LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5Y3

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: BG061282.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	11	rVV	16446	16641	0.98%	0.122%
2	3.082	11	16	38	rVB	1087006	1698131	100.00%	12.463%
3	3.751	125	130	136	rBV3	16632	31688	1.87%	0.233%
4	3.863	144	149	155	rVB	19334	28925	1.70%	0.212%
5	4.309	219	225	231	rBV	22784	32291	1.90%	0.237%
6	4.715	288	294	299	rBV	16894	25311	1.49%	0.186%
7	7.065	687	694	704	rVB	33608	55180	3.25%	0.405%
8	7.212	713	719	727	rVB2	21865	34754	2.05%	0.255%
9	7.418	748	754	761	rBV	31110	49516	2.92%	0.363%
10	7.882	825	833	841	rVB	85523	140100	8.25%	1.028%
11	8.599	948	955	962	rBV2	28515	45298	2.67%	0.332%
12	9.039	1021	1030	1038	rVB2	32511	55696	3.28%	0.409%
13	9.762	1147	1153	1160	rBV2	30802	49894	2.94%	0.366%
14	10.308	1237	1246	1255	rBV2	38062	70384	4.14%	0.517%
15	10.679	1302	1309	1316	rBV	120621	212398	12.51%	1.559%
16	10.814	1327	1332	1339	rBV3	16750	30369	1.79%	0.223%
17	11.419	1429	1435	1440	rBV3	9366	15031	0.89%	0.110%
18	13.922	1853	1861	1869	rVB	95032	133741	7.88%	0.982%
19	14.210	1904	1910	1918	rBV	92365	144689	8.52%	1.062%
20	14.521	1952	1963	1969	rBV	229548	357089	21.03%	2.621%
21	14.580	1969	1973	1979	rVB2	12699	18802	1.11%	0.138%
22	14.750	1998	2002	2009	rVB5	21055	41044	2.42%	0.301%
23	15.514	2126	2132	2137	rBV	133218	196341	11.56%	1.441%
24	15.567	2137	2141	2146	rVV2	16066	20807	1.23%	0.153%
25	15.643	2150	2154	2160	rBV2	38183	57375	3.38%	0.421%
26	16.918	2366	2371	2378	rVB2	14868	23434	1.38%	0.172%
27	17.024	2378	2389	2393	rBV7	7767	16691	0.98%	0.122%
28	17.089	2393	2400	2409	rVB	12392	19070	1.12%	0.140%
29	17.265	2424	2430	2434	rBV	317554	500338	29.46%	3.672%
30	17.306	2434	2437	2442	rVV	284304	413872	24.37%	3.037%
31	17.365	2442	2447	2451	rVV	160877	240572	14.17%	1.766%
32	17.400	2451	2453	2458	rVB	44738	54410	3.20%	0.399%
33	17.670	2491	2499	2503	rBV3	28144	46419	2.73%	0.341%
34	18.140	2571	2579	2583	rBV	38415	57413	3.38%	0.421%
35	18.193	2583	2588	2592	rVV2	50632	77804	4.58%	0.571%
36	18.228	2592	2594	2598	rVV	11931	13840	0.82%	0.102%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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	18.275	2598	2602	2605	rVB2	11665	15537	0.91%	0.114%
38	18.340	2605	2613	2617	rBV3	48365	95288	5.61%	0.699%
39	18.375	2617	2619	2625	rVB	25637	29682	1.75%	0.218%
40	18.640	2660	2664	2668	rBV	29361	42917	2.53%	0.315%
41	18.687	2668	2672	2677	rVB	34751	49147	2.89%	0.361%
42	18.887	2703	2706	2710	rVV2	12454	15408	0.91%	0.113%
43	19.063	2730	2736	2742	rBV4	27280	56620	3.33%	0.416%
44	19.122	2742	2746	2750	rVV6	14078	28817	1.70%	0.211%
45	19.204	2755	2760	2767	rVV2	26945	46660	2.75%	0.342%
46	19.321	2772	2780	2787	rVB	529564	740491	43.61%	5.435%
47	19.421	2794	2797	2802	rVB4	13105	17607	1.04%	0.129%
48	19.521	2810	2814	2819	rBV6	11844	24810	1.46%	0.182%
49	19.568	2819	2822	2831	rVB2	21033	34843	2.05%	0.256%
50	19.656	2831	2837	2839	rBV2	282114	413974	24.38%	3.038%
51	19.686	2839	2842	2849	rVB	447917	604936	35.62%	4.440%
52	19.756	2849	2854	2858	rBV2	25539	37341	2.20%	0.274%
53	19.862	2865	2872	2878	rBV	26489	49984	2.94%	0.367%
54	19.926	2878	2883	2887	rVB	25025	37618	2.22%	0.276%
55	20.003	2891	2896	2904	rBV4	32712	86251	5.08%	0.633%
56	20.144	2914	2920	2921	rBV6	27528	39601	2.33%	0.291%
57	20.179	2923	2926	2932	rVB2	53497	82660	4.87%	0.607%
58	20.279	2939	2943	2946	rBV	27280	32092	1.89%	0.236%
59	20.338	2946	2953	2957	rVV2	47943	82945	4.88%	0.609%
60	20.373	2957	2959	2963	rVB5	12515	15743	0.93%	0.116%
61	20.479	2972	2977	2981	rBV	27388	41280	2.43%	0.303%
62	20.520	2981	2984	2988	rVV3	29476	39816	2.34%	0.292%
63	20.573	2989	2993	2998	rVB	31957	43144	2.54%	0.317%
64	20.632	3000	3003	3008	rVB6	16712	24461	1.44%	0.180%
65	20.731	3017	3020	3024	rBV6	19513	28490	1.68%	0.209%
66	20.931	3050	3054	3061	rVB	57787	88531	5.21%	0.650%
67	21.107	3076	3084	3088	rBV4	52201	118170	6.96%	0.867%
68	21.154	3088	3092	3094	rVV	48667	76966	4.53%	0.565%
69	21.196	3094	3099	3105	rVV4	71959	198864	11.71%	1.459%
70	21.254	3105	3109	3123	rVB	70276	142790	8.41%	1.048%
71	21.384	3123	3131	3132	rBV4	15508	28873	1.70%	0.212%
72	21.413	3132	3136	3141	rVB2	111801	150542	8.87%	1.105%
73	21.513	3144	3153	3158	rVV2	448626	1042311	61.38%	7.650%
74	21.560	3158	3161	3172	rVB	217206	366366	21.57%	2.689%
75	21.666	3174	3179	3182	rBV6	12274	24789	1.46%	0.182%
76	21.713	3182	3187	3194	rVV3	34595	59412	3.50%	0.436%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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	21.848	3208	3210	3216	rVB2	18516	23789	1.40%	0.175%
78	21.912	3216	3221	3227	rBV5	29733	60476	3.56%	0.444%
79	21.971	3229	3231	3236	rVB6	14220	19307	1.14%	0.142%
80	22.153	3258	3262	3266	rVB7	12816	18652	1.10%	0.137%
81	22.224	3268	3274	3279	rVB	39746	77681	4.57%	0.570%
82	22.294	3281	3286	3291	rBV4	61861	97182	5.72%	0.713%
83	22.488	3314	3319	3322	rBV3	21572	39105	2.30%	0.287%
84	22.929	3389	3394	3404	rVB6	30587	85292	5.02%	0.626%
85	23.046	3410	3414	3419	rBV8	8357	16127	0.95%	0.118%
86	23.628	3504	3513	3521	rBV2	171292	560173	32.99%	4.111%
87	23.875	3549	3555	3564	rBV	26157	58617	3.45%	0.430%
88	24.080	3584	3590	3592	rBV6	13263	29231	1.72%	0.215%
89	24.321	3623	3631	3637	rBV	83715	226657	13.35%	1.663%
90	24.392	3637	3643	3648	rVV2	112128	276953	16.31%	2.033%
91	24.456	3648	3654	3665	rVB2	132606	359557	21.17%	2.639%
92	24.609	3670	3680	3687	rBV2	236236	651150	38.35%	4.779%
93	25.120	3762	3767	3776	rVB2	23354	60234	3.55%	0.442%
94	25.708	3859	3867	3878	rVB2	40438	114925	6.77%	0.843%
95	26.977	4077	4083	4085	rBV4	16921	31523	1.86%	0.231%
96	28.099	4263	4274	4290	rVB4	59078	274416	16.16%	2.014%
97	28.540	4341	4349	4360	rVB8	28856	111933	6.59%	0.821%
98	28.699	4368	4376	4378	rBV9	9897	25067	1.48%	0.184%
99	29.186	4447	4459	4469	rVV3	47266	207424	12.21%	1.522%
100	30.908	4750	4752	4765	rVB3	8874	18963	1.12%	0.139%

