LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH668

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: BG061354.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	5	9	11	rBV	64778	77699	3.21%	0.448%
2	3.081	11	16	45	rVB	1437853	2417847	100.00%	13.955%
3	3.610	101	106	114	rBV	12464	22197	0.92%	0.128%
4	3.751	123	130	141	rBV3	44204	86919	3.59%	0.502%
5	3.863	143	149	158	rVV	36329	56510	2.34%	0.326%
6	4.303	220	224	229	rVV	34963	49333	2.04%	0.285%
7	4.715	290	294	299	rVV	15304	20981	0.87%	0.121%
8	5.085	352	357	366	rVB3	13166	20222	0.84%	0.117%
9	7.065	688	694	706	rVB	125737	217900	9.01%	1.258%
10	7.212	714	719	726	rVB	78318	125612	5.20%	0.725%
11	7.417	748	754	761	rBV	116310	196857	8.14%	1.136%
12	7.882	825	833	839	rBV	104452	170809	7.06%	0.986%
13	8.598	949	955	965	rBV	92762	156714	6.48%	0.905%
14	9.039	1022	1030	1037	rBV	126489	217901	9.01%	1.258%
15	9.597	1119	1125	1134	rVB3	18508	29744	1.23%	0.172%
16	9.762	1145	1153	1164	rBV	114619	199674	8.26%	1.152%
17	10.308	1240	1246	1254	rBV	156391	276078	11.42%	1.593%
18	10.678	1300	1309	1315	rBV	146367	262860	10.87%	1.517%
19	10.813	1323	1332	1340	rBV	70768	139790	5.78%	0.807%
20	11.413	1422	1434	1445	rBV2	18570	37189	1.54%	0.215%
21	13.346	1754	1763	1768	rBV	13445	21483	0.89%	0.124%
22	13.922	1852	1861	1868	rVB	289380	416559	17.23%	2.404%
23	14.209	1903	1910	1920	rVB	304597	472365	19.54%	2.726%
24	14.415	1940	1945	1950	rBV2	13219	16576	0.69%	0.096%
25	14.515	1953	1962	1969	rBV	234379	368719	15.25%	2.128%
26	14.744	1990	2001	2010	rBV4	121924	305621	12.64%	1.764%
27	14.868	2017	2022	2027	rBV6	8666	14537	0.60%	0.084%
28	14.915	2027	2030	2036	rVB5	9586	15115	0.63%	0.087%
29	15.367	2103	2107	2113	rVB2	14331	18882	0.78%	0.109%
30	15.508	2123	2131	2137	rVV	396543	599731	24.80%	3.462%
31	15.643	2149	2154	2163	rVV	97465	142677	5.90%	0.824%
32	16.231	2248	2254	2261	rBV4	19917	45436	1.88%	0.262%
33	16.801	2346	2351	2355	rBV3	10347	14369	0.59%	0.083%
34	16.918	2367	2371	2378	rBV5	14956	26713	1.10%	0.154%
35	17.024	2385	2389	2393	rVV2	17155	22958	0.95%	0.133%
36	17.077	2393	2398	2408	rVB3	10937	20087	0.83%	0.116%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH668

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	17.265	2424	2430	2434	rBV	289569	442758	18.31%	2.556%
38	17.306	2434	2437	2441	rVV	136051	185902	7.69%	1.073%
39	17.365	2441	2447	2457	rVB	413156	636150	26.31%	3.672%
40	17.453	2457	2462	2467	rBV8	10446	19513	0.81%	0.113%
41	17.582	2480	2484	2488	rVB3	9869	15126	0.63%	0.087%
42	17.670	2494	2499	2503	rBV	13501	20757	0.86%	0.120%
43	17.764	2510	2515	2521	rVB2	14902	22865	0.95%	0.132%
44	17.846	2525	2529	2533	rVV3	12716	17016	0.70%	0.098%
45	17.935	2537	2544	2549	rBV6	11420	19371	0.80%	0.112%
46	18.140	2575	2579	2580	rBV	36166	42338	1.75%	0.244%
47	18.187	2580	2587	2591	rVV2	70311	188891	7.81%	1.090%
48	18.228	2591	2594	2597	rVV	20735	27447	1.14%	0.158%
49	18.334	2606	2612	2616	rVV3	48907	91318	3.78%	0.527%
50	18.369	2616	2618	2624	rVB	27771	37635	1.56%	0.217%
51	18.457	2626	2633	2636	rBV4	23462	35634	1.47%	0.206%
52	18.499	2636	2640	2642	rVV5	11697	18657	0.77%	0.108%
53	18.640	2660	2664	2668	rVV	31788	45455	1.88%	0.262%
54	18.687	2668	2672	2676	rVB2	34174	50749	2.10%	0.293%
55	18.880	2698	2705	2711	rBV7	25849	45360	1.88%	0.262%
56	18.933	2711	2714	2718	rVV	15839	21819	0.90%	0.126%
57	18.974	2718	2721	2724	rVB4	11557	14677	0.61%	0.085%
58	19.057	2731	2735	2738	rBV2	44406	72687	3.01%	0.420%
59	19.151	2749	2751	2755	rVB2	17211	16244	0.67%	0.094%
60	19.204	2755	2760	2771	rBV5	30156	68033	2.81%	0.393%
61	19.321	2771	2780	2786	rBV	434571	608210	25.16%	3.510%
62	19.380	2787	2790	2793	rBV3	18557	25265	1.04%	0.146%
63	19.521	2809	2814	2817	rBV4	14950	22236	0.92%	0.128%
64	19.562	2819	2821	2831	rVB4	16370	35351	1.46%	0.204%
65	19.656	2831	2837	2840	rBV	622803	973113	40.25%	5.617%
66	19.685	2840	2842	2849	rVB	391760	457860	18.94%	2.643%
67	19.762	2850	2855	2857	rBV3	30924	45018	1.86%	0.260%
68	19.920	2879	2882	2885	rBV3	15614	19428	0.80%	0.112%
69	20.003	2891	2896	2904	rBV4	38482	99835	4.13%	0.576%
70	20.097	2909	2912	2914	rVV3	23991	30855	1.28%	0.178%
71	20.138	2915	2919	2920	rVV4	28703	42554	1.76%	0.246%
72	20.173	2922	2925	2932	rVB2	60203	128108	5.30%	0.739%
73	20.273	2939	2942	2946	rBV2	27847	36504	1.51%	0.211%
74	20.332	2949	2952	2956	rVV2	48449	75158	3.11%	0.434%
75	20.373	2957	2959	2963	rVB4	16763	18451	0.76%	0.106%
76	20.479	2973	2977	2979	rBV	30317	40607	1.68%	0.234%

LSC Area Percent Report

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Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH668

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	20.526	2981	2985	2989	rVV3	32019	48903	2.02%	0.282%
78	20.573	2989	2993	2998	rVB	44907	52464	2.17%	0.303%
79	20.690	3010	3013	3016	rVB	37968	38844	1.61%	0.224%
80	20.731	3017	3020	3023	rBV5	22517	26443	1.09%	0.153%
81	20.931	3050	3054	3061	rVB	66174	98850	4.09%	0.571%
82	21.107	3081	3084	3088	rVB3	32423	39645	1.64%	0.229%
83	21.148	3088	3091	3093	rVV	30582	35322	1.46%	0.204%
84	21.184	3093	3097	3105	rVV5	79139	178844	7.40%	1.032%
85	21.254	3107	3109	3115	rVB	56475	72786	3.01%	0.420%
86	21.407	3131	3135	3141	rVB	175958	234358	9.69%	1.353%
87	21.513	3145	3153	3158	rVV2	403905	956611	39.56%	5.521%
88	21.560	3158	3161	3173	rVB	222405	356172	14.73%	2.056%
89	21.707	3183	3186	3191	rVB4	57087	74923	3.10%	0.432%
90	21.912	3217	3221	3227	rVB4	30363	59784	2.47%	0.345%
91	22.288	3281	3285	3292	rBV2	65422	117114	4.84%	0.676%
92	22.488	3315	3319	3322	rBV4	24905	36887	1.53%	0.213%
93	22.929	3390	3394	3406	rVB6	65564	172979	7.15%	0.998%
94	23.628	3505	3513	3520	rBV2	168667	541067	22.38%	3.123%
95	23.869	3550	3554	3564	rVB3	24288	65698	2.72%	0.379%
96	24.321	3624	3631	3635	rBV	82433	201373	8.33%	1.162%
97	24.398	3636	3644	3650	rVV2	289449	818256	33.84%	4.723%
98	24.456	3651	3654	3666	rVB	135800	314437	13.00%	1.815%
99	24.603	3671	3679	3688	rBV	213658	570160	23.58%	3.291%
100	28.105	4266	4275	4276	rBV2	38558	94016	3.89%	0.543%

Sum of corrected areas: 17325555

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
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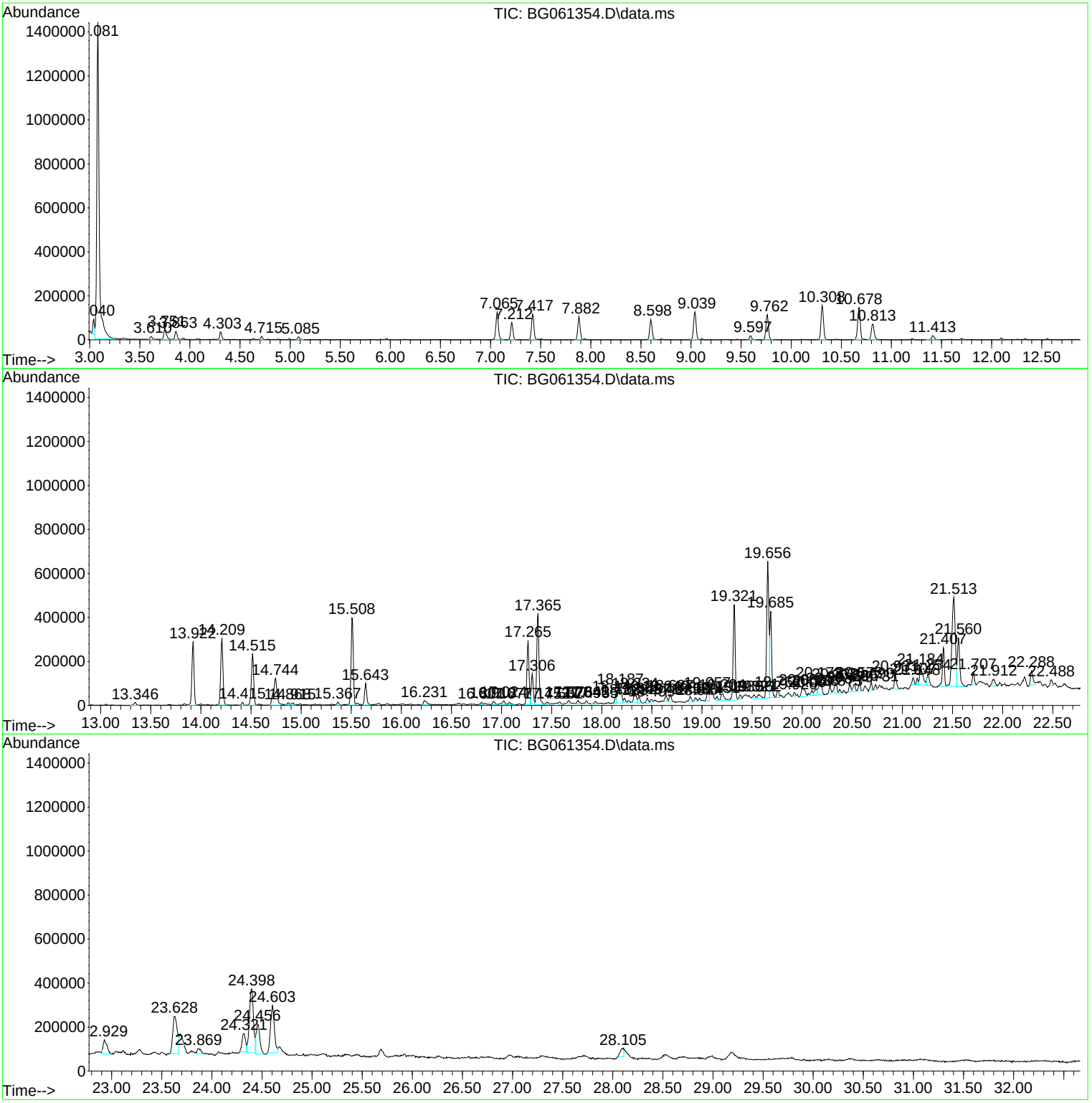
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

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 : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

