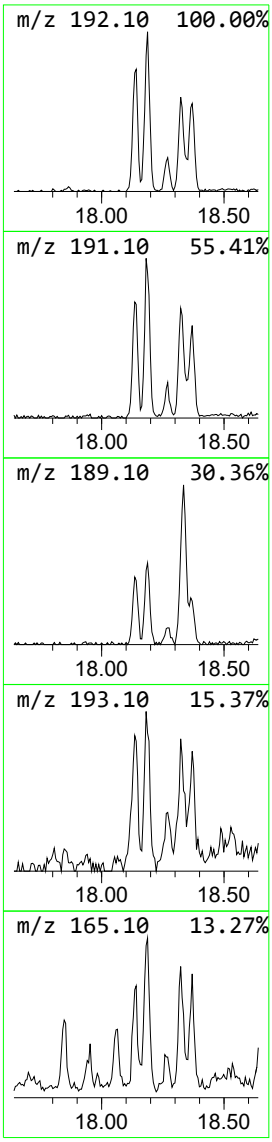
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	3.60 ng/ul	104477	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

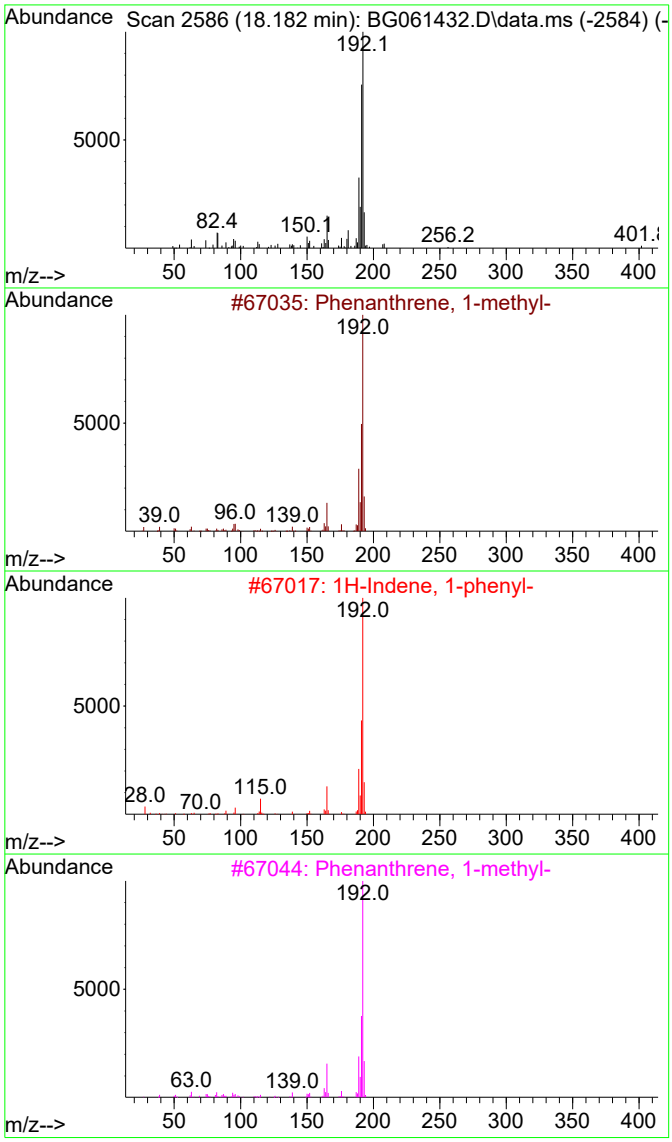
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

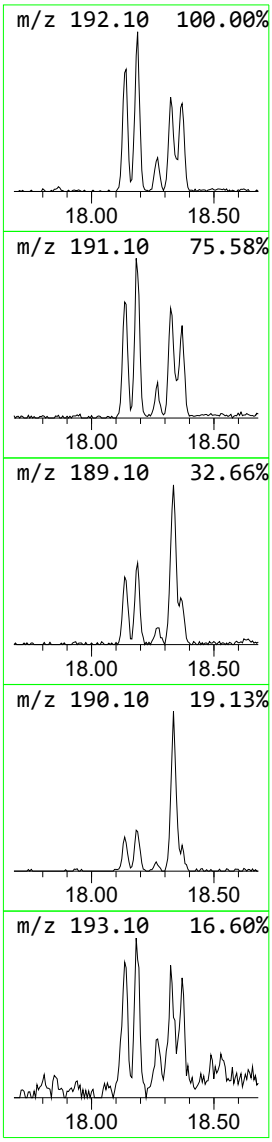
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	4.55 ng/ul	131993	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

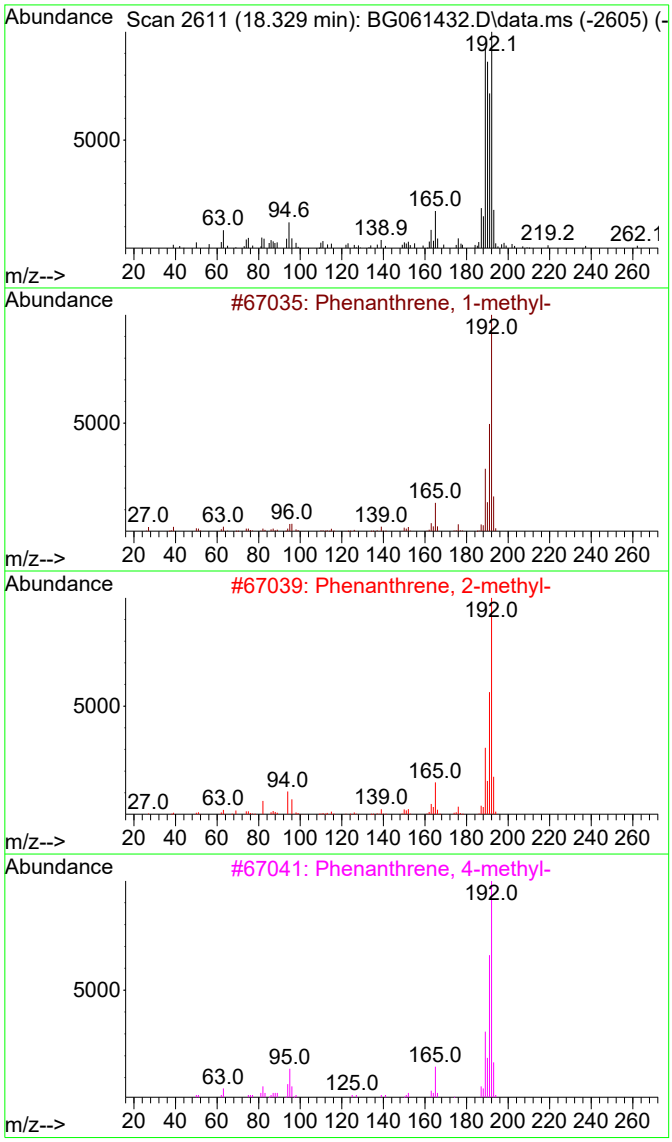
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

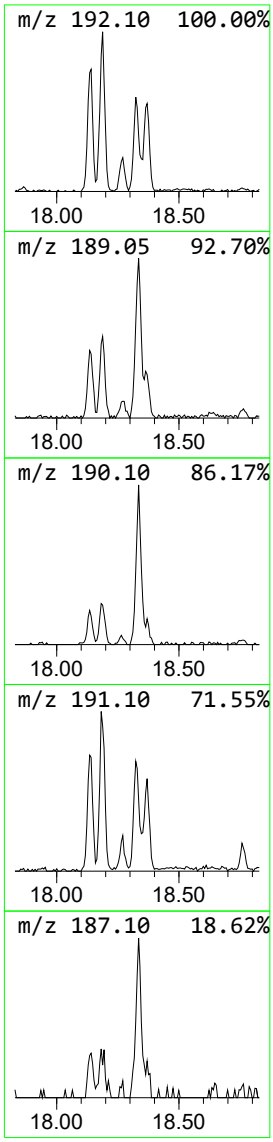
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	5.82 ng/ul	168682	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	48
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





