LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

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: BG058280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.156	5	11	48	rVB	4364576	9397471	100.00%	37.319%
2	3.761	109	114	124	rVB2	19859	39171	0.42%	0.156%
3	4.337	207	212	220	rVB5	21725	38263	0.41%	0.152%
4	4.619	255	260	271	rVB2	31723	53613	0.57%	0.213%
5	5.359	379	386	392	rBV2	34627	60200	0.64%	0.239%
6	5.547	411	418	428	rBV3	24434	61612	0.66%	0.245%
7	5.800	451	461	466	rBV	254858	493813	5.25%	1.961%
8	5.912	475	480	484	rBV4	9573	16349	0.17%	0.065%
9	6.182	519	526	535	rBV	56262	100043	1.06%	0.397%
10	6.523	577	584	597	rBV	488346	854870	9.10%	3.395%
11	7.063	667	676	686	rBV	71455	143454	1.53%	0.570%
12	7.228	696	704	715	rBV	56097	97126	1.03%	0.386%
13	7.433	733	739	750	rBV2	68272	147745	1.57%	0.587%
14	7.616	765	770	774	rBV	13421	25140	0.27%	0.100%
15	7.898	809	818	825	rBV	159014	283857	3.02%	1.127%
16	7.974	825	831	836	rVV2	36257	65040	0.69%	0.258%
17	8.021	836	839	842	rVV4	6648	11065	0.12%	0.044%
18	8.074	842	848	854	rVV3	47843	96570	1.03%	0.383%
19	8.150	854	861	866	rVV2	67023	125647	1.34%	0.499%
20	8.221	866	873	886	rVV	1045576	1858961	19.78%	7.382%
21	8.326	886	891	895	rVB4	7113	12726	0.14%	0.051%
22	8.538	923	927	930	rVV3	6668	11005	0.12%	0.044%
23	8.603	930	938	944	rVV2	44290	98869	1.05%	0.393%
24	8.661	944	948	953	rVV2	20286	36380	0.39%	0.144%
25	8.726	953	959	966	rVB4	27905	58034	0.62%	0.230%
26	8.896	982	988	999	rVB2	55529	118507	1.26%	0.471%
27	9.061	1009	1016	1022	rBV2	71606	131097	1.40%	0.521%
28	9.149	1028	1031	1035	rBV4	6407	11090	0.12%	0.044%
29	9.196	1035	1039	1048	rVB2	23798	44618	0.47%	0.177%
30	9.502	1085	1091	1101	rVV7	6789	22511	0.24%	0.089%
31	9.731	1124	1130	1133	rBV4	5890	11908	0.13%	0.047%
32	9.784	1133	1139	1146	rVB2	56066	106609	1.13%	0.423%
33	9.948	1161	1167	1173	rBV6	8039	16881	0.18%	0.067%
34	10.324	1222	1231	1244	rBV	89770	185641	1.98%	0.737%
35	10.547	1260	1269	1277	rBV5	5695	16555	0.18%	0.066%
36	10.700	1284	1295	1302	rBV	265947	500018	5.32%	1.986%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46J4

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	10.841	1310	1319	1329	rBV2	28943	58786	0.63%	0.233%
38	11.247	1381	1388	1395	rVB7	5872	12671	0.13%	0.050%
39	11.411	1410	1416	1421	rBV4	6237	11681	0.12%	0.046%
40	11.511	1427	1433	1441	rVB7	7445	16111	0.17%	0.064%
41	12.657	1623	1628	1632	rBV	18726	28059	0.30%	0.111%
42	12.757	1639	1645	1648	rBV2	9464	17113	0.18%	0.068%
43	12.786	1648	1650	1657	rVB2	9619	11967	0.13%	0.048%
44	13.350	1740	1746	1751	rBV	12877	20440	0.22%	0.081%
45	13.420	1753	1758	1765	rVB3	7842	14737	0.16%	0.059%
46	13.938	1840	1846	1852	rBV	186698	270059	2.87%	1.072%
47	14.173	1875	1886	1891	rBV3	30950	66920	0.71%	0.266%
48	14.231	1891	1896	1909	rVB	211330	352817	3.75%	1.401%
49	14.537	1942	1948	1956	rVB	458795	717777	7.64%	2.850%
50	14.742	1976	1983	1997	rBV2	34802	93158	0.99%	0.370%
51	14.883	2002	2007	2012	rVV5	16659	31776	0.34%	0.126%
52	15.530	2110	2117	2125	rVB	279502	433719	4.62%	1.722%
53	15.647	2131	2137	2147	rVB3	43682	78298	0.83%	0.311%
54	15.888	2169	2178	2184	rBV	21935	38696	0.41%	0.154%
55	16.076	2205	2210	2216	rBV6	8631	23876	0.25%	0.095%
56	16.188	2224	2229	2233	rVB6	7814	12548	0.13%	0.050%
57	16.969	2358	2362	2369	rVV3	22786	33636	0.36%	0.134%
58	17.281	2409	2415	2426	rBV	575885	906512	9.65%	3.600%
59	17.381	2426	2432	2441	rVB2	233787	360549	3.84%	1.432%
60	17.939	2522	2527	2534	rVB	44689	58110	0.62%	0.231%
61	18.168	2559	2566	2569	rBV3	25532	39026	0.42%	0.155%
62	18.661	2646	2650	2655	rVB4	14378	19339	0.21%	0.077%
63	18.720	2655	2660	2662	rVV	9792	13467	0.14%	0.053%
64	18.973	2699	2703	2707	rVV4	14140	18123	0.19%	0.072%
65	19.084	2716	2722	2723	rBV3	9566	13952	0.15%	0.055%
66	19.114	2723	2727	2730	rVV	43552	53072	0.56%	0.211%
67	19.243	2745	2749	2756	rVB3	15524	22744	0.24%	0.090%
68	19.337	2756	2765	2770	rVB2	25997	54094	0.58%	0.215%
69	19.443	2779	2783	2786	rBV4	10929	17173	0.18%	0.068%
70	19.590	2804	2808	2814	rVB6	13305	18436	0.20%	0.073%
71	19.672	2814	2822	2834	rBV	401479	624563	6.65%	2.480%
72	19.772	2835	2839	2843	rVB7	8287	12098	0.13%	0.048%
73	19.895	2857	2860	2865	rVB2	13286	18994	0.20%	0.075%
74	20.060	2885	2888	2893	rVB4	9615	12939	0.14%	0.051%
75	20.136	2893	2901	2905	rBV7	16372	28422	0.30%	0.113%
76	20.195	2908	2911	2915	rVB3	16708	21336	0.23%	0.085%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

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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Peak separation: 5

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

77	20.624	2982	2984	2986	rBV2	11633	13563	0.14%	0.054%
78	20.647	2986	2988	2991	rVV3	15643	14023	0.15%	0.056%
79	20.688	2992	2995	2999	rVV4	19382	26869	0.29%	0.107%
80	20.912	3029	3033	3037	rBV2	11982	15495	0.16%	0.062%
81	20.988	3043	3046	3050	rBV2	11809	16050	0.17%	0.064%
82	21.182	3073	3079	3082	rBV4	23119	37391	0.40%	0.148%
83	21.211	3082	3084	3091	rVB7	14179	23477	0.25%	0.093%
84	21.417	3114	3119	3124	rVB	86568	114849	1.22%	0.456%
85	21.535	3132	3139	3153	rVB	568556	970961	10.33%	3.856%
86	21.646	3155	3158	3162	rBV5	13497	17663	0.19%	0.070%
87	21.952	3206	3210	3214	rBV5	17075	27771	0.30%	0.110%
88	22.304	3265	3270	3274	rBV2	65935	102483	1.09%	0.407%
89	22.956	3374	3381	3394	rBV2	253639	560968	5.97%	2.228%
90	23.086	3401	3403	3411	rVB8	11633	17091	0.18%	0.068%
91	23.309	3436	3441	3447	rBV2	45968	88739	0.94%	0.352%
92	23.750	3509	3516	3526	rVB	148785	325489	3.46%	1.293%
93	24.455	3627	3636	3647	rBV	154281	409866	4.36%	1.628%
94	24.672	3661	3673	3687	rBV	376642	1146050	12.20%	4.551%
95	25.177	3750	3759	3773	rBV3	98627	277294	2.95%	1.101%
96	25.765	3849	3859	3870	rBV2	131754	404070	4.30%	1.605%
97	27.069	4072	4081	4093	rVB4	41176	140379	1.49%	0.557%
98	27.839	4202	4212	4226	rVB4	50411	192313	2.05%	0.764%
99	28.650	4341	4350	4363	rVB4	31139	129413	1.38%	0.514%
100	30.571	4665	4677	4691	rVB7	20005	98983	1.05%	0.393%

