LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH667

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: BG061353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.041	5	9	11	rBV	87368	109148	5.56%	0.595%
2	3.082	11	16	22	rVV	1313007	1963037	100.00%	10.707%
3	3.752	123	130	141	rBV3	21556	49225	2.51%	0.268%
4	3.858	143	148	157	rVV	58799	92296	4.70%	0.503%
5	4.304	218	224	230	rBV	47353	69903	3.56%	0.381%
6	4.715	288	294	301	rBV	25467	38108	1.94%	0.208%
7	5.086	352	357	367	rVB2	15872	28445	1.45%	0.155%
8	7.066	688	694	706	rVB	95385	170225	8.67%	0.928%
9	7.213	712	719	727	rBV	67550	106000	5.40%	0.578%
10	7.418	749	754	761	rBV	96315	159307	8.12%	0.869%
11	7.882	826	833	839	rVB	102323	169586	8.64%	0.925%
12	8.599	949	955	962	rBV	47423	80965	4.12%	0.442%
13	9.040	1022	1030	1036	rVB	104511	180781	9.21%	0.986%
14	9.592	1118	1124	1131	rVB3	13155	21276	1.08%	0.116%
15	9.757	1145	1152	1158	rBV2	94282	163703	8.34%	0.893%
16	10.309	1240	1246	1254	rBV	130377	219669	11.19%	1.198%
17	10.673	1299	1308	1314	rBV	145608	262128	13.35%	1.430%
18	10.814	1326	1332	1341	rVV2	32199	63856	3.25%	0.348%
19	11.413	1429	1434	1440	rBV3	13974	24666	1.26%	0.135%
20	13.341	1757	1762	1768	rBV2	12734	17970	0.92%	0.098%
21	13.922	1851	1861	1867	rVV	241918	351738	17.92%	1.918%
22	14.210	1899	1910	1919	rBV2	249638	407294	20.75%	2.222%
23	14.416	1940	1945	1951	rBV	11740	15323	0.78%	0.084%
24	14.516	1953	1962	1968	rVV2	246936	374876	19.10%	2.045%
25	14.739	1990	2000	2016	rBV3	136933	375961	19.15%	2.051%
26	14.874	2016	2023	2026	rVV3	12579	22796	1.16%	0.124%
27	14.915	2026	2030	2037	rVV6	8179	15138	0.77%	0.083%
28	15.509	2122	2131	2137	rBV	339900	511337	26.05%	2.789%
29	15.644	2149	2154	2160	rBV	75275	113889	5.80%	0.621%
30	16.231	2250	2254	2262	rBV4	18728	40812	2.08%	0.223%
31	16.919	2366	2371	2377	rBV3	15761	26995	1.38%	0.147%
32	17.019	2384	2388	2393	rVB3	17532	22930	1.17%	0.125%
33	17.077	2394	2398	2410	rVB3	11680	24038	1.22%	0.131%
34	17.265	2421	2430	2433	rBV	287342	453401	23.10%	2.473%
35	17.307	2433	2437	2441	rVB	166990	233319	11.89%	1.273%
36	17.365	2441	2447	2452	rBV	334210	498579	25.40%	2.719%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

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	17.671	2493	2499	2504	rBV2	18509	33295	1.70%	0.182%
38	17.759	2511	2514	2521	rVB3	12243	23098	1.18%	0.126%
39	17.847	2524	2529	2534	rBV4	9678	15688	0.80%	0.086%
40	18.141	2571	2579	2580	rBV	42983	62829	3.20%	0.343%
41	18.170	2580	2584	2586	rBV	57773	81863	4.17%	0.447%
42	18.229	2591	2594	2598	rVV	38547	54249	2.76%	0.296%
43	18.264	2598	2600	2606	rVV6	11104	20772	1.06%	0.113%
44	18.329	2606	2611	2615	rVV3	58999	108055	5.50%	0.589%
45	18.370	2615	2618	2624	rVB	33148	48144	2.45%	0.263%
46	18.458	2626	2633	2636	rBV4	21722	37852	1.93%	0.206%
47	18.493	2636	2639	2643	rVV6	10275	17100	0.87%	0.093%
48	18.640	2659	2664	2667	rVV	33933	51316	2.61%	0.280%
49	18.681	2667	2671	2676	rVB2	50703	66727	3.40%	0.364%
50	18.881	2698	2705	2709	rBV6	21926	39492	2.01%	0.215%
51	18.975	2718	2721	2725	rVB2	12060	16595	0.85%	0.091%
52	19.057	2731	2735	2738	rBV	40474	66696	3.40%	0.364%
53	19.151	2748	2751	2754	rVB4	17665	21122	1.08%	0.115%
54	19.204	2754	2760	2765	rBV3	40758	78451	4.00%	0.428%
55	19.322	2772	2780	2787	rBV	588159	797828	40.64%	4.352%
56	19.381	2787	2790	2793	rVV3	21579	27656	1.41%	0.151%
57	19.439	2793	2800	2809	rVV7	38679	102859	5.24%	0.561%
58	19.516	2810	2813	2818	rVB5	14700	24509	1.25%	0.134%
59	19.563	2818	2821	2826	rBV3	23546	35621	1.81%	0.194%
60	19.657	2831	2837	2839	rBV2	542221	801024	40.81%	4.369%
61	19.686	2839	2842	2849	rVB	502296	674462	34.36%	3.679%
62	19.757	2850	2854	2857	rBV4	32807	49297	2.51%	0.269%
63	19.921	2878	2882	2885	rBV3	16707	22839	1.16%	0.125%
64	19.951	2885	2887	2891	rVB	16943	17405	0.89%	0.095%
65	20.003	2891	2896	2904	rBV2	45484	130562	6.65%	0.712%
66	20.097	2909	2912	2914	rVV4	20119	23583	1.20%	0.129%
67	20.144	2916	2920	2921	rVV4	33355	46978	2.39%	0.256%
68	20.174	2922	2925	2935	rVB2	77569	159420	8.12%	0.870%
69	20.274	2939	2942	2946	rVV	36229	47758	2.43%	0.260%
70	20.338	2948	2953	2956	rVV2	59361	98135	5.00%	0.535%
71	20.374	2957	2959	2963	rVB5	18299	17340	0.88%	0.095%
72	20.473	2973	2976	2979	rBV	33579	42897	2.19%	0.234%
73	20.520	2981	2984	2988	rVB	40549	50717	2.58%	0.277%
74	20.573	2989	2993	2996	rVB	75300	83628	4.26%	0.456%
75	20.685	3007	3012	3015	rBV2	41329	58886	3.00%	0.321%
76	20.732	3017	3020	3023	rBV4	28730	35563	1.81%	0.194%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH667

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	20.932	3050	3054	3059	rVB	76854	108203	5.51%	0.590%
78	21.108	3078	3084	3087	rBV2	56522	100678	5.13%	0.549%
79	21.143	3087	3090	3093	rVV	53984	84116	4.28%	0.459%
80	21.184	3093	3097	3105	rVV4	116945	287776	14.66%	1.570%
81	21.255	3106	3109	3118	rVB2	76652	130853	6.67%	0.714%
82	21.408	3131	3135	3141	rVB	350014	464870	23.68%	2.536%
83	21.513	3145	3153	3158	rVV4	435844	1106318	56.36%	6.034%
84	21.560	3158	3161	3172	rVB	281824	452133	23.03%	2.466%
85	21.701	3182	3185	3192	rBV	64817	97910	4.99%	0.534%
86	21.907	3215	3220	3228	rVB3	36884	84360	4.30%	0.460%
87	22.289	3281	3285	3291	rBV3	81208	145776	7.43%	0.795%
88	22.489	3315	3319	3322	rBV5	26132	37204	1.90%	0.203%
89	22.647	3343	3346	3354	rVB2	91781	150910	7.69%	0.823%
90	22.929	3389	3394	3404	rVB5	80559	209696	10.68%	1.144%
91	23.282	3450	3454	3460	rVB7	46162	84872	4.32%	0.463%
92	23.629	3506	3513	3521	rBV	218245	712217	36.28%	3.885%
93	24.322	3624	3631	3636	rBV2	108383	264671	13.48%	1.444%
94	24.392	3637	3643	3649	rVV2	221963	567583	28.91%	3.096%
95	24.457	3649	3654	3667	rVB	172704	451944	23.02%	2.465%
96	24.604	3671	3679	3687	rBV	211806	563032	28.68%	3.071%
97	25.685	3857	3863	3877	rVB3	61180	193437	9.85%	1.055%
98	28.100	4265	4274	4290	rVB4	64730	282211	14.38%	1.539%
99	28.517	4340	4345	4347	rBV5	20334	37375	1.90%	0.204%
100	29.175	4451	4457	4458	rBV2	31618	44890	2.29%	0.245%

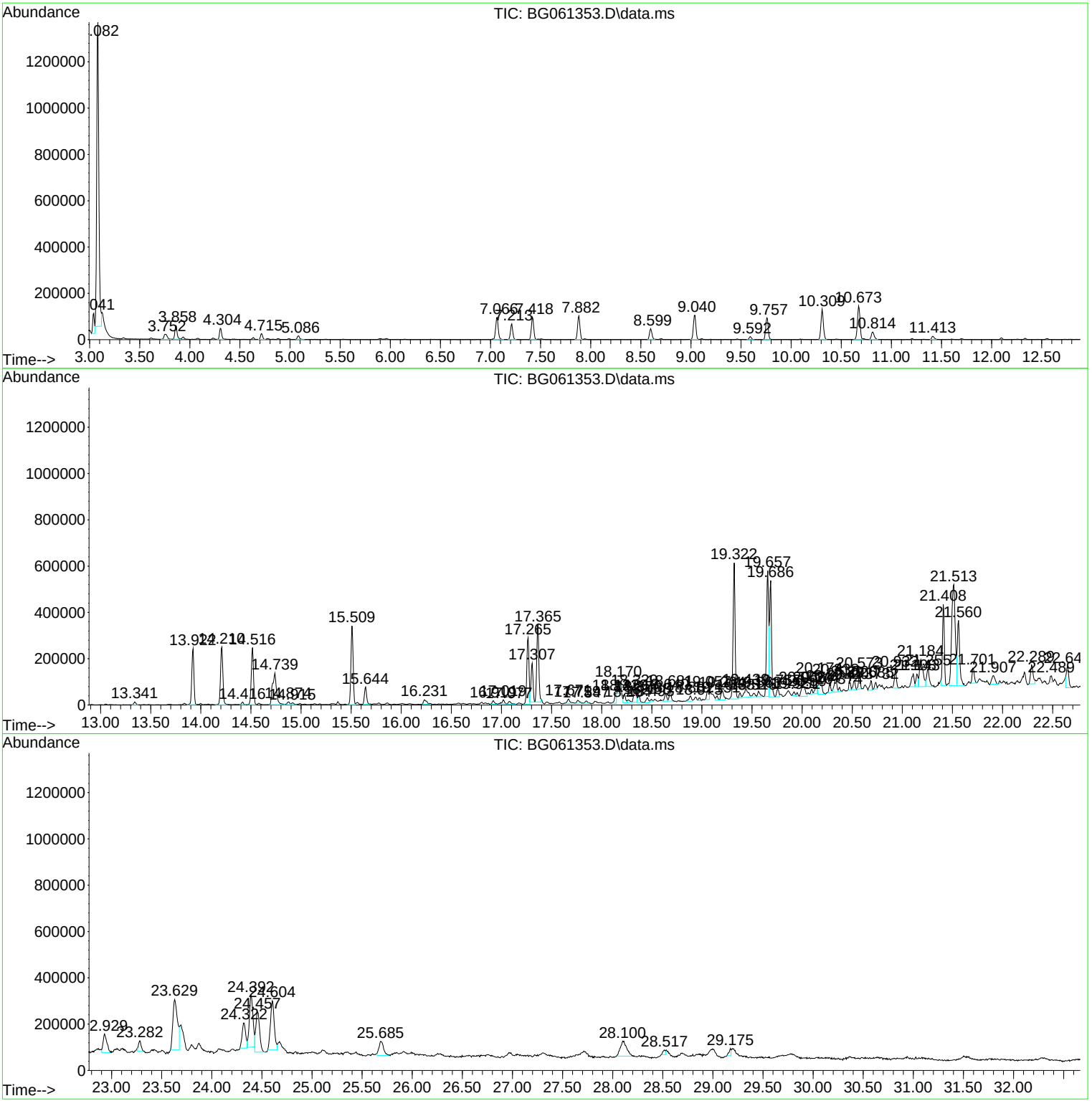
Sum of corrected areas: 18334066

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

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\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