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Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

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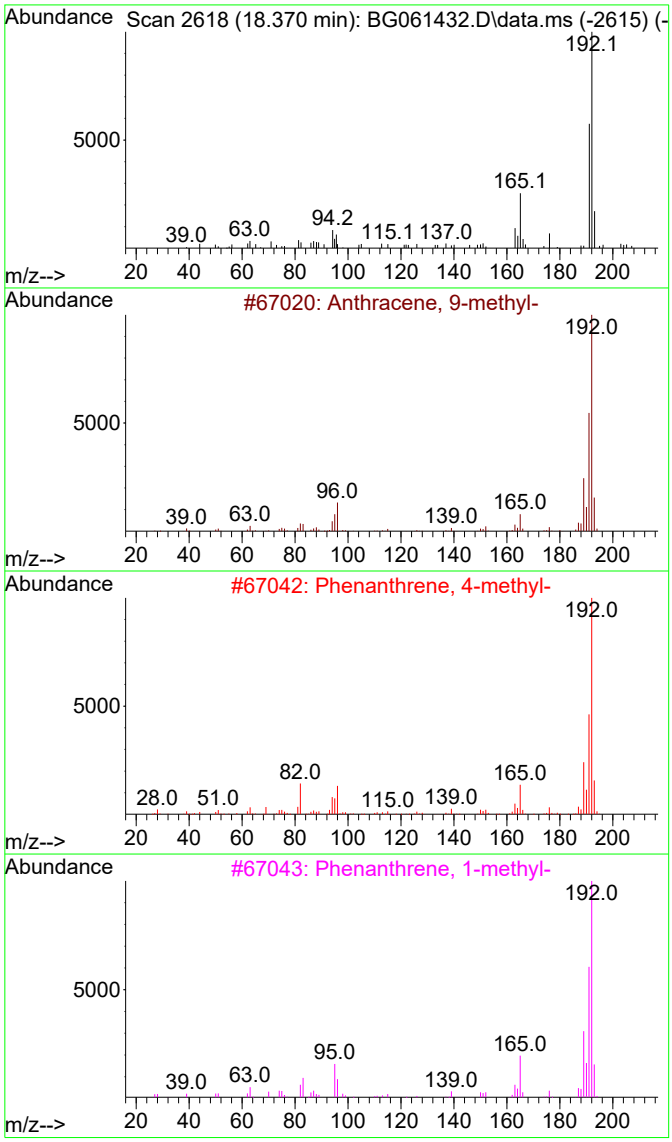
Quant Title : SVOA CALIBRATION

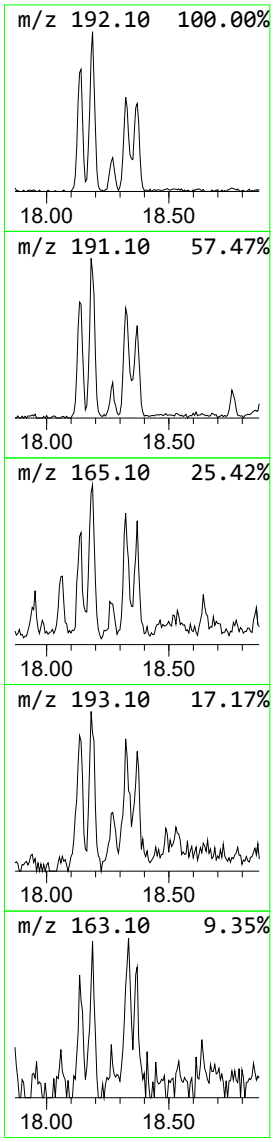
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.370	2.69 ng/ul	78050	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH6C3

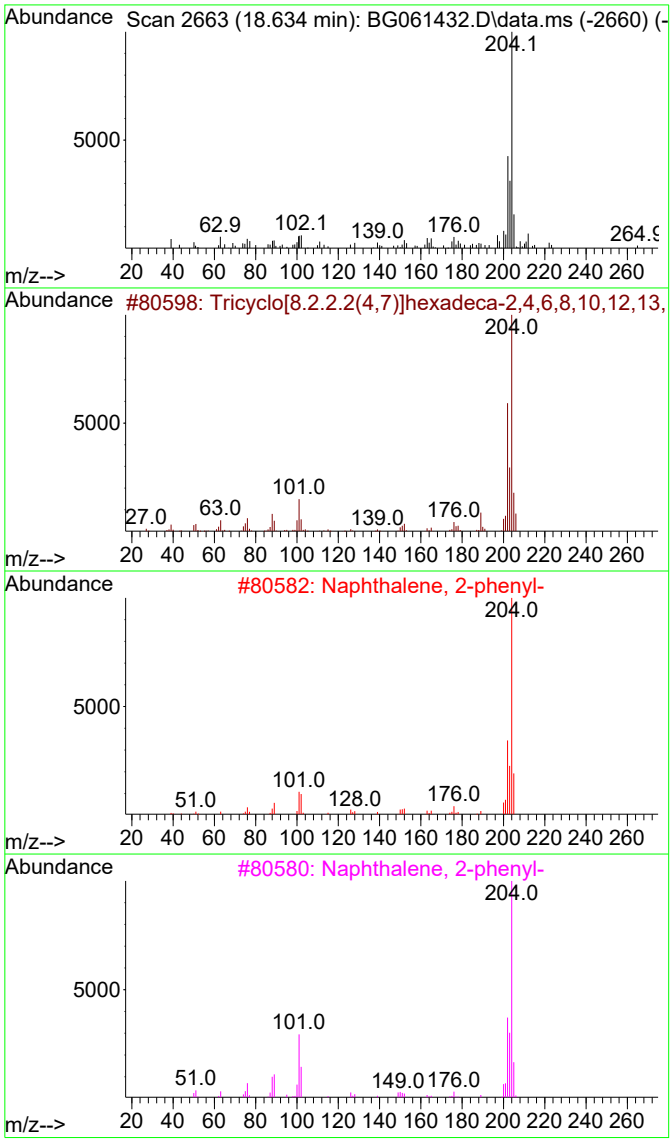
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

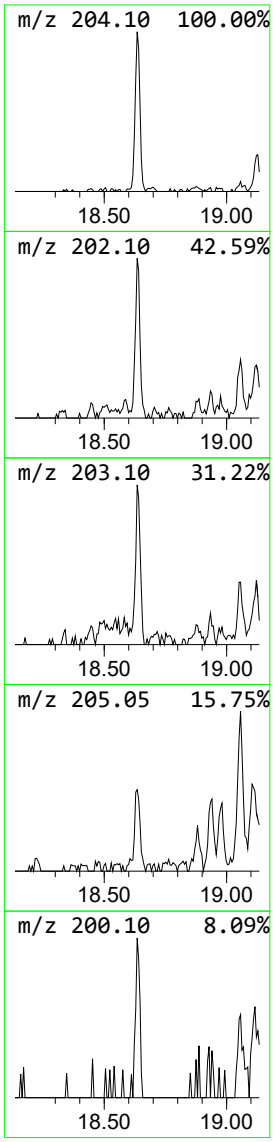
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	2.24 ng/ul	64791	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

