LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	24	rVB	1806029	2210498	100.00%	8.554%
2	3.375	45	49	55	rVB2	10169	14263	0.65%	0.055%
3	3.798	115	121	127	rBV2	18539	29486	1.33%	0.114%
4	3.897	132	138	147	rVV	61618	88469	4.00%	0.342%
5	3.974	147	151	155	rVV2	8569	14259	0.65%	0.055%
6	4.027	155	160	167	rVV	14911	23666	1.07%	0.092%
7	4.344	209	214	221	rVB	44462	60360	2.73%	0.234%
8	4.673	266	270	277	rVV2	9664	15478	0.70%	0.060%
9	4.749	279	283	292	rVV	20901	28772	1.30%	0.111%
10	5.125	341	347	354	rBV	18740	29553	1.34%	0.114%
11	5.942	480	486	490	rBV4	5878	10726	0.49%	0.042%
12	7.105	675	684	697	rBV	146316	269902	12.21%	1.044%
13	7.264	705	711	719	rBV	123191	199939	9.04%	0.774%
14	7.470	739	746	755	rBV	152268	258154	11.68%	0.999%
15	7.552	755	760	769	rVV6	7418	14793	0.67%	0.057%
16	7.940	816	826	833	rBV	195554	327306	14.81%	1.267%
17	8.645	940	946	956	rBV	111091	182953	8.28%	0.708%
18	8.762	959	966	973	rBV	23808	47230	2.14%	0.183%
19	9.097	1016	1023	1030	rBV	152807	269983	12.21%	1.045%
20	9.820	1139	1146	1154	rBV	120513	214341	9.70%	0.829%
21	9.973	1166	1172	1177	rBV3	7024	15196	0.69%	0.059%
22	10.360	1231	1238	1247	rBV	185649	327376	14.81%	1.267%
23	10.742	1292	1303	1310	rBV	292205	537287	24.31%	2.079%
24	10.878	1320	1326	1338	rVB2	37596	75973	3.44%	0.294%
25	11.753	1471	1475	1481	rBV2	6998	11791	0.53%	0.046%
26	12.399	1579	1585	1590	rVB2	7060	11378	0.51%	0.044%
27	13.392	1750	1754	1760	rBV3	8373	13773	0.62%	0.053%
28	13.457	1760	1765	1774	rVB4	8275	15961	0.72%	0.062%
29	13.974	1844	1853	1861	rVV	342585	491481	22.23%	1.902%
30	14.044	1861	1865	1869	rVB2	10655	13588	0.61%	0.053%
31	14.268	1896	1903	1914	rVV	393879	615847	27.86%	2.383%
32	14.462	1931	1936	1940	rVB	10158	14304	0.65%	0.055%
33	14.573	1944	1955	1962	rBV	457020	728718	32.97%	2.820%
34	14.632	1962	1965	1969	rBV4	8191	11408	0.52%	0.044%
35	14.773	1982	1989	2001	rBV	118941	212233	9.60%	0.821%
36	14.914	2008	2013	2018	rVV3	18923	27932	1.26%	0.108%

LSC Area Percent Report

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Instrument :
BNA_G
ClientSampleId :
DCGL7

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

37	14.967	2018	2022	2028	rVV3	15539	26420	1.20%	0.102%
38	15.355	2083	2088	2092	rBV3	8609	14295	0.65%	0.055%
39	15.408	2094	2097	2102	rVB3	11830	13977	0.63%	0.054%
40	15.560	2116	2123	2129	rBV	505373	769827	34.83%	2.979%
41	15.613	2129	2132	2137	rVV3	14385	22247	1.01%	0.086%
42	15.678	2138	2143	2148	rVV	117936	168246	7.61%	0.651%
43	15.813	2160	2166	2171	rVB8	6191	11301	0.51%	0.044%
44	15.925	2179	2185	2191	rVV	76429	109250	4.94%	0.423%
45	16.066	2204	2209	2214	rVV3	5852	10528	0.48%	0.041%
46	16.295	2238	2248	2254	rVB3	29067	66657	3.02%	0.258%
47	16.412	2264	2268	2275	rBV6	14190	26118	1.18%	0.101%
48	16.700	2314	2317	2325	rVV7	12602	21734	0.98%	0.084%
49	16.841	2338	2341	2345	rBV5	8857	14347	0.65%	0.056%
50	16.965	2358	2362	2368	rBV2	19377	31975	1.45%	0.124%
51	17.059	2371	2378	2382	rBV4	24649	39091	1.77%	0.151%
52	17.200	2397	2402	2409	rBV2	57479	90027	4.07%	0.348%
53	17.264	2409	2413	2416	rVV2	37653	46202	2.09%	0.179%
54	17.317	2416	2422	2426	rVV	530759	847484	38.34%	3.279%
55	17.358	2426	2429	2433	rVV	188654	263573	11.92%	1.020%
56	17.411	2433	2438	2447	rVB2	453594	740876	33.52%	2.867%
57	17.717	2483	2490	2494	rBV2	28924	53527	2.42%	0.207%
58	17.799	2501	2504	2507	rBV	21493	25053	1.13%	0.097%
59	17.828	2507	2509	2517	rVB7	9253	13127	0.59%	0.051%
60	17.934	2524	2527	2530	rVV4	12124	14404	0.65%	0.056%
61	17.975	2531	2534	2539	rVB5	13161	17533	0.79%	0.068%
62	18.081	2546	2552	2557	rBV3	31934	58052	2.63%	0.225%
63	18.140	2558	2562	2567	rBV	86212	120205	5.44%	0.465%
64	18.204	2567	2573	2578	rBV	538556	807059	36.51%	3.123%
65	18.381	2598	2603	2608	rBV3	45883	87674	3.97%	0.339%
66	18.492	2617	2622	2627	rBV2	53228	92053	4.16%	0.356%
67	18.539	2627	2630	2634	rVB5	16072	23792	1.08%	0.092%
68	18.686	2652	2655	2659	rBV3	35201	48076	2.17%	0.186%
69	18.727	2659	2662	2668	rVV2	33692	48779	2.21%	0.189%
70	19.115	2722	2728	2732	rBV4	42815	86887	3.93%	0.336%
71	19.244	2747	2750	2759	rVB3	39889	83131	3.76%	0.322%
72	19.326	2760	2764	2766	rBV2	64219	86115	3.90%	0.333%
73	19.368	2766	2771	2779	rVB	595471	895090	40.49%	3.464%
74	19.473	2784	2789	2794	rBV2	142215	197054	8.91%	0.763%
75	19.614	2810	2813	2819	rVB3	20389	29072	1.32%	0.112%
76	19.702	2822	2828	2831	rBV	700569	1160489	52.50%	4.491%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	19.732	2831	2833	2839	rVV	467410	521662	23.60%	2.019%
78	19.796	2841	2844	2847	rVV3	30708	48903	2.21%	0.189%
79	19.832	2847	2850	2857	rVB	102046	129112	5.84%	0.500%
80	20.225	2913	2917	2922	rVB3	106943	148631	6.72%	0.575%
81	20.513	2964	2966	2969	rBV	26404	36197	1.64%	0.140%
82	20.719	2998	3001	3006	rVB2	56127	66256	3.00%	0.256%
83	20.972	3041	3044	3051	rVB	75035	103126	4.67%	0.399%
84	21.212	3081	3085	3089	rBV2	240575	346604	15.68%	1.341%
85	21.301	3097	3100	3111	rVB	79698	131602	5.95%	0.509%
86	21.453	3122	3126	3132	rVB	232549	305805	13.83%	1.183%
87	21.571	3138	3146	3150	rBV2	579525	1291540	58.43%	4.998%
88	21.612	3150	3153	3166	rVB	242843	415465	18.80%	1.608%
89	21.759	3174	3178	3183	rVB2	65063	96737	4.38%	0.374%
90	22.352	3274	3279	3292	rBV4	155861	410926	18.59%	1.590%
91	23.733	3507	3514	3521	rBV	214204	661769	29.94%	2.561%
92	23.815	3523	3528	3535	rVB	311494	726057	32.85%	2.810%
93	24.444	3630	3635	3641	rBV2	99494	222348	10.06%	0.860%
94	24.520	3642	3648	3654	rVV	257128	581321	26.30%	2.249%
95	24.744	3677	3686	3694	rBV2	371165	1057071	47.82%	4.090%
96	25.267	3768	3775	3785	rVB3	135032	367954	16.65%	1.424%
97	25.507	3809	3816	3826	rVB4	200094	549761	24.87%	2.127%
98	25.860	3868	3876	3891	rVB	356185	1065396	48.20%	4.123%
99	27.969	4229	4235	4253	rVB4	201936	742207	33.58%	2.872%
100	28.804	4367	4377	4398	rVB3	236341	1100639	49.79%	4.259%