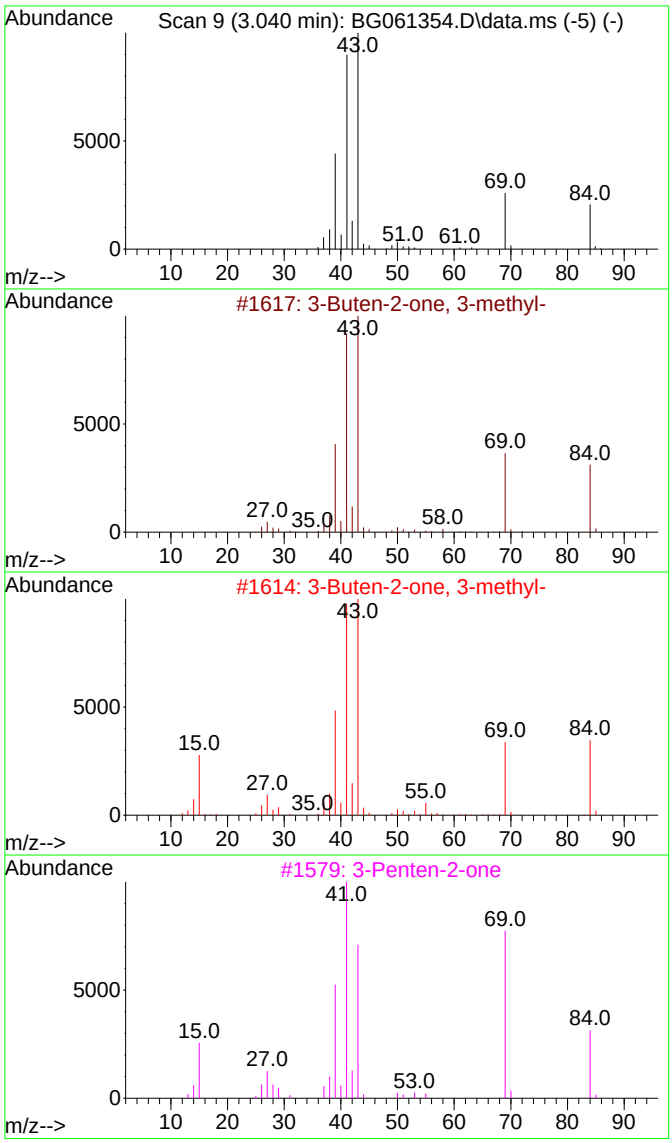
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

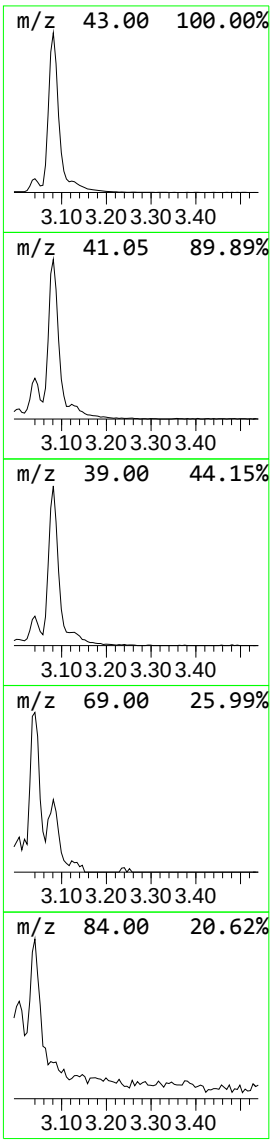
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	9.10 ng/ul	77699	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	91
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	72
3	3-Penten-2-one	84	C5H8O	000625-33-2	72
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	50
5	2-Butenal, (E)-	70	C4H6O	000123-73-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

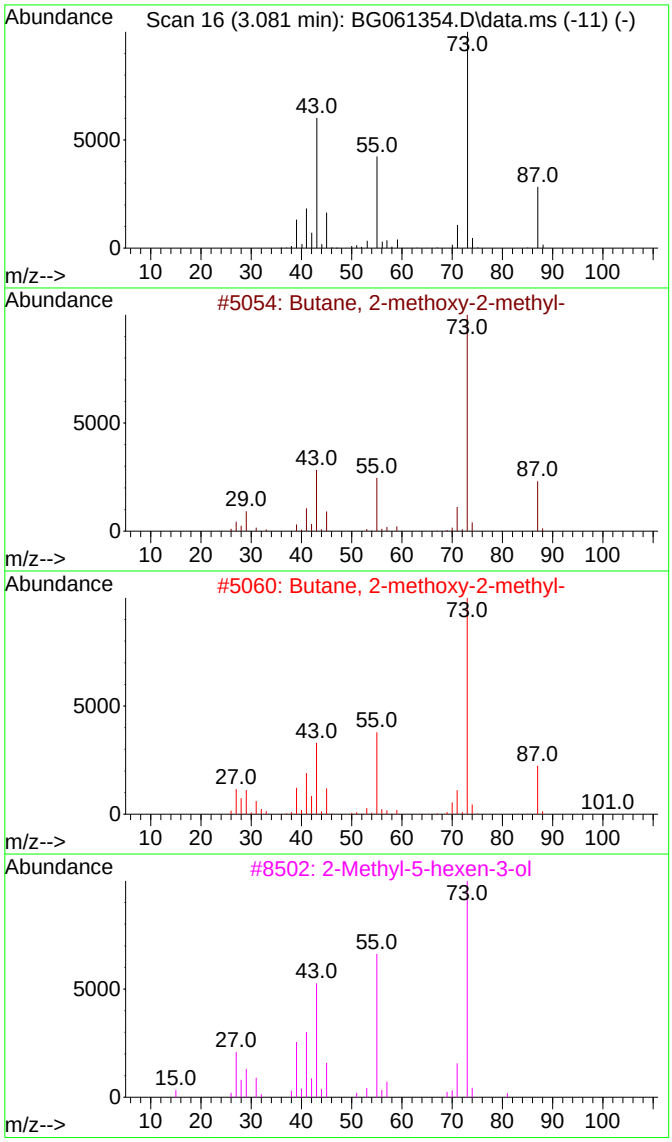
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

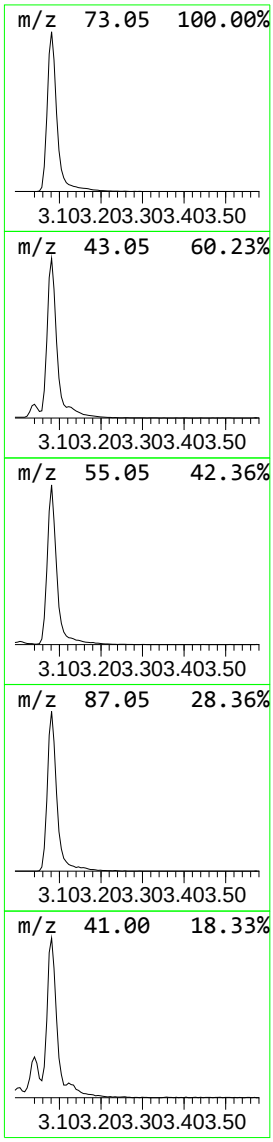
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	283.11 ng/ul	2417850	1,4-Dichlorobenzene-d4	7.882

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-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

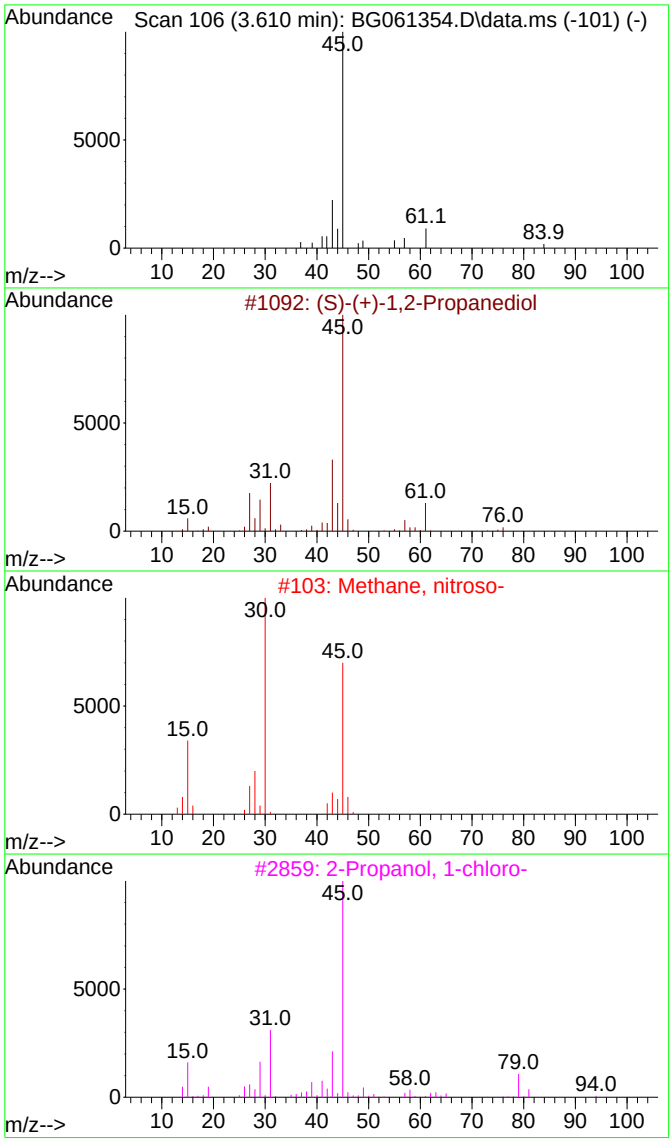
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

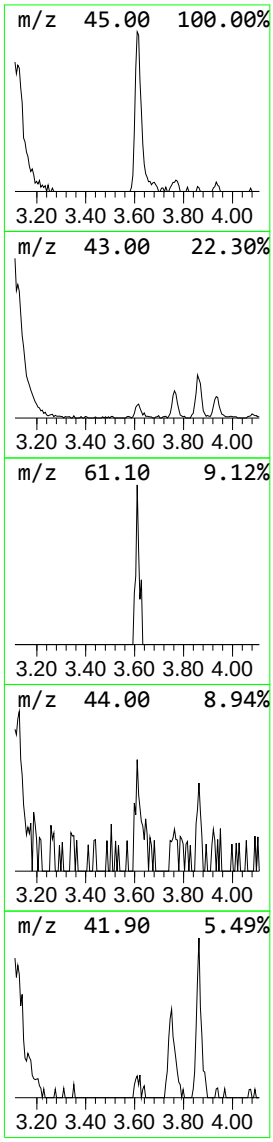
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.610	2.60 ng/ul	22197	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
2	Methane, nitroso-	45	CH3NO	000865-40-7	4
3	2-Propanol, 1-chloro-	94	C3H7ClO	000127-00-4	4
4	2,2-Dichloroethyl methyl ether	128	C3H6Cl2O	034862-07-2	4
5	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

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

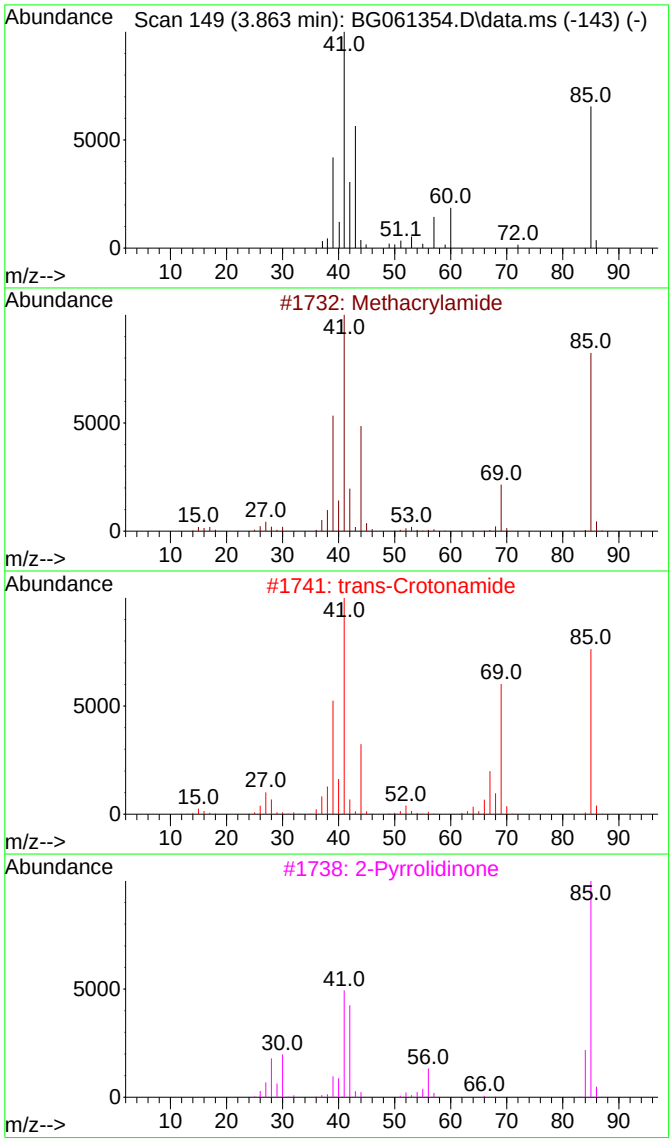
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