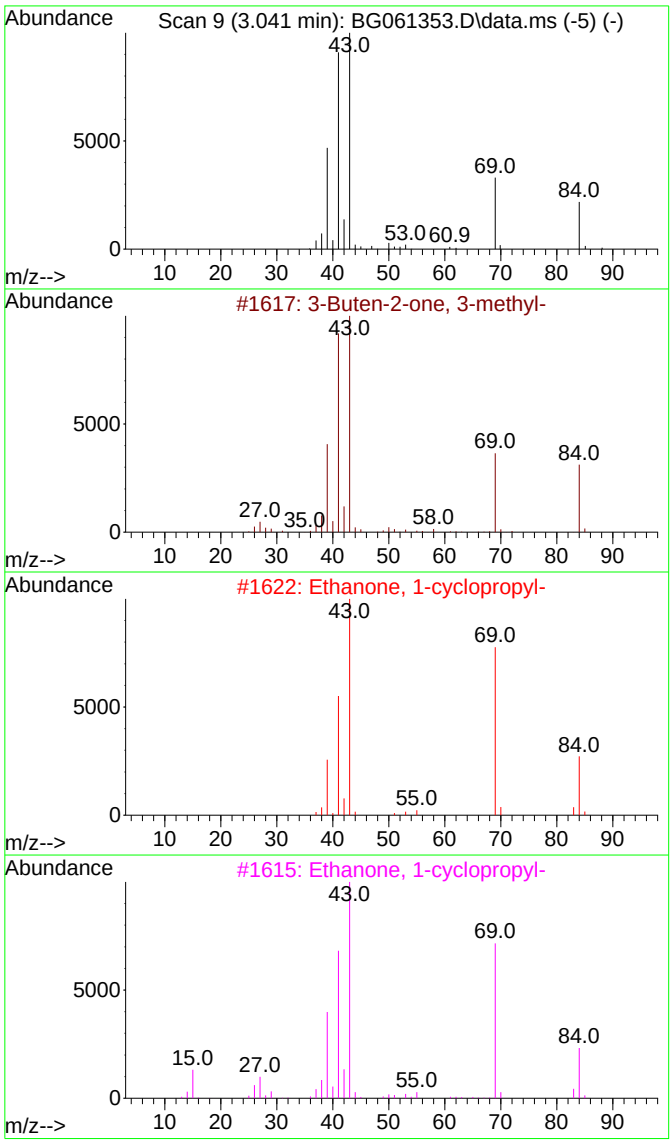
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

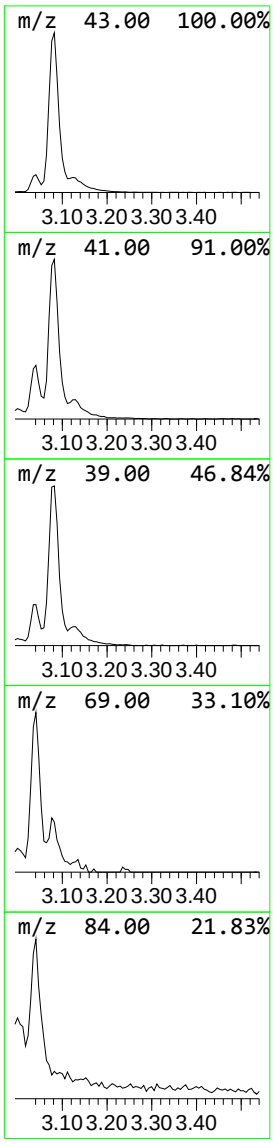
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.041	12.87 ng/ul	109148	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	91
2	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	91
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	72
4	3-Penten-2-one	84	C5H8O	000625-33-2	72
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

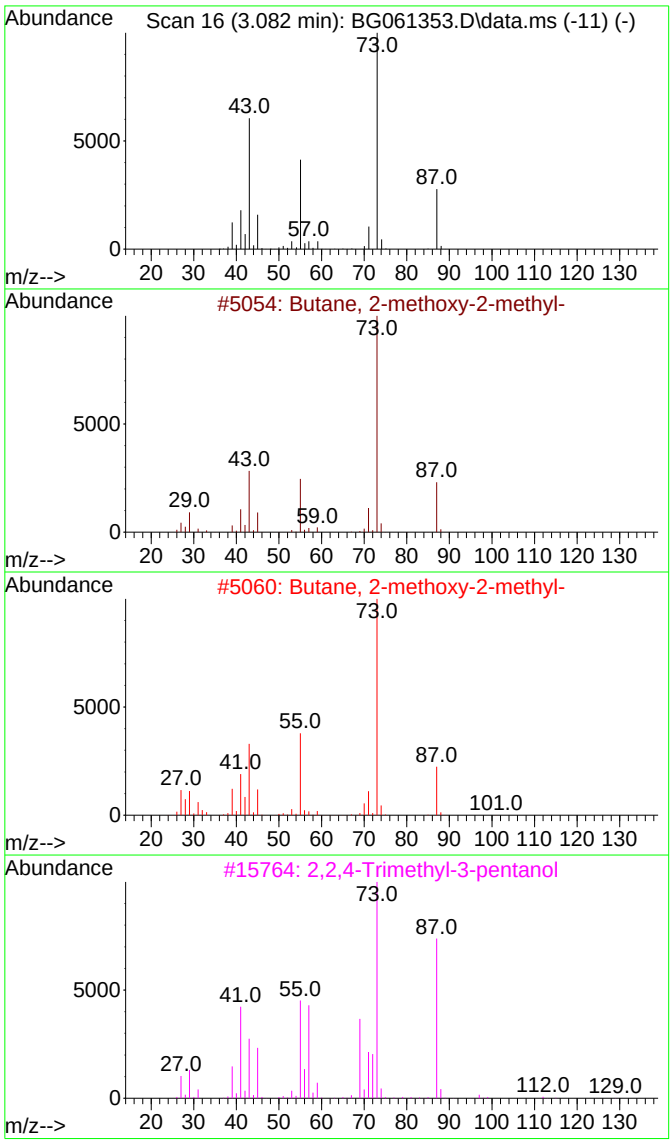
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

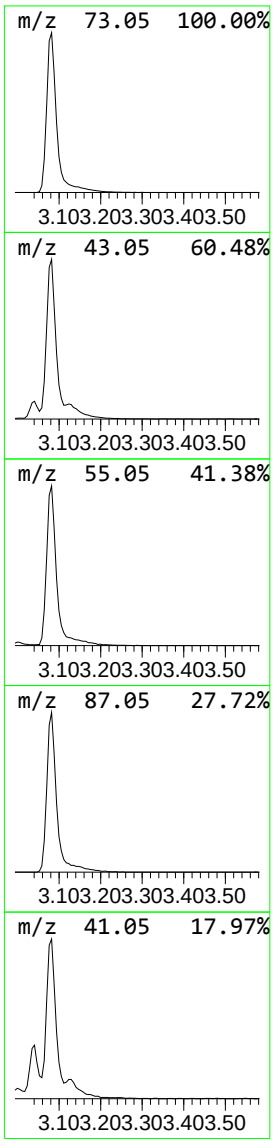
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.082	231.51 ng/ul	1963040	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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

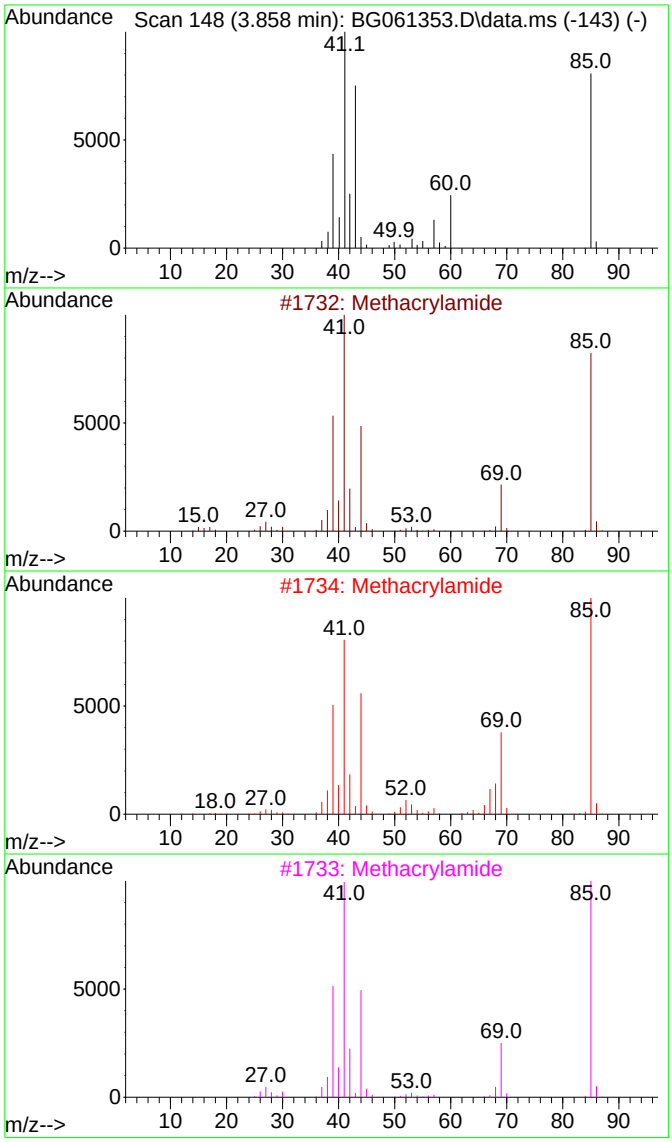
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

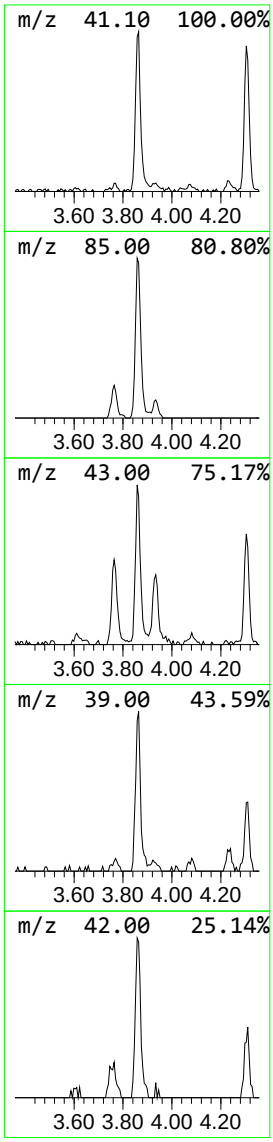
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.858	10.88 ng/ul	92296	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	53
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	Methacrylamide	85	C4H7NO	000079-39-0	50
4	trans-Crotonamide	85	C4H7NO	000625-37-6	33
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

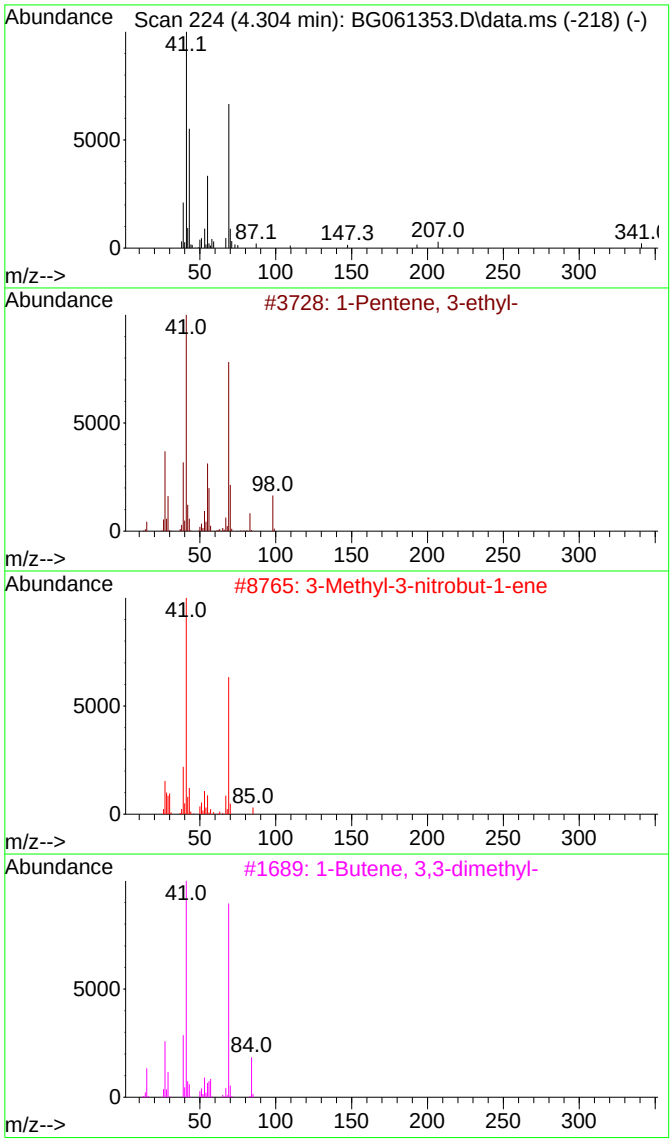
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