Sum of corrected areas: 25842813

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Instrument :
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ClientSampleId :
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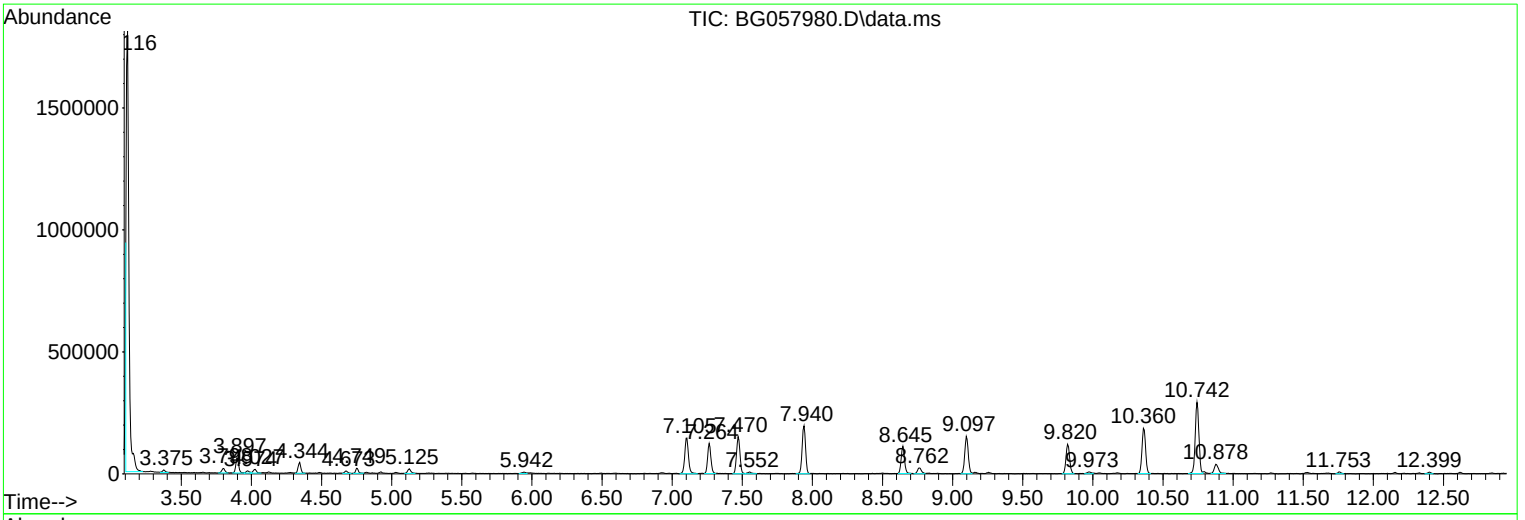
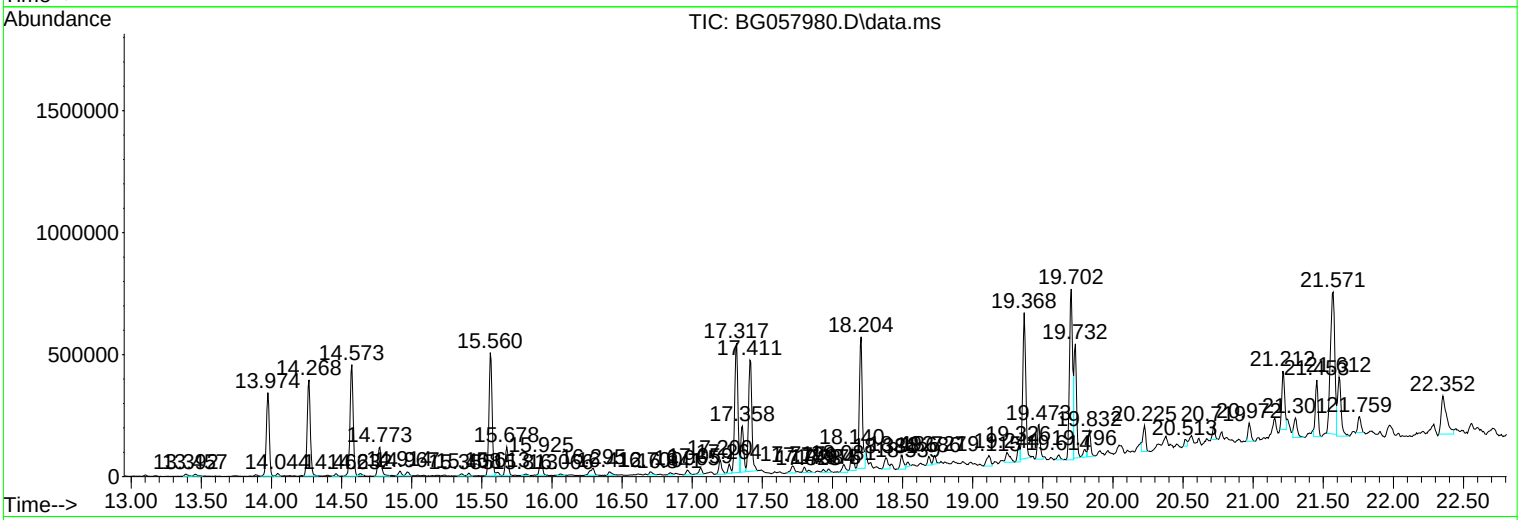
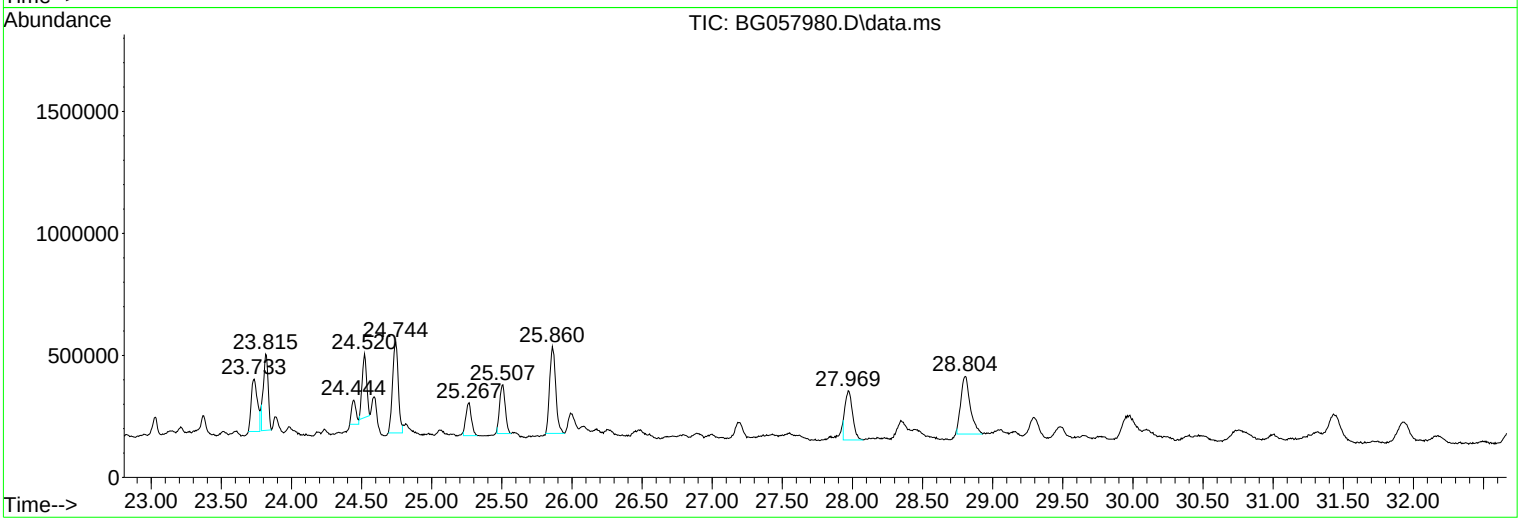
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
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ClientSampleId :
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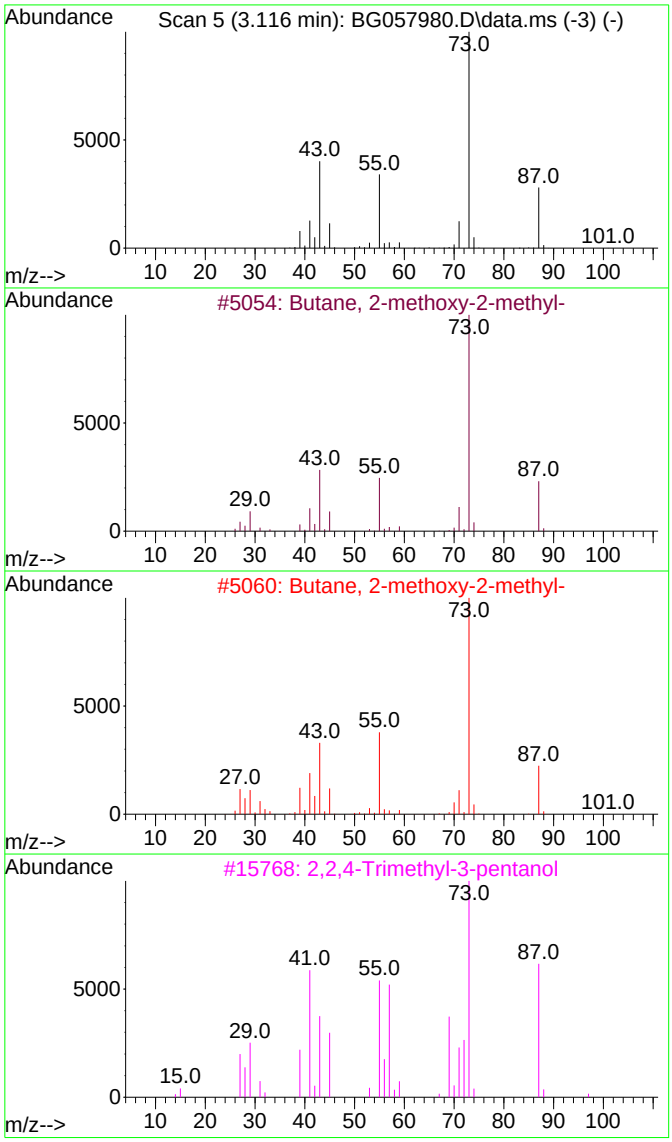
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

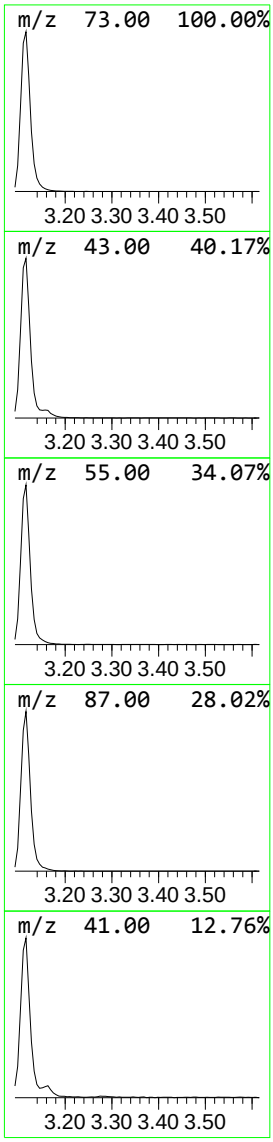
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	135.07 ng/ul	2210500	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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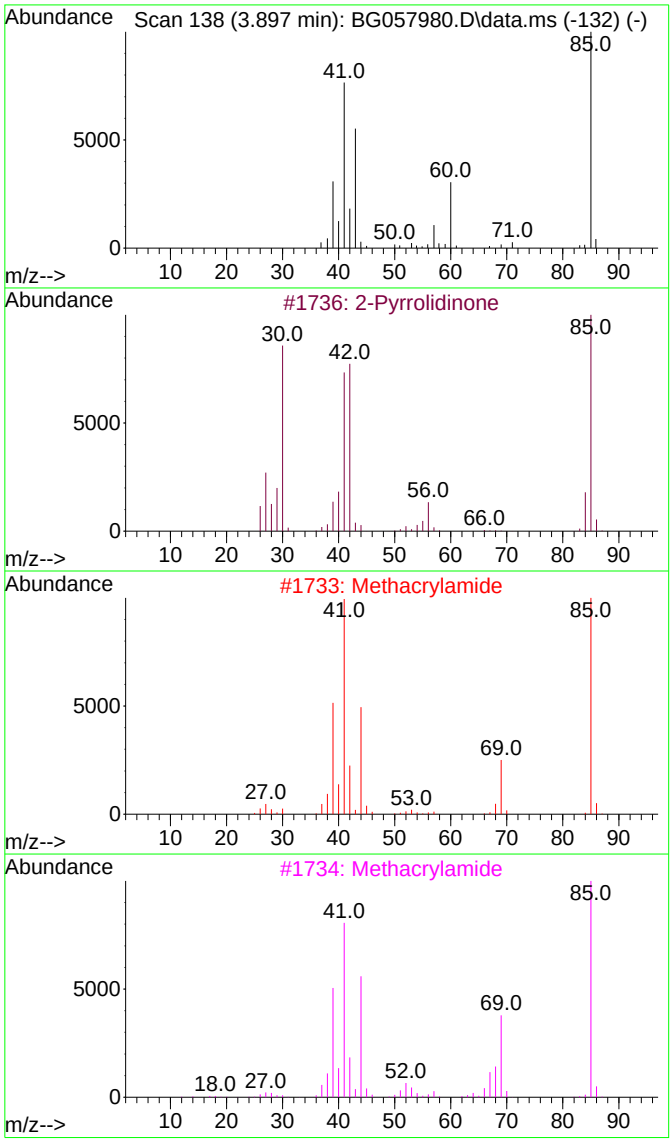
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

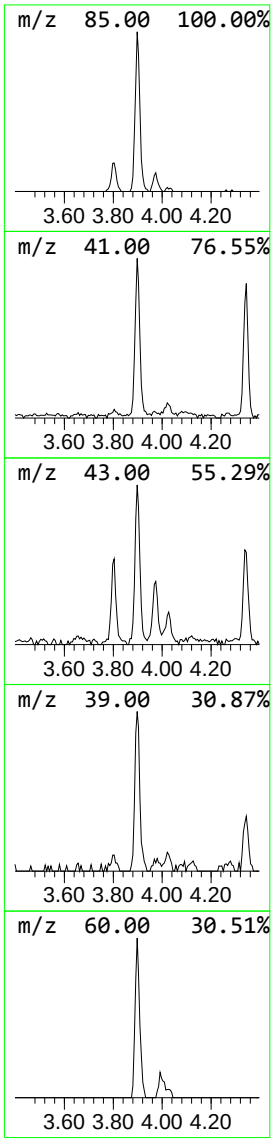
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.897	5.41 ng/ul	88469	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	Methacrylamide	85	C4H7NO	000079-39-0	36
4	2-Propyltetrahydropyran	128	C8H16O	003857-17-8	33
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	28





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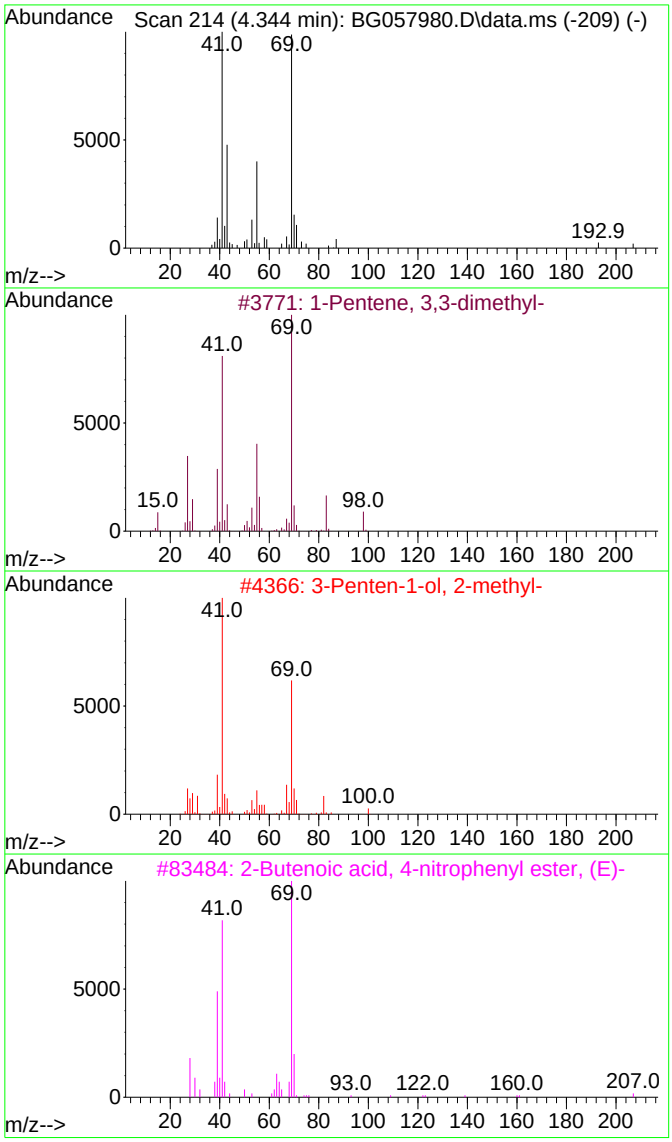
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

