LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058308.D
Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

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-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058308.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.149	5	10	57	rVB	5839289	12755964	100.00%	41.312%
2	4.336	207	212	224	rVB2	30195	55780	0.44%	0.181%
3	4.618	255	260	270	rVB	44820	74480	0.58%	0.241%
4	5.358	380	386	391	rBV2	28180	46941	0.37%	0.152%
5	5.540	410	417	427	rBV	31241	75186	0.59%	0.244%
6	5.799	452	461	467	rBV	360295	669466	5.25%	2.168%
7	6.175	517	525	536	rBV	77405	134757	1.06%	0.436%
8	6.521	576	584	601	rBV	647566	1108785	8.69%	3.591%
9	7.062	667	676	687	rBV2	54032	124264	0.97%	0.402%
10	7.226	695	704	714	rVB	41244	71104	0.56%	0.230%
11	7.432	731	739	748	rBV2	50447	103682	0.81%	0.336%
12	7.614	764	770	773	rBV	15972	30584	0.24%	0.099%
13	7.896	806	818	825	rBV	135700	238222	1.87%	0.772%
14	7.973	825	831	836	rBV	40897	67845	0.53%	0.220%
15	8.072	841	848	854	rVV	75224	143899	1.13%	0.466%
16	8.149	854	861	865	rVV2	77374	136031	1.07%	0.441%
17	8.219	865	873	885	rVV	1325820	2365002	18.54%	7.659%
18	8.601	930	938	944	rVV4	50027	120718	0.95%	0.391%
19	8.660	944	948	952	rVV2	30448	57182	0.45%	0.185%
20	8.719	952	958	971	rVV2	79438	172088	1.35%	0.557%
21	8.889	982	987	1000	rVV	71916	145079	1.14%	0.470%
22	9.059	1010	1016	1023	rVV	49554	91579	0.72%	0.297%
23	9.148	1023	1031	1034	rVV5	16333	29999	0.24%	0.097%
24	9.189	1034	1038	1052	rVB	34991	70824	0.56%	0.229%
25	9.500	1081	1091	1094	rBV8	9416	23395	0.18%	0.076%
26	9.782	1133	1139	1146	rVB	40861	71852	0.56%	0.233%
27	9.947	1161	1167	1176	rBV3	26177	62222	0.49%	0.202%
28	10.323	1221	1231	1240	rBV2	72918	150682	1.18%	0.488%
29	10.552	1262	1270	1275	rBV5	10554	27032	0.21%	0.088%
30	10.699	1282	1295	1301	rBV	206981	397567	3.12%	1.288%
31	11.239	1380	1387	1394	rVB5	10494	24146	0.19%	0.078%
32	12.649	1623	1627	1633	rVB3	23216	34871	0.27%	0.113%
33	12.749	1638	1644	1647	rBV2	12609	22735	0.18%	0.074%
34	13.349	1742	1746	1752	rVB	20205	29353	0.23%	0.095%
35	13.936	1840	1846	1852	rBV	142932	216408	1.70%	0.701%
36	14.171	1875	1886	1890	rBV2	61913	111991	0.88%	0.363%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

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-BG071723.MA.M
Title : SVOA CALIBRATION

37	14.230	1890	1896	1908	rVB	154431	275487	2.16%	0.892%
38	14.535	1939	1948	1955	rBV	351184	555775	4.36%	1.800%
39	14.735	1977	1982	1990	rBV3	37837	75994	0.60%	0.246%
40	14.882	2003	2007	2011	rBV2	20554	30859	0.24%	0.100%
41	14.935	2011	2016	2023	rVB7	11020	24712	0.19%	0.080%
42	15.523	2111	2116	2122	rBV	217072	341681	2.68%	1.107%
43	15.646	2131	2137	2140	rBV2	47592	73208	0.57%	0.237%
44	15.787	2156	2161	2165	rVB2	24747	38494	0.30%	0.125%
45	15.887	2171	2178	2183	rBV2	48638	77300	0.61%	0.250%
46	16.069	2204	2209	2223	rVV3	17745	45018	0.35%	0.146%
47	16.504	2279	2283	2288	rVV	26665	39188	0.31%	0.127%
48	16.809	2330	2335	2339	rVB3	21210	28628	0.22%	0.093%
49	17.027	2365	2372	2375	rBV6	13474	23508	0.18%	0.076%
50	17.150	2389	2393	2396	rBV3	38389	54357	0.43%	0.176%
51	17.191	2396	2400	2405	rVB2	43948	61624	0.48%	0.200%
52	17.279	2407	2415	2419	rBV	464514	758229	5.94%	2.456%
53	17.320	2419	2422	2427	rVB	199035	266072	2.09%	0.862%
54	17.379	2427	2432	2436	rBV	191152	298553	2.34%	0.967%
55	17.450	2441	2444	2450	rVB	38263	52382	0.41%	0.170%
56	17.679	2477	2483	2487	rBV2	16190	28875	0.23%	0.094%
57	17.726	2487	2491	2494	rVV3	33818	52408	0.41%	0.170%
58	17.761	2494	2497	2501	rVV5	26981	37575	0.29%	0.122%
59	17.873	2509	2516	2522	rVV2	95395	192650	1.51%	0.624%
60	17.937	2522	2527	2532	rVB	63032	79692	0.62%	0.258%
61	17.996	2532	2537	2542	rBV7	18223	31130	0.24%	0.101%
62	18.161	2560	2565	2568	rVV2	63849	104146	0.82%	0.337%
63	18.202	2569	2572	2578	rVB	43944	61404	0.48%	0.199%
64	18.349	2591	2597	2601	rBV3	77224	137470	1.08%	0.445%
65	18.401	2601	2606	2610	rVV2	33710	73339	0.57%	0.238%
66	18.448	2610	2614	2619	rVV2	33066	43410	0.34%	0.141%
67	18.631	2640	2645	2646	rBV3	26561	31494	0.25%	0.102%
68	18.648	2646	2648	2653	rVB	21313	31435	0.25%	0.102%
69	18.736	2661	2663	2666	rVB3	23747	23242	0.18%	0.075%
70	18.895	2685	2690	2697	rVB8	20267	34143	0.27%	0.111%
71	18.966	2697	2702	2708	rBV3	35246	61804	0.48%	0.200%
72	19.071	2714	2720	2723	rBV3	28997	56311	0.44%	0.182%
73	19.107	2723	2726	2730	rVV2	85518	119236	0.93%	0.386%
74	19.165	2733	2736	2738	rVV3	28567	39604	0.31%	0.128%
75	19.201	2738	2742	2746	rVV6	41082	88864	0.70%	0.288%
76	19.236	2746	2748	2756	rVV5	44397	77543	0.61%	0.251%

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Misc :
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Instrument :
BNA_G
ClientSampleId :
A46R8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

77	19.330	2759	2764	2770	rVB	353102	513060	4.02%	1.662%
78	19.436	2778	2782	2785	rBV6	17601	23516	0.18%	0.076%
79	19.471	2785	2788	2792	rVB6	16395	23739	0.19%	0.077%
80	19.665	2815	2821	2824	rBV2	366243	587299	4.60%	1.902%
81	19.694	2824	2826	2835	rVV	351343	466163	3.65%	1.510%
82	19.770	2835	2839	2844	rVB3	28508	41588	0.33%	0.135%
83	20.017	2876	2881	2886	rBV5	25095	62224	0.49%	0.202%
84	20.188	2906	2910	2914	rVB2	58142	91747	0.72%	0.297%
85	20.288	2923	2927	2931	rBV	31718	42444	0.33%	0.137%
86	20.340	2934	2936	2940	rVB2	25228	32179	0.25%	0.104%
87	20.487	2957	2961	2963	rBV	21856	27372	0.21%	0.089%
88	21.410	3114	3118	3126	rVB	138926	188298	1.48%	0.610%
89	21.527	3130	3138	3143	rVV3	484201	996458	7.81%	3.227%
90	21.574	3143	3146	3153	rVB	129213	205865	1.61%	0.667%
91	21.709	3166	3169	3177	rVB4	41774	74436	0.58%	0.241%
92	22.297	3265	3269	3276	rVB3	76489	123216	0.97%	0.399%
93	22.949	3373	3380	3393	rBV2	336241	693882	5.44%	2.247%
94	23.666	3495	3502	3508	rBV2	84258	257578	2.02%	0.834%
95	23.736	3510	3514	3522	rVB2	86279	191397	1.50%	0.620%
96	24.371	3615	3622	3627	rBV2	51087	129090	1.01%	0.418%
97	24.441	3627	3634	3641	rVV2	137224	379079	2.97%	1.228%
98	24.512	3642	3646	3655	rVB	68277	160057	1.25%	0.518%
99	24.659	3662	3671	3681	rBV	305615	861037	6.75%	2.789%
100	25.740	3848	3855	3867	rVB2	40900	116598	0.91%	0.378%

Sum of corrected areas: 30876881

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ClientSampleId :
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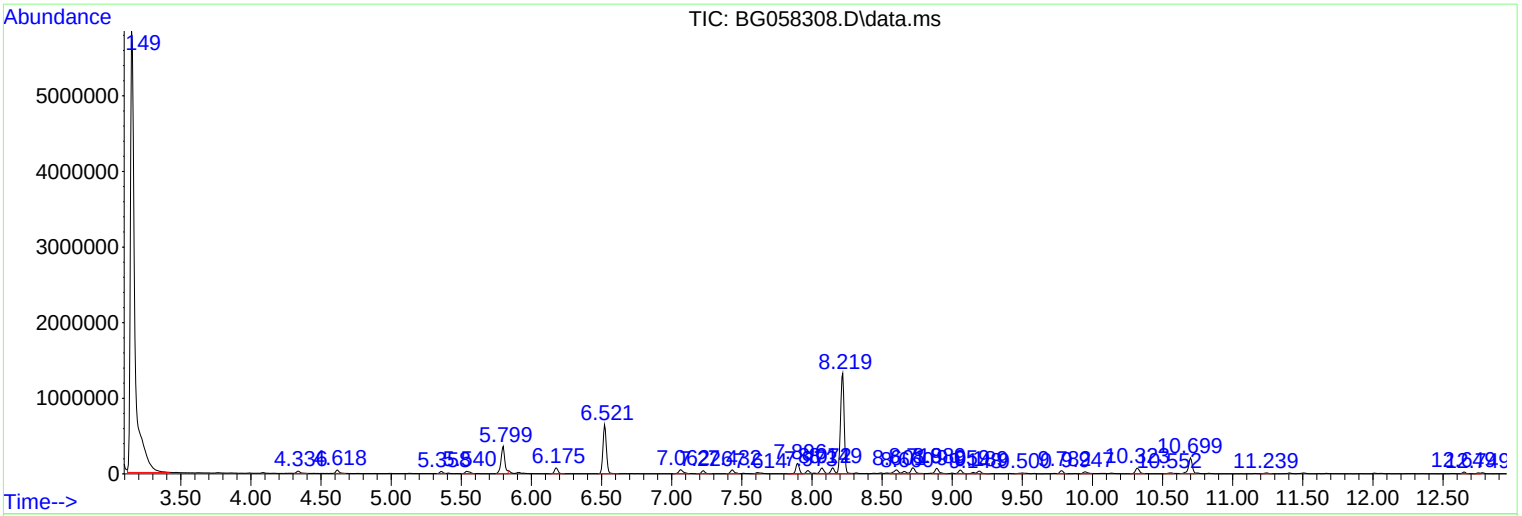
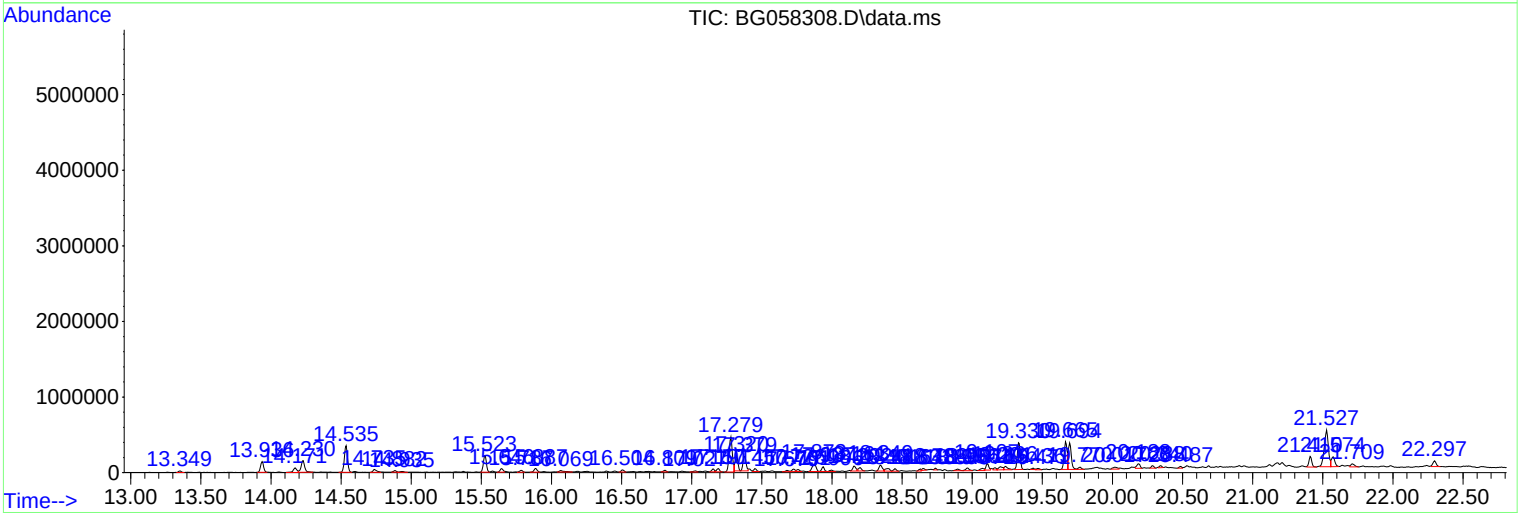
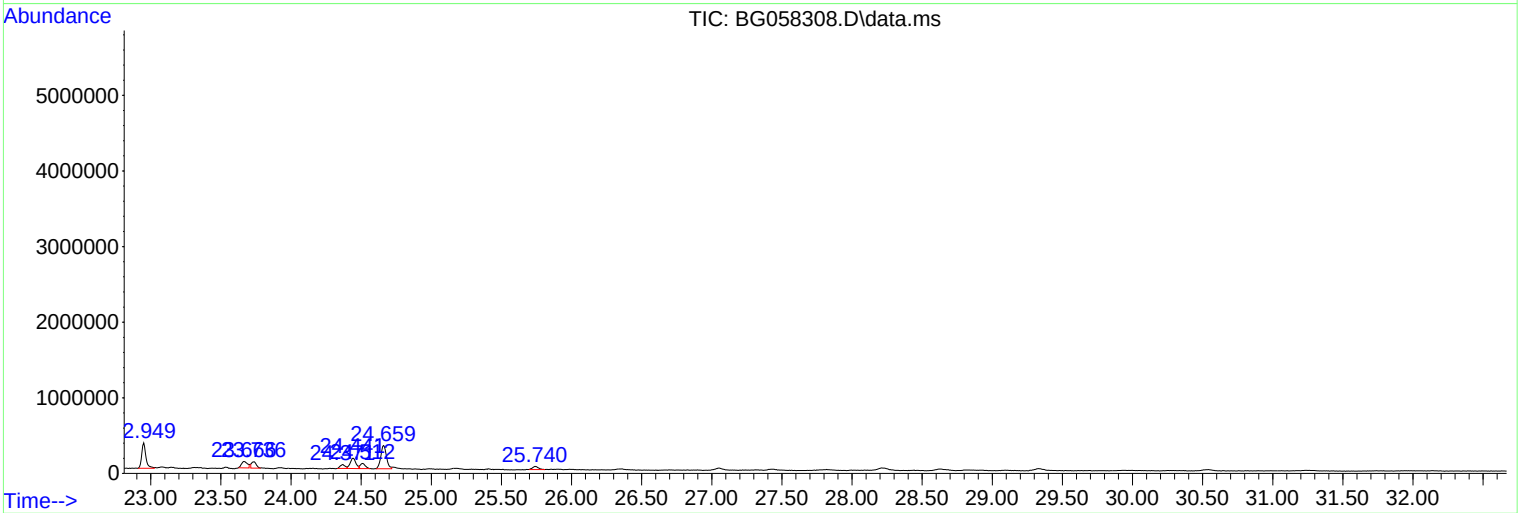
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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







