LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058243.D
Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

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: BG058243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.155	5	11	47	rVB	5560276	11966239	100.00%	34.652%
2	3.766	111	115	119	rBV2	10465	17608	0.15%	0.051%
3	4.342	208	213	223	rVB4	35026	64773	0.54%	0.188%
4	4.624	255	261	270	rVB	48589	85846	0.72%	0.249%
5	5.358	380	386	392	rBV2	56564	94138	0.79%	0.273%
6	5.540	412	417	429	rBV2	39380	93798	0.78%	0.272%
7	5.799	451	461	467	rBV	420916	817643	6.83%	2.368%
8	5.910	475	480	485	rBV2	18596	31386	0.26%	0.091%
9	6.181	519	526	536	rBV	91339	151292	1.26%	0.438%
10	6.527	576	585	597	rBV	754080	1291702	10.79%	3.741%
11	7.068	668	677	690	rBV	109441	217814	1.82%	0.631%
12	7.227	698	704	717	rVB	84643	142187	1.19%	0.412%
13	7.432	731	739	750	rBV2	105815	226898	1.90%	0.657%
14	7.520	750	754	764	rVB6	9351	20019	0.17%	0.058%
15	7.614	764	770	773	rBV2	21073	36867	0.31%	0.107%
16	7.902	809	819	826	rBV	195050	340787	2.85%	0.987%
17	7.979	826	832	836	rVV2	52712	96337	0.81%	0.279%
18	8.026	836	840	842	rVV4	12883	21688	0.18%	0.063%
19	8.078	842	849	855	rVV2	70991	146838	1.23%	0.425%
20	8.155	855	862	866	rVV	102749	188082	1.57%	0.545%
21	8.225	866	874	886	rVV	1588009	2851031	23.83%	8.256%
22	8.325	886	891	897	rVV3	10752	21194	0.18%	0.061%
23	8.490	915	919	924	rVV4	12820	23069	0.19%	0.067%
24	8.543	924	928	931	rVV3	13011	25035	0.21%	0.072%
25	8.607	931	939	944	rVV3	77649	174224	1.46%	0.505%
26	8.660	944	948	953	rVV2	43138	79022	0.66%	0.229%
27	8.731	953	960	972	rVB3	57435	130867	1.09%	0.379%
28	8.895	982	988	992	rBV	80623	147068	1.23%	0.426%
29	8.930	992	994	1002	rVB	37867	50547	0.42%	0.146%
30	9.060	1010	1016	1023	rBV	104548	190770	1.59%	0.552%
31	9.154	1028	1032	1035	rVV3	15557	25514	0.21%	0.074%
32	9.195	1035	1039	1048	rVB2	41757	77609	0.65%	0.225%
33	9.500	1083	1091	1094	rBV8	12111	29104	0.24%	0.084%
34	9.782	1133	1139	1147	rVB	86872	157039	1.31%	0.455%
35	9.947	1162	1167	1178	rBV5	23761	51986	0.43%	0.151%
36	10.323	1222	1231	1245	rBV3	142772	311122	2.60%	0.901%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46J6

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

37	10.558	1260	1271	1277	rBV4	14863	38428	0.32%	0.111%
38	10.705	1283	1296	1303	rBV	321577	606826	5.07%	1.757%
39	10.840	1312	1319	1327	rVB5	13013	30178	0.25%	0.087%
40	11.245	1380	1388	1395	rBV6	13068	28320	0.24%	0.082%
41	11.410	1408	1416	1424	rVV5	12822	23542	0.20%	0.068%
42	11.510	1424	1433	1440	rVB8	12893	35322	0.30%	0.102%
43	12.015	1514	1519	1523	rBV4	12536	22128	0.18%	0.064%
44	12.655	1623	1628	1634	rVB	31390	46659	0.39%	0.135%
45	12.755	1639	1645	1648	rBV	16092	27255	0.23%	0.079%
46	12.791	1648	1651	1658	rVB2	14967	21872	0.18%	0.063%
47	13.355	1742	1747	1752	rBV	24301	32149	0.27%	0.093%
48	13.425	1752	1759	1764	rVB3	9070	16289	0.14%	0.047%
49	13.942	1841	1847	1858	rBV	284249	419823	3.51%	1.216%
50	14.171	1879	1886	1891	rBV	84625	146119	1.22%	0.423%
51	14.230	1891	1896	1907	rVB	293812	499405	4.17%	1.446%
52	14.541	1942	1949	1957	rVB	521689	834192	6.97%	2.416%
53	14.741	1976	1983	1997	rBV	90597	190843	1.59%	0.553%
54	14.888	2000	2008	2013	rVV2	35623	64775	0.54%	0.188%
55	15.529	2111	2117	2126	rBV	429907	649872	5.43%	1.882%
56	15.646	2129	2137	2149	rVB2	102597	176721	1.48%	0.512%
57	15.893	2171	2179	2185	rBV	40710	65603	0.55%	0.190%
58	16.069	2203	2209	2217	rBV3	32252	70064	0.59%	0.203%
59	16.192	2225	2230	2235	rVB4	12053	18019	0.15%	0.052%
60	16.974	2358	2363	2369	rVV2	25819	39870	0.33%	0.115%
61	17.285	2409	2416	2426	rBV	668229	1083893	9.06%	3.139%
62	17.379	2426	2432	2440	rVV	314805	493236	4.12%	1.428%
63	17.943	2519	2528	2534	rBV2	79339	108513	0.91%	0.314%
64	18.167	2561	2566	2571	rBV2	62188	99640	0.83%	0.289%
65	18.507	2619	2624	2629	rBV5	13633	23978	0.20%	0.069%
66	18.660	2646	2650	2654	rVV2	18317	26771	0.22%	0.078%
67	18.719	2654	2660	2663	rVV	20121	31136	0.26%	0.090%
68	18.901	2686	2691	2693	rBV3	10890	16690	0.14%	0.048%
69	18.972	2698	2703	2707	rBV2	27642	36739	0.31%	0.106%
70	19.113	2723	2727	2730	rBV	81941	85217	0.71%	0.247%
71	19.201	2736	2742	2745	rBV	22339	38735	0.32%	0.112%
72	19.242	2746	2749	2756	rVV2	36314	52978	0.44%	0.153%
73	19.336	2761	2765	2770	rVB	40102	59420	0.50%	0.172%
74	19.442	2779	2783	2786	rBV3	24950	35808	0.30%	0.104%
75	19.583	2806	2807	2814	rVB6	12497	18782	0.16%	0.054%
76	19.671	2814	2822	2835	rBV	602353	958854	8.01%	2.777%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

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

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

77	19.771	2835	2839	2845	rVB	28533	43403	0.36%	0.126%
78	19.894	2857	2860	2864	rVB2	30368	37273	0.31%	0.108%
79	20.064	2885	2889	2893	rVB	14886	17662	0.15%	0.051%
80	20.135	2898	2901	2906	rVV5	27125	34582	0.29%	0.100%
81	20.200	2907	2912	2916	rVB2	22330	35293	0.29%	0.102%
82	20.693	2993	2996	2999	rVV3	15582	18602	0.16%	0.054%
83	20.910	3029	3033	3037	rVB	26997	33021	0.28%	0.096%
84	21.010	3046	3050	3057	rVB	106662	146785	1.23%	0.425%
85	21.187	3077	3080	3082	rBV3	23936	23720	0.20%	0.069%
86	21.416	3114	3119	3128	rVB	213680	304011	2.54%	0.880%
87	21.533	3132	3139	3154	rBV2	666438	1168255	9.76%	3.383%
88	21.645	3155	3158	3162	rBV2	26729	35200	0.29%	0.102%
89	21.992	3214	3217	3222	rVB2	21055	33321	0.28%	0.096%
90	22.303	3266	3270	3277	rBV	84666	132377	1.11%	0.383%
91	22.961	3374	3382	3398	rBV2	484324	1095633	9.16%	3.173%
92	23.754	3511	3517	3524	rVB	148776	306573	2.56%	0.888%
93	24.459	3628	3637	3655	rVB	219022	630456	5.27%	1.826%
94	24.677	3664	3674	3690	rBV	489972	1383108	11.56%	4.005%
95	25.176	3753	3759	3776	rVB3	44536	141056	1.18%	0.408%
96	25.764	3850	3859	3871	rBV2	123694	381531	3.19%	1.105%
97	27.074	4071	4082	4094	rBV2	106621	378525	3.16%	1.096%
98	27.844	4208	4213	4216	rBV7	9677	19809	0.17%	0.057%
99	28.660	4341	4352	4368	rVB3	75832	335915	2.81%	0.973%
100	30.558	4664	4675	4676	rBV2	53332	124544	1.04%	0.361%

Sum of corrected areas: 34532462

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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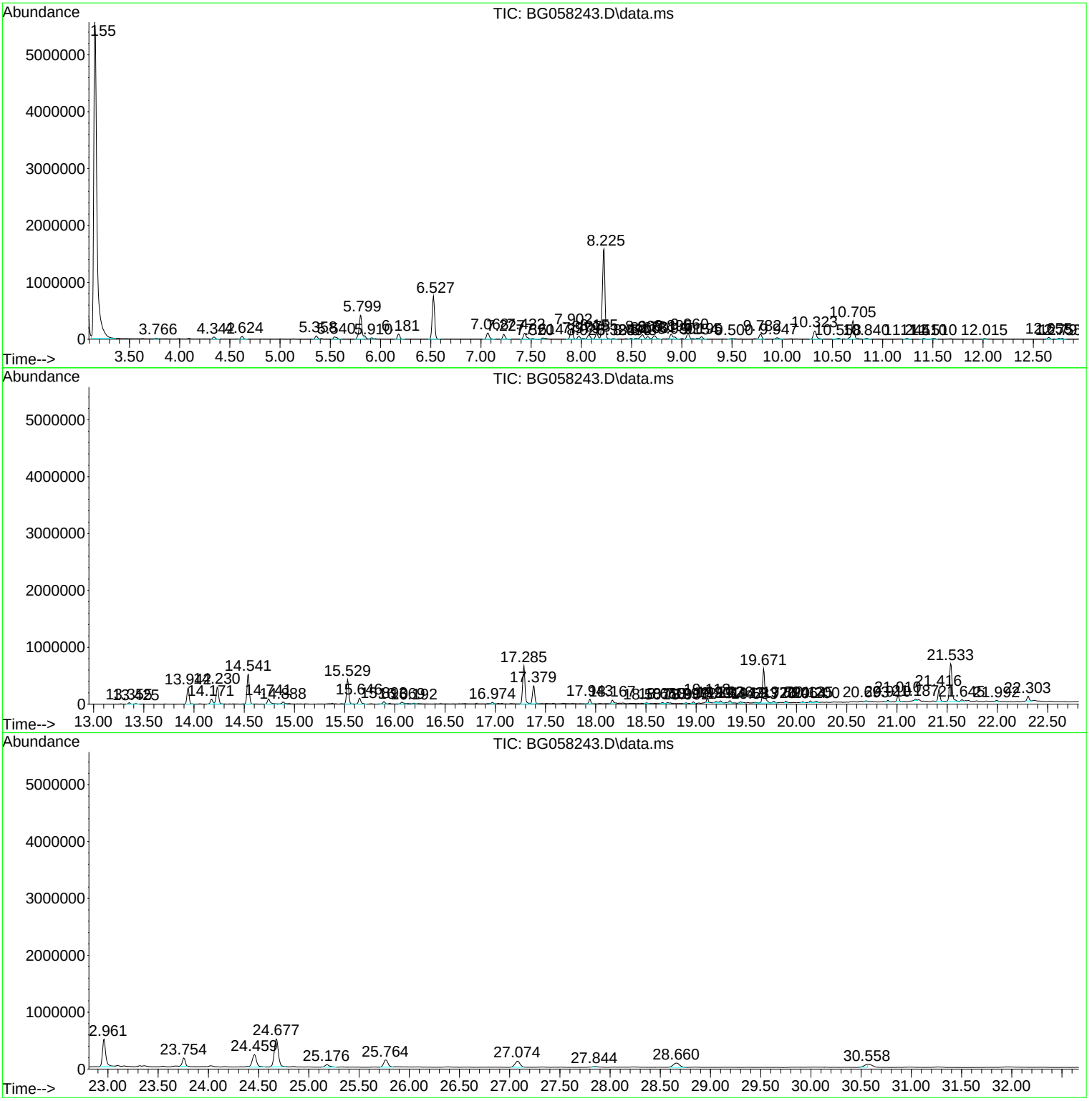
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058243.D
Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

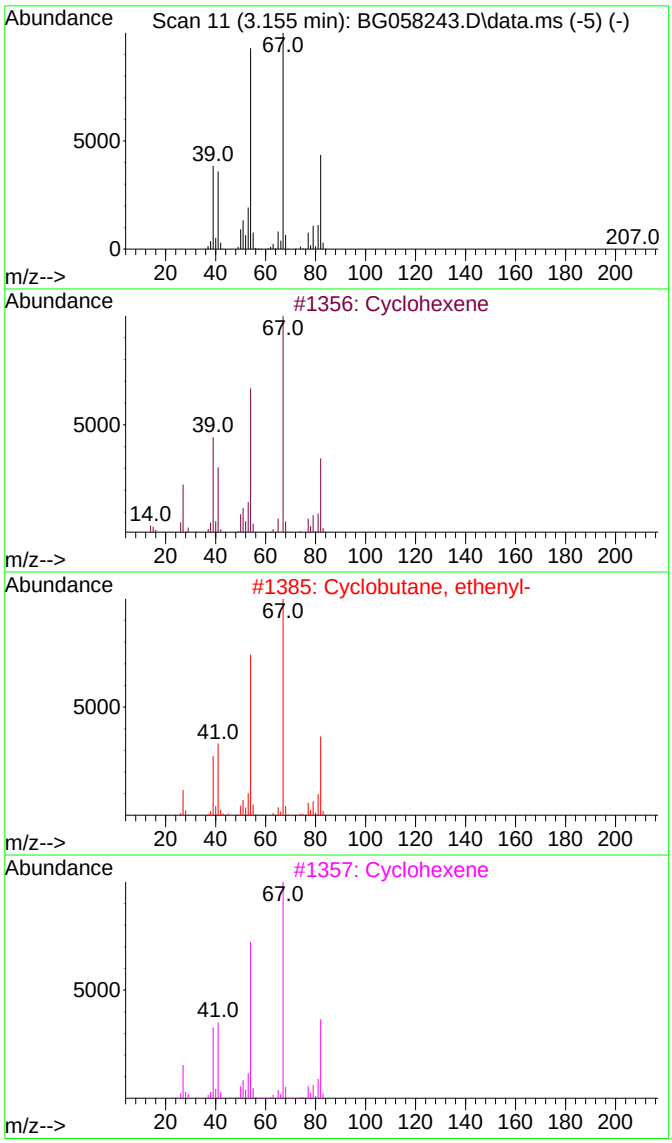
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

