LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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: BG061479.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	3	7	9	rBV	16432	19812	1.25%	0.116%
2	3.072	9	14	29	rVB	302657	492533	31.00%	2.893%
3	3.742	122	128	137	rBV3	13026	24348	1.53%	0.143%
4	3.848	141	146	154	rBV	19962	29430	1.85%	0.173%
5	7.062	688	693	702	rBV	28667	49788	3.13%	0.292%
6	7.203	712	717	723	rBV2	18195	28598	1.80%	0.168%
7	7.414	746	753	759	rBV2	27072	43705	2.75%	0.257%
8	7.873	824	831	838	rBV	129675	208423	13.12%	1.224%
9	8.595	949	954	963	rBV2	31343	51876	3.27%	0.305%
10	9.036	1021	1029	1035	rBV2	28240	49608	3.12%	0.291%
11	9.753	1145	1151	1158	rBV2	27473	42797	2.69%	0.251%
12	10.311	1240	1246	1253	rBV	39663	67731	4.26%	0.398%
13	10.669	1297	1307	1313	rBV	178538	306336	19.28%	1.799%
14	10.805	1326	1330	1336	rBV3	10191	17278	1.09%	0.101%
15	13.913	1850	1859	1864	rBV	82442	118432	7.46%	0.696%
16	14.201	1902	1908	1919	rBV	76746	129550	8.16%	0.761%
17	14.512	1952	1961	1967	rBV	277437	424392	26.72%	2.493%
18	14.571	1967	1971	1977	rVB2	6893	10902	0.69%	0.064%
19	14.771	1999	2005	2013	rBV4	10904	22645	1.43%	0.133%
20	14.912	2024	2029	2033	rVB3	8049	11968	0.75%	0.070%
21	15.505	2122	2130	2136	rVV	106510	158715	9.99%	0.932%
22	15.558	2136	2139	2150	rVB2	14873	25462	1.60%	0.150%
23	15.658	2150	2156	2165	rBV4	16958	28940	1.82%	0.170%
24	15.852	2185	2189	2196	rVB2	7489	12012	0.76%	0.071%
25	16.004	2211	2215	2222	rVB2	7320	12368	0.78%	0.073%
26	16.239	2247	2255	2261	rBV7	10832	20968	1.32%	0.123%
27	16.568	2301	2311	2316	rBV5	8961	21202	1.33%	0.125%
28	16.803	2340	2351	2354	rBV5	9250	21039	1.32%	0.124%
29	16.915	2365	2370	2377	rVB2	16284	25721	1.62%	0.151%
30	16.997	2377	2384	2385	rBV3	7722	11731	0.74%	0.069%
31	17.080	2394	2398	2403	rVB2	13916	21416	1.35%	0.126%
32	17.262	2423	2429	2433	rBV	381562	564400	35.53%	3.315%
33	17.303	2433	2436	2441	rVV	322416	445918	28.07%	2.619%
34	17.362	2441	2446	2449	rVV2	117050	174528	10.99%	1.025%
35	17.397	2449	2452	2457	rVB	37486	48364	3.04%	0.284%
36	17.461	2457	2463	2466	rBV4	11498	21525	1.35%	0.126%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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	17.667	2490	2498	2501	rBV2	26208	41297	2.60%	0.243%
38	17.779	2510	2517	2520	rBV4	13981	22210	1.40%	0.130%
39	17.843	2523	2528	2537	rVB3	19296	31520	1.98%	0.185%
40	17.979	2548	2551	2557	rVB2	7475	14395	0.91%	0.085%
41	18.055	2561	2564	2569	rBV5	6743	11999	0.76%	0.070%
42	18.137	2572	2578	2582	rBV	75888	113135	7.12%	0.664%
43	18.190	2582	2587	2592	rVV	96756	143643	9.04%	0.844%
44	18.266	2596	2600	2605	rVB2	18602	25115	1.58%	0.148%
45	18.331	2605	2611	2615	rBV3	103080	191209	12.04%	1.123%
46	18.372	2615	2618	2625	rVB	58835	77934	4.91%	0.458%
47	18.443	2628	2630	2635	rVB6	10589	14201	0.89%	0.083%
48	18.484	2635	2637	2642	rBV6	9201	14655	0.92%	0.086%
49	18.537	2642	2646	2650	rVB4	9934	14350	0.90%	0.084%
50	18.637	2659	2663	2667	rBV	57182	80786	5.09%	0.474%
51	18.684	2667	2671	2679	rVB	58679	91787	5.78%	0.539%
52	18.860	2696	2701	2702	rBV5	8663	10665	0.67%	0.063%
53	18.883	2702	2705	2710	rVB3	19869	25596	1.61%	0.150%
54	18.936	2710	2714	2718	rBV	23955	28504	1.79%	0.167%
55	18.977	2718	2721	2725	rVB3	23740	29998	1.89%	0.176%
56	19.060	2725	2735	2740	rBV	67766	140552	8.85%	0.826%
57	19.148	2748	2750	2754	rVB2	24639	28307	1.78%	0.166%
58	19.201	2754	2759	2765	rBV2	51313	103562	6.52%	0.608%
59	19.324	2773	2780	2786	rBV	902709	1235154	77.75%	7.255%
60	19.383	2786	2790	2793	rBV2	26169	33768	2.13%	0.198%
61	19.418	2793	2796	2801	rVB2	33789	44470	2.80%	0.261%
62	19.471	2801	2805	2808	rBV2	18593	25536	1.61%	0.150%
63	19.524	2809	2814	2817	rBV3	23215	37885	2.38%	0.223%
64	19.565	2817	2821	2824	rVV	31653	37982	2.39%	0.223%
65	19.653	2831	2836	2838	rBV2	262915	382662	24.09%	2.248%
66	19.688	2838	2842	2849	rVB	772230	1100984	69.31%	6.467%
67	19.753	2849	2853	2860	rVB2	53169	86580	5.45%	0.509%
68	19.865	2867	2872	2878	rVB	42337	67759	4.27%	0.398%
69	19.923	2878	2882	2888	rVB2	53063	82376	5.19%	0.484%
70	20.011	2890	2897	2903	rBV2	78205	202159	12.73%	1.187%
71	20.141	2914	2919	2921	rBV4	50557	82097	5.17%	0.482%
72	20.182	2921	2926	2930	rVB	132914	216968	13.66%	1.274%
73	20.276	2938	2942	2946	rBV	79547	110257	6.94%	0.648%
74	20.340	2946	2953	2957	rVV2	91080	164532	10.36%	0.966%
75	20.417	2963	2966	2970	rBV3	18360	20423	1.29%	0.120%
76	20.476	2972	2976	2980	rBV	67446	89519	5.64%	0.526%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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	20.523	2980	2984	2988	rVB	62401	82191	5.17%	0.483%
78	20.734	3016	3020	3022	rBV5	23743	32810	2.07%	0.193%
79	20.769	3023	3026	3030	rVV5	19440	34280	2.16%	0.201%
80	20.934	3050	3054	3059	rVB	109129	152364	9.59%	0.895%
81	21.110	3078	3084	3087	rBV3	92722	169639	10.68%	0.996%
82	21.151	3087	3091	3094	rVV	82578	121761	7.66%	0.715%
83	21.204	3095	3100	3104	rVV3	85480	177469	11.17%	1.042%
84	21.263	3105	3110	3117	rVB2	99731	188576	11.87%	1.108%
85	21.510	3145	3152	3158	rBV3	644271	1588582	100.00%	9.331%
86	21.563	3158	3161	3173	rVB	471730	751253	47.29%	4.412%
87	21.709	3181	3186	3190	rBV2	56481	96516	6.08%	0.567%
88	21.774	3194	3197	3203	rBV5	44411	92530	5.82%	0.543%
89	21.915	3216	3221	3227	rVB3	49677	92950	5.85%	0.546%
90	22.221	3270	3273	3279	rVB	90997	148121	9.32%	0.870%
91	22.291	3282	3285	3293	rVB3	69337	119706	7.54%	0.703%
92	22.485	3313	3318	3322	rBV2	54414	106594	6.71%	0.626%
93	23.278	3446	3453	3461	rBV5	37837	115098	7.25%	0.676%
94	23.637	3506	3514	3521	rBV	350638	1096476	69.02%	6.440%
95	23.883	3551	3556	3562	rVB2	63384	130273	8.20%	0.765%
96	24.330	3624	3632	3638	rBV	164395	472972	29.77%	2.778%
97	24.395	3640	3643	3648	rVV2	81436	181453	11.42%	1.066%
98	24.471	3649	3656	3666	rVB	308964	768378	48.37%	4.513%
99	24.612	3671	3680	3687	rBV	275586	738209	46.47%	4.336%
100	28.125	4268	4278	4294	rVB3	117598	526482	33.14%	3.092%