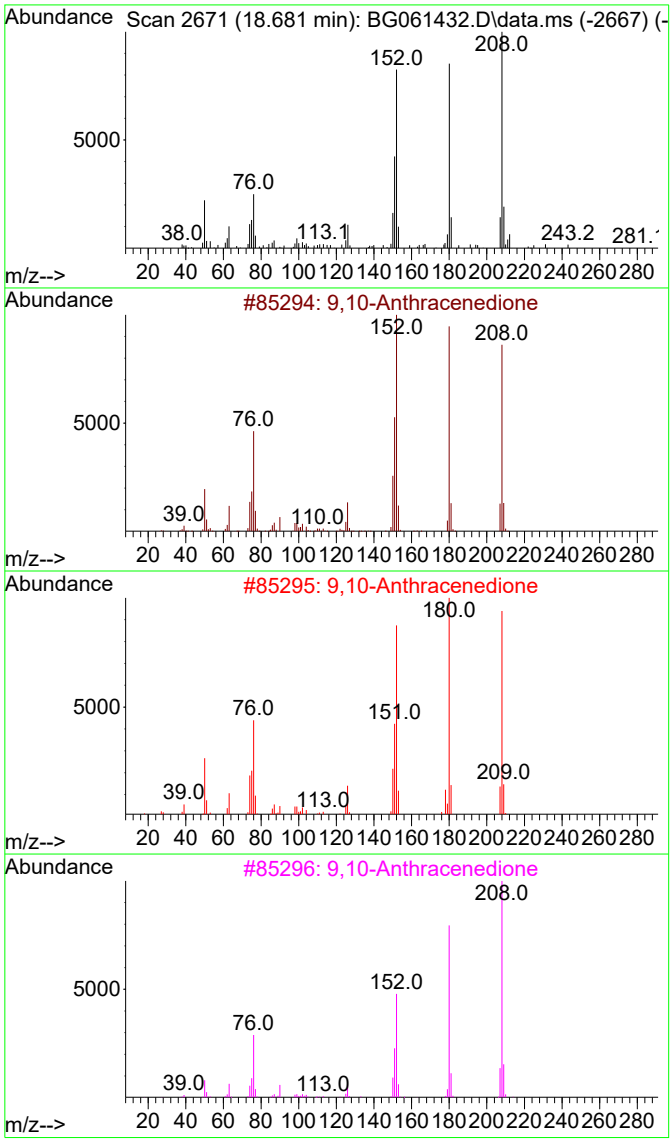
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

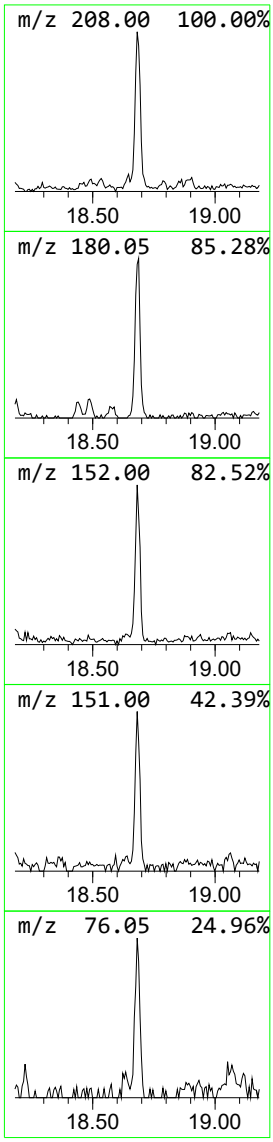
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	3.80 ng/ul	110082	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83





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Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

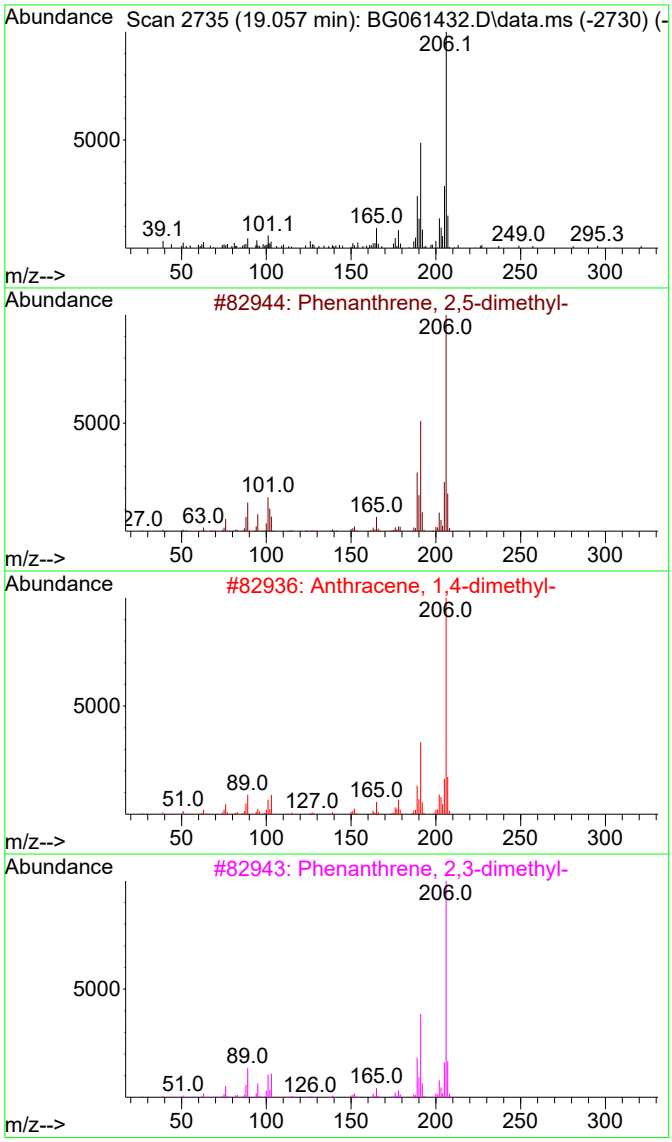
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

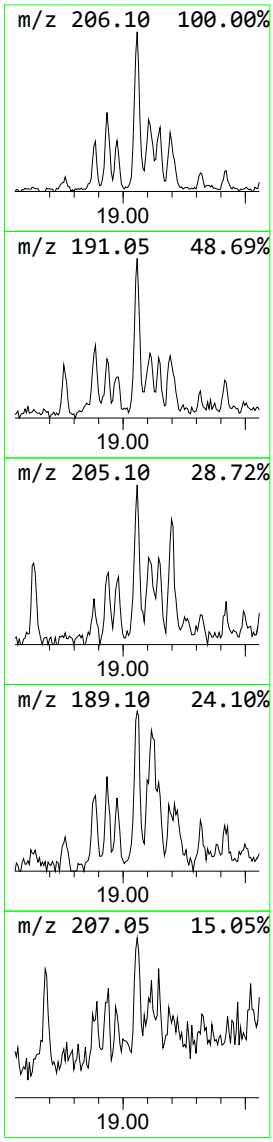
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	4.80 ng/ul	139174	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

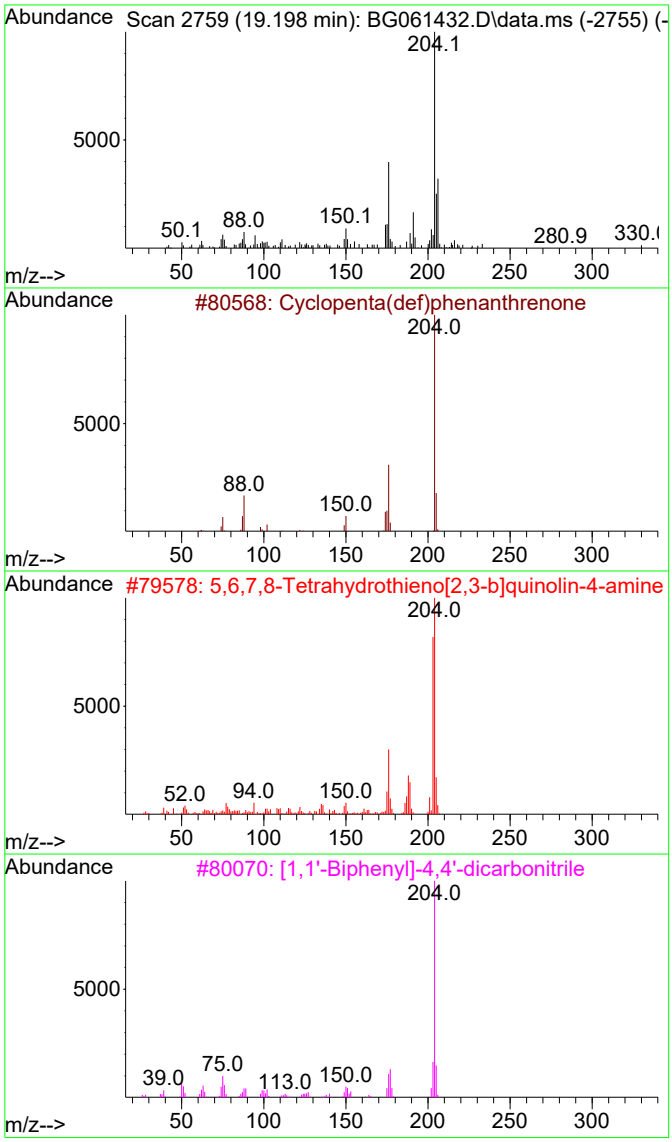
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