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Data File : BG058308.D
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Instrument :
BNA_G
ClientSampleId :
A46R8

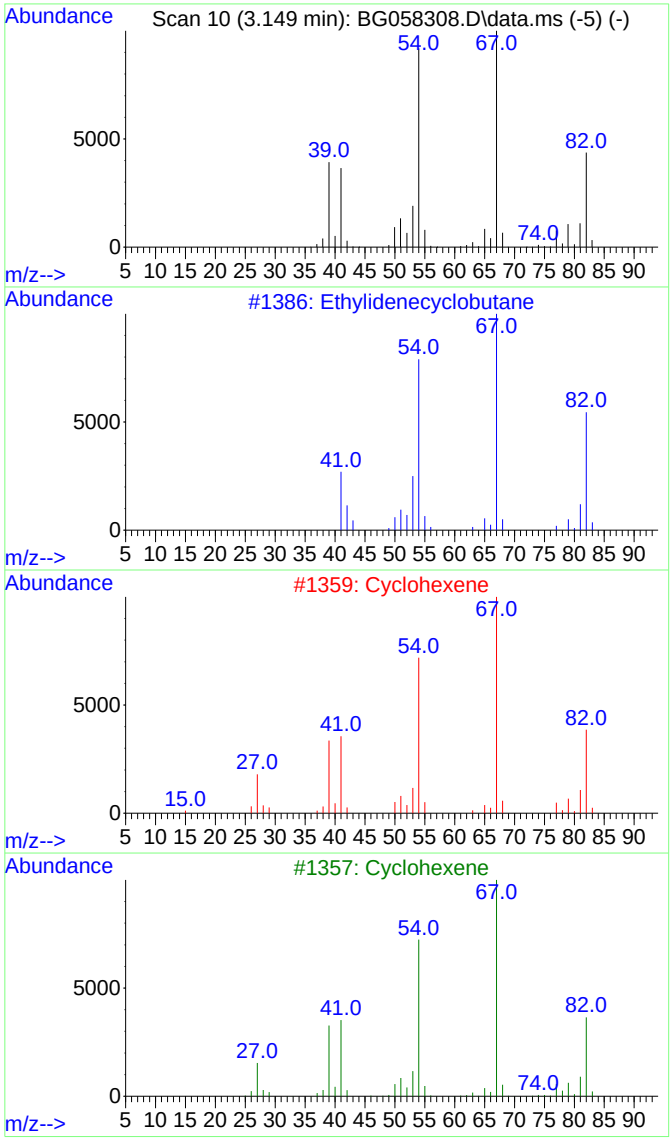
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

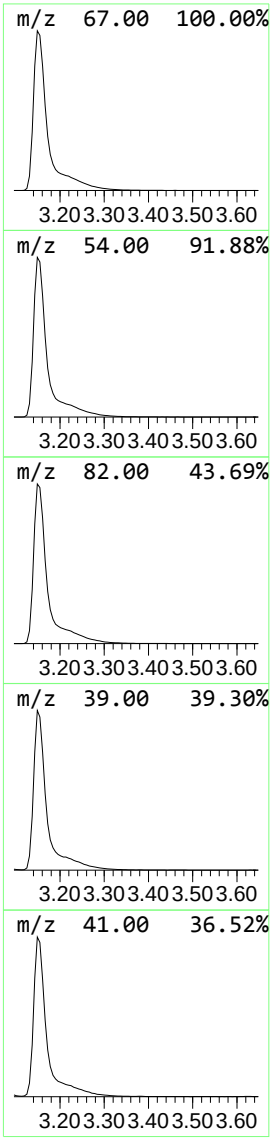
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethylidenecyclobutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	1070.93 ng/ul	12756000	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
2	Cyclohexene	82	C6H10	000110-83-8	87
3	Cyclohexene	82	C6H10	000110-83-8	87
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
5	Cyclohexene	82	C6H10	000110-83-8	83





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Instrument :
BNA_G
ClientSampleId :
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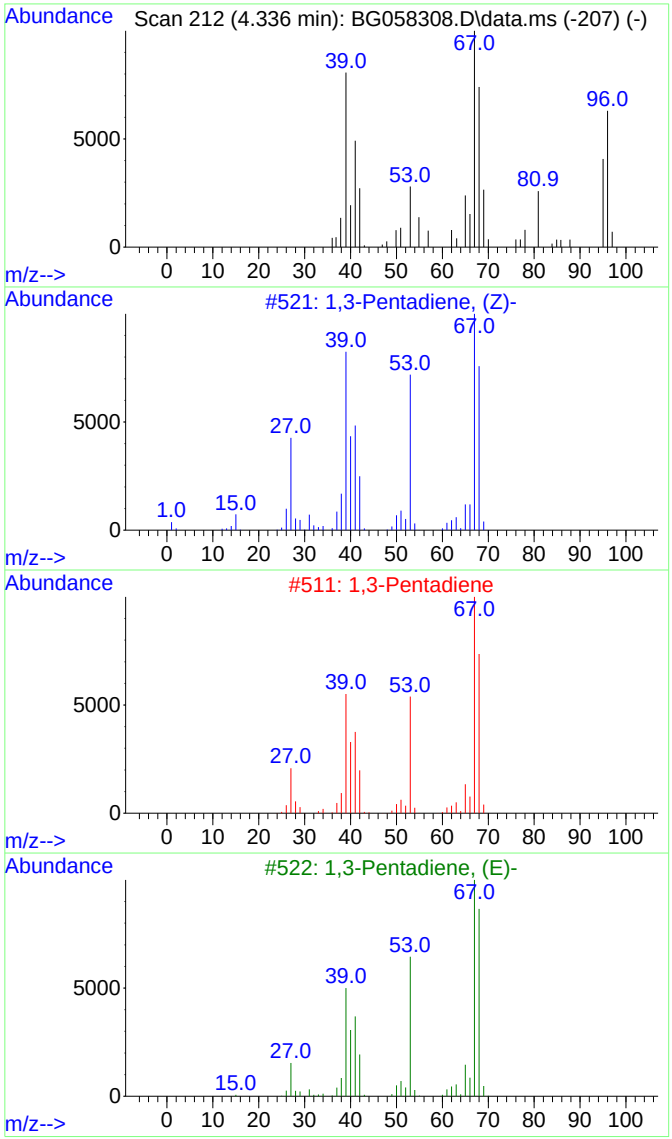
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

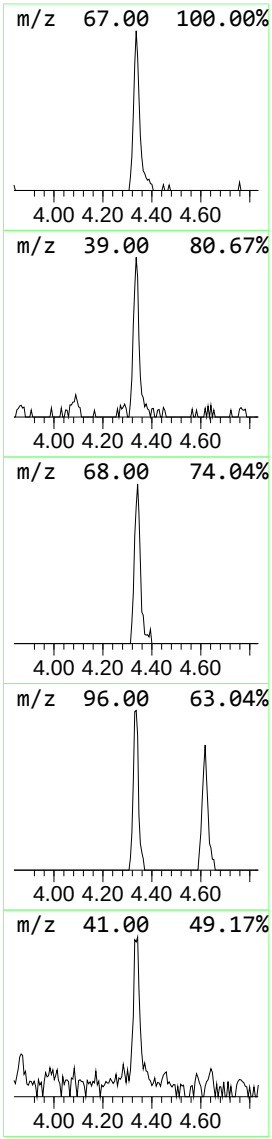
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Pentadiene, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.336	4.68 ng/ul	55780	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	72
2	1,3-Pentadiene	68	C5H8	000504-60-9	64
3	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	64
4	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	53
5	1,4-Pentadiene	68	C5H8	000591-93-5	53





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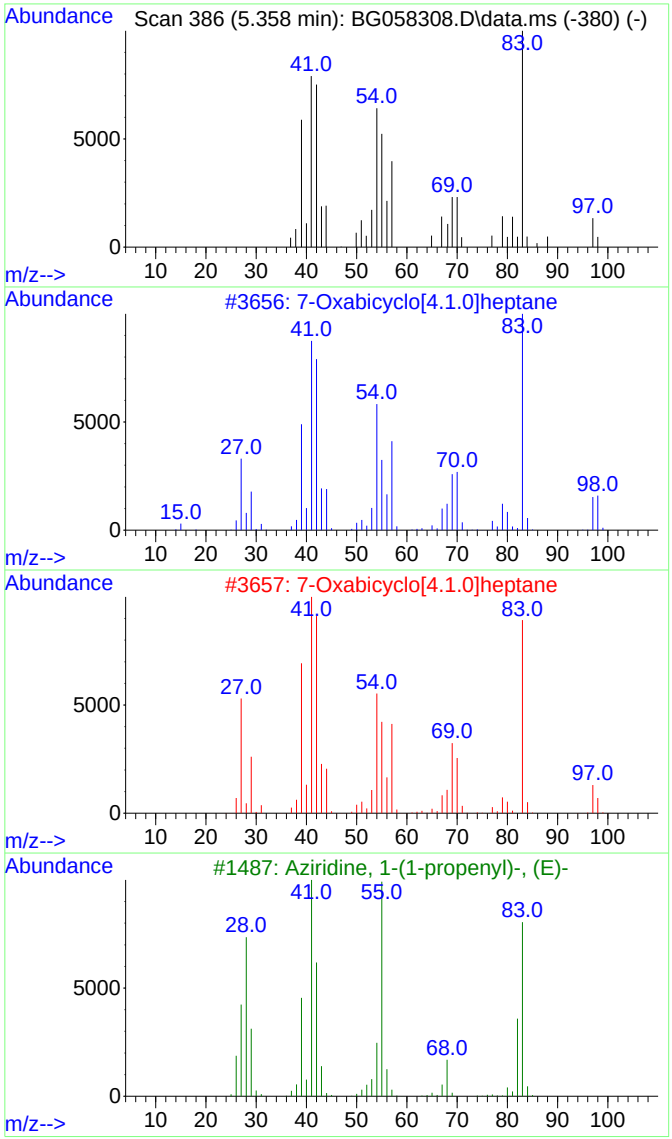
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

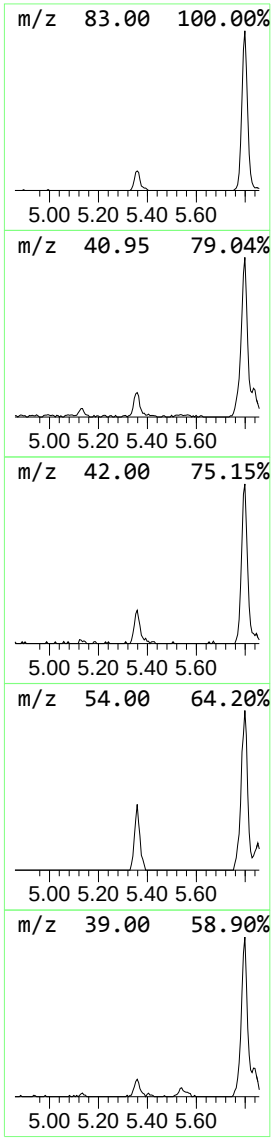
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Oxabicyclo[4.1.0]heptane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.358	3.94 ng/ul	46941	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	86
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	76
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	45
4	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	43
5	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	42





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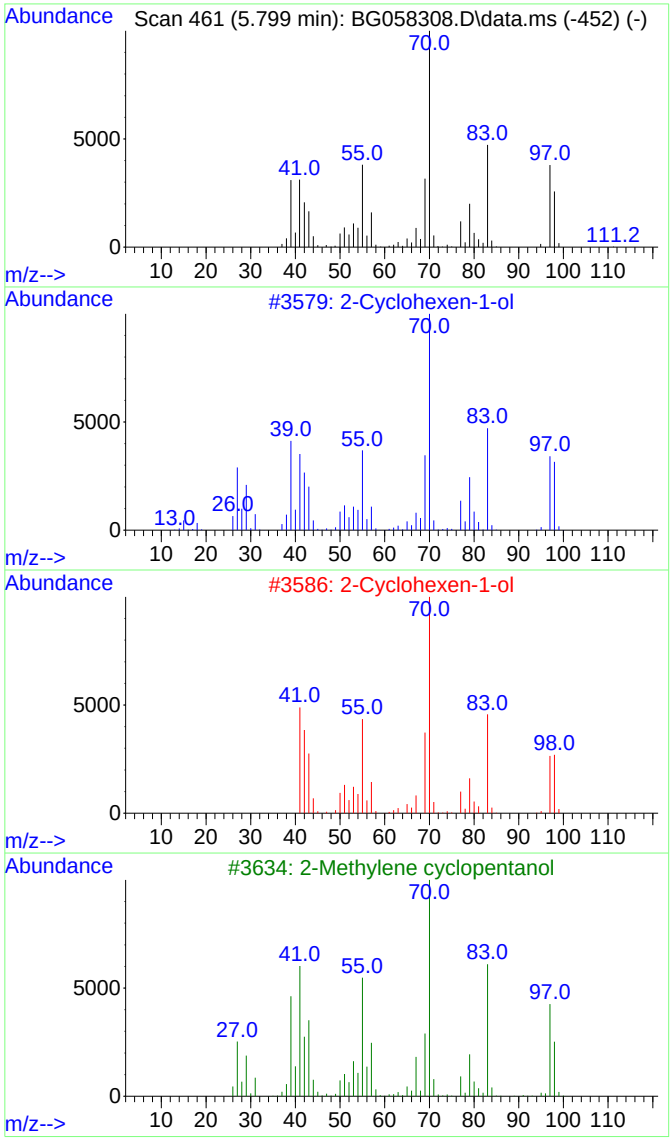
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

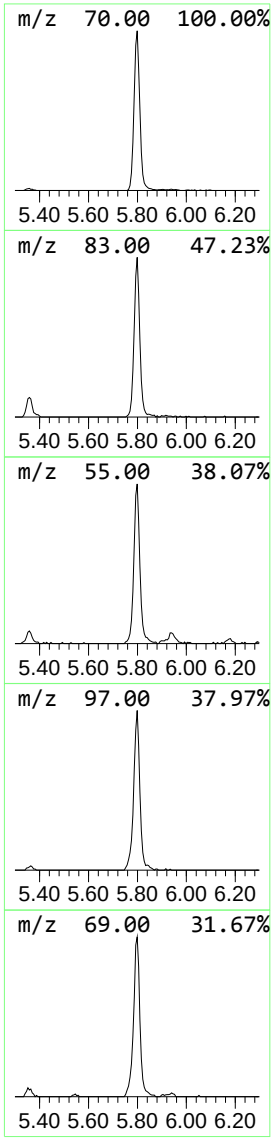
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Cyclohexen-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	56.21 ng/ul	669466	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	93
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	80
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	64
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	47
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	46