Sum of corrected areas: 17025675

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
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Operator : MA/JU
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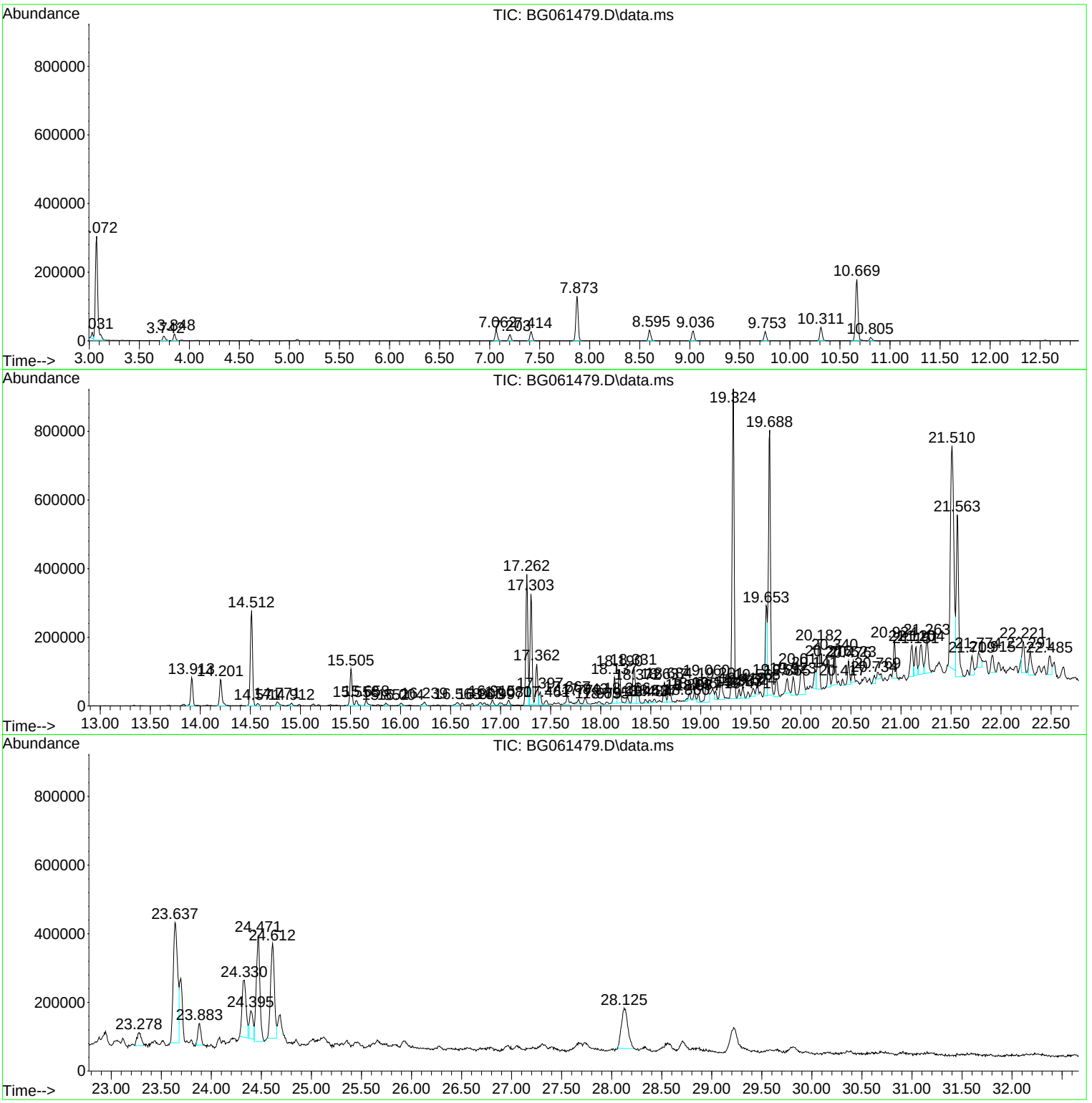
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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 : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
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Instrument :
BNA_G
ClientSampleId :
BH5W6DL

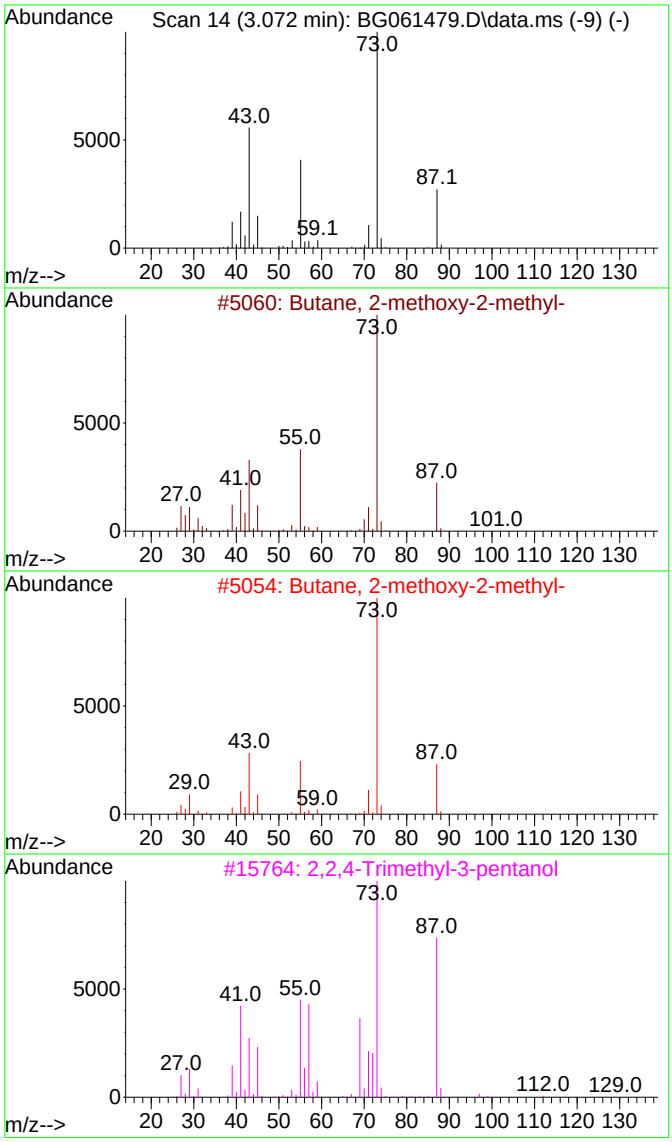
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

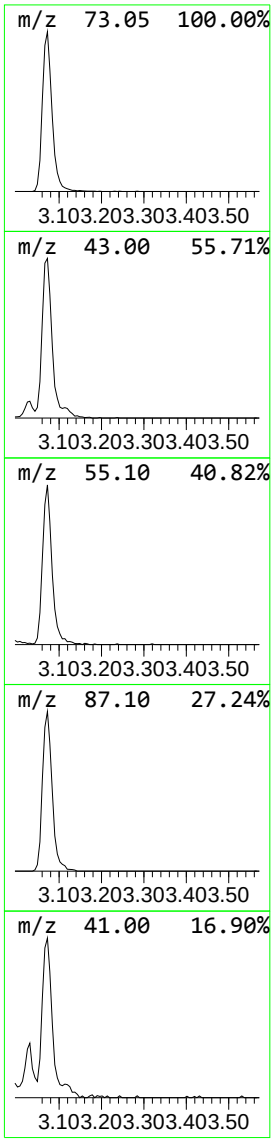
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.072	47.26 ng/ul	492533	1,4-Dichlorobenzene-d4	7.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
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Instrument :
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ClientSampleId :
BH5W6DL

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

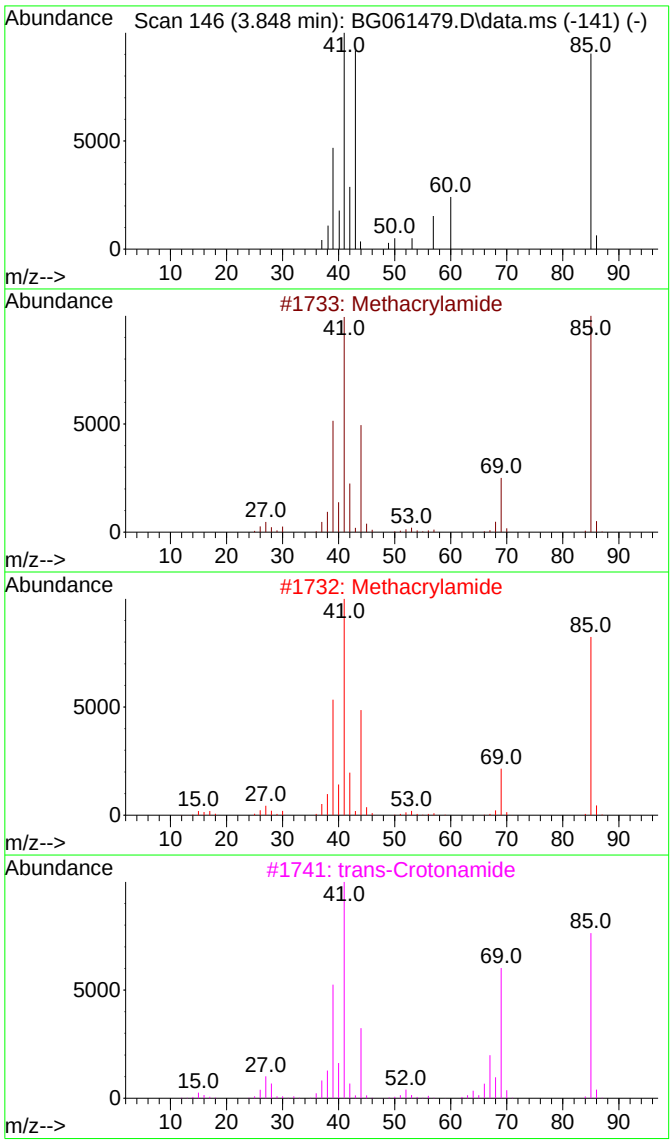
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

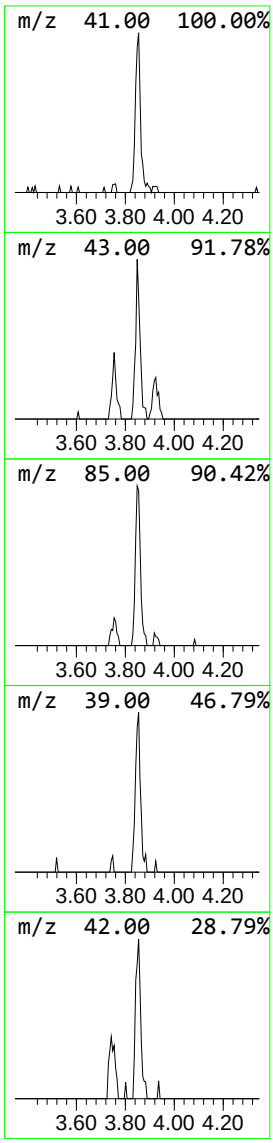
****

Peak Number 2 Methacrylamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.848	2.82 ng/ul	29430	1,4-Dichlorobenzene-d4	7.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	trans-Crotonamide	85	C4H7NO	000625-37-6	53
4	Methacrylamide	85	C4H7NO	000079-39-0	50
5	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
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Instrument :
BNA_G
ClientSampleId :
BH5W6DL