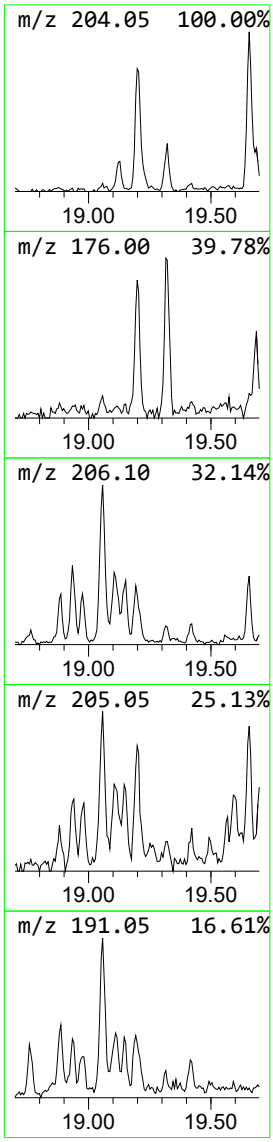
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	3.69 ng/ul	106945	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	2.62 ng/ul	175530	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
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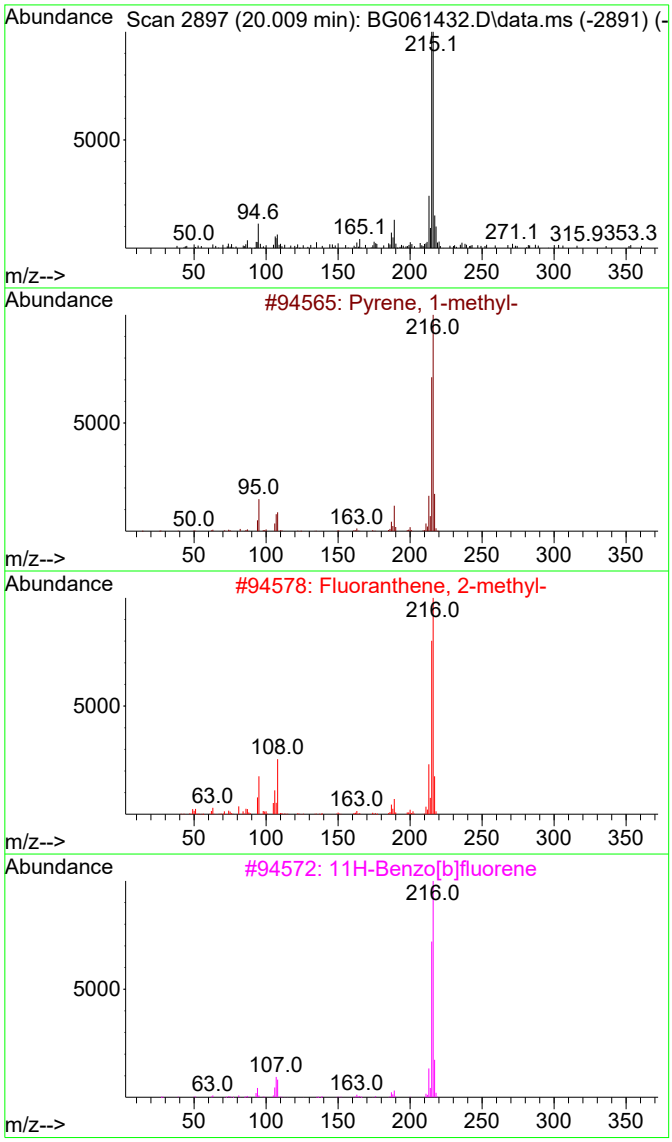

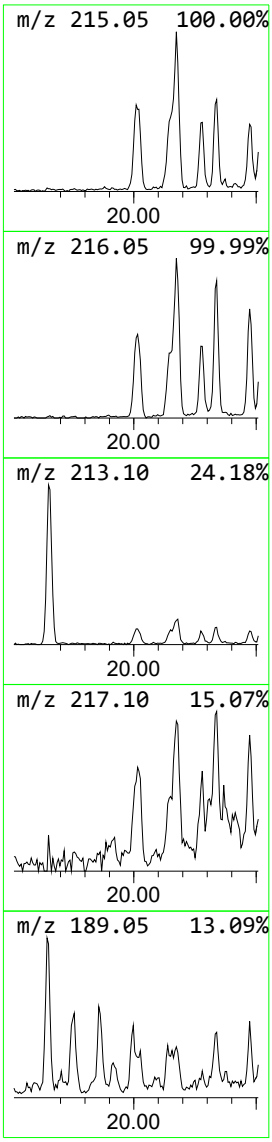

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Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

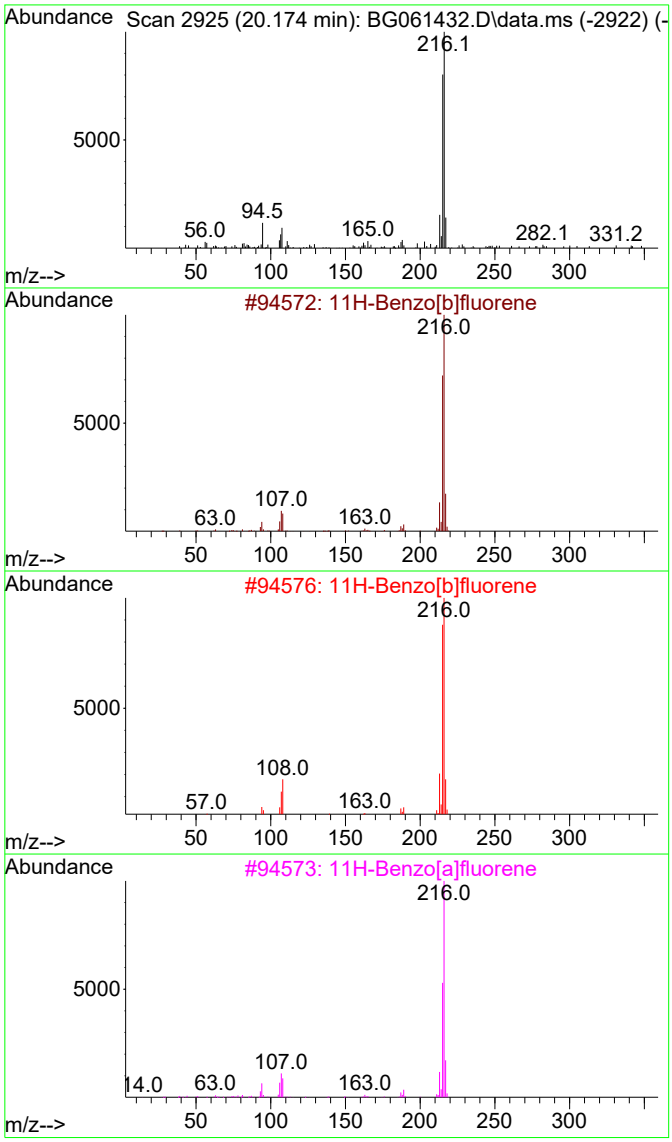
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