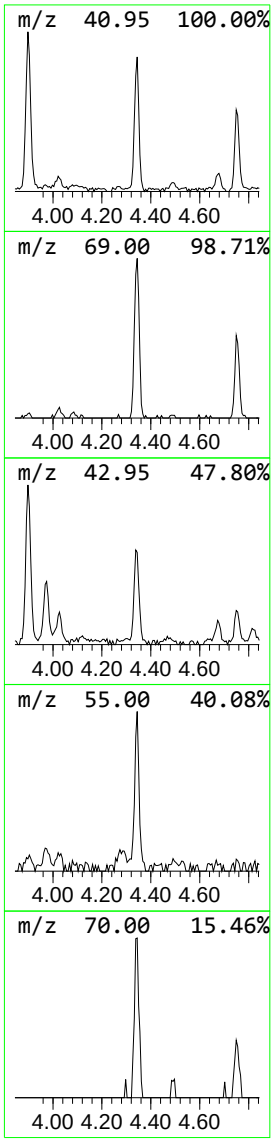
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.344	3.69 ng/ul	60360	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	64
2	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	56
3	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	53
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	50
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	42





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

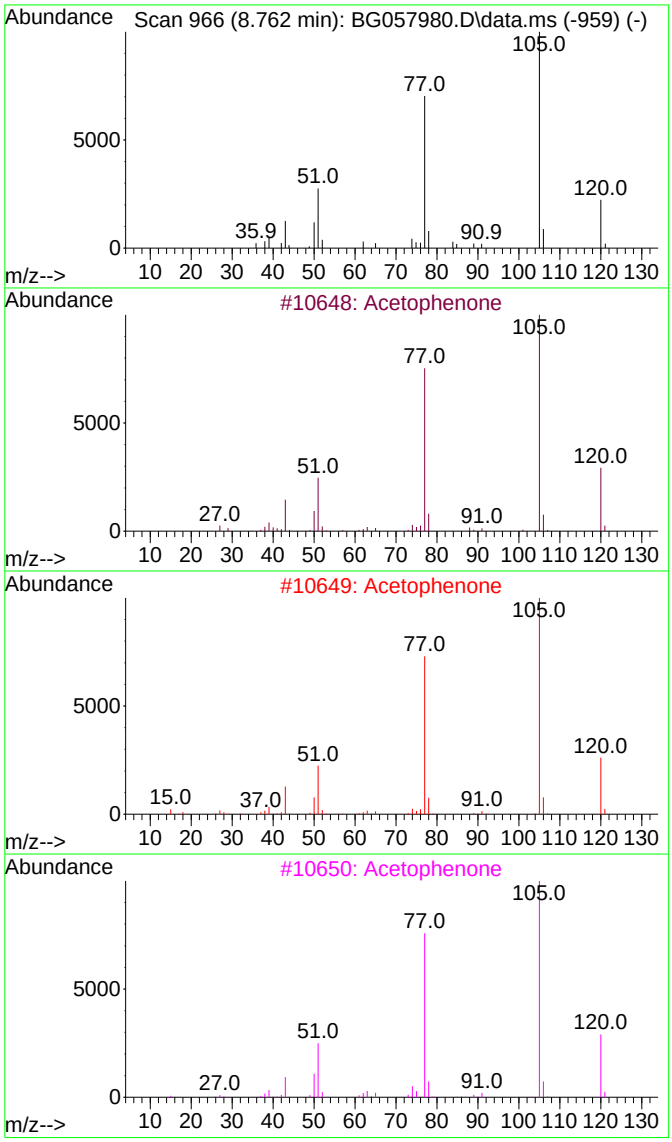
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

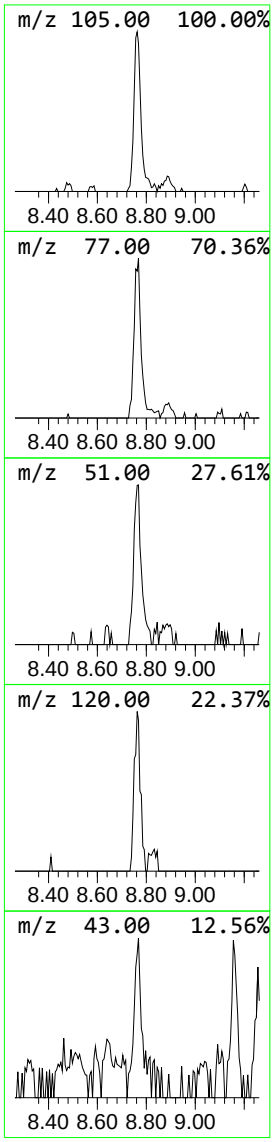
****

Peak Number 4 Aceto phenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.762	2.89 ng/ul	47230	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	93
2	Acetophenone	120	C8H8O	000098-86-2	93
3	Acetophenone	120	C8H8O	000098-86-2	90
4	Acetophenone	120	C8H8O	000098-86-2	90
5	Acetophenone	120	C8H8O	000098-86-2	87





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Data File : BG057980.D
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Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

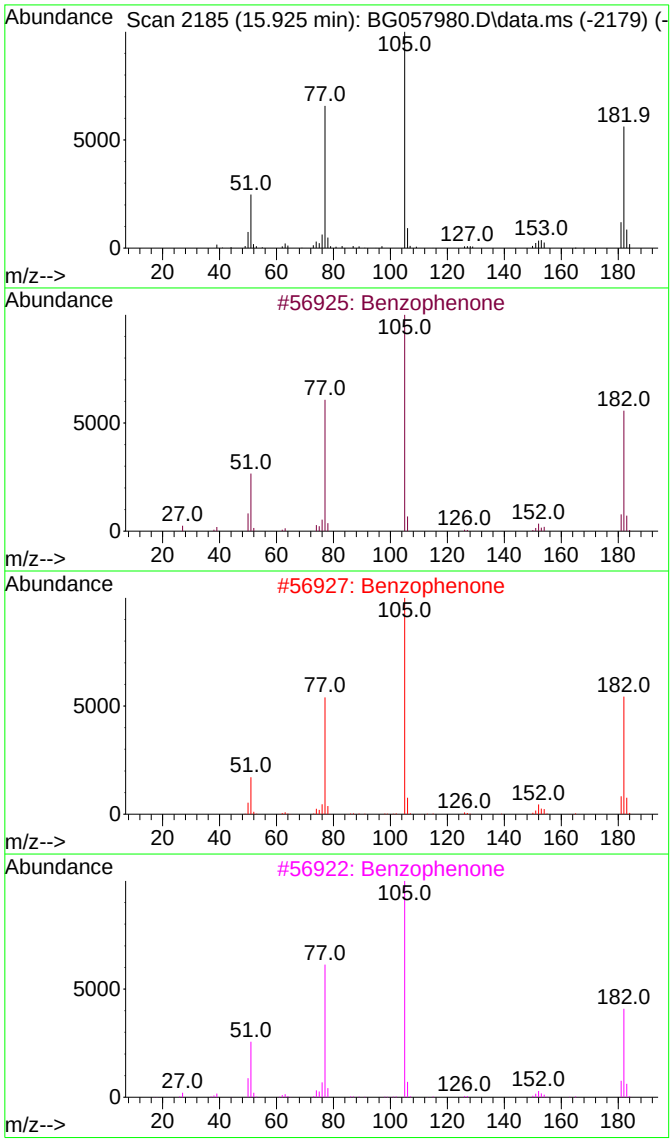
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

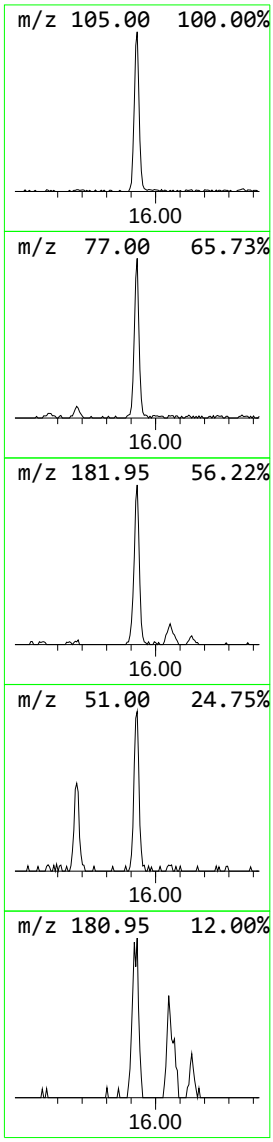
****

Peak Number 5 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.925	3.00 ng/ul	109250	Acenaphthene-d10	14.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47





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Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

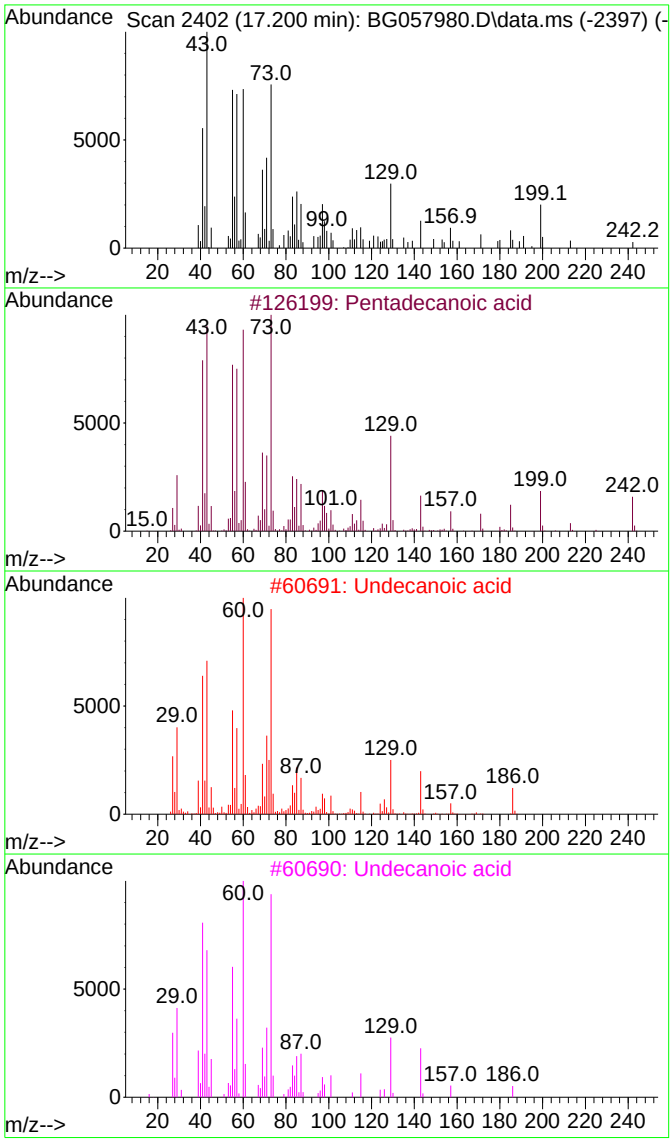
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

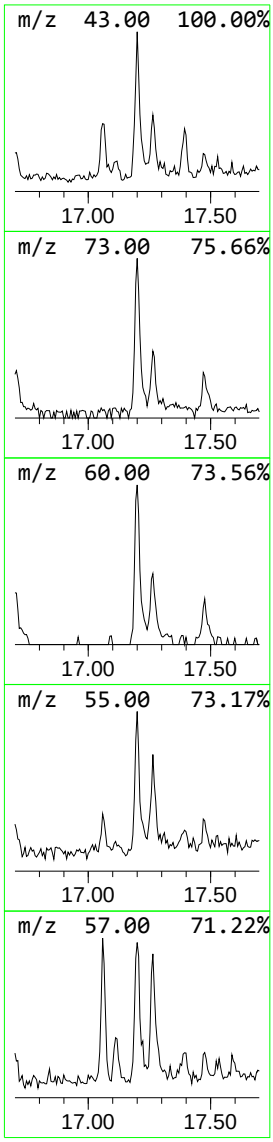
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.200	2.12 ng/ul	90027	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Dodecanoic acid	200	C12H24O2	000143-07-7	46
5	Nonanoic acid	158	C9H18O2	000112-05-0	30





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ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