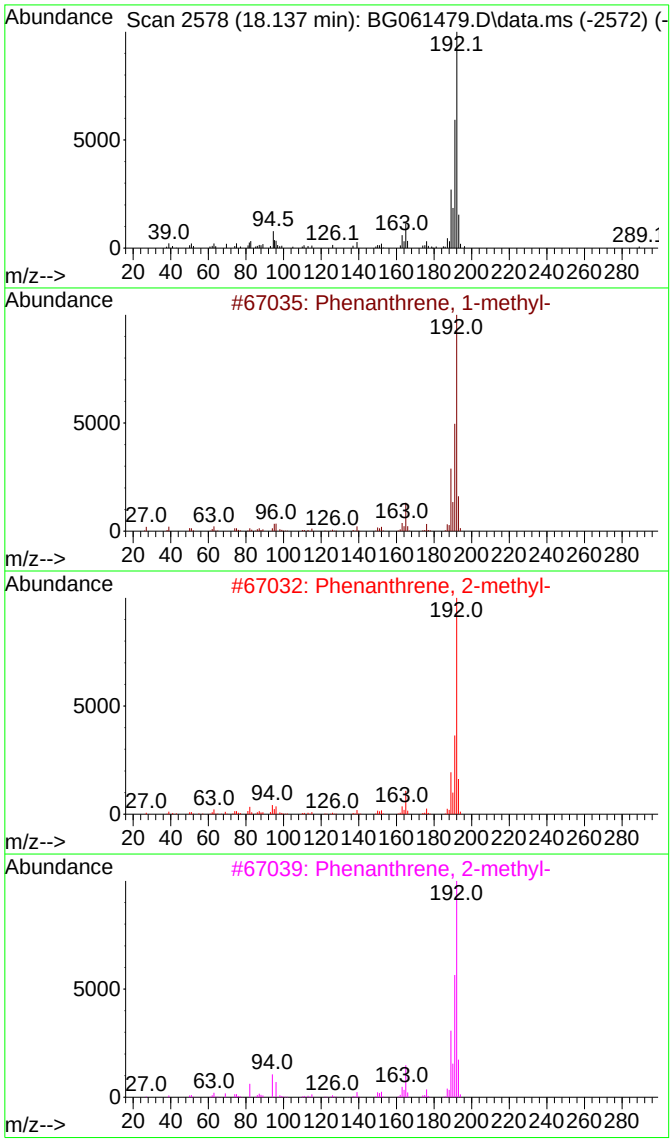
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

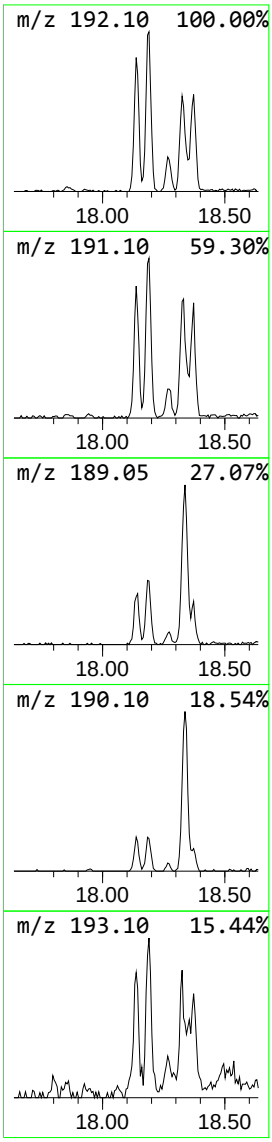
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	4.01 ng/ul	113135	Phenanthrene-d10	17.262

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

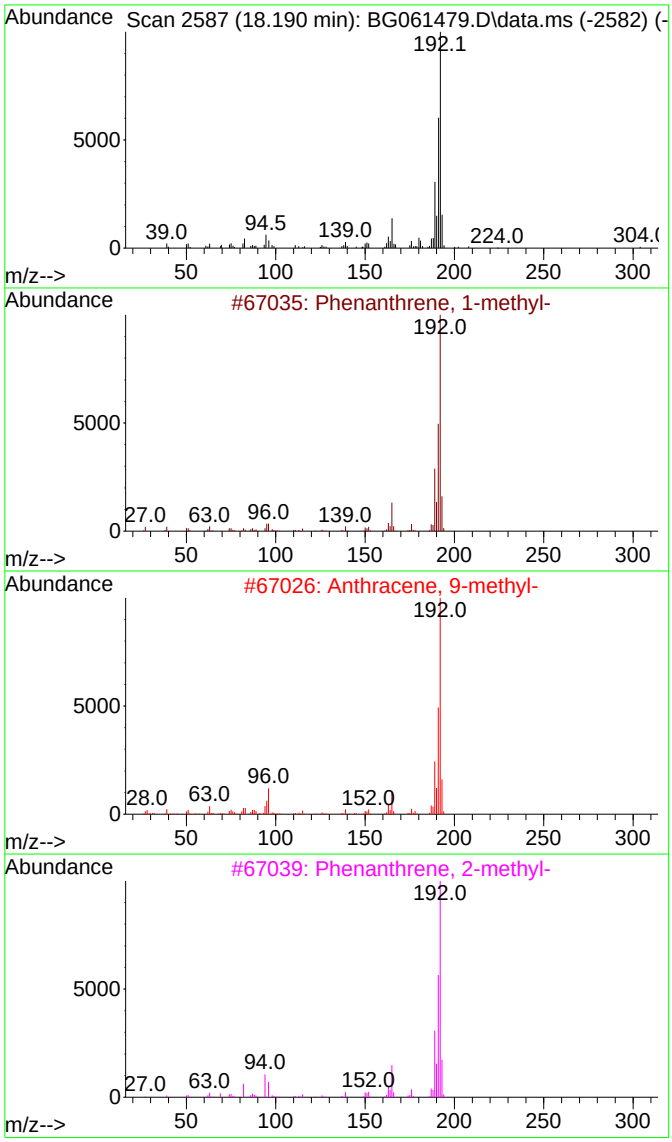
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

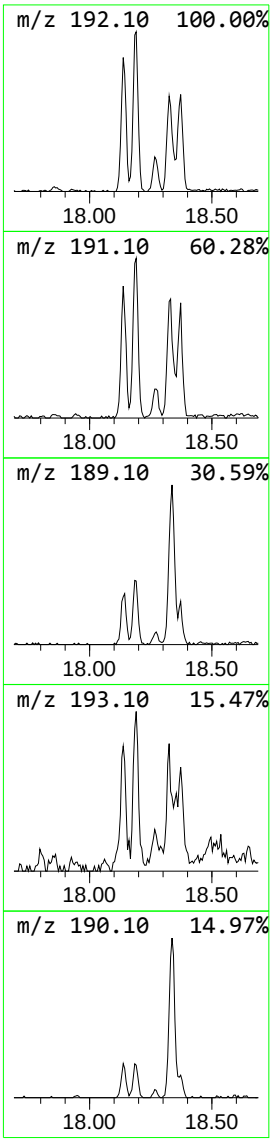
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.190	5.09 ng/ul	143643	Phenanthrene-d10	17.262

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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

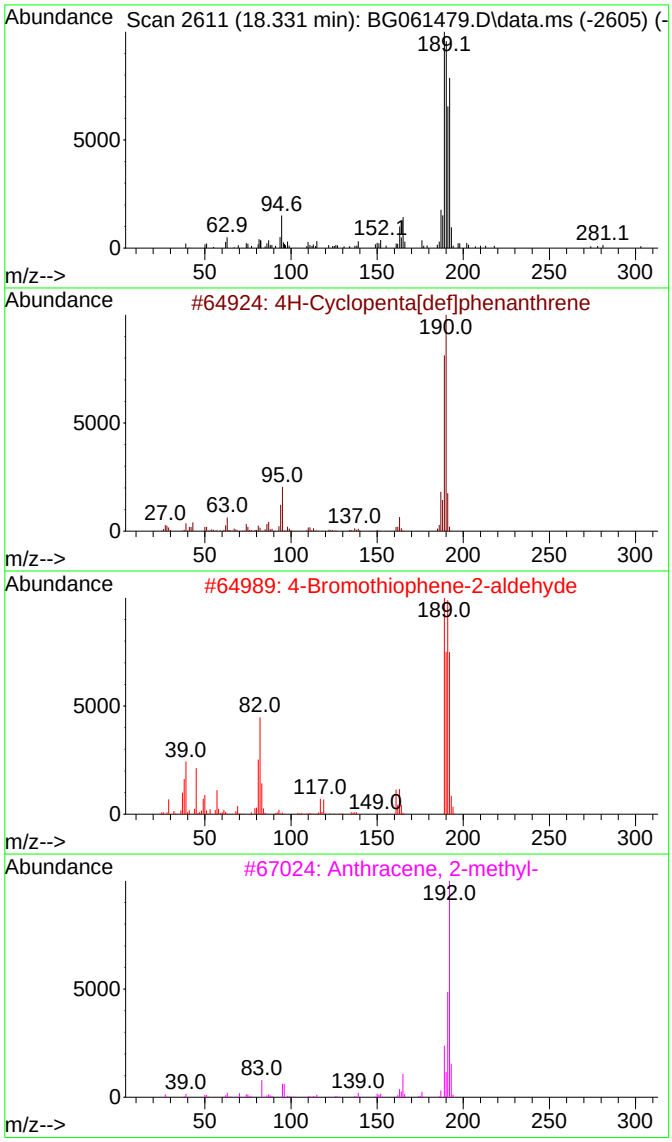
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

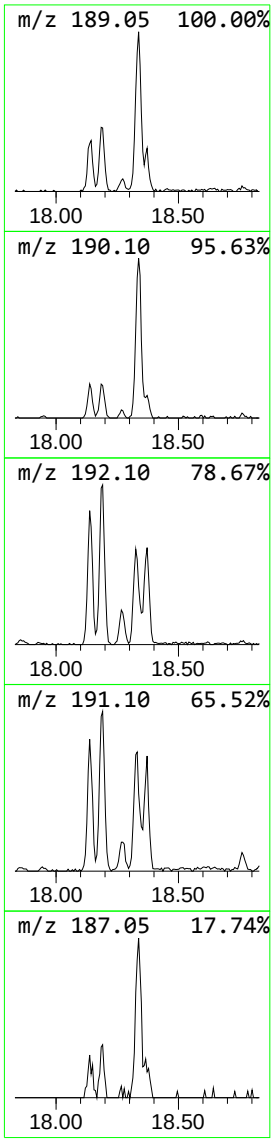
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.331	6.78 ng/ul	191209	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	64
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