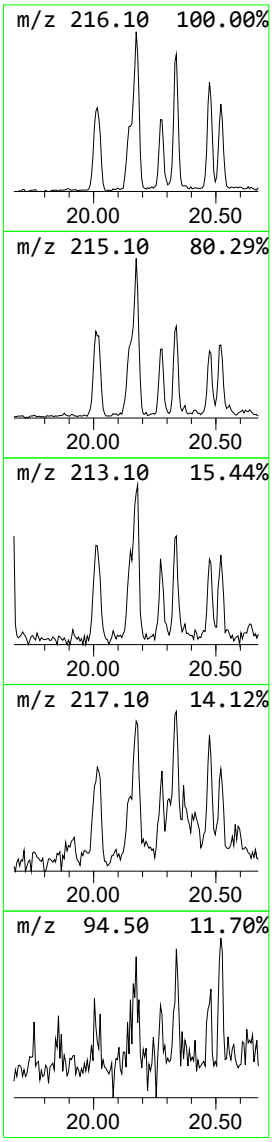
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.58 ng/ul	172993	Chrysene-d12	21.513

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	72
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	59
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH6C3

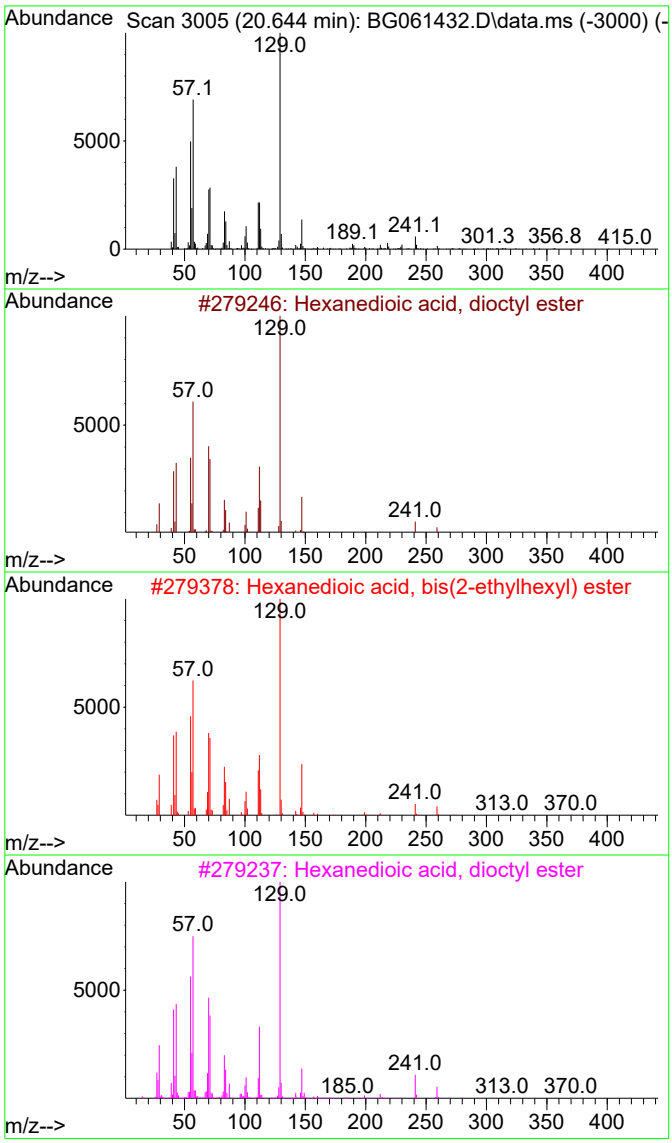
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

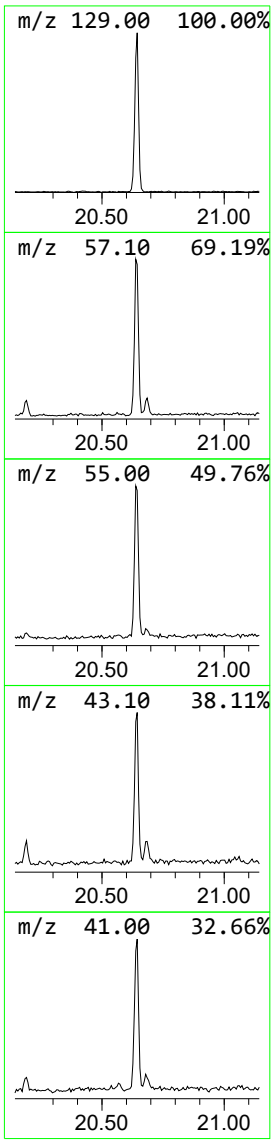
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexanedioic acid, dioctyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.644	6.57 ng/ul	439874	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	80
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	62
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58
4	Succinic acid, ethyl 4-methylhep...	258	C14H26O4	1010381-34-9	53
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	52





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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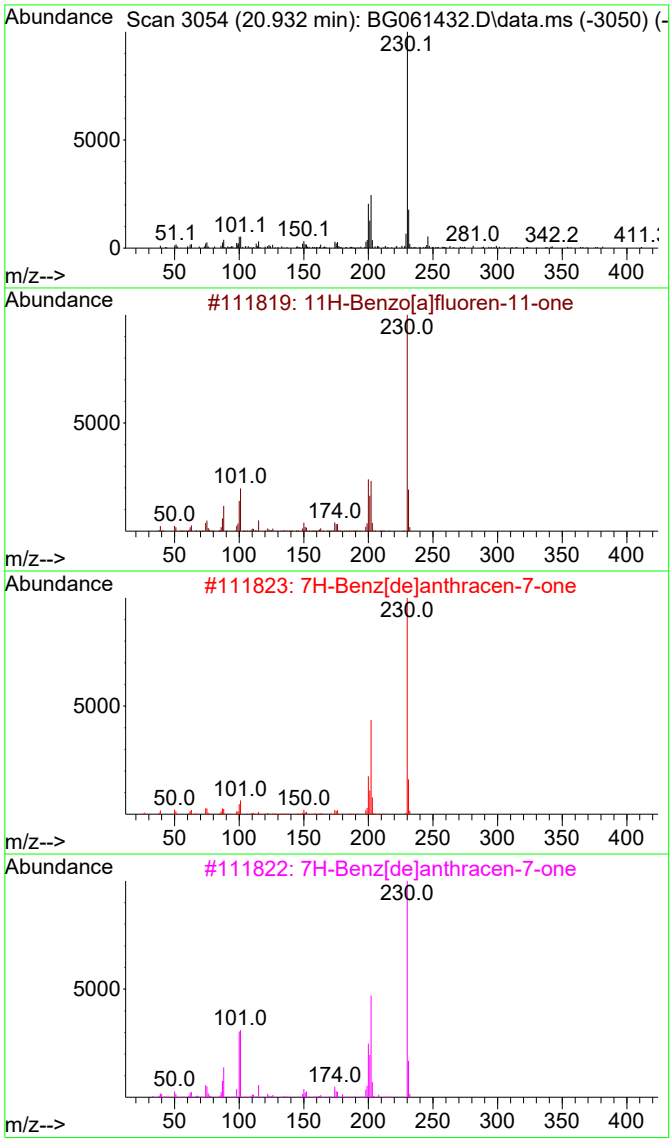
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

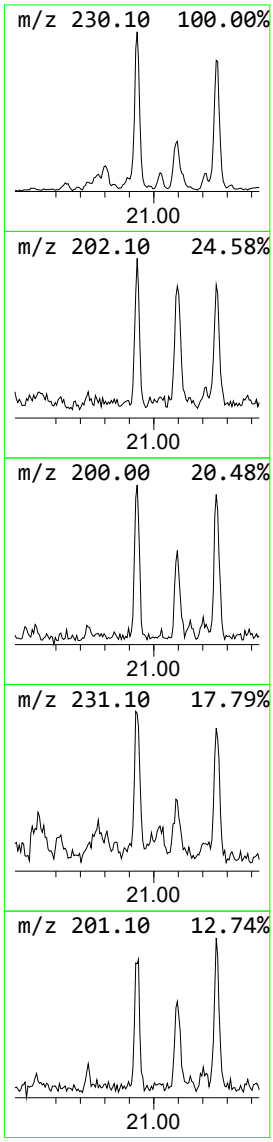
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.932	2.45 ng/ul	163941	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
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	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