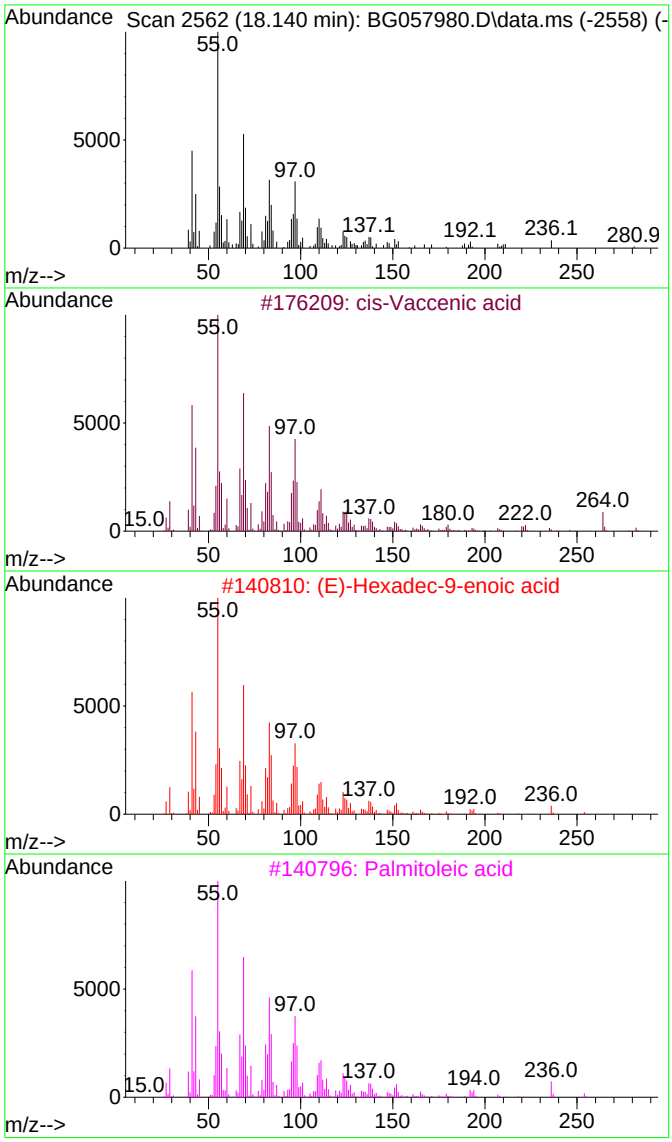
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

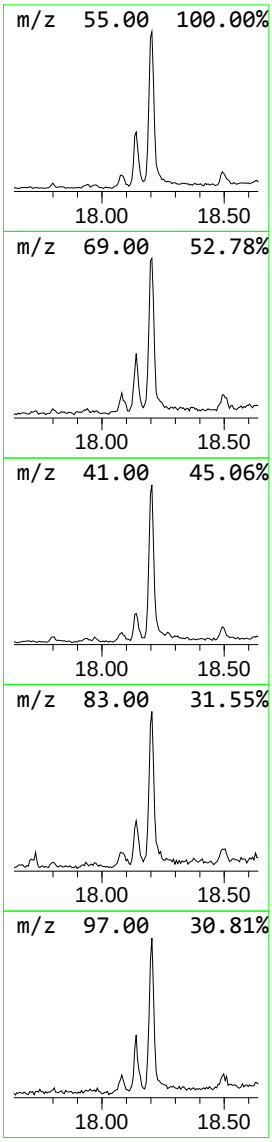
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 cis-Vaccenic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	2.84 ng/ul	120205	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	90
3	Palmitoleic acid	254	C16H30O2	000373-49-9	87
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	80
5	Myristoleic acid	226	C14H26O2	000544-64-9	80





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

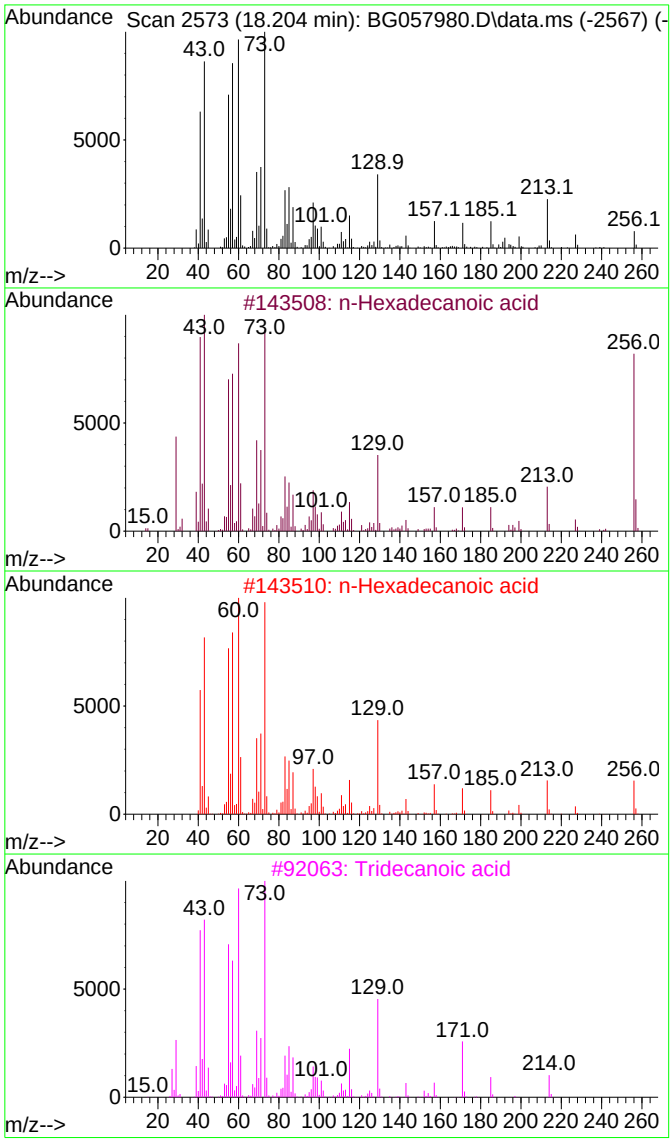
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

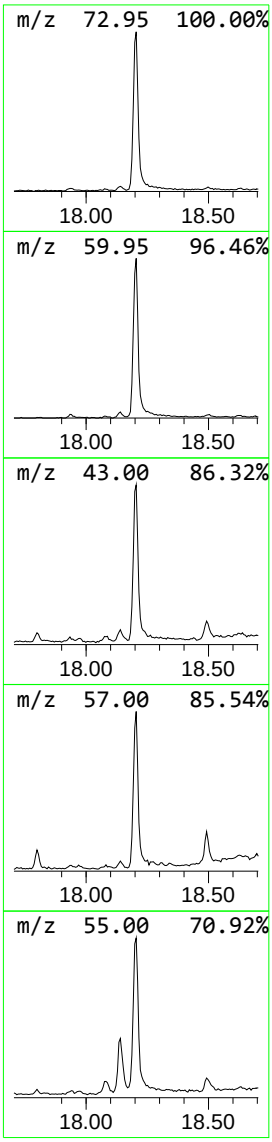
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	19.05 ng/ul	807059	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

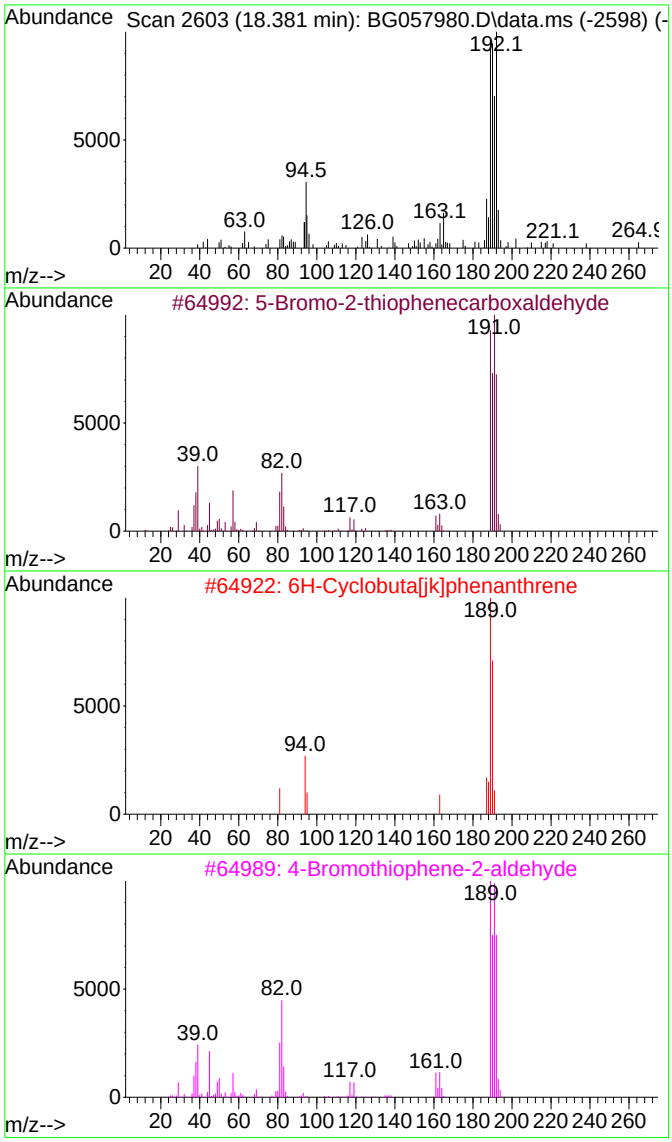
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

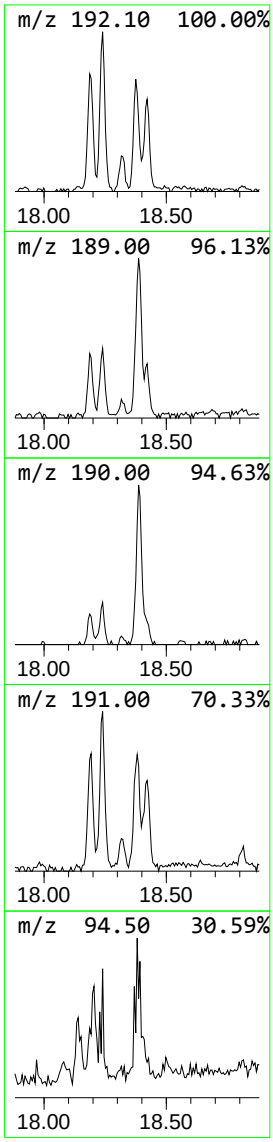
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5-Bromo-2-thiophenecarboxal... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	2.07 ng/ul	87674	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45





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ClientSampleId :
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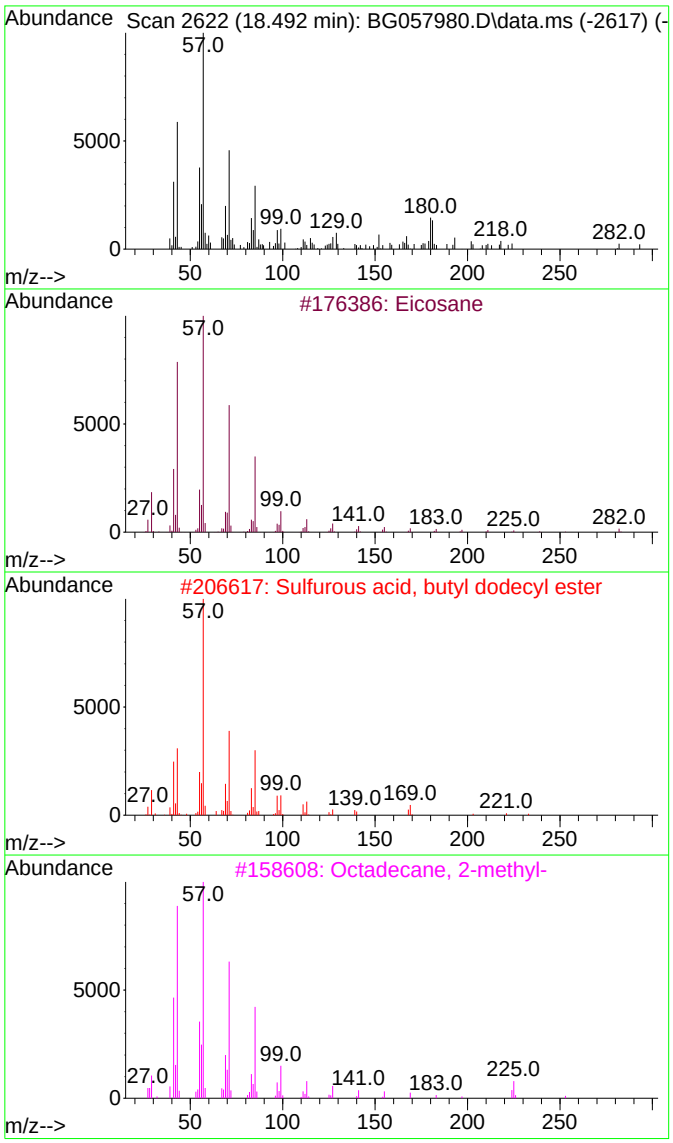
Quant Title : SVOA CALIBRATION