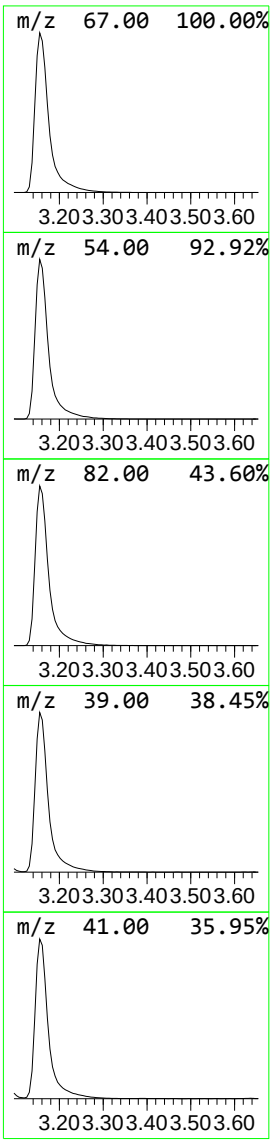
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	702.27 ng/ul	11966200	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	90
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
3	Cyclohexene	82	C6H10	000110-83-8	87
4	Cyclohexene	82	C6H10	000110-83-8	87
5	Cyclohexene	82	C6H10	000110-83-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058243.D
Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

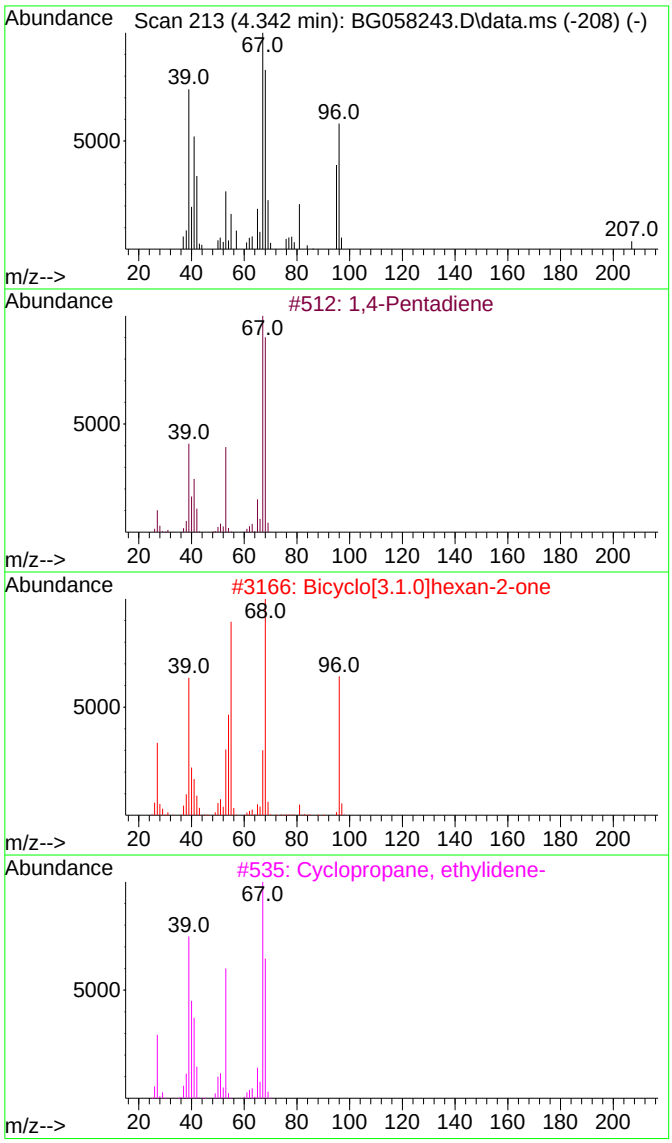
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

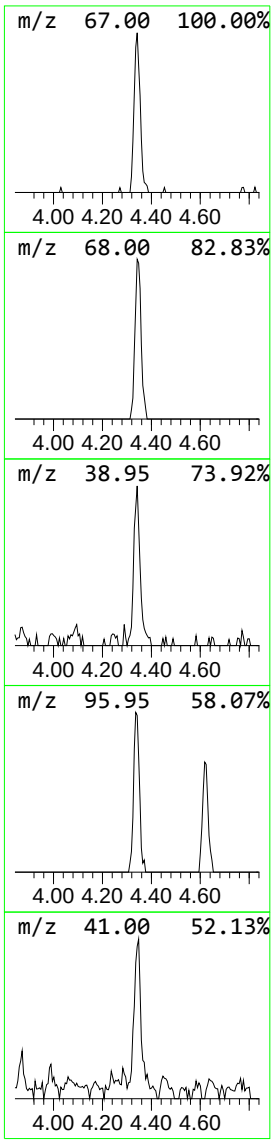
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,4-Pentadiene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.342	3.80 ng/ul	64773	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene	68	C5H8	000591-93-5	74
2	Bicyclo[3.1.0]hexan-2-one	96	C6H8O	004160-49-0	74
3	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	72
4	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	72
5	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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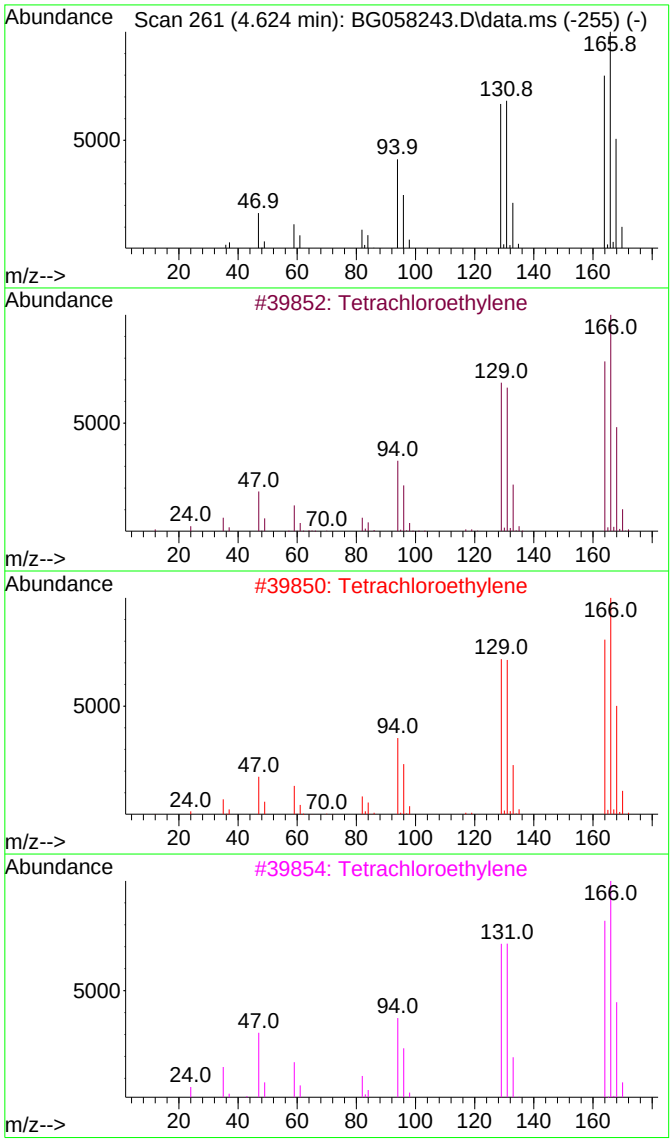
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

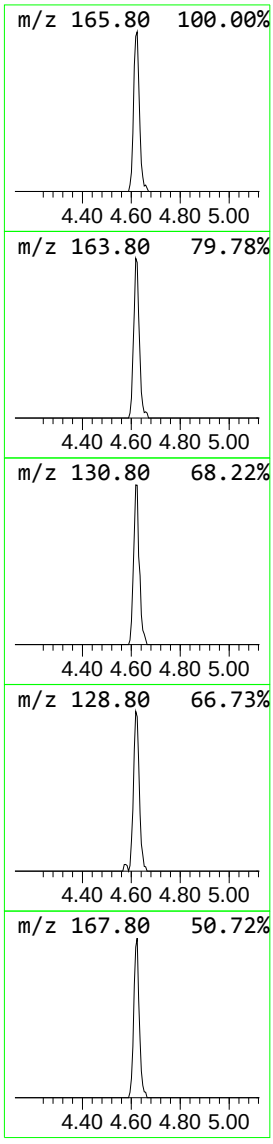
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.624	5.04 ng/ul	85846	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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ALS Vial : 52 Sample Multiplier: 1

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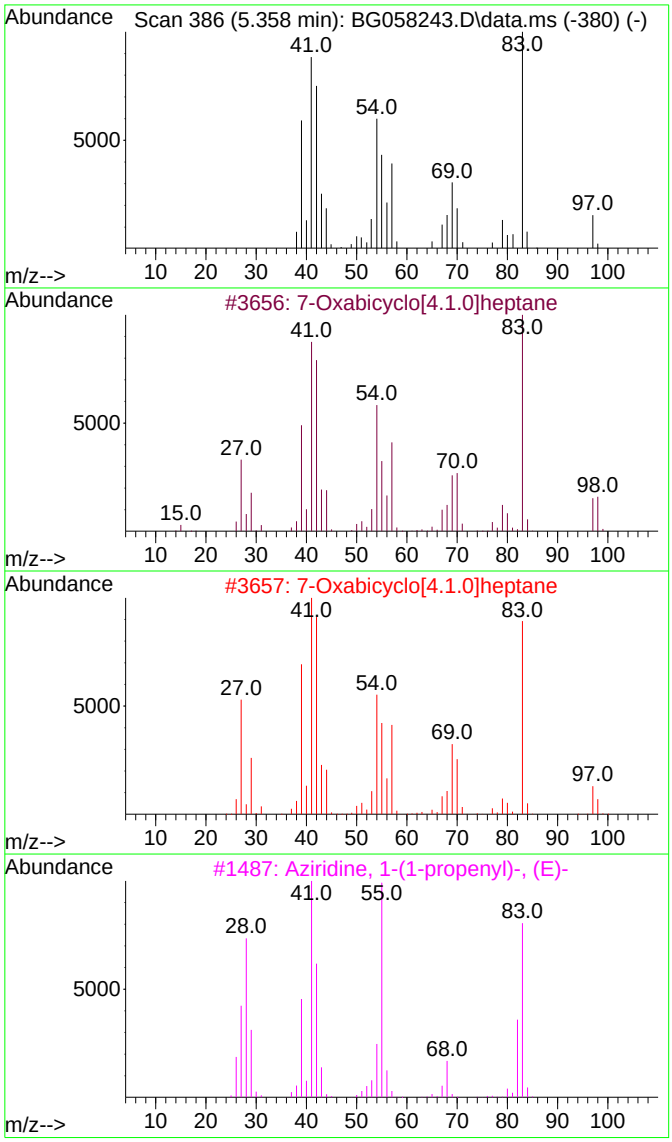
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

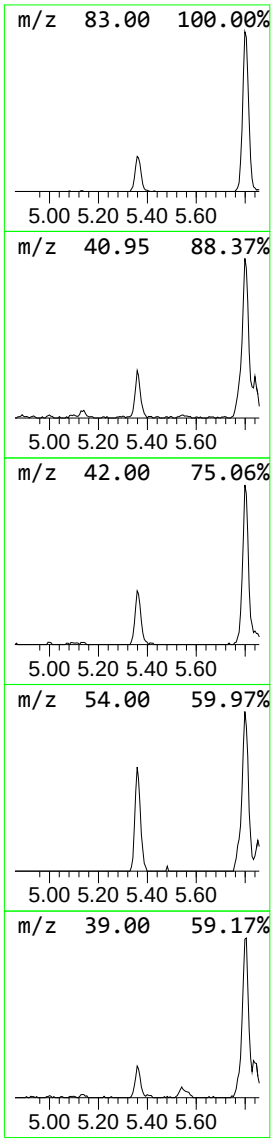
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Oxabicyclo[4.1.0]heptane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.358	5.52 ng/ul	94138	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	90
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	78
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	72
4	2-Hexenal	98	C6H10O	000505-57-7	45
5	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	43





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Data File : BG058243.D
Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

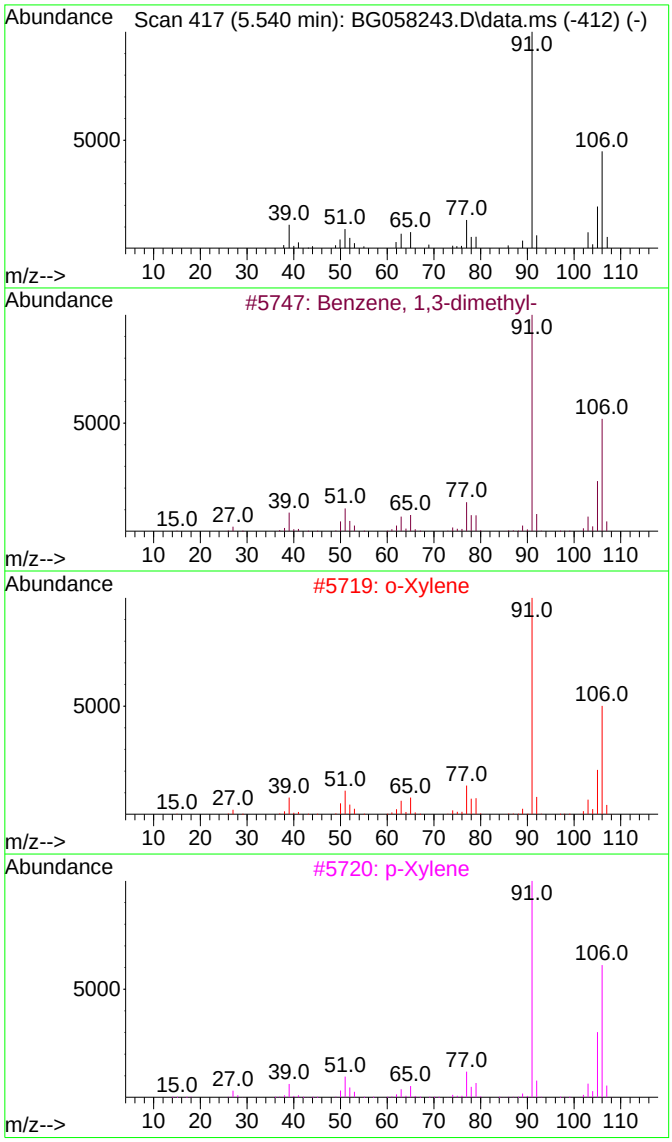
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

