LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBL8

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: BG061466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	9	15	50	rVB	1084663	1871098	100.00%	10.364%
2	3.605	100	105	116	rBV	35966	56723	3.03%	0.314%
3	3.740	123	128	139	rBV2	40766	69523	3.72%	0.385%
4	3.852	143	147	153	rVV	16884	22891	1.22%	0.127%
5	7.066	687	694	705	rVB	130539	224573	12.00%	1.244%
6	7.207	711	718	726	rBV	83111	136916	7.32%	0.758%
7	7.413	746	753	758	rBV	128555	213985	11.44%	1.185%
8	7.460	758	761	771	rVB	25351	45056	2.41%	0.250%
9	7.877	823	832	838	rBV	114256	194118	10.37%	1.075%
10	8.599	948	955	965	rBV	120429	211725	11.32%	1.173%
11	9.034	1021	1029	1036	rBV	127673	224262	11.99%	1.242%
12	9.586	1118	1123	1128	rBV3	15054	21679	1.16%	0.120%
13	9.757	1144	1152	1160	rVB	115691	200984	10.74%	1.113%
14	10.309	1239	1246	1255	rBV	157254	284829	15.22%	1.578%
15	10.438	1261	1268	1280	rBV	40368	74764	4.00%	0.414%
16	10.668	1297	1307	1314	rBV	170010	285835	15.28%	1.583%
17	10.809	1325	1331	1342	rBV	61316	113900	6.09%	0.631%
18	11.196	1393	1397	1402	rVB2	7743	11017	0.59%	0.061%
19	11.408	1427	1433	1446	rBV	47500	94557	5.05%	0.524%
20	13.917	1851	1860	1867	rBV	275495	387610	20.72%	2.147%
21	14.205	1903	1909	1919	rVB2	287446	452265	24.17%	2.505%
22	14.510	1952	1961	1968	rBV	248923	389508	20.82%	2.158%
23	14.716	1990	1996	1997	rBV2	158269	228882	12.23%	1.268%
24	14.733	1997	1999	2002	rVB	113695	121079	6.47%	0.671%
25	14.874	2019	2023	2027	rBV4	8724	12711	0.68%	0.070%
26	15.509	2124	2131	2136	rVV	367530	557195	29.78%	3.086%
27	15.562	2136	2140	2144	rVV3	8015	13047	0.70%	0.072%
28	15.650	2150	2155	2164	rBV	102658	151040	8.07%	0.837%
29	16.226	2246	2253	2254	rBV5	7121	13360	0.71%	0.074%
30	16.566	2305	2311	2316	rVV5	3987	10391	0.56%	0.058%
31	16.919	2365	2371	2378	rVB4	11736	20105	1.07%	0.111%
32	17.013	2380	2387	2391	rBV5	15088	21532	1.15%	0.119%
33	17.084	2394	2399	2402	rBV2	5956	9750	0.52%	0.054%
34	17.260	2423	2429	2433	rBV	322744	480567	25.68%	2.662%
35	17.307	2433	2437	2441	rVV	142108	209311	11.19%	1.159%
36	17.360	2441	2446	2457	rVB	386625	581262	31.07%	3.220%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
BHBL8

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	17.448	2457	2461	2466	rBV4	7852	12885	0.69%	0.071%
38	17.577	2479	2483	2489	rVB4	6846	9896	0.53%	0.055%
39	17.665	2489	2498	2503	rBV3	14949	30698	1.64%	0.170%
40	17.841	2525	2528	2537	rBV6	10322	17376	0.93%	0.096%
41	17.930	2539	2543	2548	rVV3	16491	24045	1.29%	0.133%
42	18.141	2570	2579	2580	rBV	34816	50570	2.70%	0.280%
43	18.159	2580	2582	2584	rVV	38700	51528	2.75%	0.285%
44	18.188	2584	2587	2591	rVV	55606	83580	4.47%	0.463%
45	18.223	2591	2593	2597	rVV	15478	19777	1.06%	0.110%
46	18.270	2597	2601	2604	rVV5	6936	10494	0.56%	0.058%
47	18.329	2606	2611	2616	rVV2	49408	89785	4.80%	0.497%
48	18.370	2616	2618	2624	rVB	26856	31248	1.67%	0.173%
49	18.453	2627	2632	2635	rBV4	10906	19782	1.06%	0.110%
50	18.494	2635	2639	2644	rVV3	17620	33945	1.81%	0.188%
51	18.535	2644	2646	2652	rVV5	13136	21799	1.17%	0.121%
52	18.582	2652	2654	2659	rVV6	6457	10334	0.55%	0.057%
53	18.641	2659	2664	2668	rVV	30181	49387	2.64%	0.274%
54	18.688	2668	2672	2680	rVV	36173	53674	2.87%	0.297%
55	18.881	2703	2705	2710	rVB4	13312	16094	0.86%	0.089%
56	18.934	2711	2714	2718	rBV	12325	15091	0.81%	0.084%
57	18.970	2718	2720	2724	rVB4	11733	15785	0.84%	0.087%
58	19.058	2731	2735	2741	rBV4	28767	67106	3.59%	0.372%
59	19.228	2755	2764	2769	rVB8	75727	145169	7.76%	0.804%
60	19.322	2771	2780	2786	rBV	428107	600286	32.08%	3.325%
61	19.381	2786	2790	2793	rBV4	12134	17185	0.92%	0.095%
62	19.416	2793	2796	2799	rBV4	12347	14090	0.75%	0.078%
63	19.522	2810	2814	2817	rBV4	10362	16812	0.90%	0.093%
64	19.563	2818	2821	2825	rVV2	13148	18575	0.99%	0.103%
65	19.657	2831	2837	2840	rBV	592205	917552	49.04%	5.082%
66	19.686	2840	2842	2849	rVB	388025	443943	23.73%	2.459%
67	19.757	2850	2854	2858	rVB2	25302	38665	2.07%	0.214%
68	19.863	2868	2872	2878	rVB	20885	42239	2.26%	0.234%
69	19.927	2878	2883	2887	rBV3	21862	38534	2.06%	0.213%
70	20.004	2891	2896	2903	rBV3	30889	81185	4.34%	0.450%
71	20.145	2916	2920	2921	rBV3	21871	32452	1.73%	0.180%
72	20.180	2922	2926	2932	rVB2	66870	113860	6.09%	0.631%
73	20.280	2939	2943	2946	rBV2	33063	44285	2.37%	0.245%
74	20.339	2948	2953	2956	rVB2	39946	65909	3.52%	0.365%
75	20.480	2973	2977	2981	rBV	27189	41732	2.23%	0.231%
76	20.521	2981	2984	2989	rVV	31092	40377	2.16%	0.224%

LSC Area Percent Report

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Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	20.668	3005	3009	3016	rVB2	118738	163138	8.72%	0.904%
78	20.932	3050	3054	3061	rBV	61311	93817	5.01%	0.520%
79	21.108	3080	3084	3087	rBV3	36890	54756	2.93%	0.303%
80	21.149	3089	3091	3093	rVV	32713	37212	1.99%	0.206%
81	21.179	3093	3096	3104	rVV4	86735	205702	10.99%	1.139%
82	21.261	3107	3110	3117	rVB	52626	82902	4.43%	0.459%
83	21.402	3132	3134	3139	rVB	45268	57866	3.09%	0.321%
84	21.514	3146	3153	3158	rBV2	422248	966457	51.65%	5.353%
85	21.561	3158	3161	3172	rVB	228024	367017	19.62%	2.033%
86	21.708	3182	3186	3192	rBV3	39591	68064	3.64%	0.377%
87	22.289	3280	3285	3294	rBV4	65929	137122	7.33%	0.760%
88	22.930	3390	3394	3405	rVB6	54592	140844	7.53%	0.780%
89	23.276	3448	3453	3461	rVB5	95825	189237	10.11%	1.048%
90	23.635	3507	3514	3521	rBV2	165094	489715	26.17%	2.713%
91	23.705	3521	3526	3534	rVB2	155445	378582	20.23%	2.097%
92	23.793	3538	3541	3548	rVB8	39605	77531	4.14%	0.429%
93	24.328	3625	3632	3637	rBV	81099	218516	11.68%	1.210%
94	24.398	3637	3644	3651	rVV2	286336	786342	42.03%	4.356%
95	24.469	3651	3656	3667	rVB	145759	347497	18.57%	1.925%
96	24.610	3672	3680	3689	rBV2	231739	635388	33.96%	3.520%
97	25.685	3854	3863	3873	rVB2	149322	440091	23.52%	2.438%
98	28.129	4269	4279	4290	rVB3	58348	231034	12.35%	1.280%
99	28.505	4333	4343	4354	rBV4	59277	259360	13.86%	1.437%
100	29.216	4456	4464	4478	rVB3	39442	159261	8.51%	0.882%

Sum of corrected areas: 18053230

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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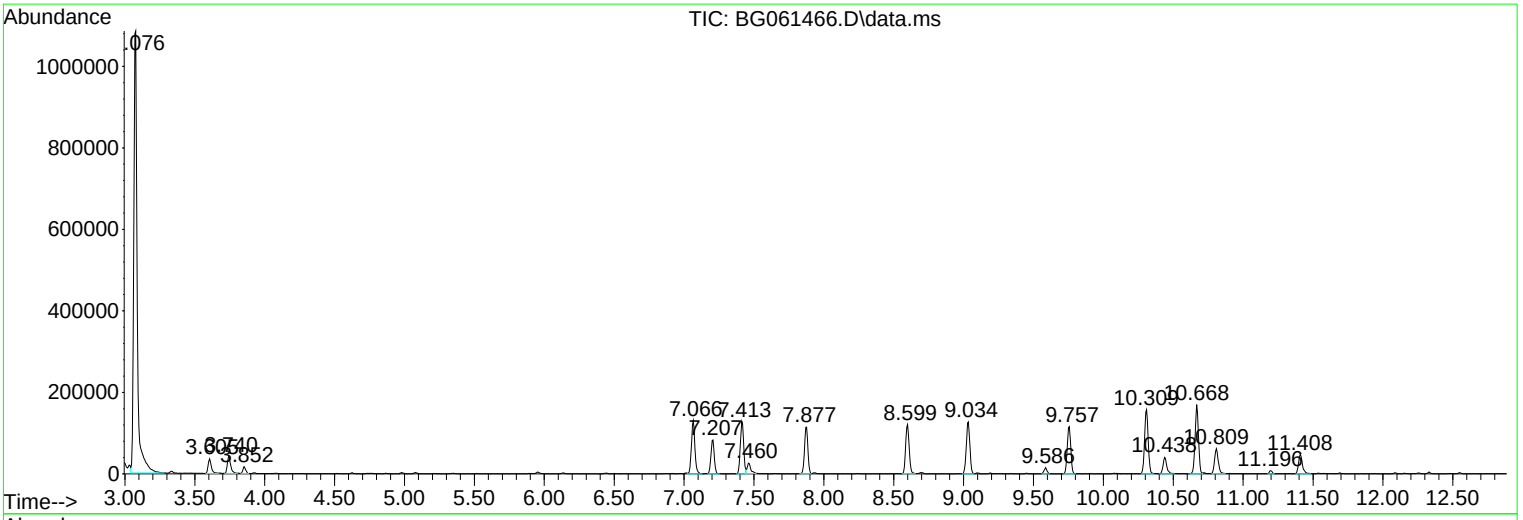
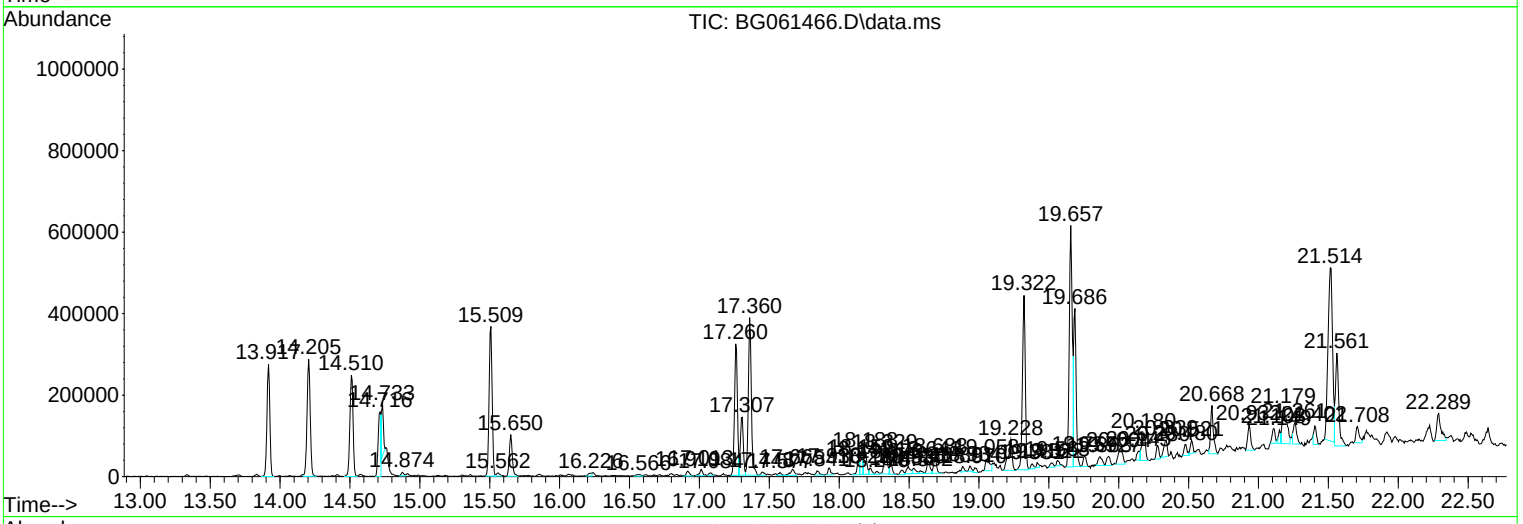
Misc :
ALS Vial : 8 Sample Multiplier: 1