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Operator : CG/JU
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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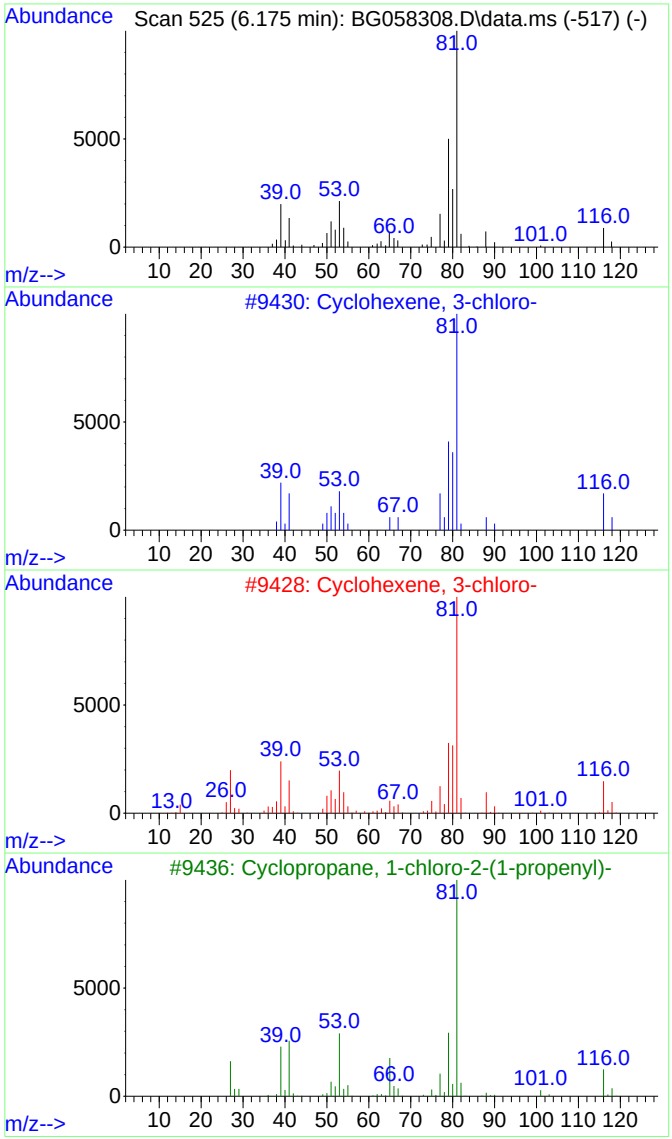
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

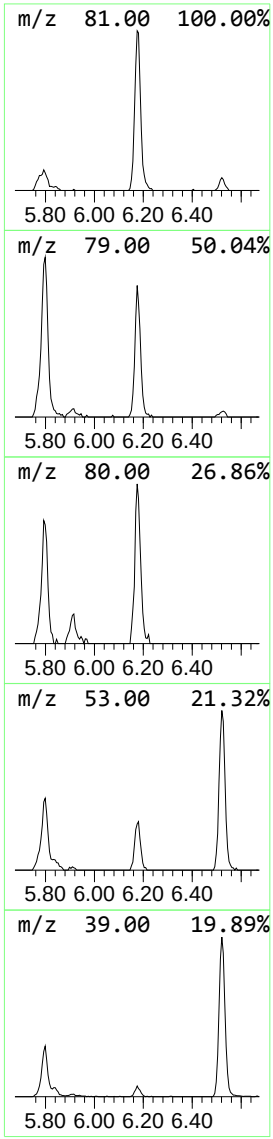
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexene, 3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.175	11.31 ng/ul	134757	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	83
2	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	64
3	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	64
4	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	59
5	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	59





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Data File : BG058308.D
Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

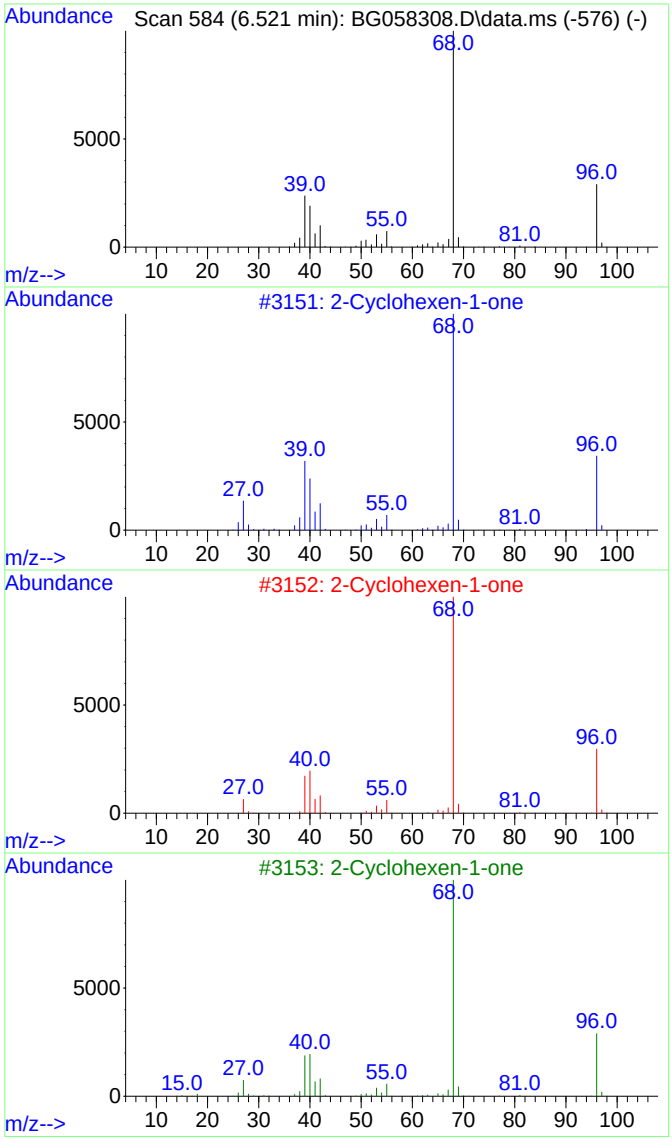
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

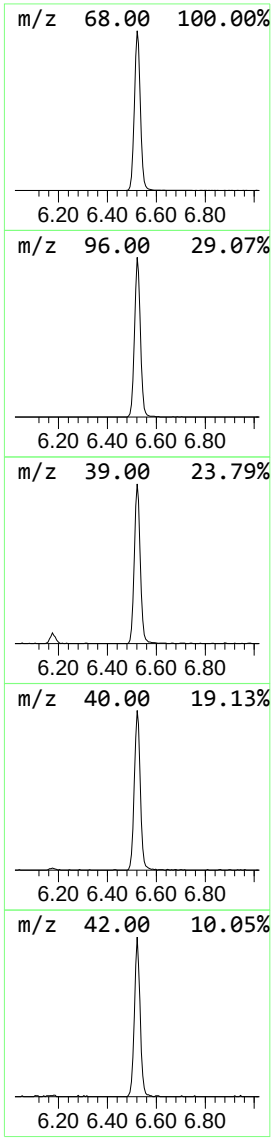
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.521	93.09 ng/ul	1108790	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
5	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	45





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Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

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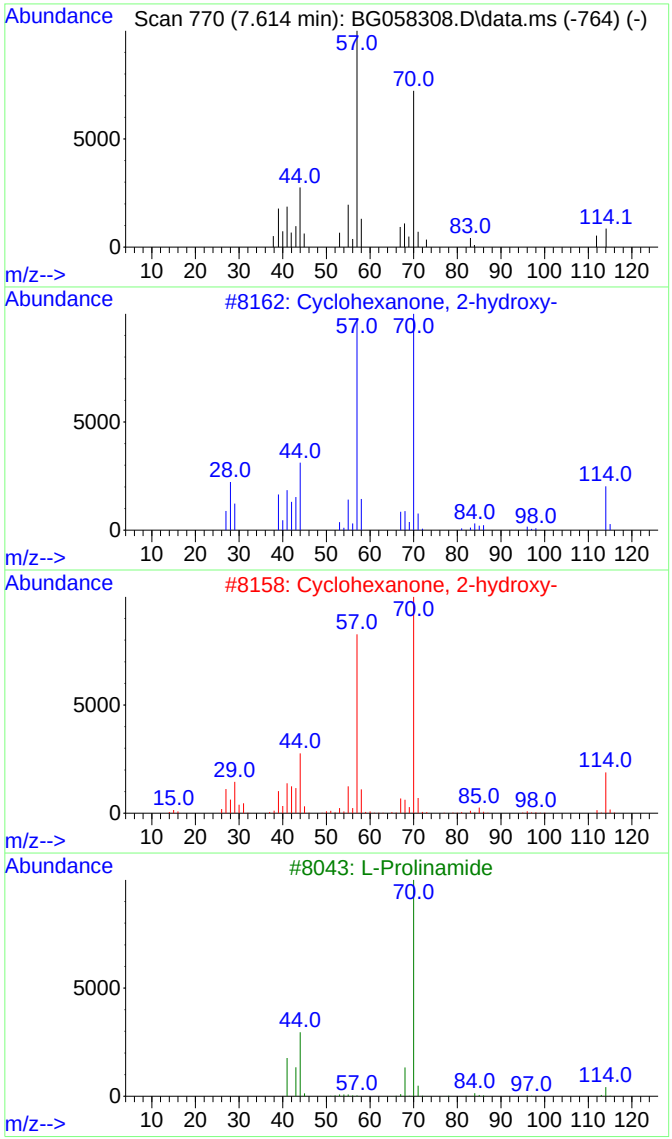
Quant Title : SVOA CALIBRATION

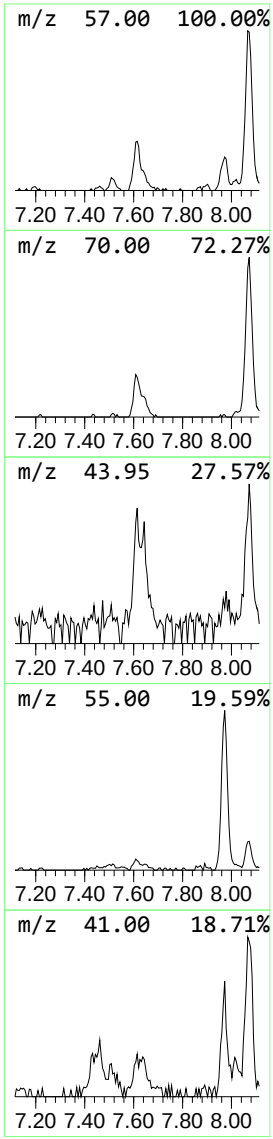
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 2-hydroxy- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.614	2.57 ng/ul	30584	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	56
2	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	50
3	L-Prolinamide	114	C5H10N2O	007531-52-4	43
4	1,4-Pentanediamine	102	C5H14N2	000591-77-5	40
5	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	32





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

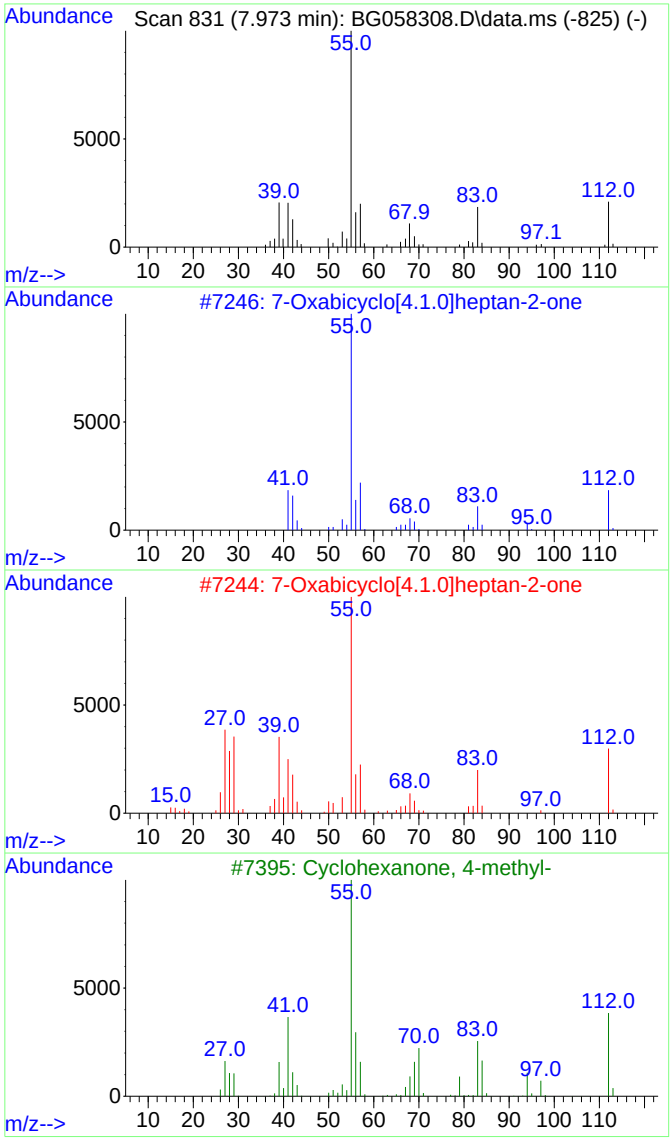
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

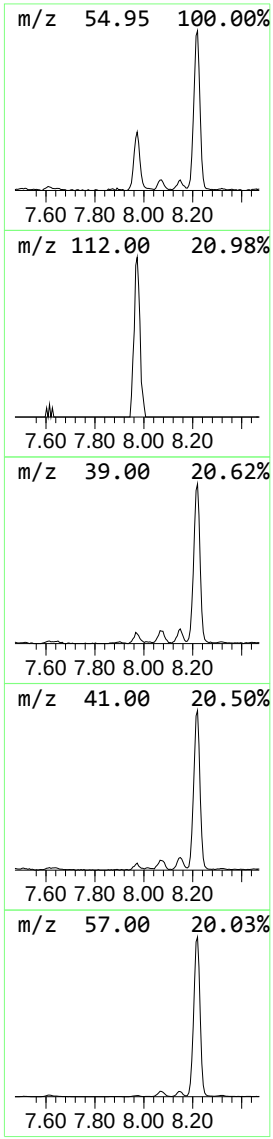
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.973	5.70 ng/ul	67845	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	81
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	72
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	64
4	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	58
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	53





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Data File : BG058308.D
Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

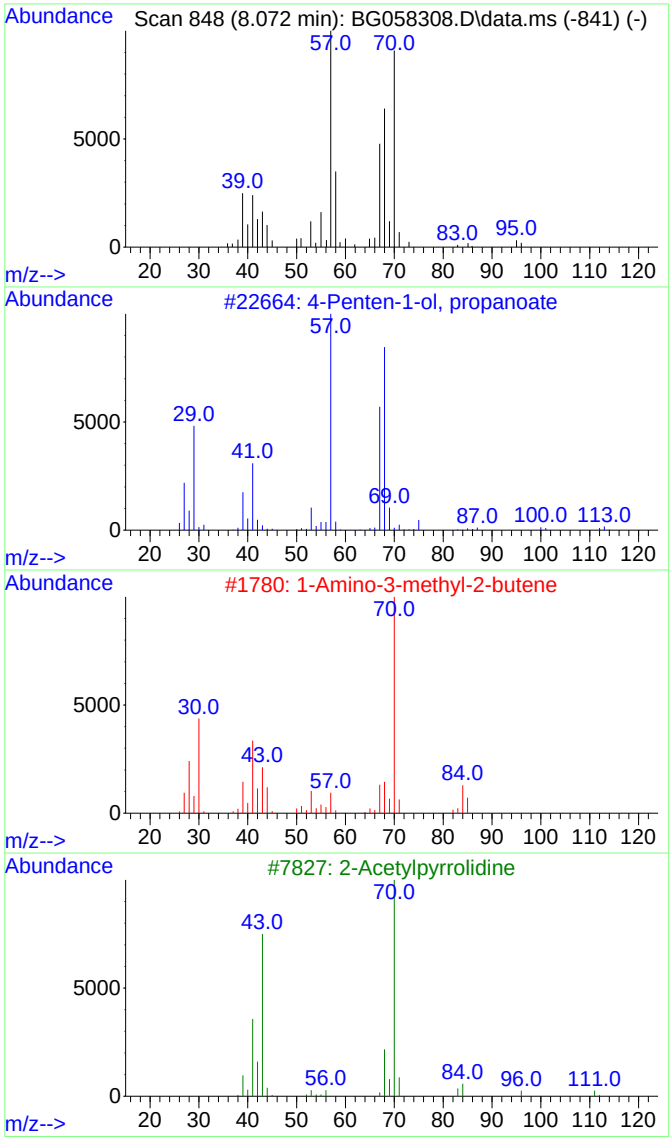
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