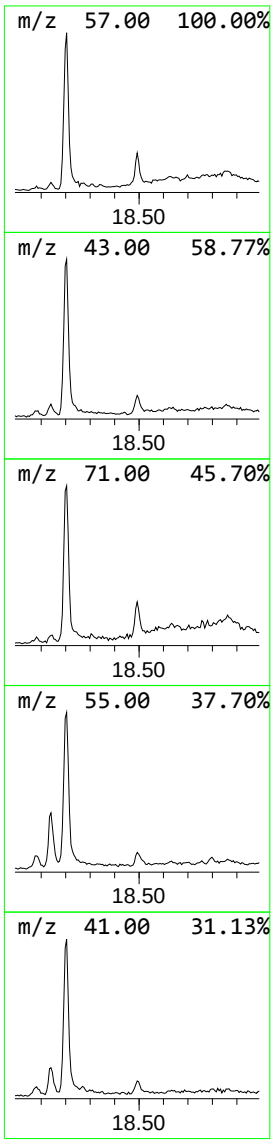
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.17 ng/ul	92053	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	59
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	58





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Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

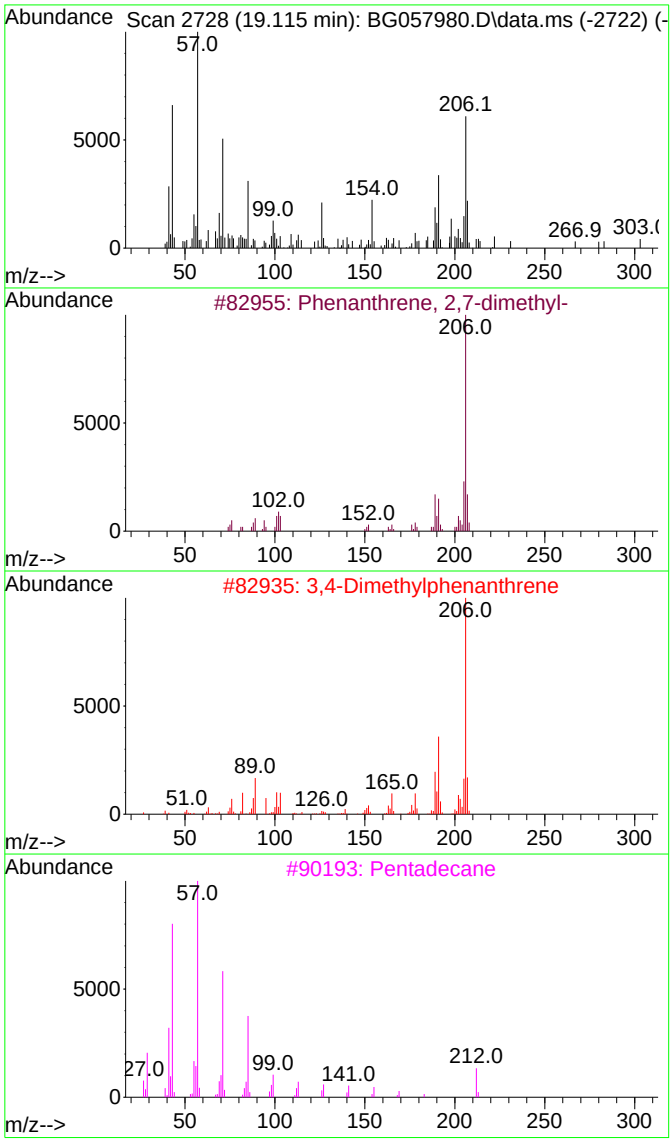
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

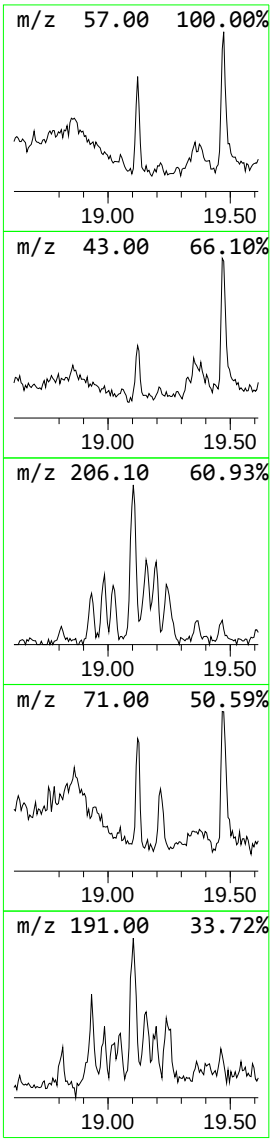
****

Peak Number 11 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	2.05 ng/ul	86887	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	35
3	Pentadecane	212	C15H32	000629-62-9	35
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	35
5	Tetradecane	198	C14H30	000629-59-4	30





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCGL7

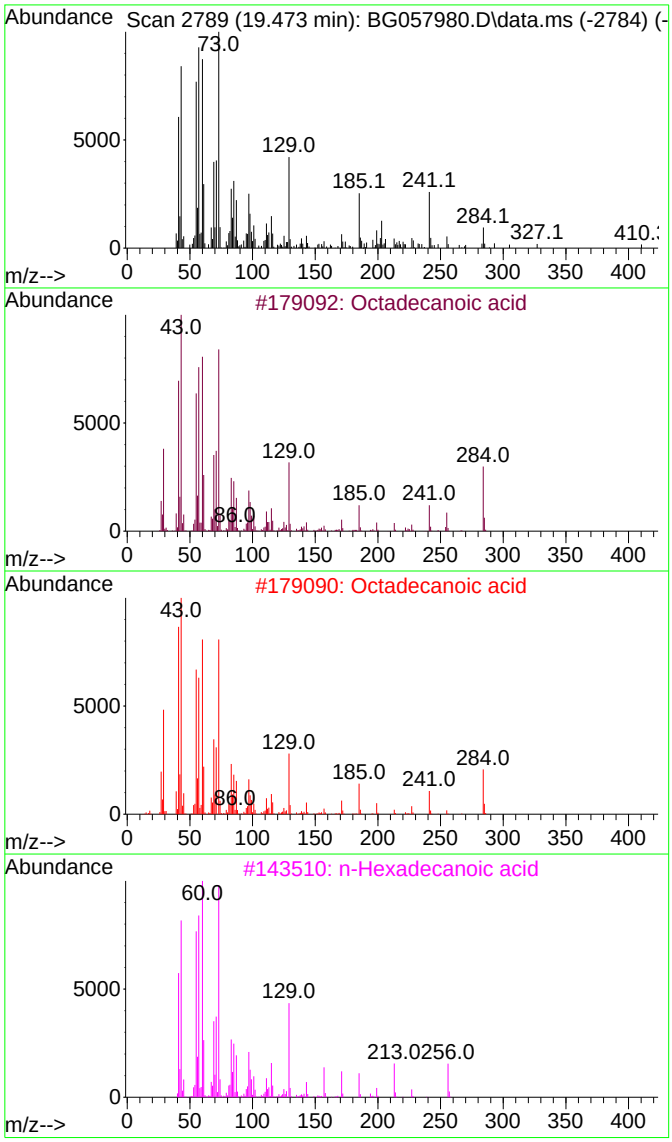
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

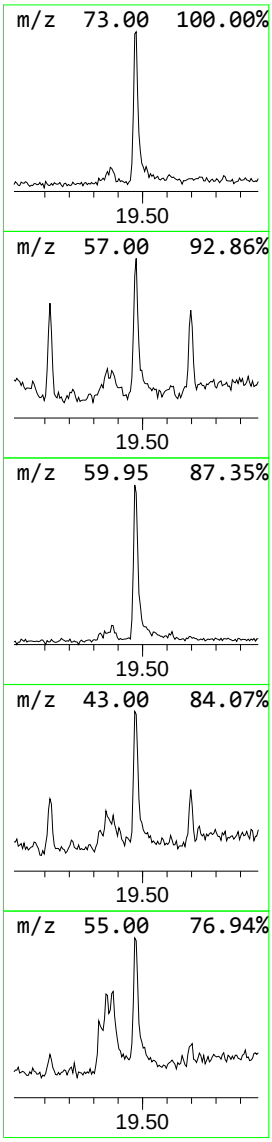
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.473	3.05 ng/ul	197054	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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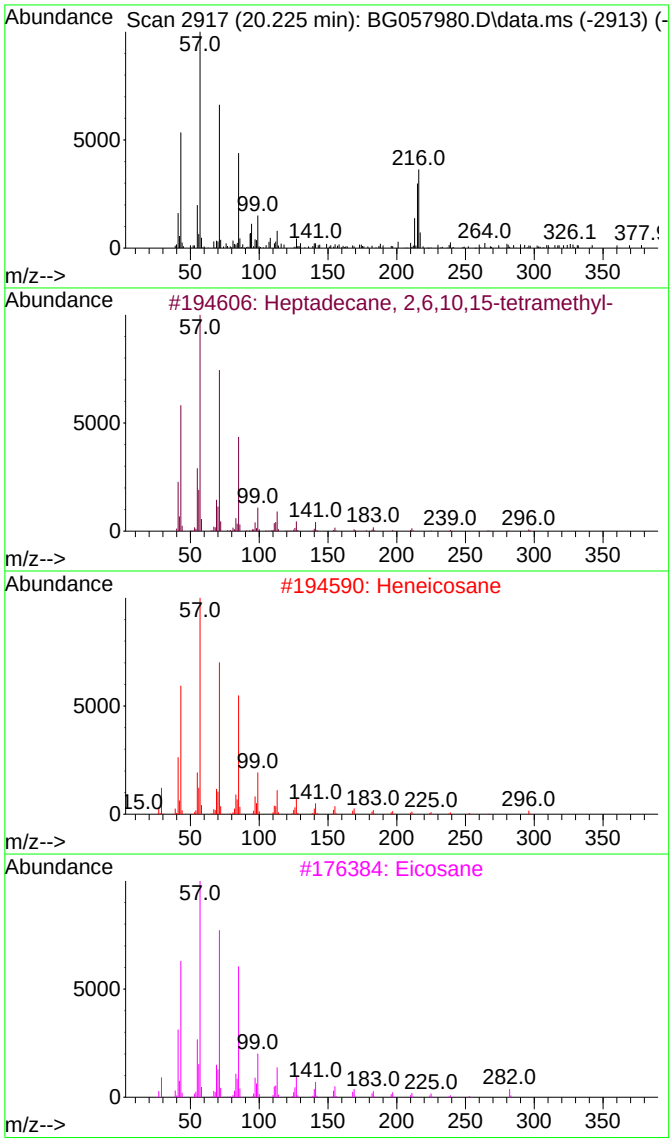
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

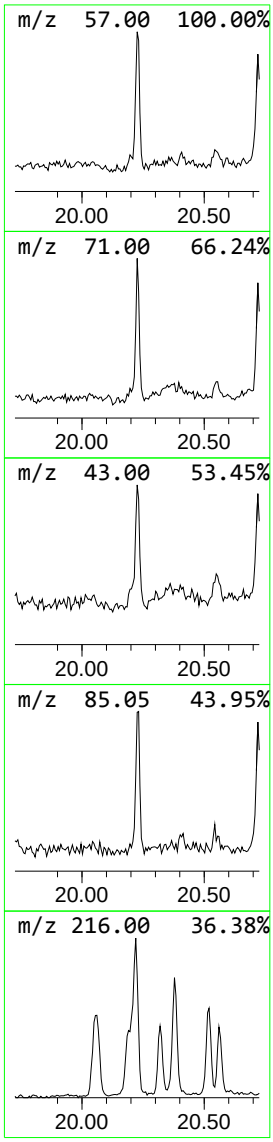
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.225	2.30 ng/ul	148631	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
2	Heneicosane	296	C21H44	000629-94-7	60
3	Eicosane	282	C20H42	000112-95-8	60
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	60
5	Nonadecane	268	C19H40	000629-92-5	53