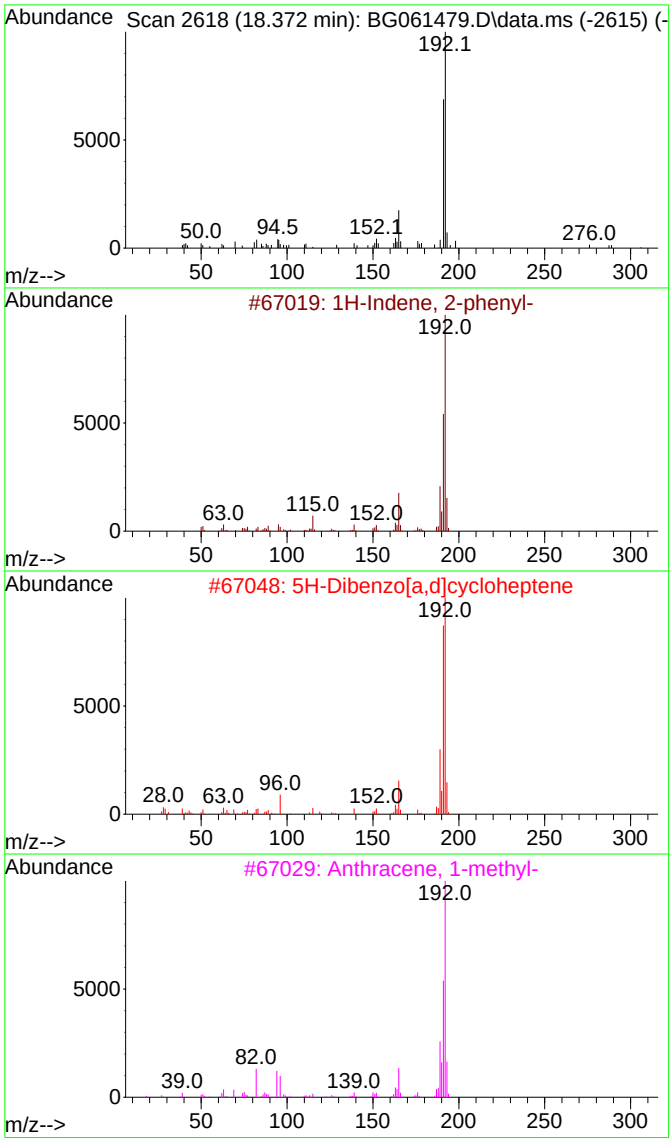
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

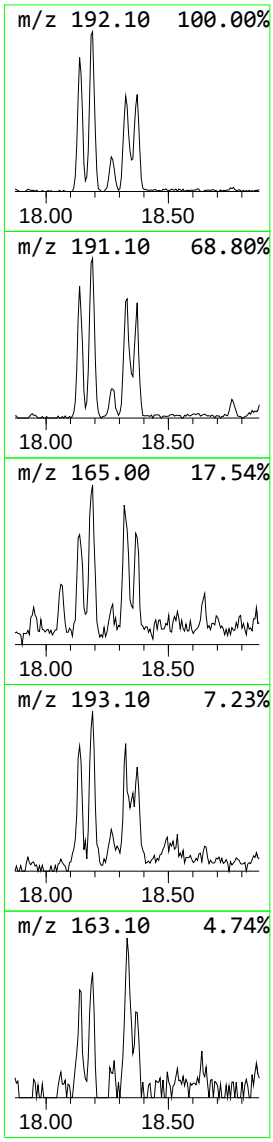
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	2.76 ng/ul	77934	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74





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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

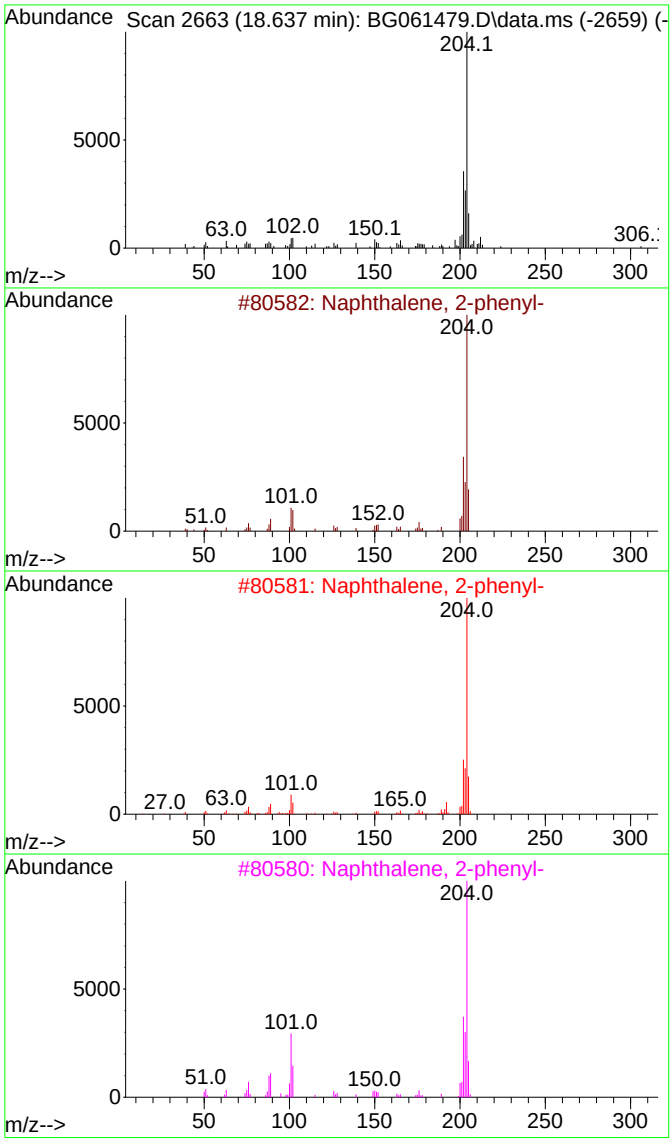
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

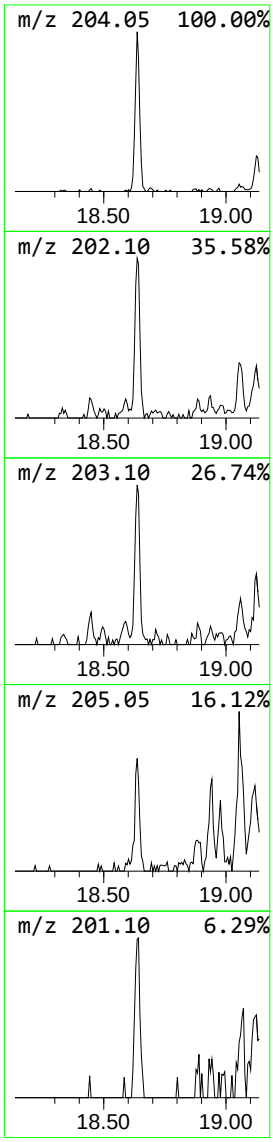
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.637	2.86 ng/ul	80786	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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Quant Title : SVOA CALIBRATION

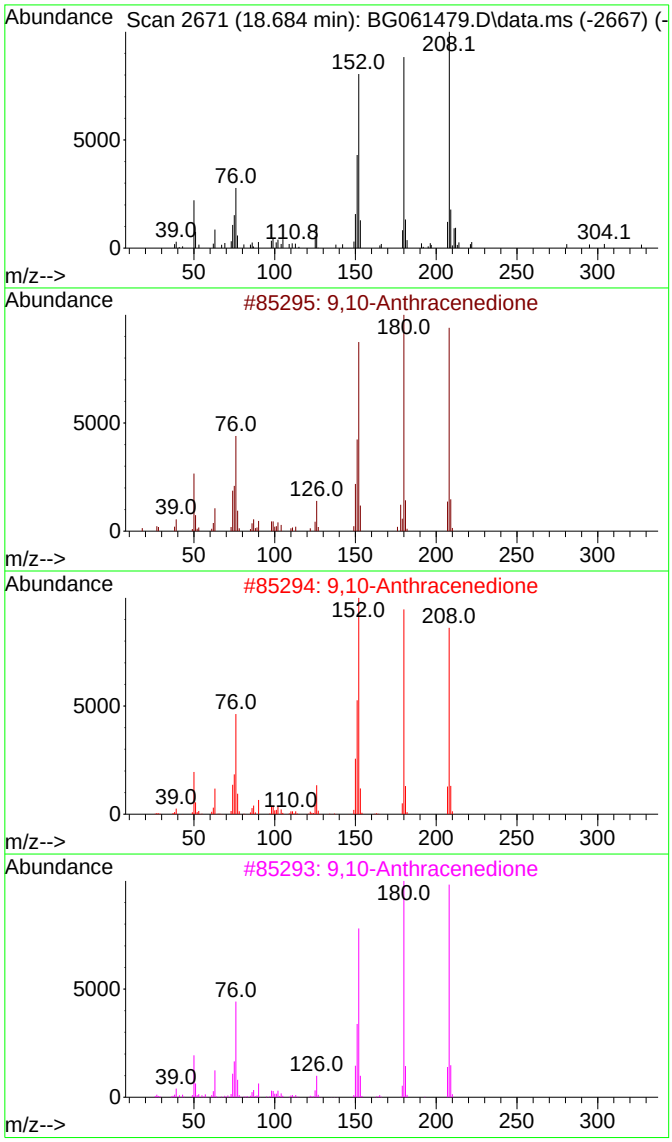
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

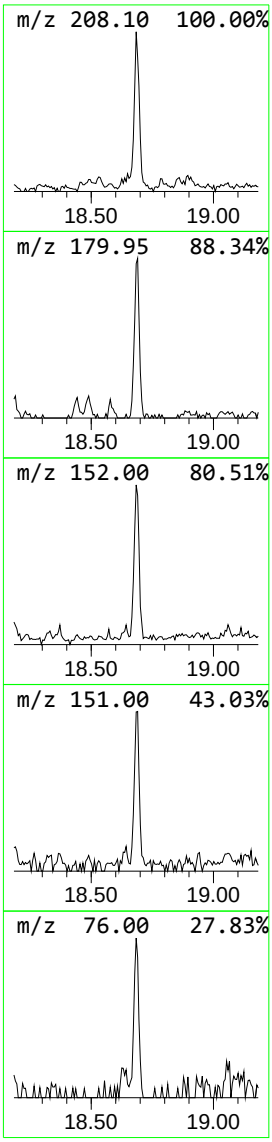
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.684	3.25 ng/ul	91787	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Acq On : 5 Jun 2024 7:58
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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