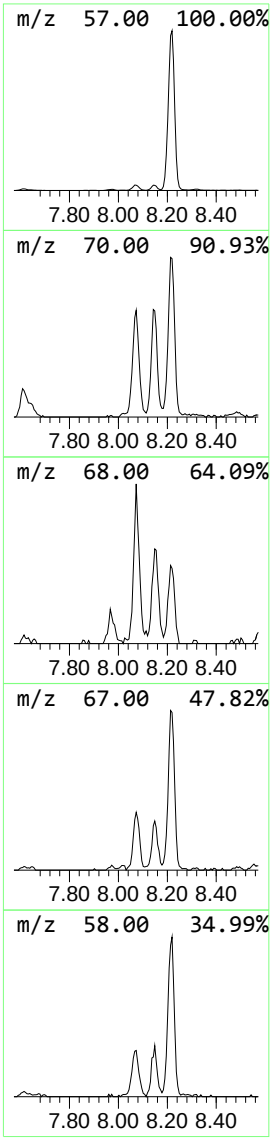
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.072	12.08 ng/ul	143899	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-1-ol, propanoate	142	C8H14O2	030563-30-5	32
2	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	25
3	2-Acetylpyrrolidine	113	C6H11NO	060026-20-2	12
4	Butanoic acid, 4-pentenyl ester	156	C9H16O2	030563-31-6	12
5	Ethyl pent-4-enyl carbonate	158	C8H14O3	1000373-78-4	12





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

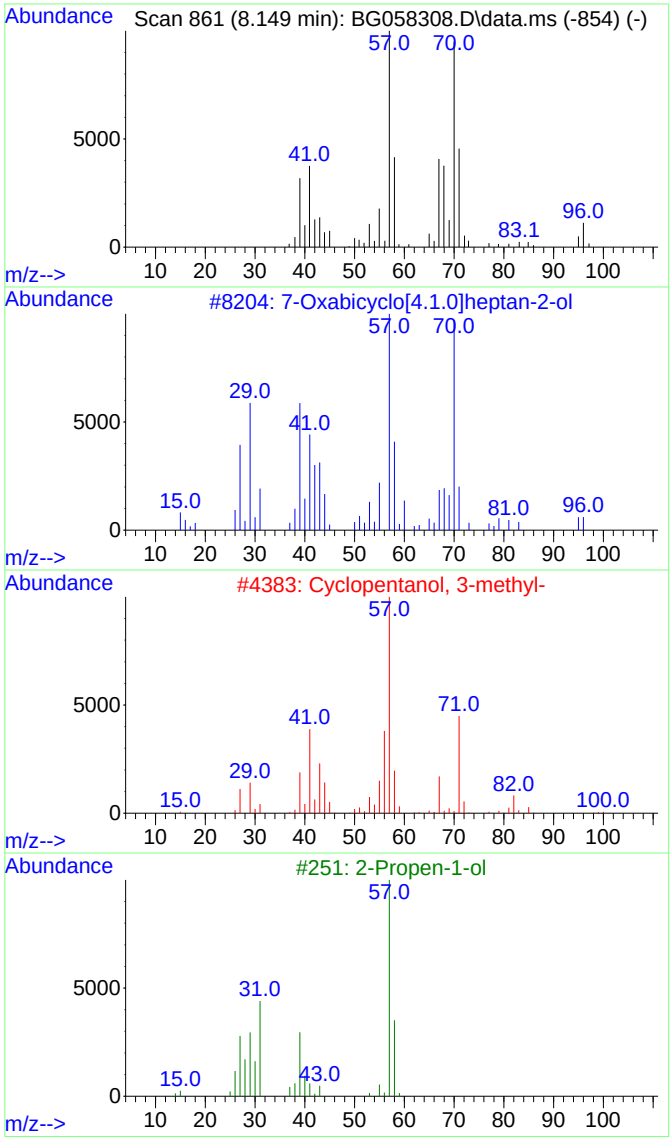
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

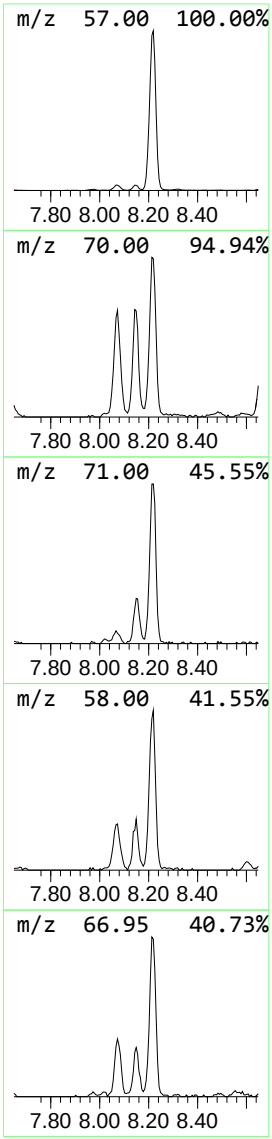
****

Peak Number 12 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.149	11.42 ng/ul	136031	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	42
2	Cyclopentanol, 3-methyl-	100	C6H12O	018729-48-1	10
3	2-Propen-1-ol	58	C3H6O	000107-18-6	10
4	2-Butenal, (Z)-	70	C4H6O	015798-64-8	9
5	Cycloheptanol	114	C7H14O	000502-41-0	9





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Acq On : 18 Jul 2023 19:50
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Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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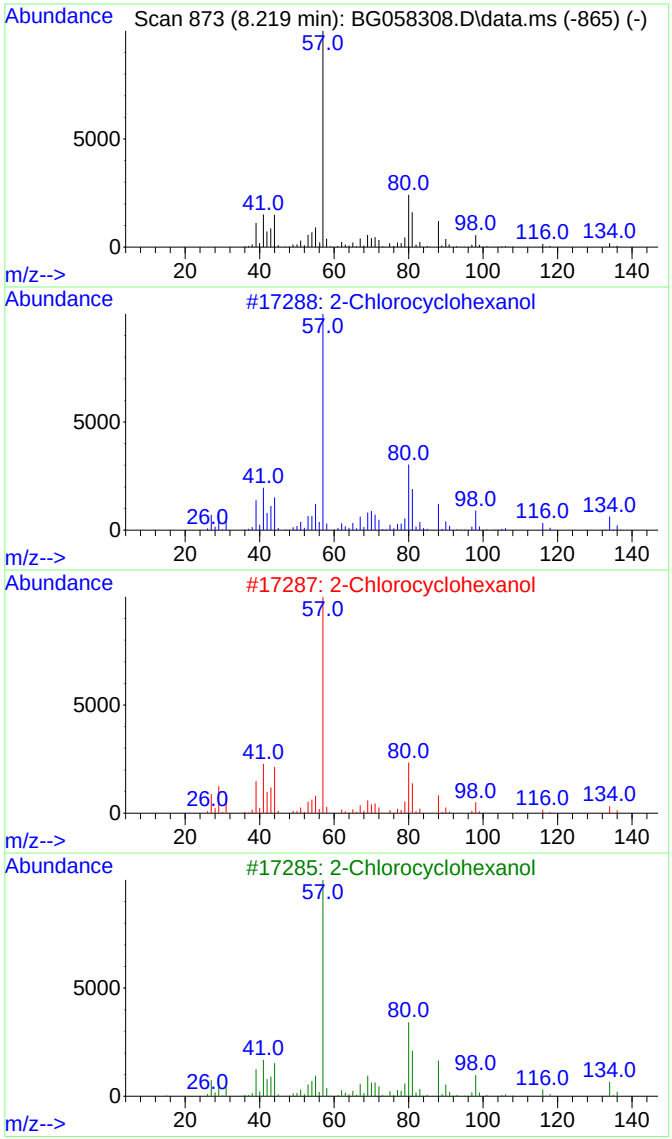
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

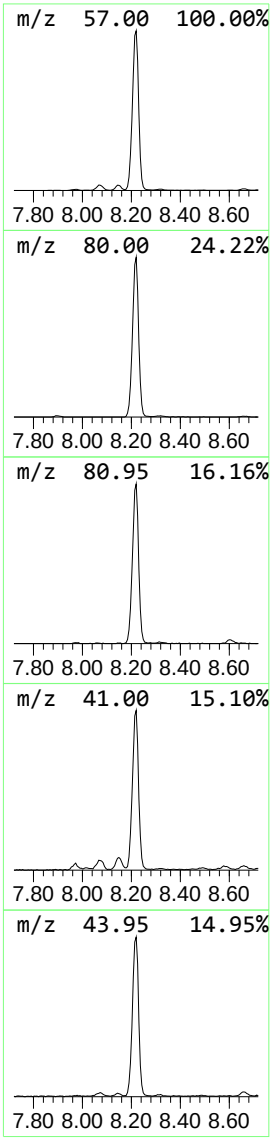
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Chlorocyclohexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.219	198.55 ng/ul	2365000	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	74
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	59





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Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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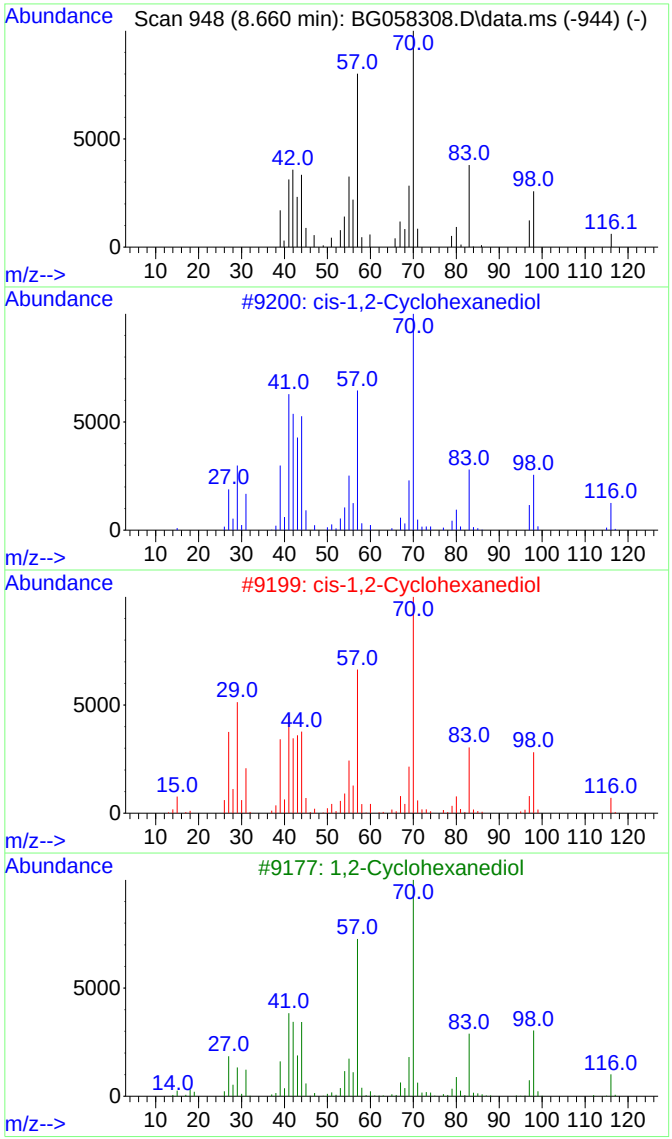
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

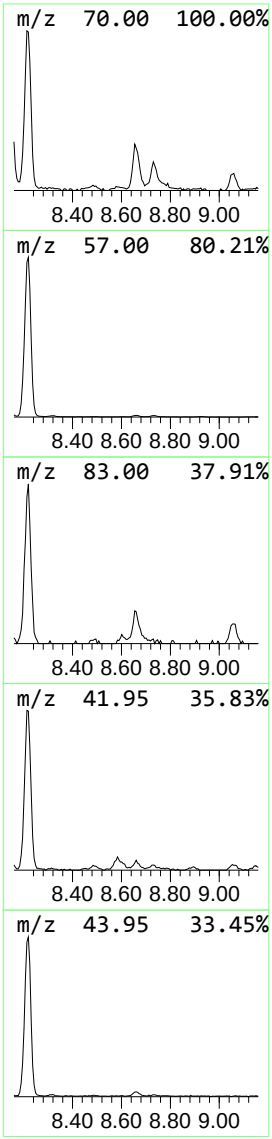
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 cis-1,2-Cyclohexanediol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.660	4.80 ng/ul	57182	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	91
2	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	91
3	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	91
4	1,2-Cyclohexanediol, trans-	116	C6H12O2	001460-57-7	87
5	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	86





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Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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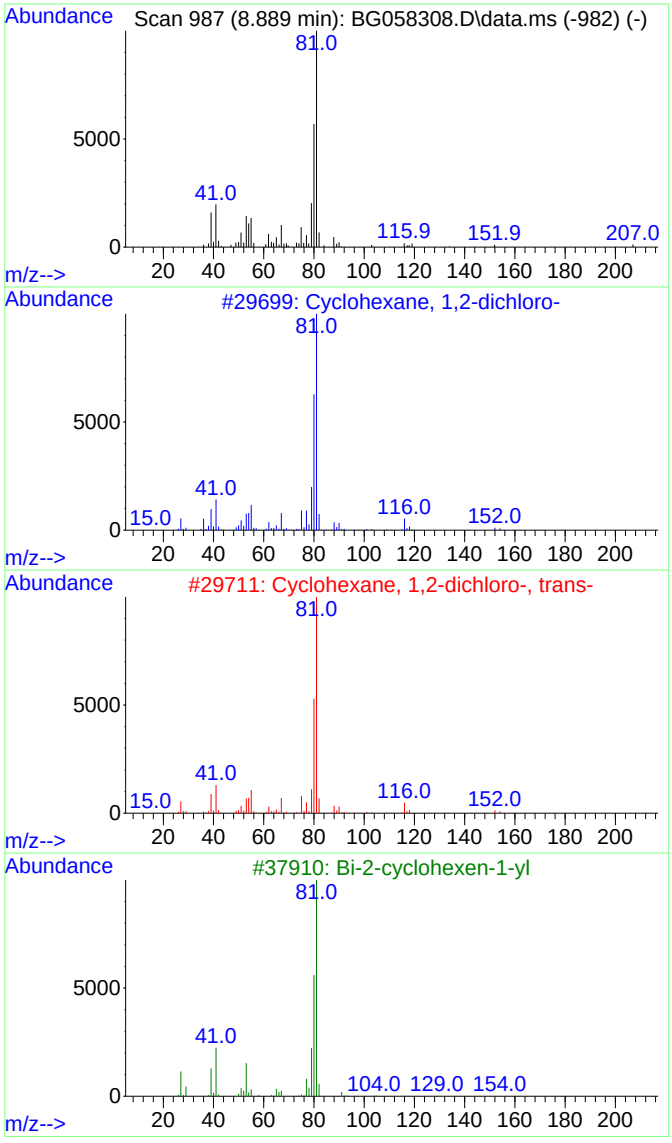
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