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Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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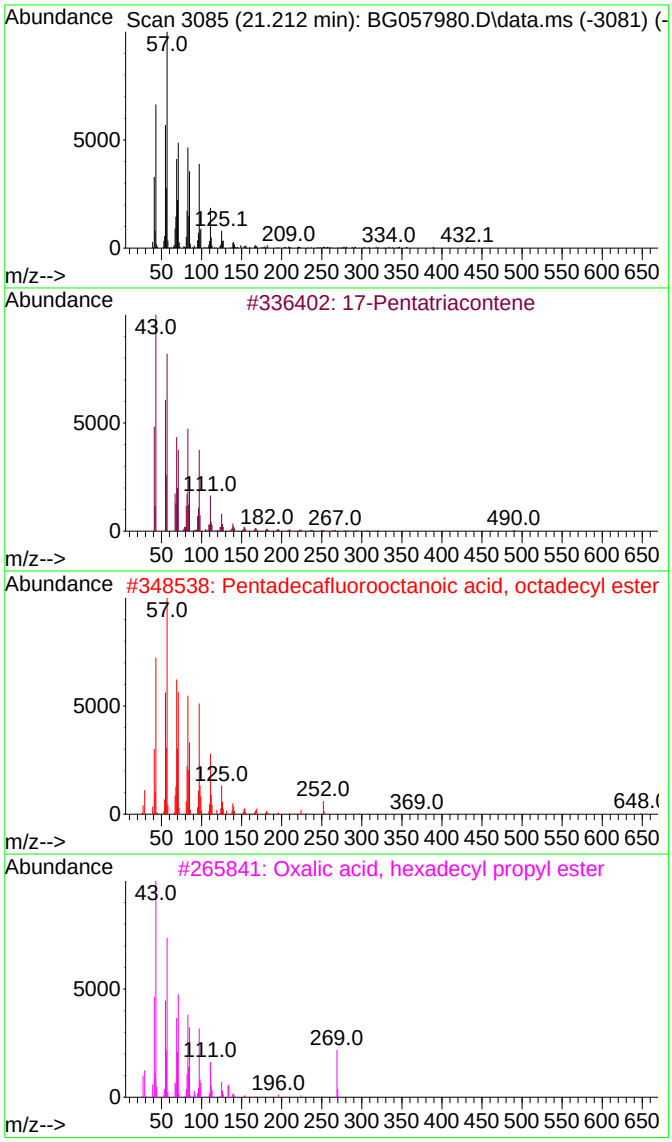
Quant Title : SVOA CALIBRATION

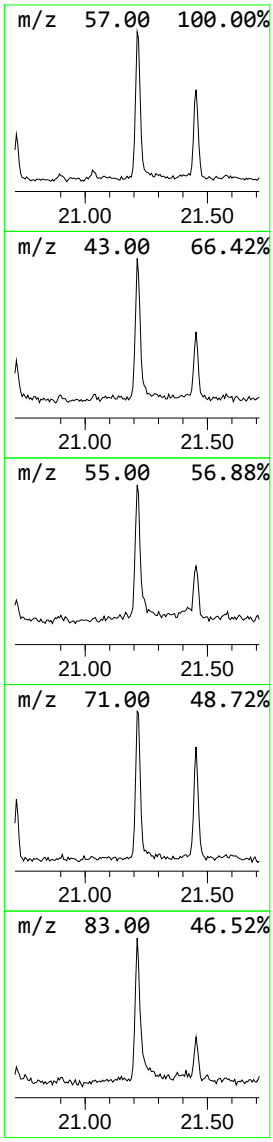
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.212	5.37 ng/ul	346604	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	81





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Misc :
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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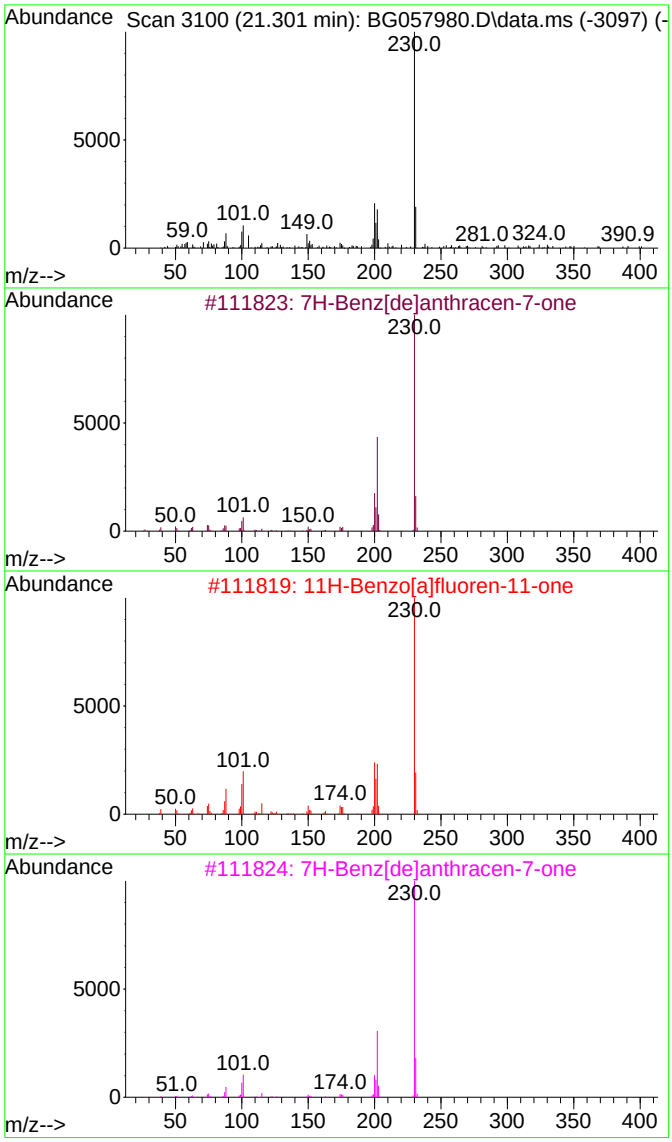
Quant Title : SVOA CALIBRATION

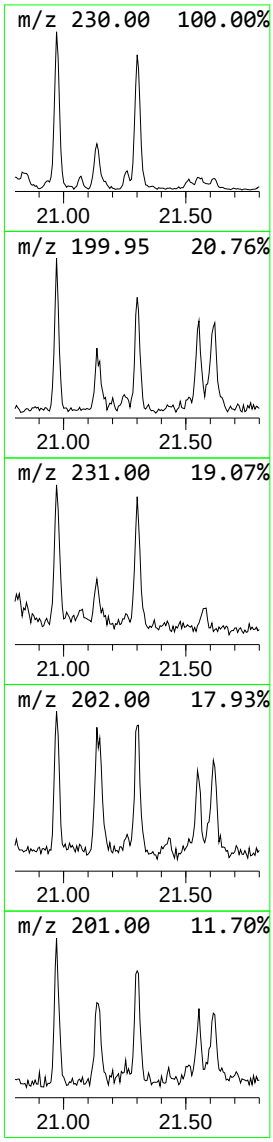
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.301	2.04 ng/ul	131602	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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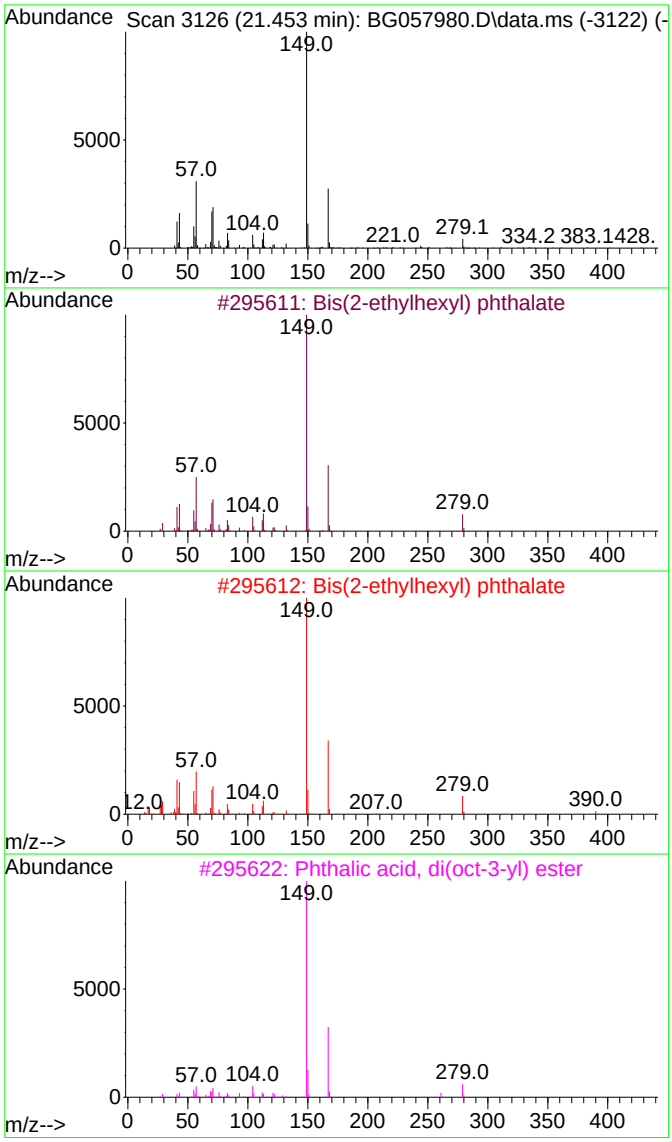
Quant Title : SVOA CALIBRATION

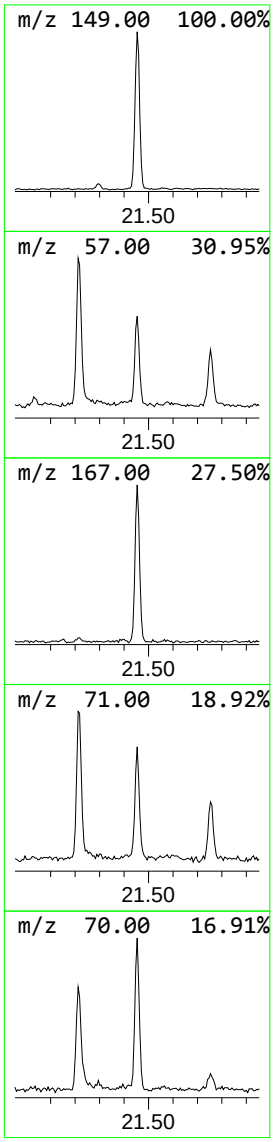
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Bis(2-ethylhexyl) phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.453	4.74 ng/ul	305805	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
3	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	86
4	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	72
5	Phthalic acid, hept-4-yl isohexy...	348	C21H32O4	1000356-78-6	72





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Operator : CG/JU
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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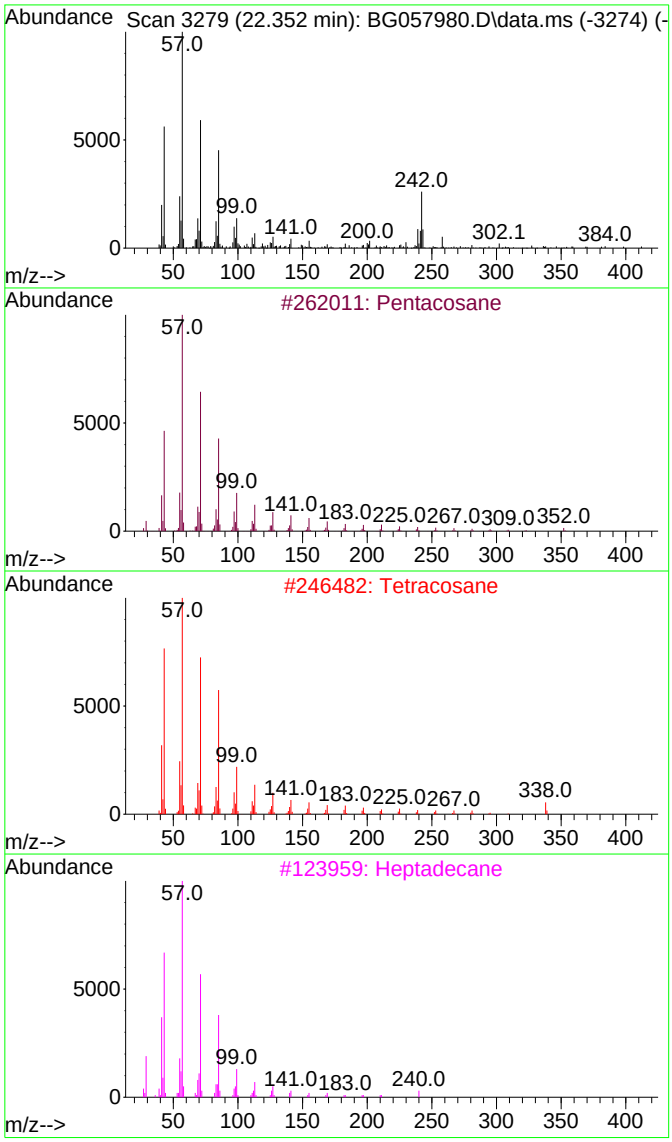
Quant Title : SVOA CALIBRATION