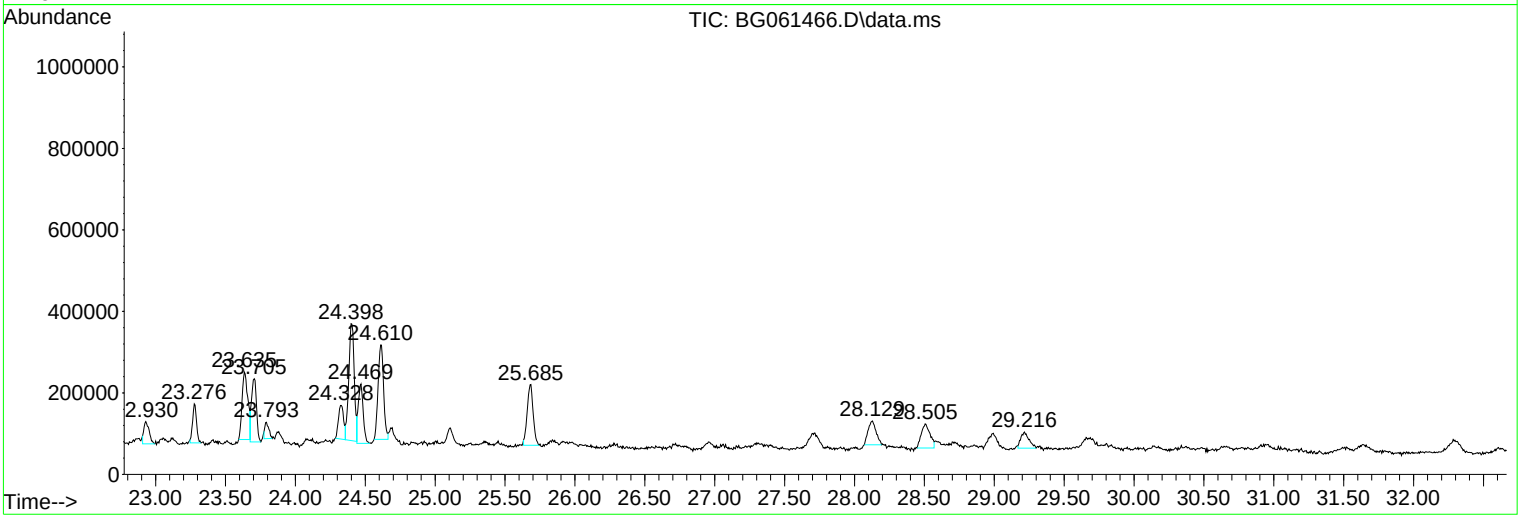
Instrument :
BNA_G
ClientSampleId :
BHBL8

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

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061466.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

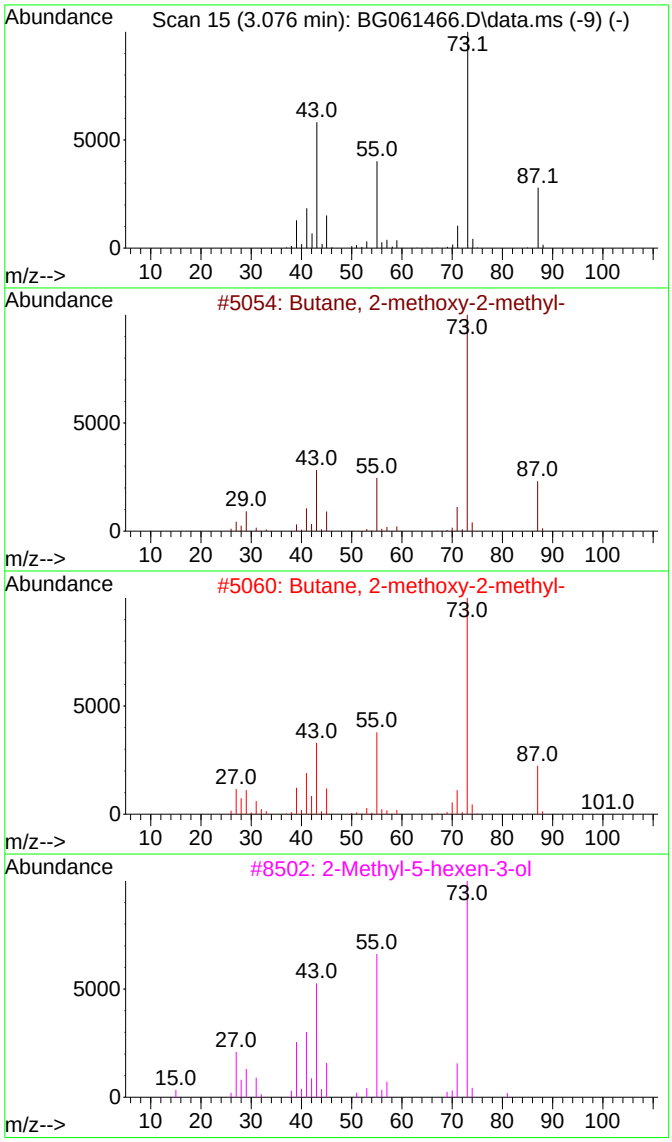
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

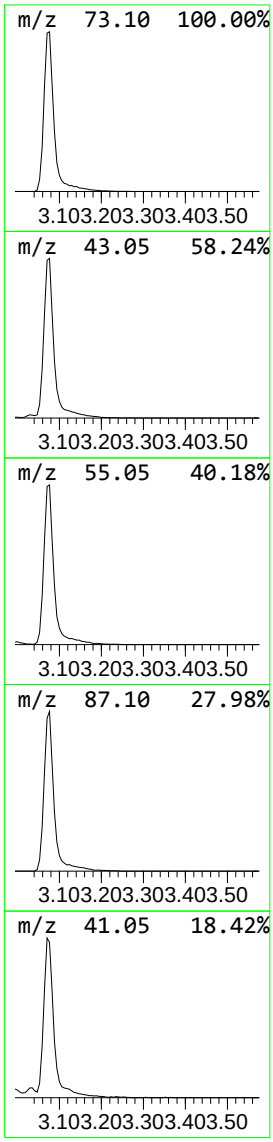
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	192.78 ng/ul	1871100	1,4-Dichlorobenzene-d4	7.877

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	74
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	43
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37





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Sample : P2590-12
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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

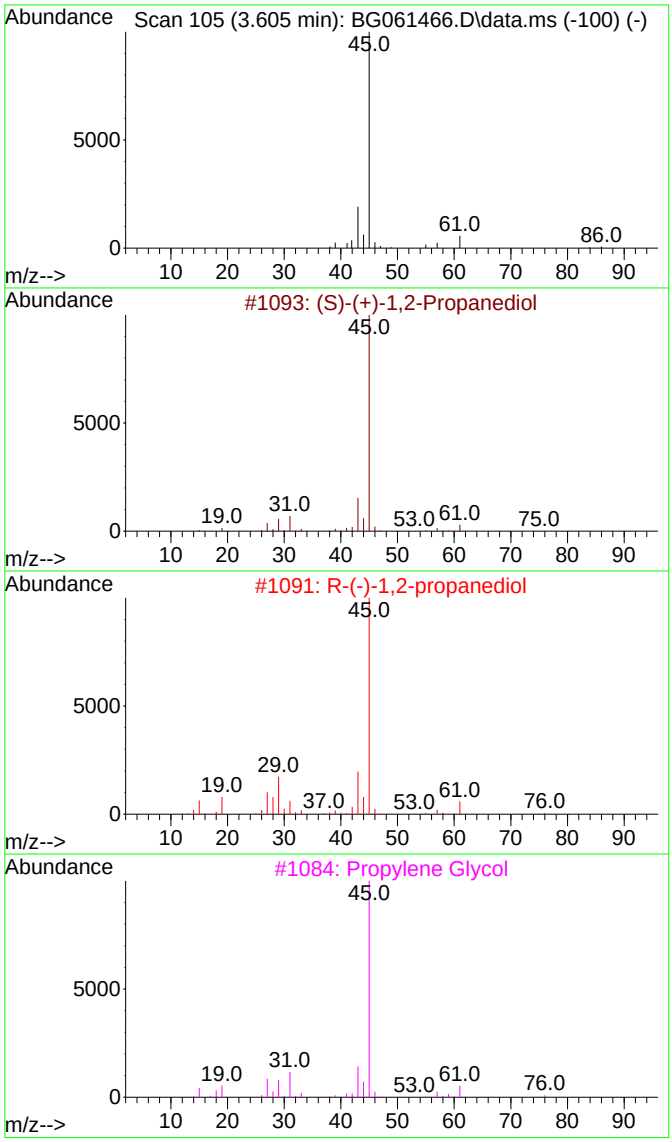
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

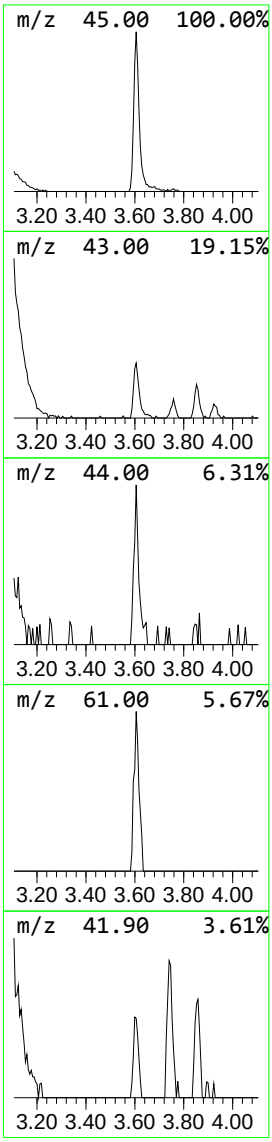
****

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.605	5.84 ng/ul	56723	1,4-Dichlorobenzene-d4	7.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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

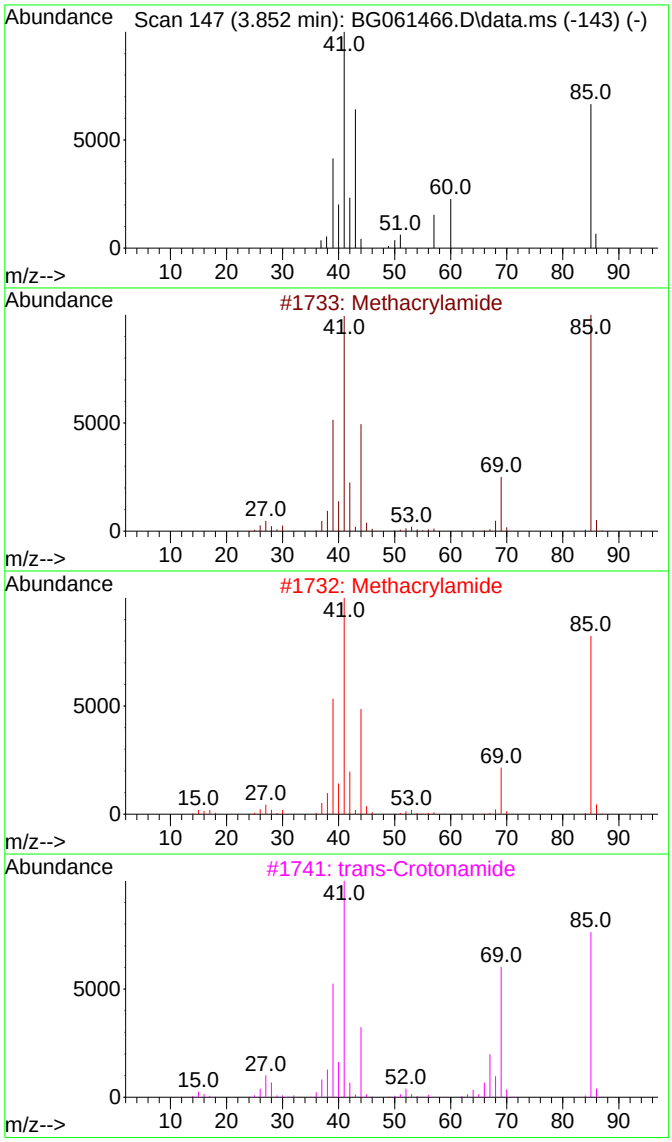
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