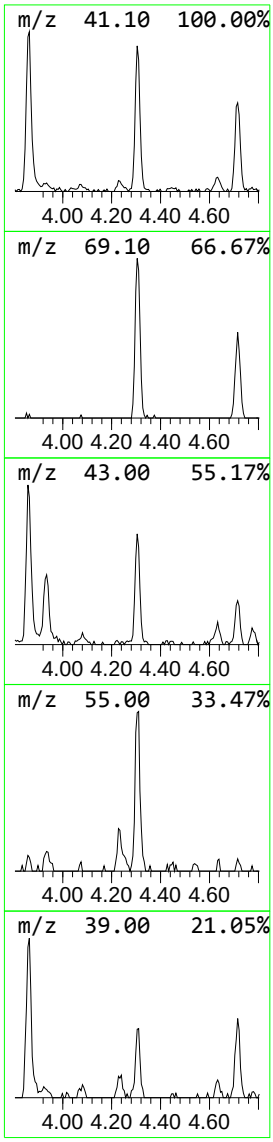
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.304	8.24 ng/ul	69903	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38
2	3-Methyl-3-nitrobut-1-ene	115	C5H9NO2	001809-67-2	38
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	38
5	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

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

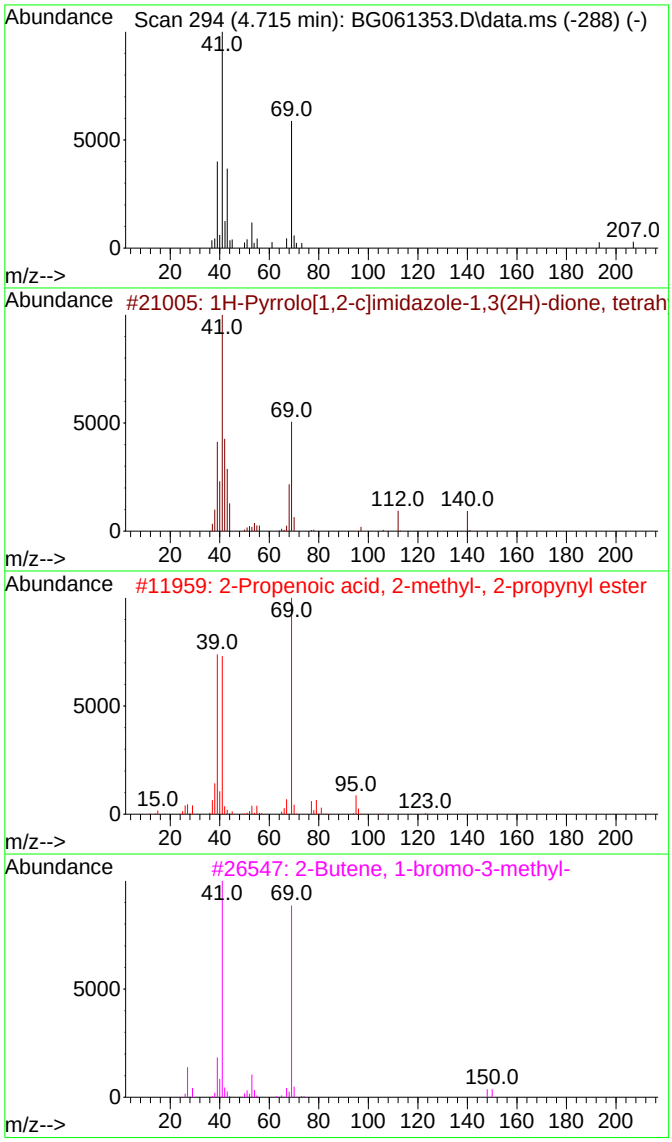
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

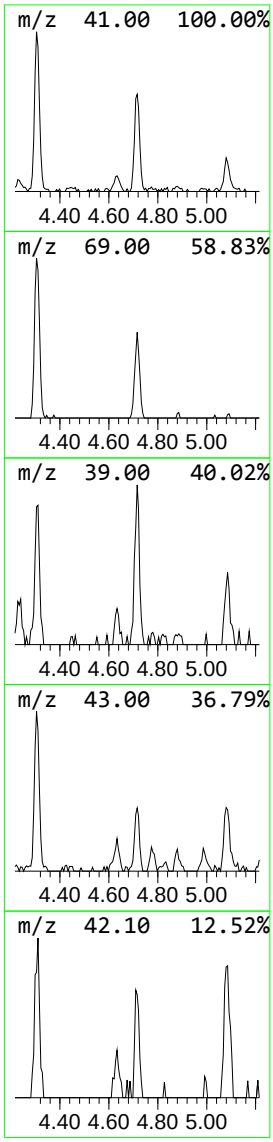
****

Peak Number 5 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.715	4.49 ng/ul	38108	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[1,2-c]imidazole-1,3(2...	140	C6H8N2O2	1000351-31-8	38
2	2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2	013861-22-8	33
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	25
4	Borane, methyldipropyl-	112	C7H17B	001117-21-1	23
5	6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	17





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Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

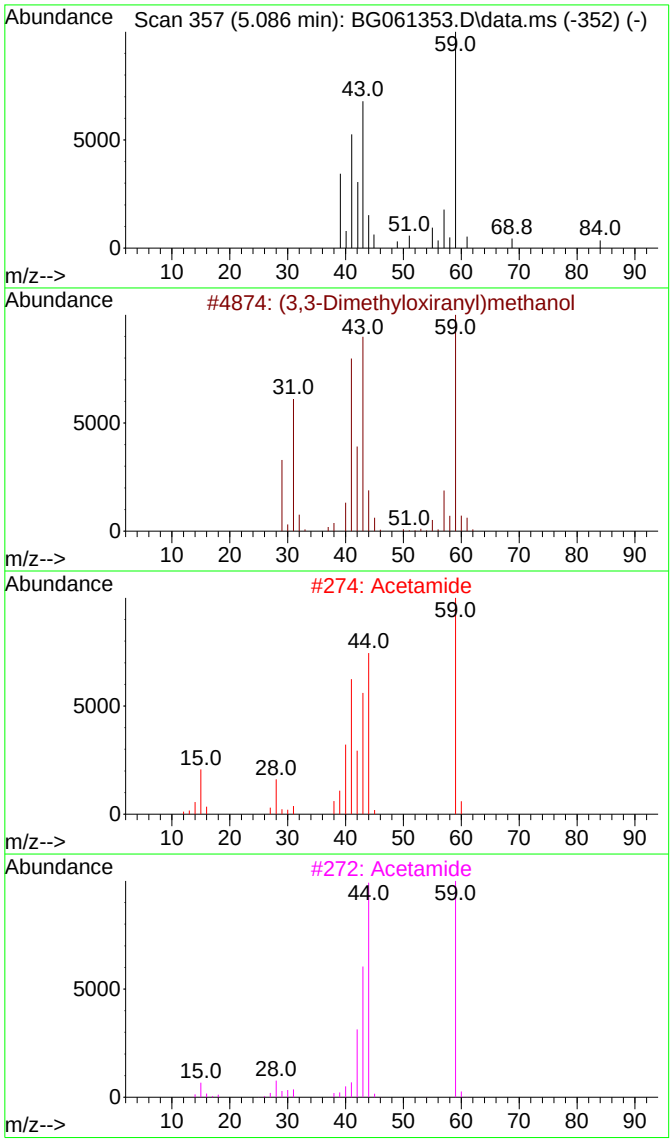
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

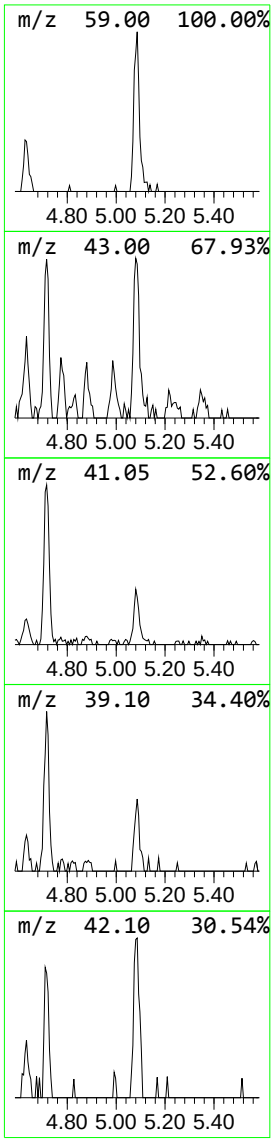
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (3,3-Dimethyloxiranyl)methanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.086	3.35 ng/ul	28445	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	72
2	Acetamide	59	C2H5NO	000060-35-5	33
3	Acetamide	59	C2H5NO	000060-35-5	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetamide	59	C2H5NO	000060-35-5	9





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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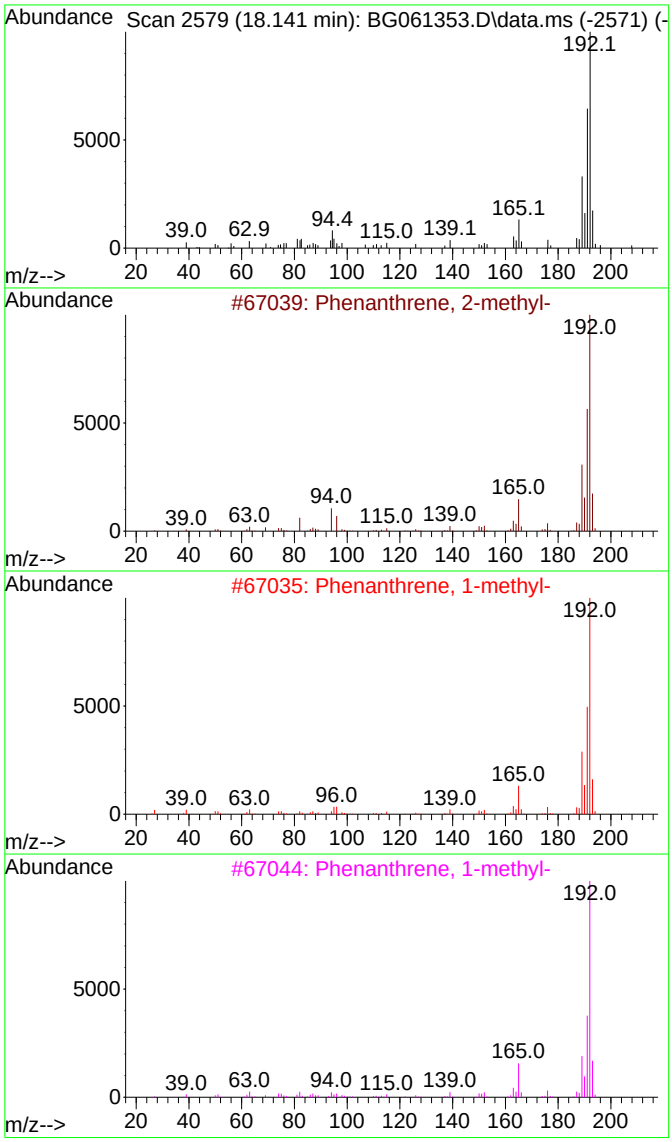
Quant Title : SVOA CALIBRATION

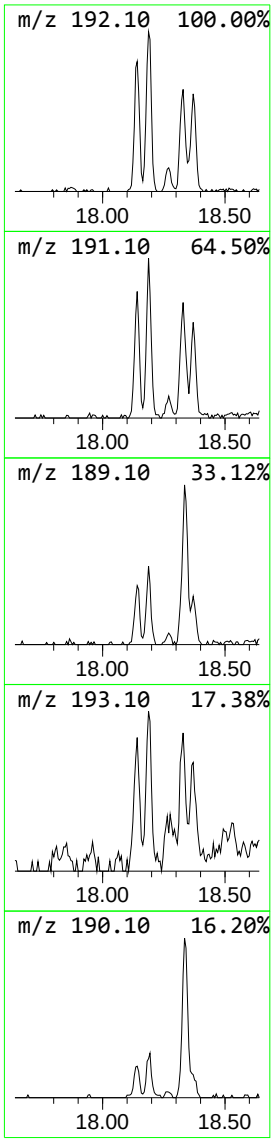
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	2.77 ng/ul	62829	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