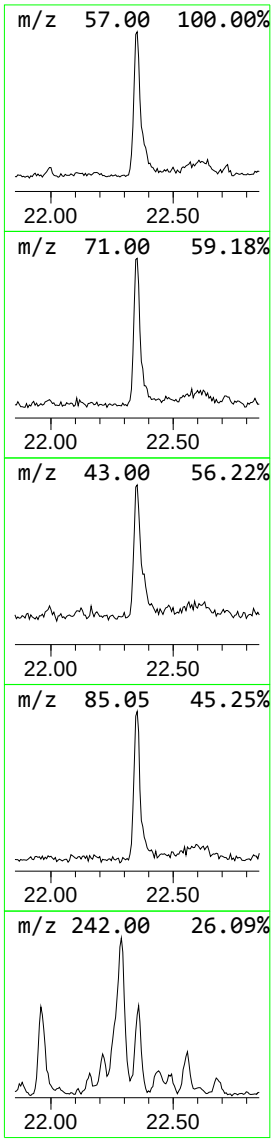
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.352	6.36 ng/ul	410926	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane	240	C17H36	000629-78-7	89
4	Heptadecane	240	C17H36	000629-78-7	83
5	Heptadecane	240	C17H36	000629-78-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

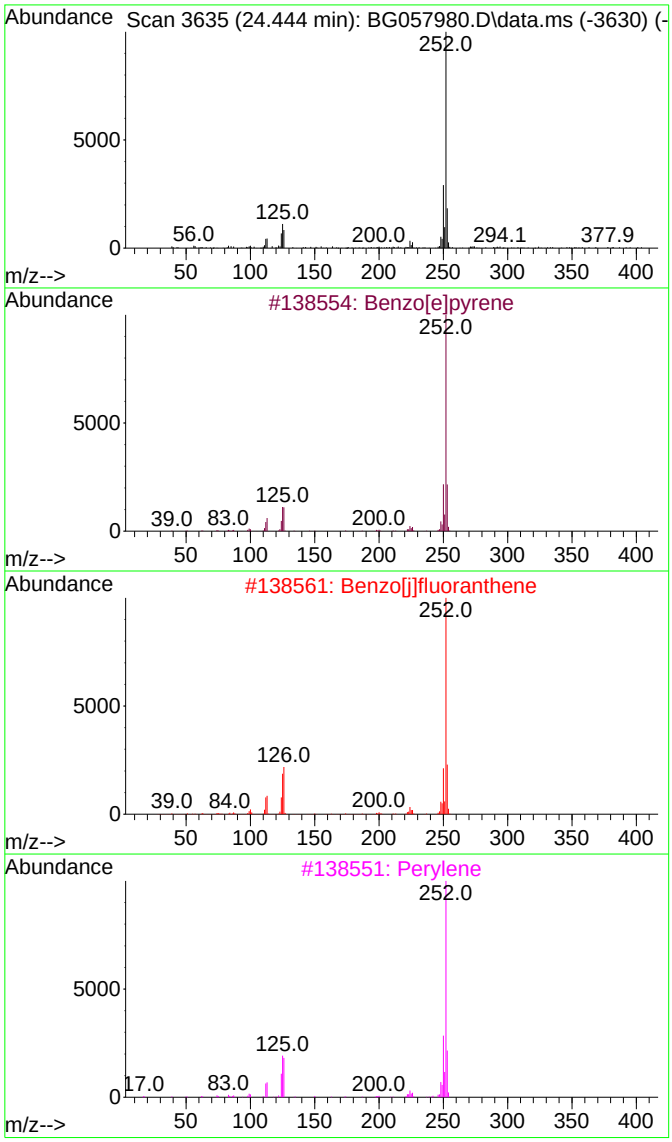
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

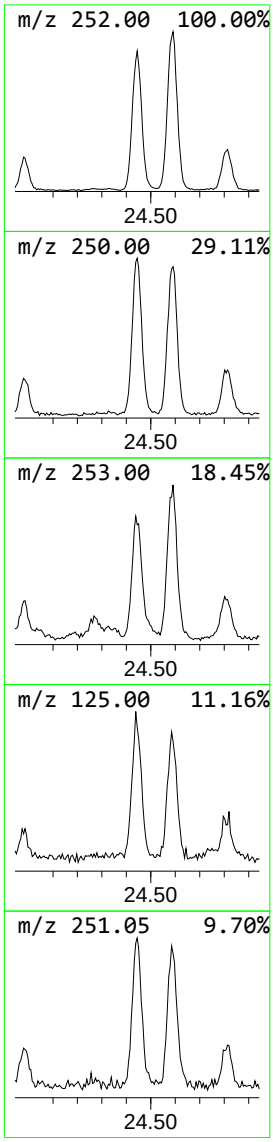
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.444	4.21 ng/ul	222348	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Perylene	252	C20H12	000198-55-0	89
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





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Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

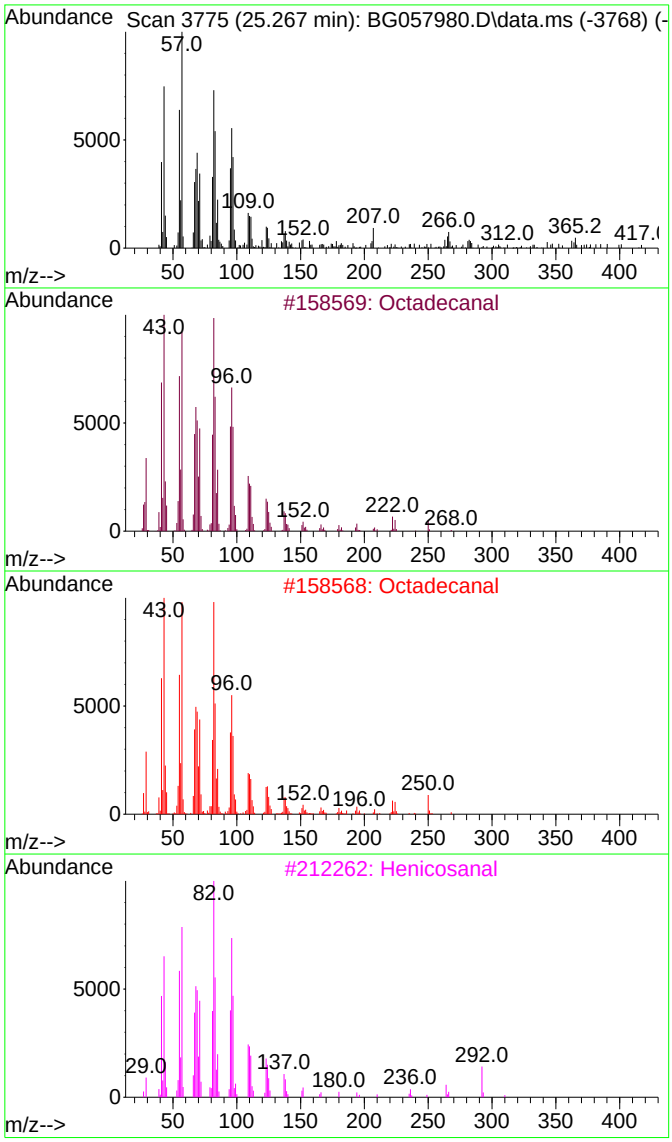
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

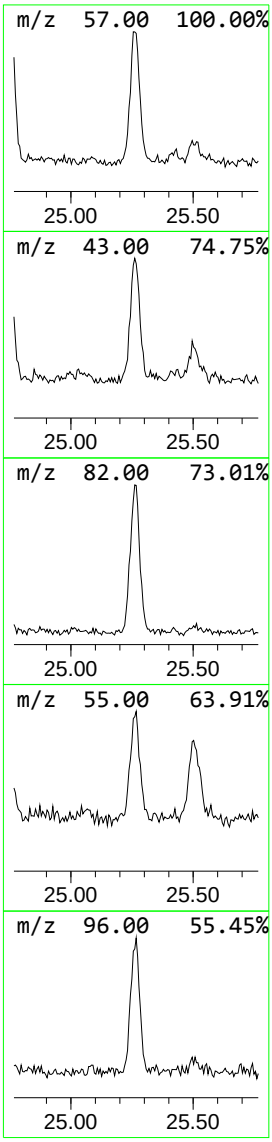
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.267	6.96 ng/ul	367954	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Octadecanal	268	C18H36O	000638-66-4	95
3	Henicosanal	310	C21H42O	051227-32-8	92
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

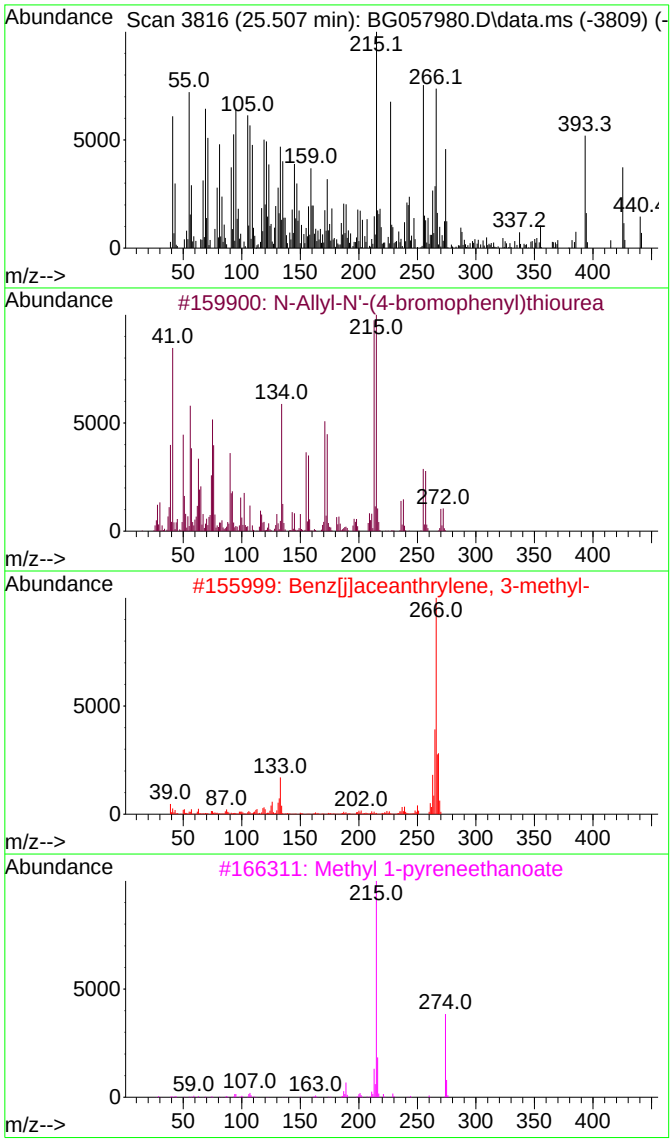
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

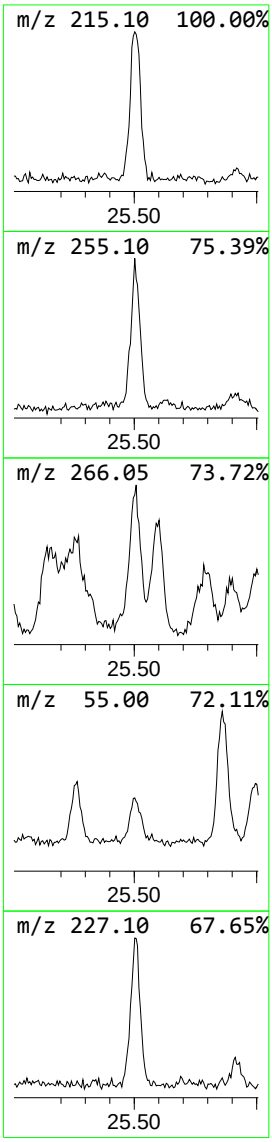
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 N-Allyl-N'-(4-bromophenyl)t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.508	10.40 ng/ul	549761	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Allyl-N'-(4-bromophenyl)thiourea	270	C10H11BrN2S	067544-10-9	59
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	55
3	Methyl 1-pyreneethanoate	274	C19H14O2	073654-19-0	48
4	1-Pyrenebutanoic acid	288	C20H16O2	003443-45-6	25
5	Ethanone, 1-[4-[4-(dimethylamino...	266	C17H18N2O	038131-68-9	25





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Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