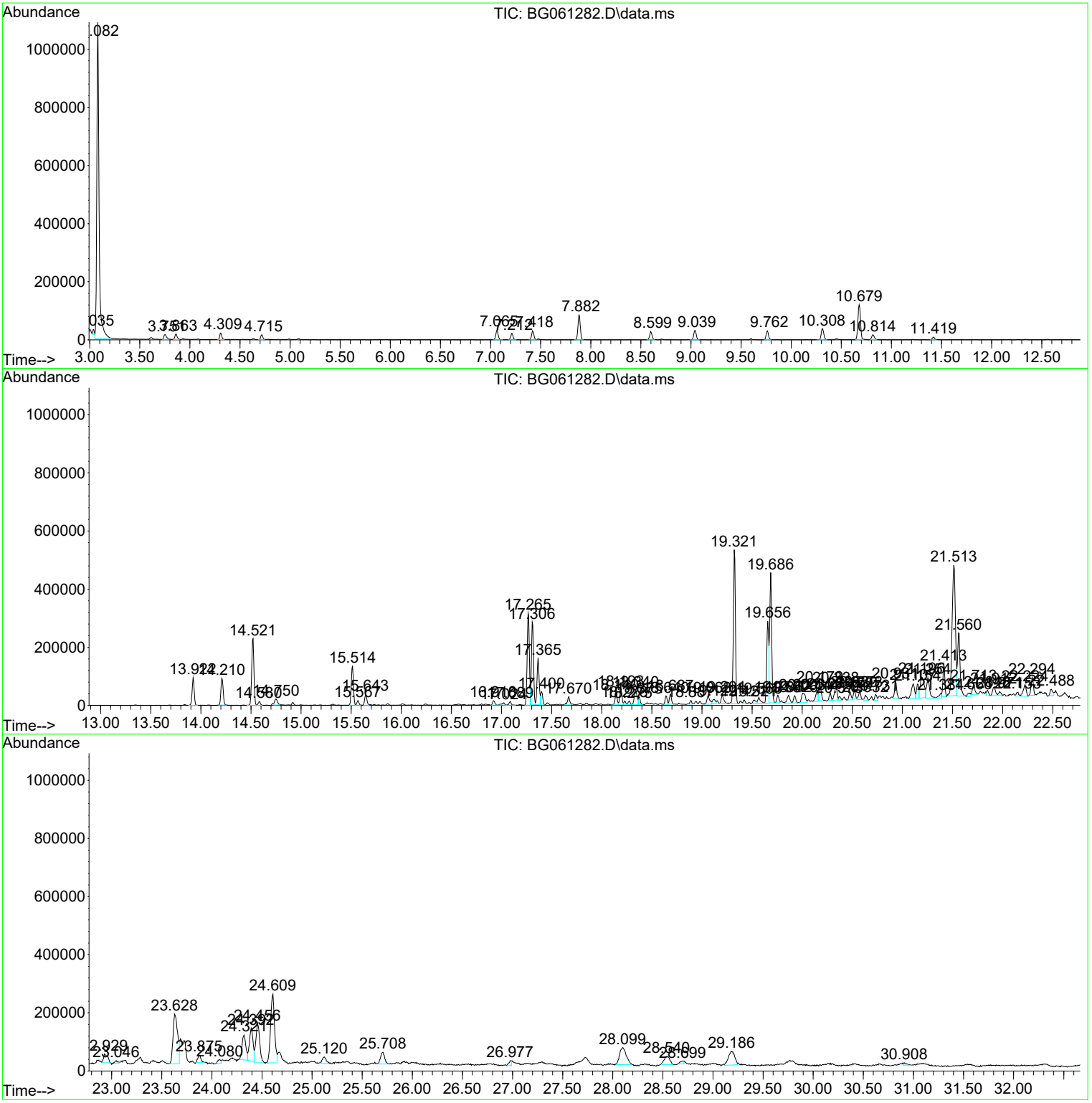
Sum of corrected areas: 13625569

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

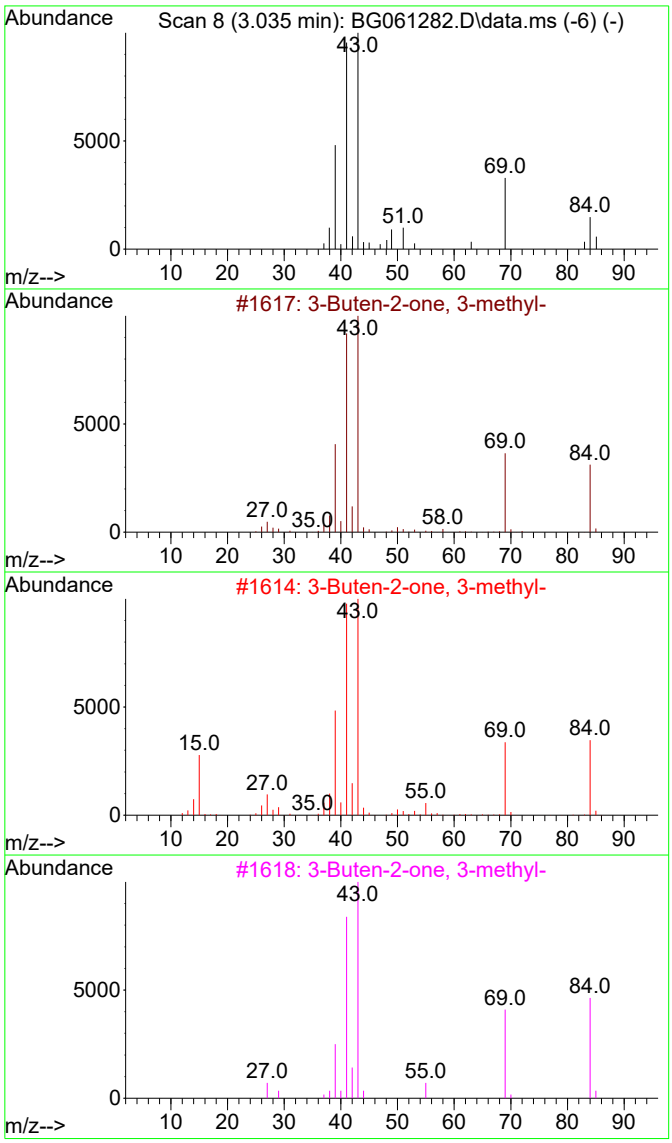
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

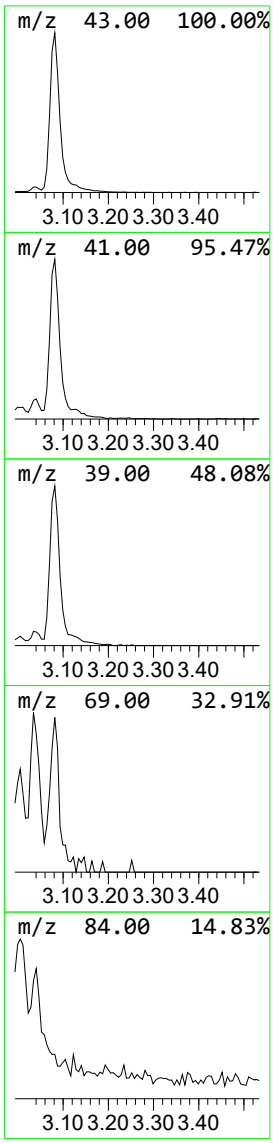
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.035	2.38 ng/ul	16641	1,4-Dichlorobenzene-d4	7.888

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	59
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	45
3	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	25
4	4-Penten-2-one	84	C5H8O	013891-87-7	9
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