Sum of corrected areas: 25181503

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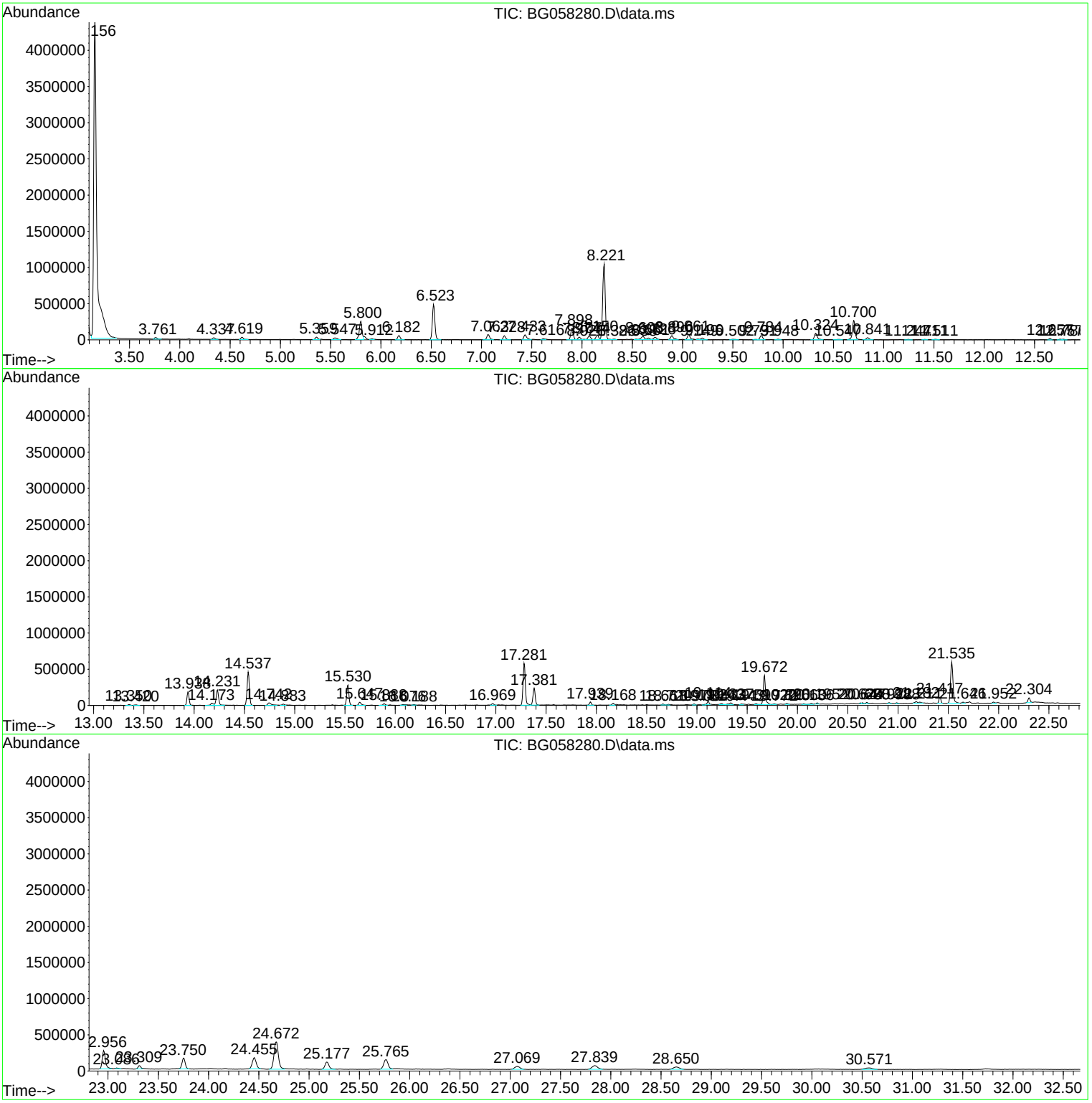
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

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 : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

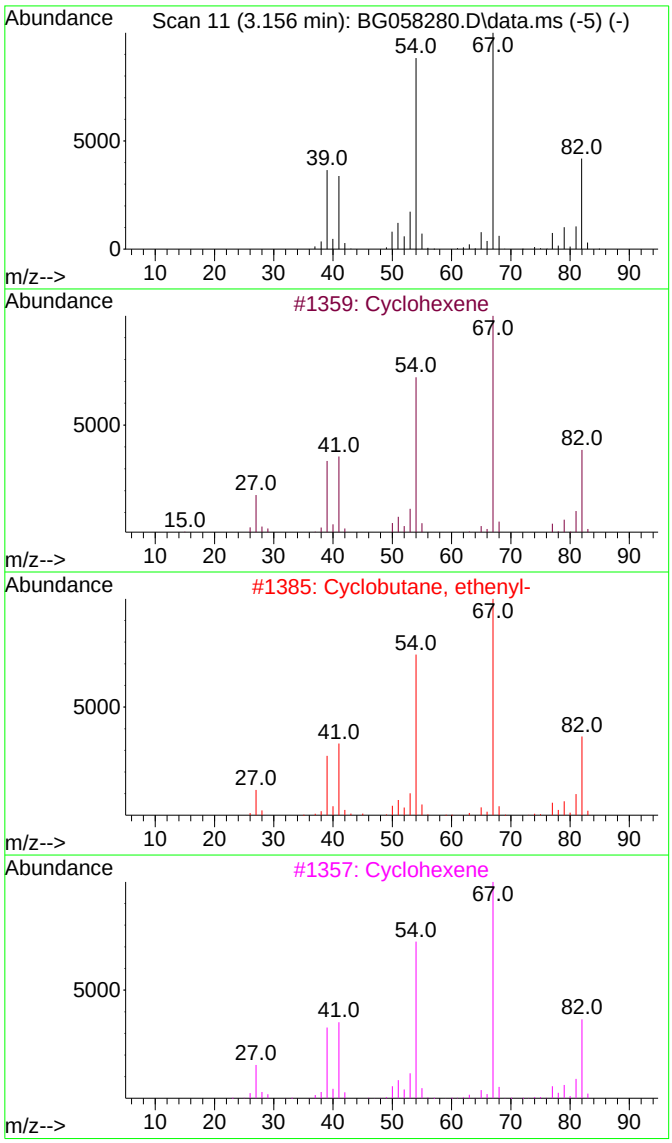
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

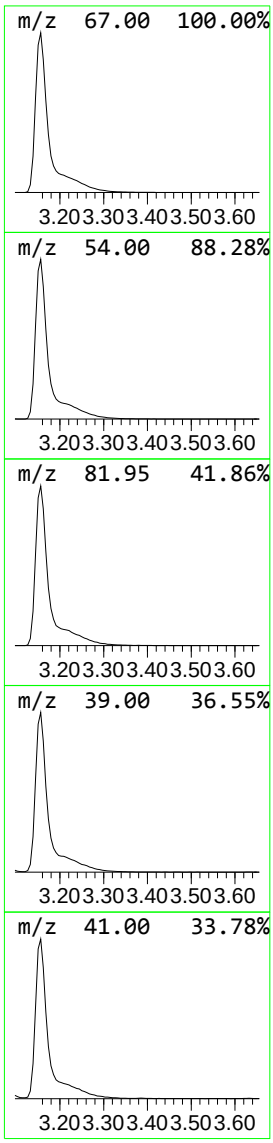
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.156	662.13 ng/ul	9397470	1,4-Dichlorobenzene-d4	7.903