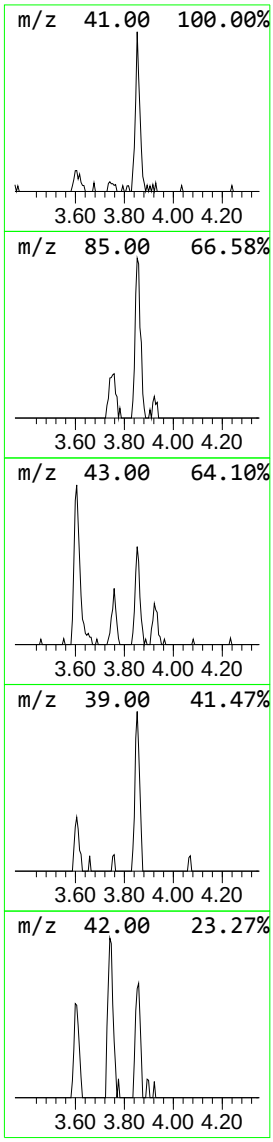
****

Peak Number 3 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.852	2.36 ng/ul	22891	1,4-Dichlorobenzene-d4	7.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	38
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	trans-Crotonamide	85	C4H7NO	000625-37-6	33
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	25
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	10





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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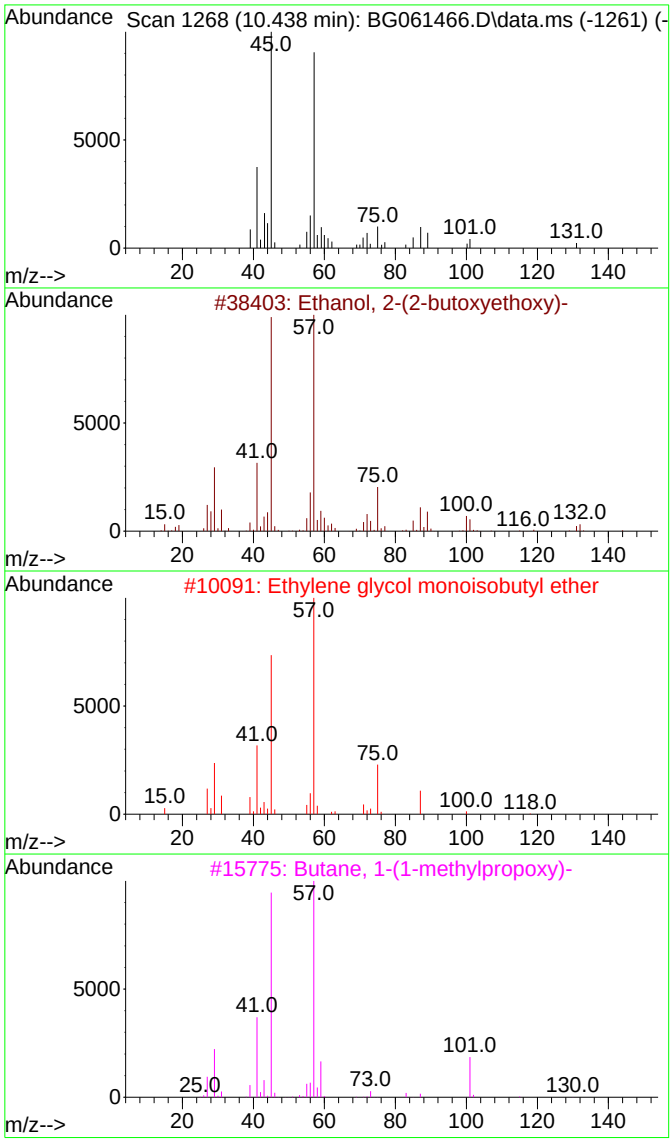
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

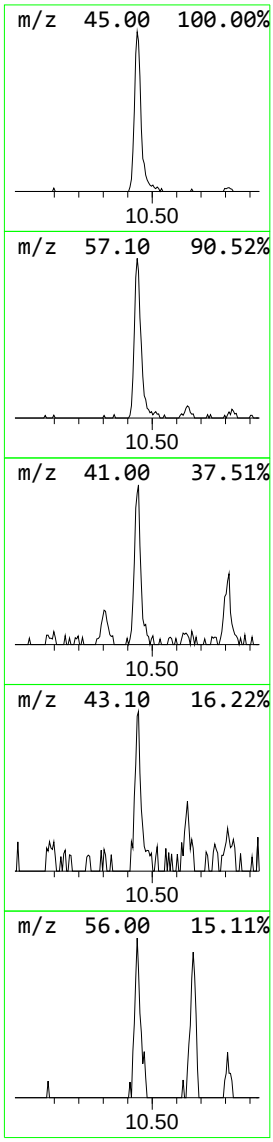
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.438	5.23 ng/ul	74764	Naphthalene-d8	10.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

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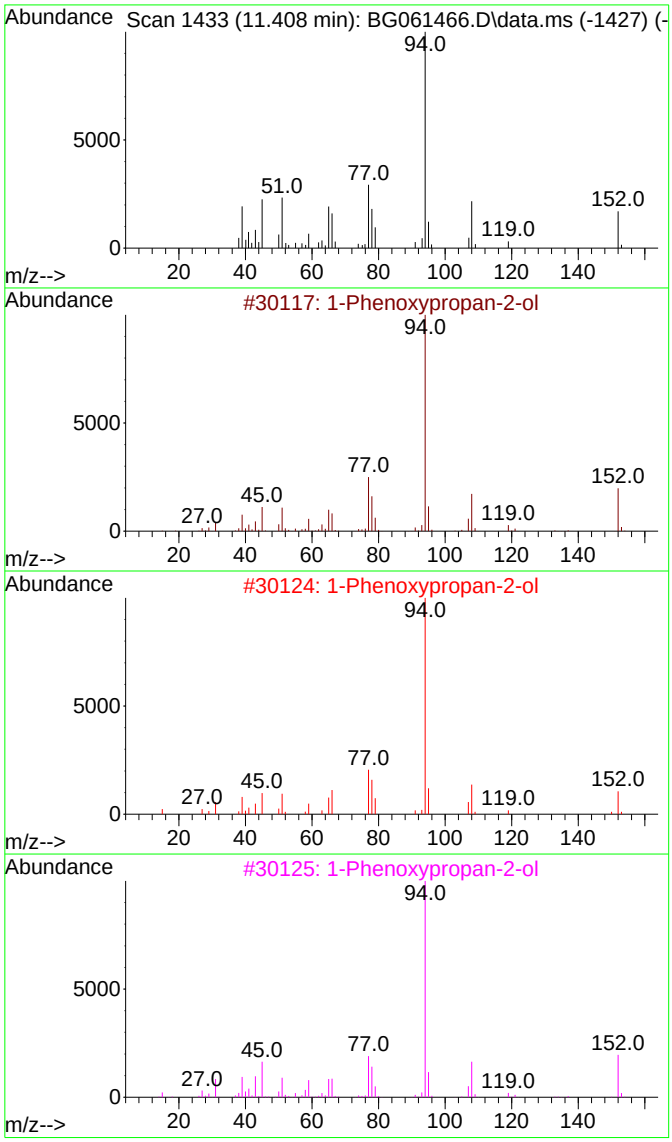
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

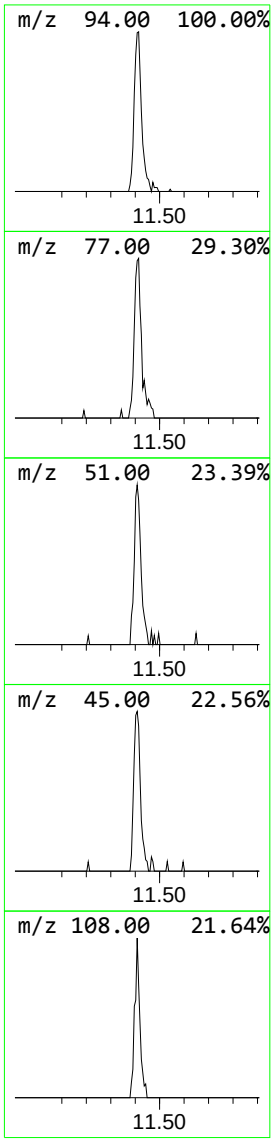
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	6.62 ng/ul	94557	Naphthalene-d8	10.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	74
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64





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Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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

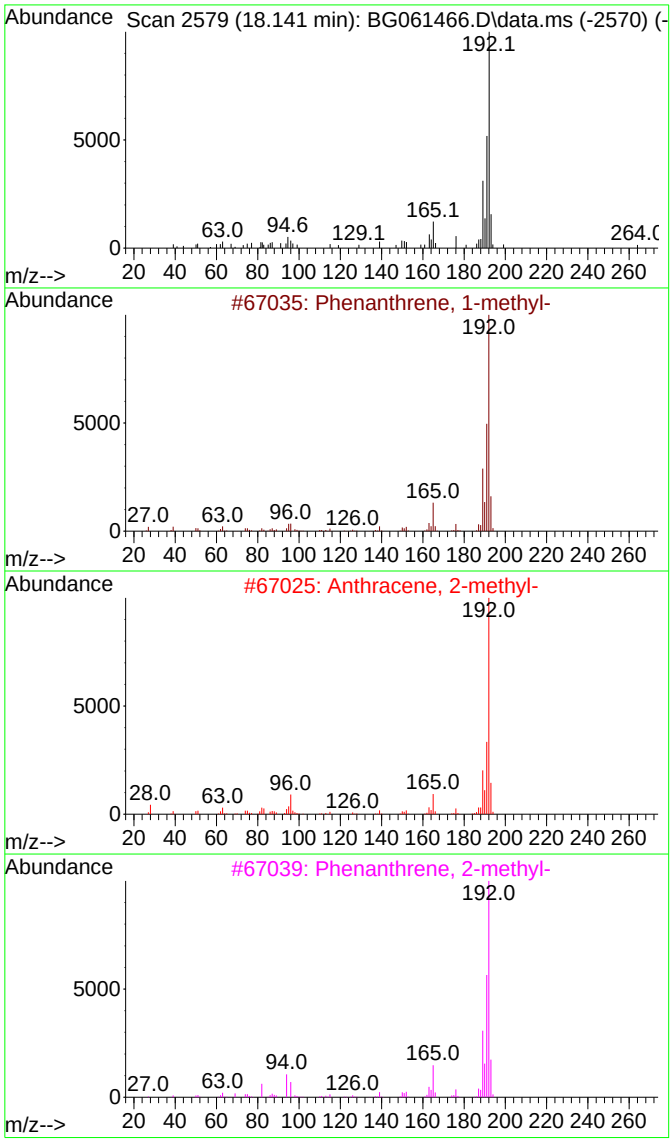
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

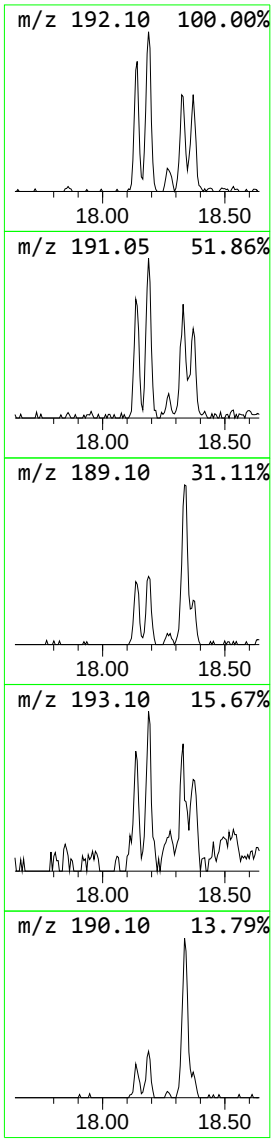
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	2.10 ng/ul	50570	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