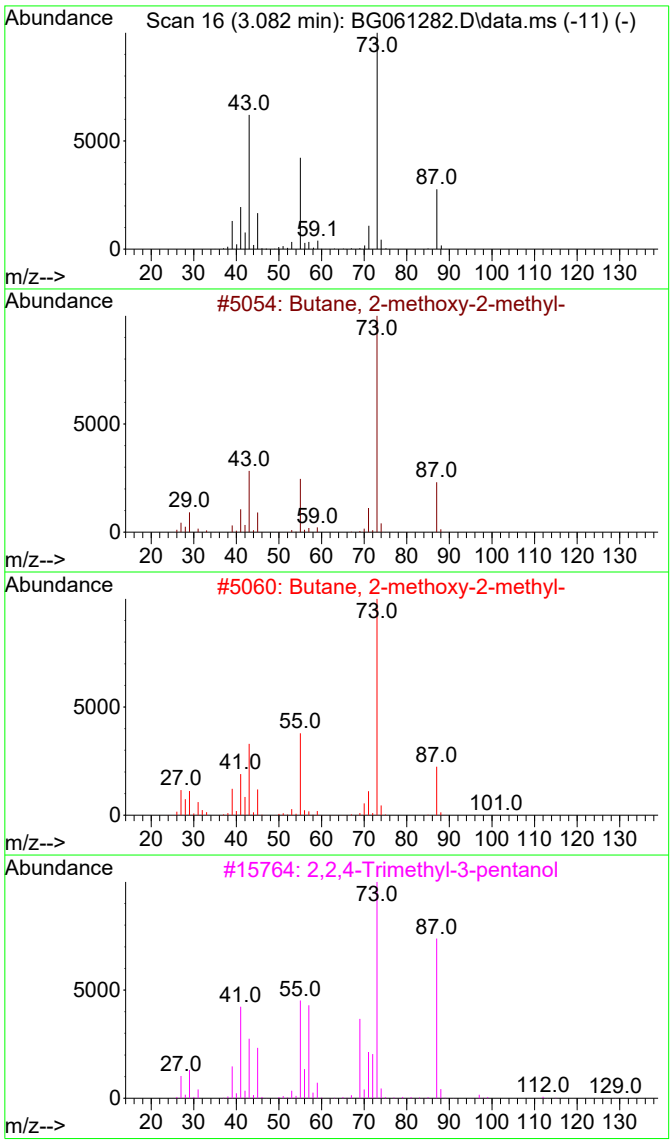
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

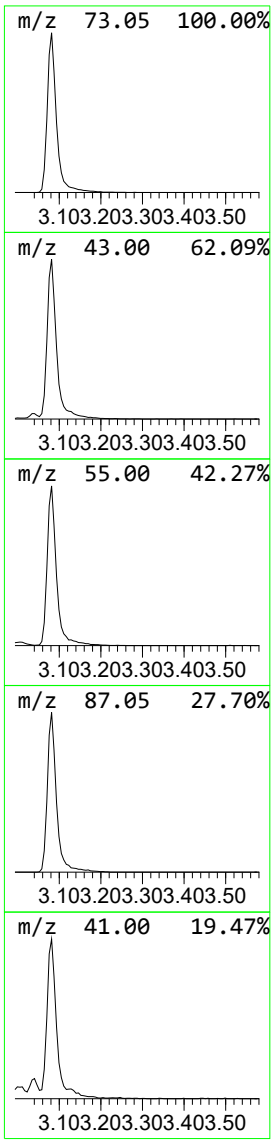
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.082	242.42 ng/ul	1698130	1,4-Dichlorobenzene-d4	7.888

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	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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

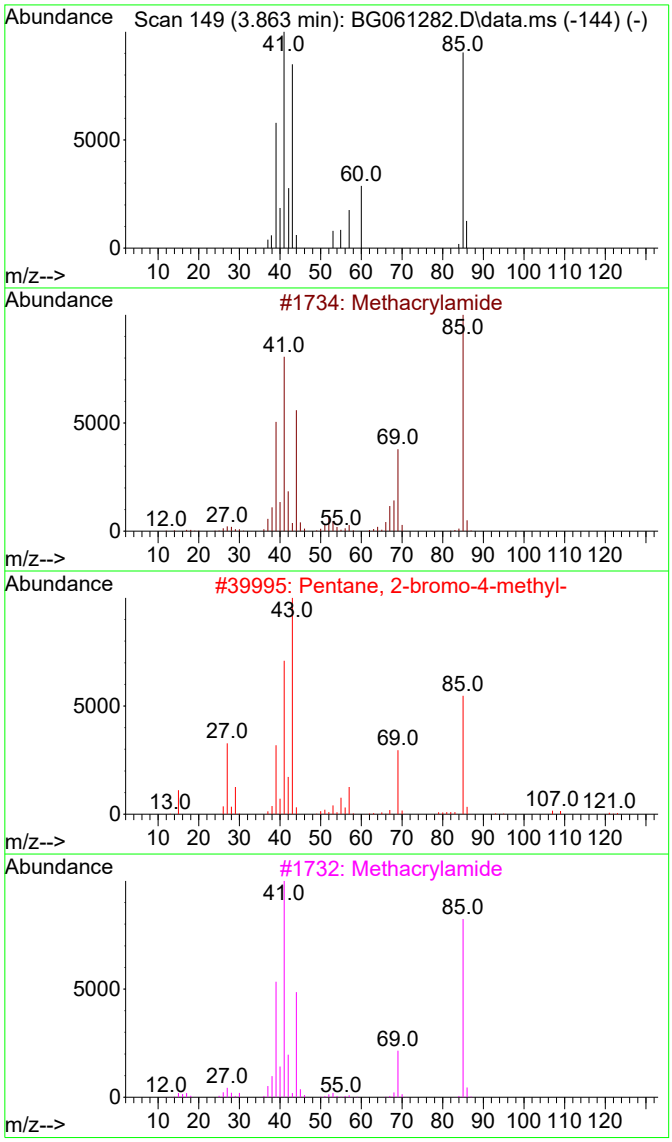
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

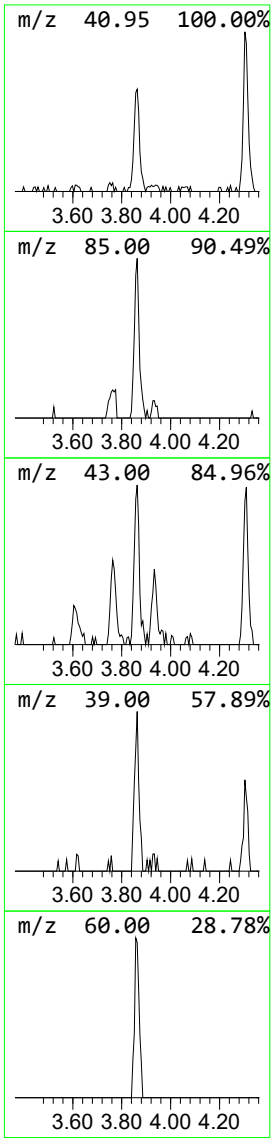
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.863	4.13 ng/ul	28925	1,4-Dichlorobenzene-d4	7.888

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	42
2	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	38
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	28
5	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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

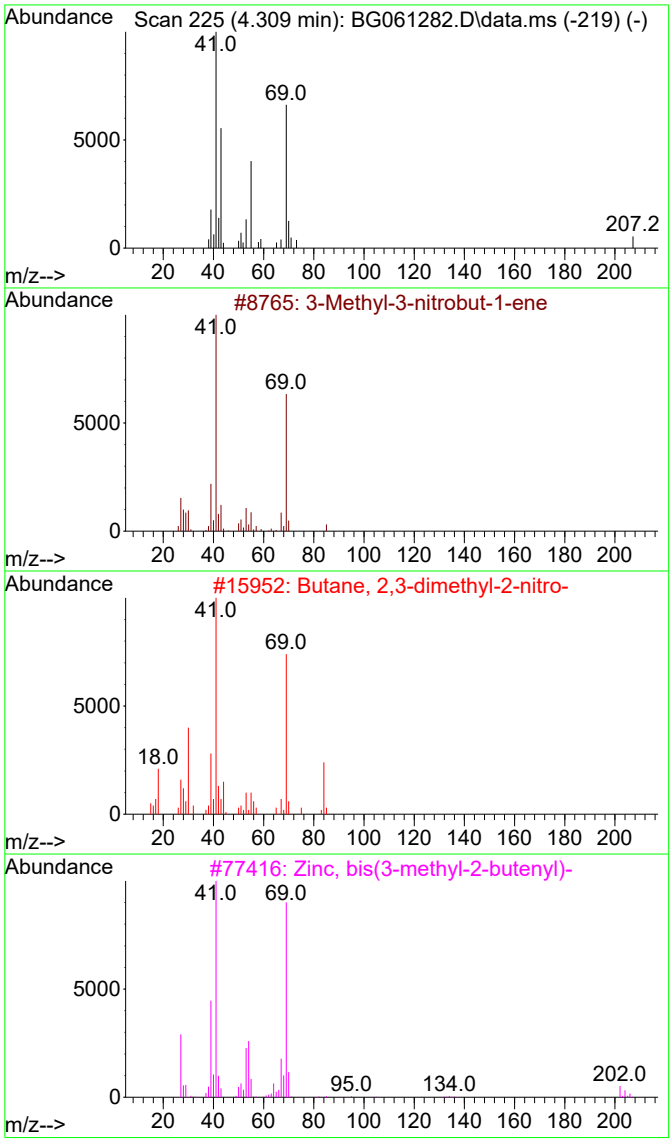
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