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

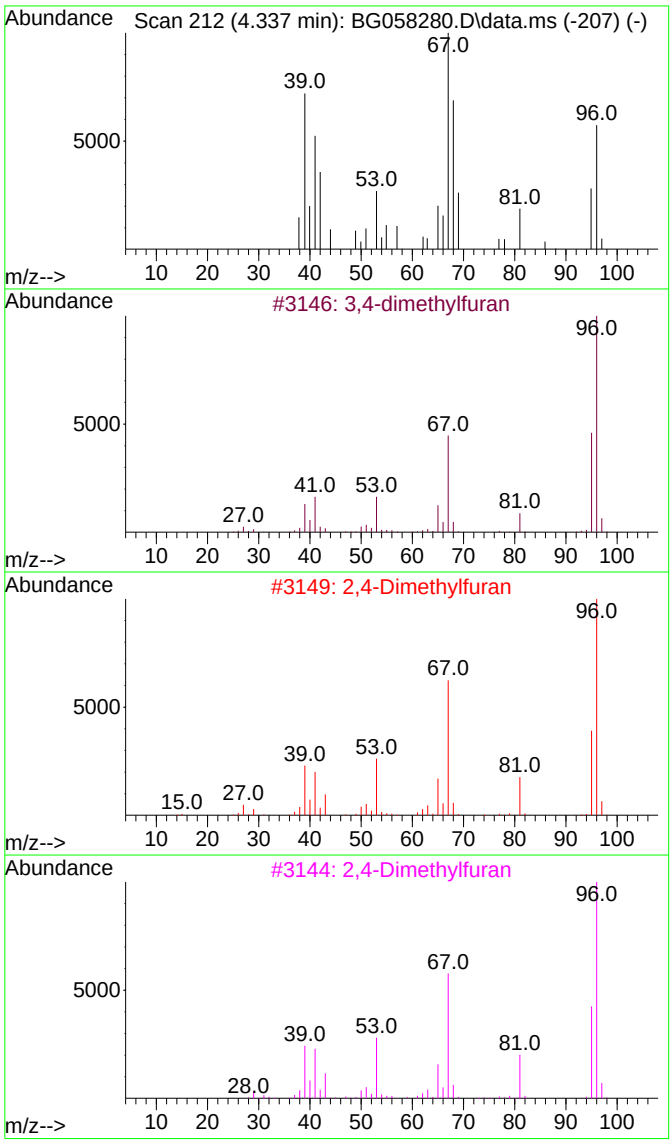
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

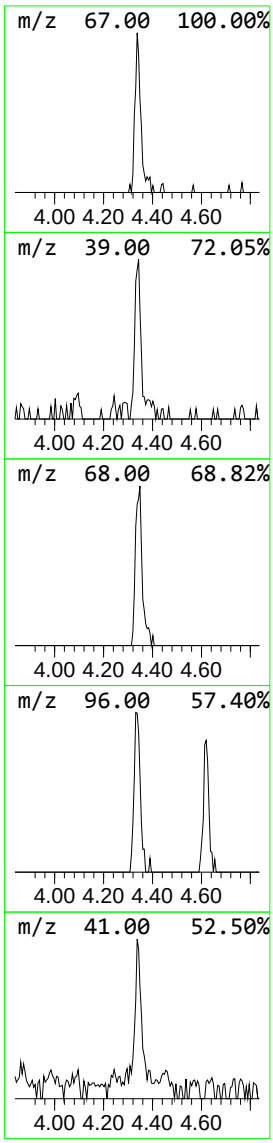
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3,4-dimethylfuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.337	2.70 ng/ul	38263	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-dimethylfuran	96	C6H8O	1000458-50-4	52
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	49
3	2,4-Dimethylfuran	96	C6H8O	003710-43-8	47
4	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	43
5	1,4-Pentadiene	68	C5H8	000591-93-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

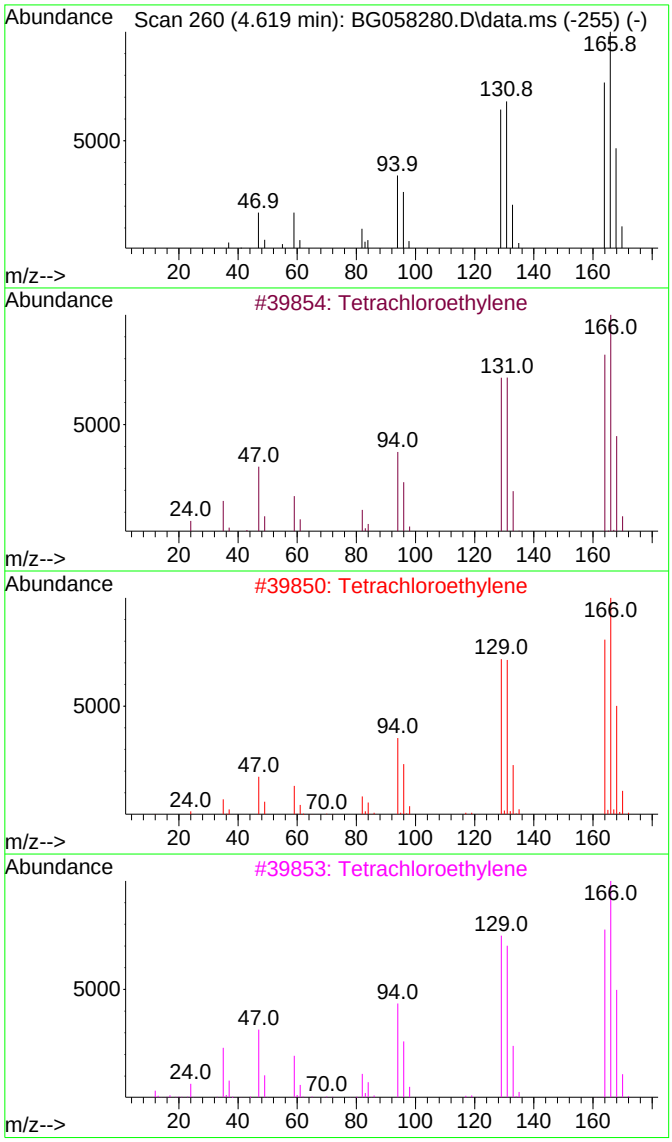
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

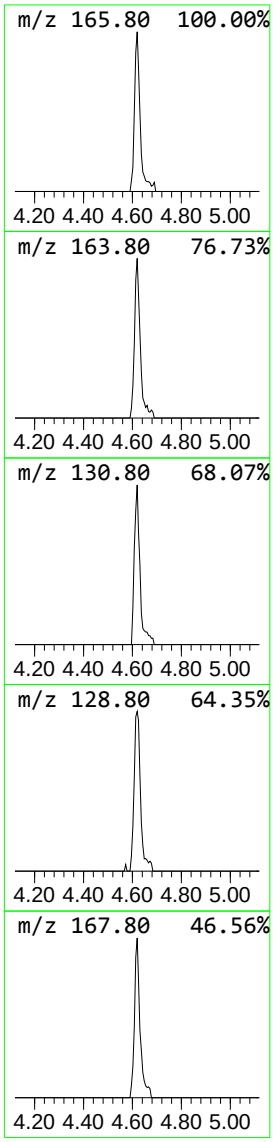
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.619	3.78 ng/ul	53613	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	46





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Operator : CG/JU
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Misc :
ALS Vial : 92 Sample Multiplier: 1