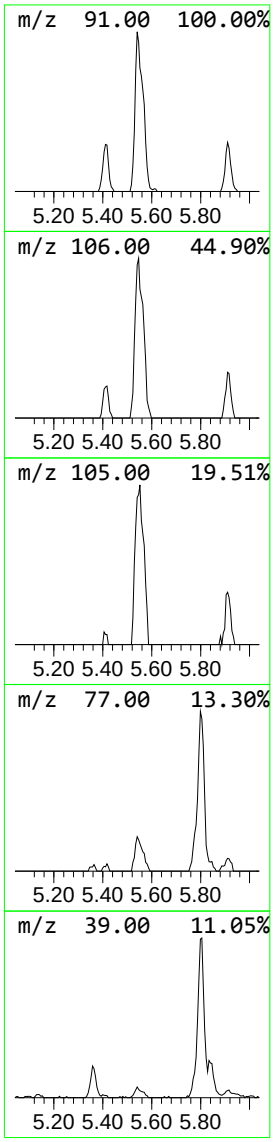
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.540	5.50 ng/ul	93798	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	91
4	o-Xylene	106	C8H10	000095-47-6	91
5	o-Xylene	106	C8H10	000095-47-6	91





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Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

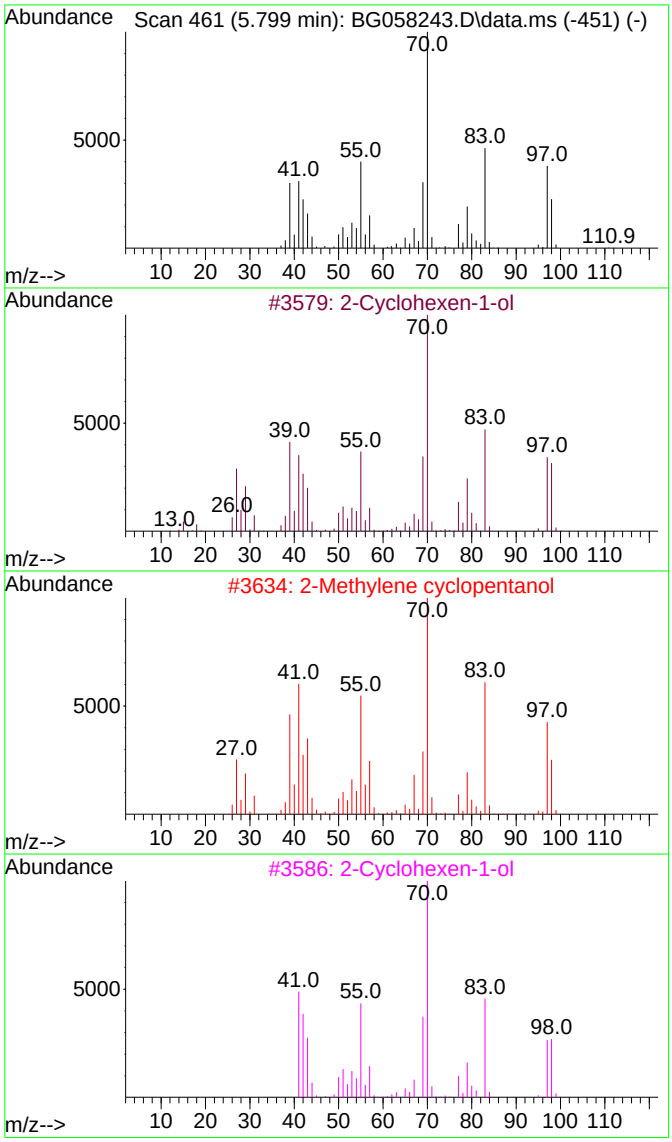
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

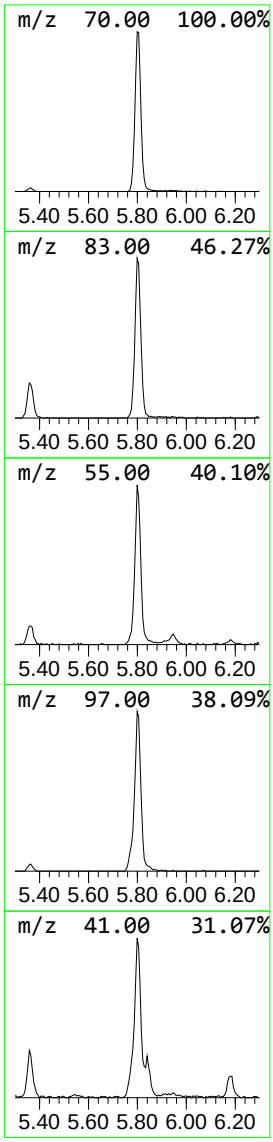
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	47.99 ng/ul	817643	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	95
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	91
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	90
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

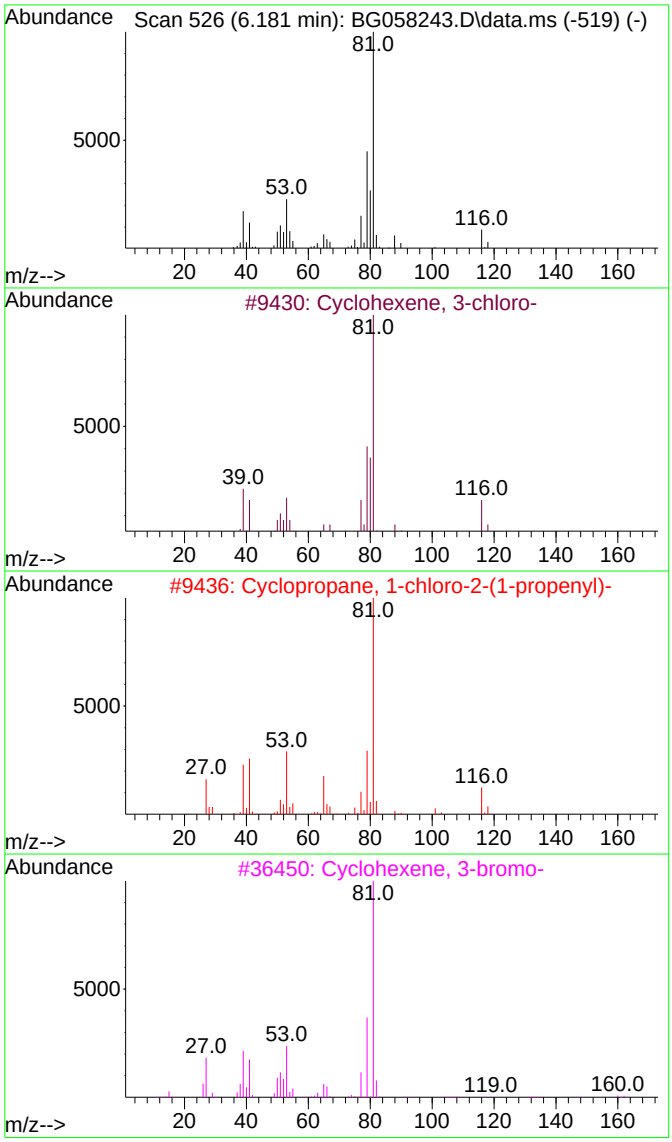
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

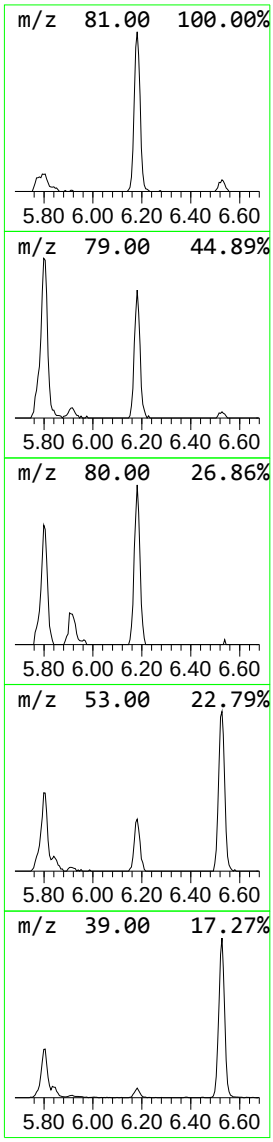
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	8.88 ng/ul	151292	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	91
2	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	64
3	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	59
4	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	50
5	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	50





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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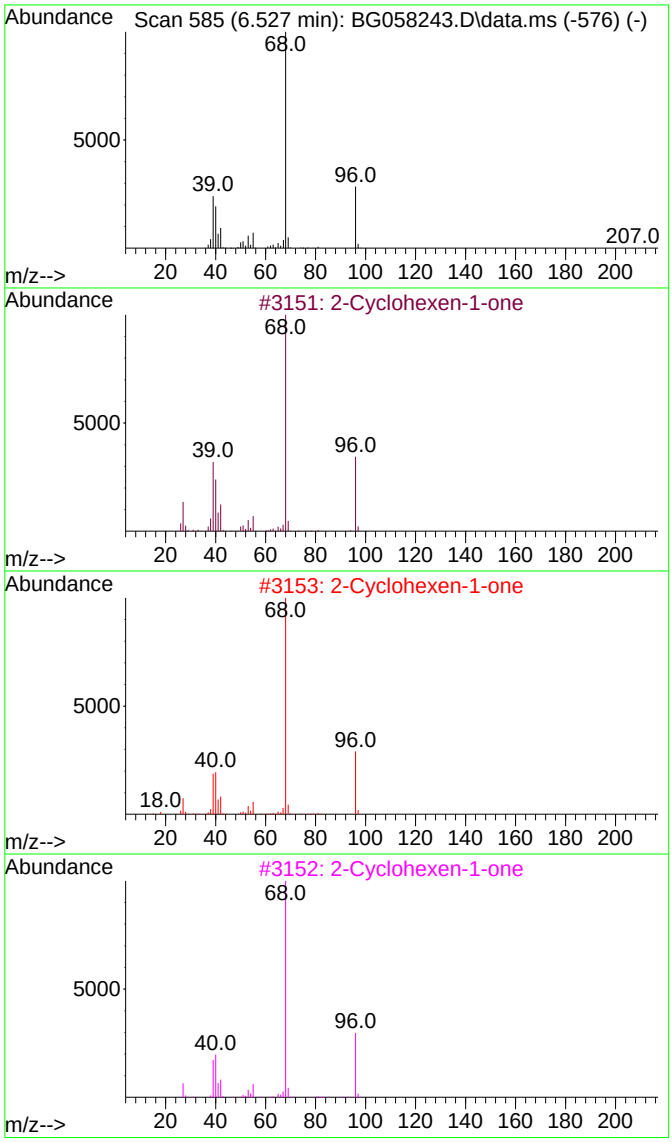
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

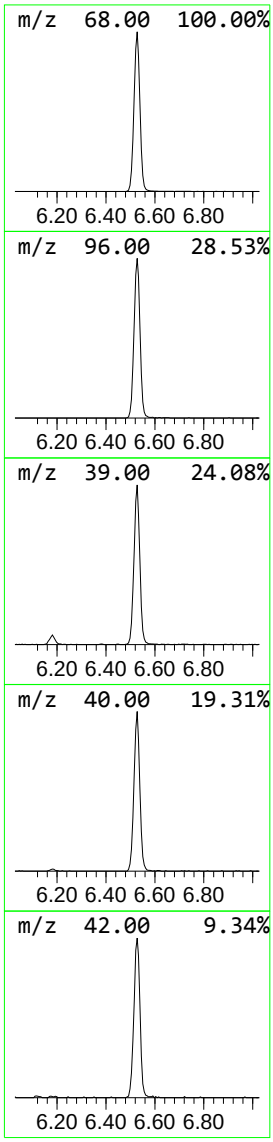
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.527	75.81 ng/ul	1291700	1,4-Dichlorobenzene-d4	7.902

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	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	16





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

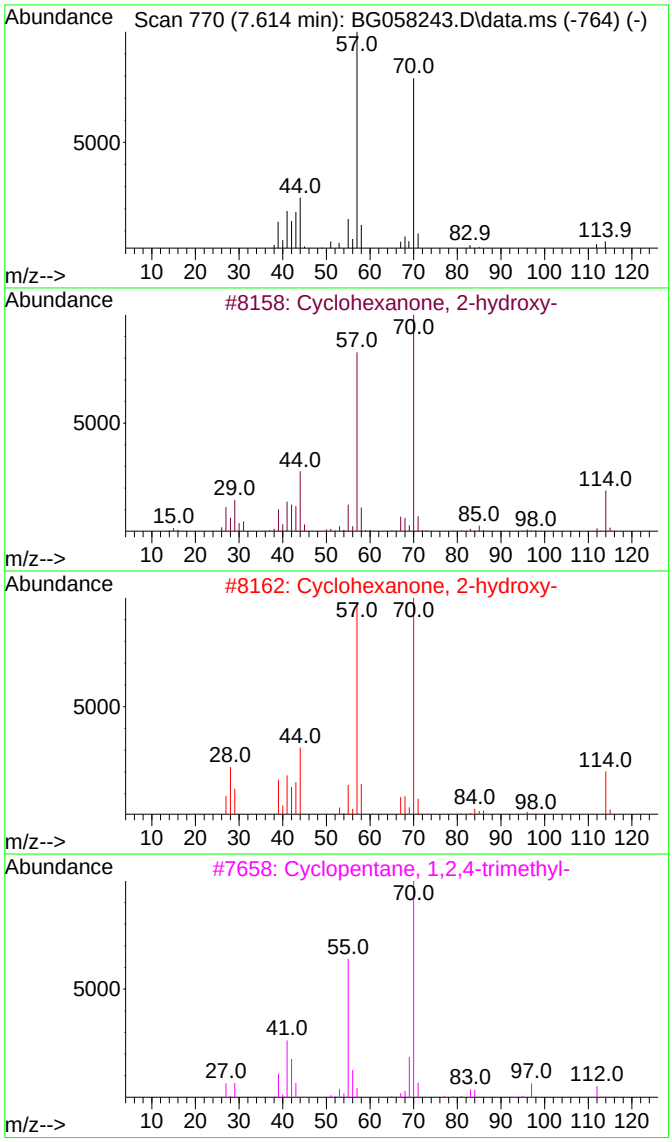
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