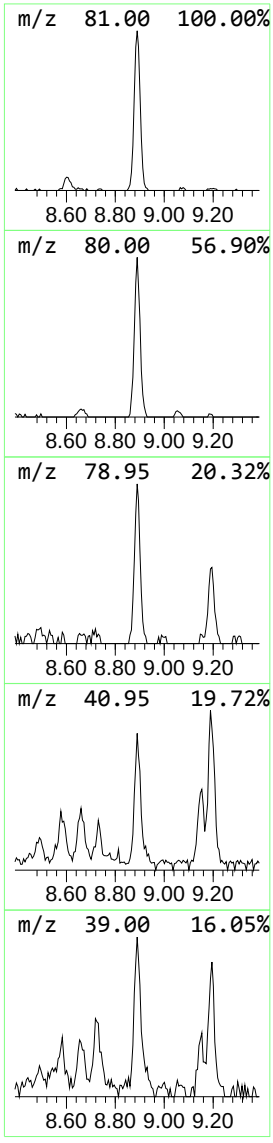
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 1,2-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.889	12.18 ng/ul	145079	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	83
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	81
3	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	64
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	64
5	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	64





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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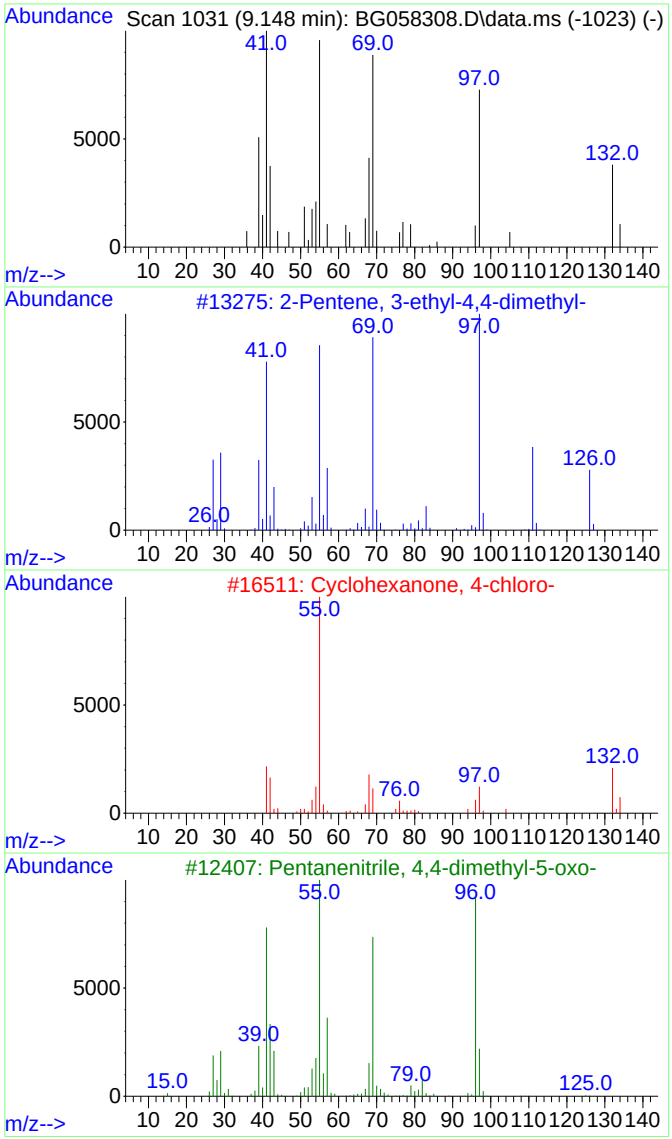
Quant Title : SVOA CALIBRATION

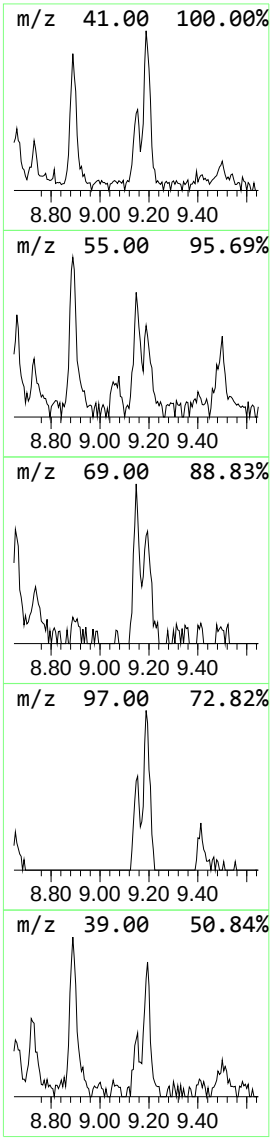
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.148	2.52 ng/ul	29999	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
2	Cyclohexanone, 4-chloro-	132	C6H9ClO	021299-26-3	35
3	Pentanenitrile, 4,4-dimethyl-5-oxo-	125	C7H11NO	006140-61-0	32
4	Aziridine, 1-(1-butenyl)-, (E)-	97	C6H11N	080839-92-5	27
5	Cyclohexanone, 2-chloro-	132	C6H9ClO	000822-87-7	22





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

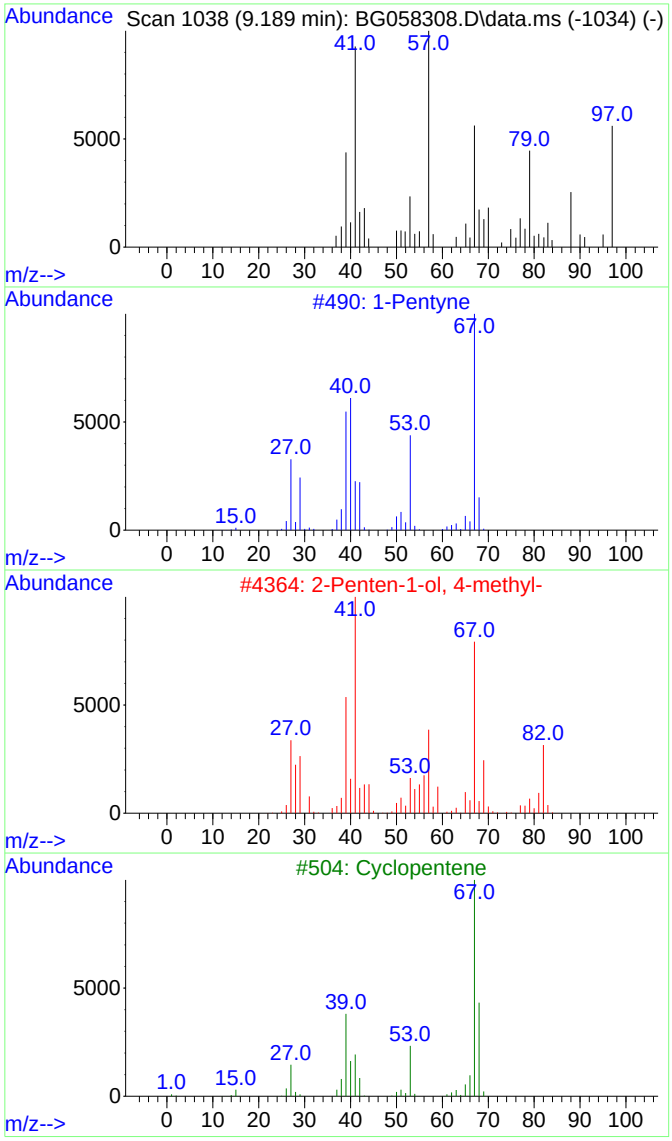
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

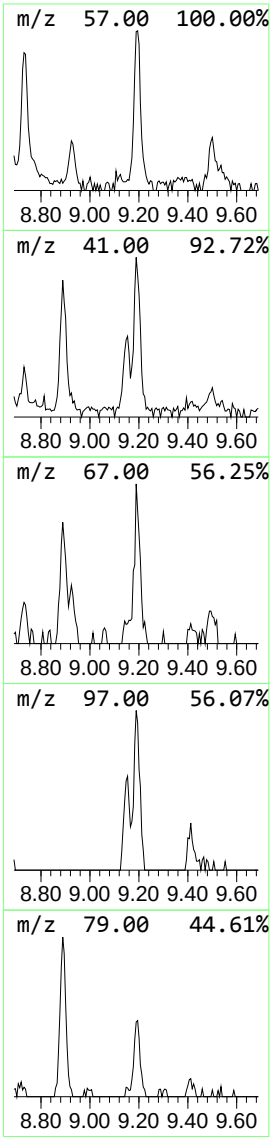
****

Peak Number 17 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.189	5.95 ng/ul	70824	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentyne	68	C5H8	000627-19-0	38
2	2-Penten-1-ol, 4-methyl-	100	C6H12O	005362-55-0	27
3	Cyclopentene	68	C5H8	000142-29-0	27
4	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	27
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	22





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ClientSampleId :
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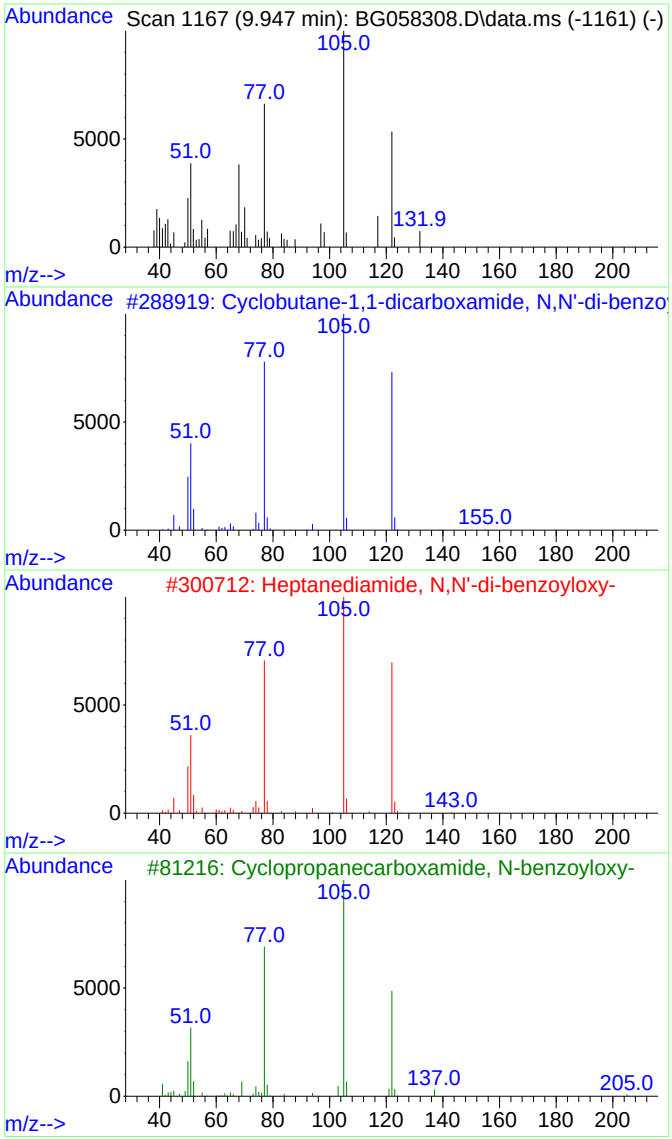
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

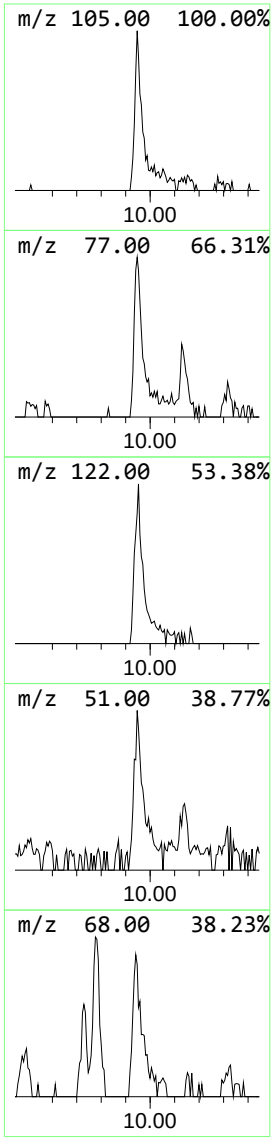
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclobutane-1,1-dicarboxami... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.947	3.13 ng/ul	62222	Naphthalene-d8	10.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	58
2	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	58
3	Cyclopropanecarboxamide, N-benzo...	205	C11H11NO3	1000253-25-4	50
4	Octanediamide, N,N'-di-benzoyloxy-	412	C22H24N2O6	1000253-26-1	50
5	Nonanediamide, N,N'-di-benzoyloxy-	426	C23H26N2O6	1000253-26-0	50





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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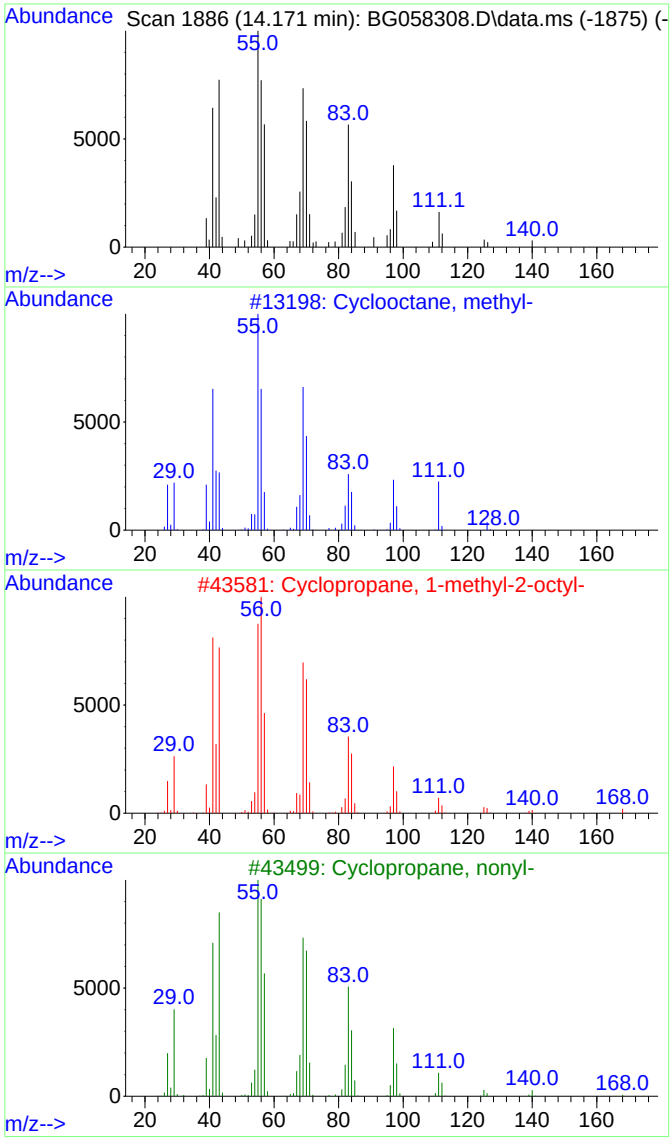
Quant Title : SVOA CALIBRATION