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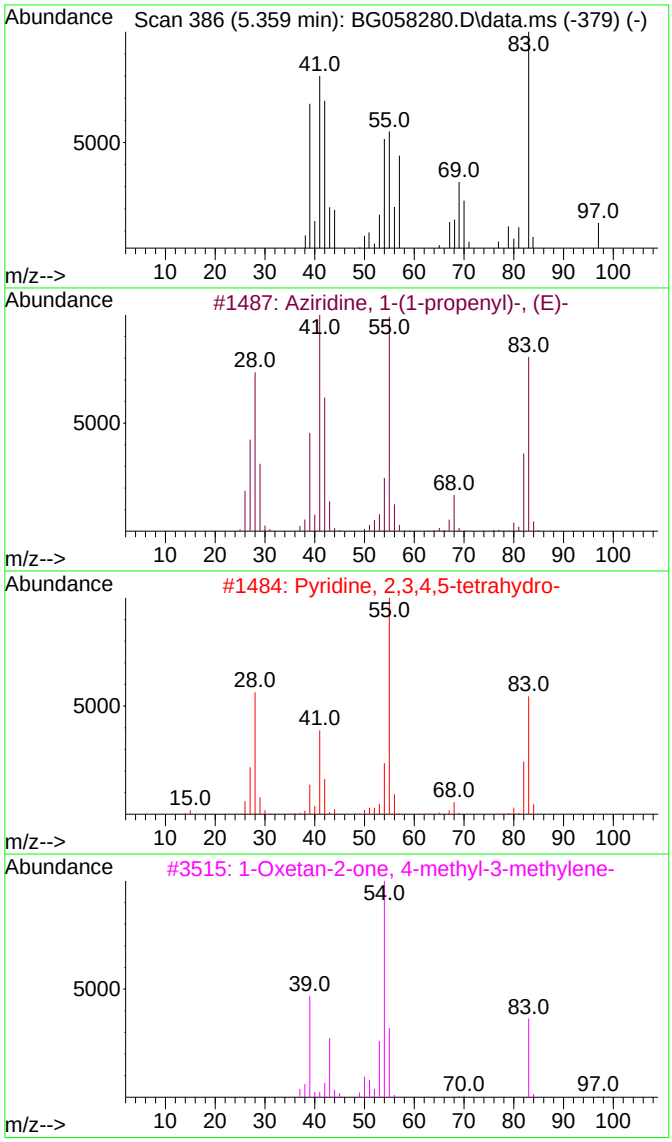
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

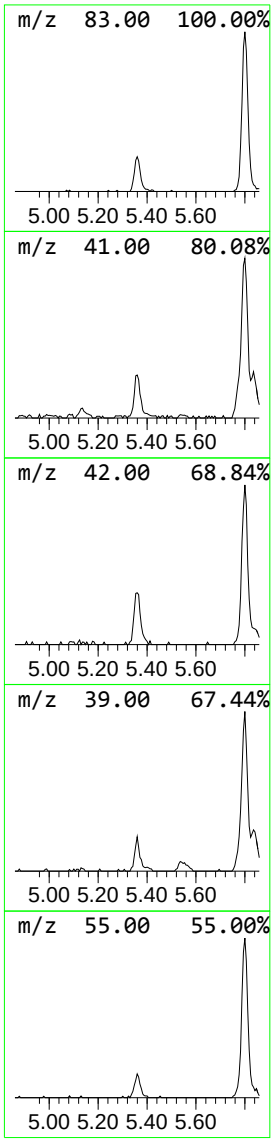
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Aziridine, 1-(1-propenyl)-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.359	4.24 ng/ul	60200	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	58
2	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	43
3	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	38
4	N-(Piperidin-3-yl)acetamide	142	C7H14N2O	005810-55-9	37
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

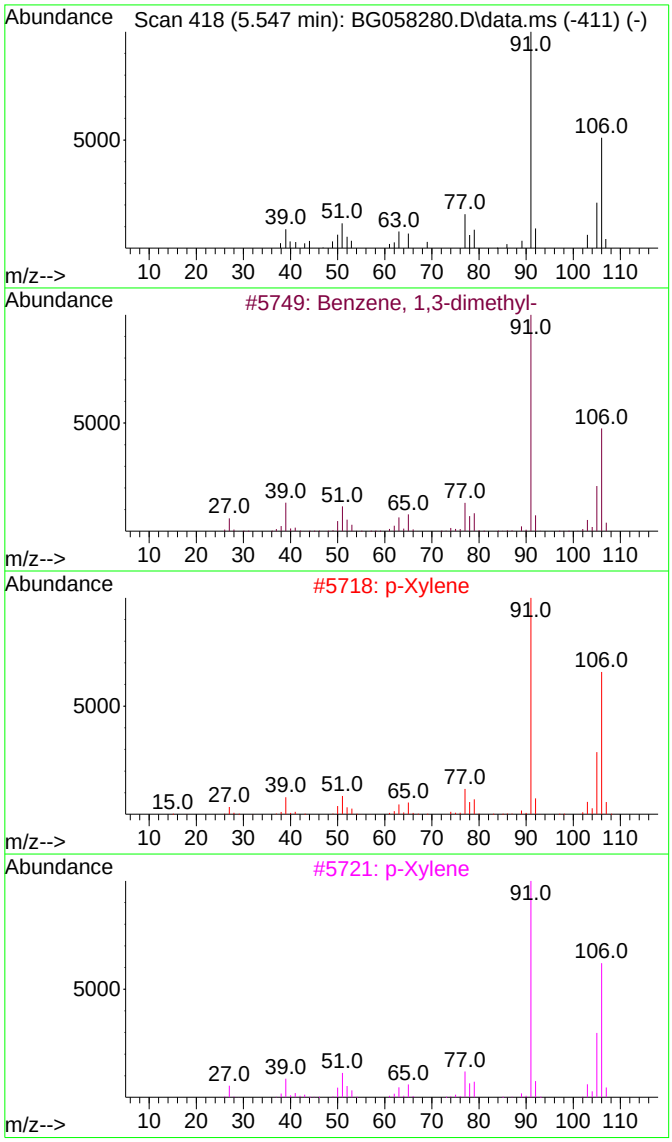
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

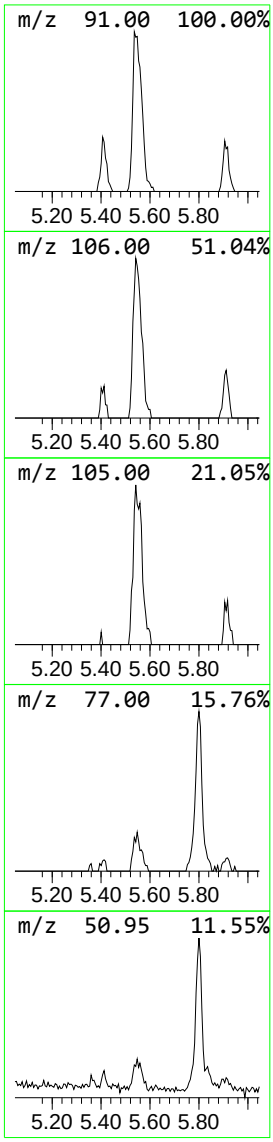
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.547	4.34 ng/ul	61612	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
5	p-Xylene	106	C8H10	000106-42-3	91





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Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