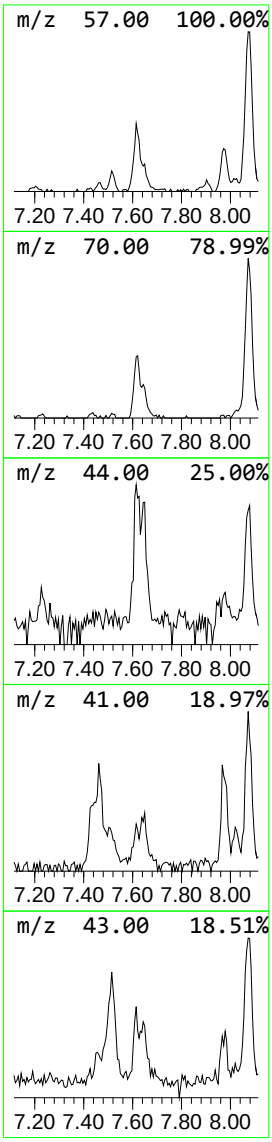
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 2-hydroxy- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.614	2.16 ng/ul	36867	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	78
2	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	72
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50
4	1-Butanol, 3-methyl-, propanoate	144	C8H16O2	000105-68-0	42
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	40





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Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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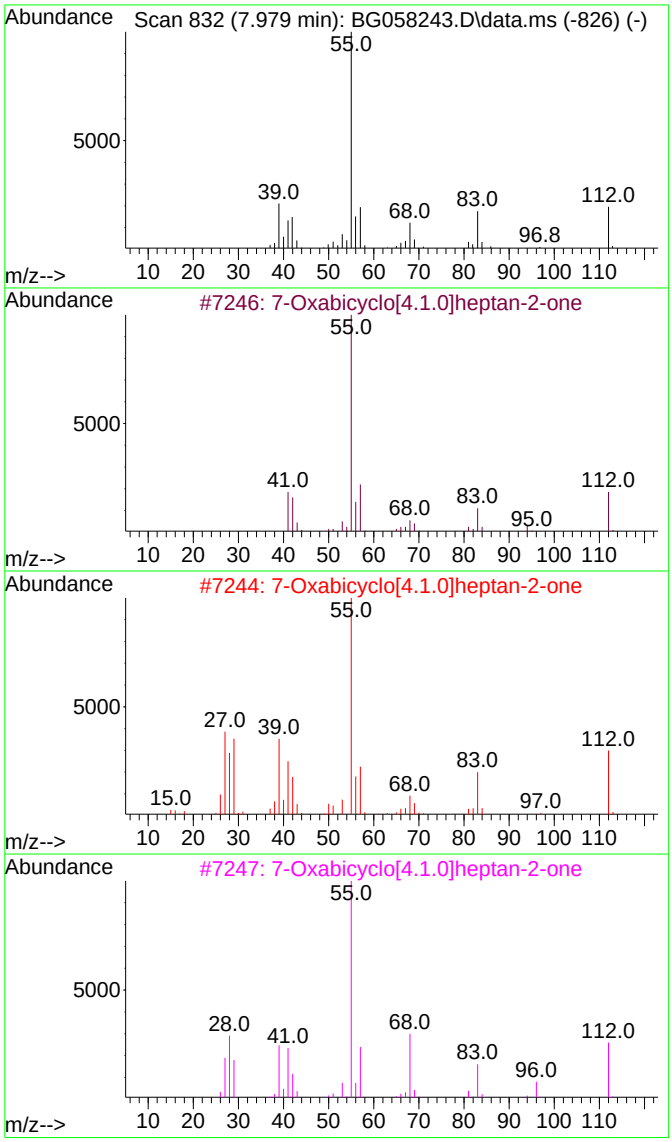
Quant Title : SVOA CALIBRATION

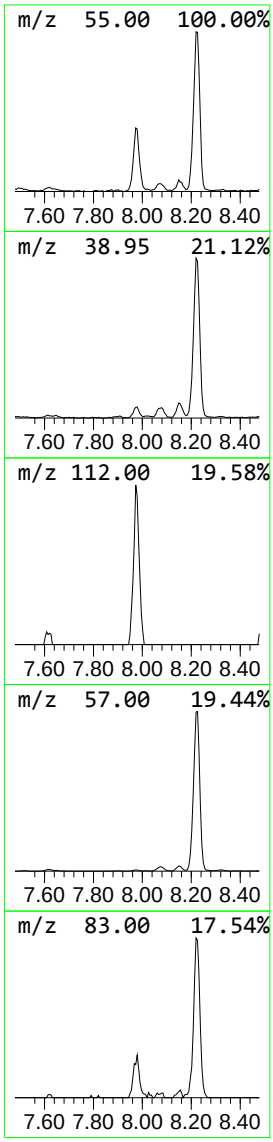
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.979	5.65 ng/ul	96337	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	87
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	87
3	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	76
4	3-Ethyl-3-hexene	112	C8H16	016789-51-8	64
5	3-Octene, (Z)-	112	C8H16	014850-22-7	53





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

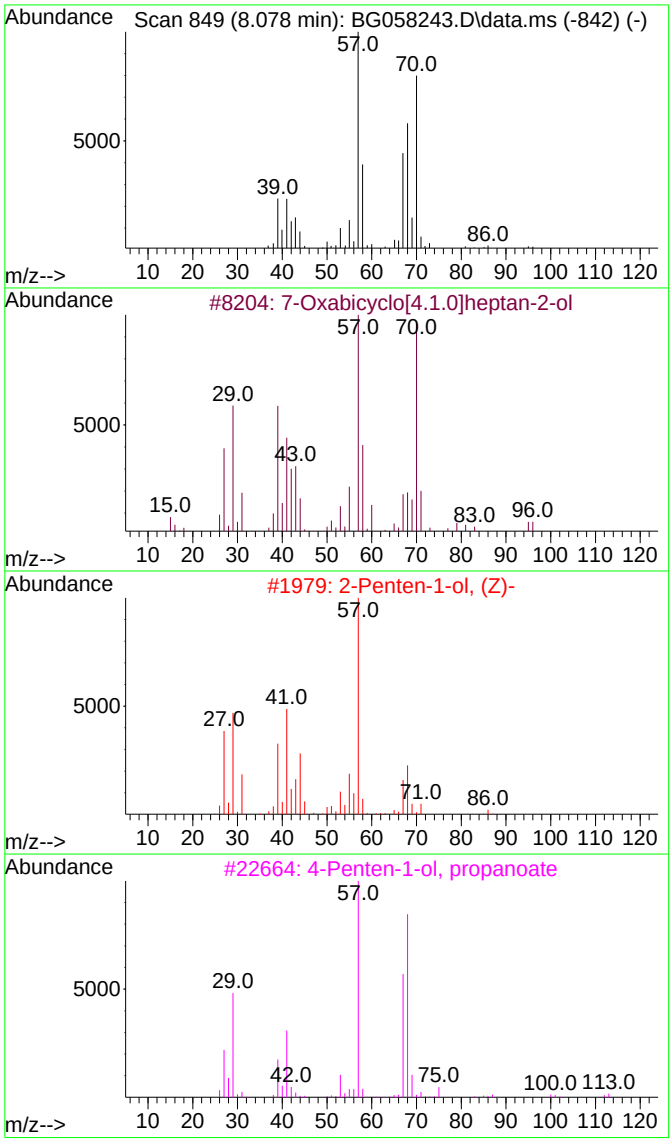
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

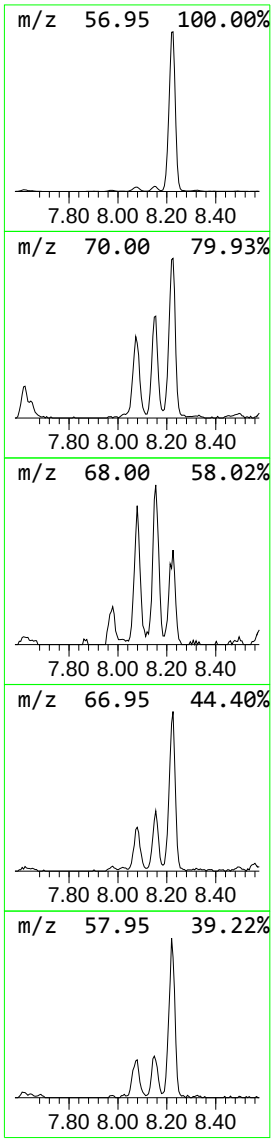
****

Peak Number 11 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.078	8.62 ng/ul	146838	1,4-Dichlorobenzene-d4	7.902

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	2-Penten-1-ol, (Z)-	86	C5H10O	001576-95-0	32
3	4-Penten-1-ol, propanoate	142	C8H14O2	030563-30-5	25
4	Methacrolein	70	C4H6O	000078-85-3	25
5	Acetone cyanohydrin	85	C4H7NO	000075-86-5	12





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 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

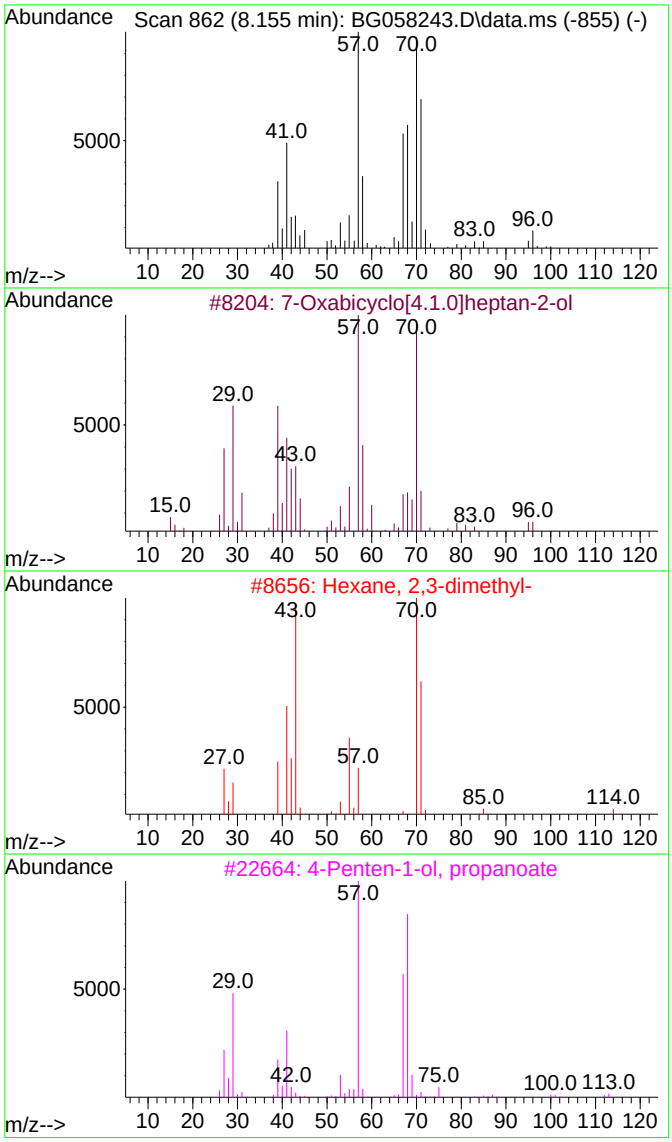
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

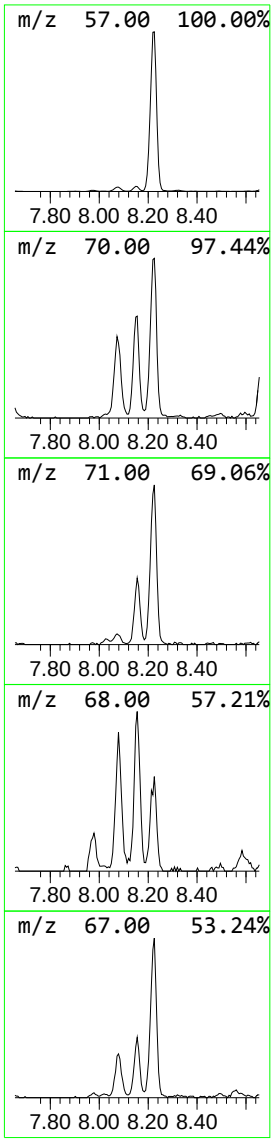
****

Peak Number 12 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.155	11.04 ng/ul	188082	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	38
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	32
3	4-Penten-1-ol, propanoate	142	C8H14O2	030563-30-5	27
4	Norbornane	96	C7H12	000279-23-2	22
5	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	22