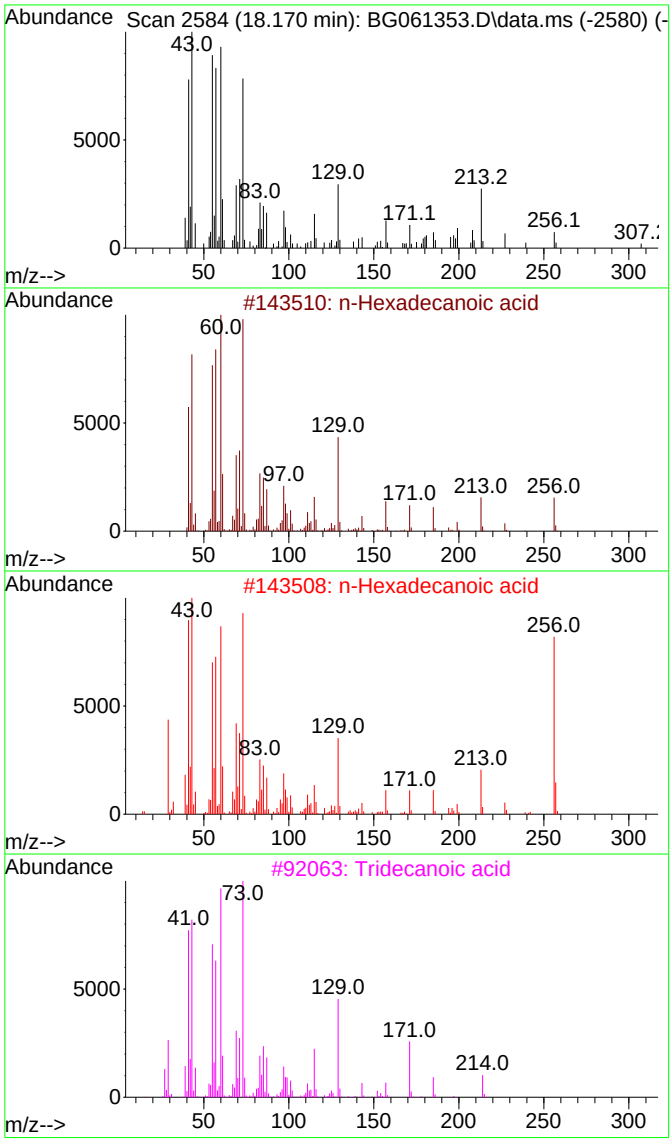
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

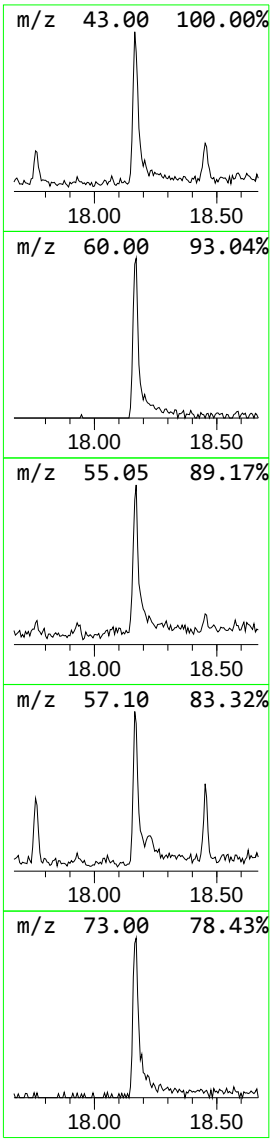
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	3.61 ng/ul	81863	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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BNA_G
ClientSampleId :
BH667

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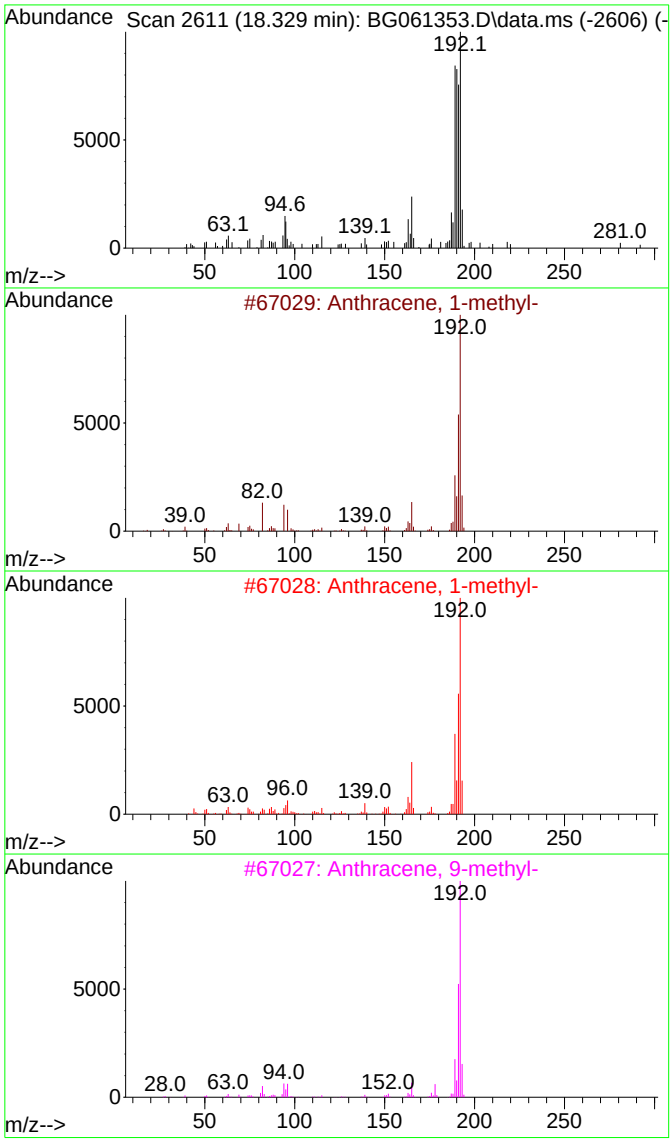
Quant Title : SVOA CALIBRATION

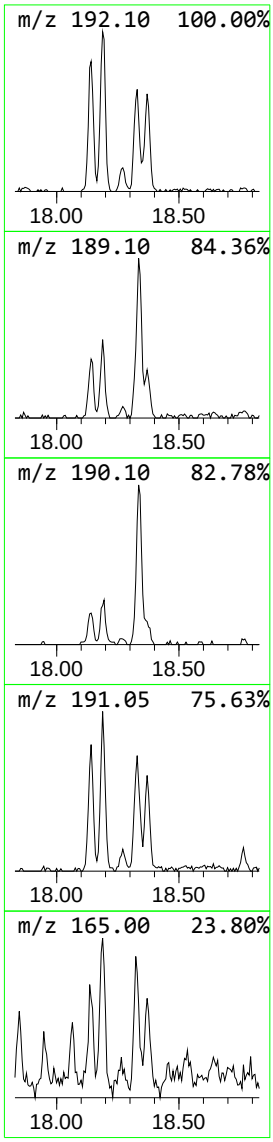
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	4.77 ng/ul	108055	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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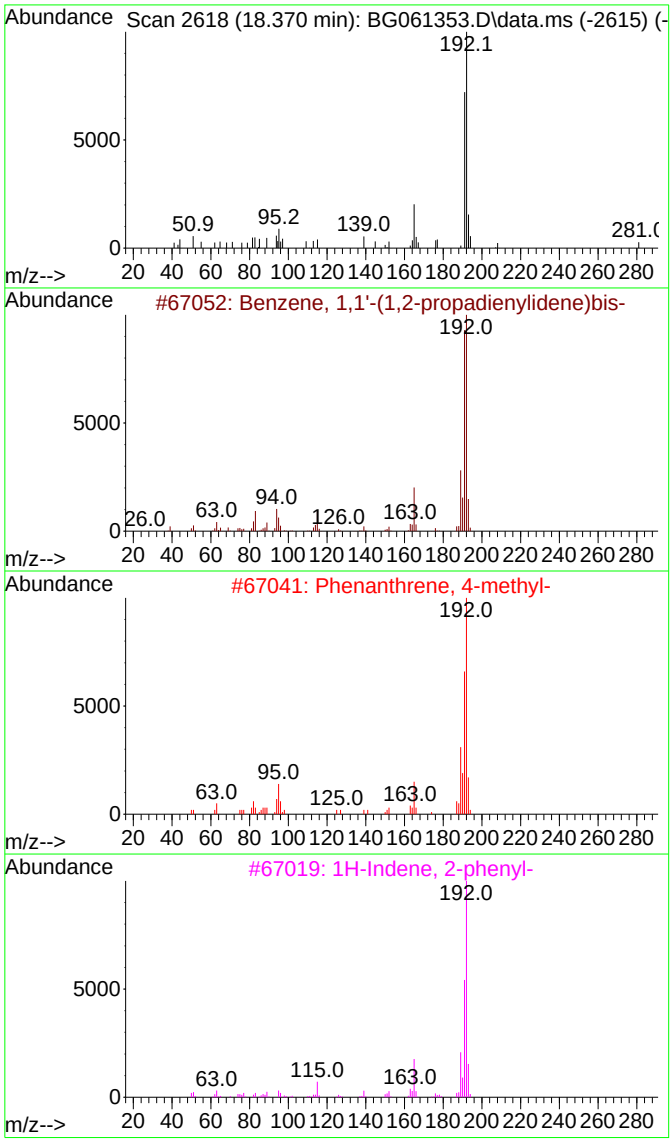
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

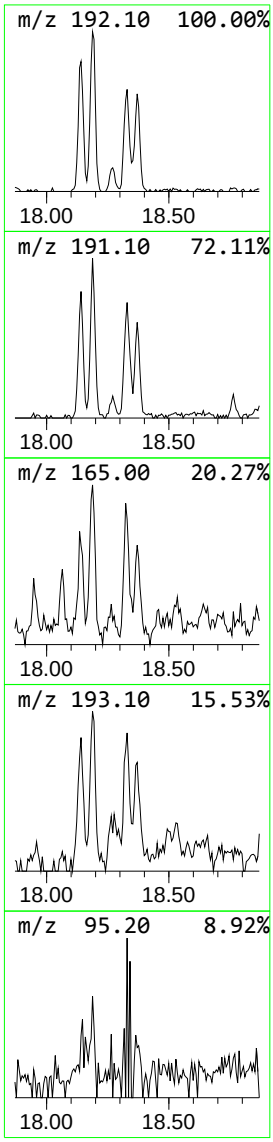
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,1'-(1,2-propadie... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.370	2.12 ng/ul	48144	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80





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Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

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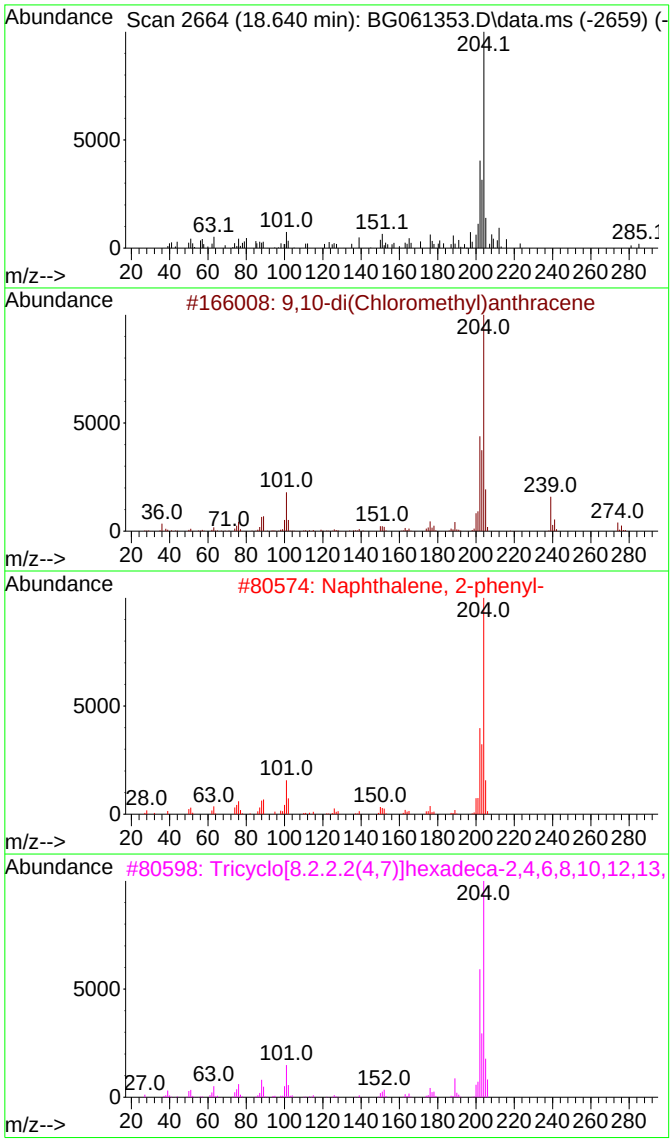
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