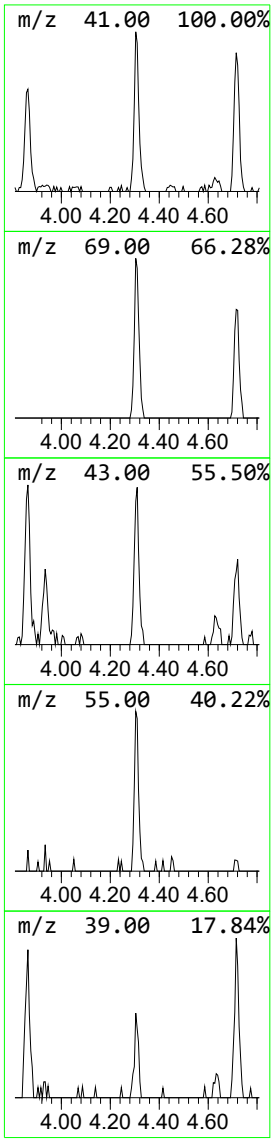
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.309	4.61 ng/ul	32291	1,4-Dichlorobenzene-d4	7.888

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-nitrobut-1-ene	115	C5H9NO2	001809-67-2	33
2	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	28
3	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	28
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	25
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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

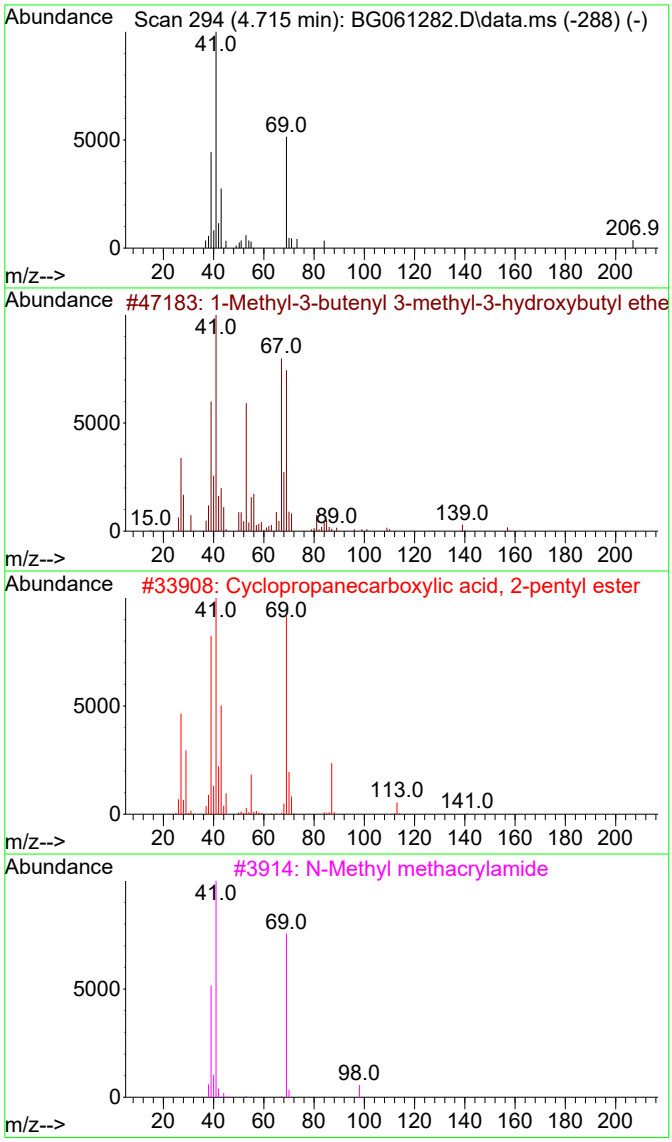
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

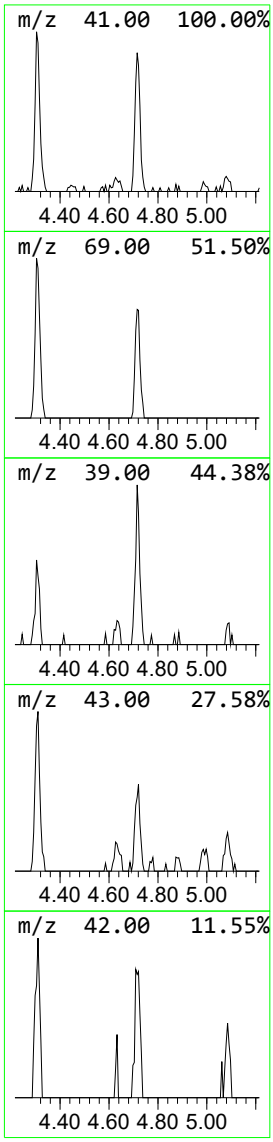
****

Peak Number 5 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.715	3.61 ng/ul	25311	1,4-Dichlorobenzene-d4	7.888

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-butenyl 3-methyl-3-hy...	172	C10H20O2	1010139-77-4	39
2	Cyclopropanecarboxylic acid, 2-p...	156	C9H16O2	1000278-80-0	38
3	N-Methyl methacrylamide	99	C5H9NO	003887-02-3	36
4	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	36
5	2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	000589-66-2	28





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Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

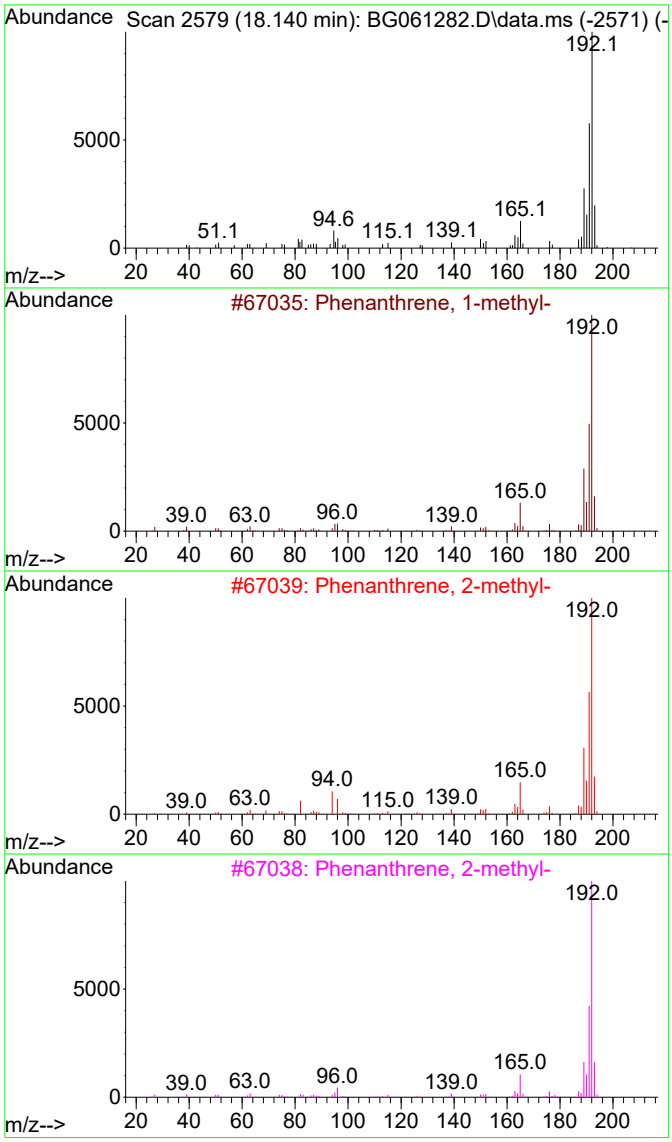
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

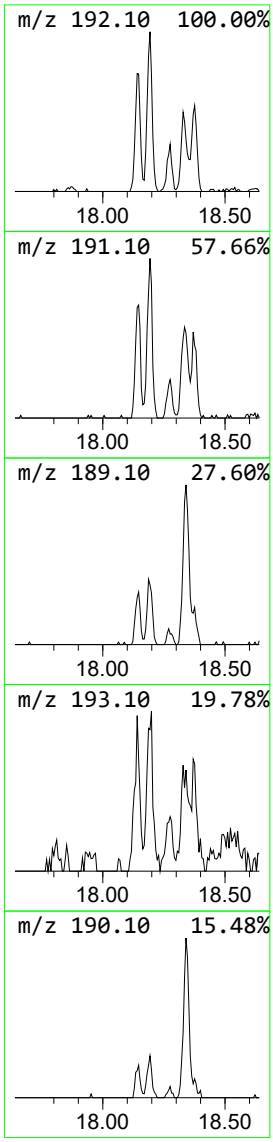
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	2.29 ng/ul	57413	Phenanthrene-d10	17.265