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Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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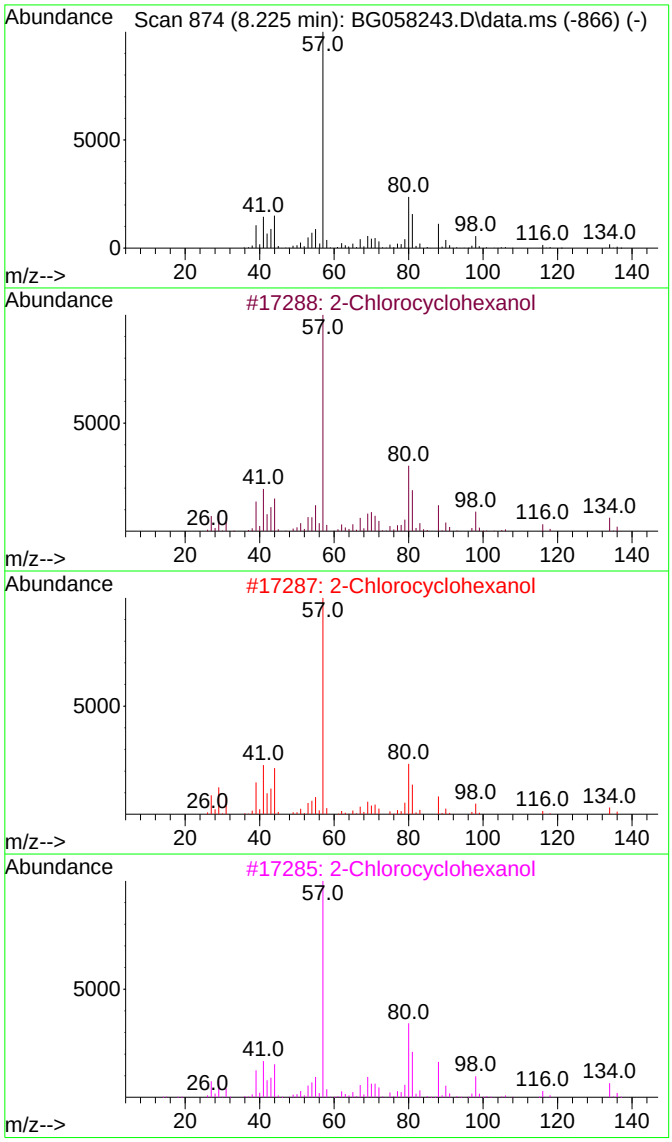
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

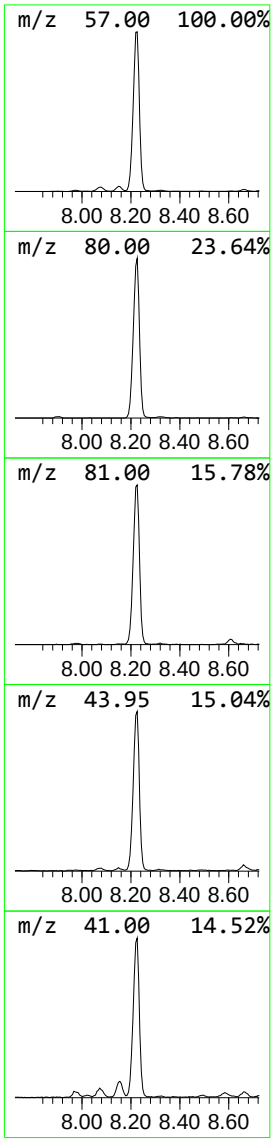
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.225	167.32 ng/ul	2851030	1,4-Dichlorobenzene-d4	7.902

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	50
5	Cyclohexanol, 2-chloro-, trans-	134	C6H11ClO	006628-80-4	45





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Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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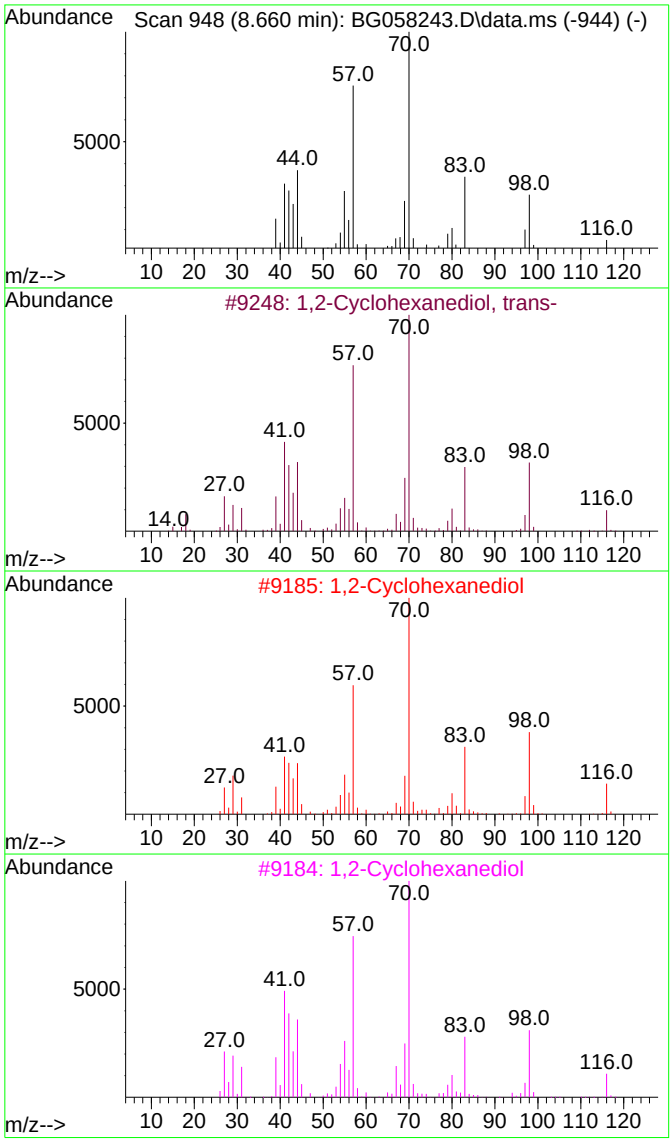
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

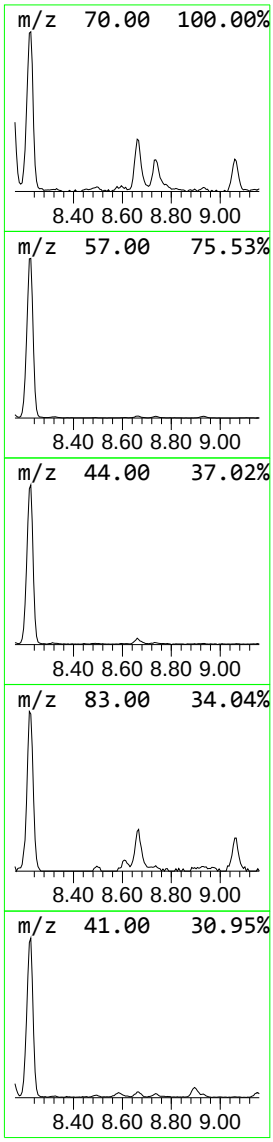
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,2-Cyclohexanediol, trans- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.660	4.64 ng/ul	79022	1,4-Dichlorobenzene-d4	7.902

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





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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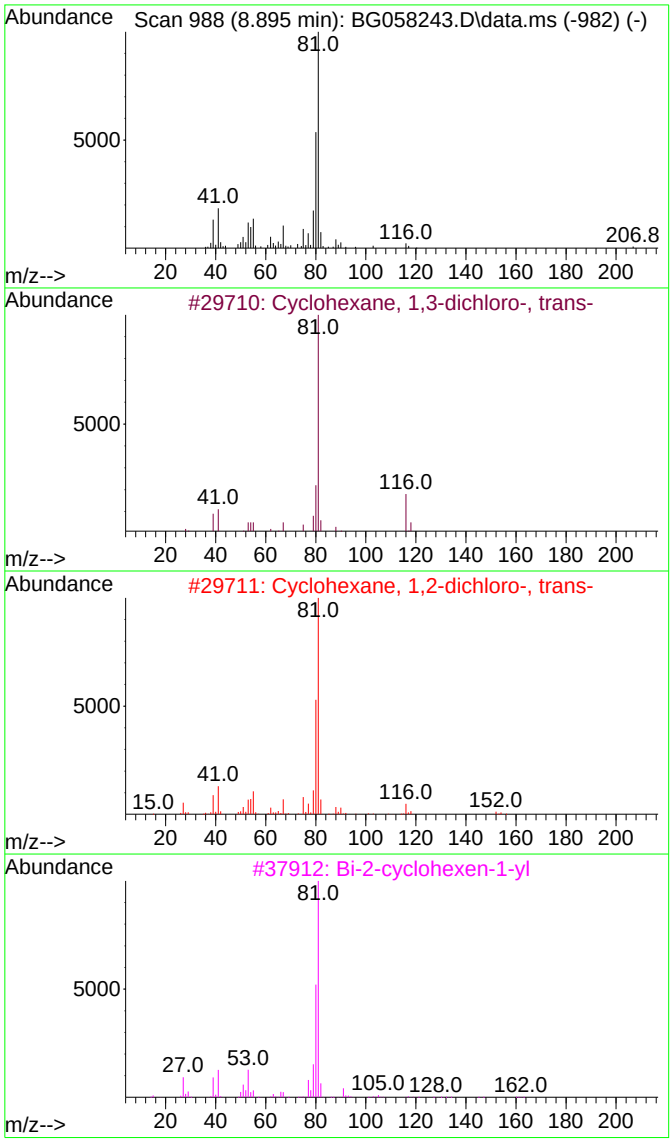
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

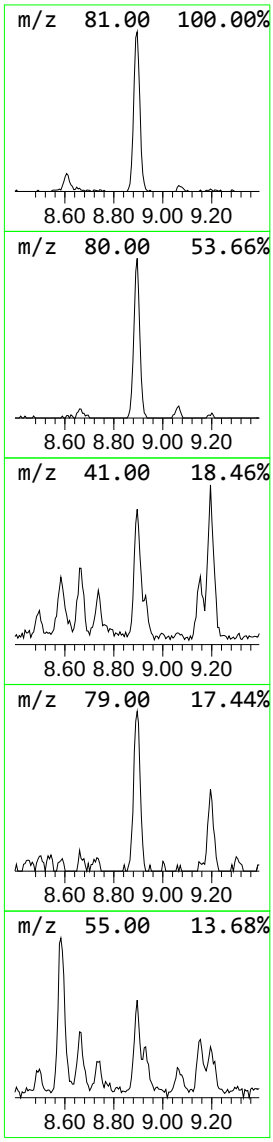
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 1,3-dichloro-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.895	8.63 ng/ul	147068	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	72
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	72
3	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	64
4	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	64
5	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	64





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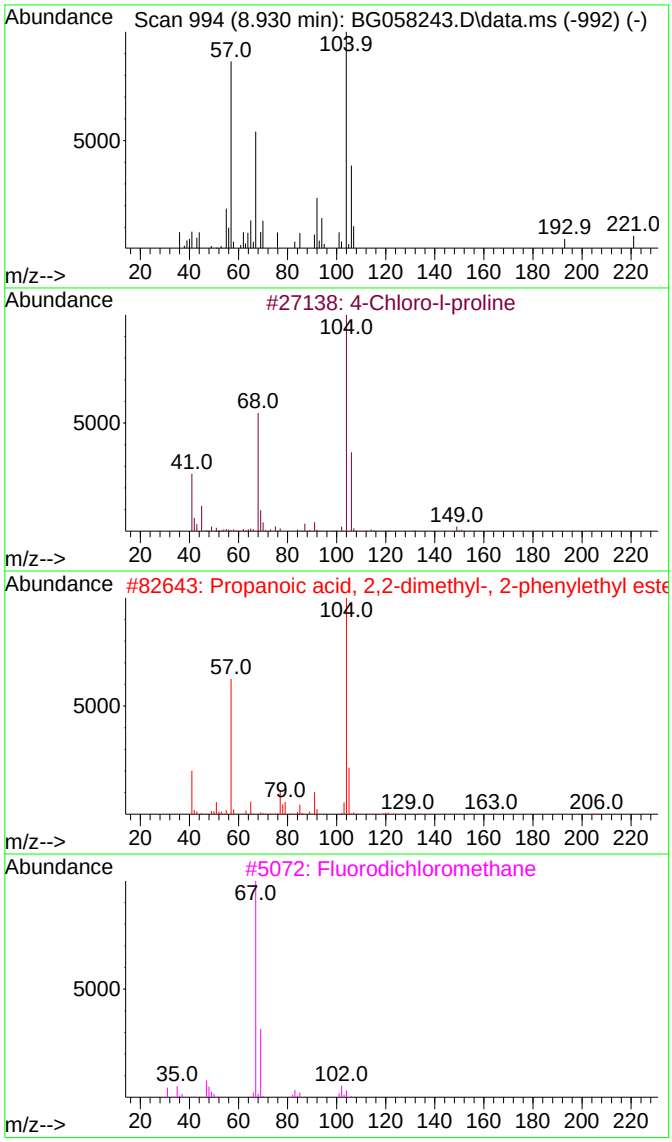
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

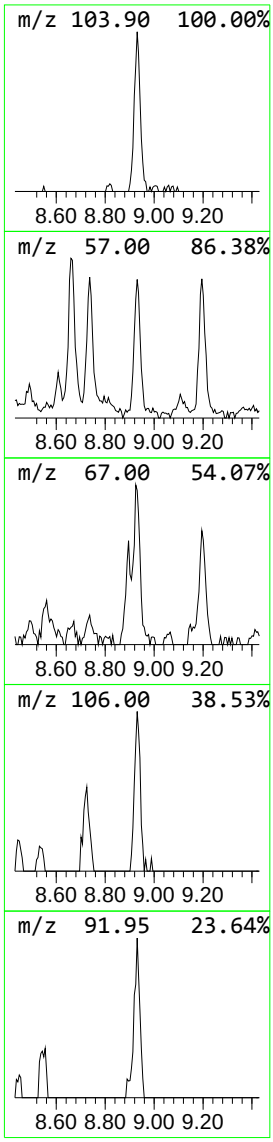
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.930	2.97 ng/ul	50547	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-l-proline	149	C5H8ClNO2	1000132-55-5	25
2	Propanoic acid, 2,2-dimethyl-, 2...	206	C13H18O2	067662-96-8	12
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	9
4	2-Methylbenzyl alcohol, pentaflu...	268	C11H9F5O2	1000364-54-1	9
5	Pyrimidine-2,4,6(1H,3H,5H)-trion...	232	C12H12N2O3	251468-79-8	9





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Data File : BG058243.D
Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