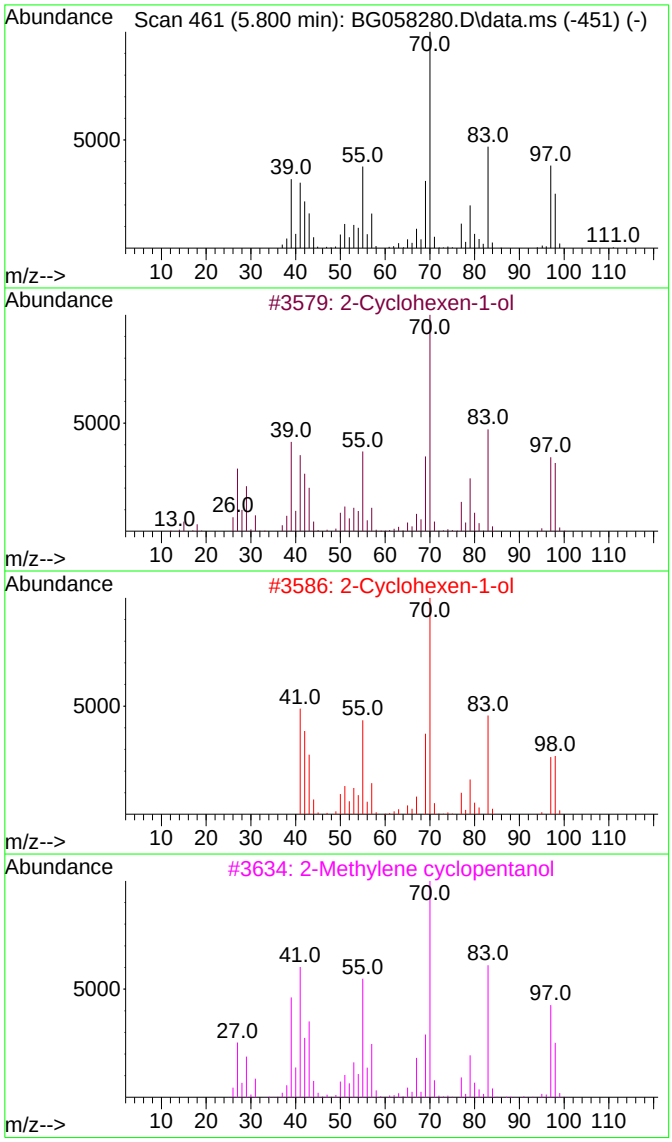
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

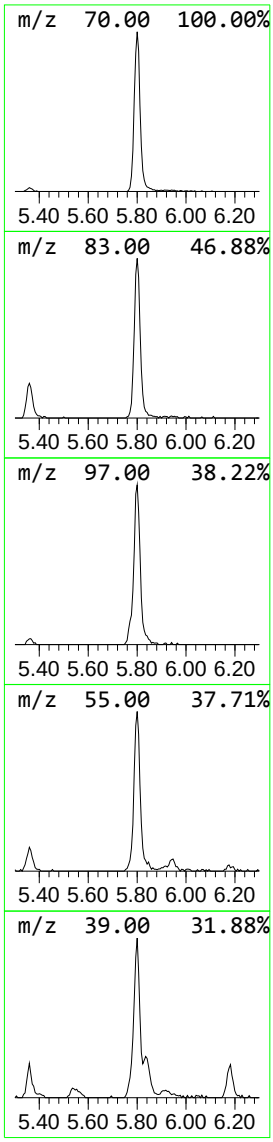
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	34.79 ng/ul	493813	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	87
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	87
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	80
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	38





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Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

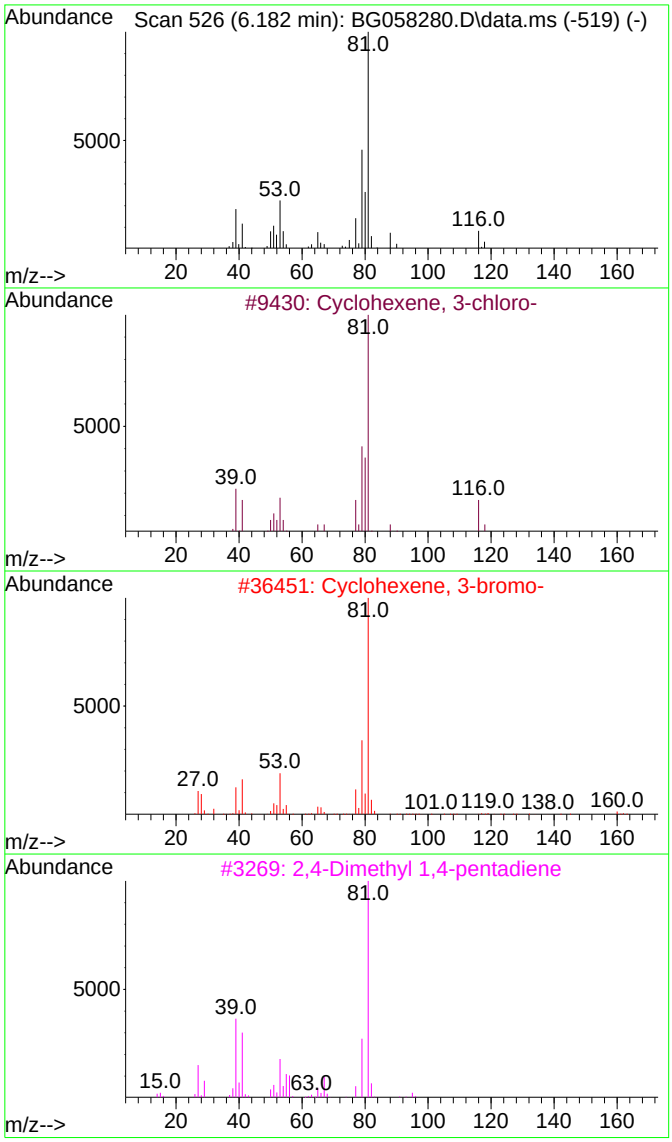
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

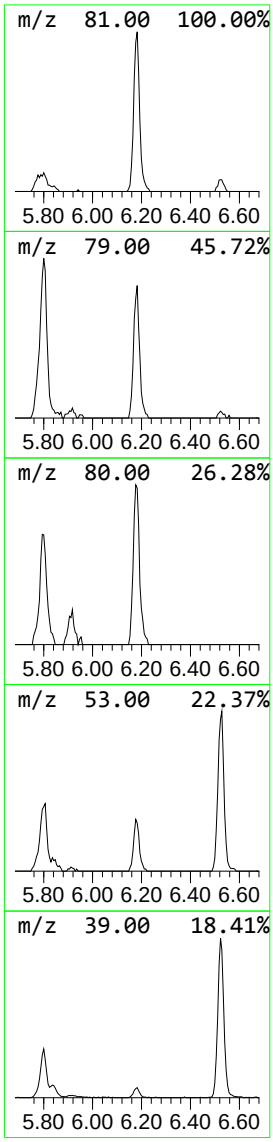
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.182	7.05 ng/ul	100043	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	74
2	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	56
3	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	53
4	Cyclohexane, 1,3-dichloro-	152	C6H10Cl2	055887-78-0	47
5	Cyclohexane, 1,4-dichloro-, cis-	152	C6H10Cl2	016749-11-4	47





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Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

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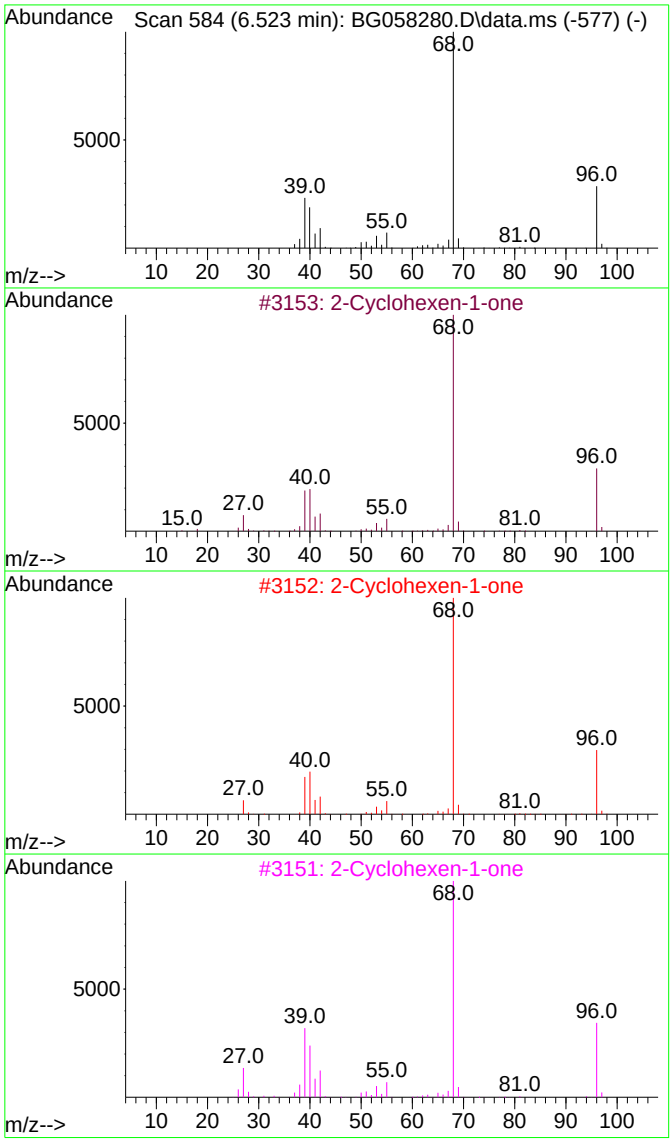
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