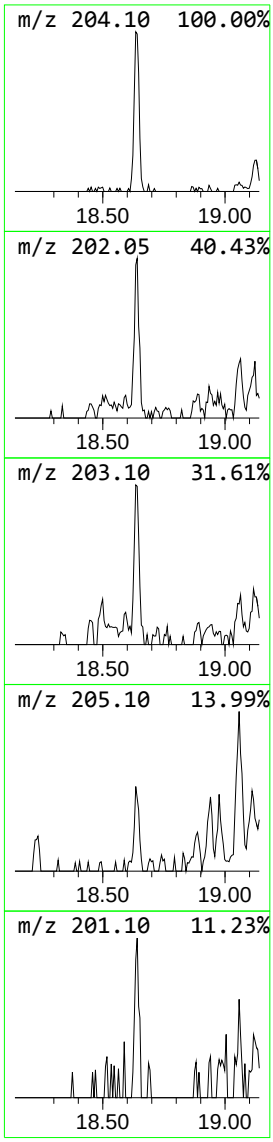
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-di(Chloromethyl)anthra... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	2.26 ng/ul	51316	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

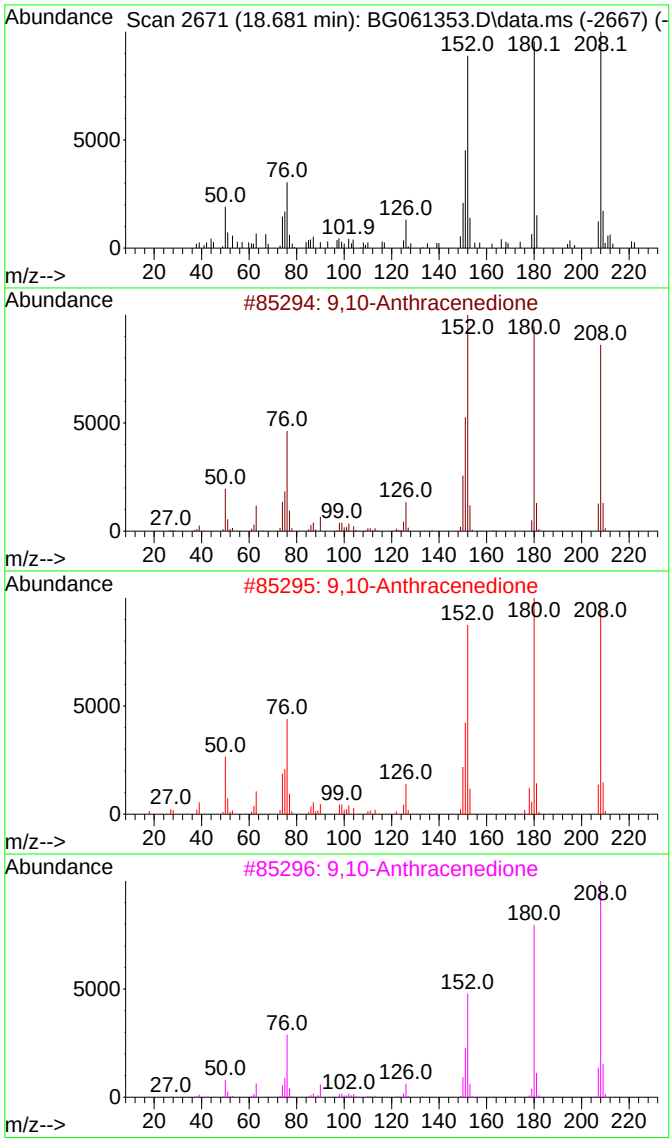
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

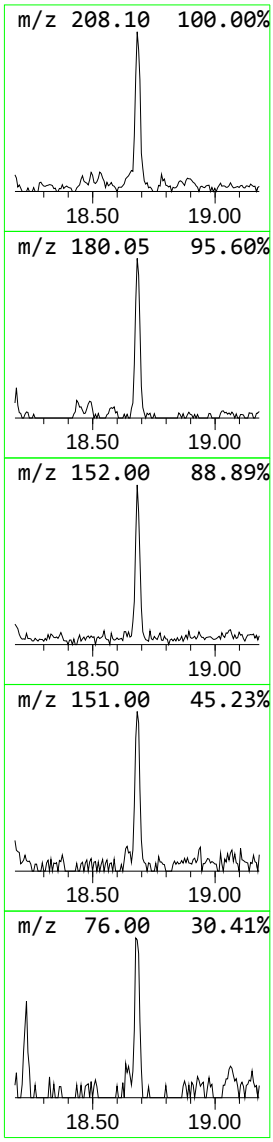
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	2.94 ng/ul	66727	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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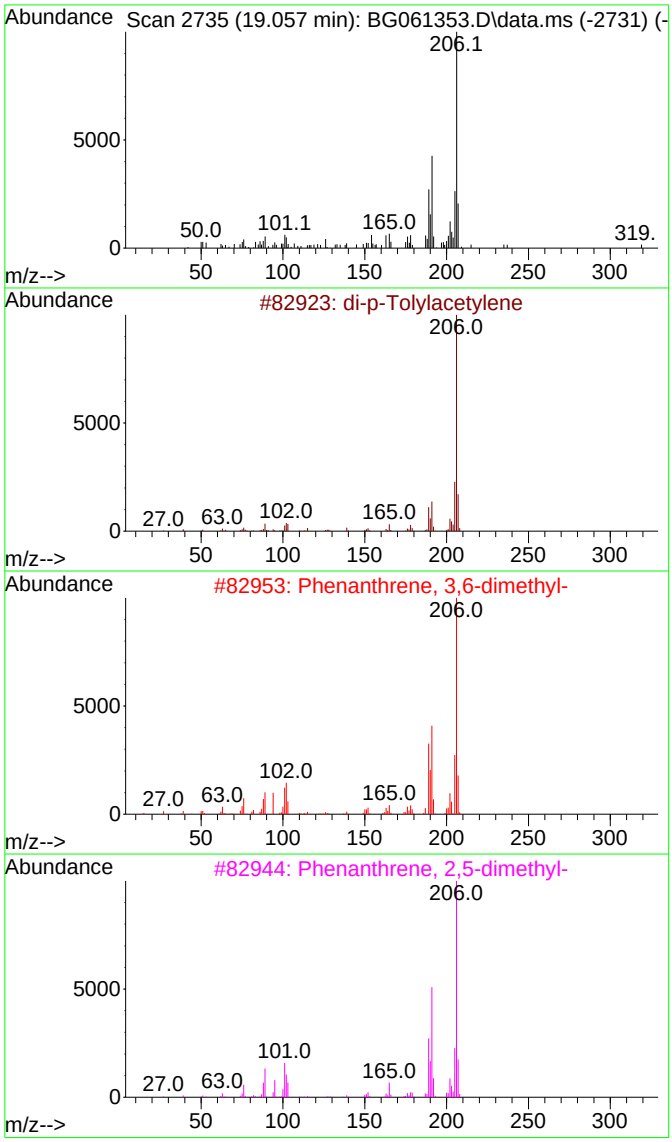
Quant Title : SVOA CALIBRATION

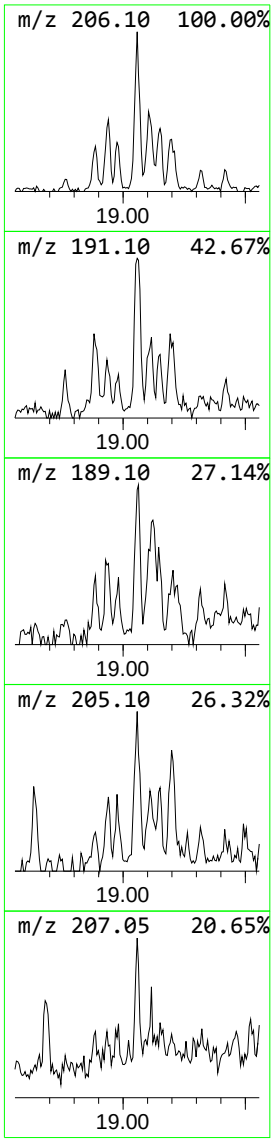
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	2.94 ng/ul	66696	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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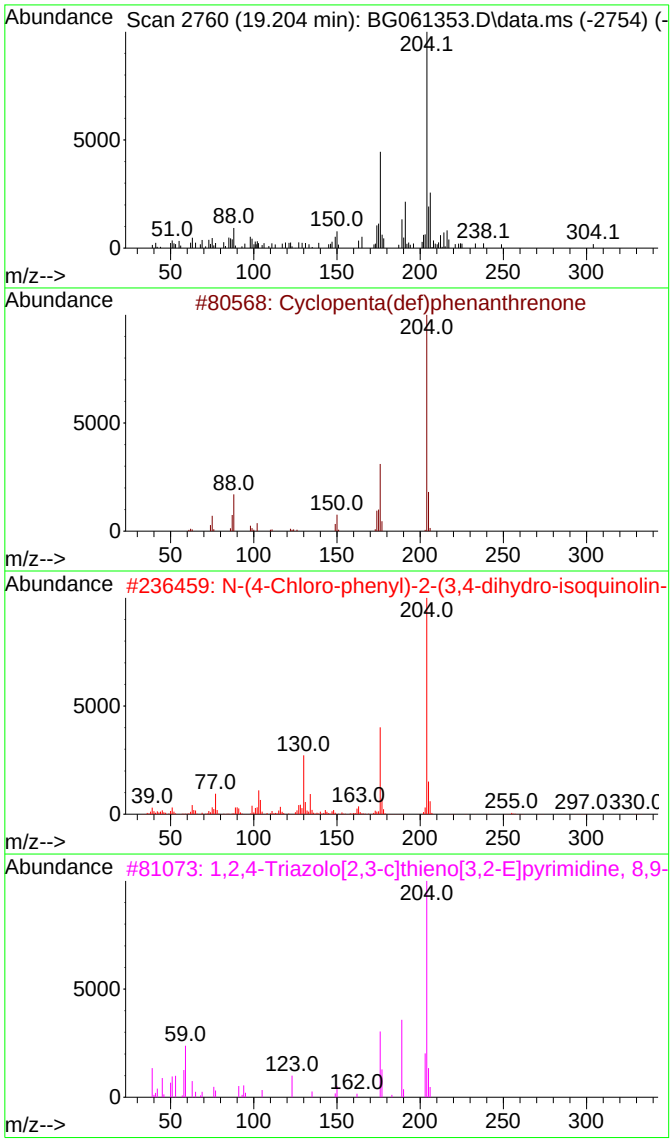
Quant Title : SVOA CALIBRATION

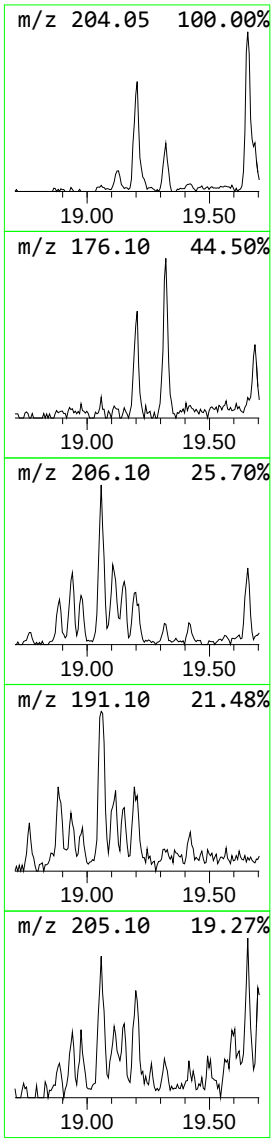
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	3.46 ng/ul	78451	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	53
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	49
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
BH667