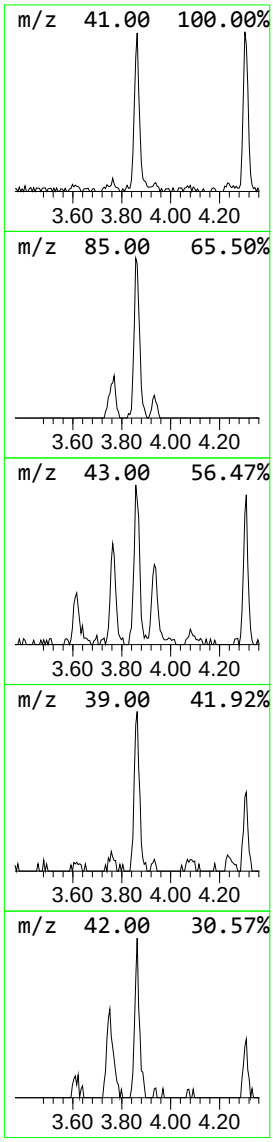
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.863	6.62 ng/ul	56510	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	38
2	trans-Crotonamide	85	C4H7NO	000625-37-6	36
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	25
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	25
5	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

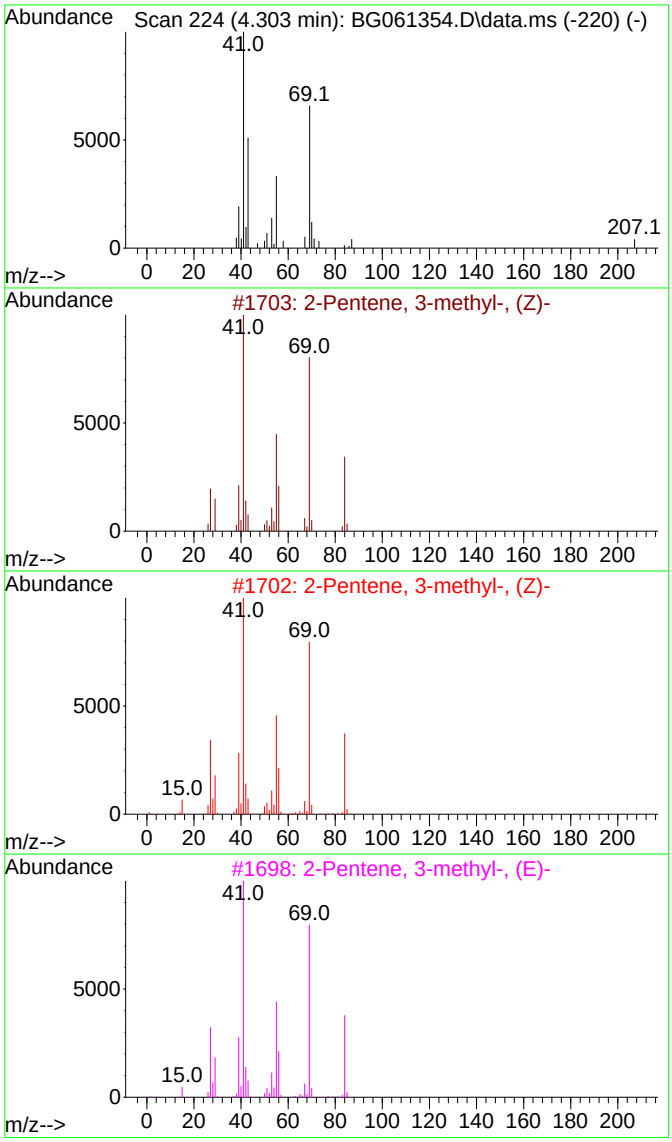
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

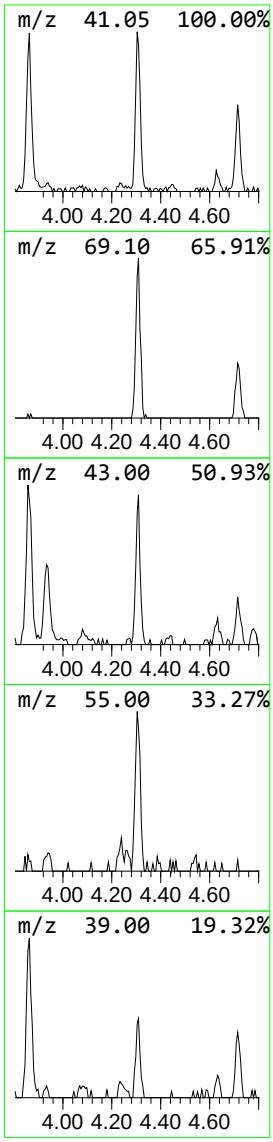
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.303	5.78 ng/ul	49333	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	53
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	43
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	37





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Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

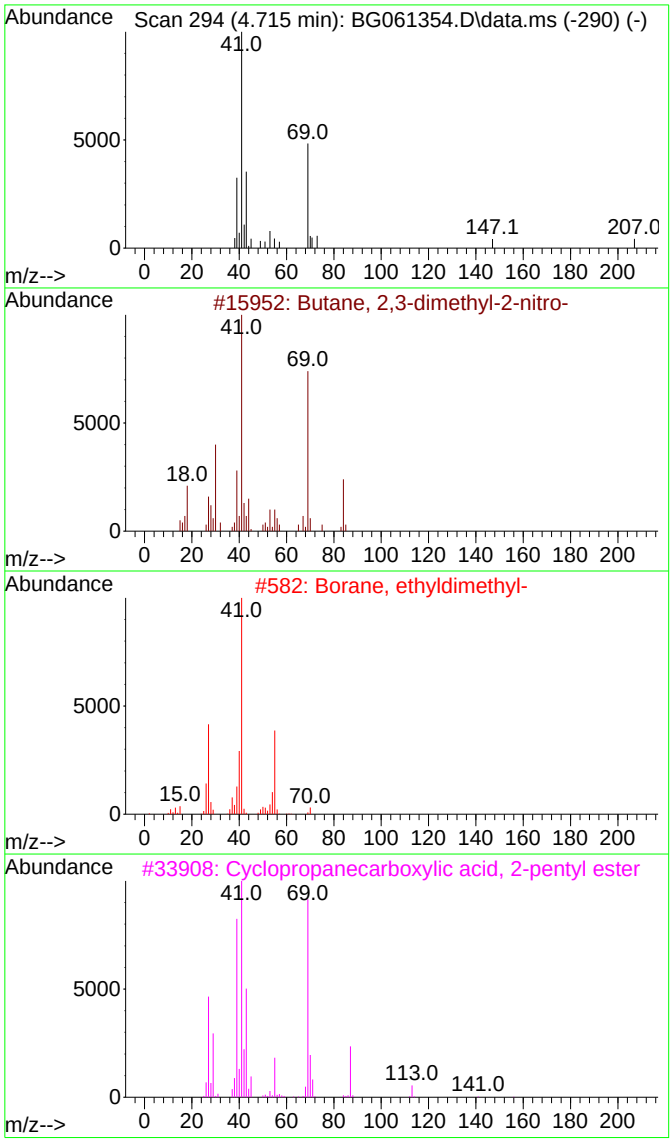
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

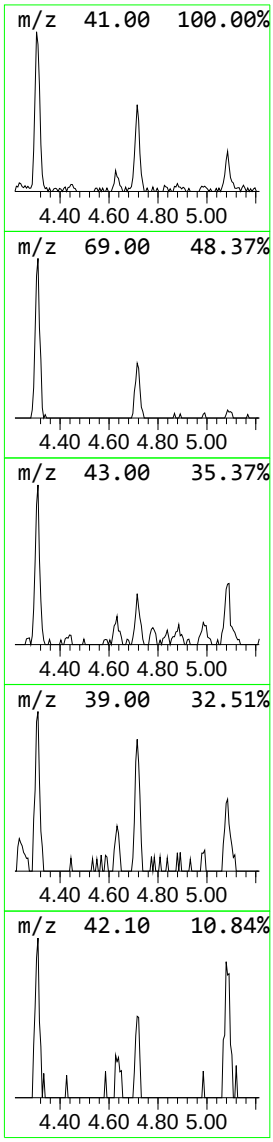
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.715	2.46 ng/ul	20981	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	17
2	Borane, ethyldimethyl-	70	C4H11B	001113-22-0	9
3	Cyclopropanecarboxylic acid, 2-p...	156	C9H16O2	1000278-80-0	9
4	N-Methyl methacrylamide	99	C5H9NO	003887-02-3	9
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	9





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Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

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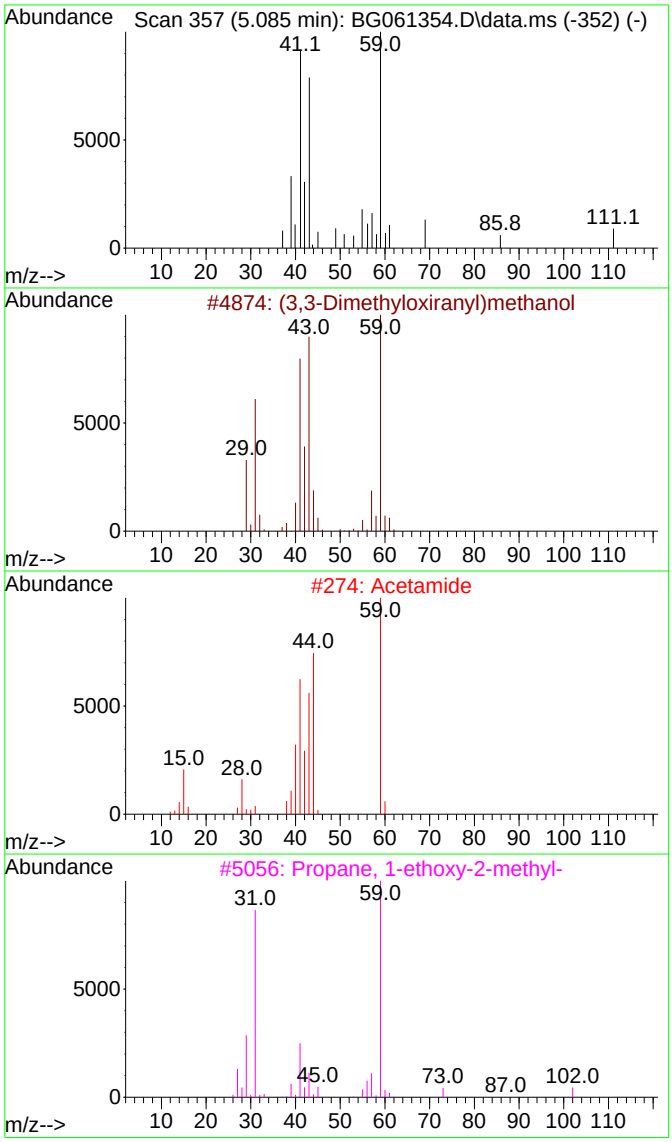
Quant Title : SVOA CALIBRATION

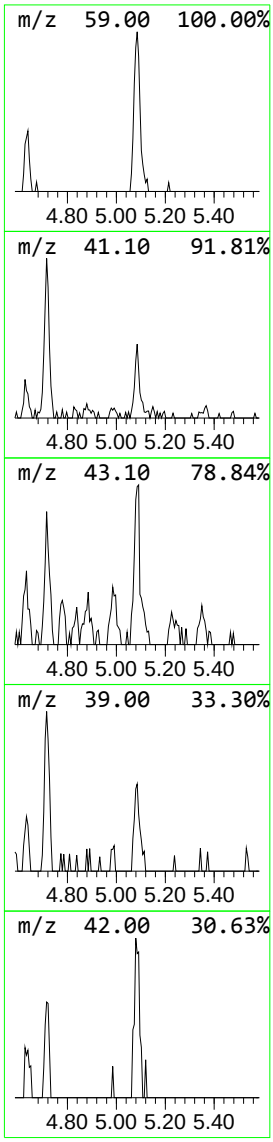
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (3,3-Dimethyloxiranyl)methanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.085	2.37 ng/ul	20222	1,4-Dichlorobenzene-d4	7.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	53
2	Acetamide	59	C2H5NO	000060-35-5	47
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	40
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	38
5	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	38