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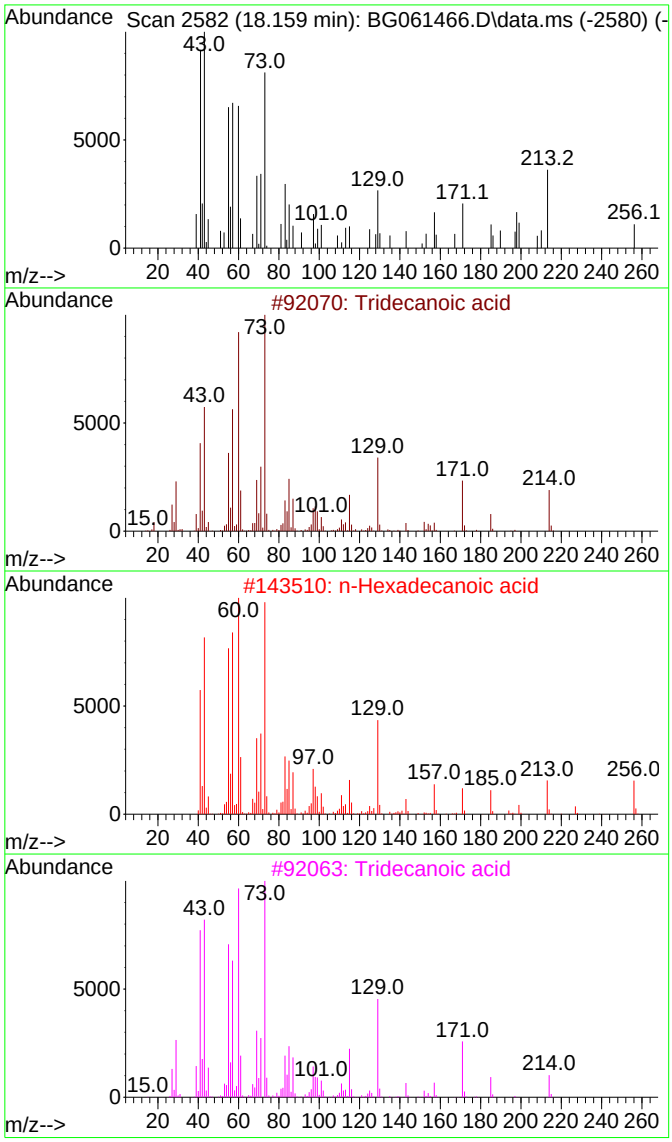
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

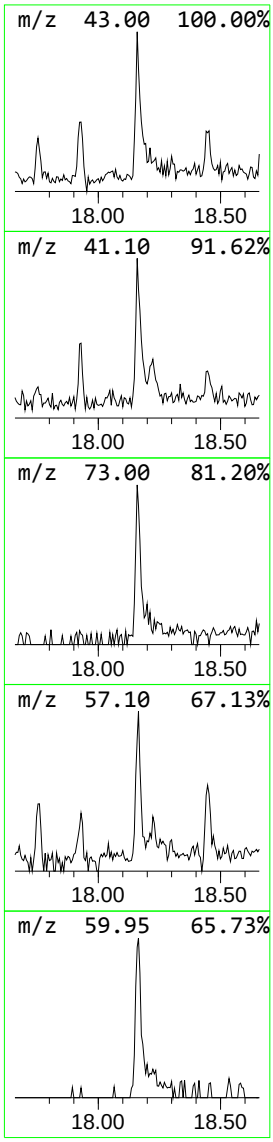
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tridecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.159	2.14 ng/ul	51528	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	58
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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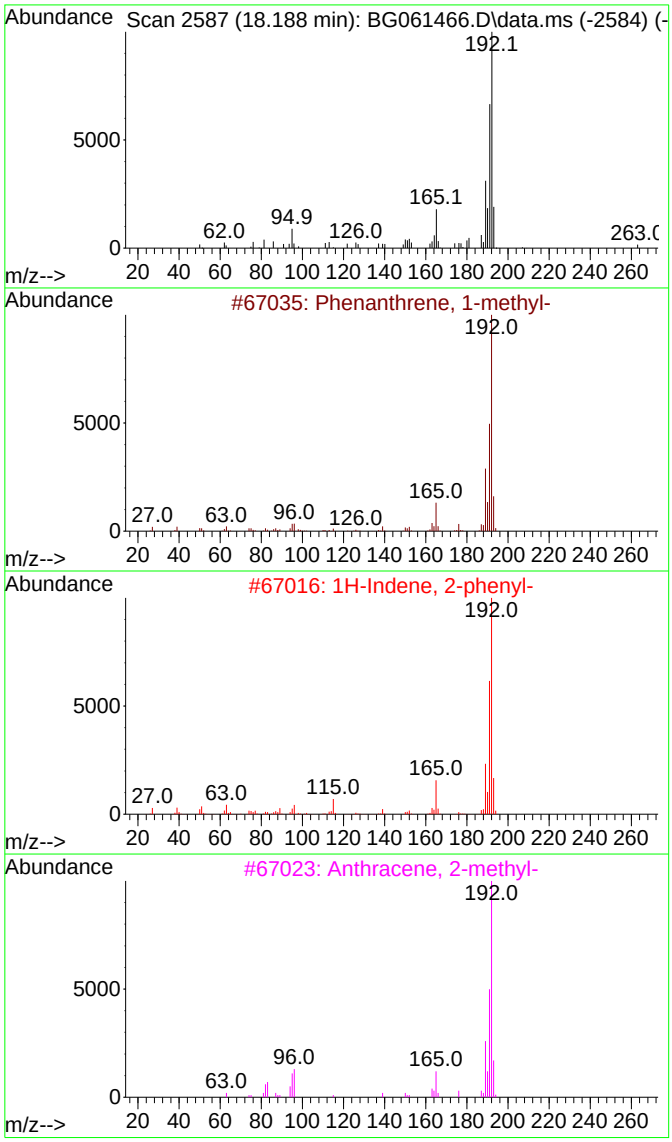
Quant Title : SVOA CALIBRATION

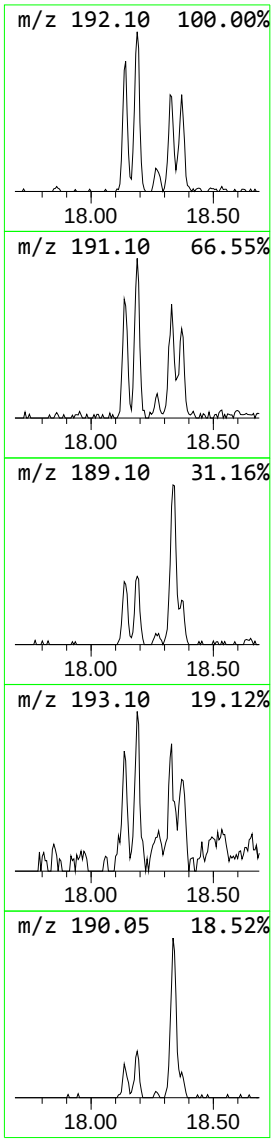
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	3.48 ng/ul	83580	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

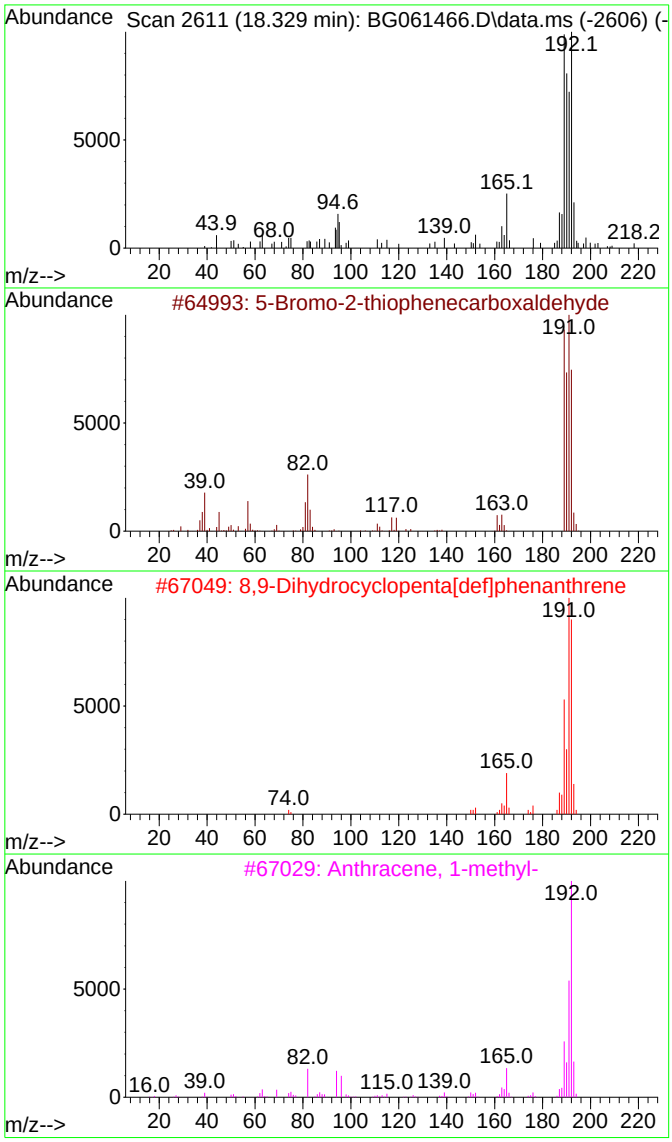
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

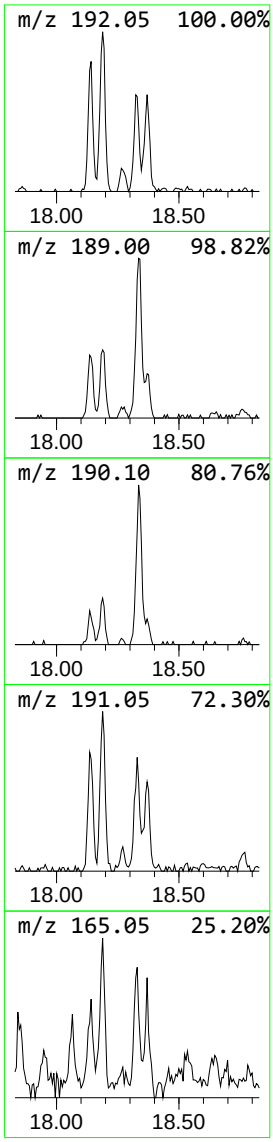
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5-Bromo-2-thiophenecarboxal... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	3.74 ng/ul	89785	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	52
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46





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Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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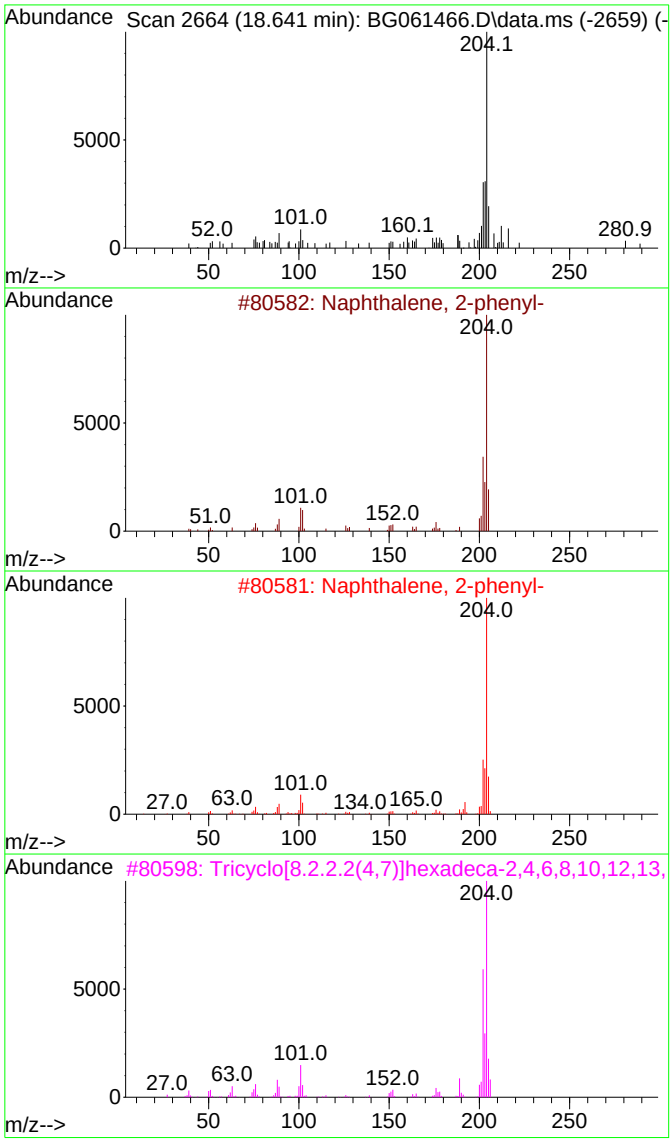
Quant Title : SVOA CALIBRATION