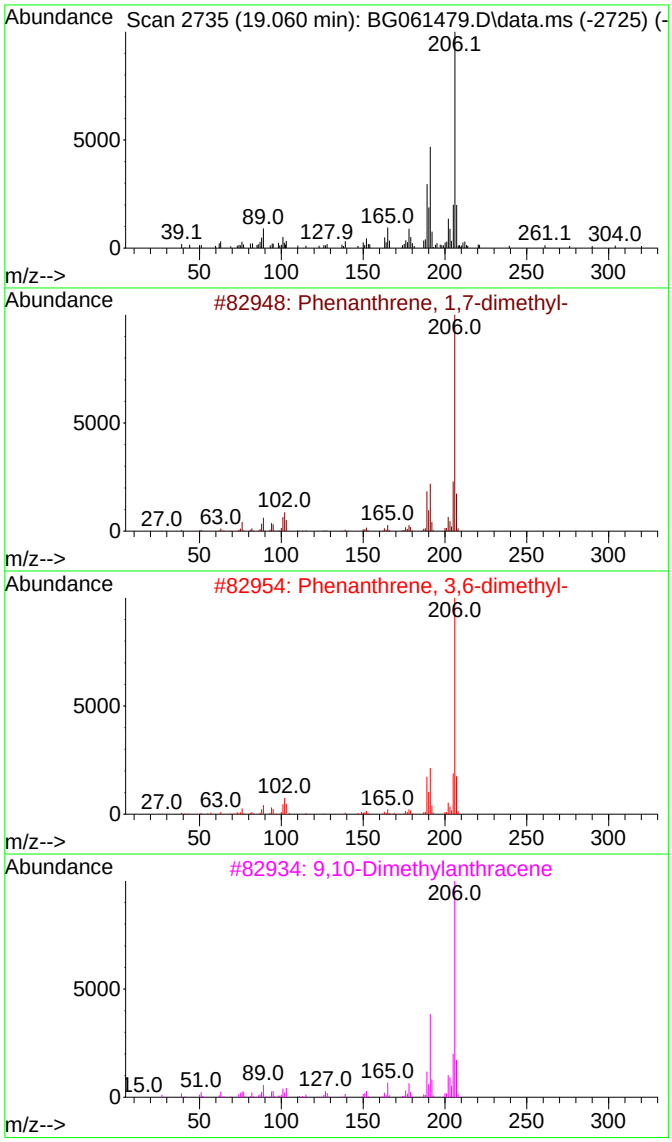
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

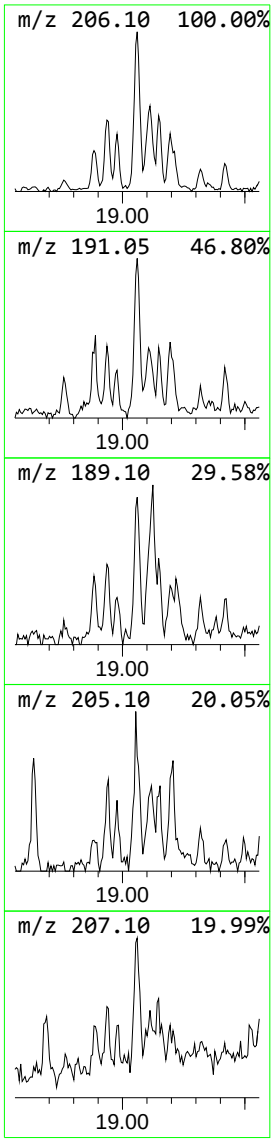
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.060	4.98 ng/ul	140552	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

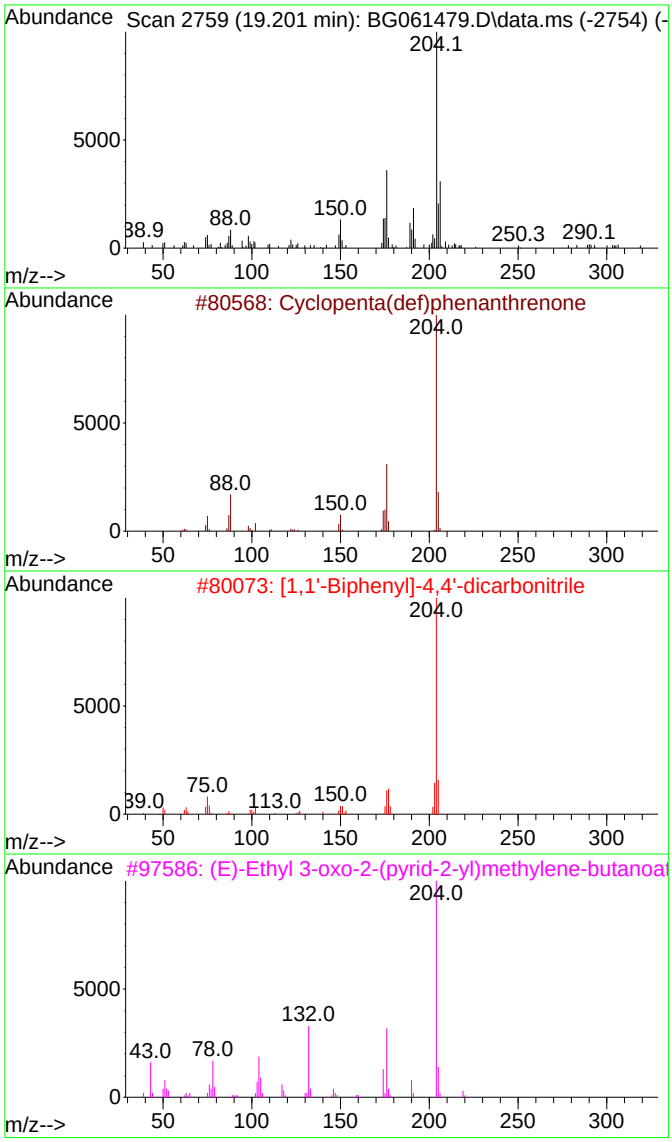
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

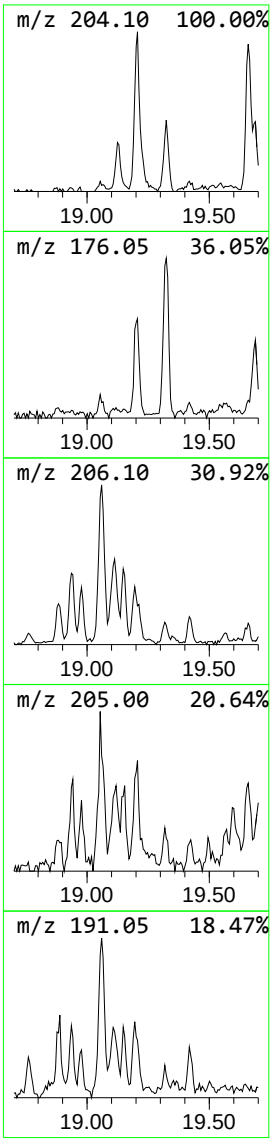
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.201	3.67 ng/ul	103562	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	53
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	42





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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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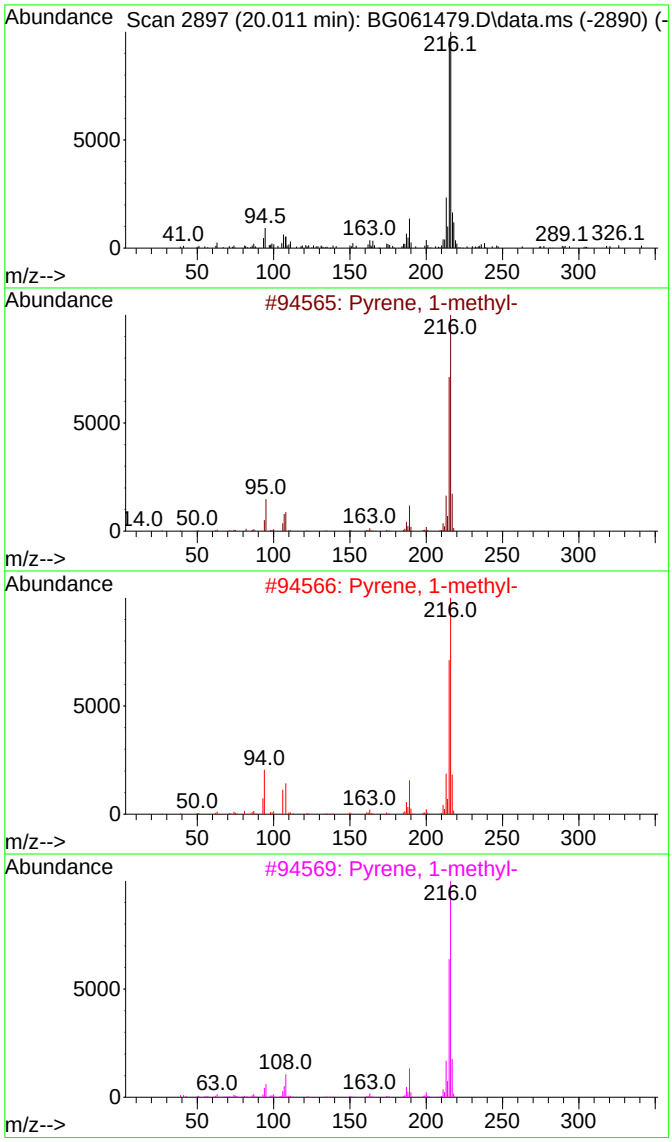
Quant Title : SVOA CALIBRATION

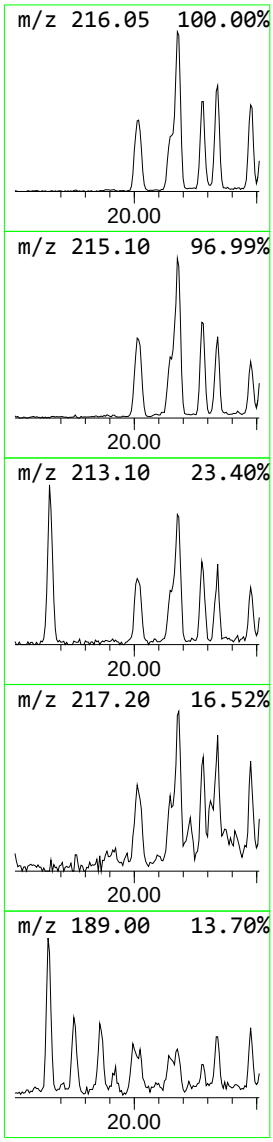
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.011	2.55 ng/ul	202159	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