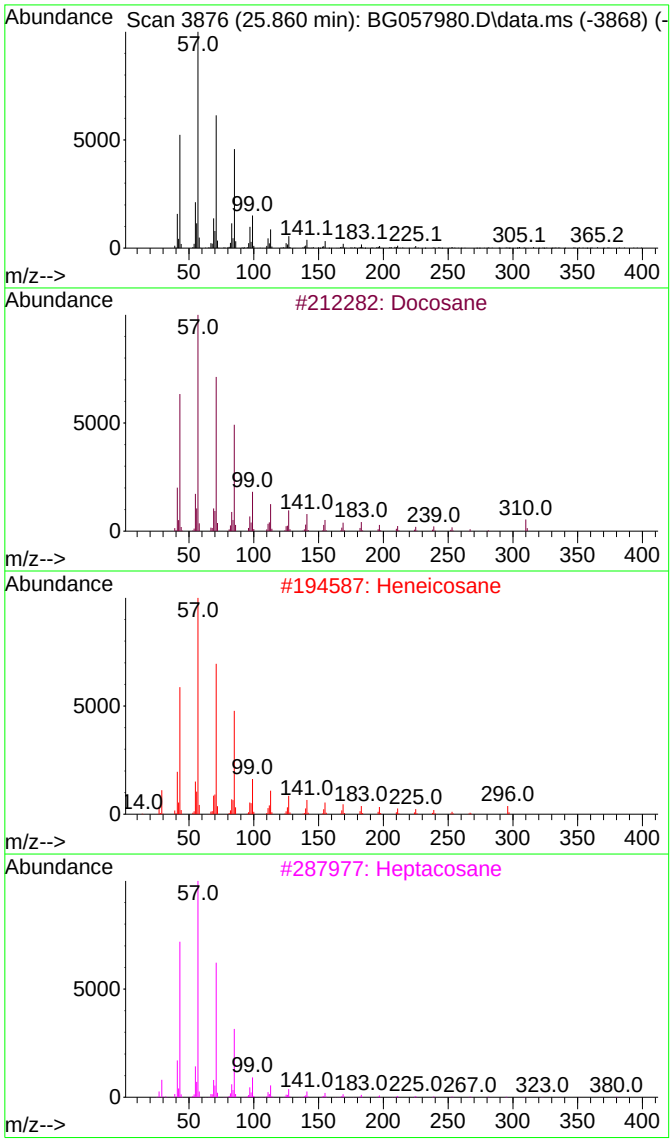
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

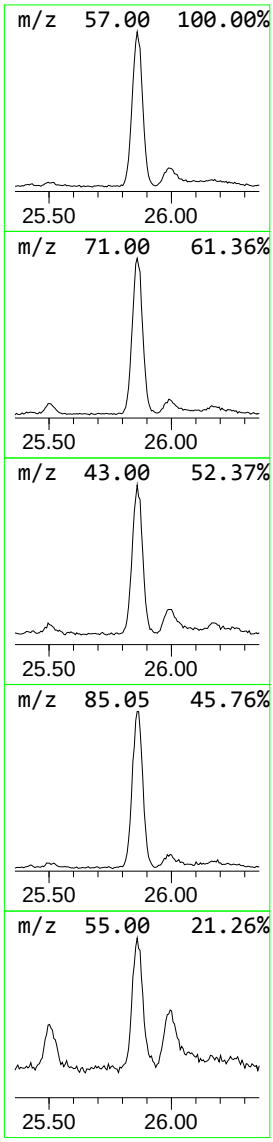
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.860	20.16 ng/ul	1065400	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

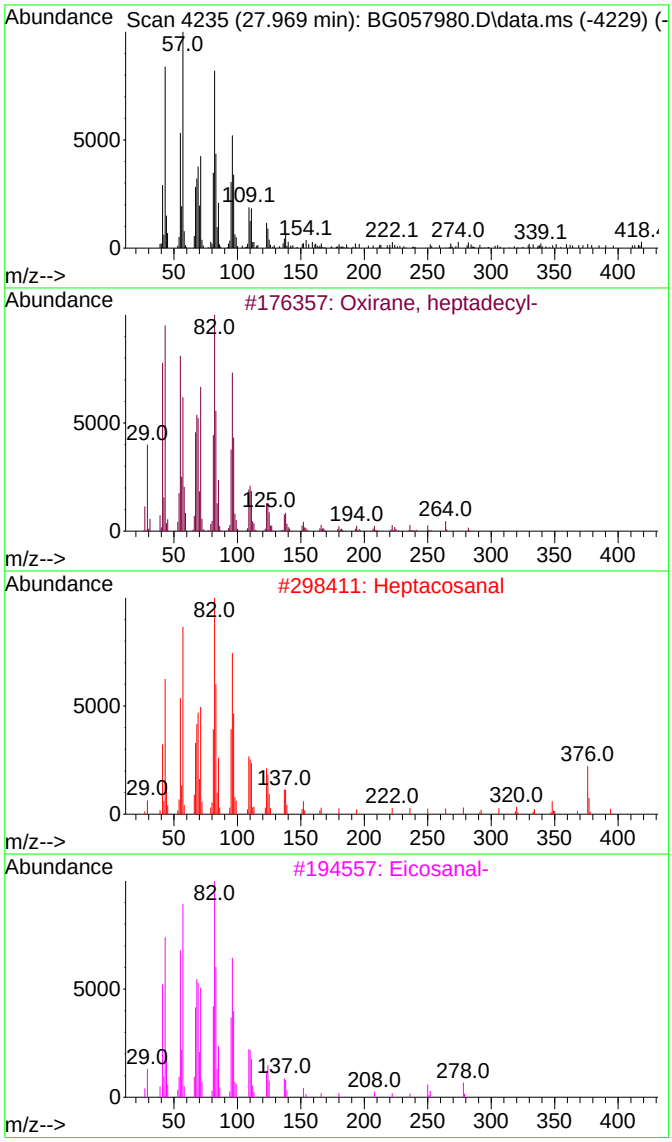
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

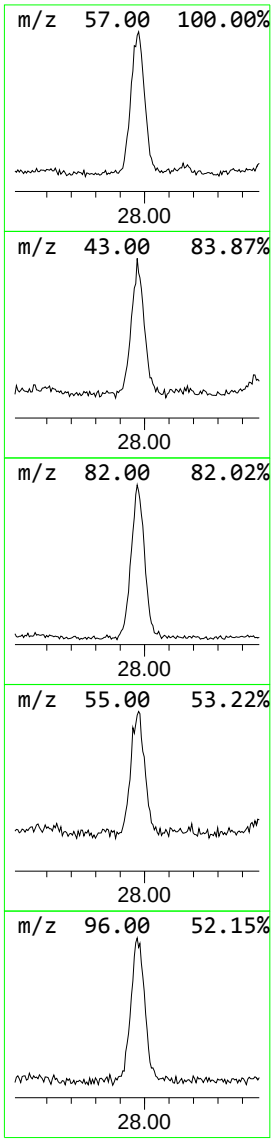
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Oxirane, heptadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.969	14.04 ng/ul	742207	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Heptacosanal	394	C27H54O	072934-03-3	91
3	Eicosanal-	296	C20H40O	002400-66-0	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5	Tetradecanal	212	C14H28O	000124-25-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

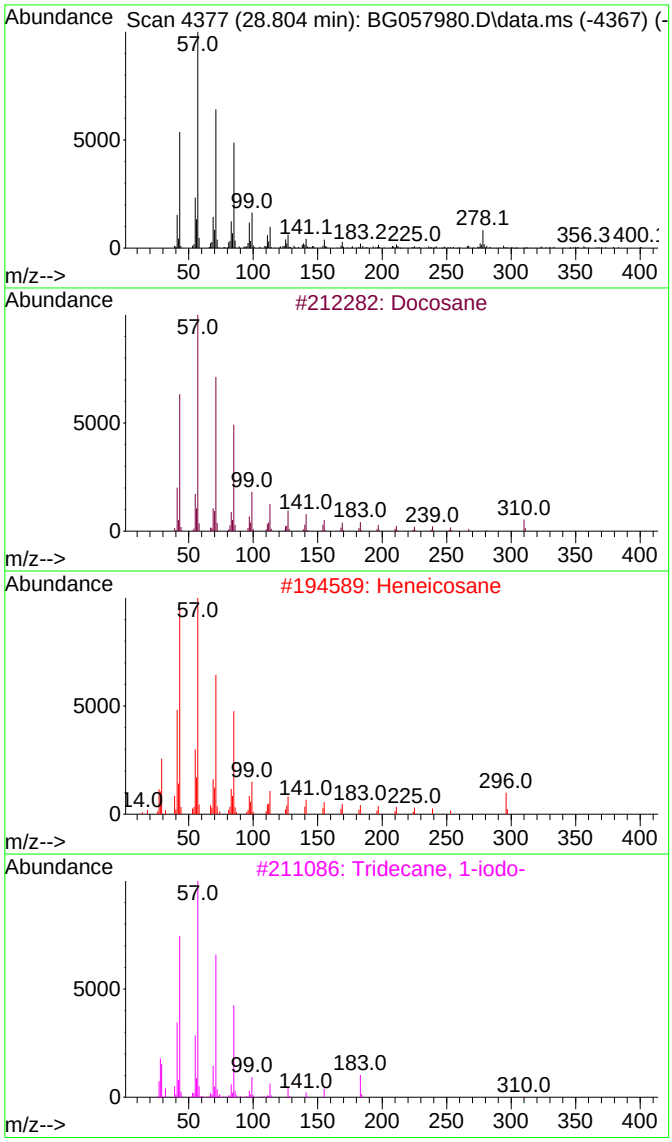
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

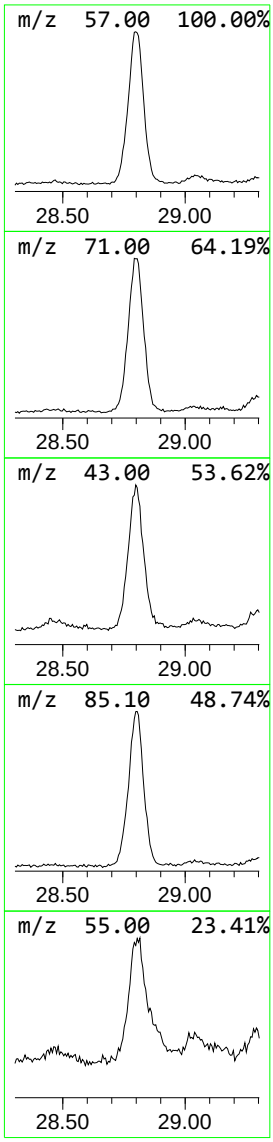
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.804	20.82 ng/ul	1100640	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057980.D
Acq On : 4 Jul 2023 9:08
Operator : CG/JU
Sample : 03247-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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...	3.116	135.1	ng/ul	2210500	1	7.940	327306	20.0
unknown-01	3.897	5.4	ng/ul	88469	1	7.940	327306	20.0
(DEL) Alkane: S...	4.344	3.7	ng/ul	60360	1	7.940	327306	20.0
Aceto phenone	8.762	2.9	ng/ul	47230	1	7.940	327306	20.0
Benzophenone	15.925	3.0	ng/ul	109250	3	14.573	728718	20.0
Pentadecanoic acid	17.200	2.1	ng/ul	90027	4	17.317	847484	20.0
cis-Vaccenic acid	18.140	2.8	ng/ul	120205	4	17.317	847484	20.0
n-Hexadecanoic ...	18.204	19.1	ng/ul	807059	4	17.317	847484	20.0
5-Bromo-2-thiop...	18.381	2.1	ng/ul	87674	4	17.317	847484	20.0
(DEL) Alkane: S...	18.492	2.2	ng/ul	92053	4	17.317	847484	20.0
unknown-02	19.115	2.0	ng/ul	86887	4	17.317	847484	20.0
Octadecanoic acid	19.473	3.0	ng/ul	197054	5	21.571	1291540	20.0
(DEL) Alkane: S...	20.225	2.3	ng/ul	148631	5	21.571	1291540	20.0
(DEL) Alkane: S...	21.212	5.4	ng/ul	346604	5	21.571	1291540	20.0
7H-Benz[de]anth...	21.301	2.0	ng/ul	131602	5	21.571	1291540	20.0
Bis(2-ethylhexy...	21.453	4.7	ng/ul	305805	5	21.571	1291540	20.0
(DEL) Alkane: S...	22.352	6.4	ng/ul	410926	5	21.571	1291540	20.0
Benzo[e]pyrene	24.444	4.2	ng/ul	222348	6	24.744	1057070	20.0
Octadecanal	25.267	7.0	ng/ul	367954	6	24.744	1057070	20.0
N-Allyl-N'-(4-b...	25.508	10.4	ng/ul	549761	6	24.744	1057070	20.0
(DEL) Alkane: S...	25.860	20.2	ng/ul	1065400	6	24.744	1057070	20.0
Oxirane, heptad...	27.969	14.0	ng/ul	742207	6	24.744	1057070	20.0
(DEL) Alkane: S...	28.804	20.8	ng/ul	1100640	6	24.744	1057070	20.0