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

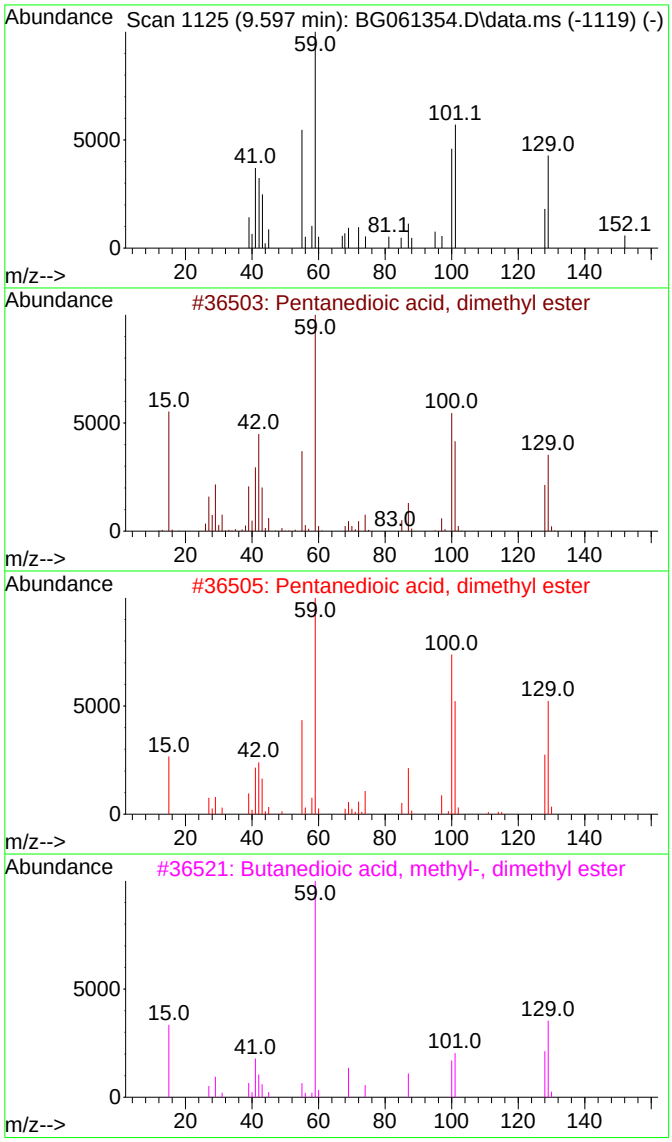
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

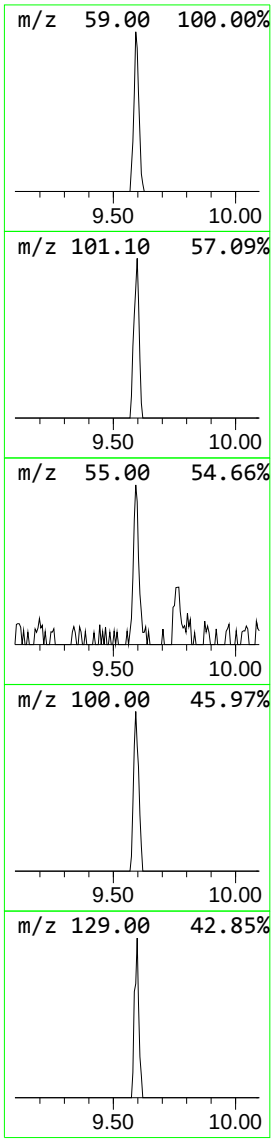
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentanedioic acid, dimethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.597	2.26 ng/ul	29744	Naphthalene-d8	10.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	64
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	47
3	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	38
4	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	32
5	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	25





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Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

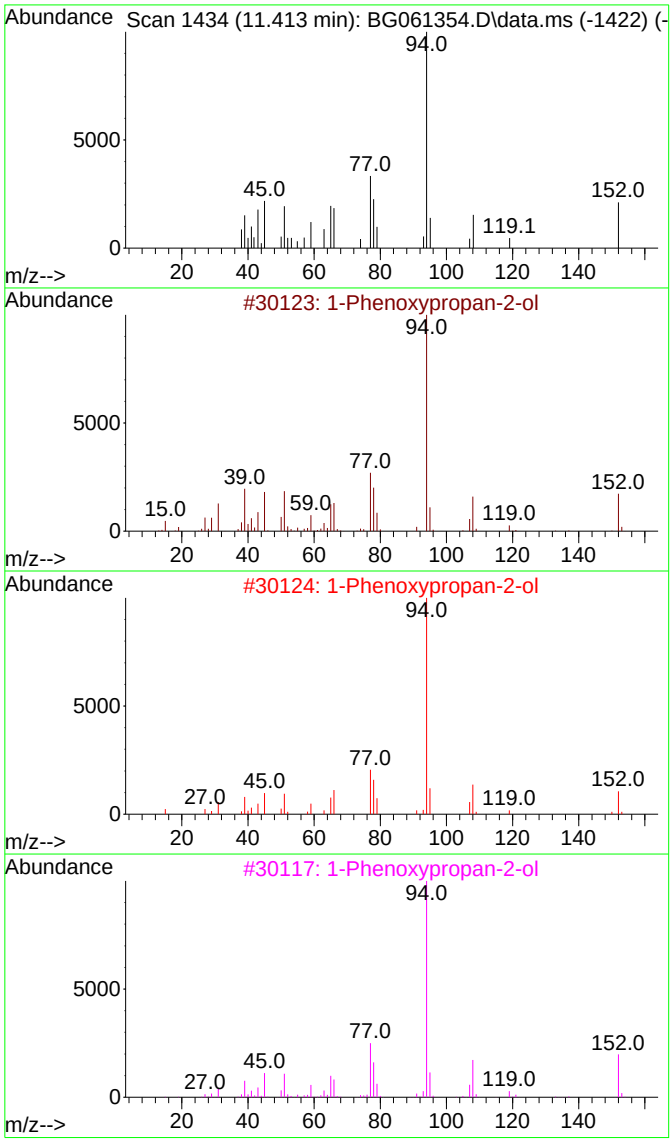
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

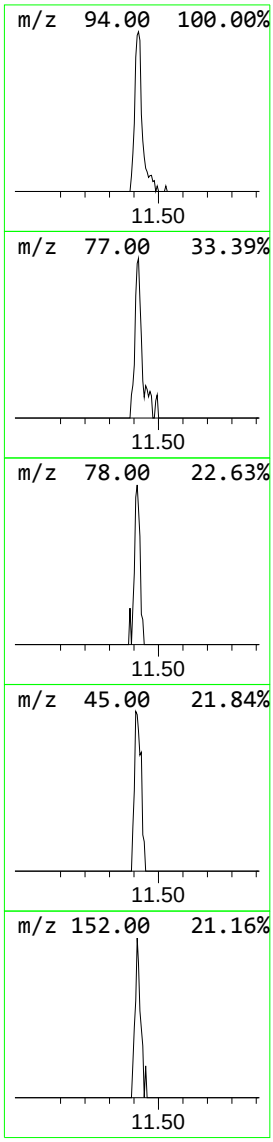
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Phenoxypropan-2-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.413	2.83 ng/ul	37189	Naphthalene-d8	10.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	72
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	58





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Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

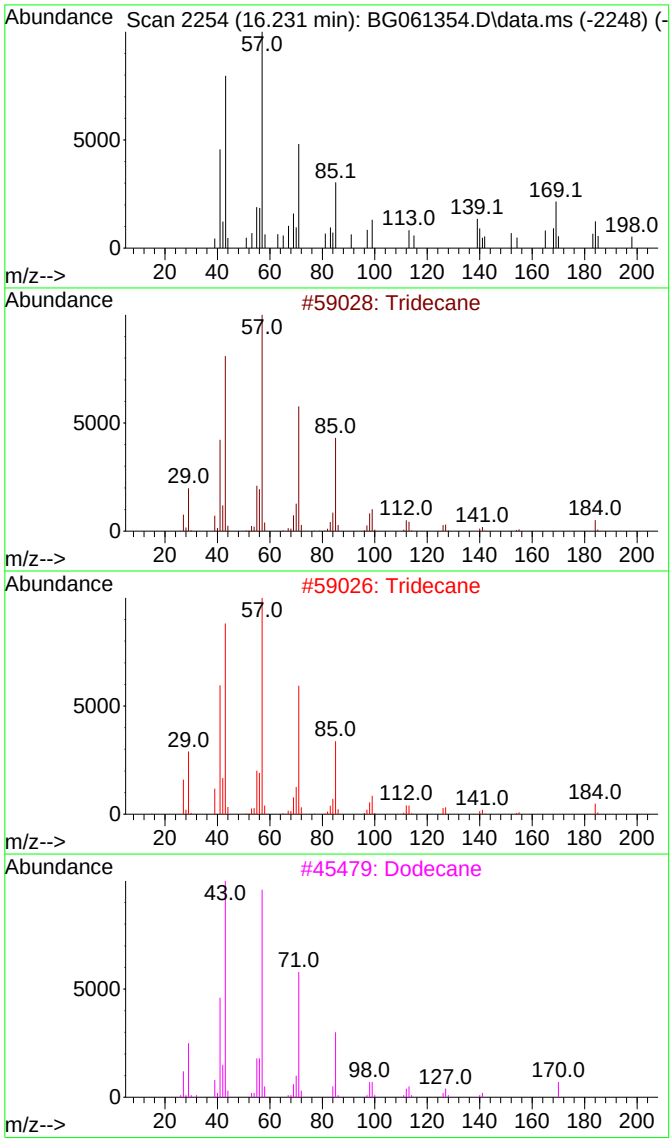
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

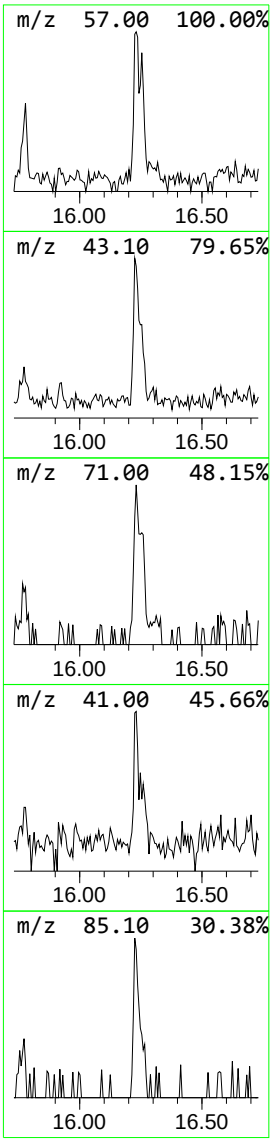
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.231	2.05 ng/ul	45436	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Tridecane	184	C13H28	000629-50-5	55
3	Dodecane	170	C12H26	000112-40-3	50
4	Tridecane	184	C13H28	000629-50-5	49
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	43





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Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

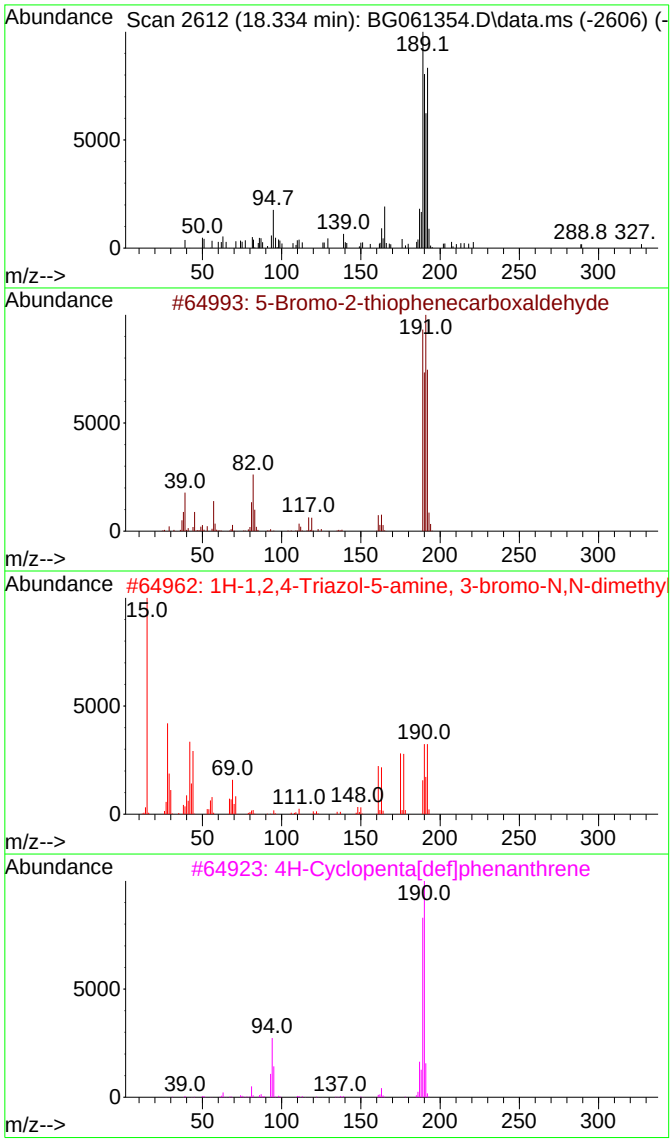
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