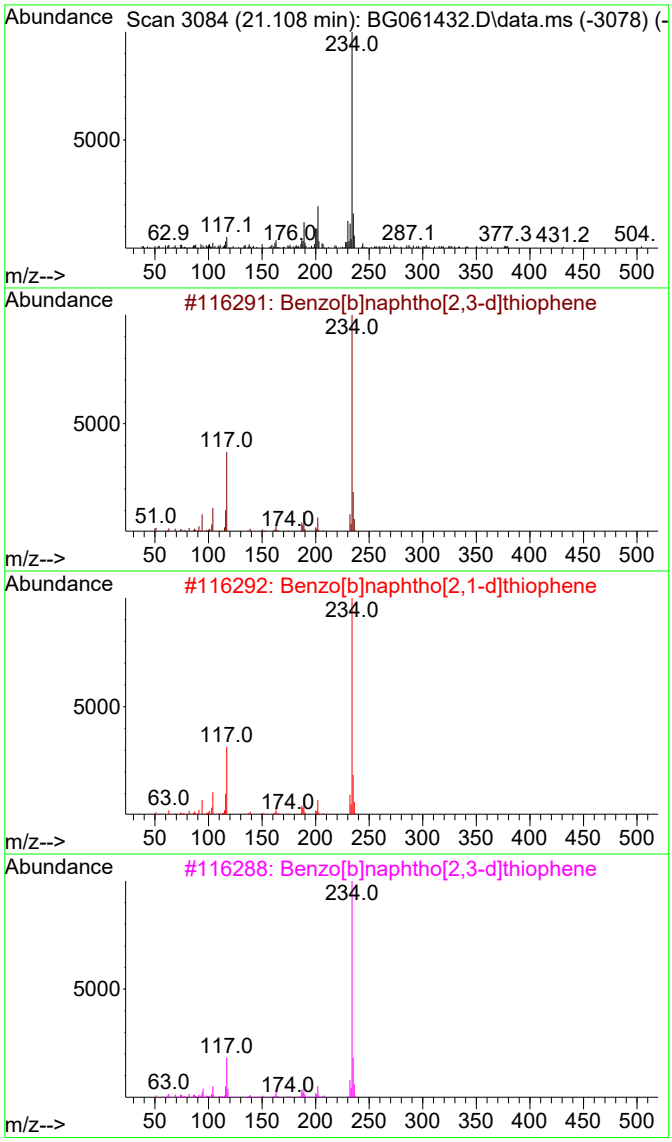
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

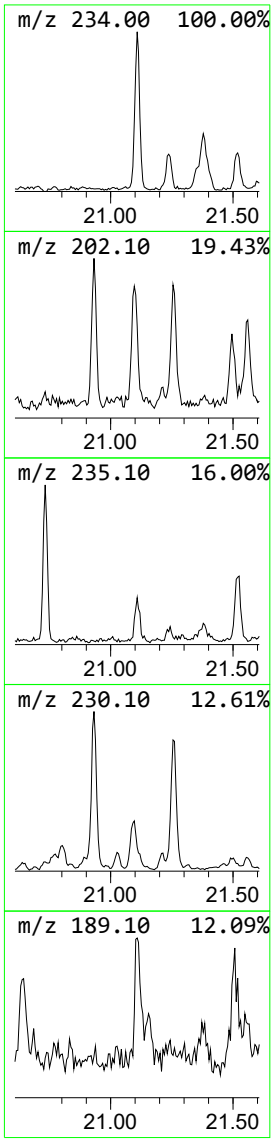
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.108	2.00 ng/ul	134258	Chrysene-d12	21.513

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	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	68
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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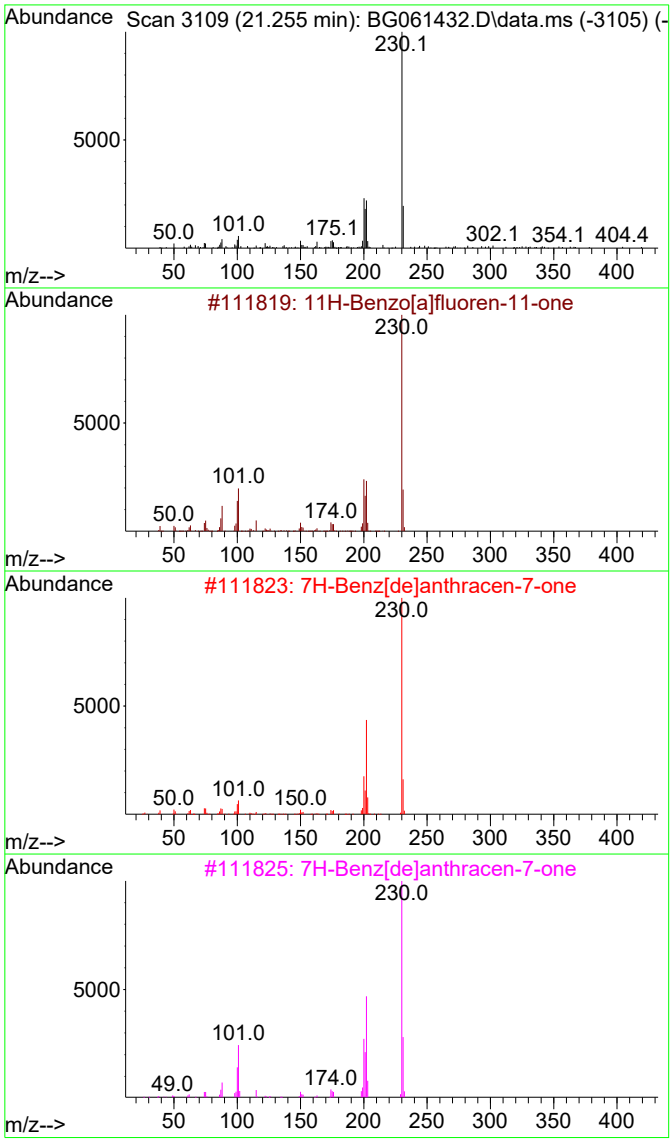
Quant Title : SVOA CALIBRATION

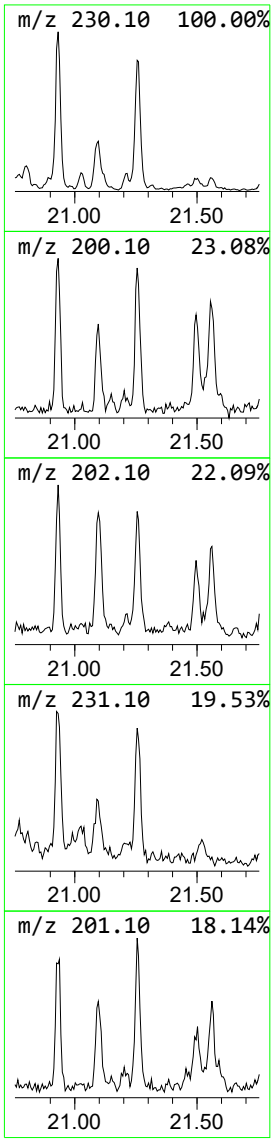
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.255	2.70 ng/ul	181001	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