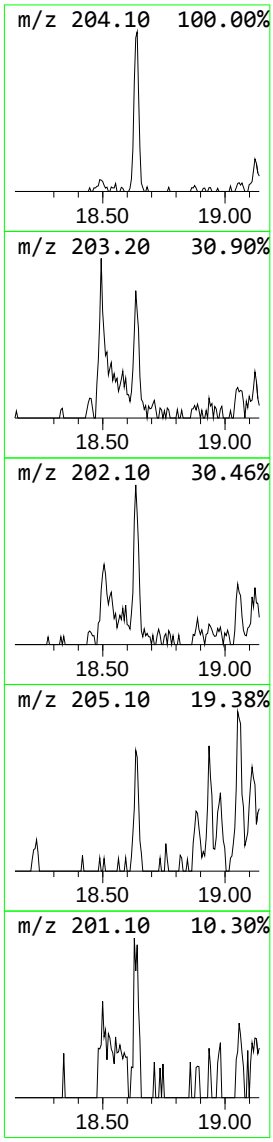
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	2.06 ng/ul	49387	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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Sample : P2590-12
Misc :
ALS Vial : 8 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

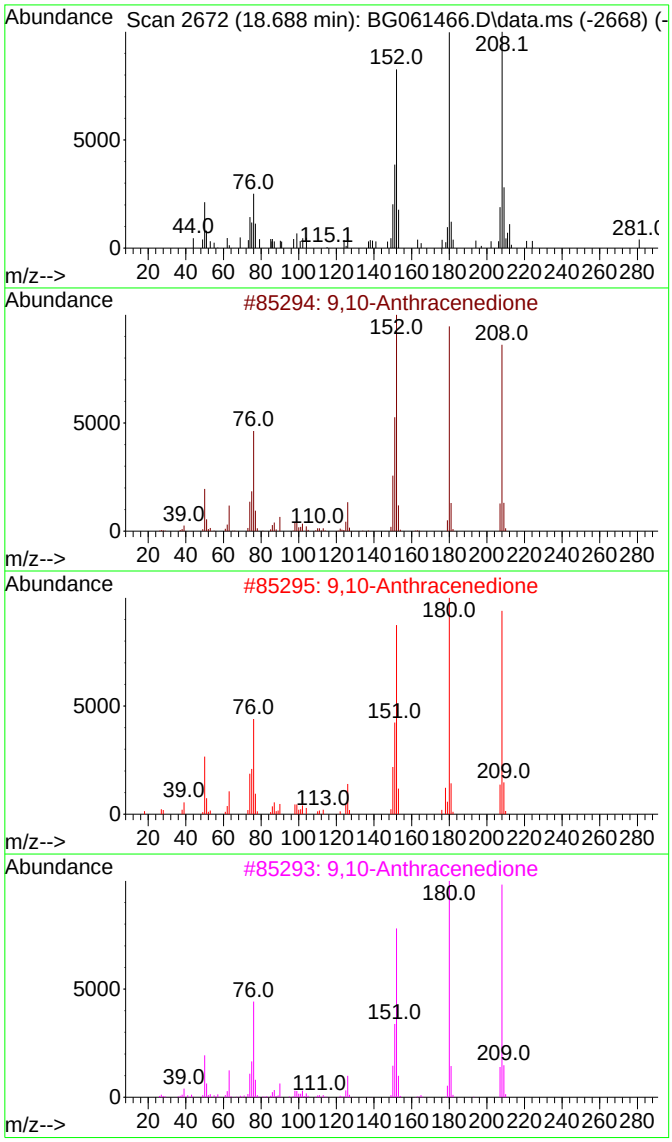
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

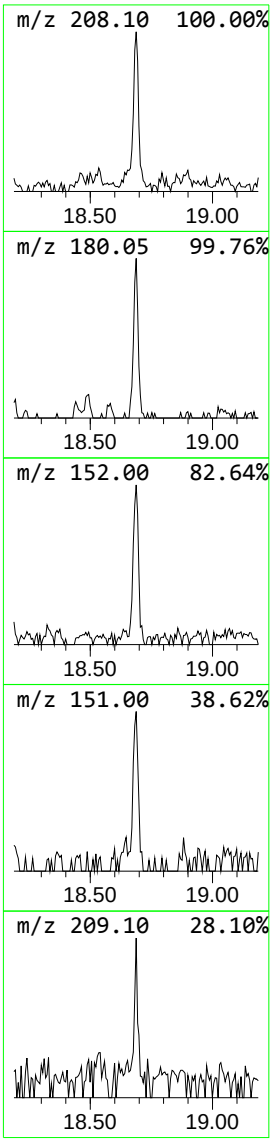
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.688	2.23 ng/ul	53674	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

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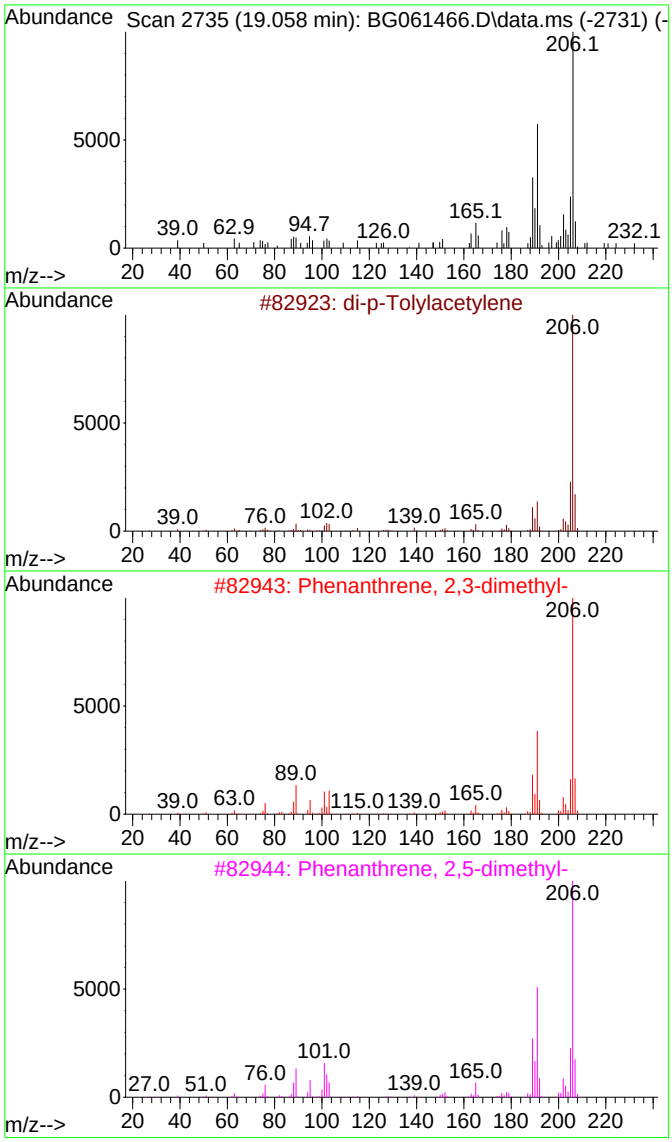
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

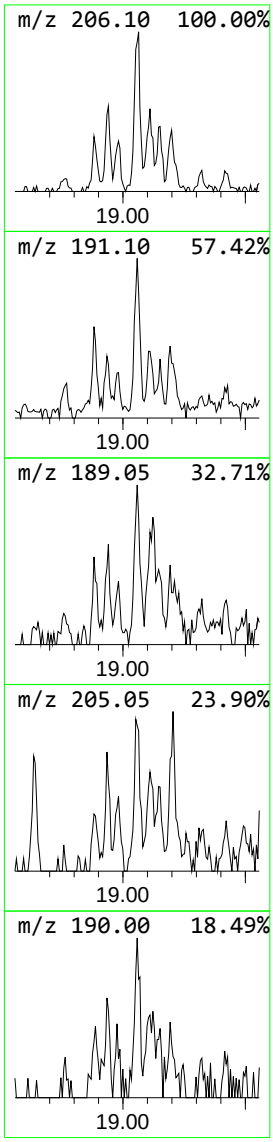
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	2.79 ng/ul	67106	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 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

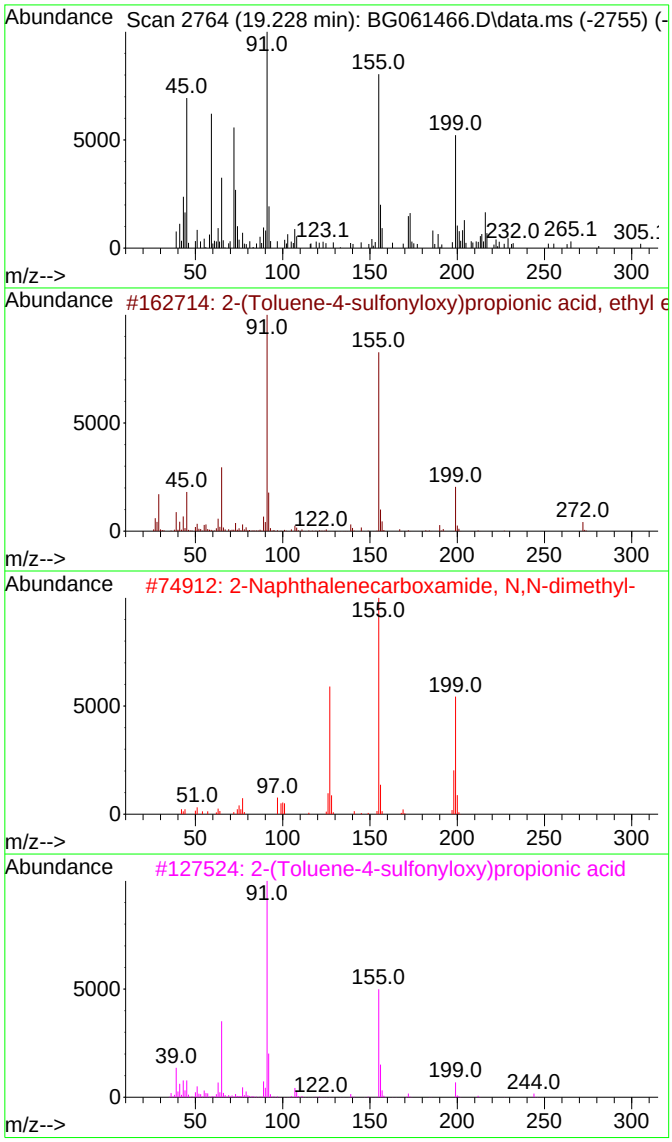
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

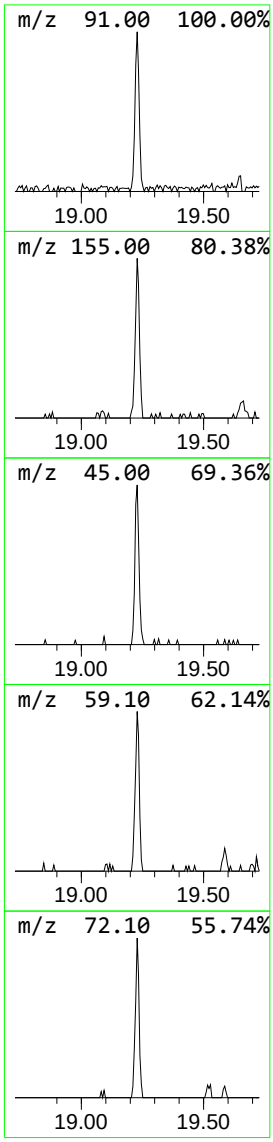
****

Peak Number 13 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.228	6.04 ng/ul	145169	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Toluene-4-sulfonyloxy)propion...	272	C12H16O5S	033798-77-5	35
2	2-Naphthalenecarboxamide, N,N-di...	199	C13H13NO	013577-85-0	30
3	2-(Toluene-4-sulfonyloxy)propion...	244	C10H12O5S	1000210-27-2	27
4	1-Propanol, 2,3-epoxy-, p-toluen...	228	C10H12O4S	006746-81-2	22
5	Methyl 2-(2-(2-ethoxyethoxy)etho...	206	C9H18O5	1000366-78-1	22