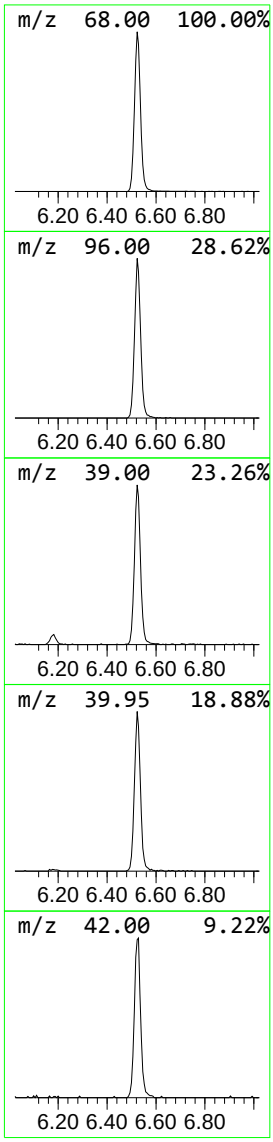
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.523	60.23 ng/ul	854870	1,4-Dichlorobenzene-d4	7.903

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	33





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Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

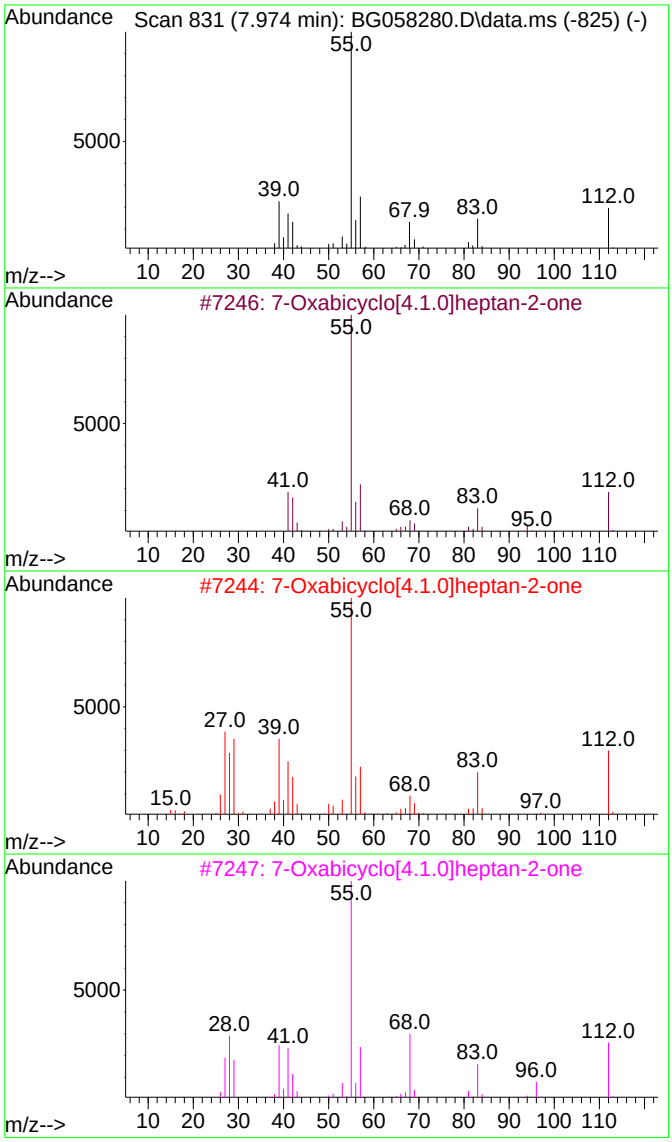
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

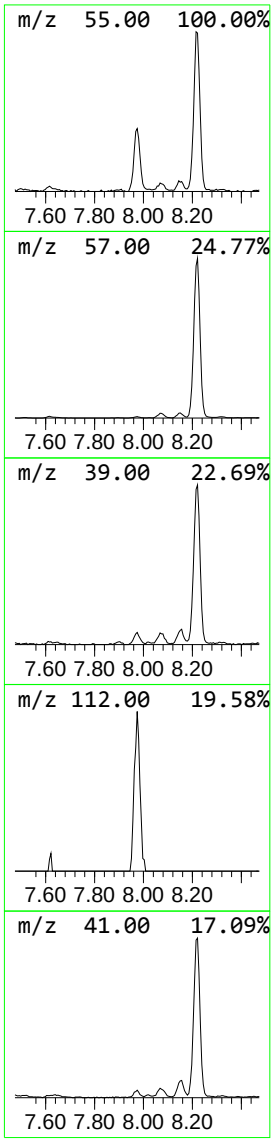
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.974	4.58 ng/ul	65040	1,4-Dichlorobenzene-d4	7.903

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	64
3	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	64
4	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	53
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	50





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Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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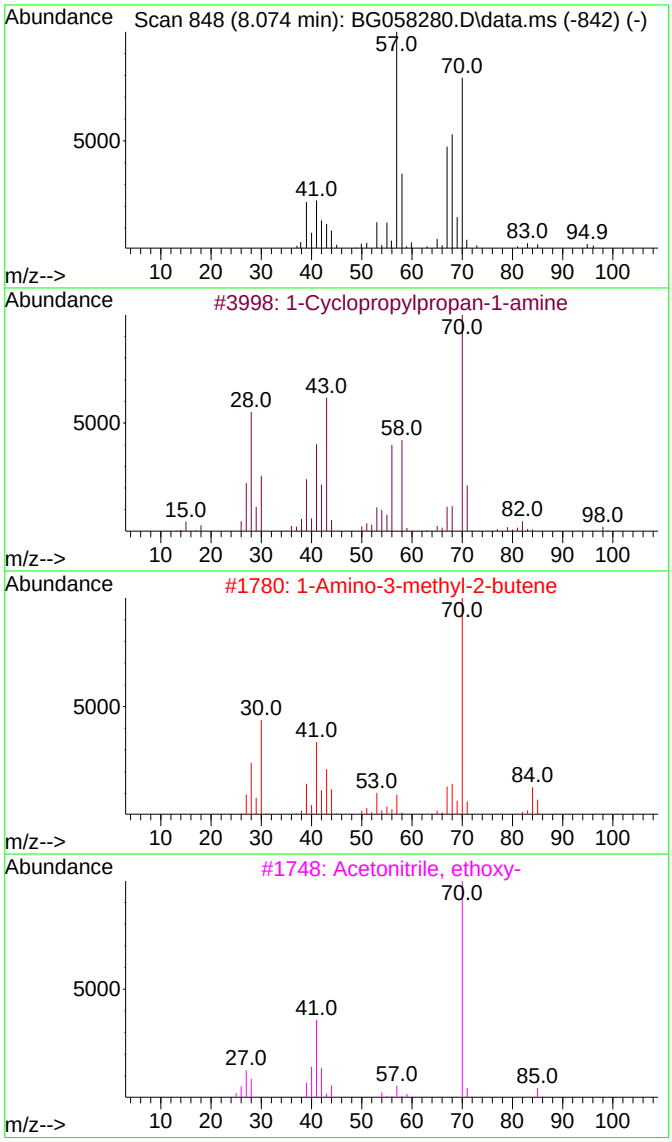
Quant Title : SVOA CALIBRATION