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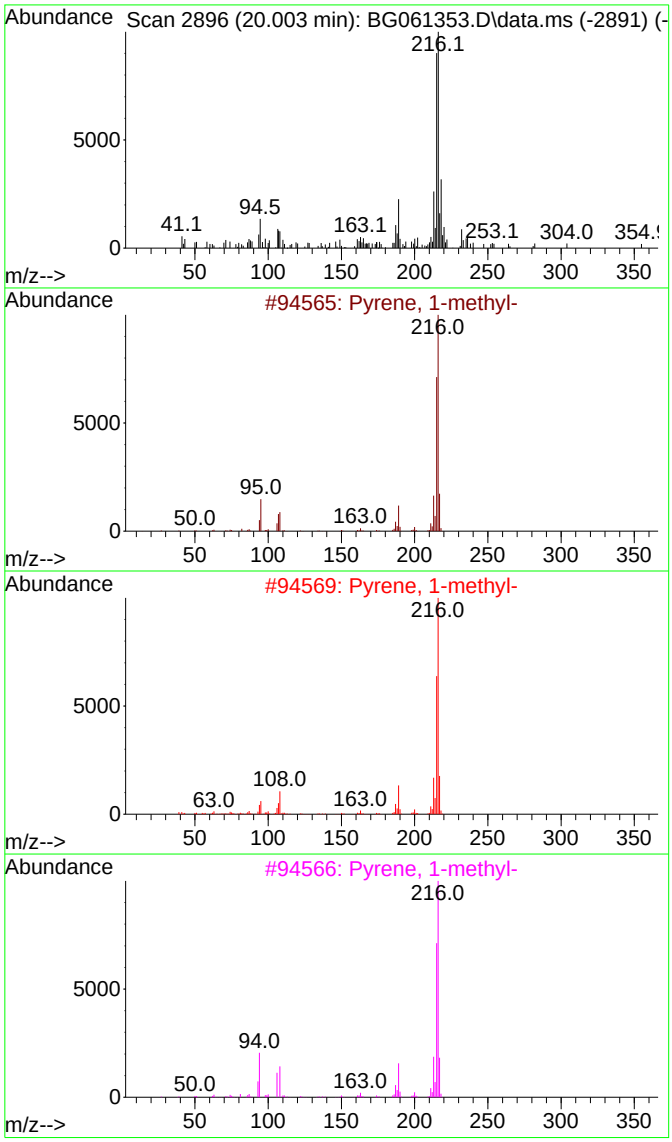
Quant Title : SVOA CALIBRATION

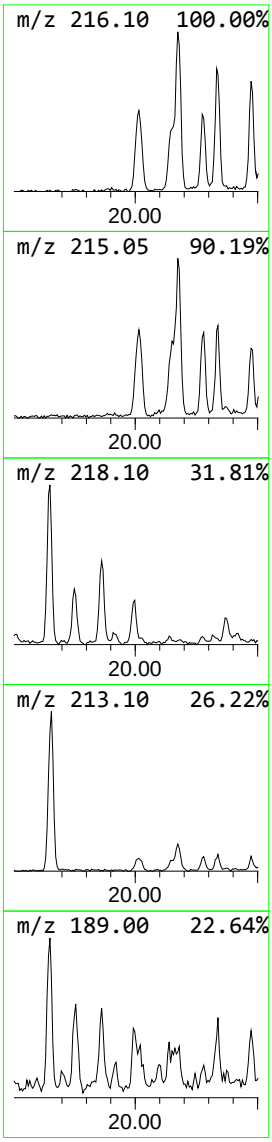
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	2.36 ng/ul	130562	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Quant Title : SVOA CALIBRATION

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

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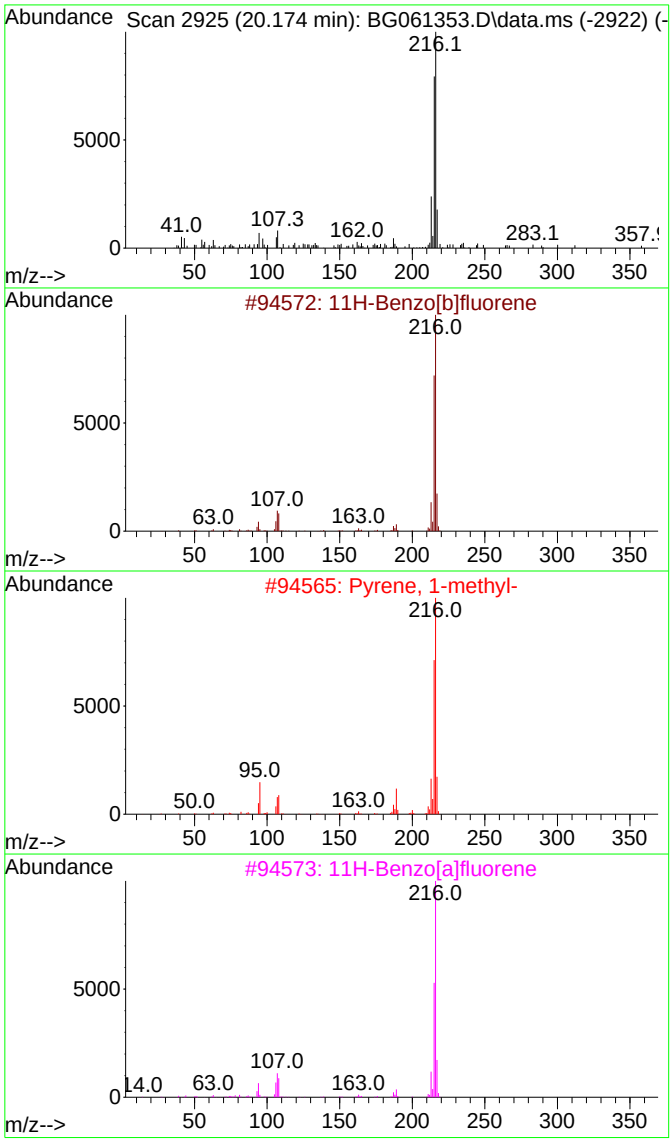
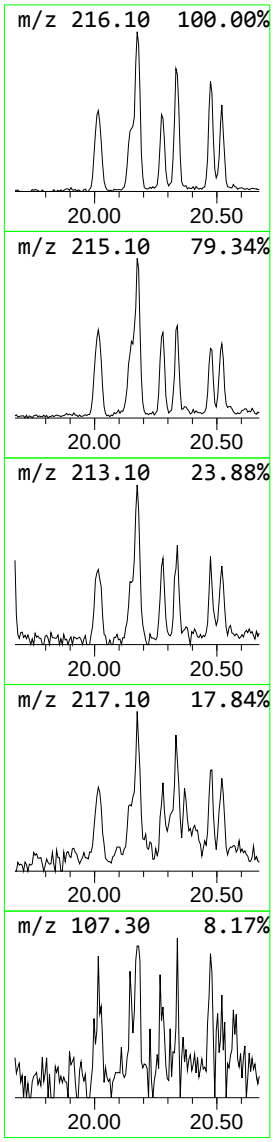
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.88 ng/ul	159420	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Sample : P2571-13
Misc :
ALS Vial : 26 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

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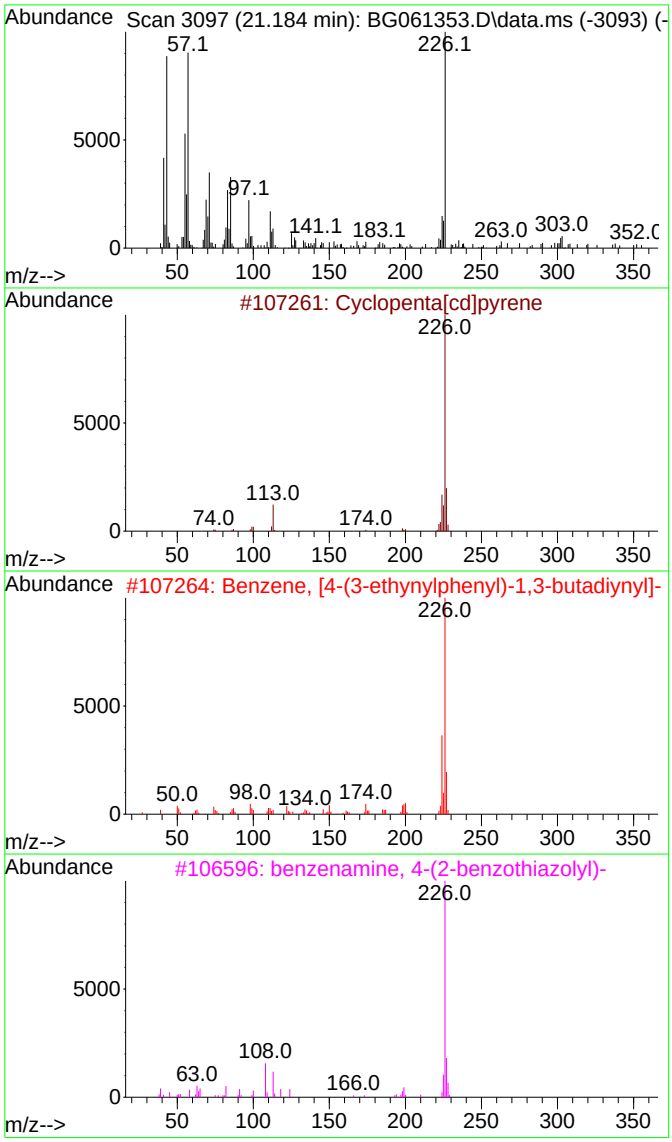
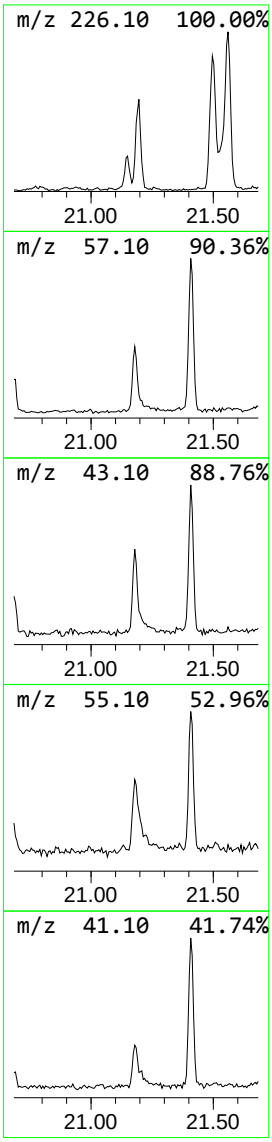
Peak Number 17 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.184	5.20 ng/ul	287776	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	37
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	37
4	9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	35
5	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

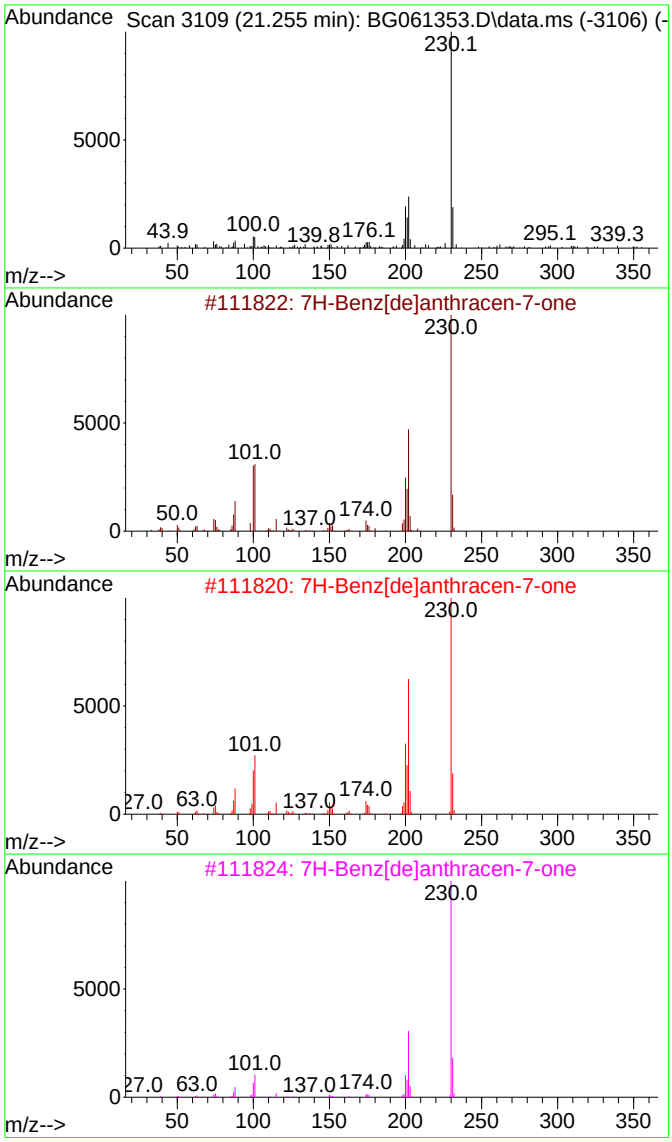
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