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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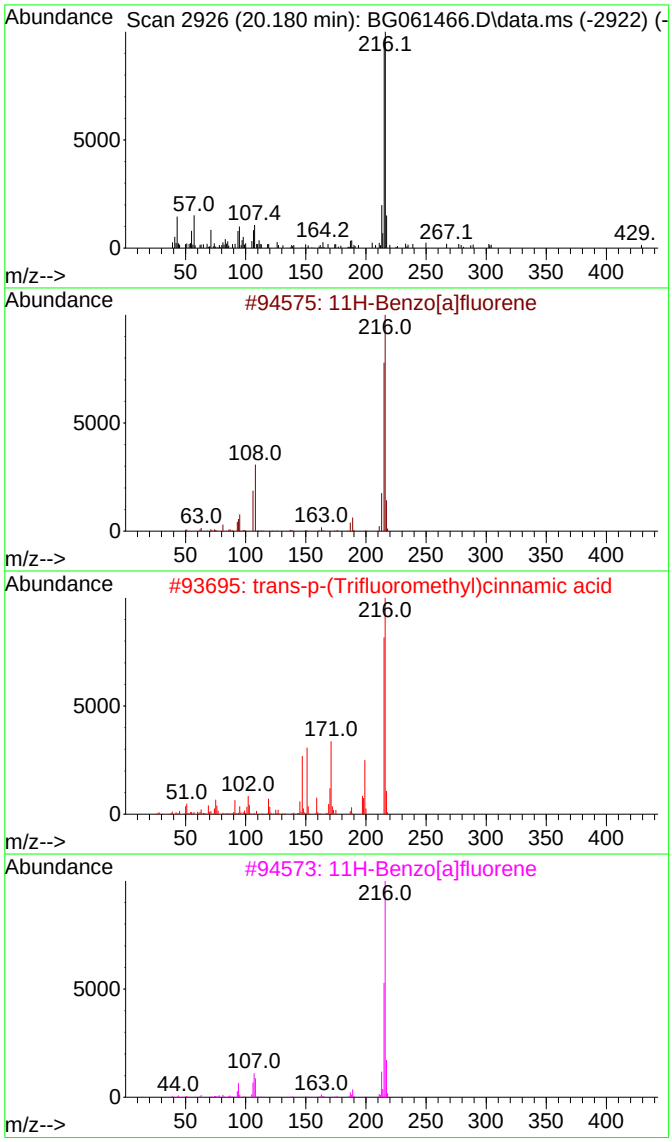
Quant Title : SVOA CALIBRATION

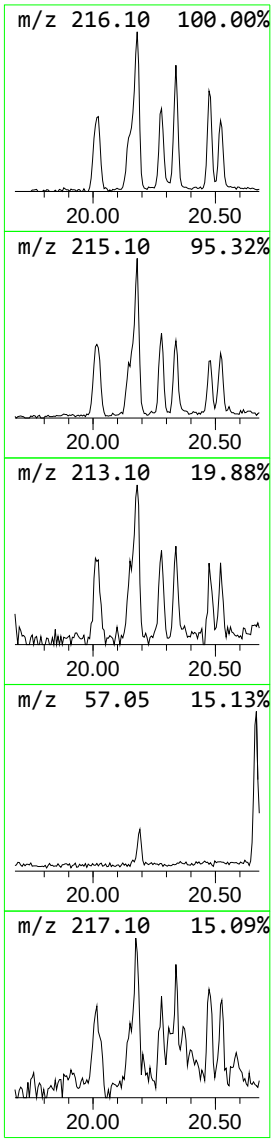
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.36 ng/ul	113860	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

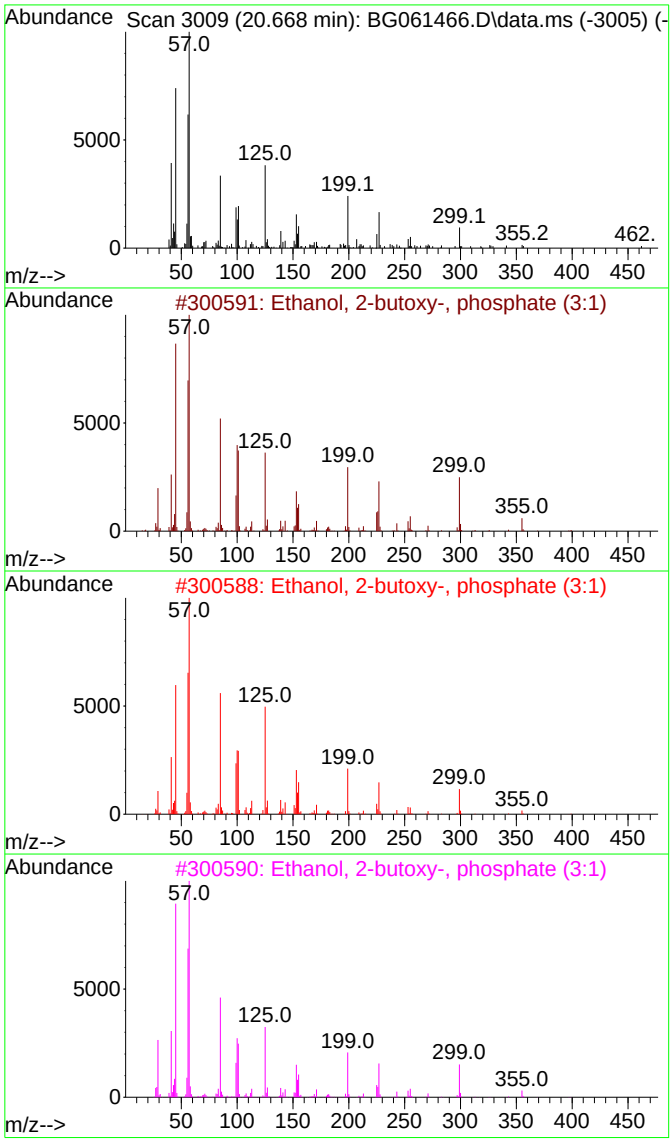
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

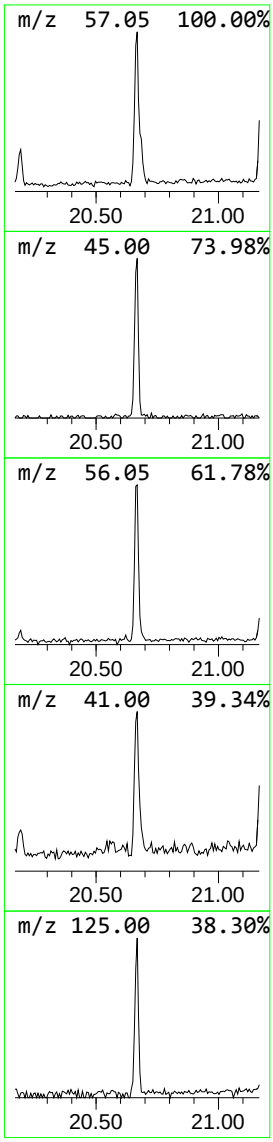
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Ethanol, 2-butoxy-, phospha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.668	3.38 ng/ul	163138	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	64
2	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	43
3	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	37
4	4-Penten-2-ol, 4-methyl-	100	C6H12O	002004-67-3	35
5	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	32





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ALS Vial : 8 Sample Multiplier: 1

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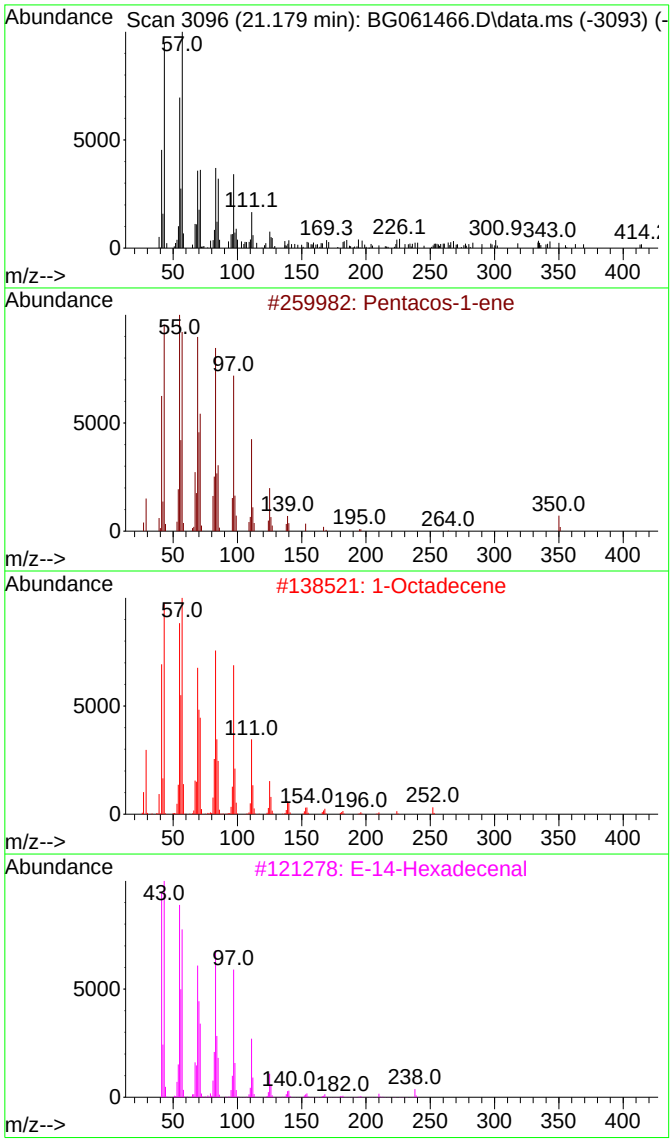
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

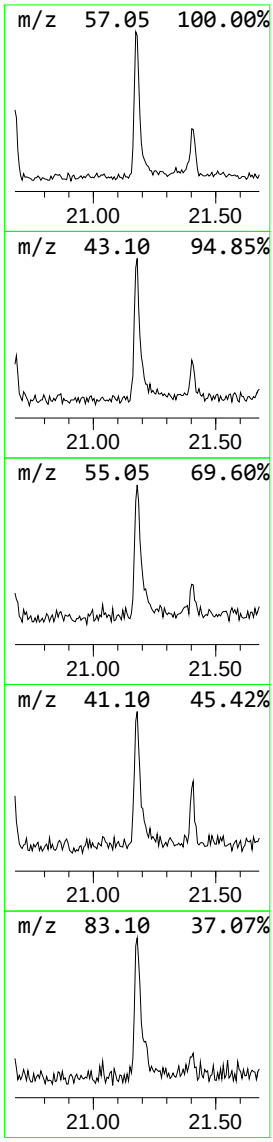
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.179	4.26 ng/ul	205702	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	95
2	1-Octadecene	252	C18H36	000112-88-9	90
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	86
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
5	Cyclohexadecane	224	C16H32	000295-65-8	70





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Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

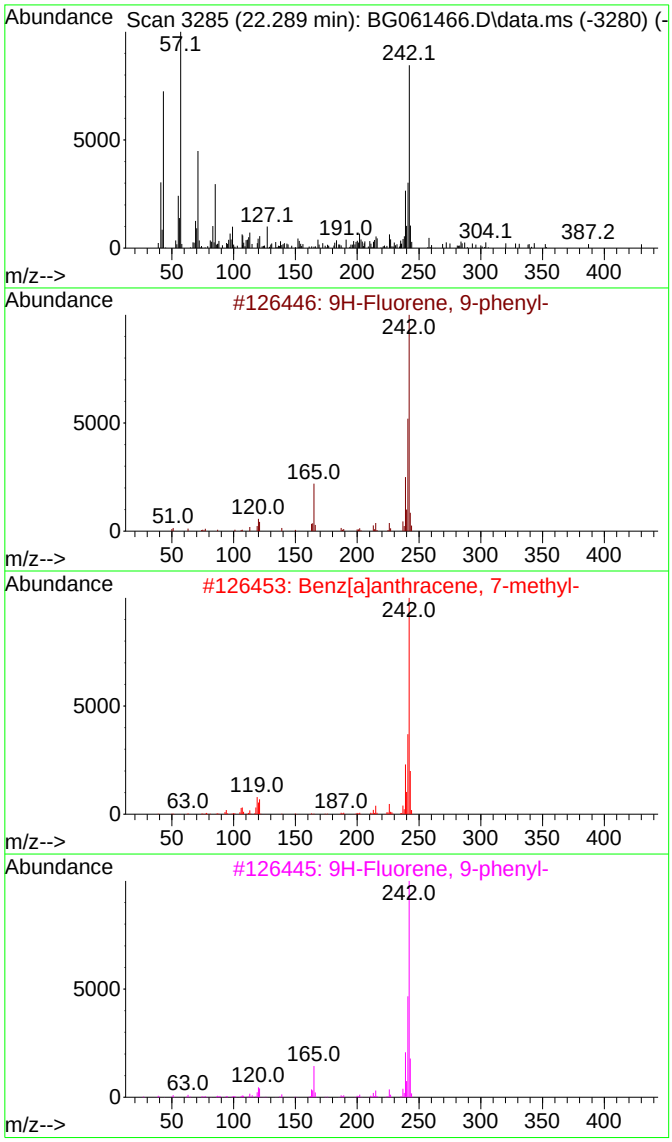
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

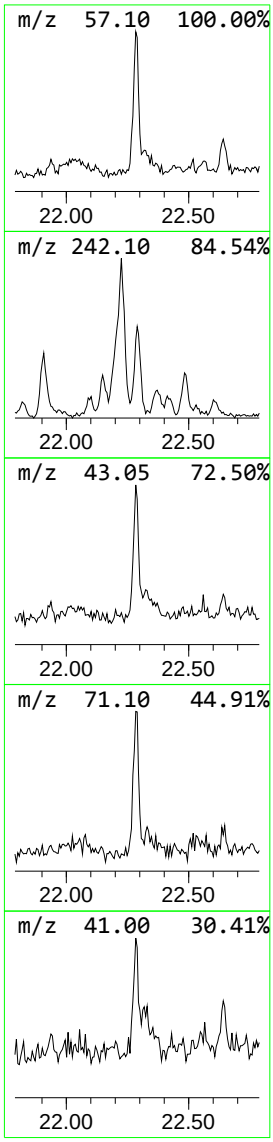
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluorene, 9-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.289	2.84 ng/ul	137122	Chrysene-d12	21.520