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	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

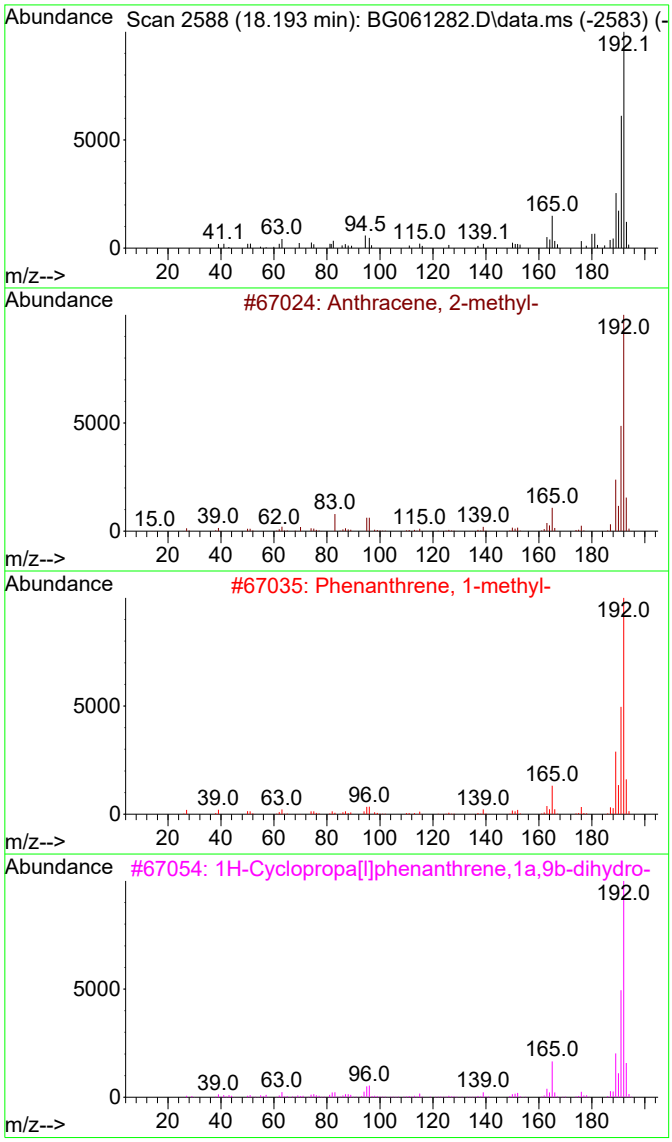
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

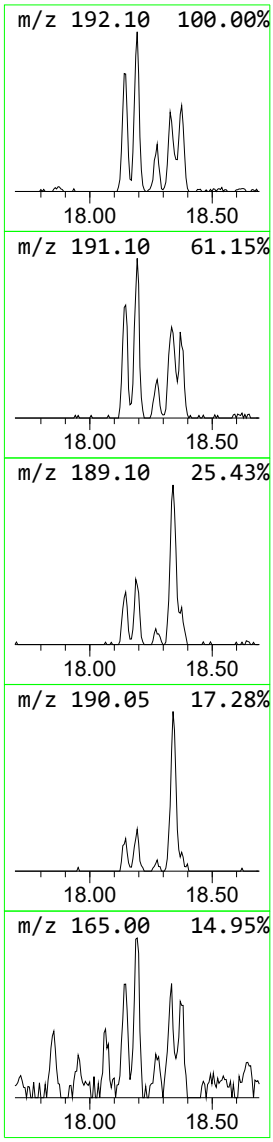
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.193	3.11 ng/ul	77804	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

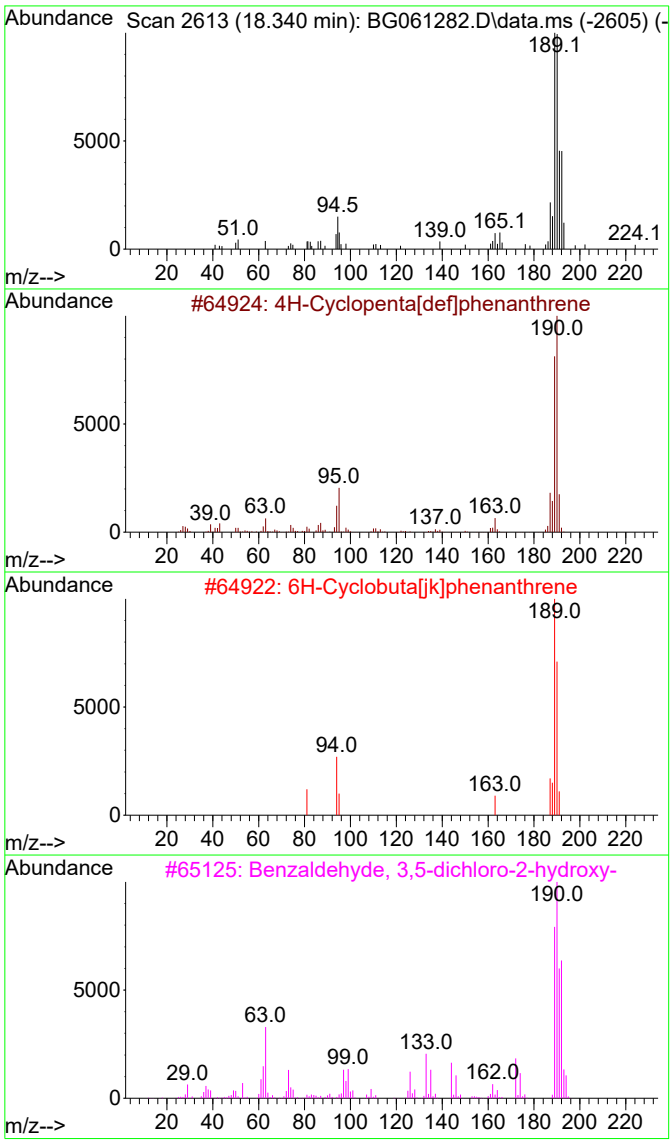
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

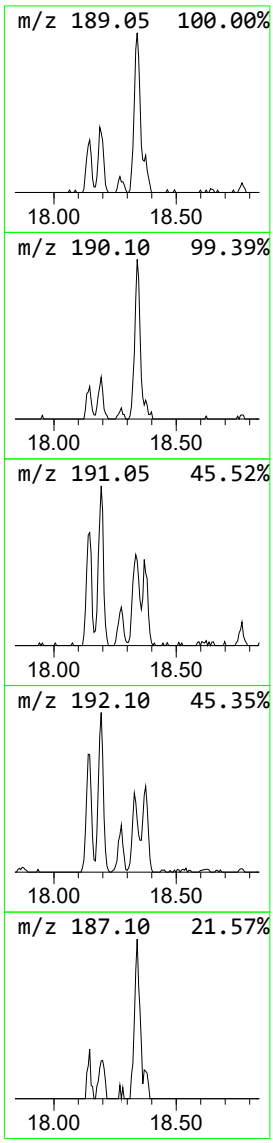
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	3.81 ng/ul	95288	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50





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Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