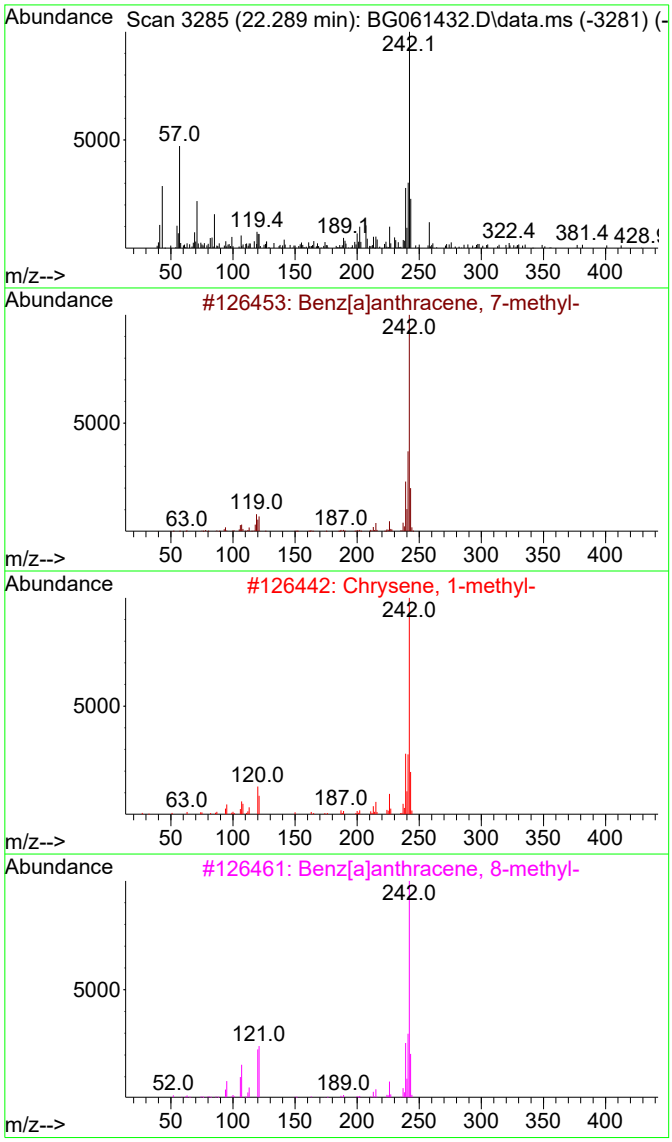
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

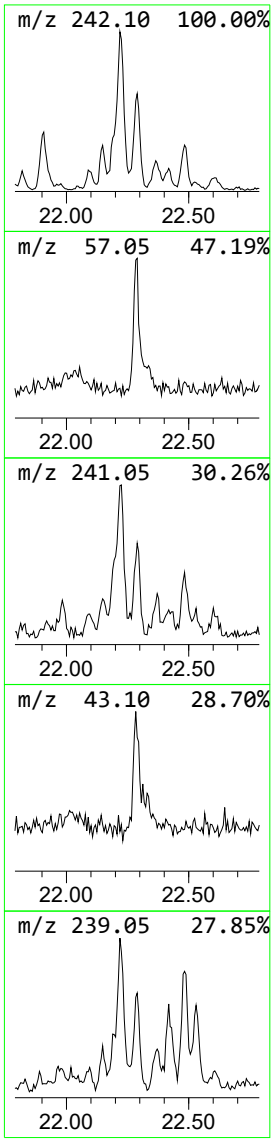
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.289	2.06 ng/ul	138083	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

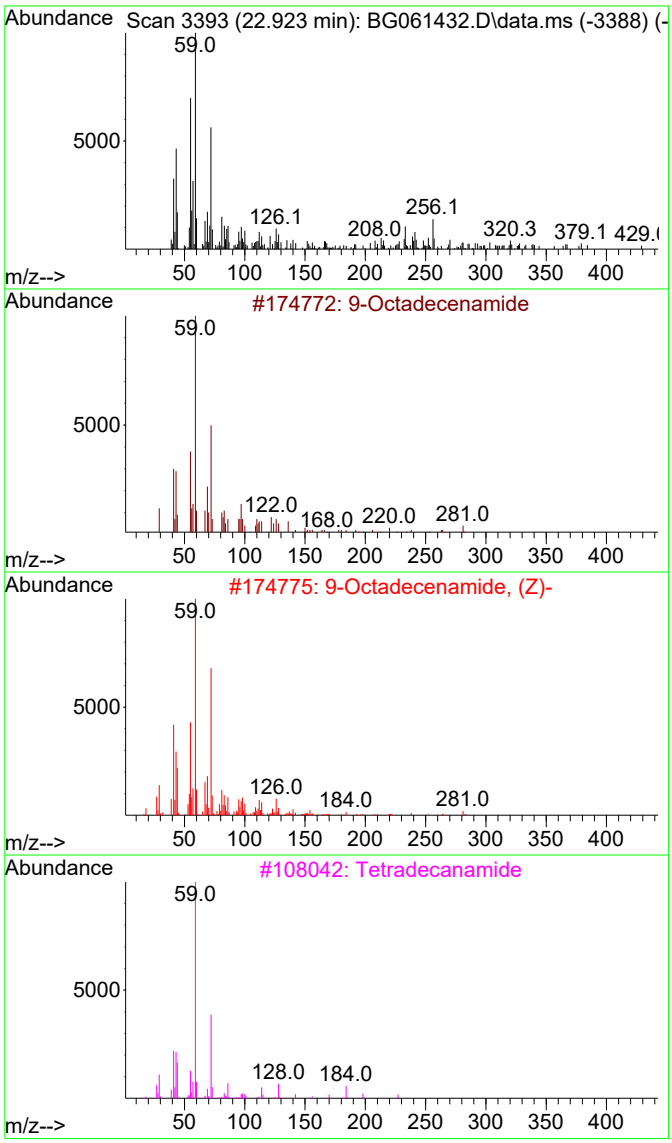
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

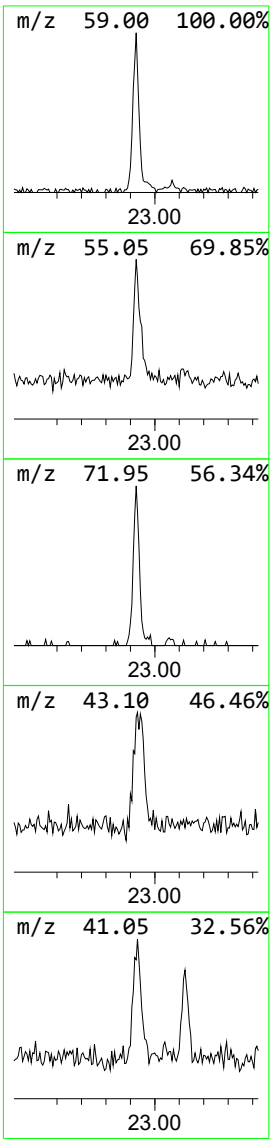
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.924	3.27 ng/ul	219237	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide	281	C18H35NO	003322-62-1	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Tetradecanamide	227	C14H29NO	000638-58-4	70
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

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

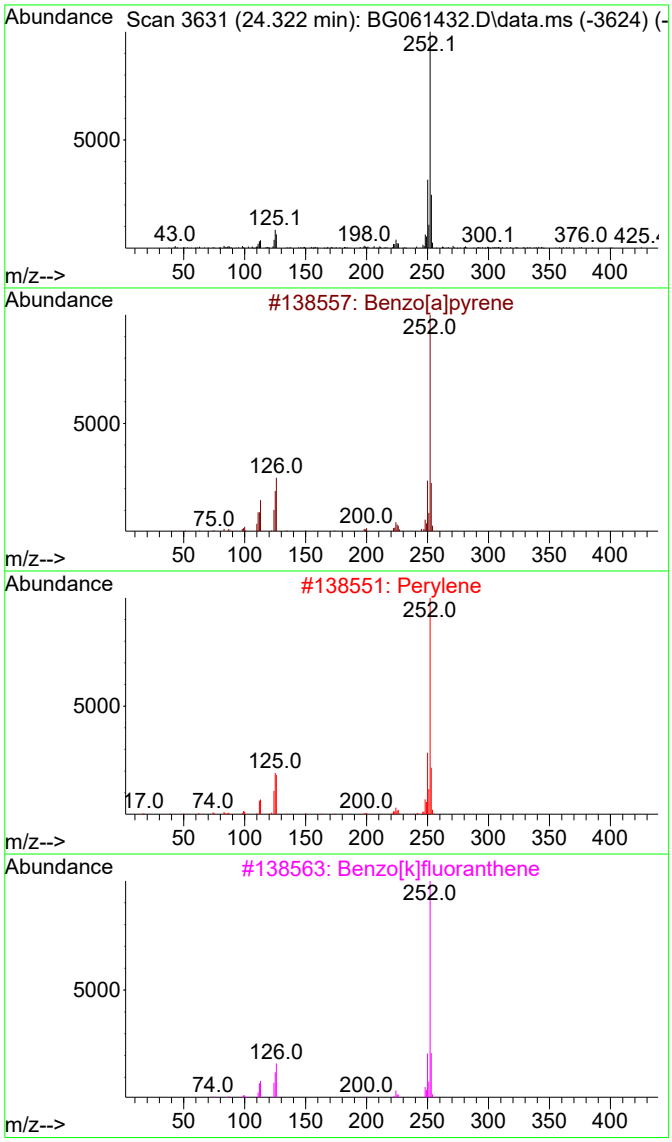
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