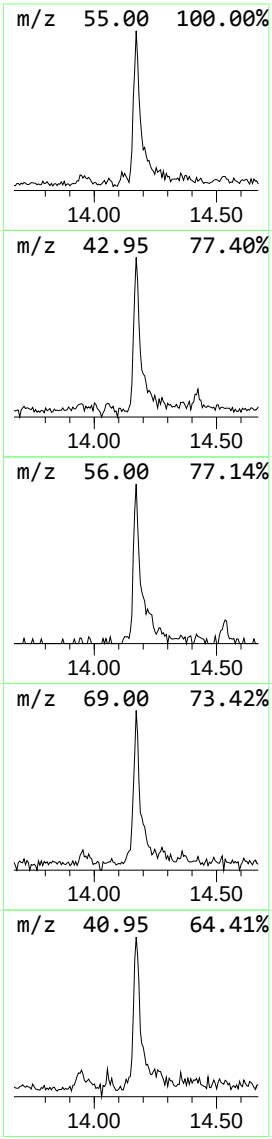
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic14.171 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.171	4.03 ng/ul	111991	Acenaphthene-d10	14.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	93
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	91
3	Cyclopropane, nonyl-	168	C12H24	074663-85-7	91
4	1-Dodecanol	186	C12H26O	000112-53-8	90
5	1-Undecanol	172	C11H24O	000112-42-5	80





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

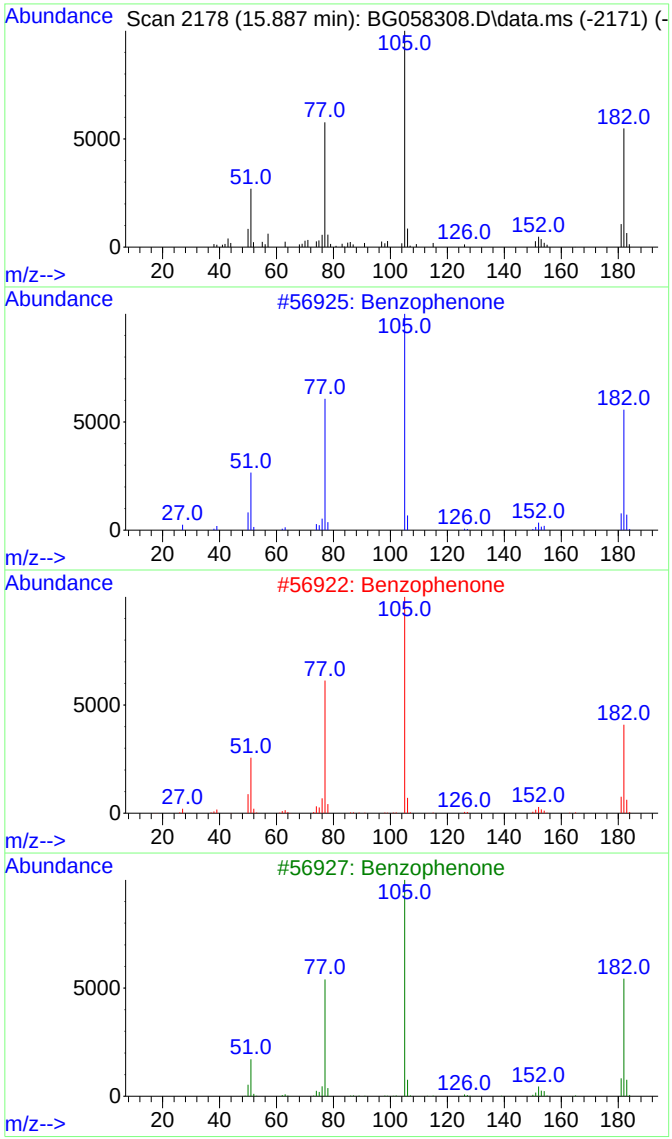
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

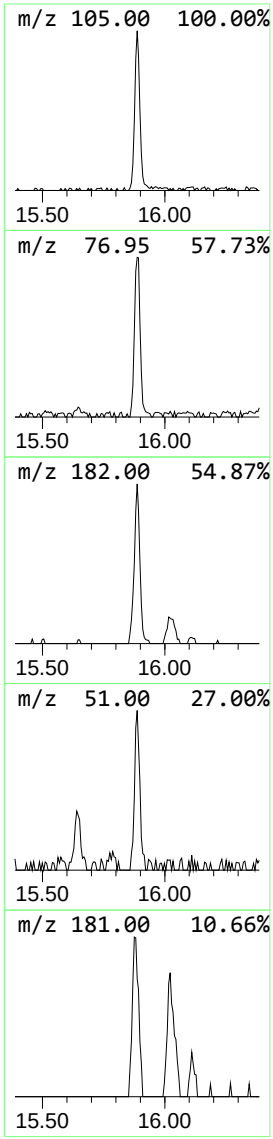
****

Peak Number 20 Benzophenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.887	2.78 ng/ul	77300	Acenaphthene-d10	14.535

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	86





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Sample : 03444-11
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

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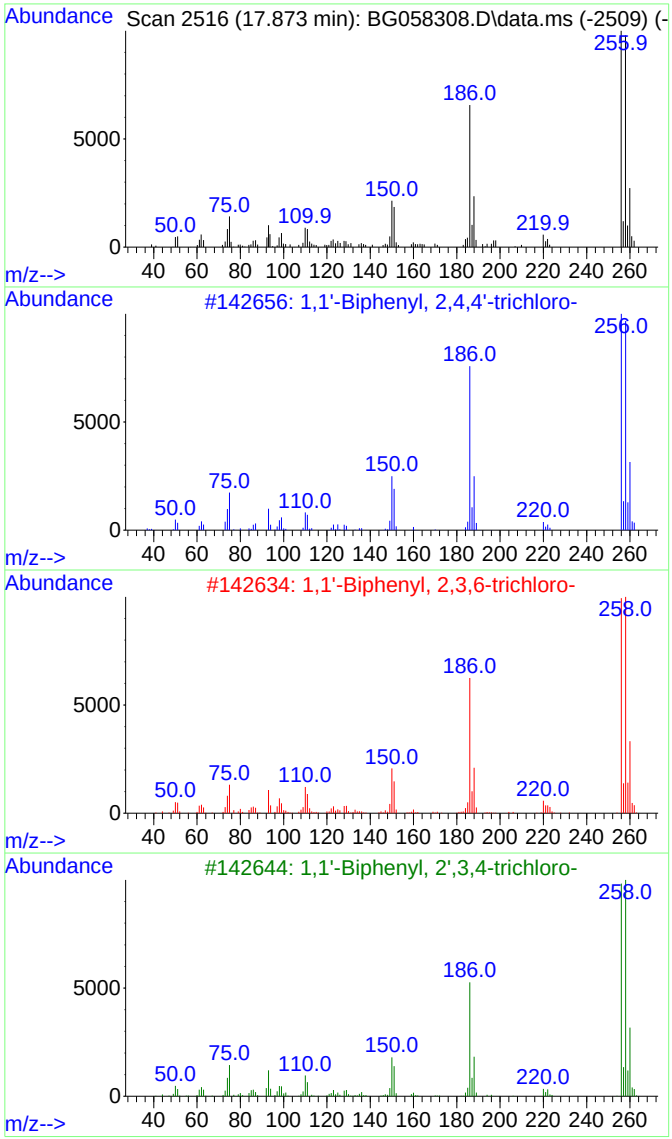
Quant Title : SVOA CALIBRATION

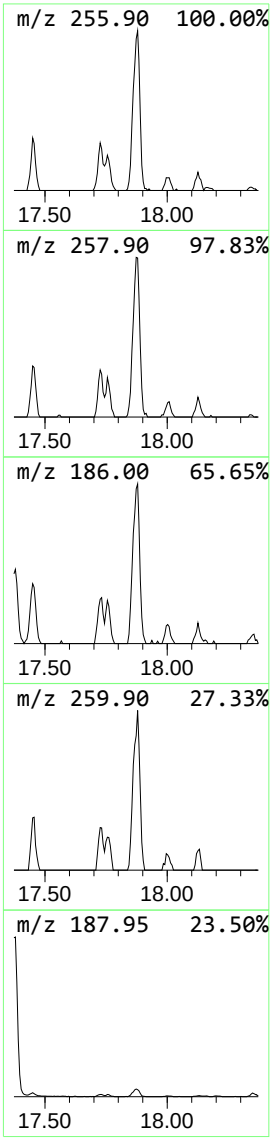
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.873	5.08 ng/ul	192650	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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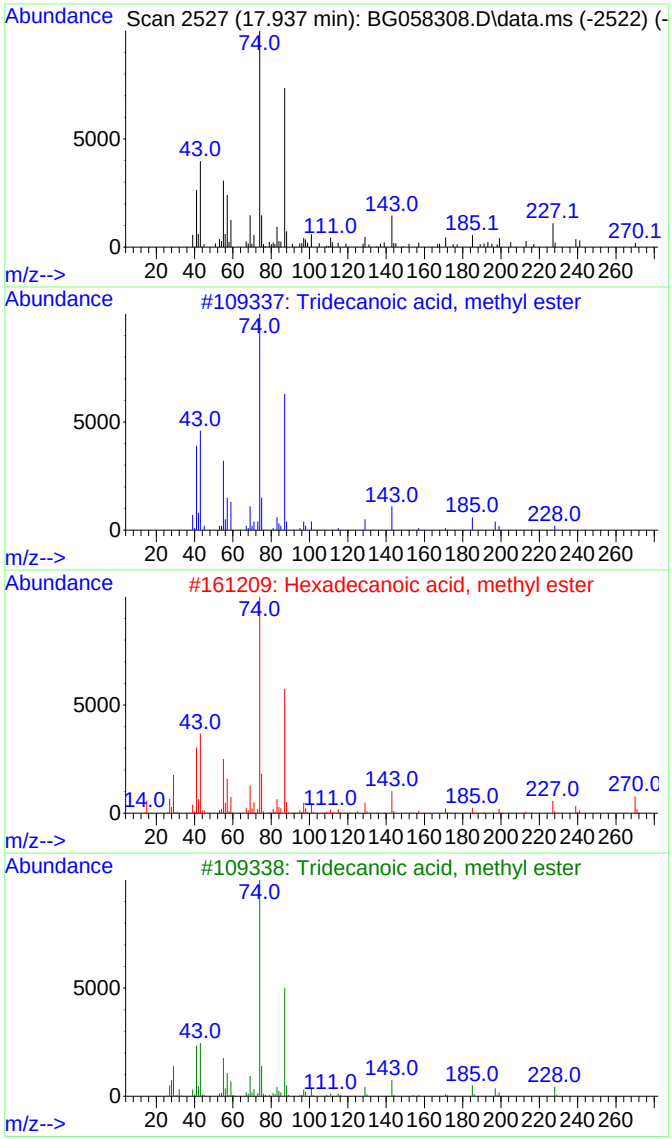
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

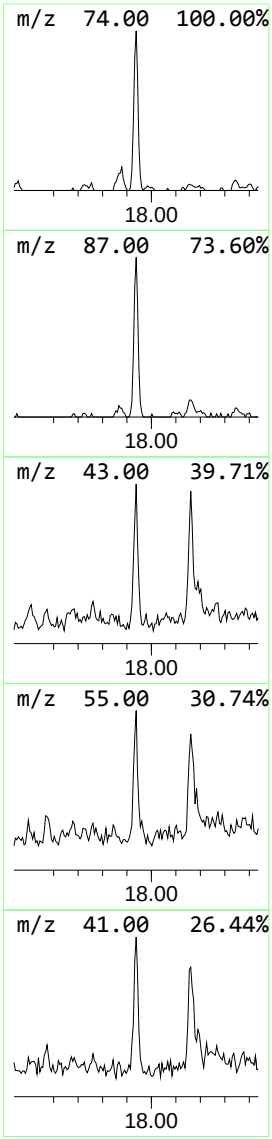
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Tridecanoic acid, methyl ester Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.937	2.10 ng/ul	79692	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	78
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	72





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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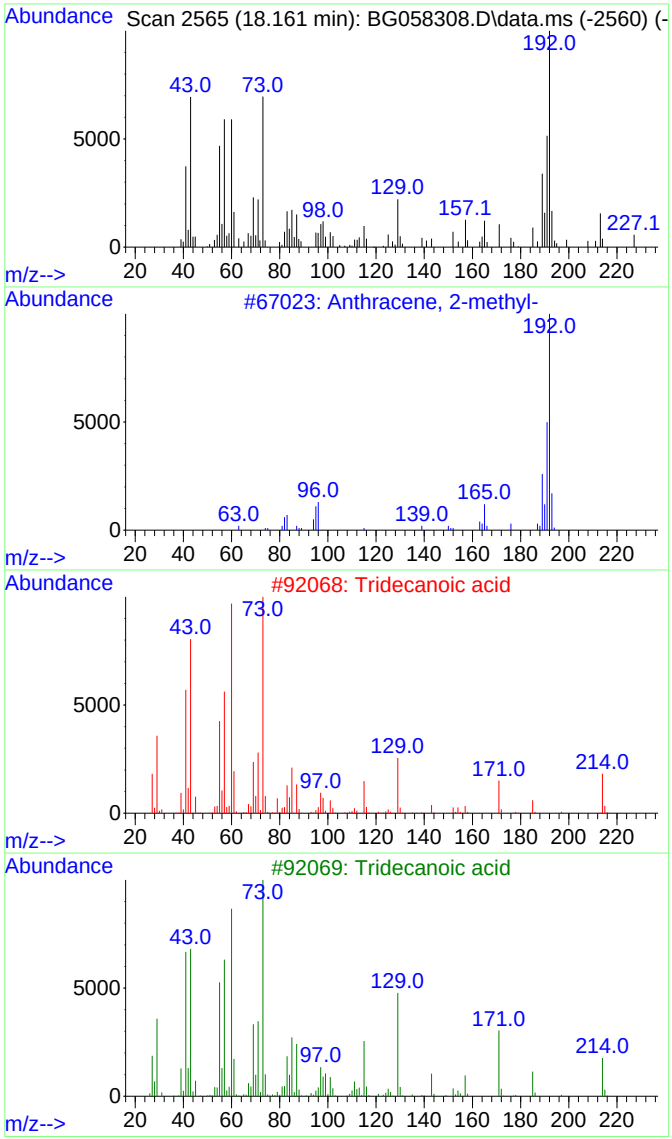
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

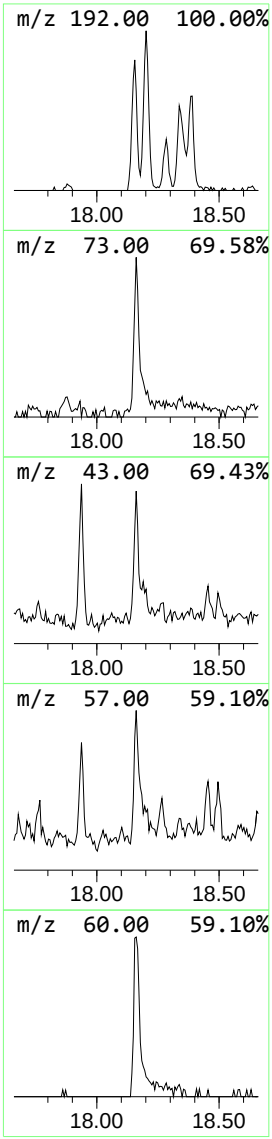
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Anthracene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.161	2.75 ng/ul	104146	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
2	Tridecanoic acid	214	C13H26O2	000638-53-9	55
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	55
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55