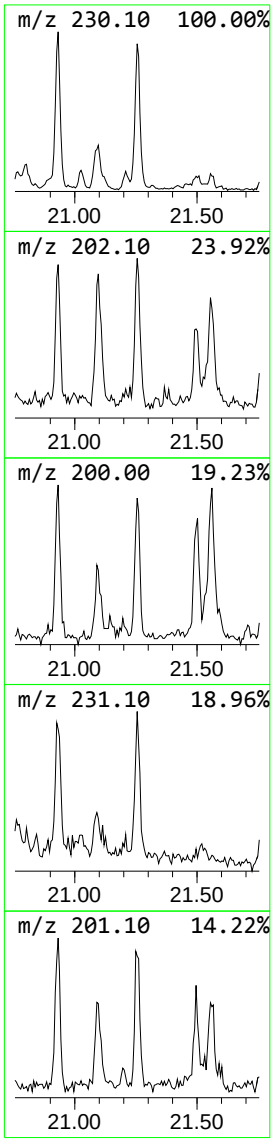
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.255	2.37 ng/ul	130853	Chrysene-d12	21.513

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	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	59





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Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

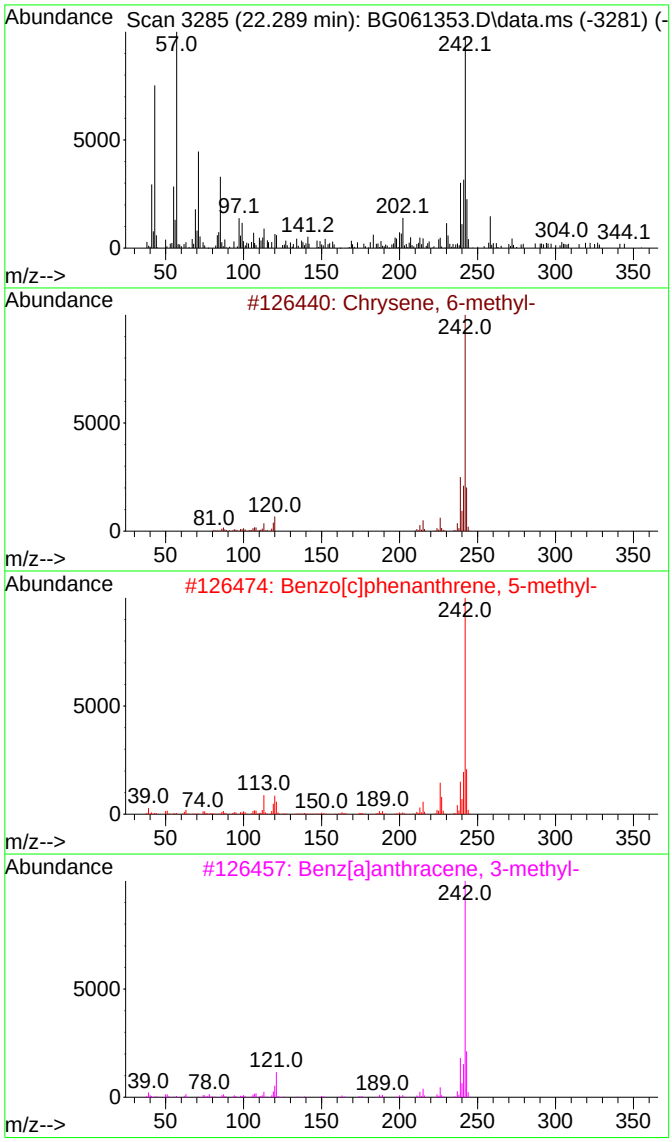
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

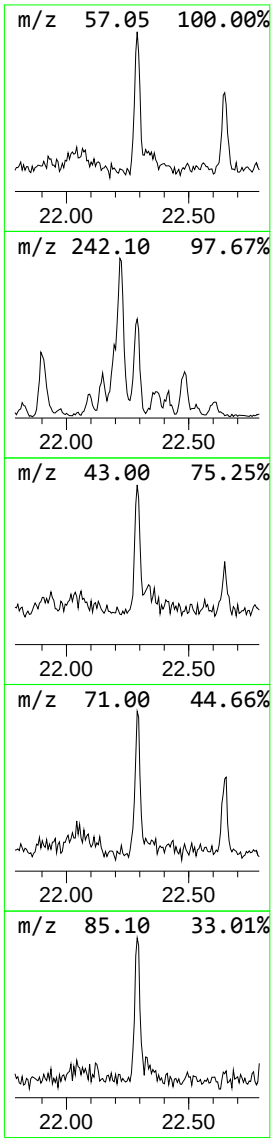
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Chrysene, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.289	2.64 ng/ul	145776	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	53
2	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	50
3	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	50
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	50
5	Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	50





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Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

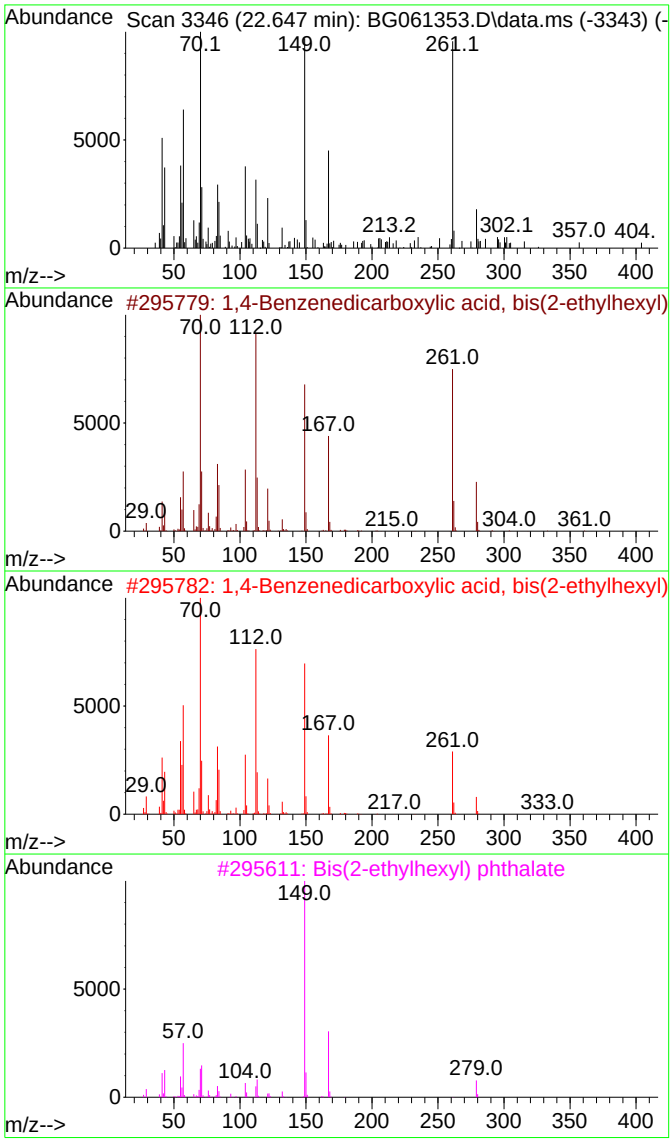
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

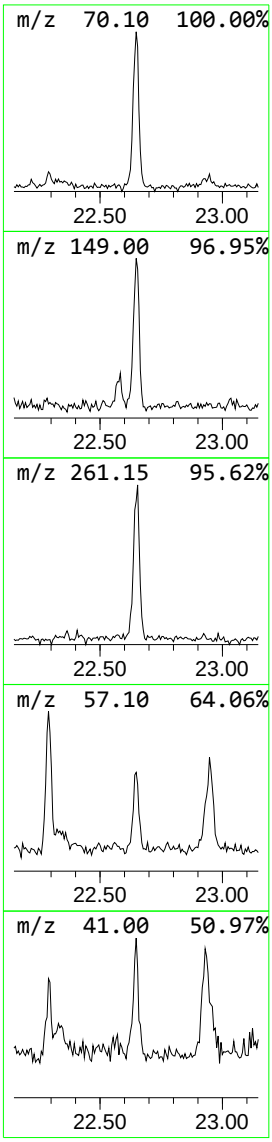
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,4-Benzenedicarboxylic aci... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.647	2.73 ng/ul	150910	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22
4	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	14
5	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	14





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Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

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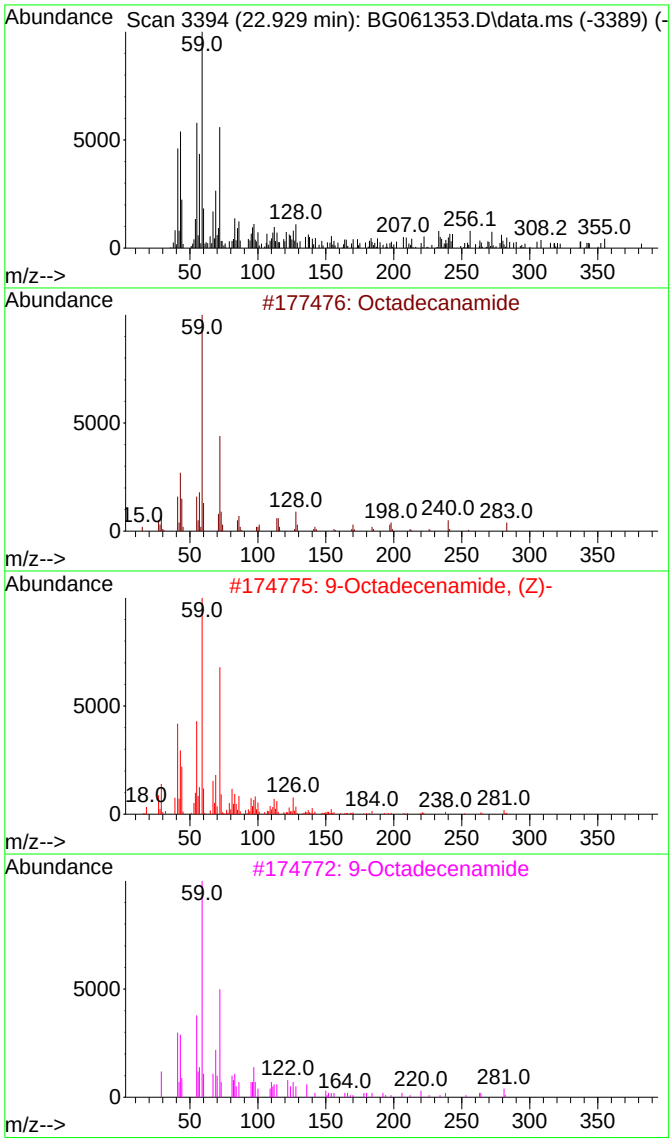
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

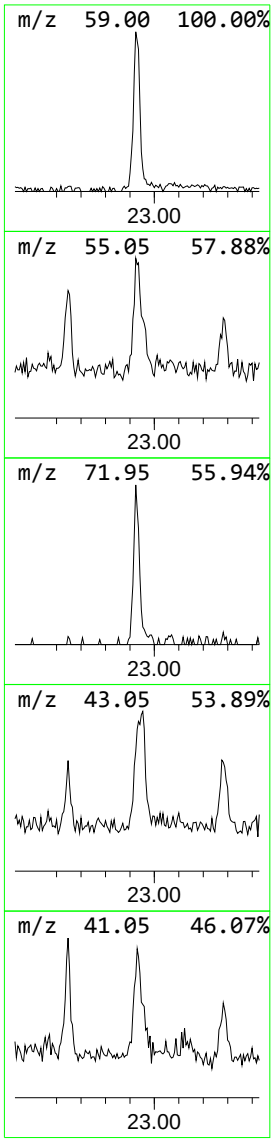
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Octadecanamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.929	3.79 ng/ul	209696	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide	283	C18H37NO	000124-26-5	89
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
3	9-Octadecenamide	281	C18H35NO	003322-62-1	68
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
5	Octadecanamide	283	C18H37NO	000124-26-5	68





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Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