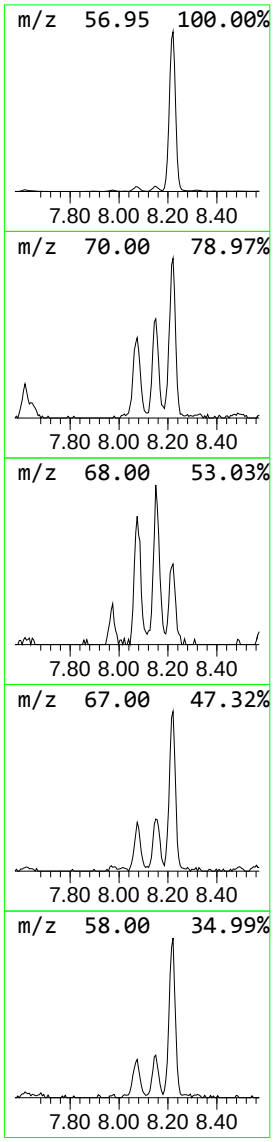
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.074	6.80 ng/ul	96570	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopropylpropan-1-amine	99	C6H13N	1000436-93-8	25
2	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	25
3	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	22
4	2,6-Cyclooctadien-1-ol	124	C8H12O	010017-18-2	17
5	2-Acetylpyrrolidine	113	C6H11NO	060026-20-2	17





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Misc :
ALS Vial : 92 Sample Multiplier: 1

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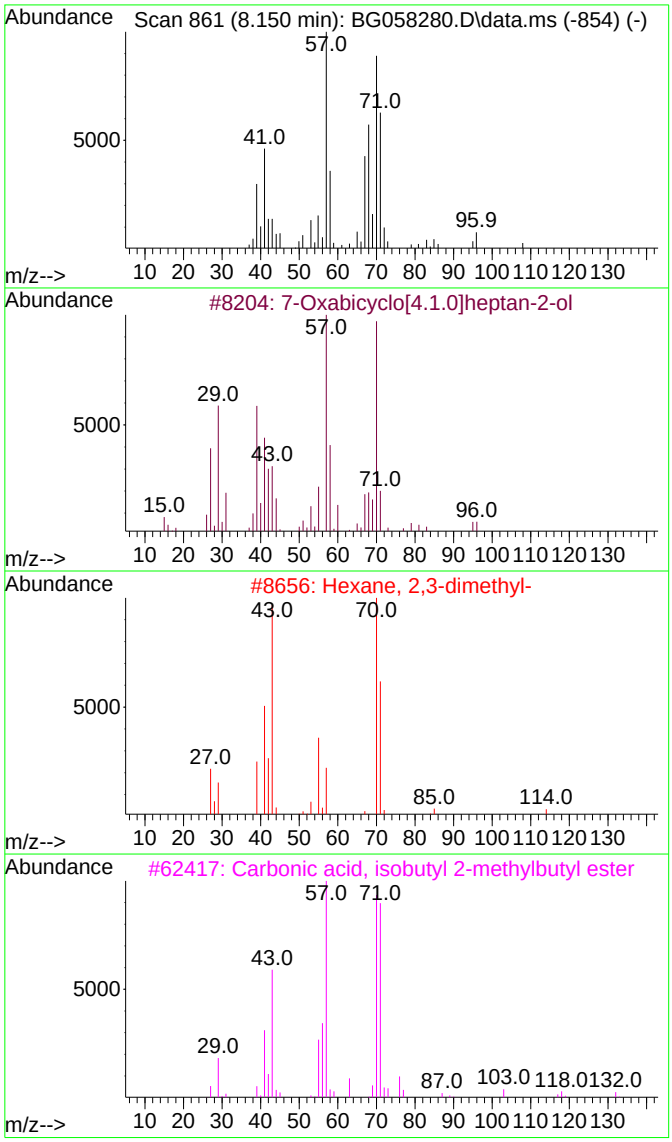
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

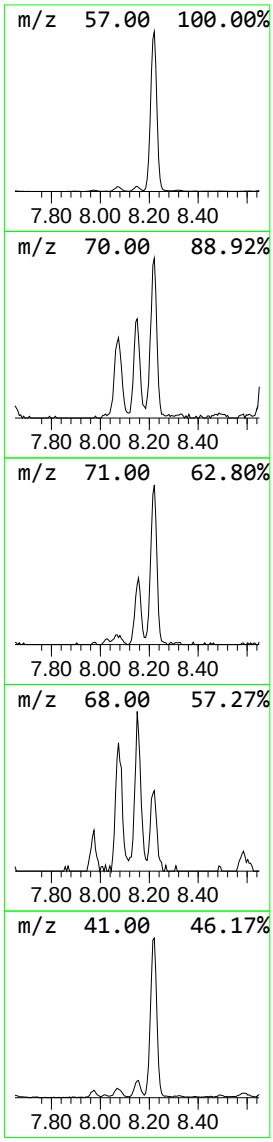
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.150	8.85 ng/ul	125647	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	47
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
3	Carbonic acid, isobutyl 2-methyl...	188	C10H20O3	1000331-39-8	32
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	23
5	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	22





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Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

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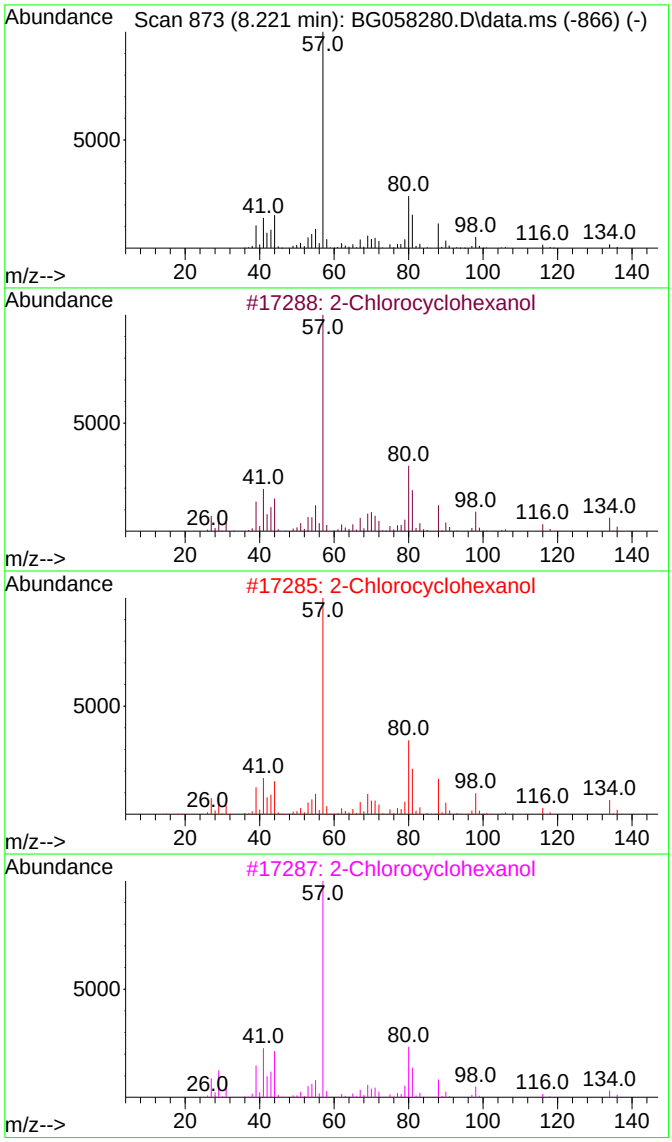
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

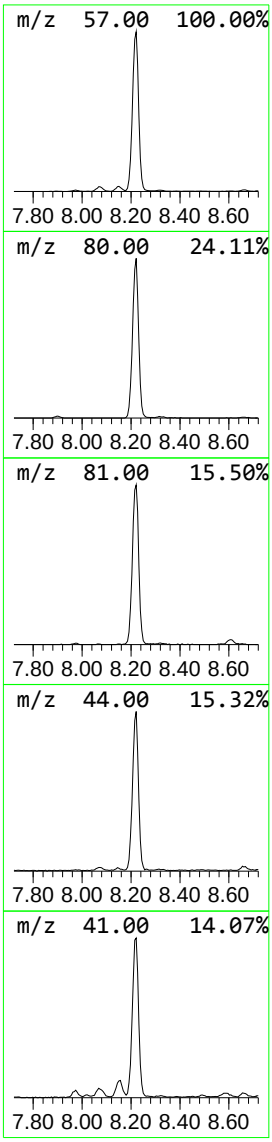
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Chlorocyclohexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.221	130.98 ng/ul	1858960	1,4-Dichlorobenzene-d4	7.903