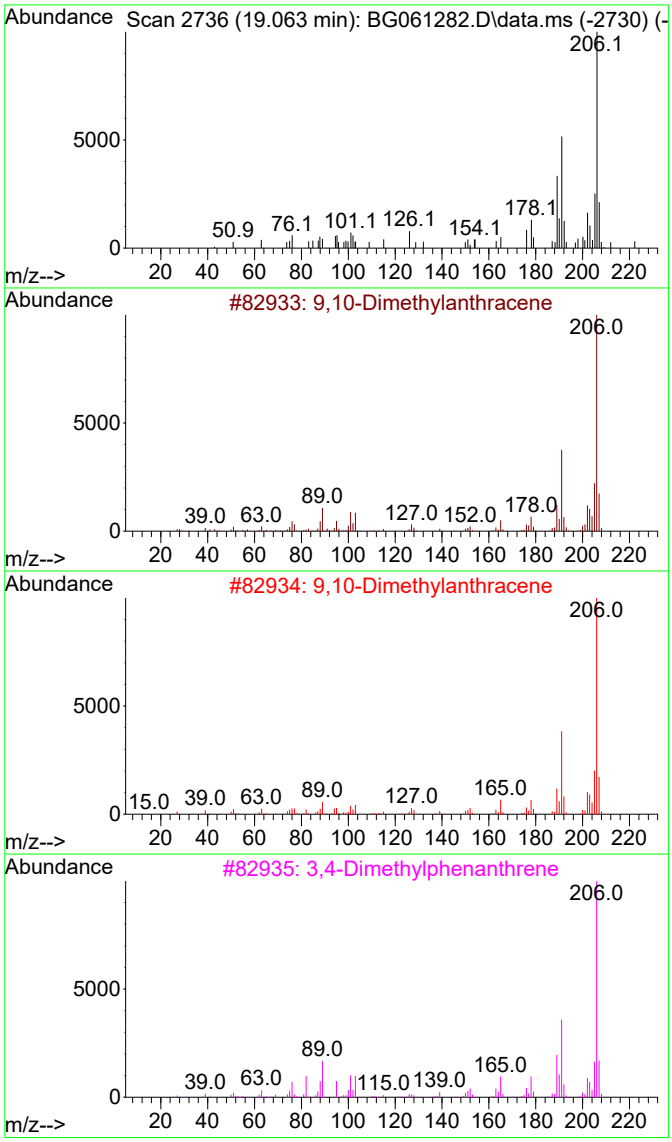
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

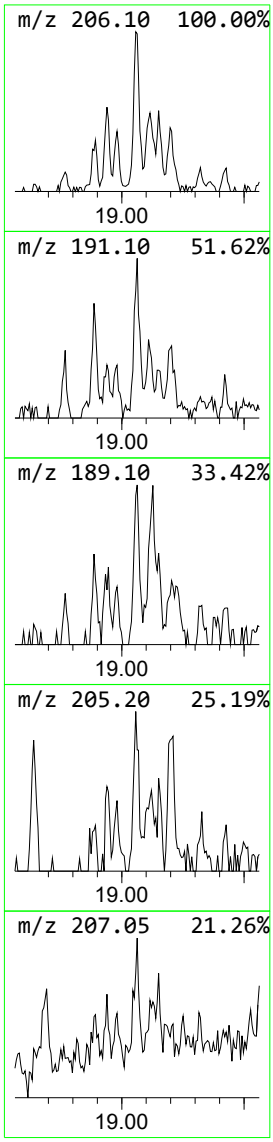
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	2.26 ng/ul	56620	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

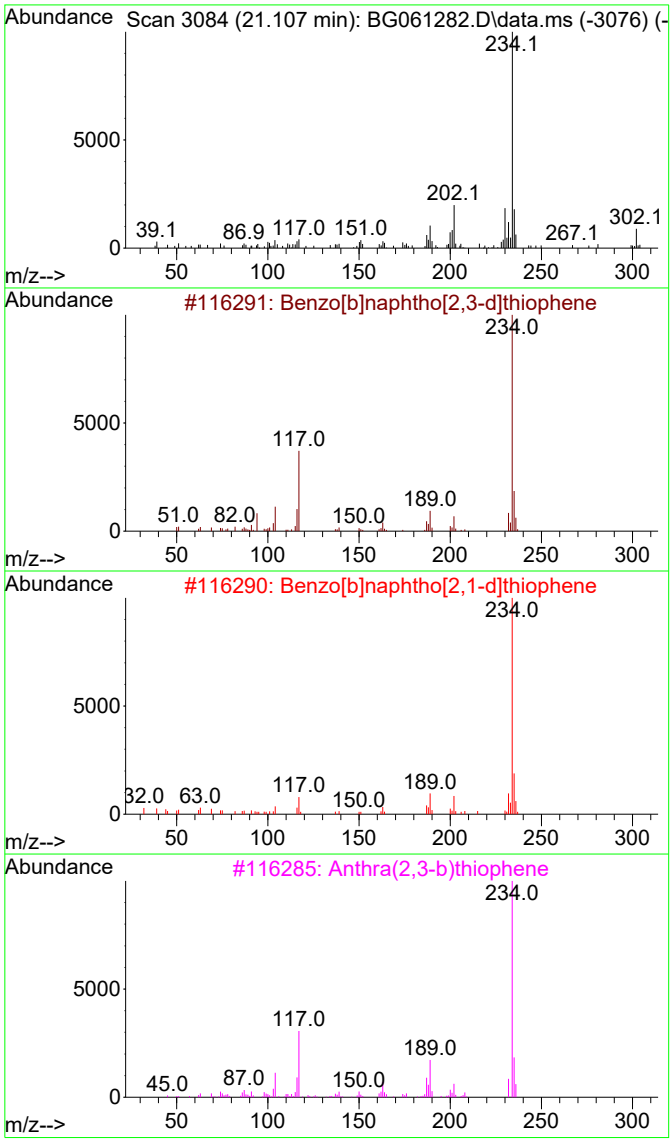
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

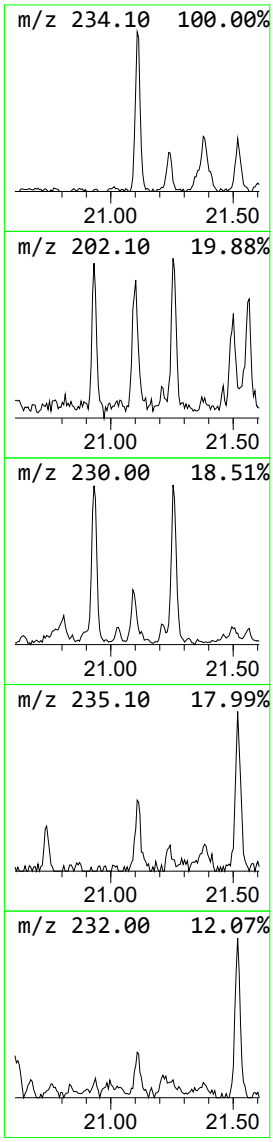
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.108	2.27 ng/ul	118170	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	76
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	74
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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

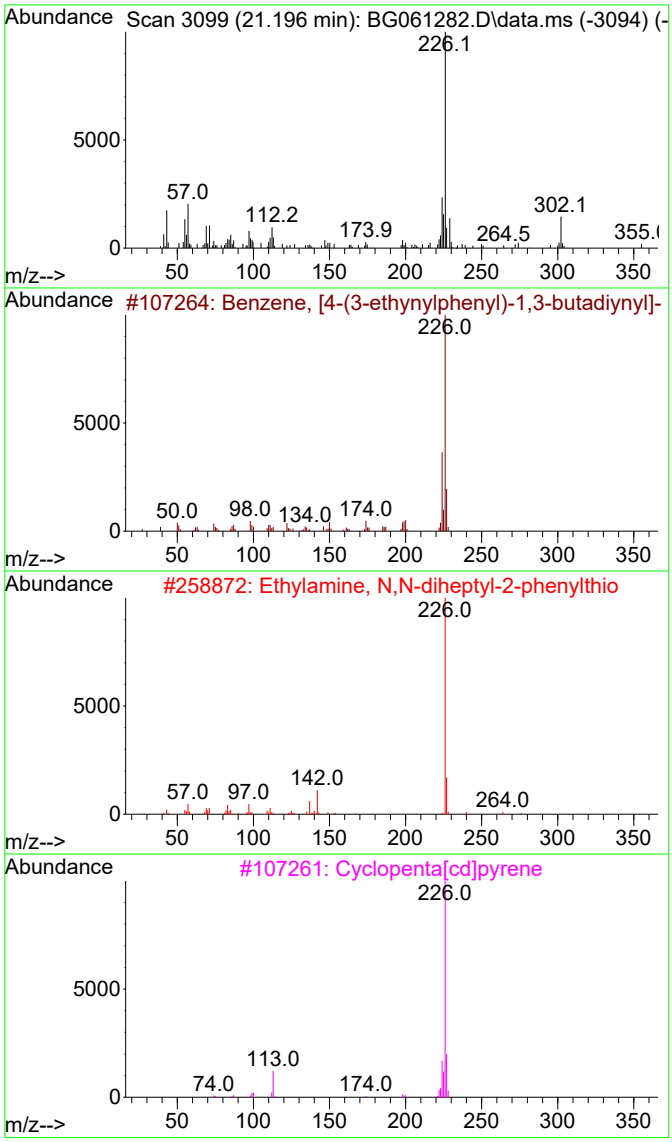
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