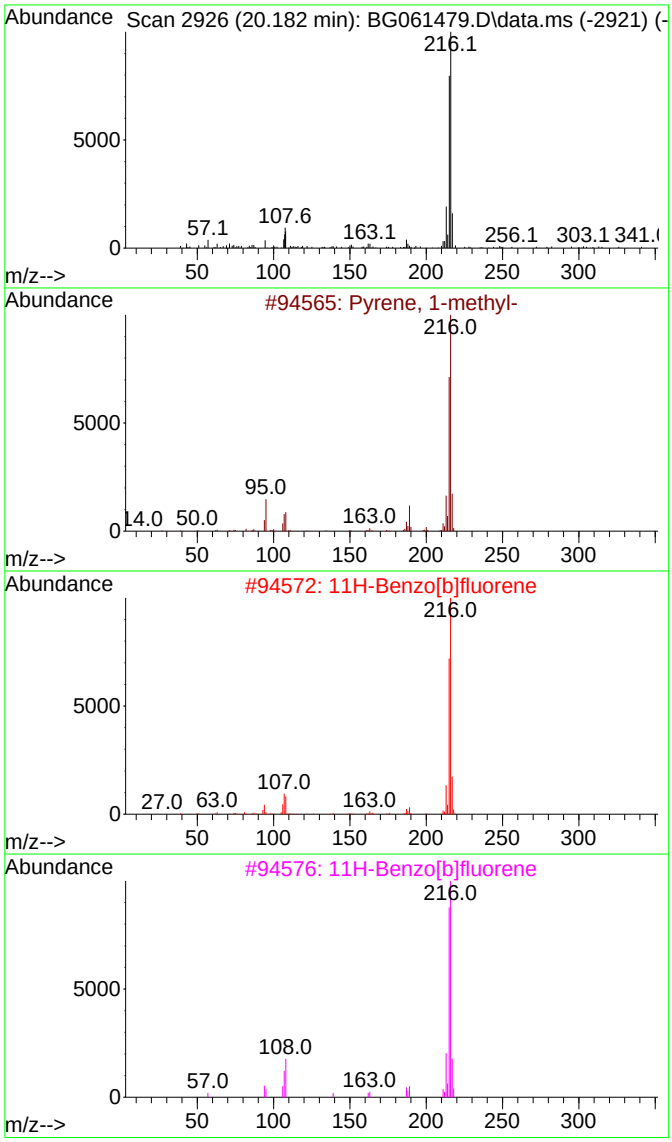
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

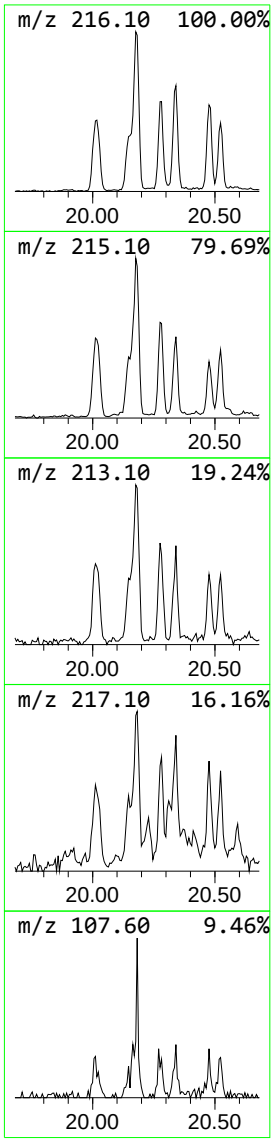
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.182	2.73 ng/ul	216968	Chrysene-d12	21.521

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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5W6DL

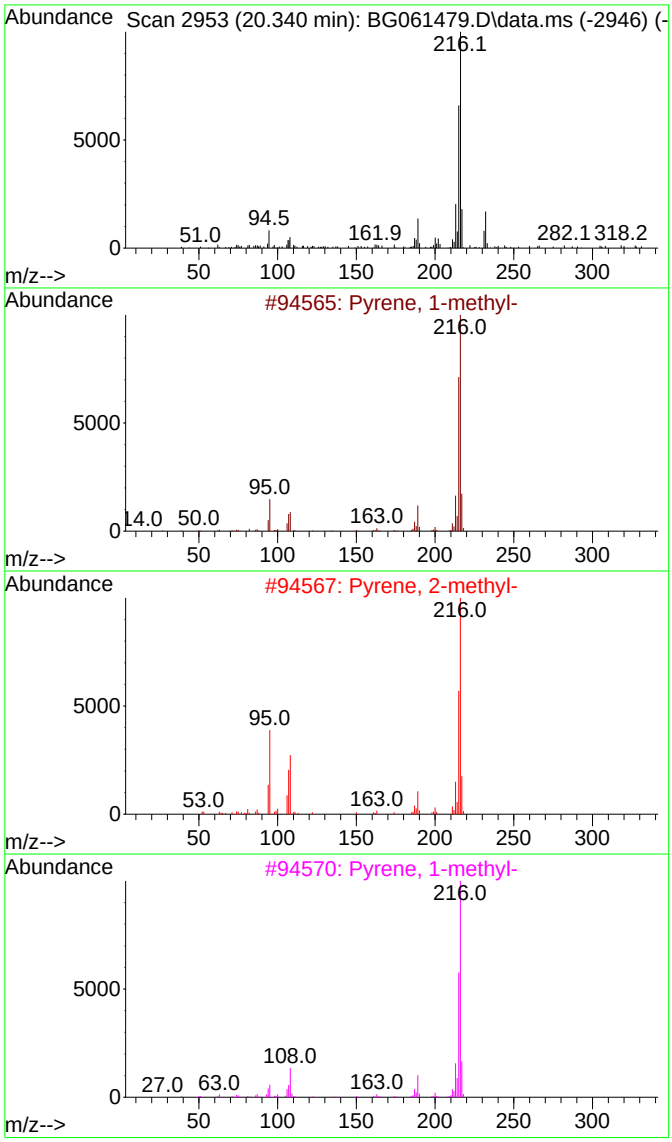
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

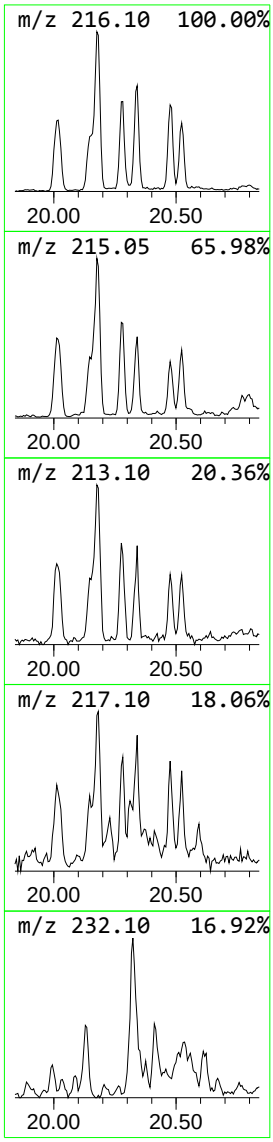
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.340	2.07 ng/ul	164532	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5W6DL

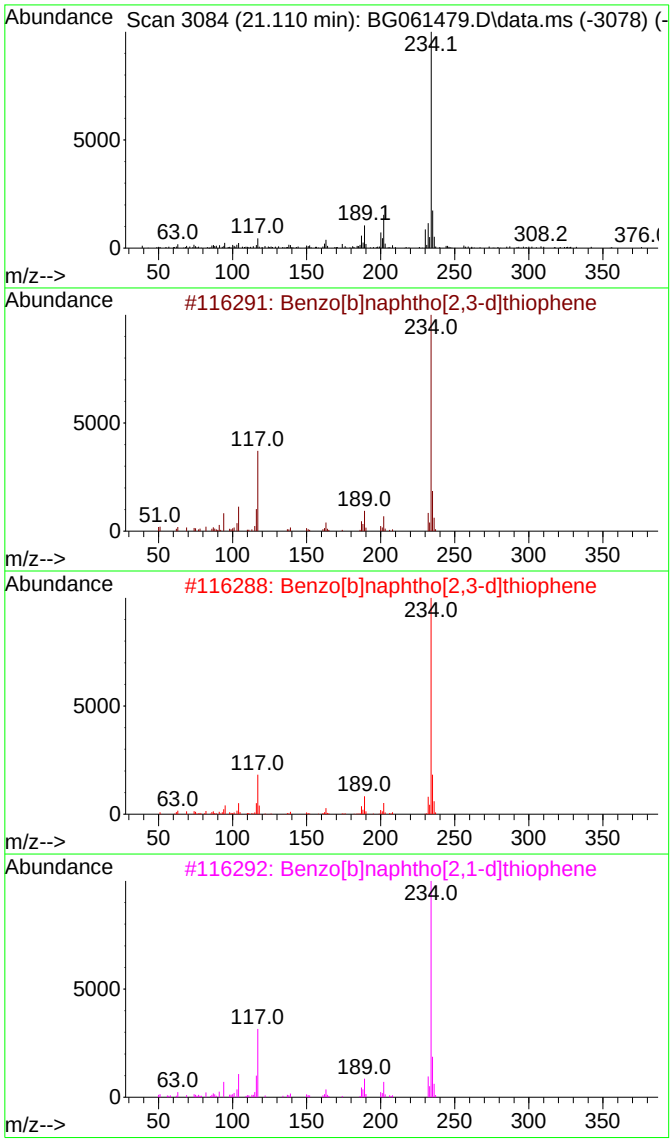
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

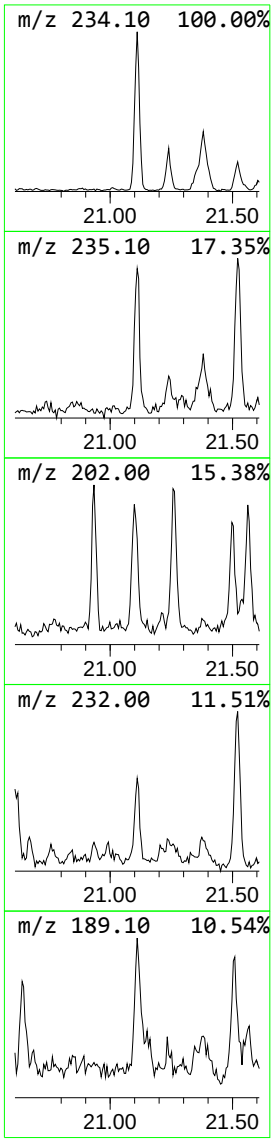
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	2.14 ng/ul	169639	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