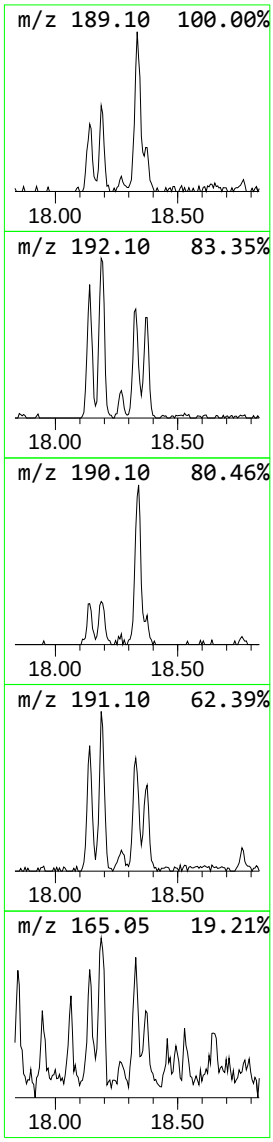
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5-Bromo-2-thiophenecarboxal... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	4.12 ng/ul	91318	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

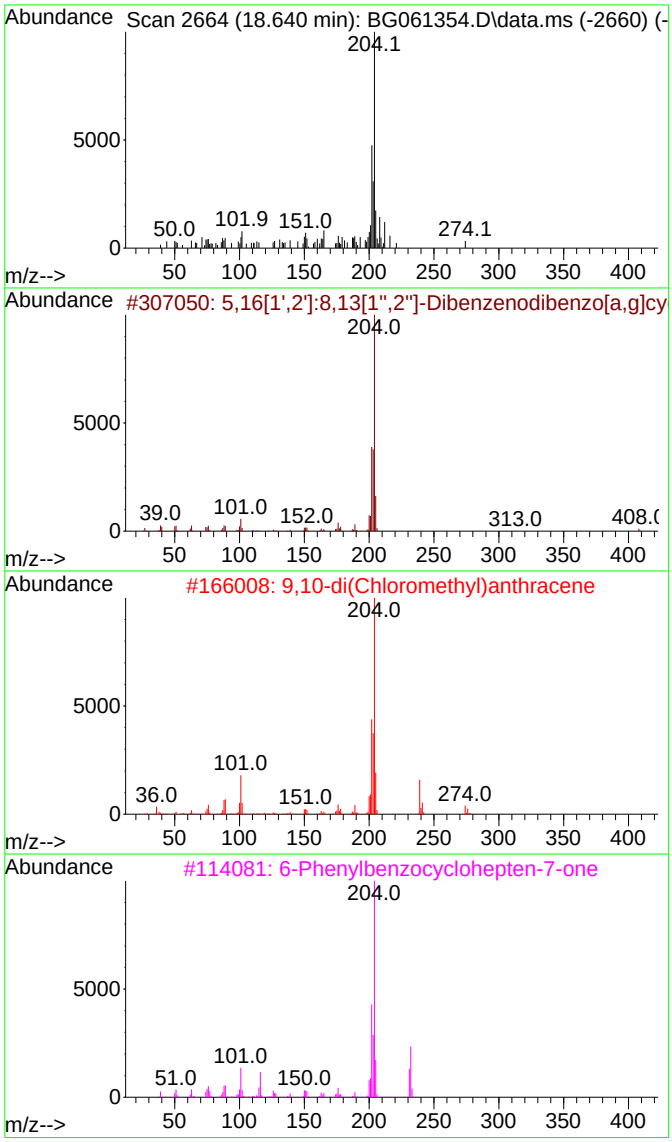
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

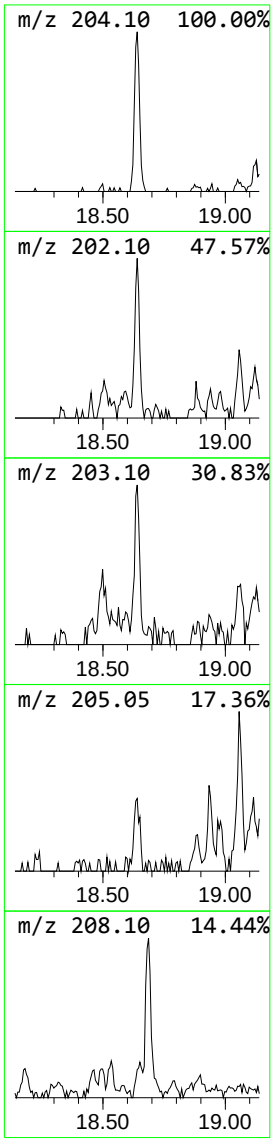
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	2.05 ng/ul	45455	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	70
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

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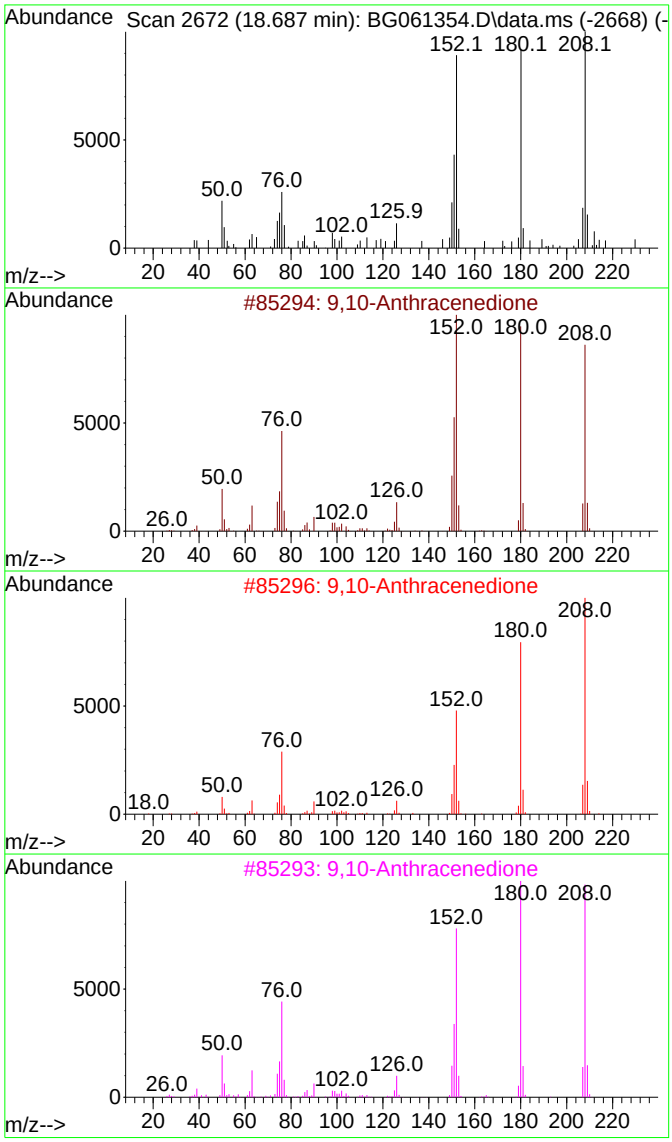
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

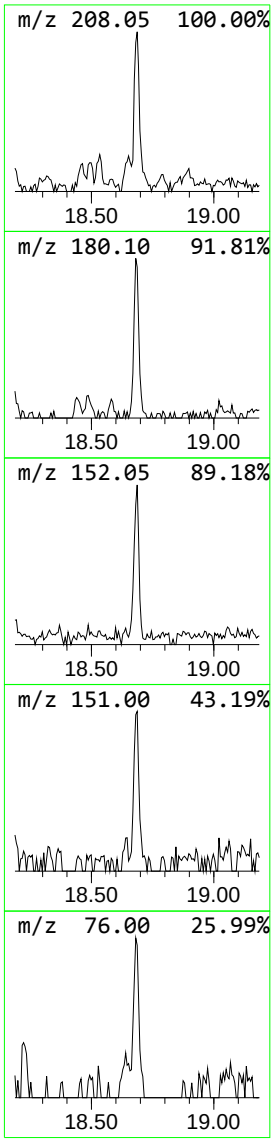
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	2.29 ng/ul	50749	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





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ALS Vial : 27 Sample Multiplier: 1

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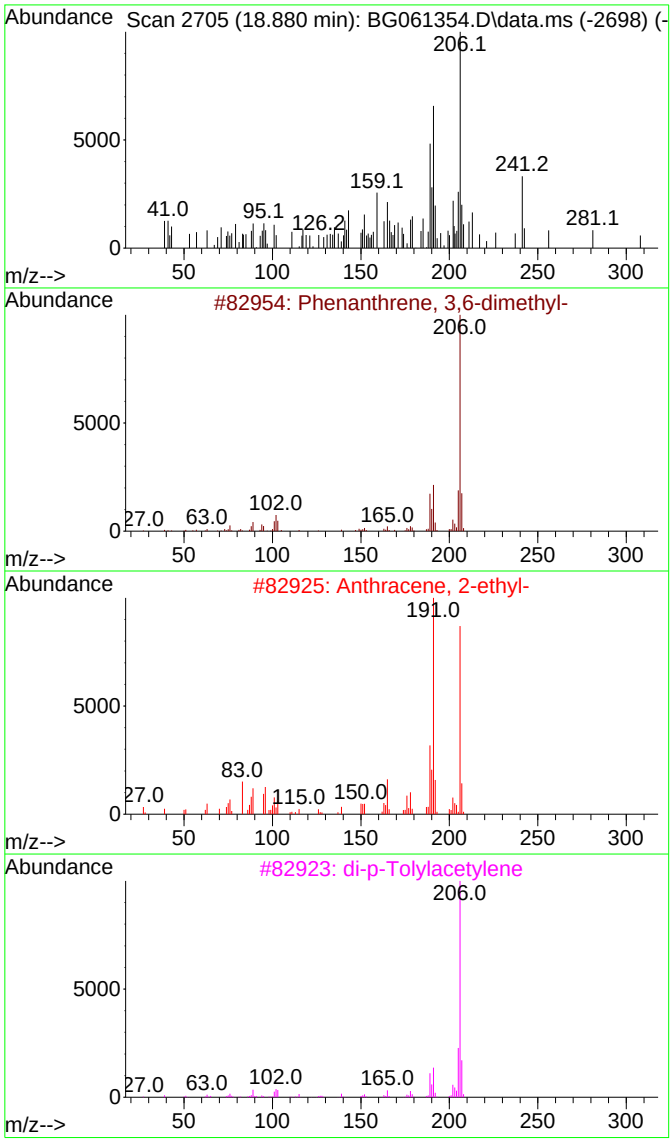
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

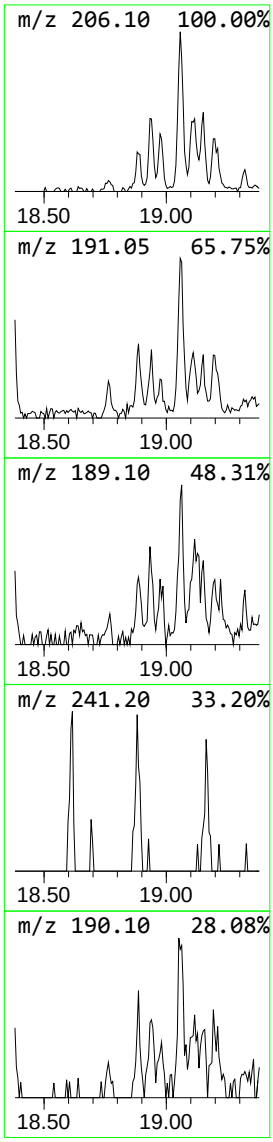
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.881	2.05 ng/ul	45360	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	78
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74