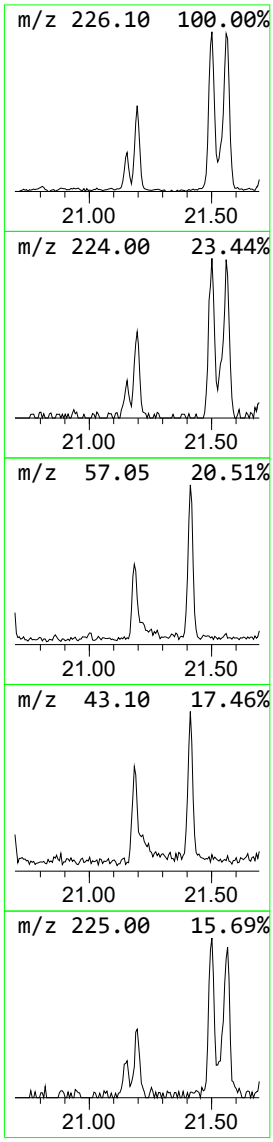
****

Peak Number 11 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.196	3.82 ng/ul	198864	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
2	Ethylamine, N,N-diheptyl-2-pheny...	349	C22H39NS	1010310-32-6	38
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	37
5	Imidazole, 5-methyl-4-trifluorom...	226	C11H9F3N2	081769-66-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

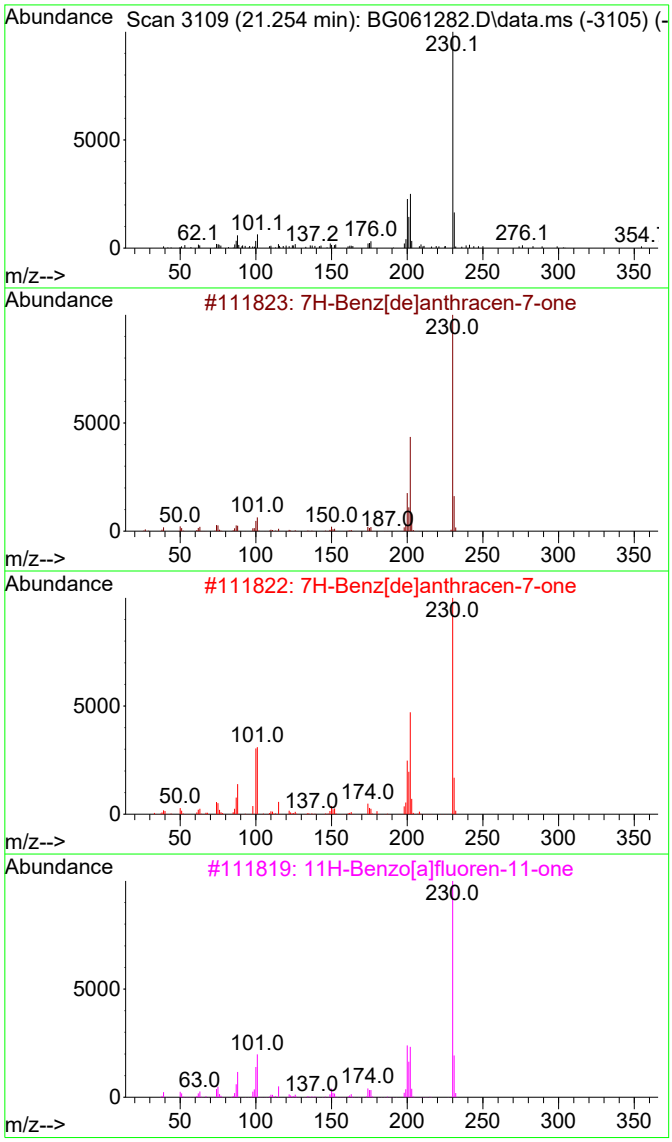
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

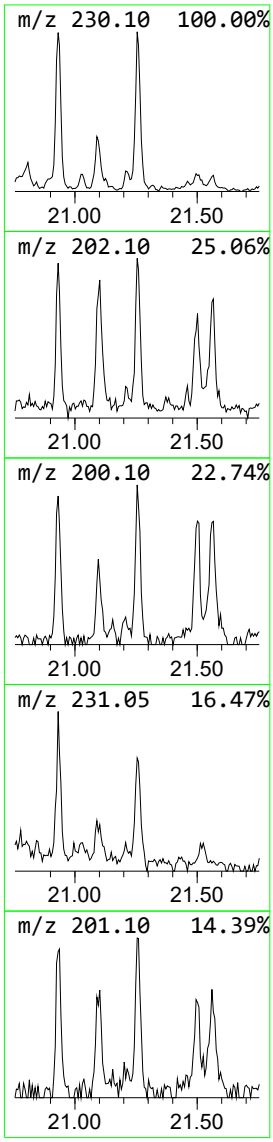
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.254	2.74 ng/ul	142790	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59





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Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

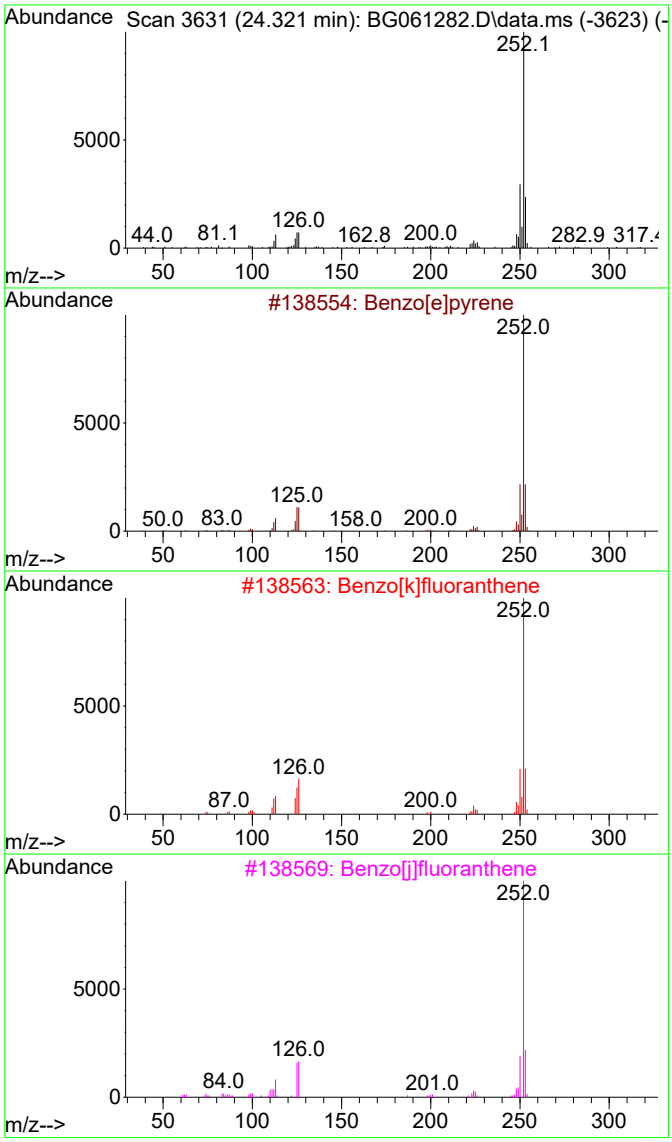
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

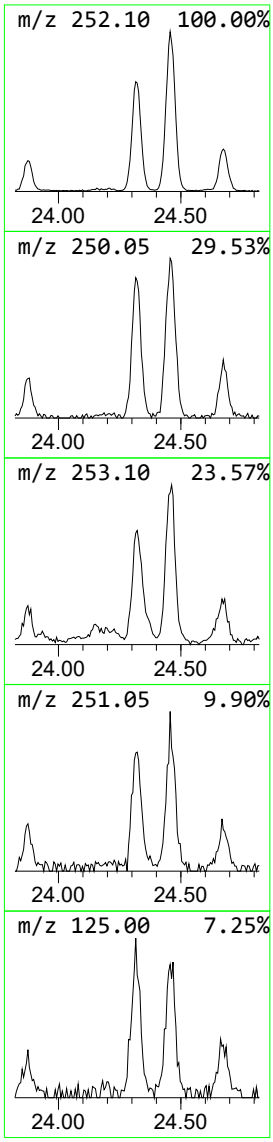
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.321	6.96 ng/ul	226657	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