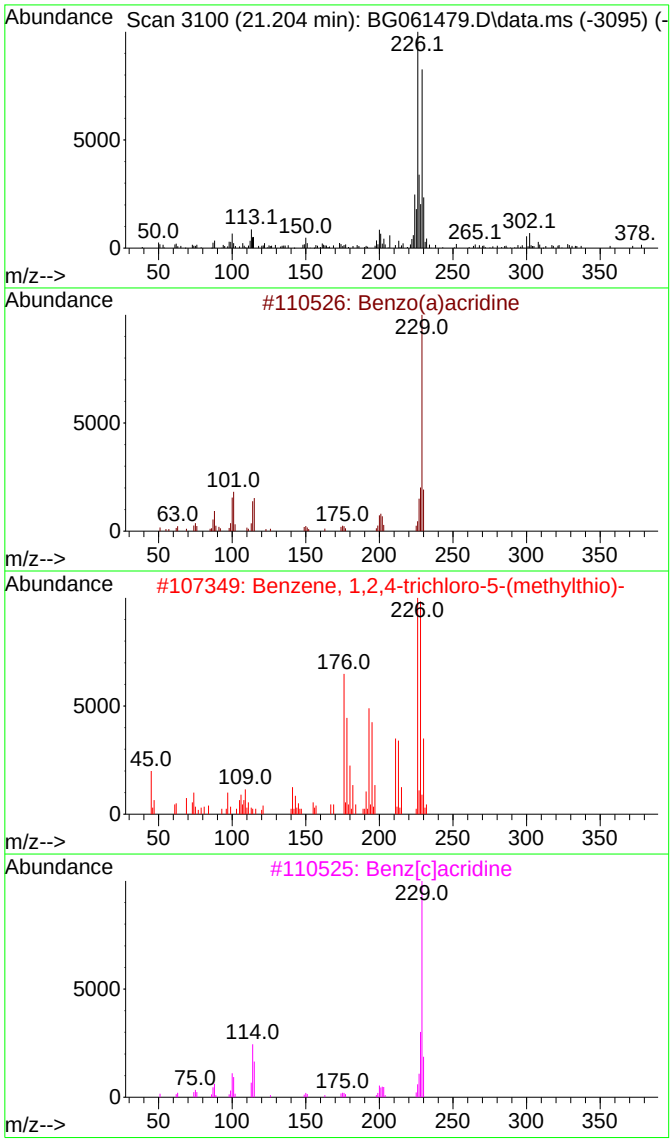
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

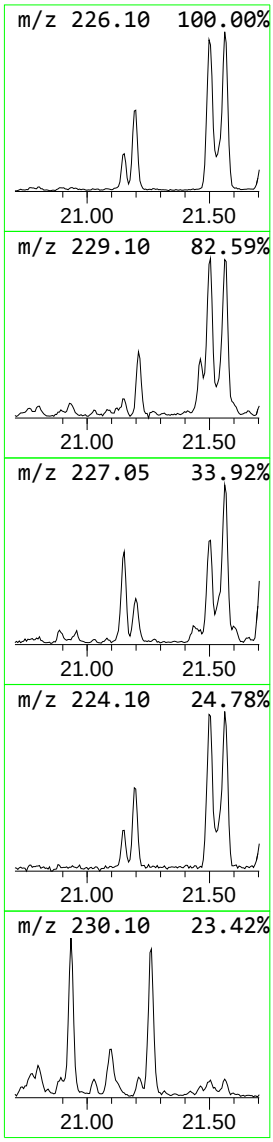
****

Peak Number 15 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	2.23 ng/ul	177469	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	38
2	Benzene, 1,2,4-trichloro-5-(meth...	226	C7H5Cl3S	004163-78-4	38
3	Benz[c]acridine	229	C17H11N	000225-51-4	38
4	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	35
5	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	32





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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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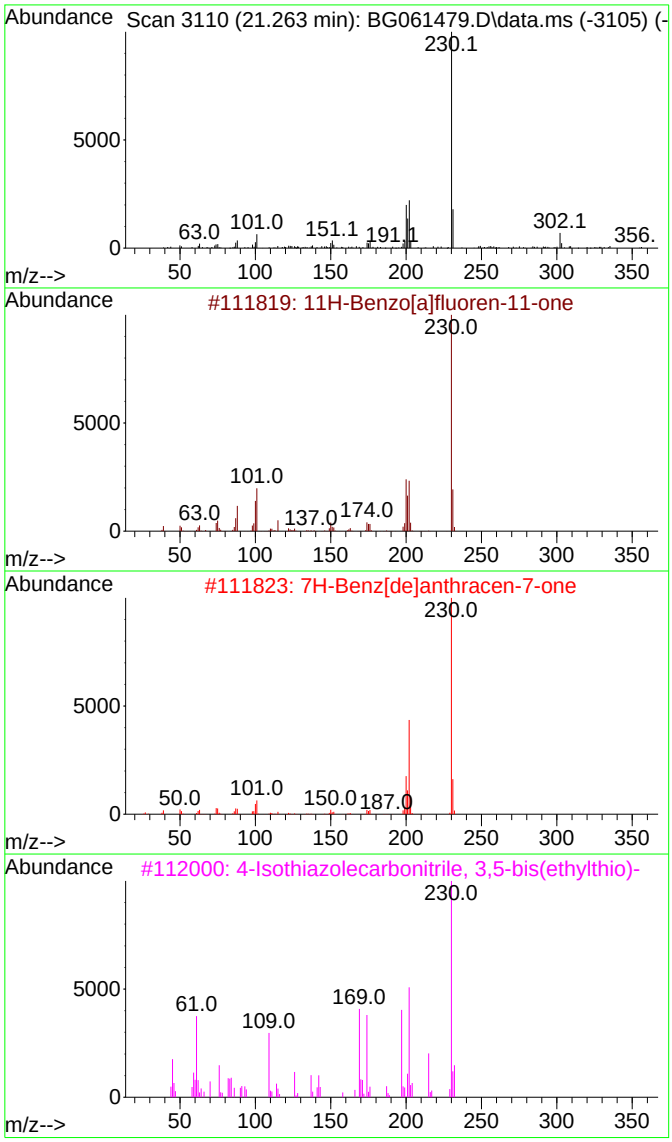
Quant Title : SVOA CALIBRATION

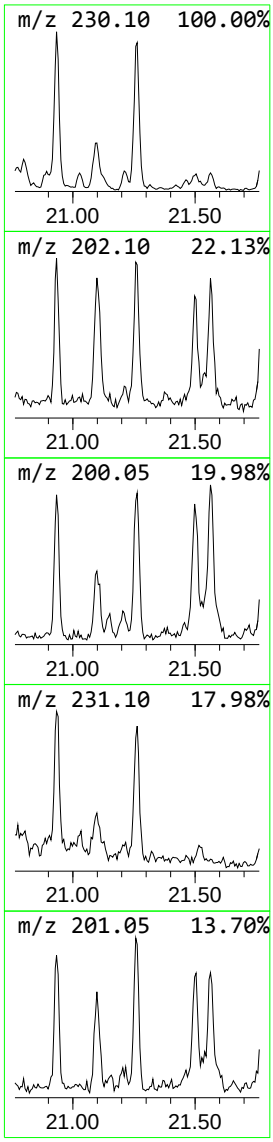
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.263	2.37 ng/ul	188576	Chrysene-d12	21.521

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	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53
5	m-Terphenyl	230	C18H14	000092-06-8	52





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Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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

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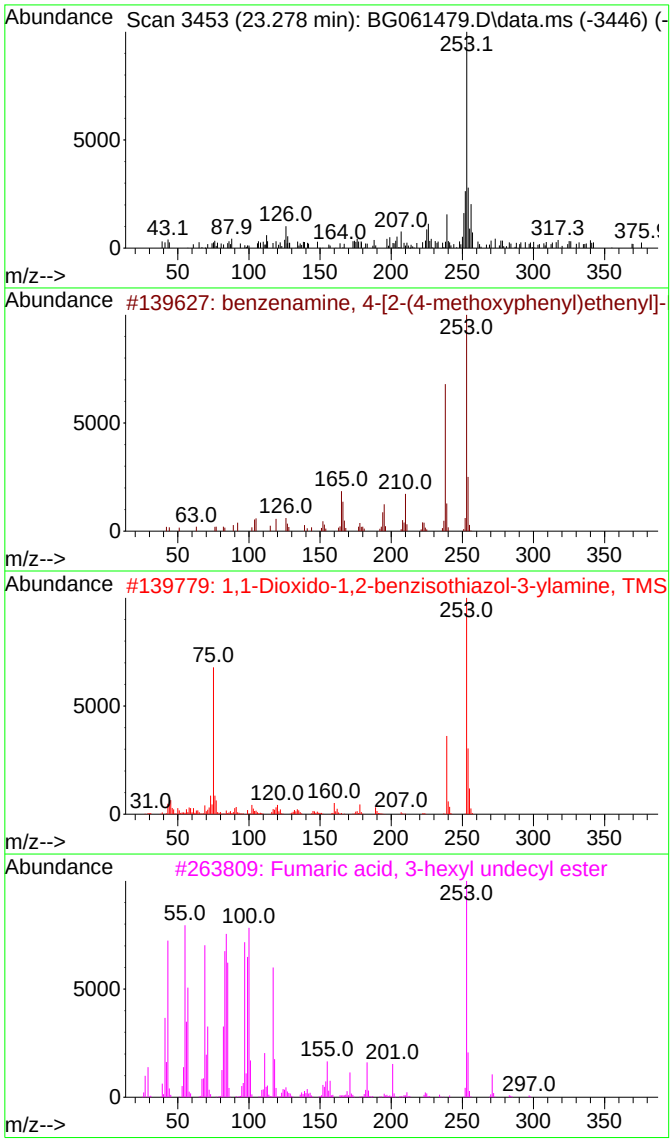
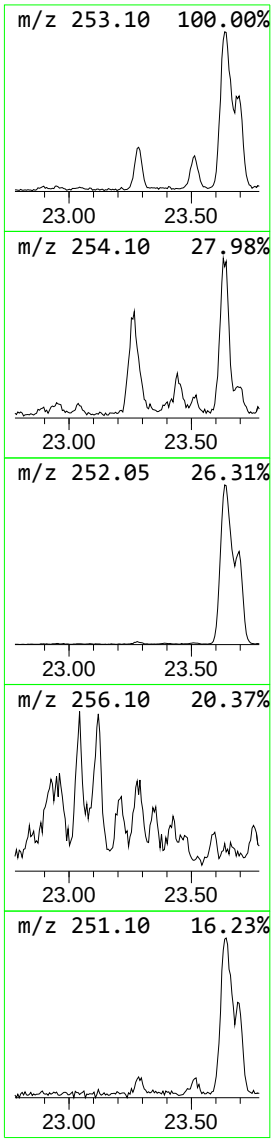
Peak Number 17 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.278	3.12 ng/ul	115098	Perylene-d12	24.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzenamine, 4-[2-(4-methoxyphen...	253	C17H19NO	1000401-41-8	47
2	1,1-Dioxido-1,2-benzisothiazol-3...	254	C10H14N2O2SSi	1000479-94-7	47
3	Fumaric acid, 3-hexyl undecyl ester	354	C21H38O4	1000348-61-0	47
4	6-Chloro-2-methyl-4-phenyl-quino...	253	C16H12ClN	022609-12-7	43
5	Silane, diphenyl(2-ethoxyethoxy)...	330	C19H26O3Si	1000367-65-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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