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Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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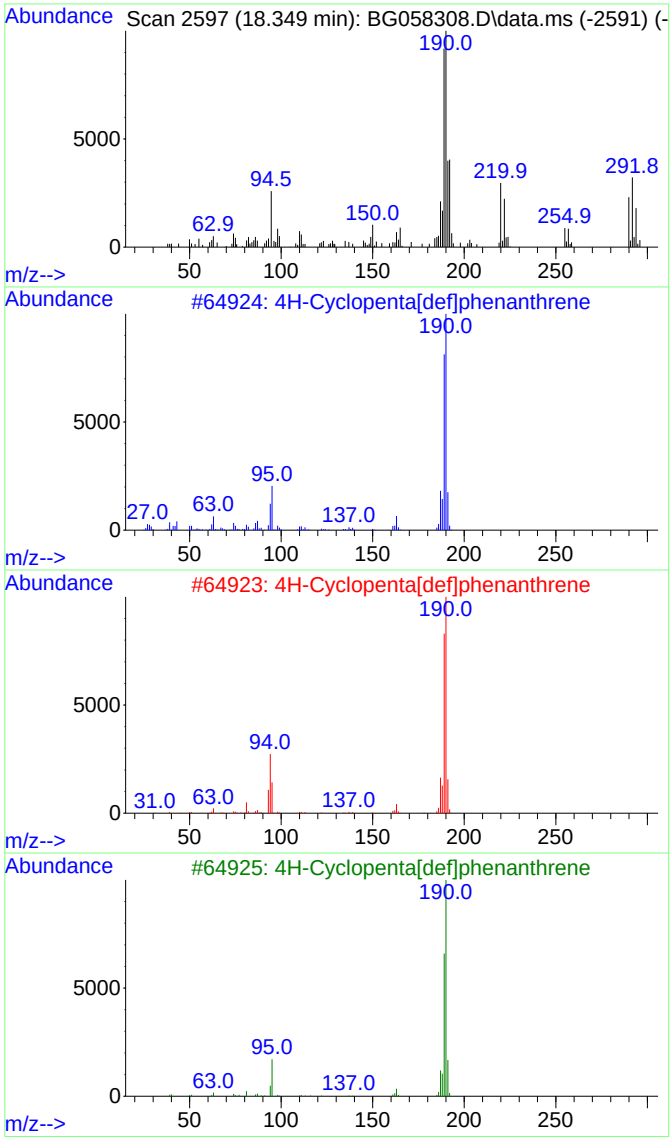
Quant Title : SVOA CALIBRATION

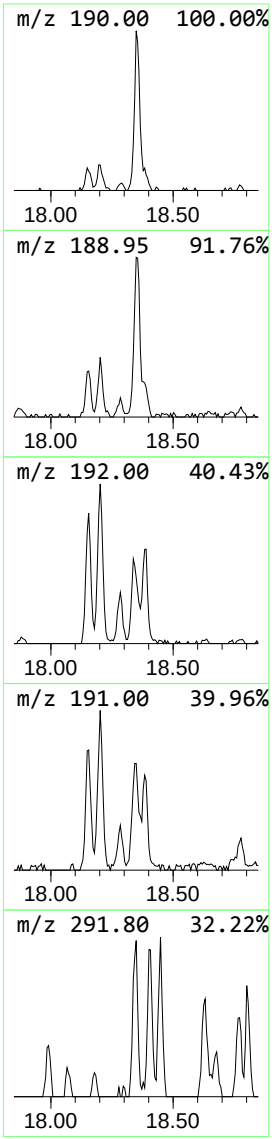
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.349	3.63 ng/ul	137470	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32





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Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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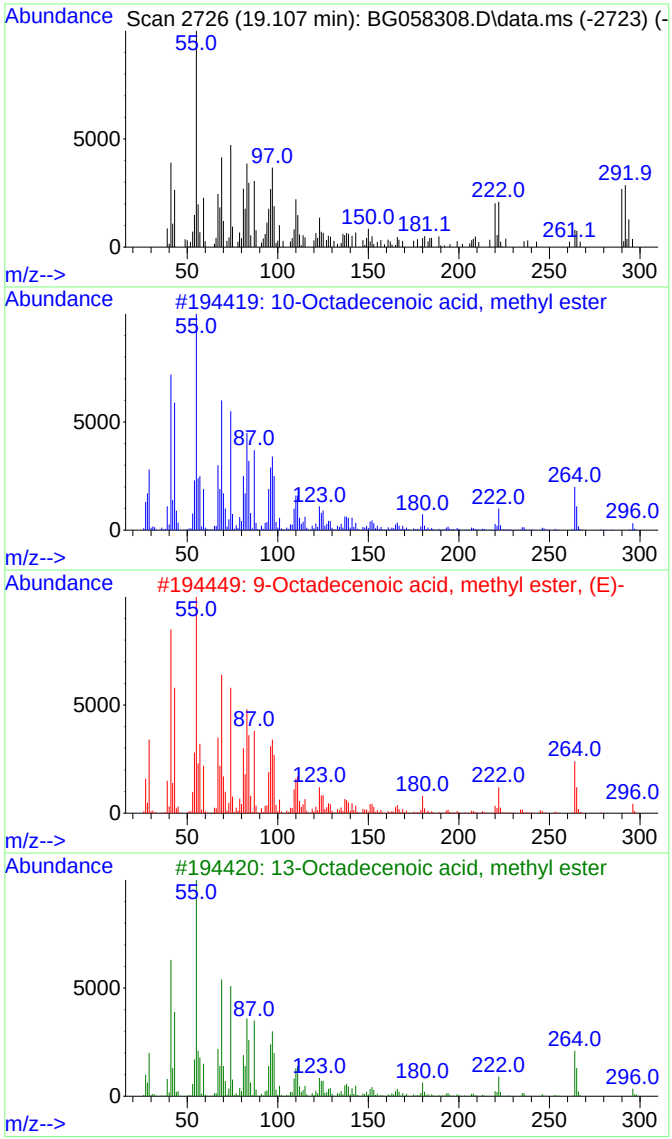
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

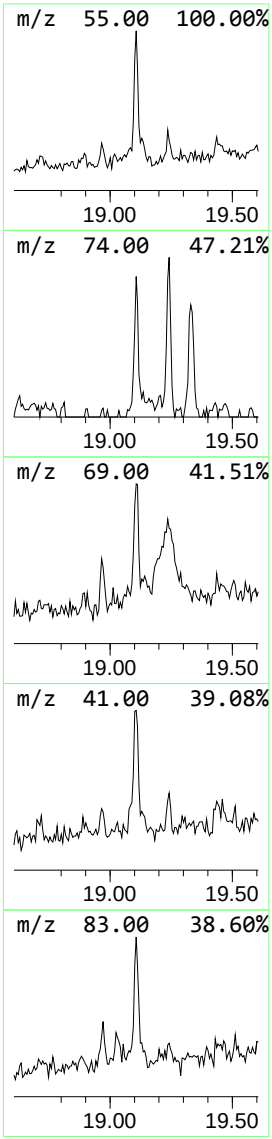
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 10-Octadecenoic acid, methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.107	3.15 ng/ul	119236	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	89
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	64
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	64





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Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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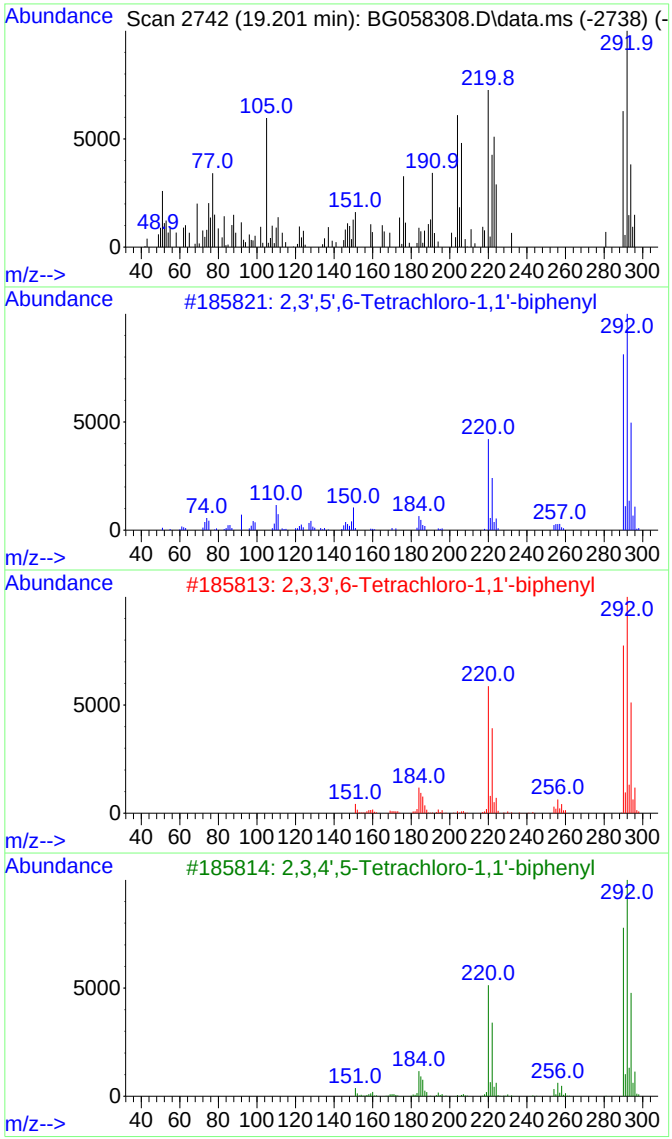
Quant Title : SVOA CALIBRATION

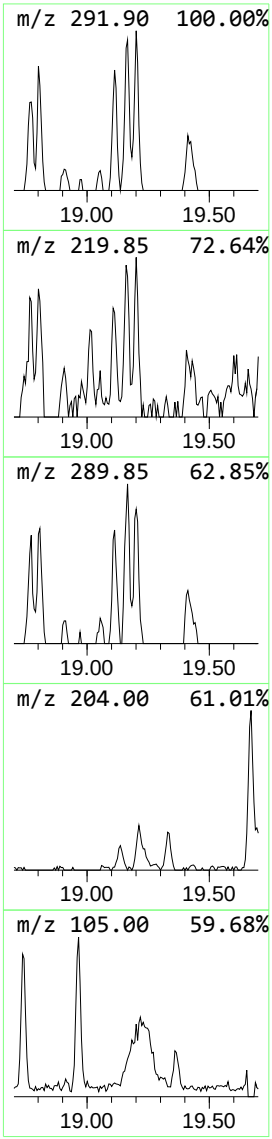
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.201	2.34 ng/ul	88864	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	84
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	83
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	83
4	3,4,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-50-4	70
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	70





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ClientSampleId :
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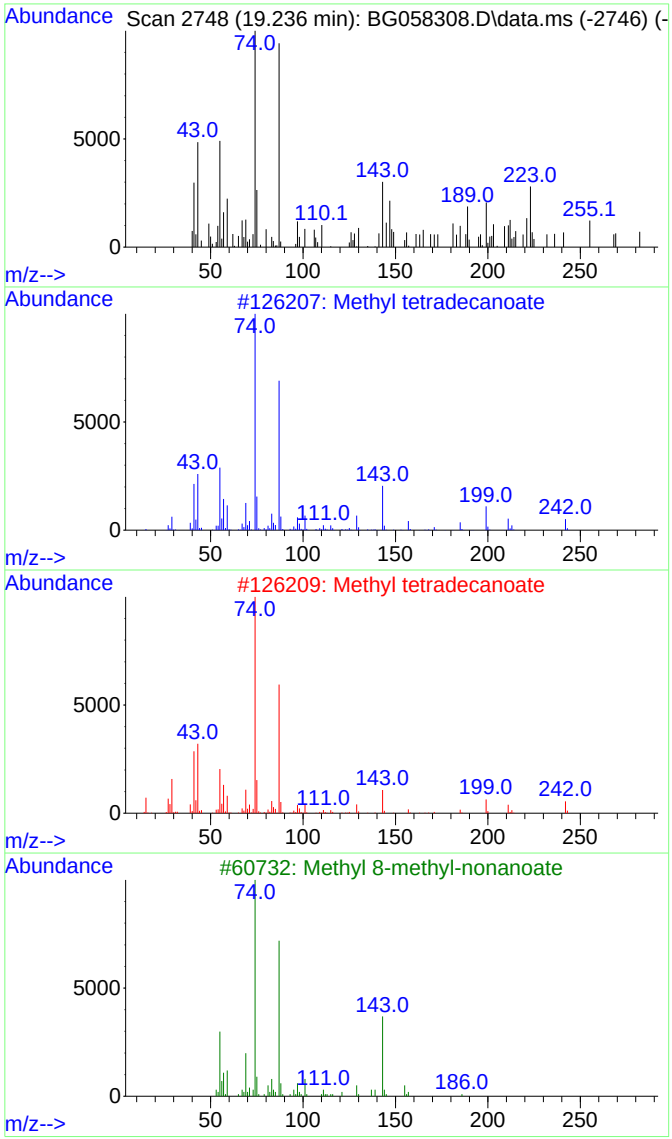
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

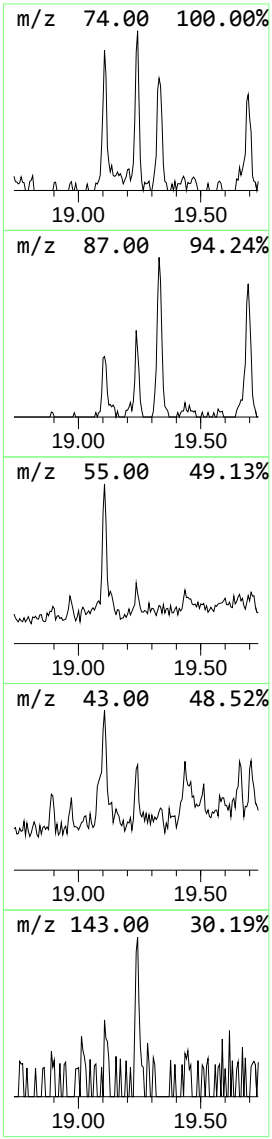
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Methyl tetradecanoate Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.236	2.05 ng/ul	77543	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	53
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	50
3	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	50
4	Undecanoic acid, 11-bromo-, meth...	278	C12H23BrO2	006287-90-7	50
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	47





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ALS Vial : 18 Sample Multiplier: 1

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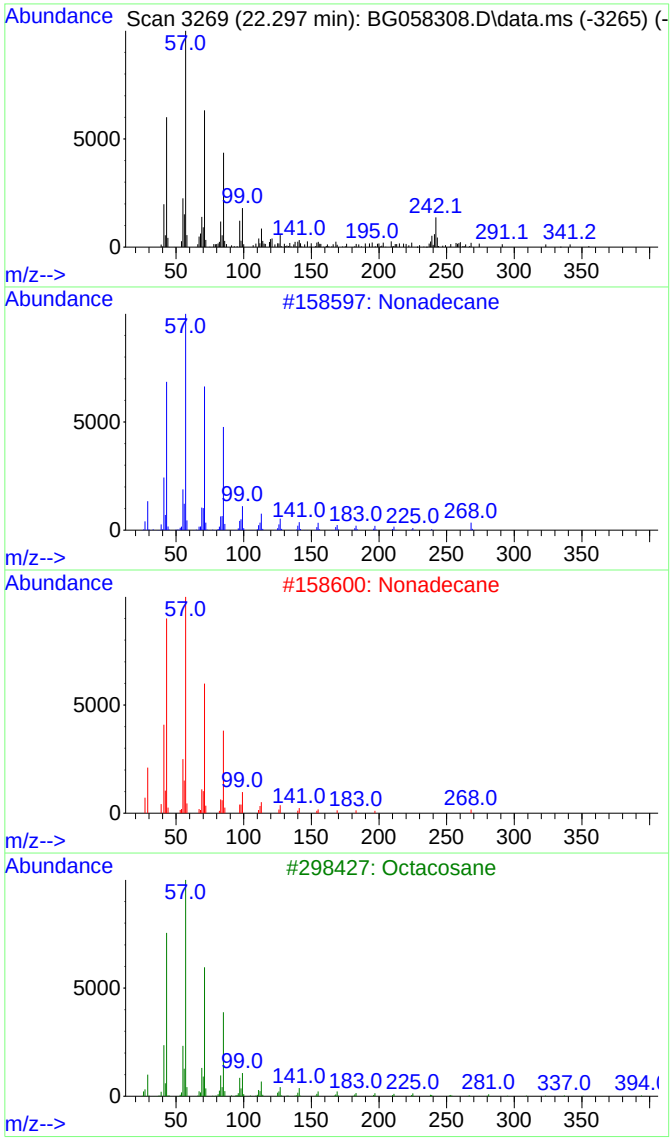
Quant Title : SVOA CALIBRATION