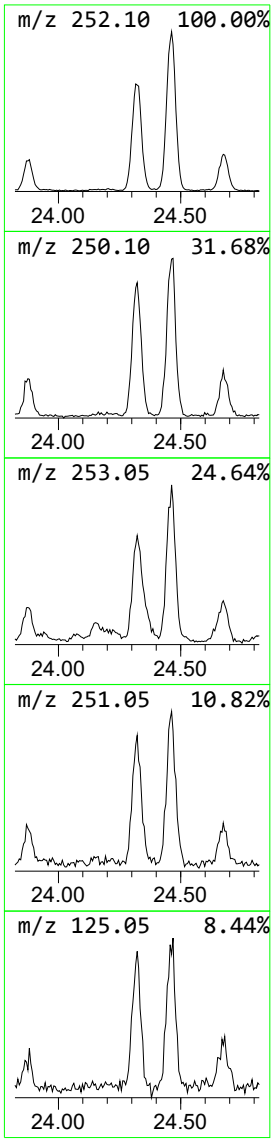
****

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.322	9.18 ng/ul	357945	Perylene-d12	24.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

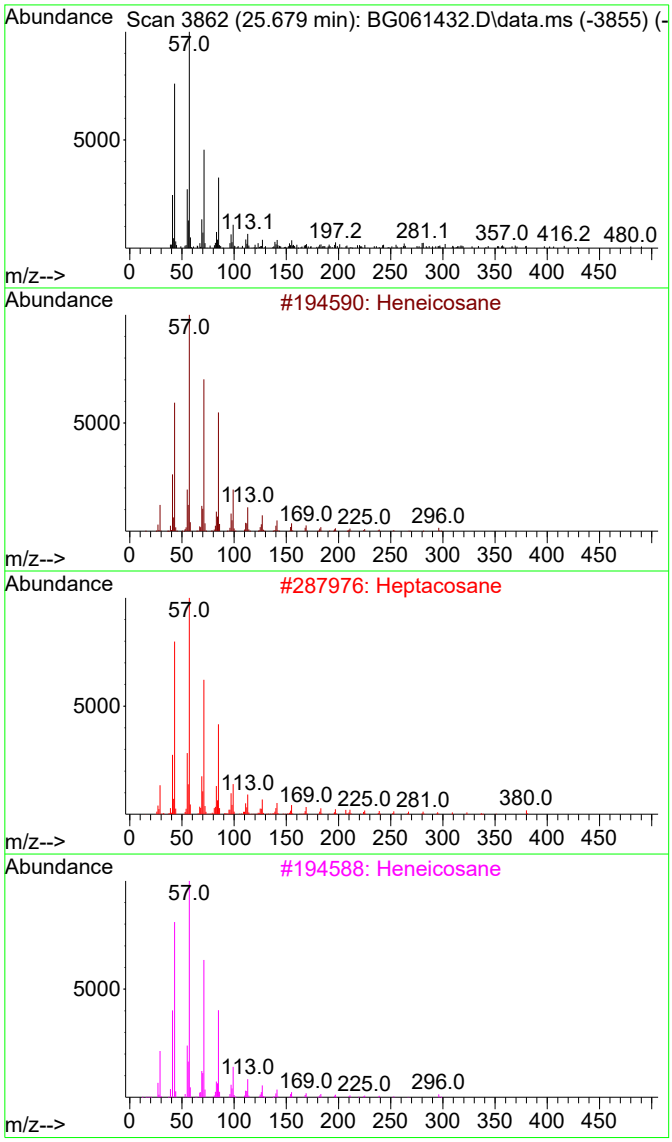
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

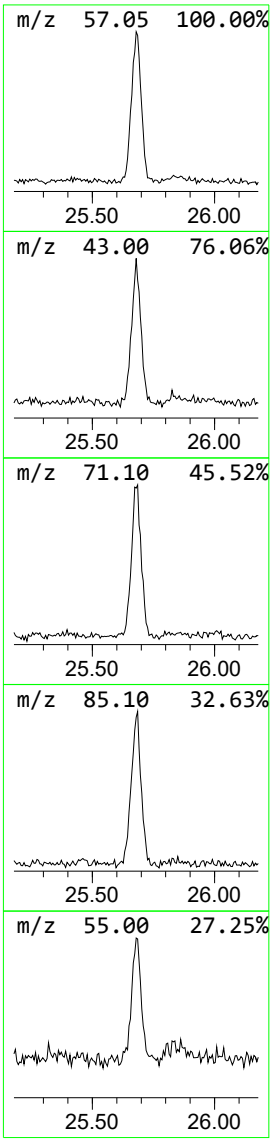
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.679	6.77 ng/ul	263983	Perylene-d12	24.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptacosane	380	C27H56	000593-49-7	98
3	Heneicosane	296	C21H44	000629-94-7	97
4	Pentacosane	352	C25H52	000629-99-2	89
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6C3

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.076	313.0	ng/ul	3192340	1	7.876	203985	20.0
unknown-01	3.858	2.1	ng/ul	21532	1	7.876	203985	20.0
Phenanthrene, 1...	18.141	3.6	ng/ul	104477	4	17.259	579724	20.0
1H-Indene, 1-ph...	18.182	4.5	ng/ul	131993	4	17.259	579724	20.0
Phenanthrene, 2...	18.329	5.8	ng/ul	168682	4	17.259	579724	20.0
Anthracene, 9-m...	18.370	2.7	ng/ul	78050	4	17.259	579724	20.0
Tricyclo[8.2.2....	18.634	2.2	ng/ul	64791	4	17.259	579724	20.0
9,10-Anthracene...	18.681	3.8	ng/ul	110082	4	17.259	579724	20.0
Phenanthrene, 2...	19.057	4.8	ng/ul	139174	4	17.259	579724	20.0
Cyclopenta(def)...	19.198	3.7	ng/ul	106945	4	17.259	579724	20.0
Pyrene, 1-methyl-	20.009	2.6	ng/ul	175530	5	21.513	1339690	20.0
11H-Benzo[b]flu...	20.174	2.6	ng/ul	172993	5	21.513	1339690	20.0
Hexanedioic aci...	20.644	6.6	ng/ul	439874	5	21.513	1339690	20.0
11H-Benzo[a]flu...	20.932	2.5	ng/ul	163941	5	21.513	1339690	20.0
Benzo[b]naphtho...	21.108	2.0	ng/ul	134258	5	21.513	1339690	20.0
7H-Benz[de]anth...	21.255	2.7	ng/ul	181001	5	21.513	1339690	20.0
Benz[a]anthrace...	22.289	2.1	ng/ul	138083	5	21.513	1339690	20.0
9-Octadecenamide	22.924	3.3	ng/ul	219237	5	21.513	1339690	20.0
Perylene	24.322	9.2	ng/ul	357945	6	24.604	780178	20.0
(DEL) Alkane: S...	25.679	6.8	ng/ul	263983	6	24.604	780178	20.0