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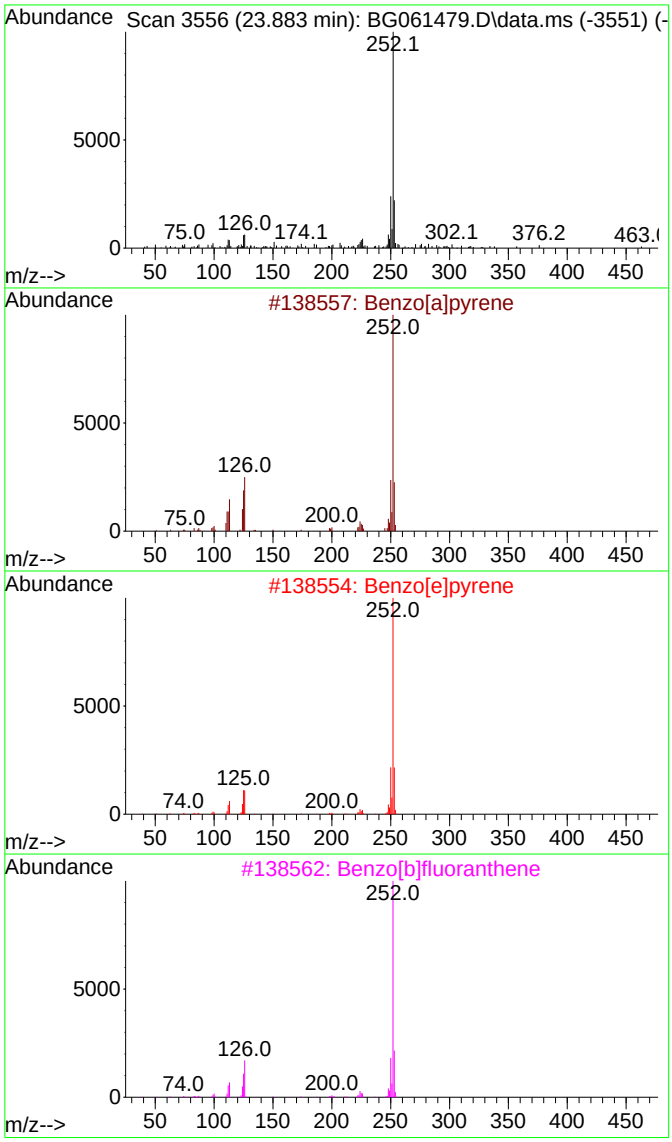
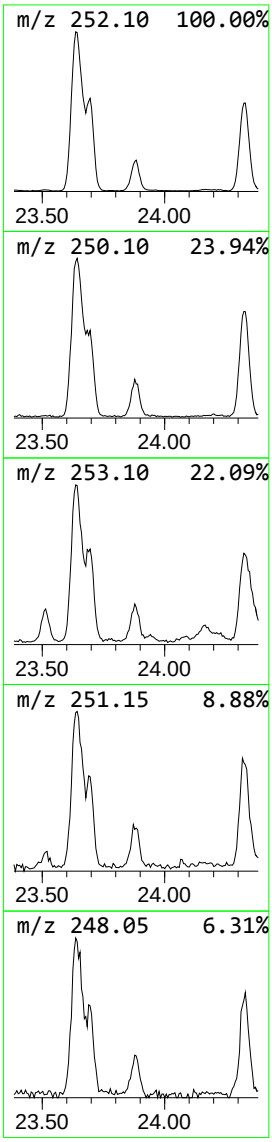
Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.883	3.53 ng/ul	130273	Perylene-d12	24.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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

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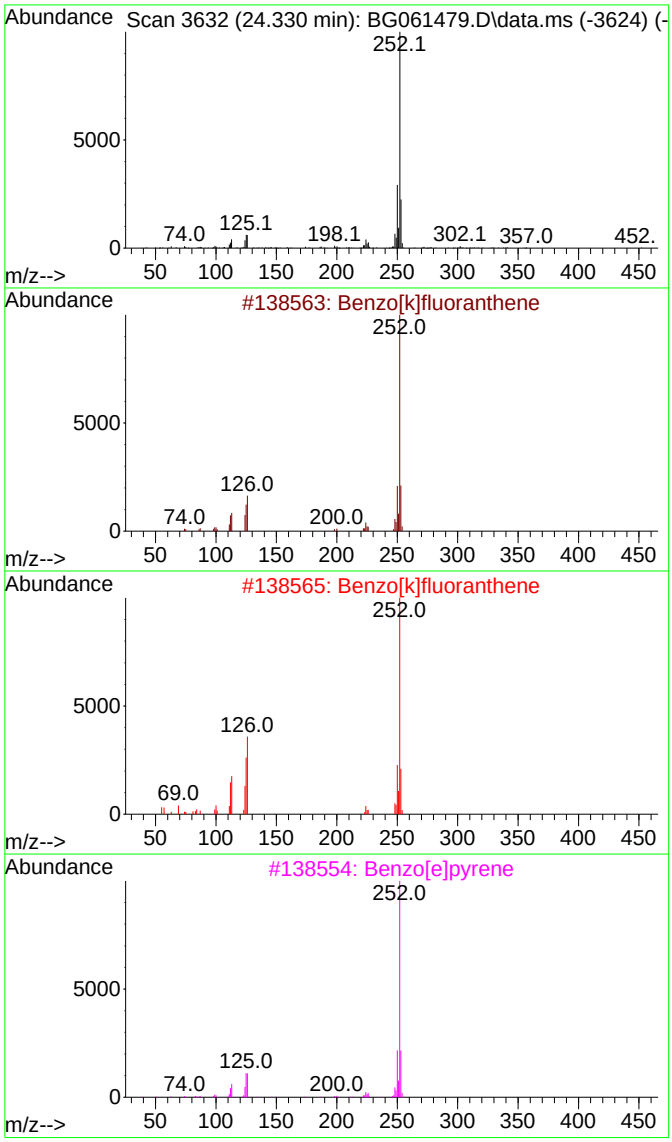
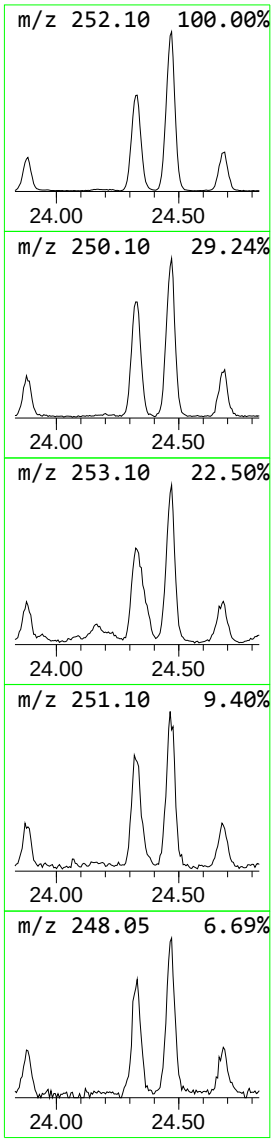
Peak Number 19 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.330	12.81 ng/ul	472972	Perylene-d12	24.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

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...	3.072	47.3	ng/ul	492533	1	7.873	208423	20.0
Methacrylamide	3.848	2.8	ng/ul	29430	1	7.873	208423	20.0
Phenanthrene, 1...	18.137	4.0	ng/ul	113135	4	17.262	564400	20.0
Anthracene, 9-m...	18.190	5.1	ng/ul	143643	4	17.262	564400	20.0
4H-Cyclopenta[d...	18.331	6.8	ng/ul	191209	4	17.262	564400	20.0
1H-Indene, 2-ph...	18.372	2.8	ng/ul	77934	4	17.262	564400	20.0
Naphthalene, 2-...	18.637	2.9	ng/ul	80786	4	17.262	564400	20.0
9,10-Anthracene...	18.684	3.3	ng/ul	91787	4	17.262	564400	20.0
Phenanthrene, 1...	19.060	5.0	ng/ul	140552	4	17.262	564400	20.0
Cyclopenta(def)...	19.201	3.7	ng/ul	103562	4	17.262	564400	20.0
Pyrene, 1-methyl-	20.011	2.5	ng/ul	202159	5	21.521	1588580	20.0
11H-Benzo[b]flu...	20.182	2.7	ng/ul	216968	5	21.521	1588580	20.0
Pyrene, 2-methyl-	20.340	2.1	ng/ul	164532	5	21.521	1588580	20.0
Benzo[b]naphtho...	21.110	2.1	ng/ul	169639	5	21.521	1588580	20.0
unknown-01	21.204	2.2	ng/ul	177469	5	21.521	1588580	20.0
11H-Benzo[a]flu...	21.263	2.4	ng/ul	188576	5	21.521	1588580	20.0
unknown-02	23.278	3.1	ng/ul	115098	6	24.612	738209	20.0
Benzo[e]pyrene	23.883	3.5	ng/ul	130273	6	24.612	738209	20.0
unknown-03	24.330	12.8	ng/ul	472972	6	24.612	738209	20.0