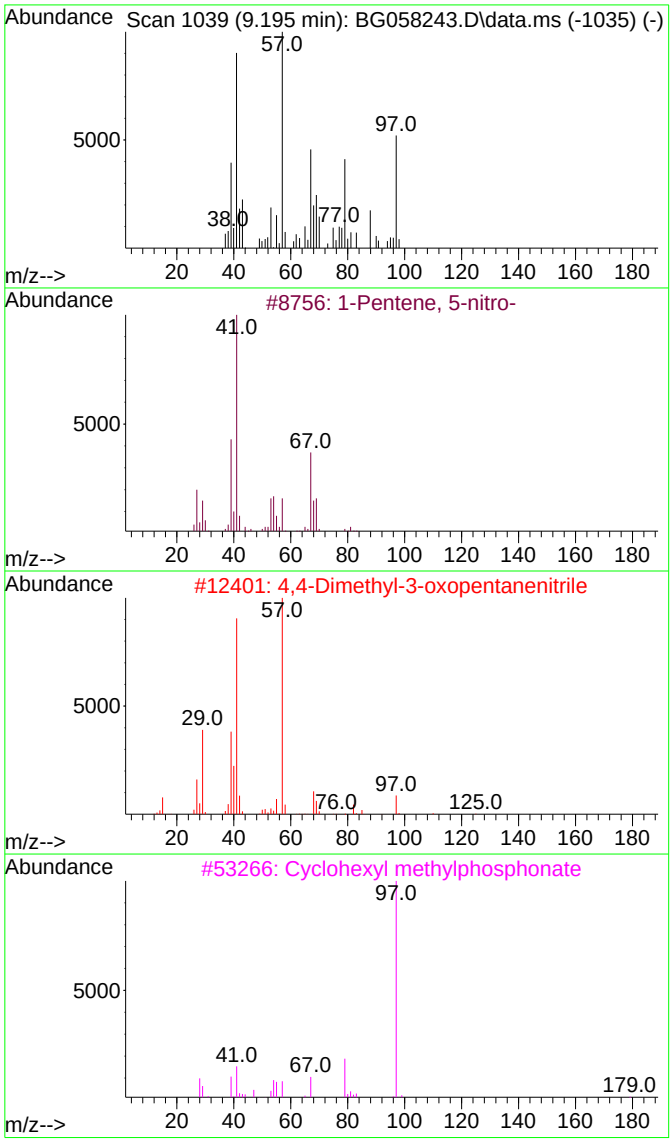
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

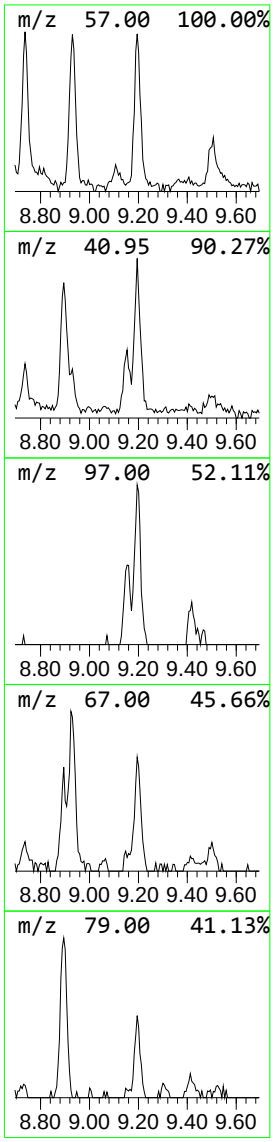
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.195	4.55 ng/ul	77609	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 5-nitro-	115	C5H9NO2	023542-51-0	35
2	4,4-Dimethyl-3-oxopentanenitrile	125	C7H11NO	059997-51-2	35
3	Cyclohexyl methylphosphonate	178	C7H15O3P	001932-60-1	35
4	Pent-2-ynal, 4,4-dimethyl-	110	C7H10O	002579-21-7	27
5	Pent-2-ynal, 4,4-dimethyl-	110	C7H10O	002579-21-7	27





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

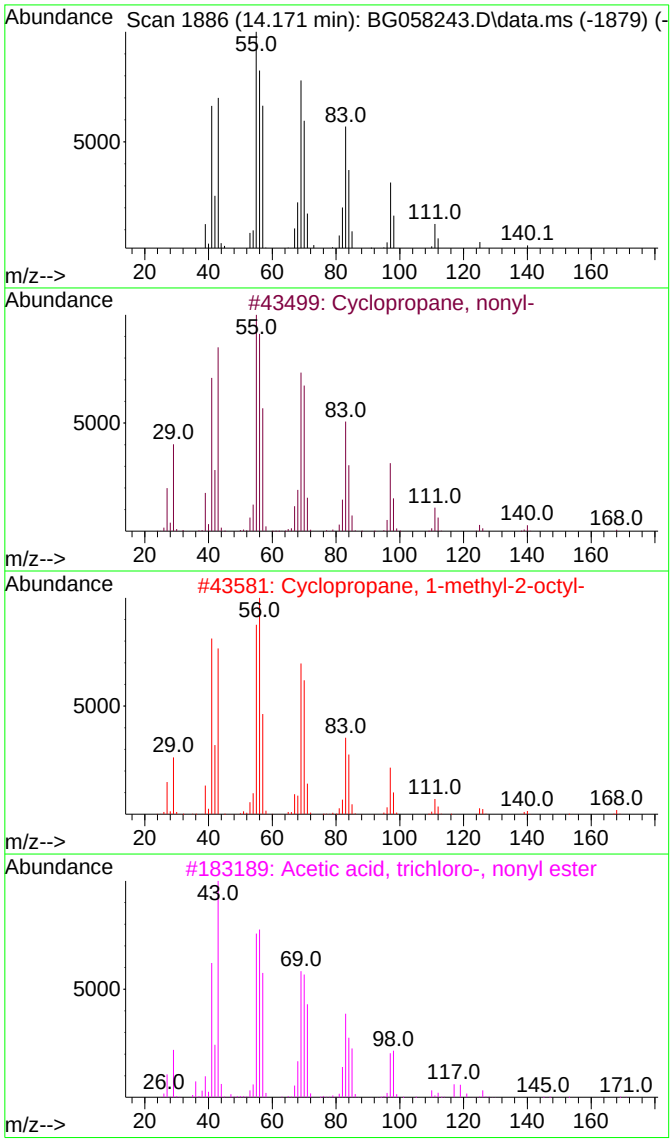
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

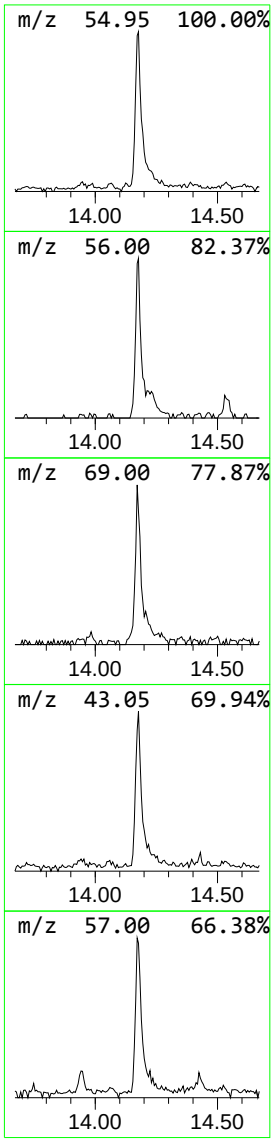
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic14.171 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.171	3.50 ng/ul	146119	Acenaphthene-d10	14.541

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, nonyl-	168	C12H24	074663-85-7	87
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	87
3	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	86
4	1-Undecanol	172	C11H24O	000112-42-5	83
5	Cyclooctane	112	C8H16	000292-64-8	74





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Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

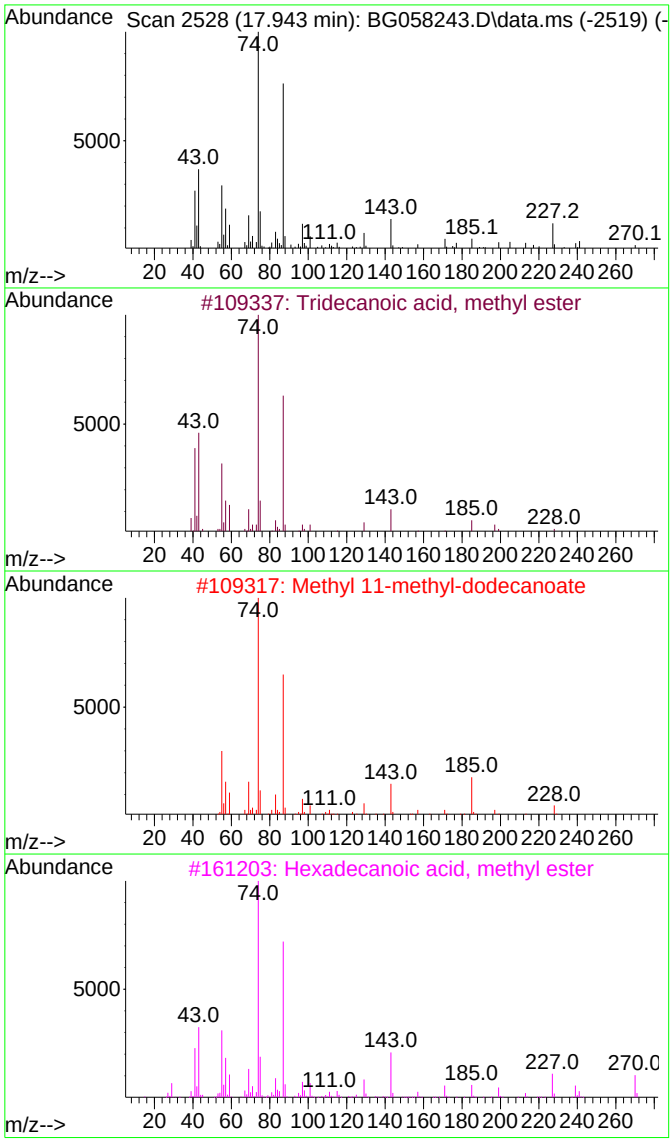
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

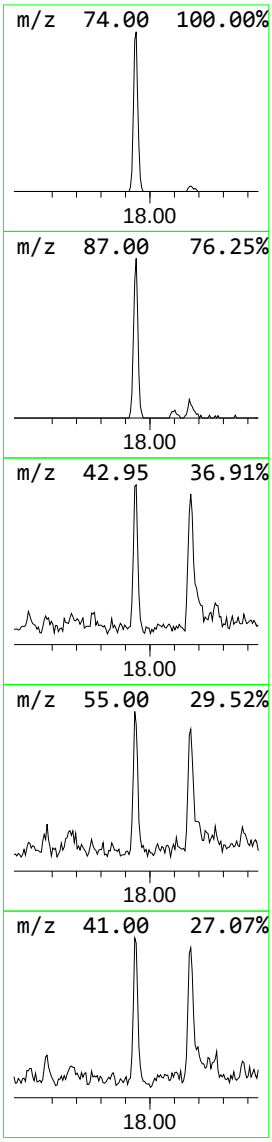
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Tridecanoic acid, methyl ester Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.943	2.00 ng/ul	108513	Phenanthrene-d10	17.285

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
2	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

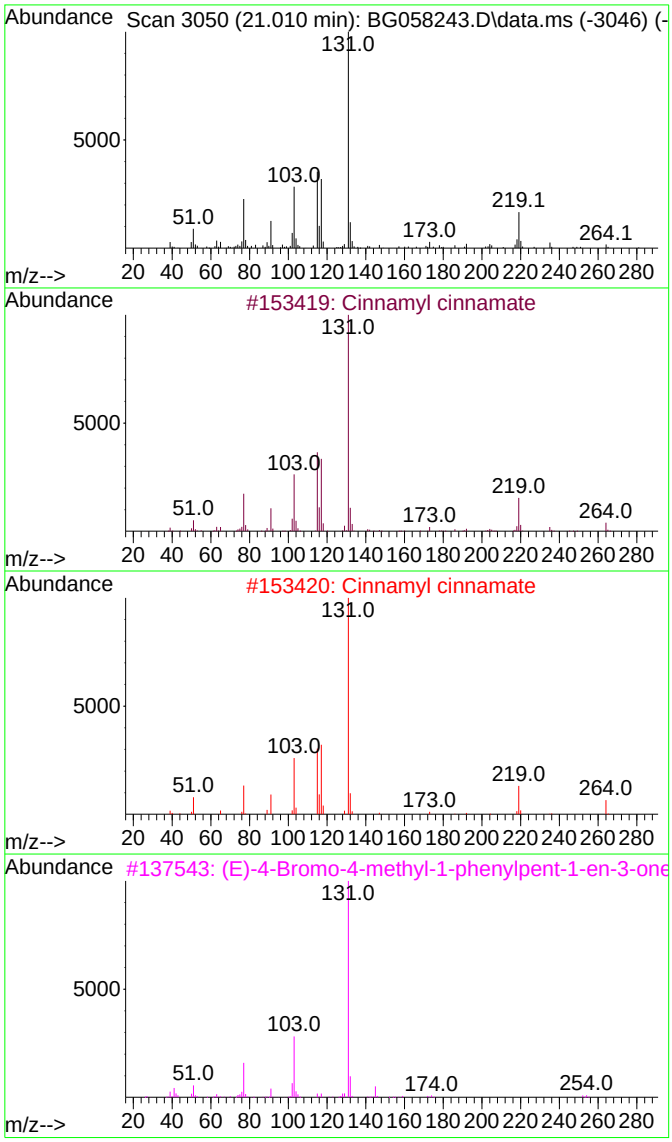
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

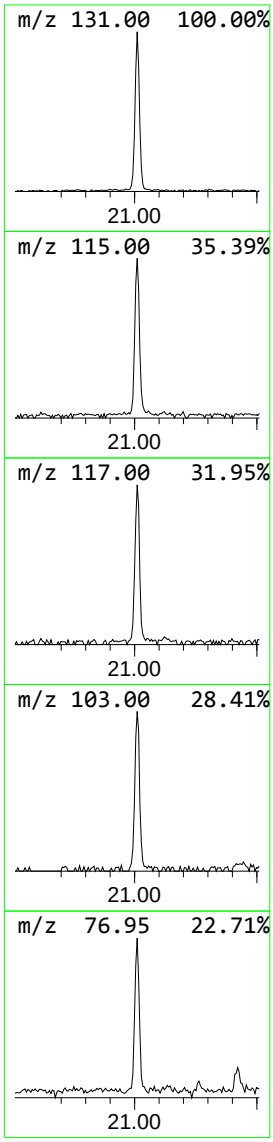
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cinnamyl cinnamate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	2.51 ng/ul	146785	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	90
2	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
3	(E)-4-Bromo-4-methyl-1-phenylpen...	252	C12H13BrO	1000443-02-8	53
4	2,4,5-Trichlorophenyl cinnamate	326	C15H9Cl3O2	1010242-39-6	50
5	2-Propenoic acid, 3-phenyl-, 4-m...	238	C16H14O2	010519-07-0	50