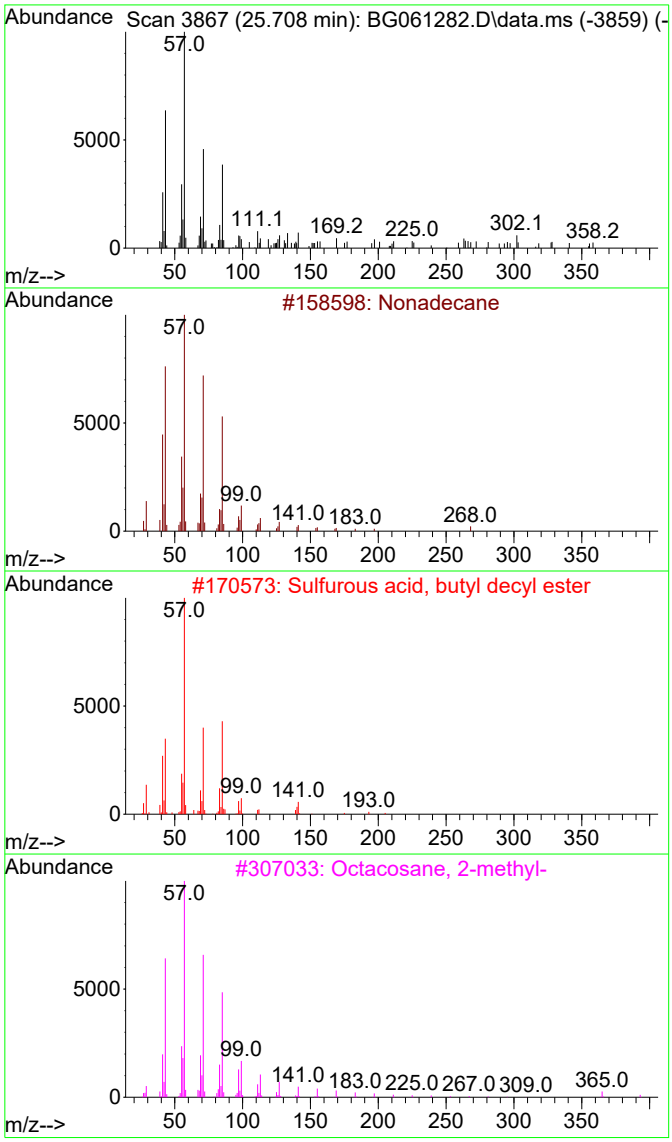
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

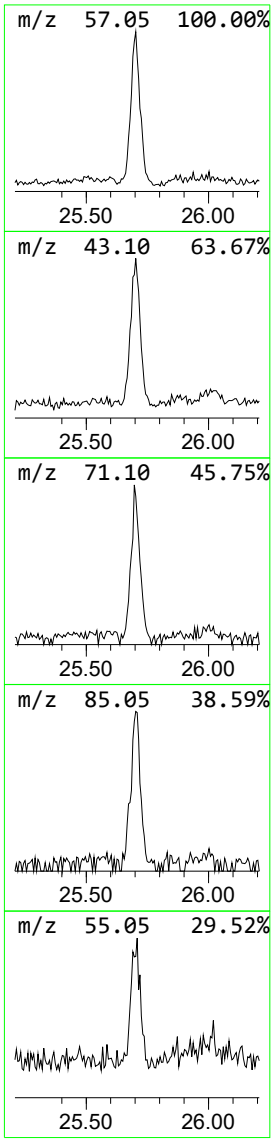
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.708	3.53 ng/ul	114925	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
5	Nonadecane	268	C19H40	000629-92-5	70





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Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

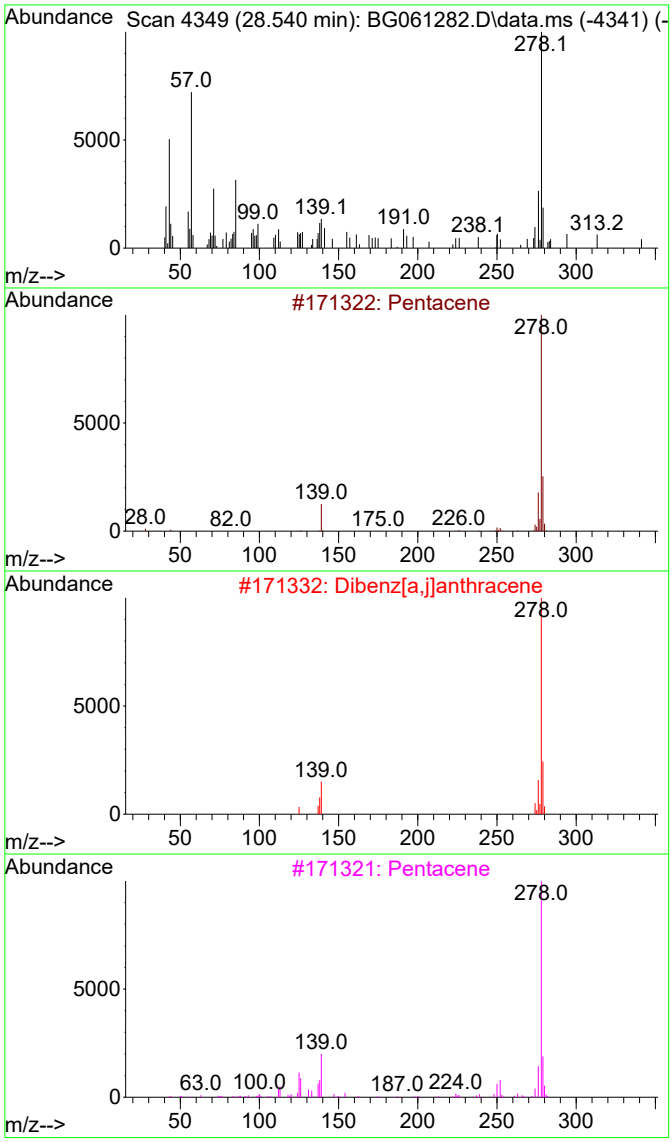
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

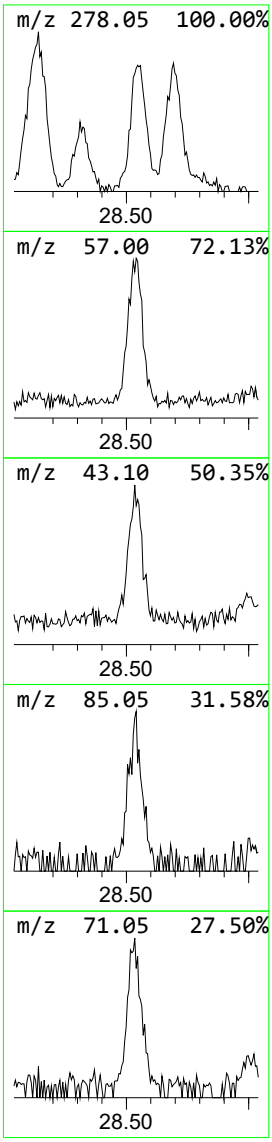
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.540	3.44 ng/ul	111933	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	52
2	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	50
3	Pentacene	278	C22H14	000135-48-8	49
4	Picene	278	C22H14	000213-46-7	49
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

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
3-Buten-2-one, ...	3.035	2.4	ng/ul	16641	1	7.888	140100	20.0
Butane, 2-metho...	3.082	242.4	ng/ul	1698130	1	7.888	140100	20.0
unknown-01	3.863	4.1	ng/ul	28925	1	7.888	140100	20.0
unknown-02	4.309	4.6	ng/ul	32291	1	7.888	140100	20.0
unknown-03	4.715	3.6	ng/ul	25311	1	7.888	140100	20.0
Phenanthrene, 1...	18.140	2.3	ng/ul	57413	4	17.265	500338	20.0
Anthracene, 2-m...	18.193	3.1	ng/ul	77804	4	17.265	500338	20.0
4H-Cyclopenta[d...	18.340	3.8	ng/ul	95288	4	17.265	500338	20.0
9,10-Dimethylan...	19.063	2.3	ng/ul	56620	4	17.265	500338	20.0
Benzo[b]naphtho...	21.108	2.3	ng/ul	118170	5	21.519	1042310	20.0
unknown-04	21.196	3.8	ng/ul	198864	5	21.519	1042310	20.0
7H-Benz[de]anth...	21.254	2.7	ng/ul	142790	5	21.519	1042310	20.0
Benzo[e]pyrene	24.321	7.0	ng/ul	226657	6	24.609	651150	20.0
(DEL) Alkane: S...	25.708	3.5	ng/ul	114925	6	24.609	651150	20.0
Pentacene	28.540	3.4	ng/ul	111933	6	24.609	651150	20.0