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Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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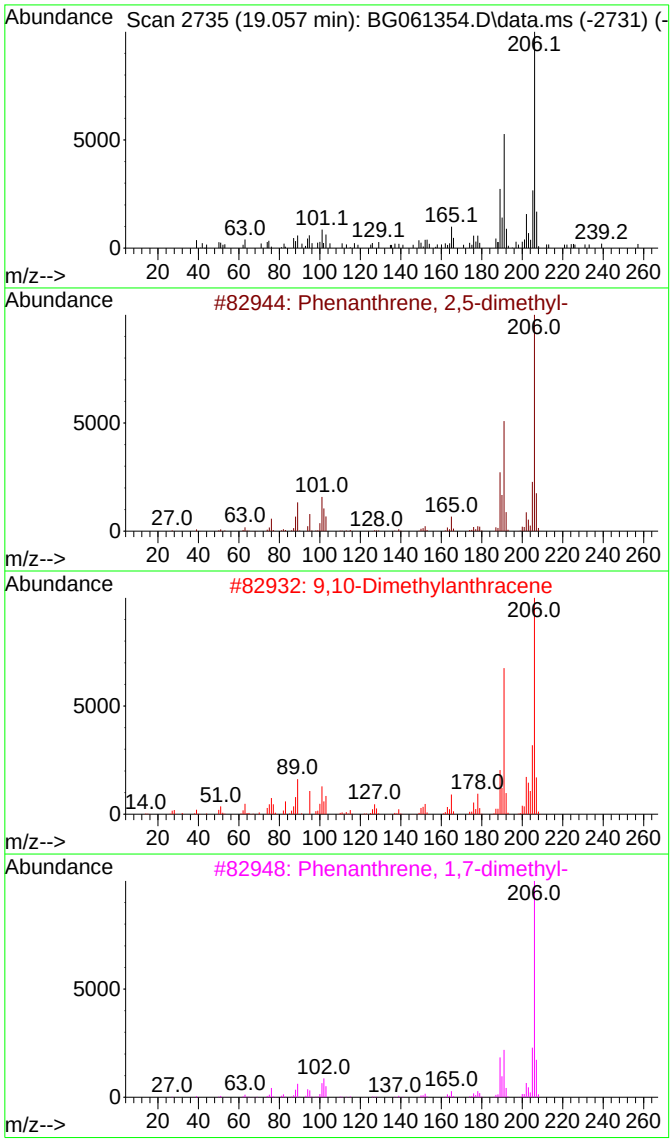
Quant Title : SVOA CALIBRATION

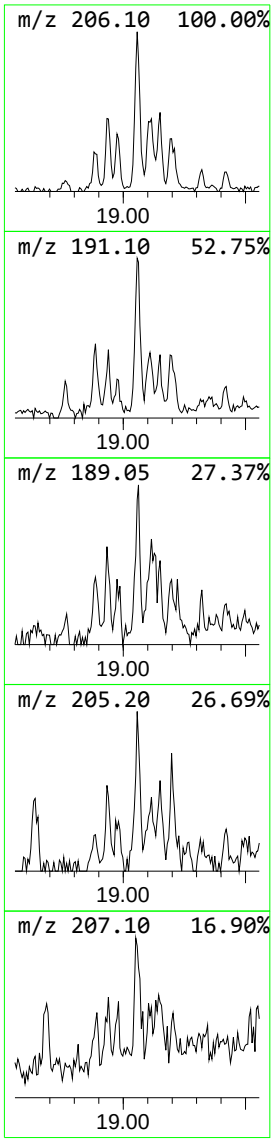
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	3.28 ng/ul	72687	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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ClientSampleId :
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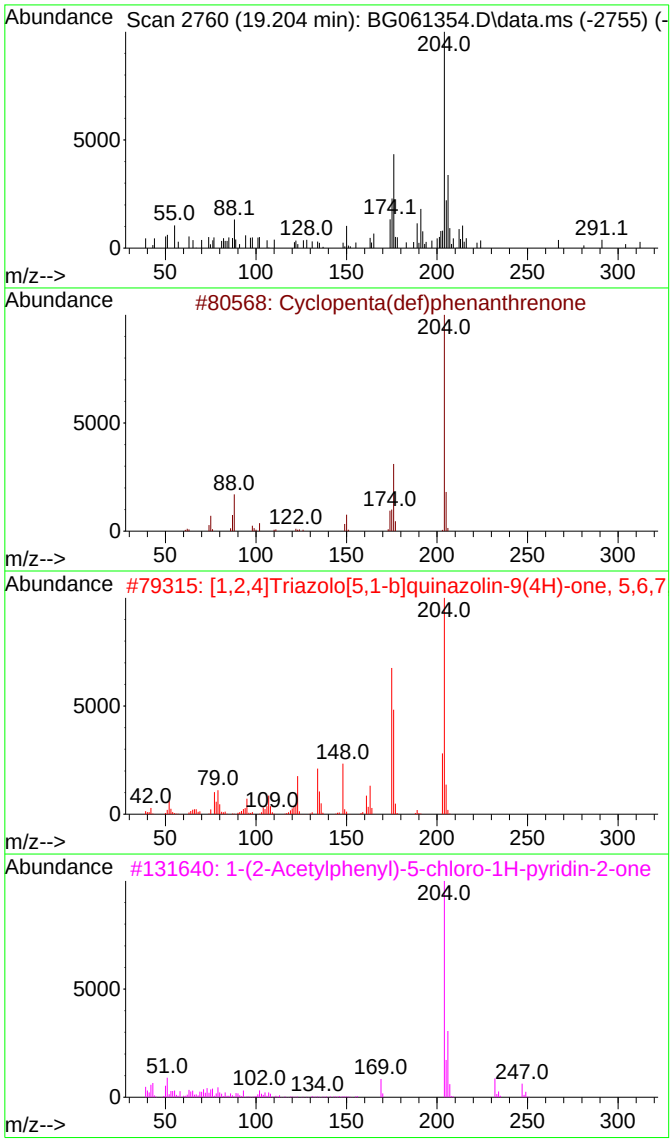
Quant Title : SVOA CALIBRATION

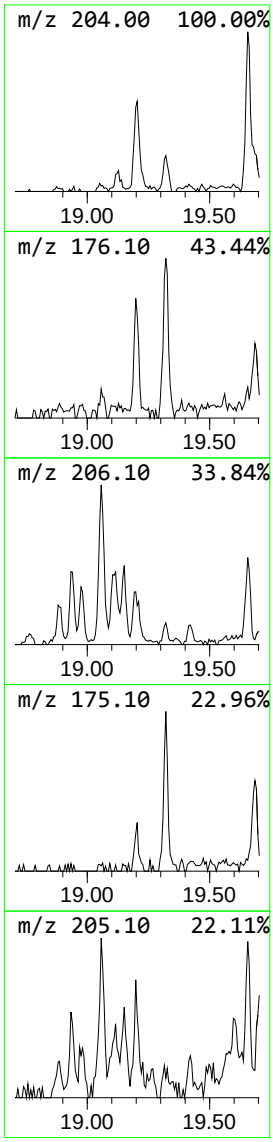
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	3.07 ng/ul	68033	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	58
2	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	47
3	1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





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Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

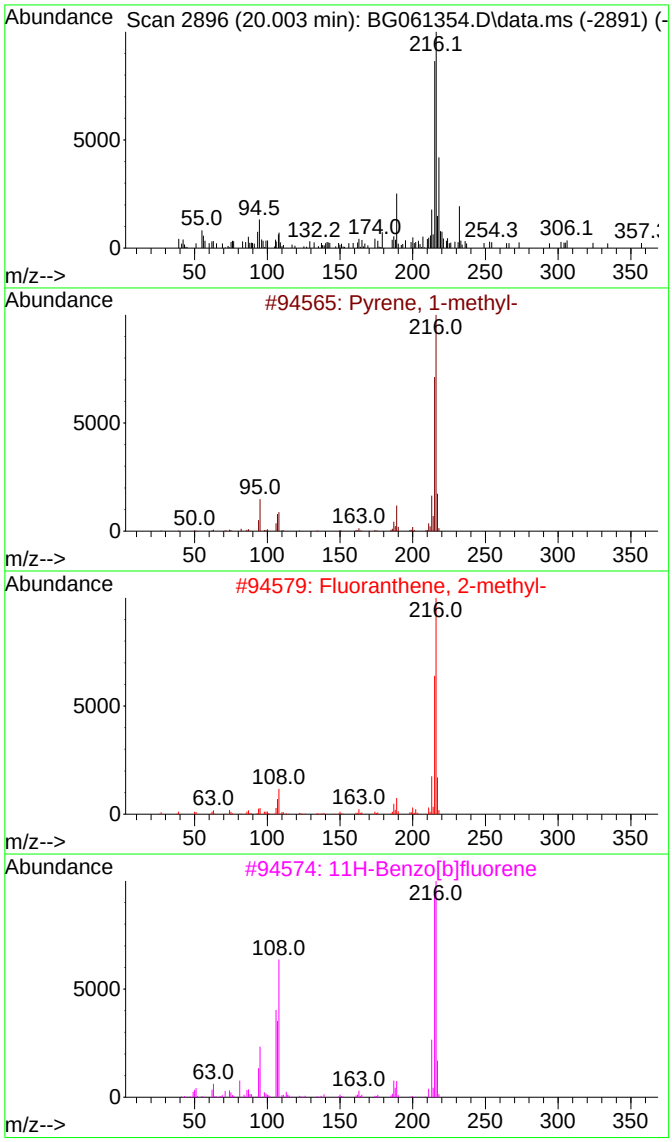
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

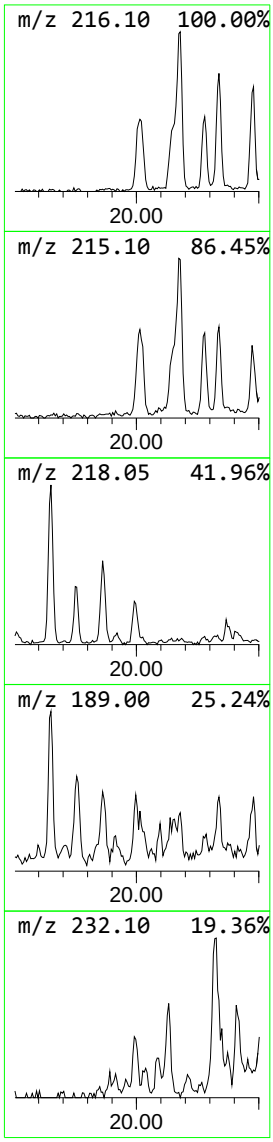
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.003	2.09 ng/ul	99835	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53





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Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

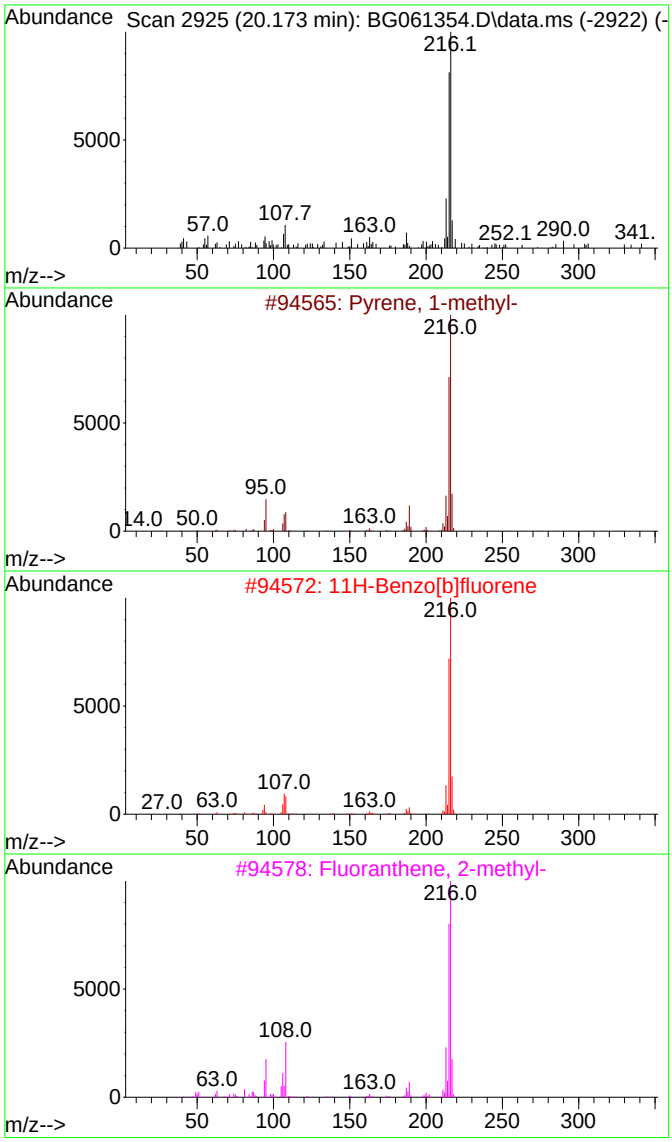
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