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Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

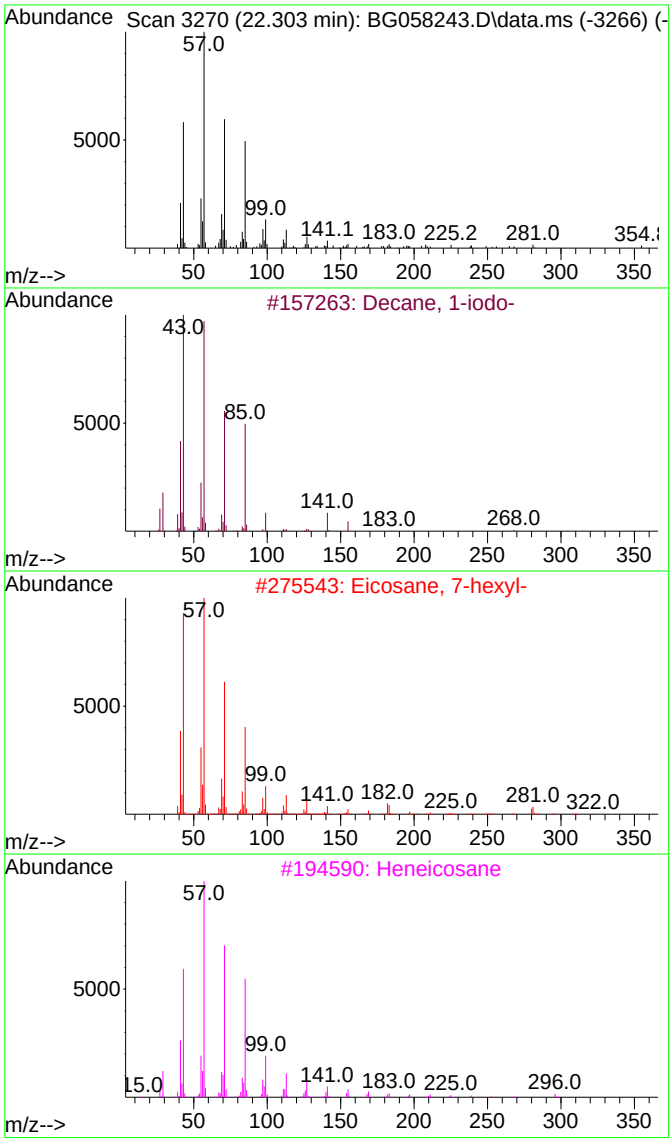
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

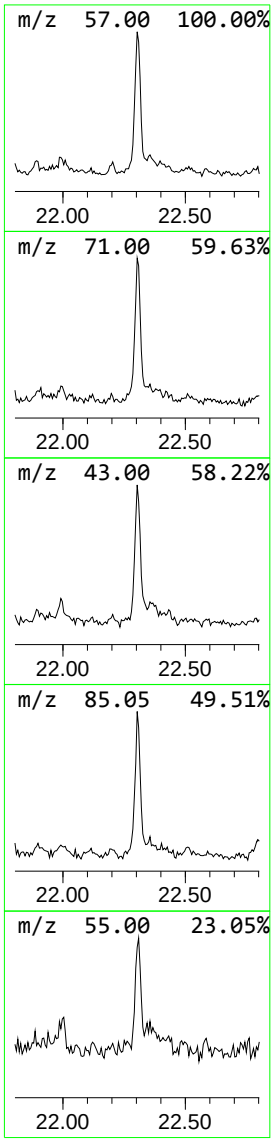
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Decane, 1-iodo- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.303	2.27 ng/ul	132377	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Heptacosane	380	C27H56	000593-49-7	76
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70





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Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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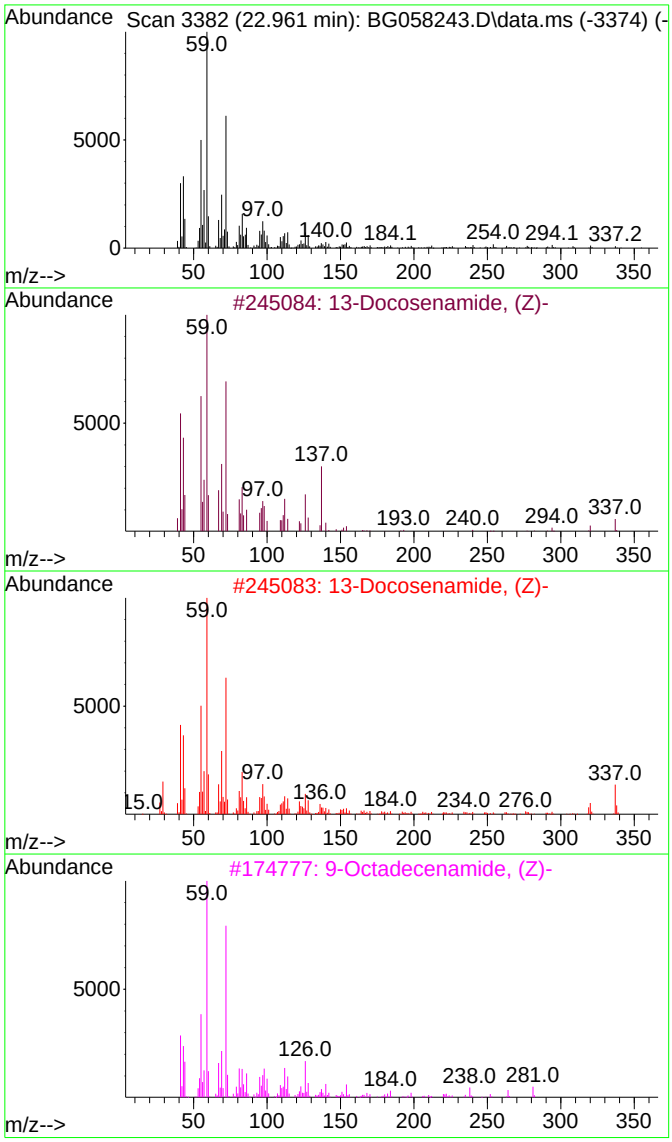
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

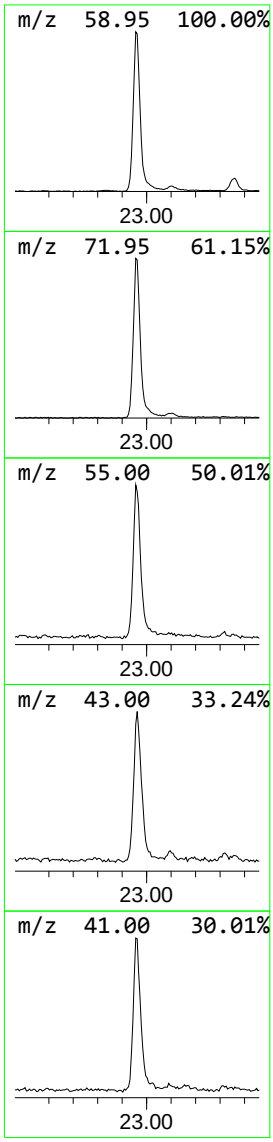
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.961	18.76 ng/ul	1095630	Chrysene-d12	21.533

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	87
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5	Palmitoleamide	253	C16H31NO	106010-22-4	72





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Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

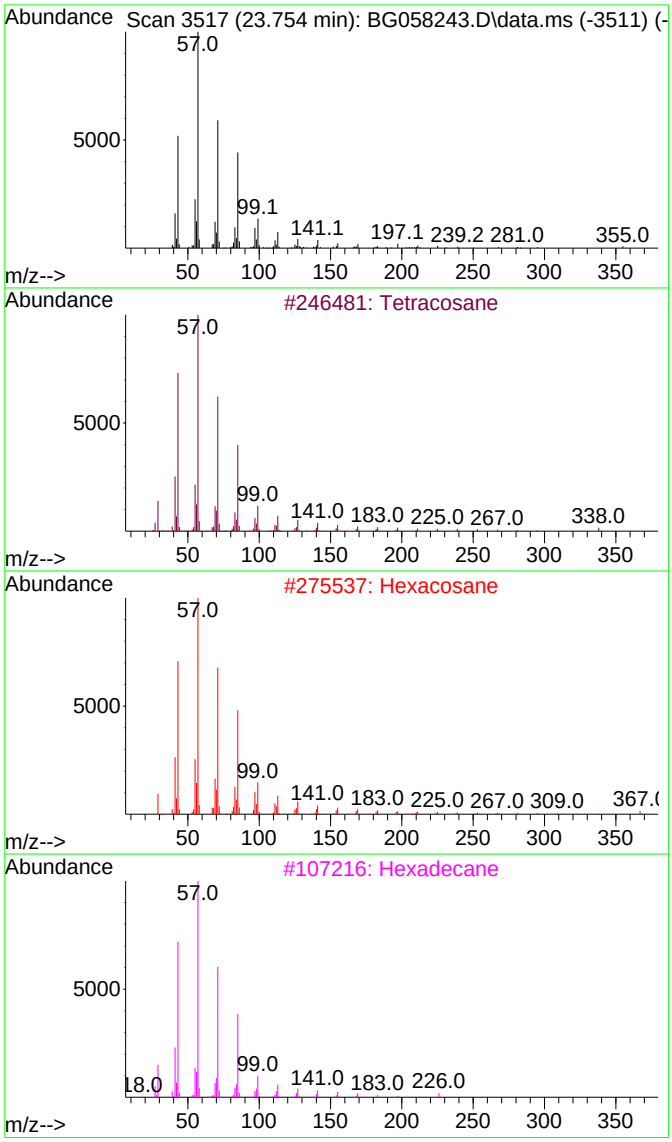
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

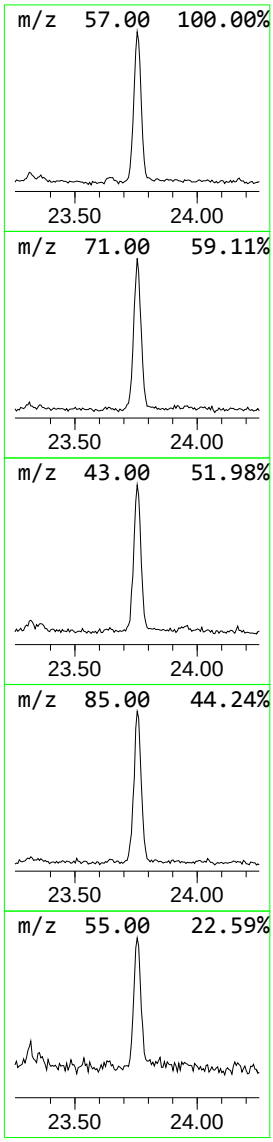
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.754	4.43 ng/ul	306573	Perylene-d12	24.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	83





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

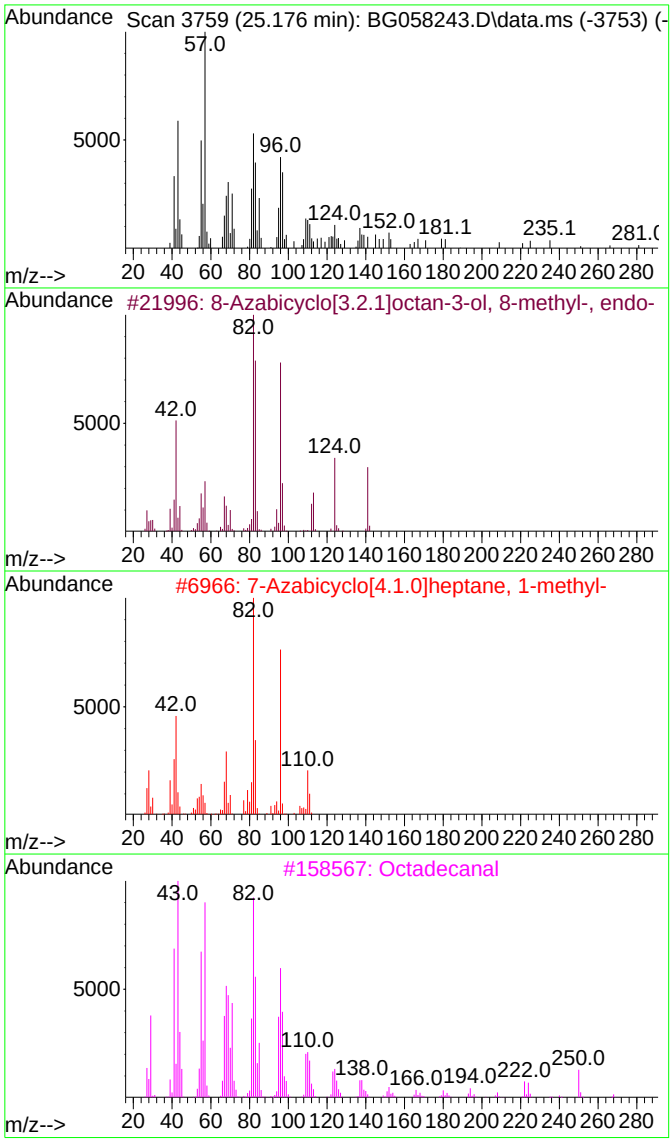
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