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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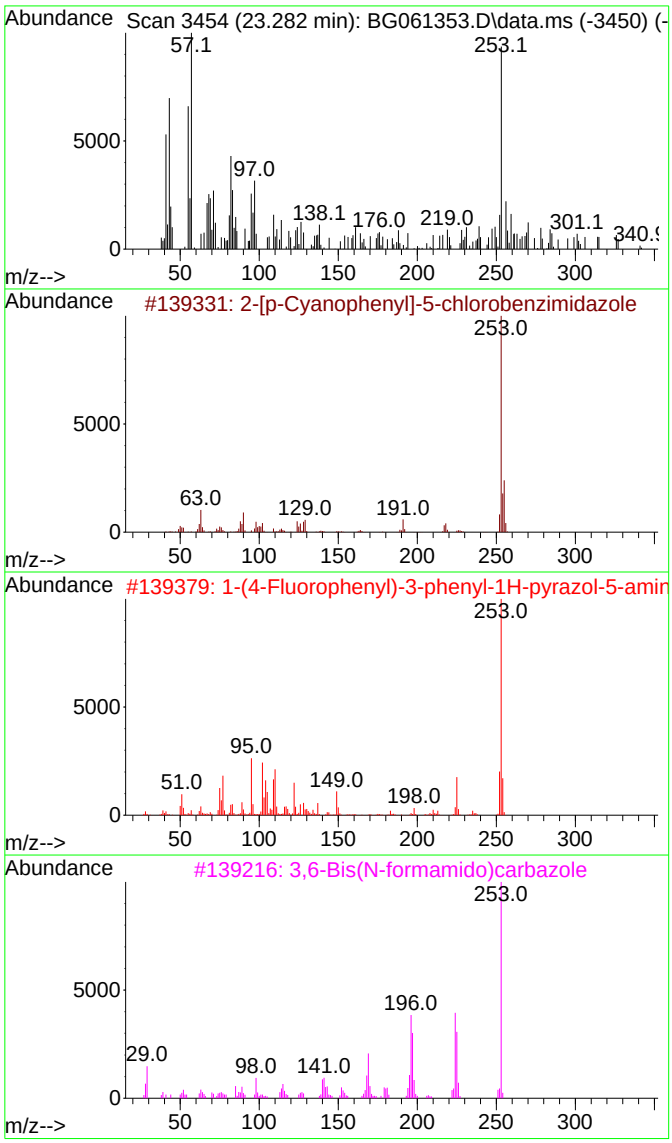
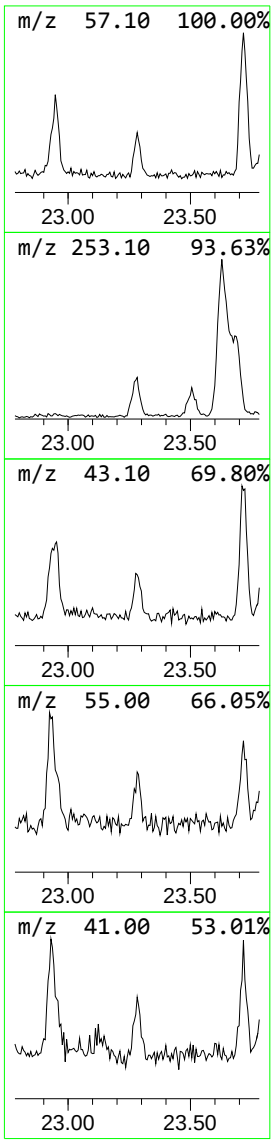
Peak Number 22 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.282	3.01 ng/ul	84872	Perylene-d12	24.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[p-Cyanophenyl]-5-chlorobenzim...	253	C14H8ClN3	146132-86-7	38
2	1-(4-Fluorophenyl)-3-phenyl-1H-p...	253	C15H12FN3	072411-51-9	38
3	3,6-Bis(N-formamido)carbazole	253	C14H11N3O2	098805-10-8	35
4	2-[Butyl(methyl)amino]-5H,6H,7H,...	296	C18H24N4	1000388-63-2	27
5	2-Phenoxy-5-(trifluoromethyl)ben...	253	C13H10F3NO	050594-29-1	25





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Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

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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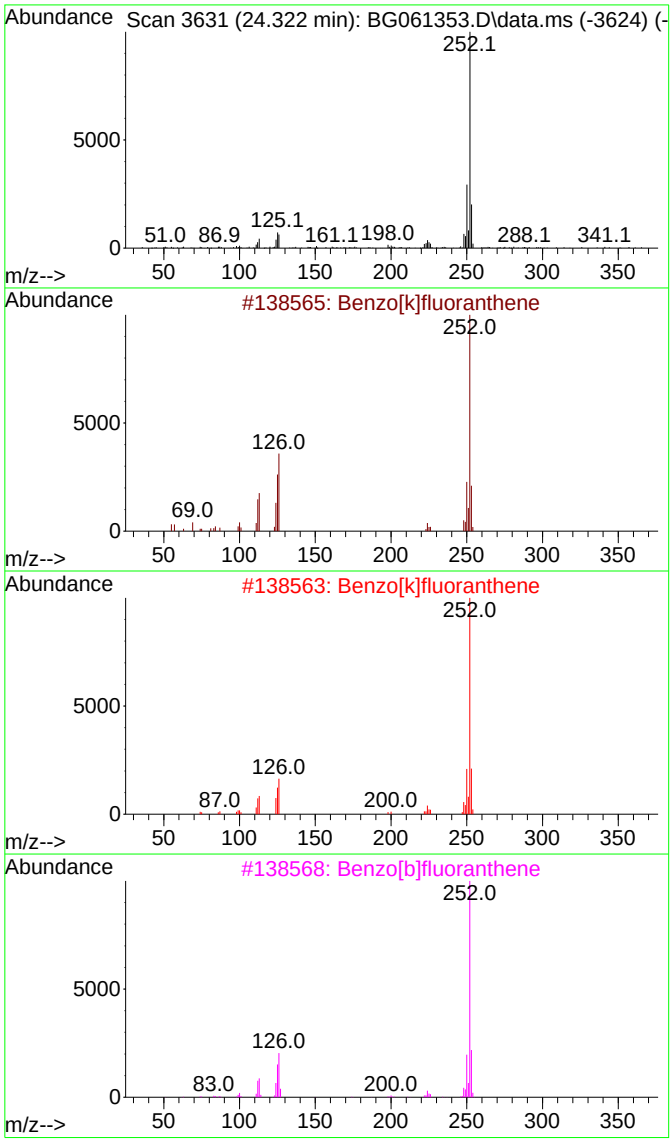
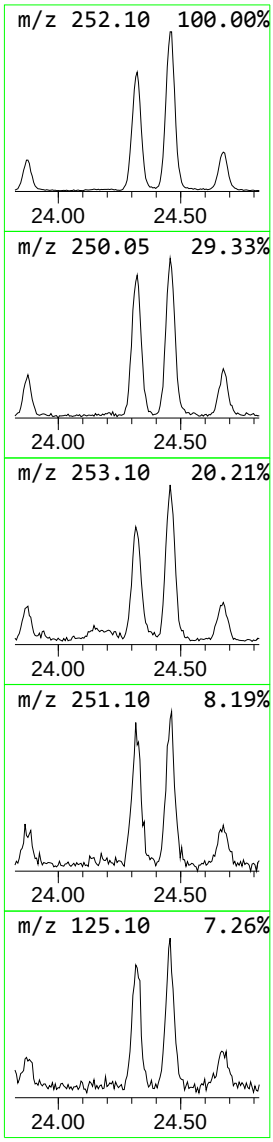
Peak Number 23 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.322	9.40 ng/ul	264671	Perylene-d12	24.604

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





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Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

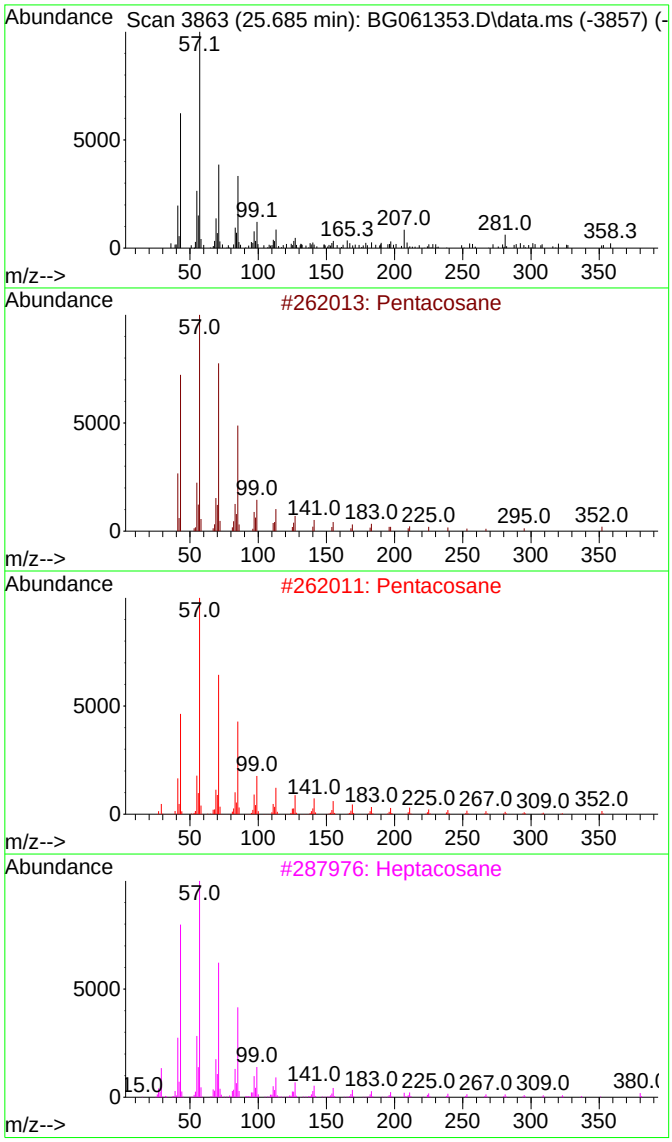
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

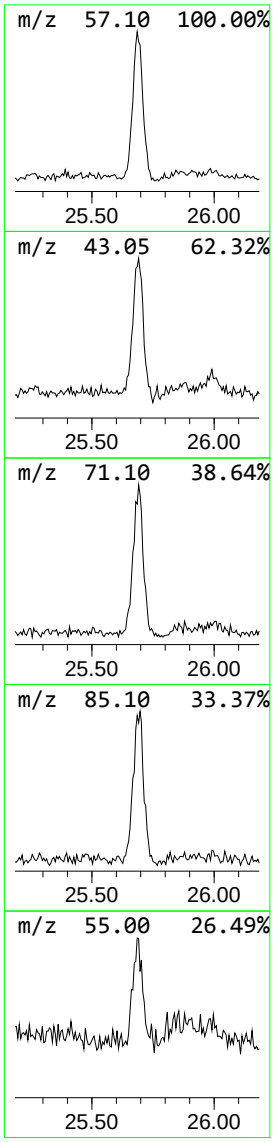
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.685	6.87 ng/ul	193437	Perylene-d12	24.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Pentacosane	352	C25H52	000629-99-2	89
3	Heptacosane	380	C27H56	000593-49-7	76
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72





Tentatively Identified Compound (LSC) summary

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Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

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, ...	3.041	12.9	ng/ul	109148	1	7.876	169586	20.0
Butane, 2-metho...	3.082	231.5	ng/ul	1963040	1	7.876	169586	20.0
Methacrylamide	3.858	10.9	ng/ul	92296	1	7.876	169586	20.0
(DEL) Alkane: S...	4.304	8.2	ng/ul	69903	1	7.876	169586	20.0
unknown-01	4.715	4.5	ng/ul	38108	1	7.876	169586	20.0
(3,3-Dimethylox...	5.086	3.4	ng/ul	28445	1	7.876	169586	20.0
Phenanthrene, 2...	18.141	2.8	ng/ul	62829	4	17.265	453401	20.0
n-Hexadecanoic ...	18.170	3.6	ng/ul	81863	4	17.265	453401	20.0
Anthracene, 1-m...	18.329	4.8	ng/ul	108055	4	17.265	453401	20.0
Benzene, 1,1'-(...	18.370	2.1	ng/ul	48144	4	17.265	453401	20.0
9,10-di(Chlorom...	18.640	2.3	ng/ul	51316	4	17.265	453401	20.0
9,10-Anthracene...	18.681	2.9	ng/ul	66727	4	17.265	453401	20.0
di-p-Tolylacety...	19.058	2.9	ng/ul	66696	4	17.265	453401	20.0
Cyclopenta(def)...	19.204	3.5	ng/ul	78451	4	17.265	453401	20.0
Pyrene, 1-methyl-	20.003	2.4	ng/ul	130562	5	21.513	1106320	20.0
11H-Benzo[b]flu...	20.174	2.9	ng/ul	159420	5	21.513	1106320	20.0
unknown-02	21.184	5.2	ng/ul	287776	5	21.513	1106320	20.0
7H-Benz[de]anth...	21.255	2.4	ng/ul	130853	5	21.513	1106320	20.0
Chrysene, 6-met...	22.289	2.6	ng/ul	145776	5	21.513	1106320	20.0
1,4-Benzenedica...	22.647	2.7	ng/ul	150910	5	21.513	1106320	20.0
Octadecanamide	22.929	3.8	ng/ul	209696	5	21.513	1106320	20.0
unknown-03	23.282	3.0	ng/ul	84872	6	24.604	563032	20.0
unknown-04	24.322	9.4	ng/ul	264671	6	24.604	563032	20.0
(DEL) Alkane: S...	25.685	6.9	ng/ul	193437	6	24.604	563032	20.0