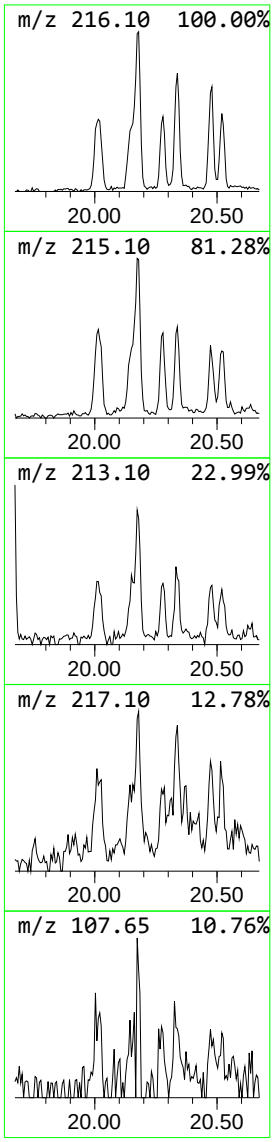
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.173	2.68 ng/ul	128108	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

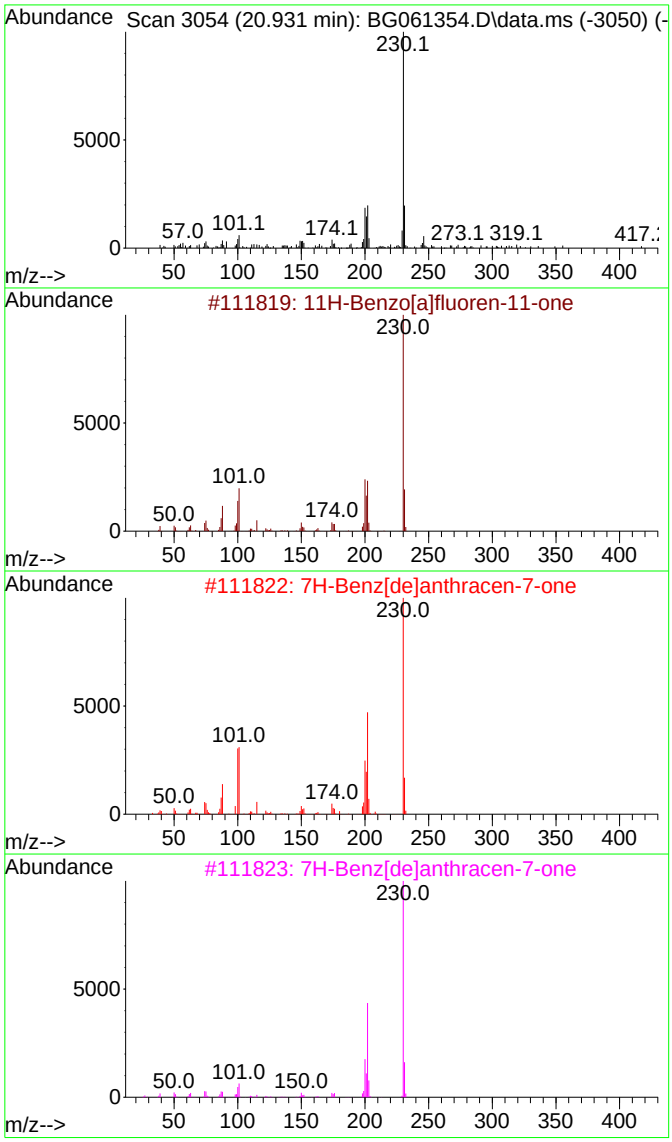
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

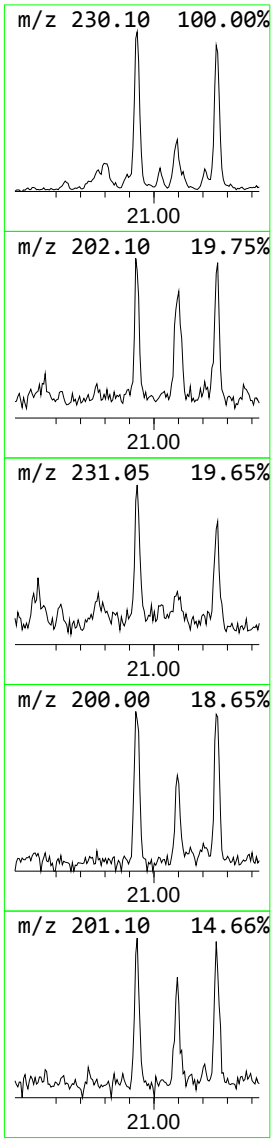
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.931	2.07 ng/ul	98850	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4	o-Terphenyl	230	C18H14	000084-15-1	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

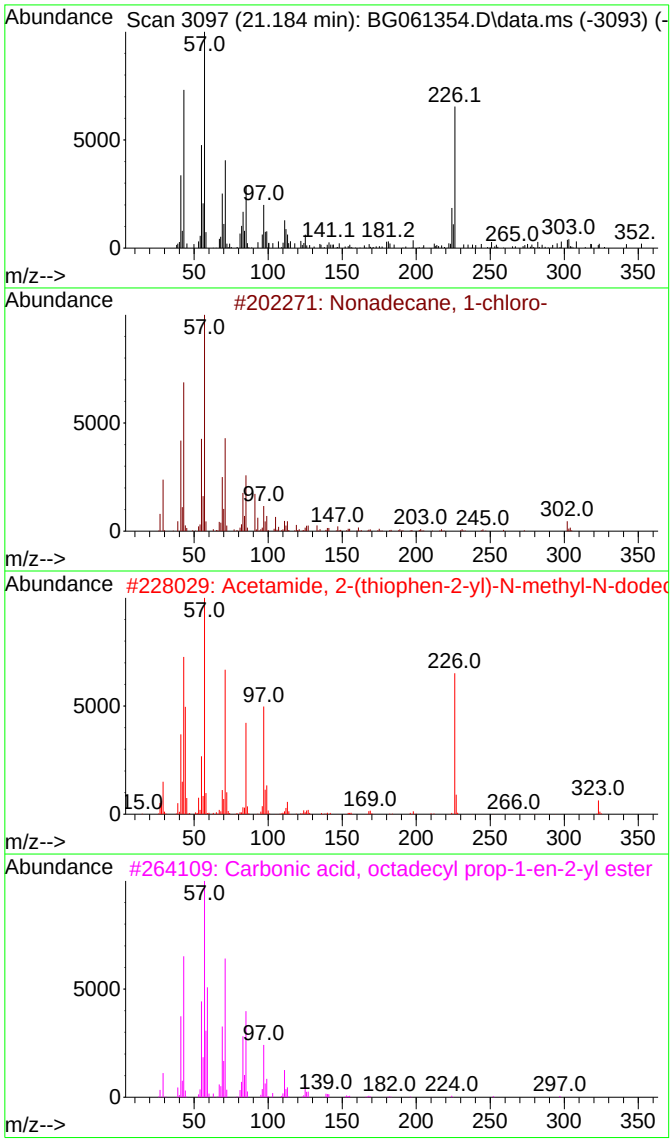
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

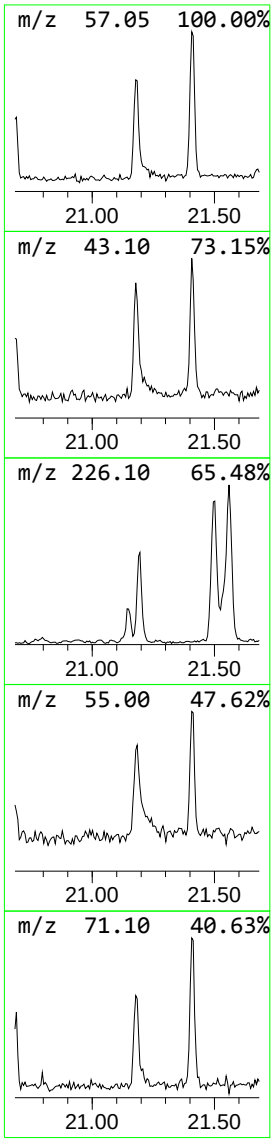
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Nonadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.184	3.74 ng/ul	178844	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	62
2	Acetamide, 2-(thiophen-2-yl)-N-m...	323	C19H33NOS	1000421-20-9	45
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	43
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	43
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	43





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Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

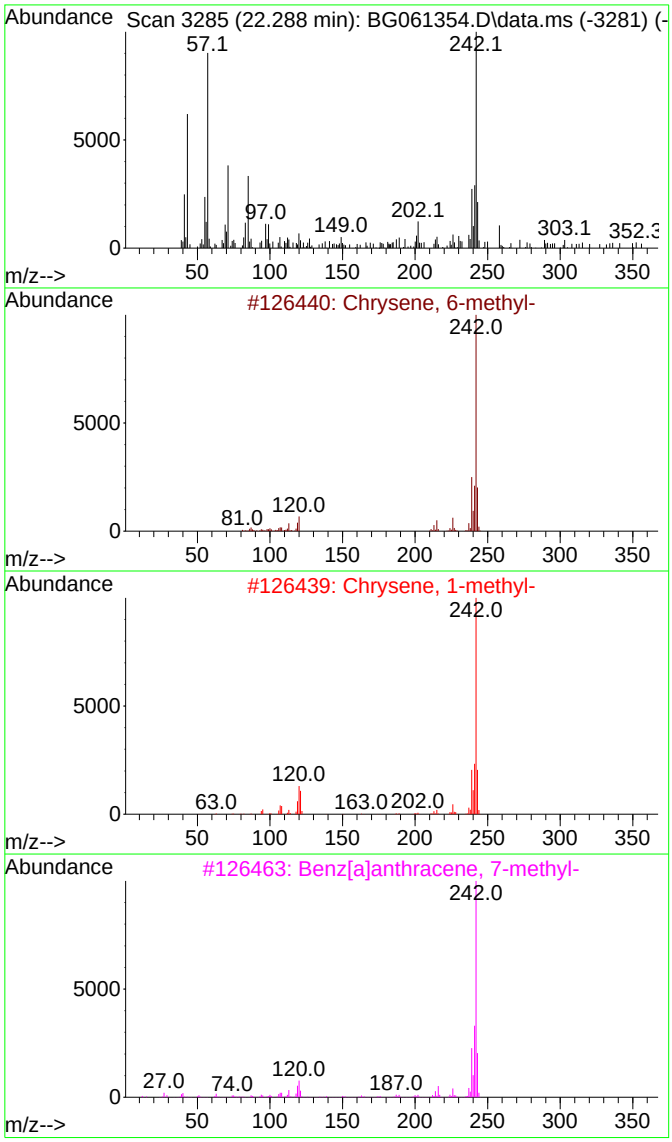
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

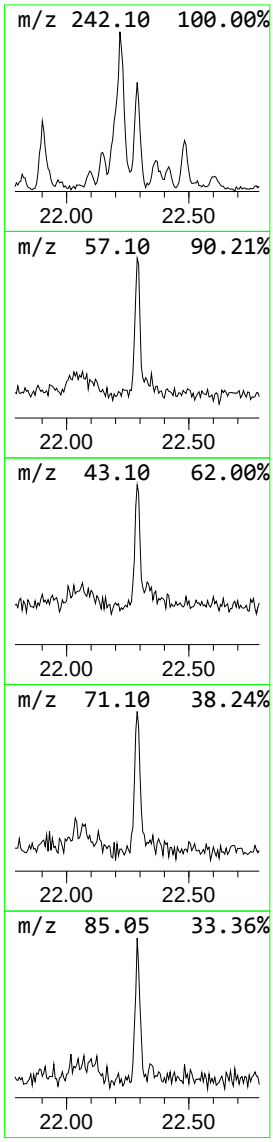
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Chrysene, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.288	2.45 ng/ul	117114	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	92
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	76
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	60
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