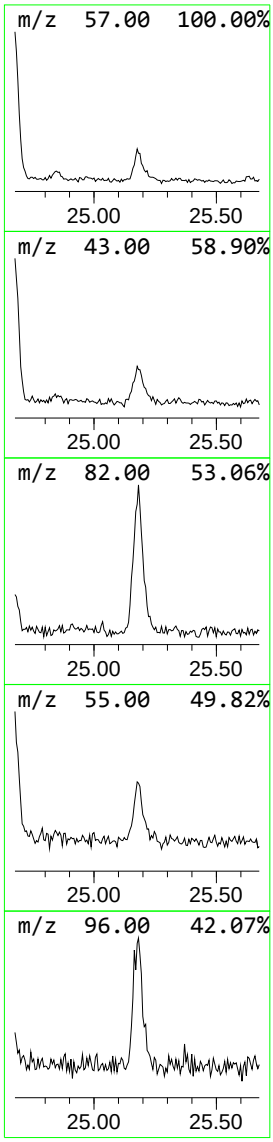
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 8-Azabicyclo[3.2.1]octan-3-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.176	2.04 ng/ul	141056	Perylene-d12	24.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	52
2	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	49
3	Octadecanal	268	C18H36O	000638-66-4	49
4	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	49
5	Octanenitrile	125	C8H15N	000124-12-9	46





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46J6

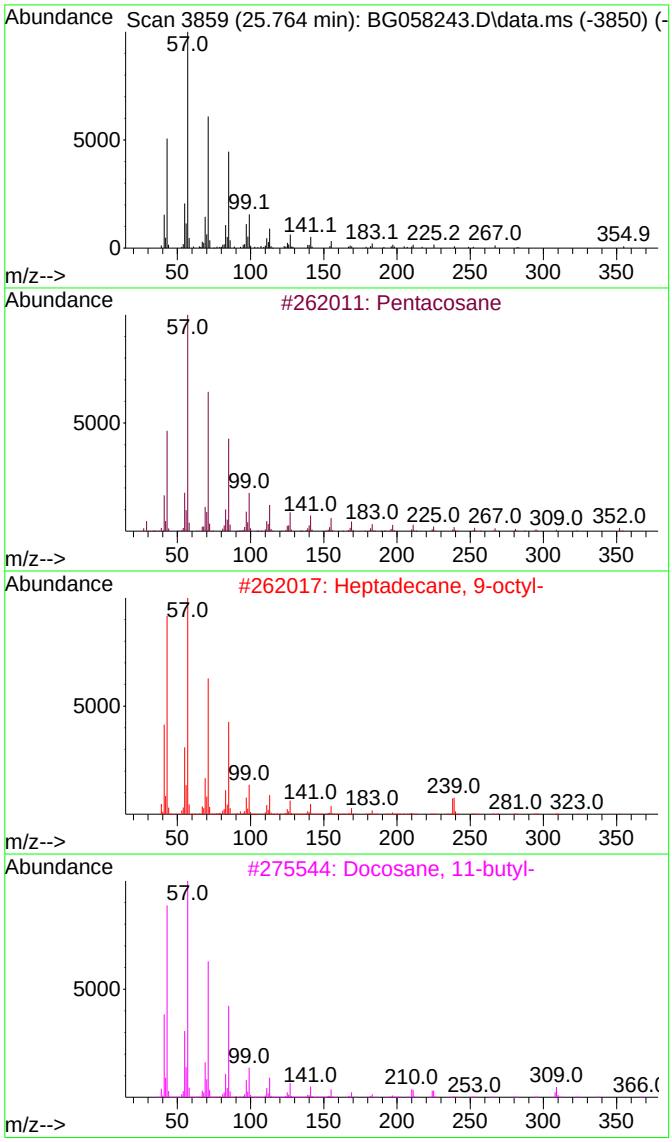
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

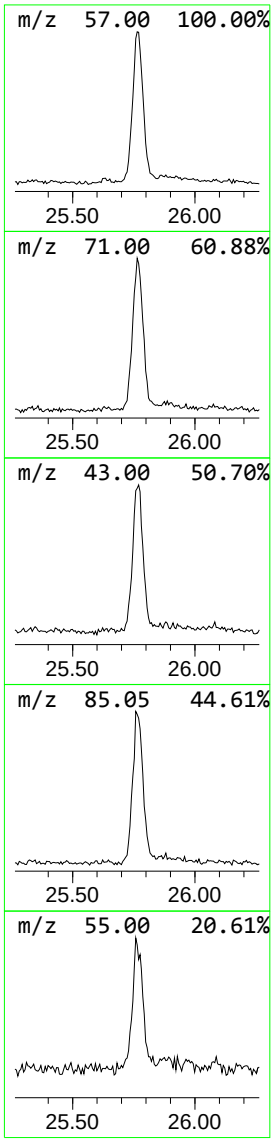
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.764	5.52 ng/ul	381531	Perylene-d12	24.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	4-Methylheneicosane	310	C22H46	025117-29-7	91





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Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

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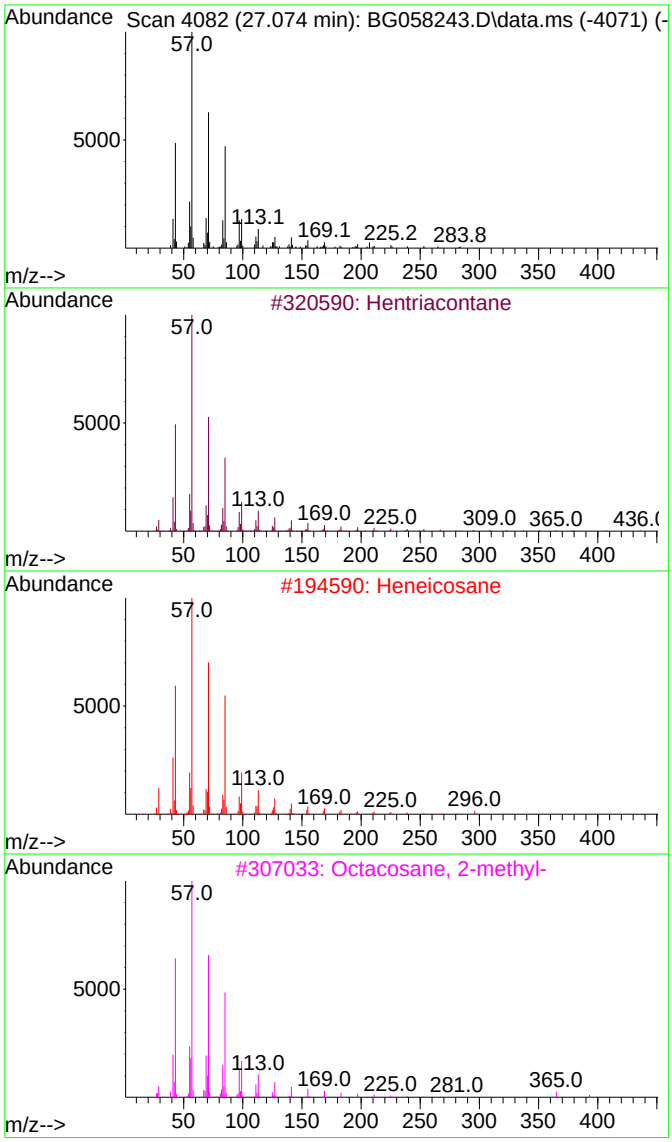
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

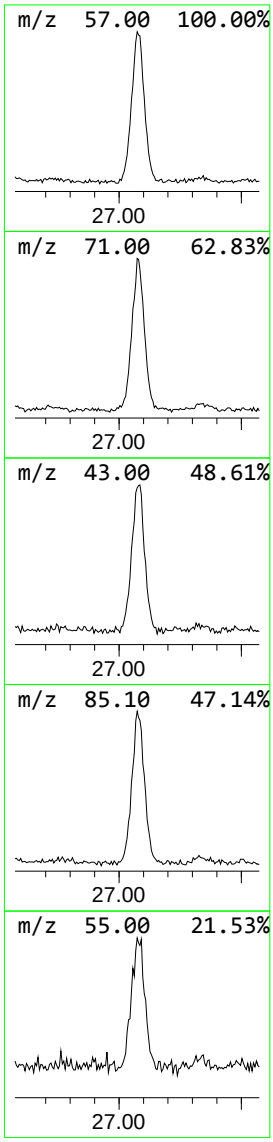
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.074	5.47 ng/ul	378525	Perylene-d12	24.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

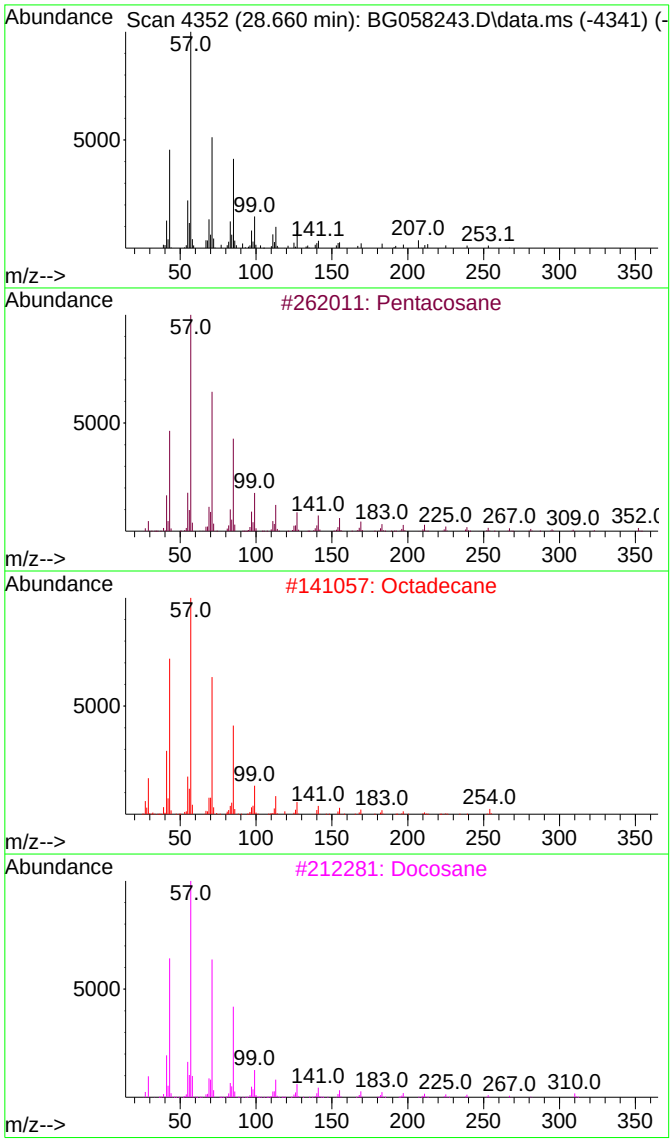
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

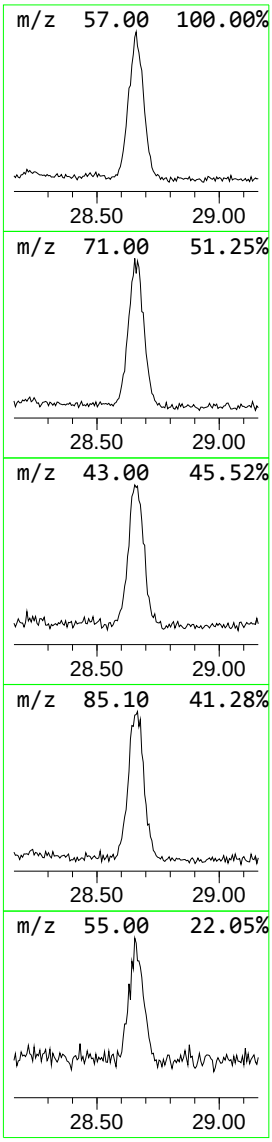
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.660	4.86 ng/ul	335915	Perylene-d12	24.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Docosane	310	C22H46	000629-97-0	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058243.D
Acq On : 15 Jul 2023 00:50
Operator : CG/JU
Sample : 03418-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J6

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
Cyclohexene	3.155	702.3	ng/ul	11966200	1	7.902	340787	20.0
1,4-Pentadiene	4.342	3.8	ng/ul	64773	1	7.902	340787	20.0
Tetrachloroethy...	4.624	5.0	ng/ul	85846	1	7.902	340787	20.0
7-Oxabicyclo[4....	5.358	5.5	ng/ul	94138	1	7.902	340787	20.0
Benzene, 1,3-di...	5.540	5.5	ng/ul	93798	1	7.902	340787	20.0
2-Cyclohexen-1-ol	5.799	48.0	ng/ul	817643	1	7.902	340787	20.0
Cyclohexene, 3-...	6.181	8.9	ng/ul	151292	1	7.902	340787	20.0
2-Cyclohexen-1-one	6.527	75.8	ng/ul	1291700	1	7.902	340787	20.0
Cyclohexanone, ...	7.614	2.2	ng/ul	36867	1	7.902	340787	20.0
7-Oxabicyclo[4....	7.979	5.7	ng/ul	96337	1	7.902	340787	20.0
unknown-01	8.078	8.6	ng/ul	146838	1	7.902	340787	20.0
unknown-02	8.155	11.0	ng/ul	188082	1	7.902	340787	20.0
2-Chlorocyclohe...	8.225	167.3	ng/ul	2851030	1	7.902	340787	20.0
1,2-Cyclohexane...	8.660	4.6	ng/ul	79022	1	7.902	340787	20.0
Cyclohexane, 1,...	8.895	8.6	ng/ul	147068	1	7.902	340787	20.0
unknown-03	8.930	3.0	ng/ul	50547	1	7.902	340787	20.0
unknown-04	9.195	4.5	ng/ul	77609	1	7.902	340787	20.0
(DEL) Alkane: C...	14.171	3.5	ng/ul	146119	3	14.541	834192	20.0
Tridecanoic aci...	17.943	2.0	ng/ul	108513	4	17.285	1083890	20.0
Cinnamyl cinnamate	21.010	2.5	ng/ul	146785	5	21.533	1168260	20.0
Decane, 1-iodo-	22.303	2.3	ng/ul	132377	5	21.533	1168260	20.0
13-Docosenamide...	22.961	18.8	ng/ul	1095630	5	21.533	1168260	20.0
(DEL) Alkane: S...	23.754	4.4	ng/ul	306573	6	24.677	1383110	20.0
8-Azabicyclo[3....	25.176	2.0	ng/ul	141056	6	24.677	1383110	20.0
(DEL) Alkane: S...	25.764	5.5	ng/ul	381531	6	24.677	1383110	20.0
(DEL) Alkane: S...	27.074	5.5	ng/ul	378525	6	24.677	1383110	20.0
(DEL) Alkane: S...	28.660	4.9	ng/ul	335915	6	24.677	1383110	20.0