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	55
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	50
3	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	46
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	45
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	45





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Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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

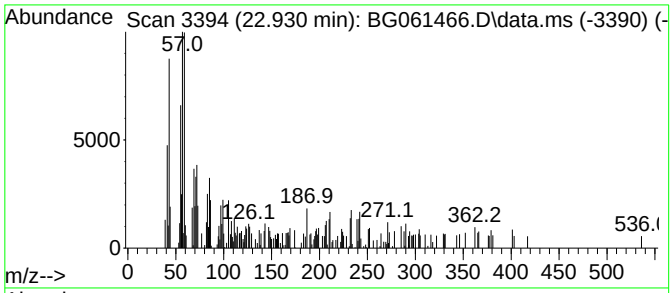
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

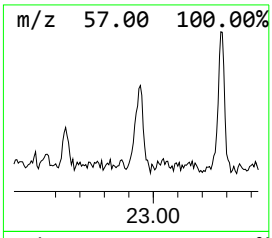
****

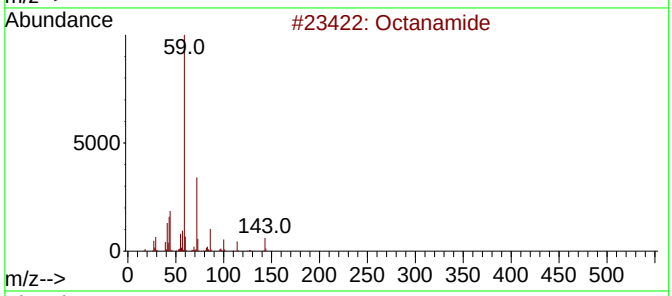
Peak Number 18 Octanamide Concentration Rank 14

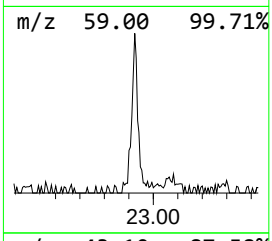
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.930	2.91 ng/ul	140844	Chrysene-d12	21.520

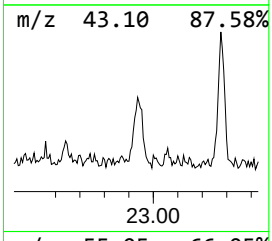
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanamide	143	C8H17NO	000629-01-6	53
2	Hydrazine, 1,1-dimethyl-2-(1-met...	116	C6H16N2	054007-24-8	38
3	3-Tetradecanol	214	C14H30O	001653-32-3	38
4	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	38
5	1,4-Bis(dimethylsilyl)butane	174	C8H22Si2	1010434-36-5	38

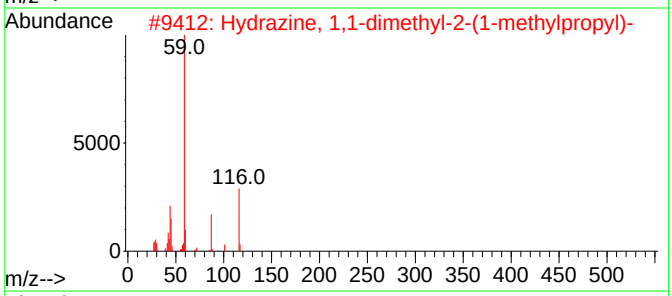


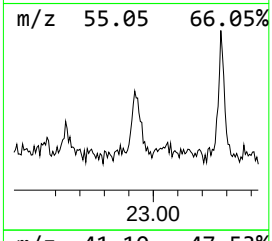


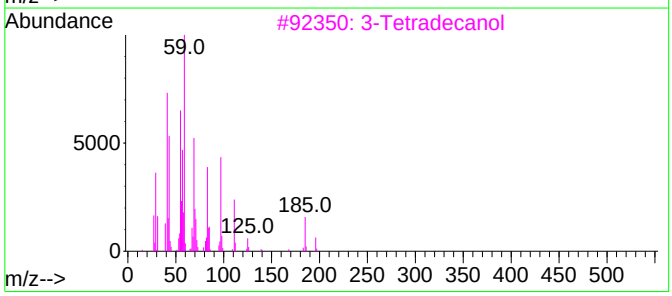


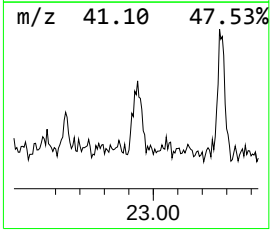












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Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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

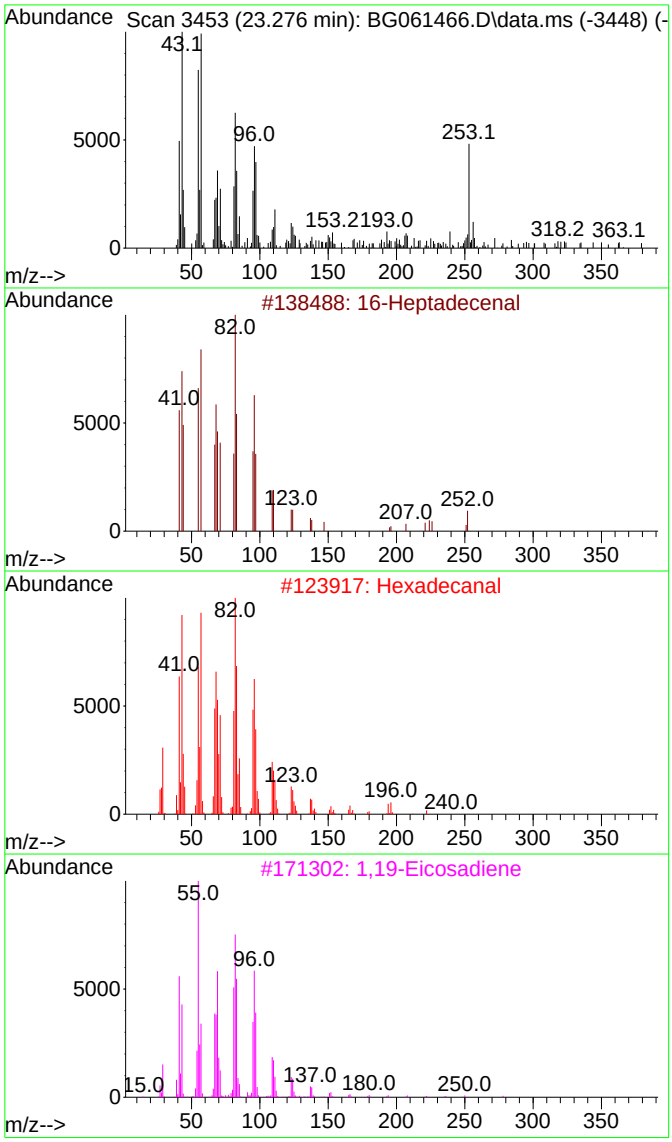
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

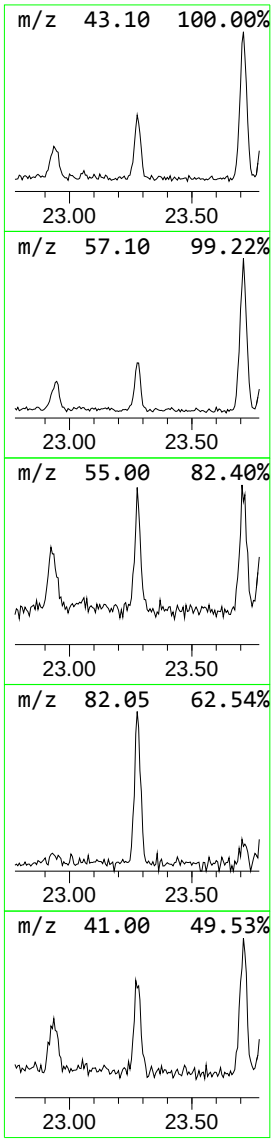
****

Peak Number 19 16-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.276	5.96 ng/ul	189237	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1010144-57-9	55
2	Hexadecanal	240	C16H32O	000629-80-1	53
3	1,19-Eicosadiene	278	C20H38	014811-95-1	49
4	Ecgonine ethyl ester	213	C11H19NO3	070939-97-8	46
5	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	46





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Acq On : 4 Jun 2024 22:25
Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

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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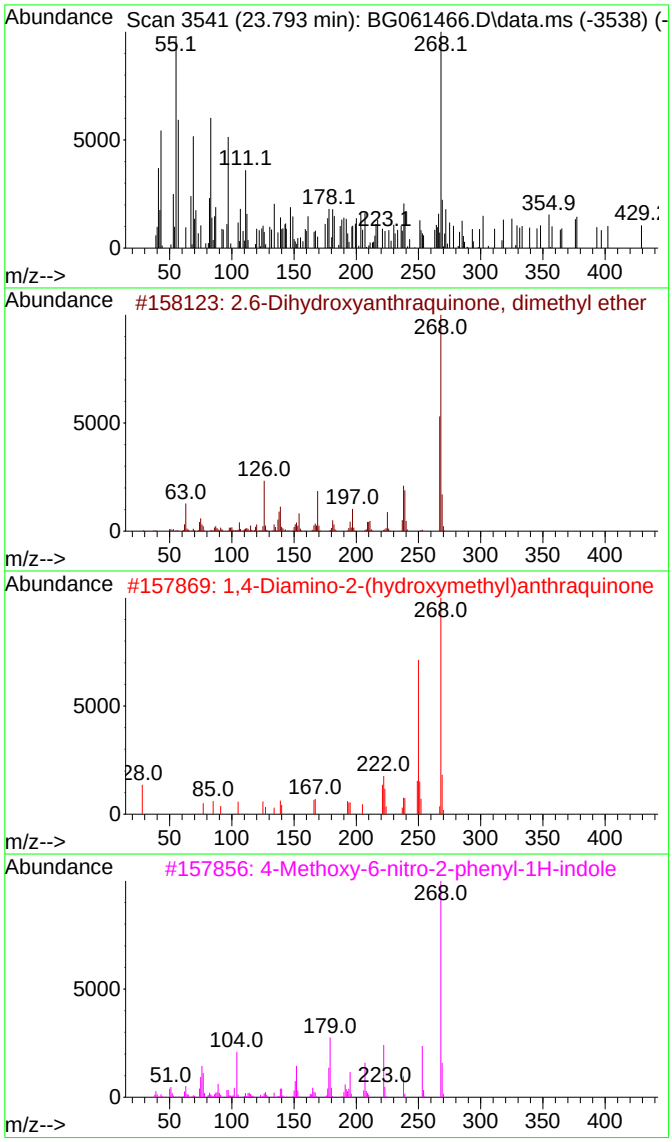
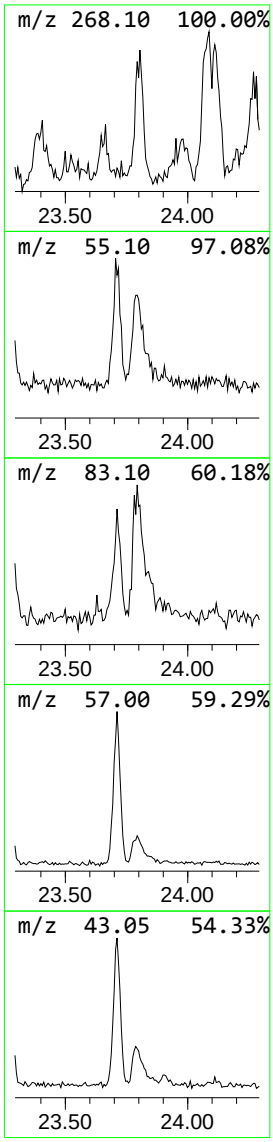
Peak Number 20 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.793	2.44 ng/ul	77531	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2.6-Dihydroxyanthraquinone, dime...	268	C16H12O4	000963-96-2	41
2	1,4-Diamino-2-(hydroxymethyl)ant...	268	C15H12N2O3	056594-20-8	30
3	4-Methoxy-6-nitro-2-phenyl-1H-in...	268	C15H12N2O3	1010294-93-8	30
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	30
5	N4,N4'-Dipropyl-biphenyl-4,4'-di...	268	C18H24N2	017576-22-6	27