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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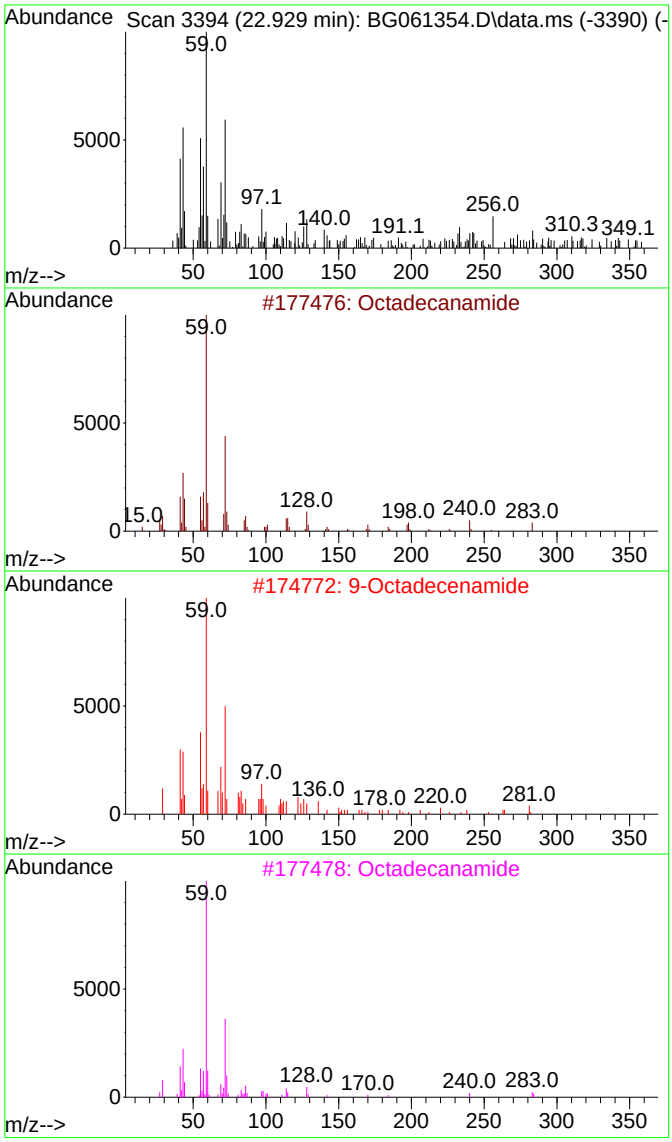
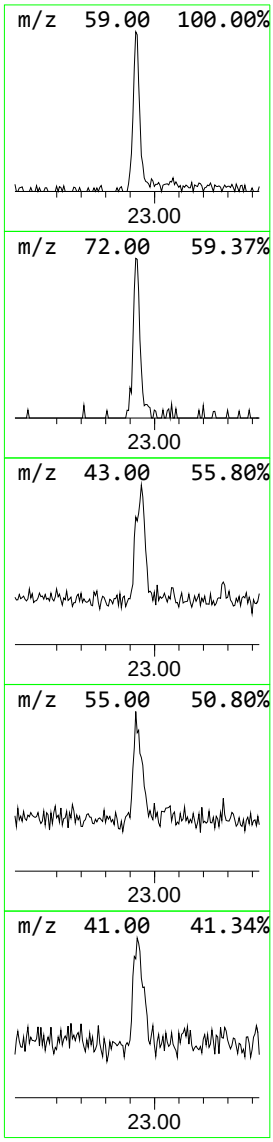
Peak Number 22 Octadecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.929	3.62 ng/ul	172979	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide	283	C18H37NO	000124-26-5	95
2	9-Octadecenamide	281	C18H35NO	003322-62-1	68
3	Octadecanamide	283	C18H37NO	000124-26-5	68
4	Octadecanamide	283	C18H37NO	000124-26-5	68
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	68





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Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

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

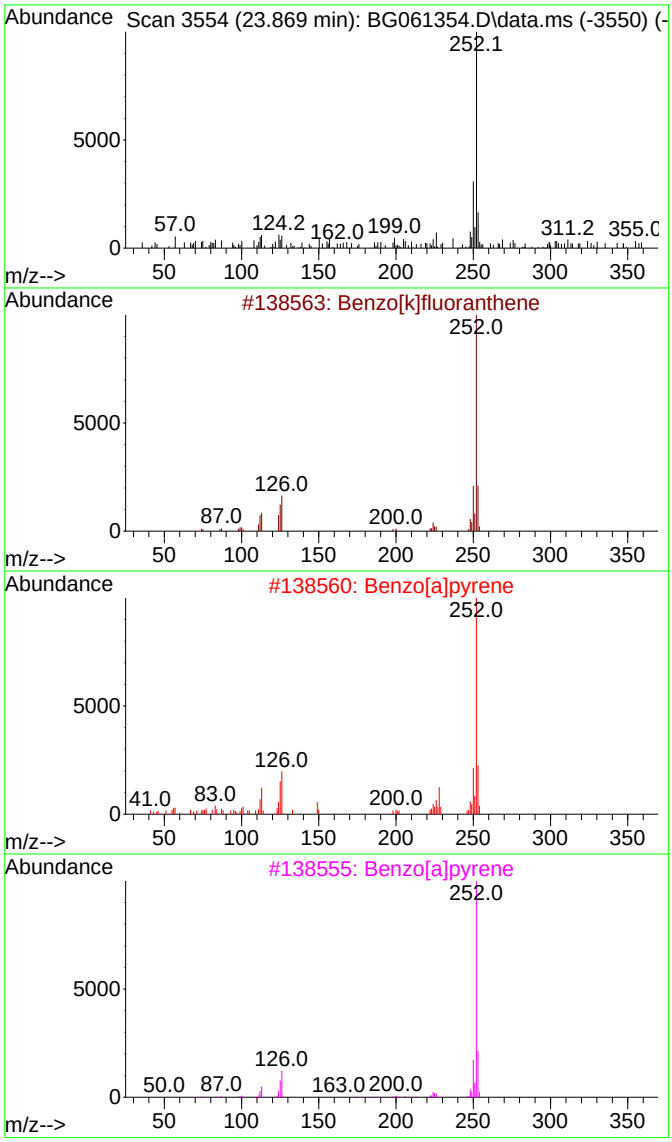
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

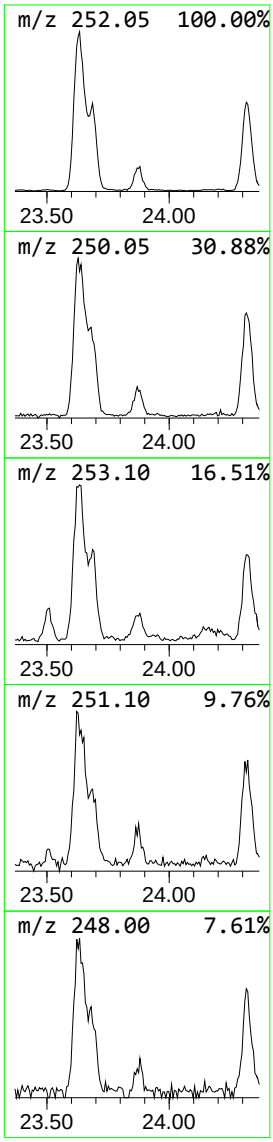
****

Peak Number 23 Benzo[j]fluoranthene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.869	2.30 ng/ul	65698	Perylene-d12	24.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
2	Benzo[a]pyrene	252	C20H12	000050-32-8	70
3	Benzo[a]pyrene	252	C20H12	000050-32-8	64
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

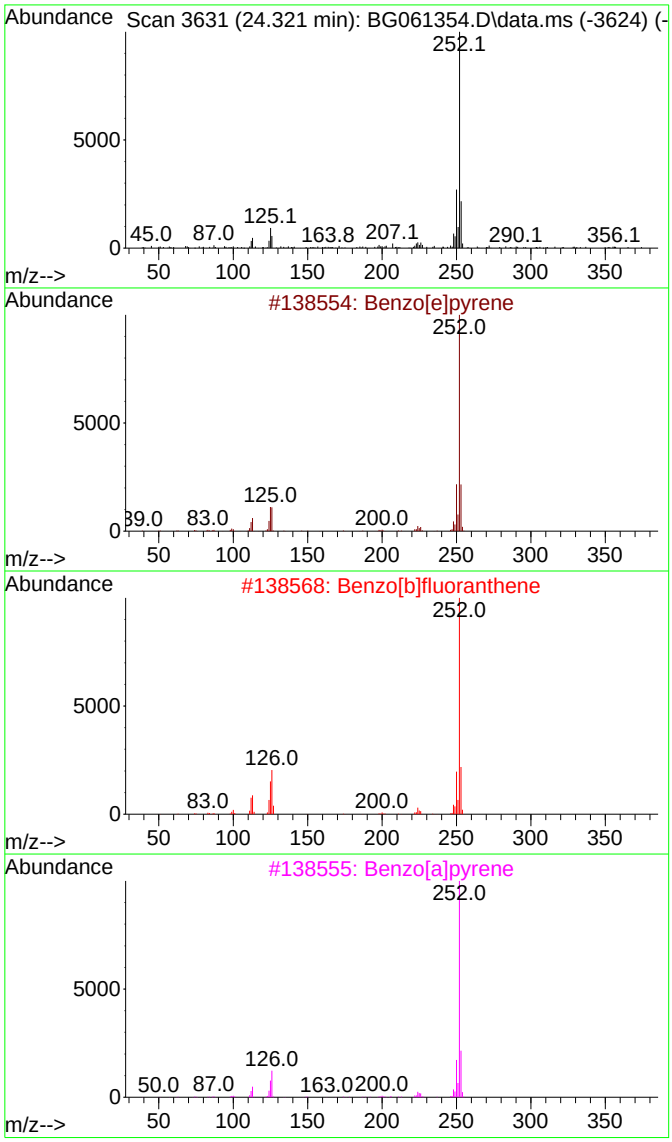
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

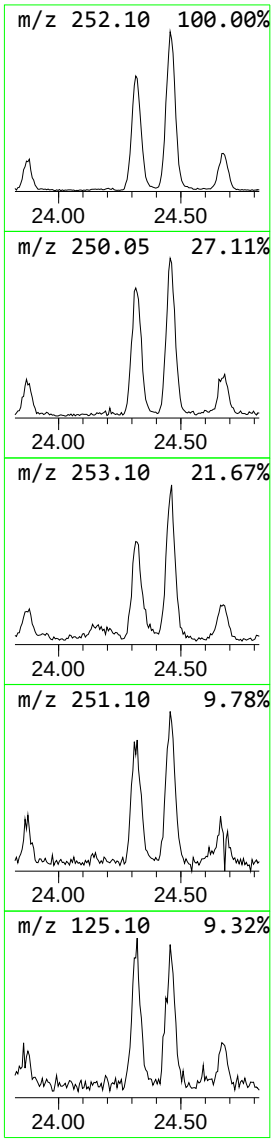
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.321	7.06 ng/ul	201373	Perylene-d12	24.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

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, ...	3.040	9.1	ng/ul	77699	1	7.882	170809	20.0
Butane, 2-metho...	3.081	283.1	ng/ul	2417850	1	7.882	170809	20.0
unknown-01	3.610	2.6	ng/ul	22197	1	7.882	170809	20.0
unknown-02	3.863	6.6	ng/ul	56510	1	7.882	170809	20.0
(DEL) Alkane: S...	4.303	5.8	ng/ul	49333	1	7.882	170809	20.0
unknown-03	4.715	2.5	ng/ul	20981	1	7.882	170809	20.0
(3,3-Dimethylox...	5.085	2.4	ng/ul	20222	1	7.882	170809	20.0
Pentanedioic ac...	9.597	2.3	ng/ul	29744	2	10.678	262860	20.0
1-Phenoxypropan...	11.413	2.8	ng/ul	37189	2	10.678	262860	20.0
(DEL) Alkane: S...	16.231	2.0	ng/ul	45436	4	17.265	442758	20.0
5-Bromo-2-thiop...	18.334	4.1	ng/ul	91318	4	17.265	442758	20.0
5,16[1',2']:8,1...	18.640	2.0	ng/ul	45455	4	17.265	442758	20.0
9,10-Anthracene...	18.687	2.3	ng/ul	50749	4	17.265	442758	20.0
Phenanthrene, 3...	18.881	2.0	ng/ul	45360	4	17.265	442758	20.0
Phenanthrene, 2...	19.057	3.3	ng/ul	72687	4	17.265	442758	20.0
Cyclopenta(def)...	19.204	3.1	ng/ul	68033	4	17.265	442758	20.0
Pyrene, 1-methyl-	20.003	2.1	ng/ul	99835	5	21.519	956611	20.0
11H-Benzo[b]flu...	20.173	2.7	ng/ul	128108	5	21.519	956611	20.0
11H-Benzo[a]flu...	20.931	2.1	ng/ul	98850	5	21.519	956611	20.0
Nonadecane, 1-c...	21.184	3.7	ng/ul	178844	5	21.519	956611	20.0
Chrysene, 6-met...	22.288	2.5	ng/ul	117114	5	21.519	956611	20.0
Octadecanamide	22.929	3.6	ng/ul	172979	5	21.519	956611	20.0
Benzo[j]fluoran...	23.869	2.3	ng/ul	65698	6	24.603	570160	20.0
Benzo[e]pyrene	24.321	7.1	ng/ul	201373	6	24.603	570160	20.0