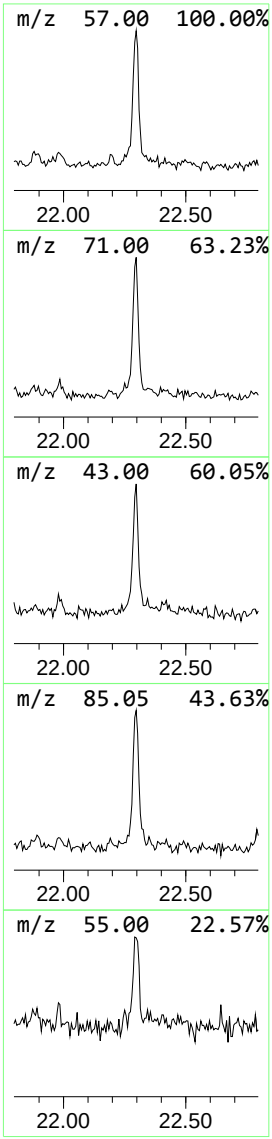
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.297	2.47 ng/ul	123216	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Nonadecane	268	C19H40	000629-92-5	89
3	Octacosane	394	C28H58	000630-02-4	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
5	Heptacosane	380	C27H56	000593-49-7	74





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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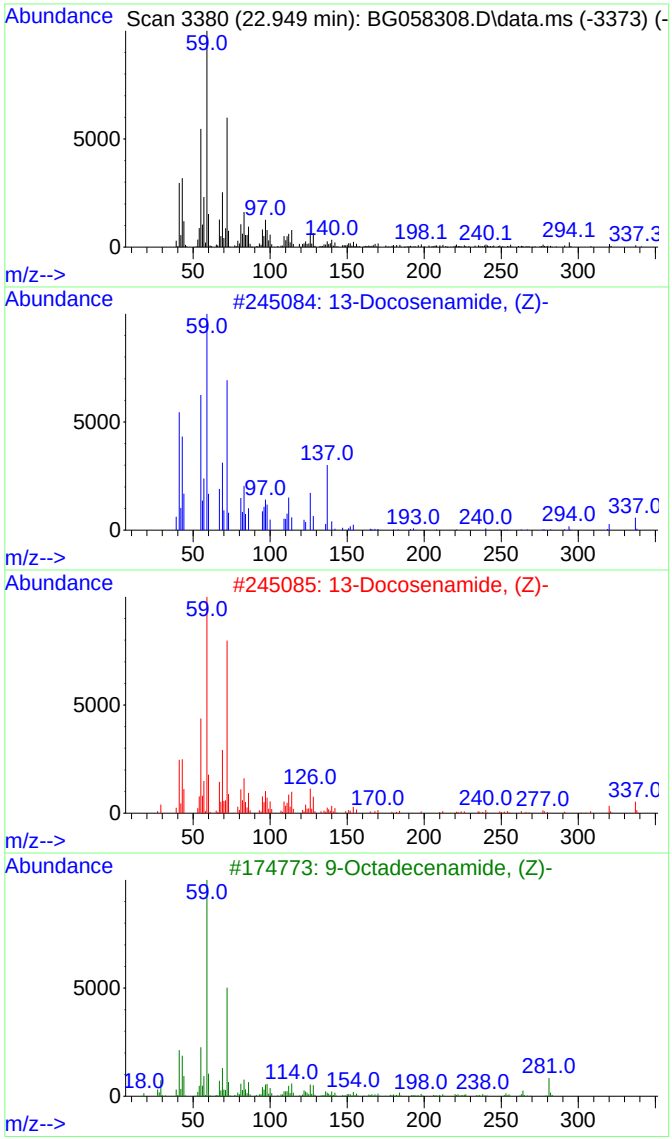
Quant Title : SVOA CALIBRATION

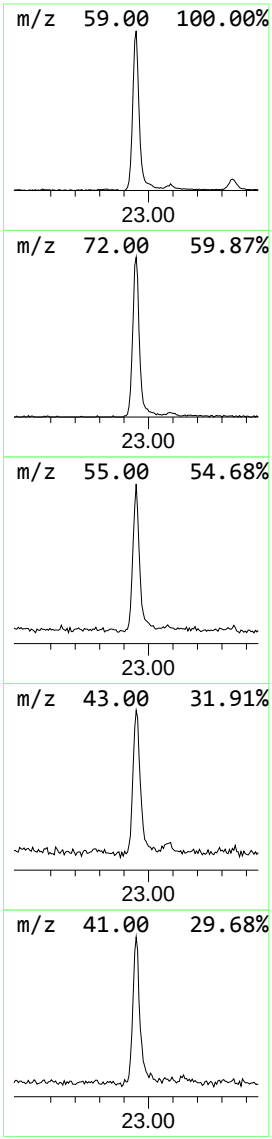
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.949	13.93 ng/ul	693882	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058308.D
Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

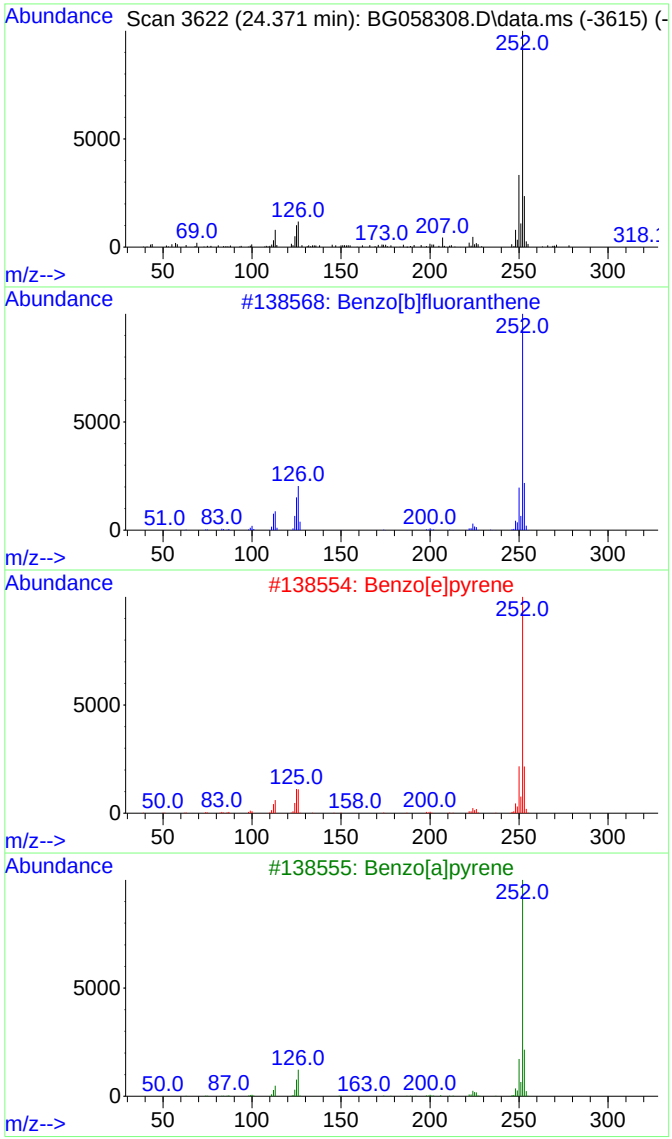
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

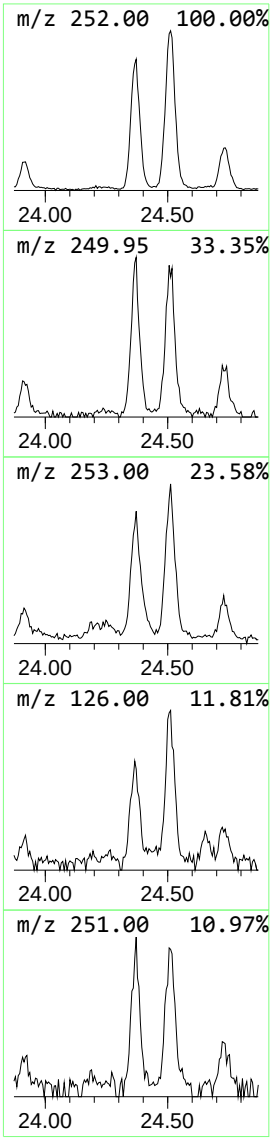
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzo[e]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.371	3.00 ng/ul	129090	Perylene-d12	24.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058308.D
Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

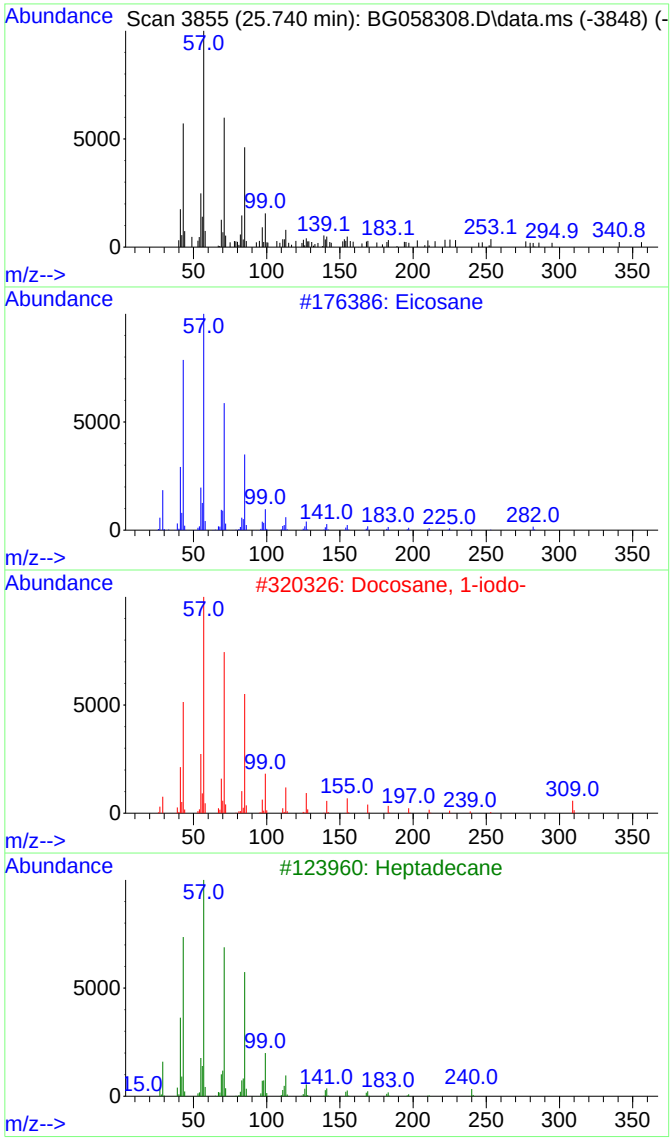
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

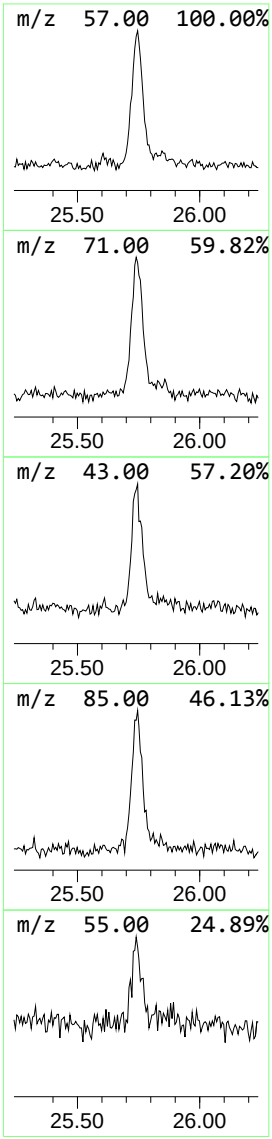
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.740	2.71 ng/ul	116598	Perylene-d12	24.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058308.D
Acq On : 18 Jul 2023 19:50
Operator : CG/JU
Sample : 03444-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46R8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Ethylidenecyclo...	3.149	1070.9	ng/ul	12756000	1	7.896	238222	20.0
1,3-Pentadiene,...	4.336	4.7	ng/ul	55780	1	7.896	238222	20.0
7-Oxabicyclo[4....	5.358	3.9	ng/ul	46941	1	7.896	238222	20.0
2-Cyclohexen-1-ol	5.799	56.2	ng/ul	669466	1	7.896	238222	20.0
Cyclohexene, 3-...	6.175	11.3	ng/ul	134757	1	7.896	238222	20.0
2-Cyclohexen-1-one	6.521	93.1	ng/ul	1108790	1	7.896	238222	20.0
Cyclohexanone, ...	7.614	2.6	ng/ul	30584	1	7.896	238222	20.0
7-Oxabicyclo[4....	7.973	5.7	ng/ul	67845	1	7.896	238222	20.0
unknown-01	8.072	12.1	ng/ul	143899	1	7.896	238222	20.0
unknown-02	8.149	11.4	ng/ul	136031	1	7.896	238222	20.0
2-Chlorocyclohe...	8.219	198.6	ng/ul	2365000	1	7.896	238222	20.0
cis-1,2-Cyclohe...	8.660	4.8	ng/ul	57182	1	7.896	238222	20.0
Cyclohexane, 1,...	8.889	12.2	ng/ul	145079	1	7.896	238222	20.0
(DEL) Alkane: S...	9.148	2.5	ng/ul	29999	1	7.896	238222	20.0
unknown-03	9.189	6.0	ng/ul	70824	1	7.896	238222	20.0
Cyclobutane-1,1...	9.947	3.1	ng/ul	62222	2	10.699	397567	20.0
(DEL) Alkane: C...	14.171	4.0	ng/ul	111991	3	14.535	555775	20.0
Benzophenone	15.887	2.8	ng/ul	77300	3	14.535	555775	20.0
1,1'-Biphenyl, ...	17.873	5.1	ng/ul	192650	4	17.279	758229	20.0
Tridecanoic aci...	17.937	2.1	ng/ul	79692	4	17.279	758229	20.0
Anthracene, 2-m...	18.161	2.8	ng/ul	104146	4	17.279	758229	20.0
4H-Cyclopenta[d...	18.349	3.6	ng/ul	137470	4	17.279	758229	20.0
10-Octadecenoic...	19.107	3.1	ng/ul	119236	4	17.279	758229	20.0
2,3',5',6-Tetra...	19.201	2.3	ng/ul	88864	4	17.279	758229	20.0
Methyl tetradec...	19.236	2.0	ng/ul	77543	4	17.279	758229	20.0
(DEL) Alkane: S...	22.297	2.5	ng/ul	123216	5	21.527	996458	20.0
13-Docosenamide...	22.949	13.9	ng/ul	693882	5	21.527	996458	20.0
Benzo[e]pyrene	24.371	3.0	ng/ul	129090	6	24.665	861037	20.0
(DEL) Alkane: S...	25.740	2.7	ng/ul	116598	6	24.665	861037	20.0