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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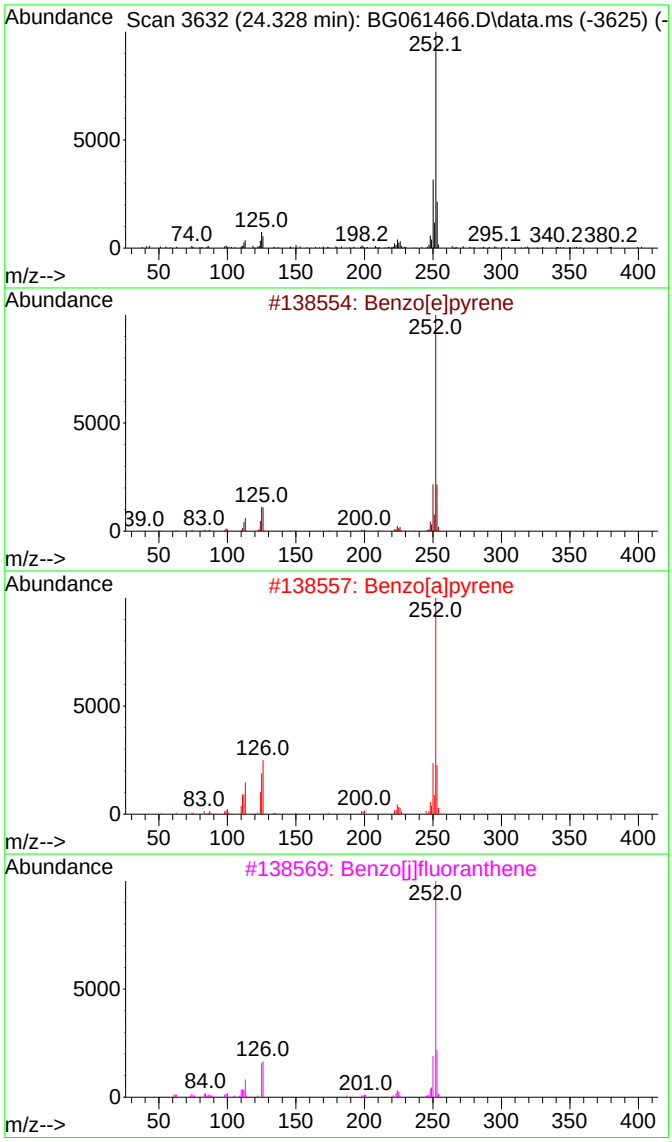
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

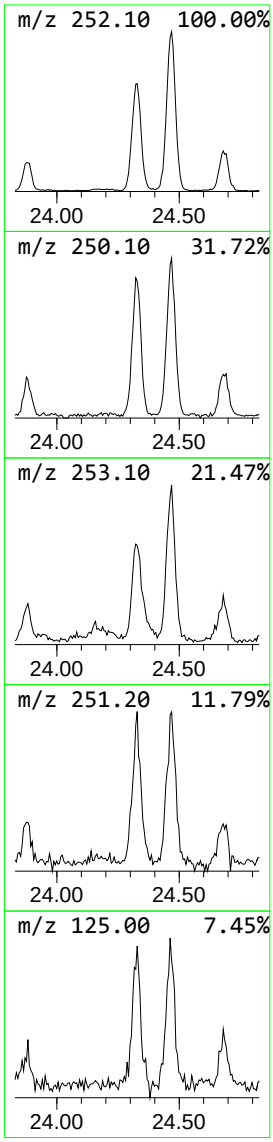
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.328	6.88 ng/ul	218516	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

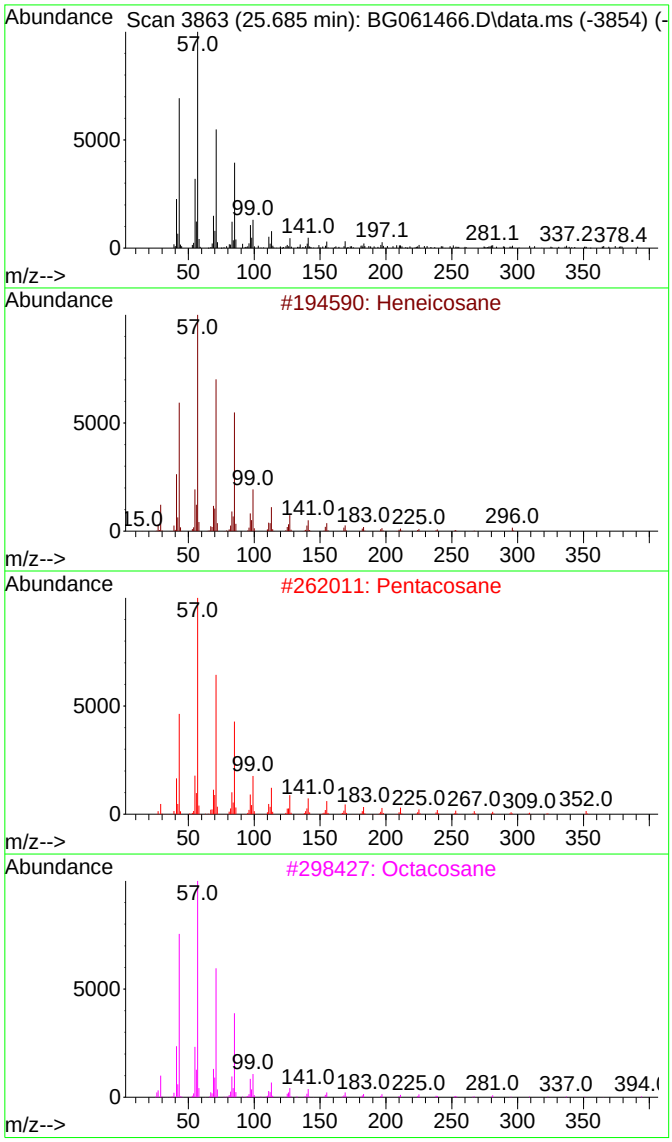
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

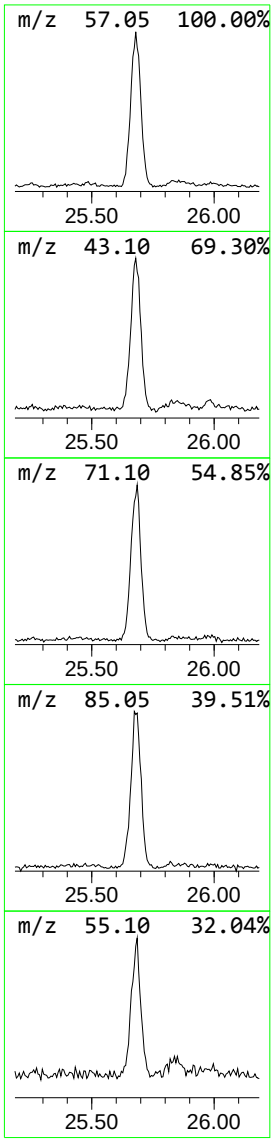
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.685	13.85 ng/ul	440091	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Pentacosane	352	C25H52	000629-99-2	95
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL8

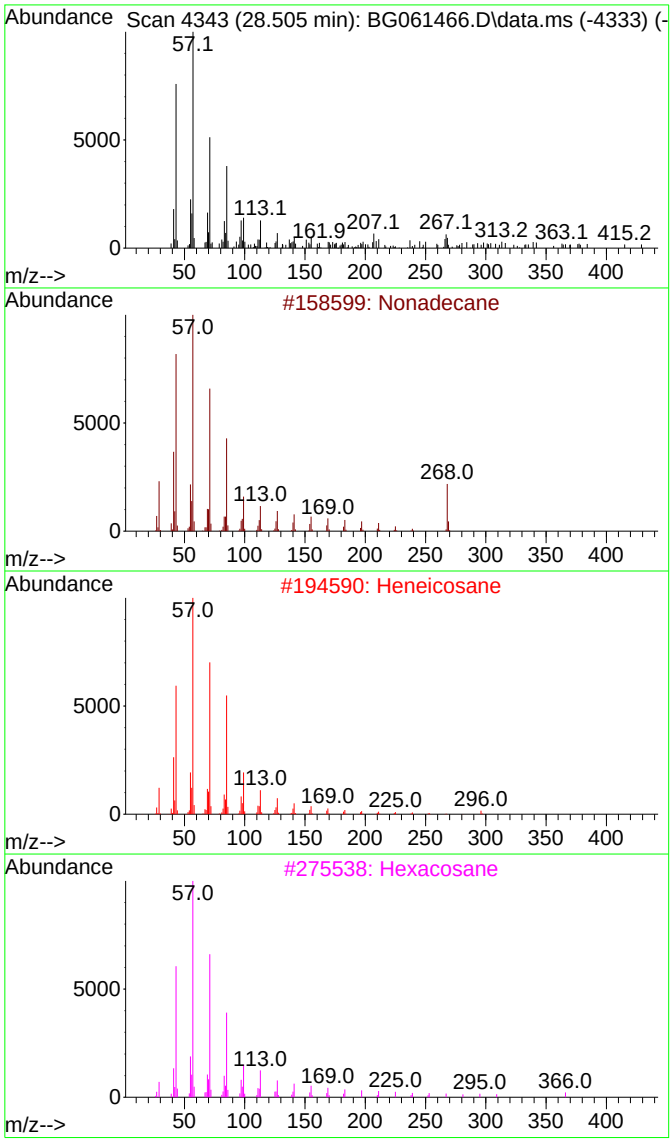
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

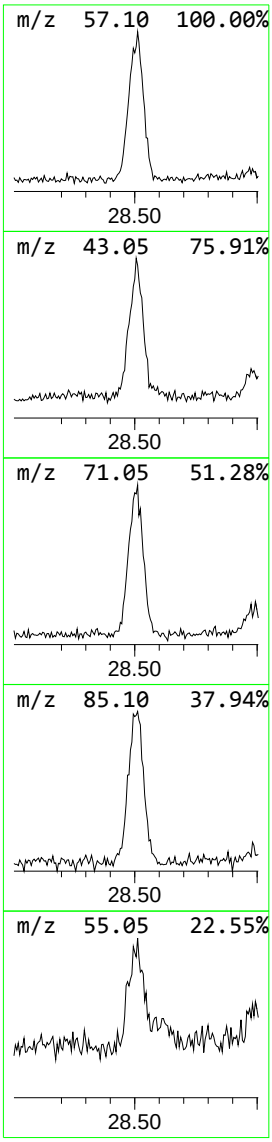
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.505	8.16 ng/ul	259360	Perylene-d12	24.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	92
3	Hexacosane	366	C26H54	000630-01-3	92
4	Hexacosane	366	C26H54	000630-01-3	91
5	Nonadecane	268	C19H40	000629-92-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
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Instrument :
BNA_G
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.076	192.8	ng/ul	1871100	1	7.877	194118	20.0
(S)-(+)-1,2-Pro...	3.605	5.8	ng/ul	56723	1	7.877	194118	20.0
unknown-01	3.852	2.4	ng/ul	22891	1	7.877	194118	20.0
Ethanol, 2-(2-b...	10.438	5.2	ng/ul	74764	2	10.668	285835	20.0
1-Phenoxypropan...	11.408	6.6	ng/ul	94557	2	10.668	285835	20.0
Phenanthrene, 1...	18.141	2.1	ng/ul	50570	4	17.260	480567	20.0
Tridecanoic acid	18.159	2.1	ng/ul	51528	4	17.260	480567	20.0
1H-Indene, 2-ph...	18.188	3.5	ng/ul	83580	4	17.260	480567	20.0
5-Bromo-2-thiop...	18.329	3.7	ng/ul	89785	4	17.260	480567	20.0
Naphthalene, 2-...	18.640	2.1	ng/ul	49387	4	17.260	480567	20.0
9,10-Anthracene...	18.688	2.2	ng/ul	53674	4	17.260	480567	20.0
di-p-Tolylacety...	19.058	2.8	ng/ul	67106	4	17.260	480567	20.0
unknown-02	19.228	6.0	ng/ul	145169	4	17.260	480567	20.0
11H-Benzo[a]flu...	20.180	2.4	ng/ul	113860	5	21.520	966457	20.0
Ethanol, 2-buto...	20.668	3.4	ng/ul	163138	5	21.520	966457	20.0
(DEL) Alkane: S...	21.179	4.3	ng/ul	205702	5	21.520	966457	20.0
9H-Fluorene, 9-...	22.289	2.8	ng/ul	137122	5	21.520	966457	20.0
Octanamide	22.930	2.9	ng/ul	140844	5	21.520	966457	20.0
16-Heptadecenal	23.276	6.0	ng/ul	189237	6	24.616	635388	20.0
unknown-03	23.793	2.4	ng/ul	77531	6	24.616	635388	20.0
Benzo[e]pyrene	24.328	6.9	ng/ul	218516	6	24.616	635388	20.0
(DEL) Alkane: S...	25.685	13.9	ng/ul	440091	6	24.616	635388	20.0
(DEL) Alkane: S...	28.505	8.2	ng/ul	259360	6	24.616	635388	20.0