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	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	64
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	47





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Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

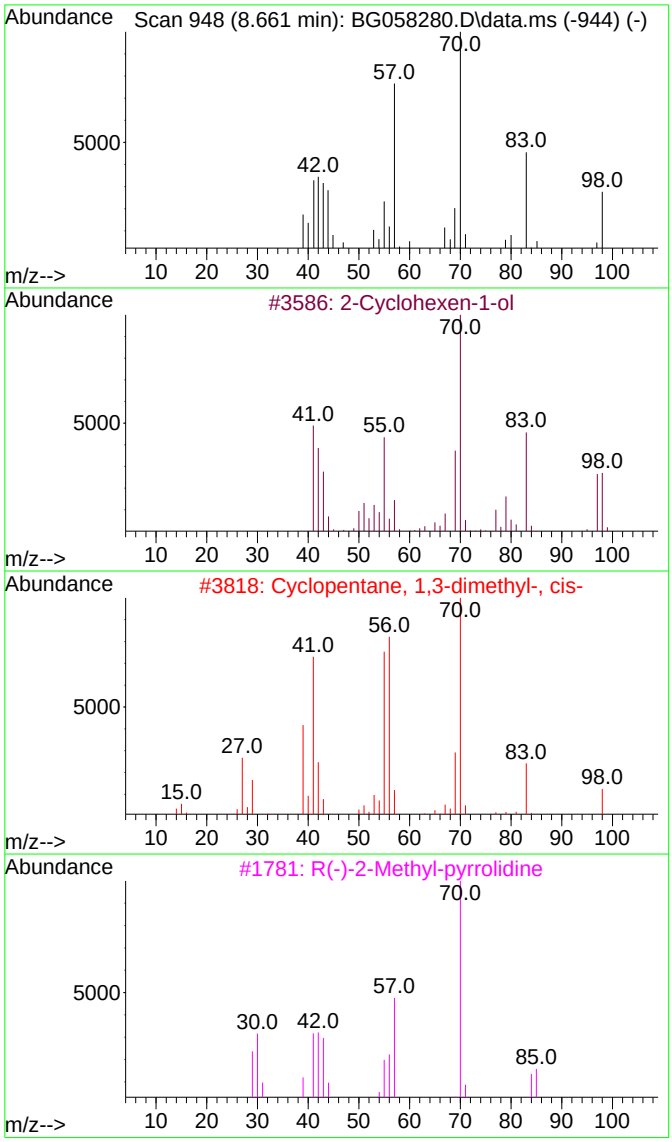
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

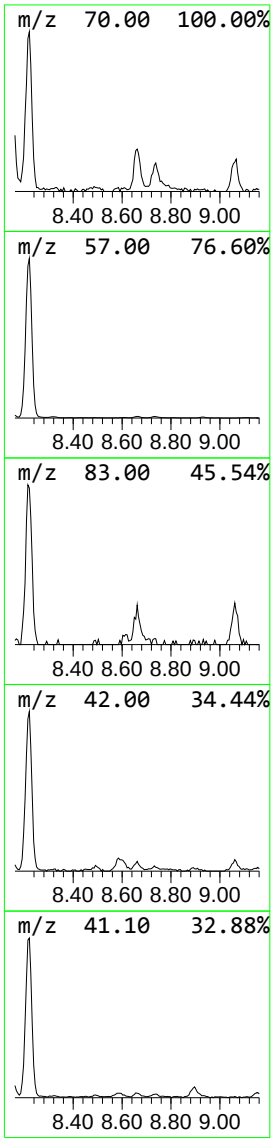
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopentane, 1,3-dimethyl-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.661	2.56 ng/ul	36380	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	72
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50
3	R(-)-2-Methyl-pyrrolidine	85	C5H11N	1010144-17-1	49
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	35





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Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

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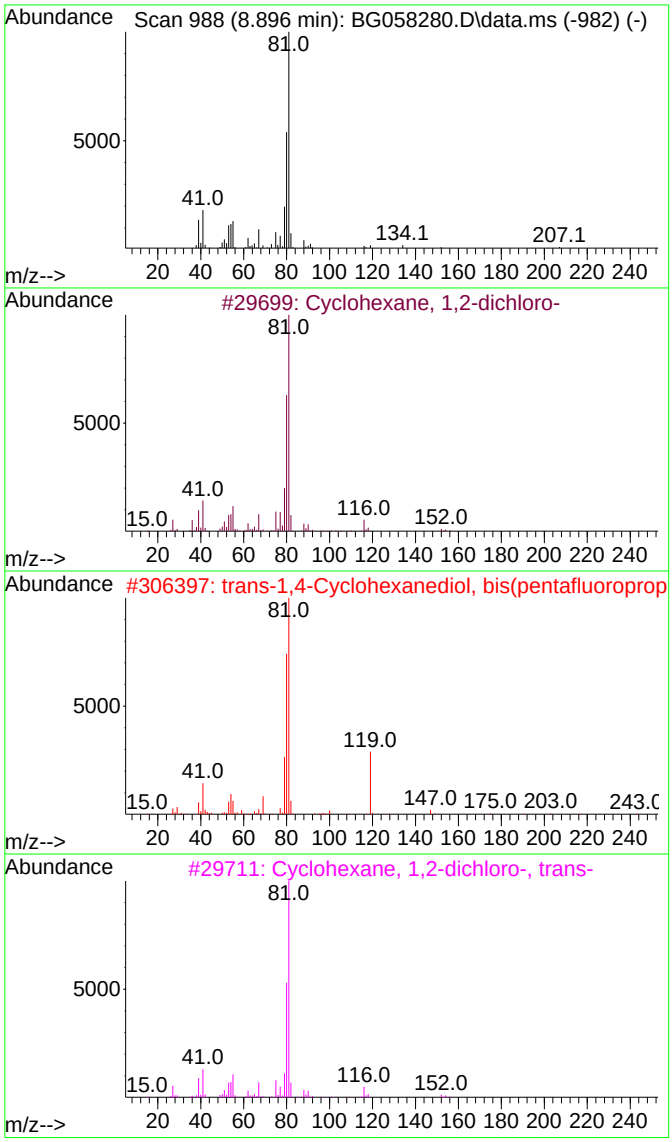
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

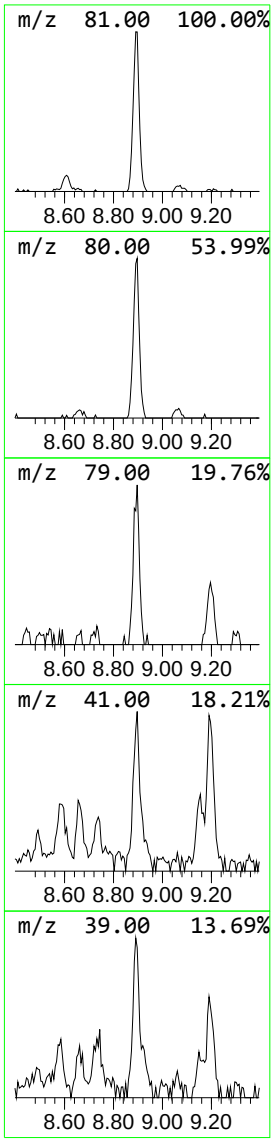
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, 1,2-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.896	8.35 ng/ul	118507	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	81
2	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	72
3	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	64
4	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	55
5	Cyclohexane, 1,2-dichloro-, cis-	152	C6H10Cl2	010498-35-8	53





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Misc :
ALS Vial : 92 Sample Multiplier: 1

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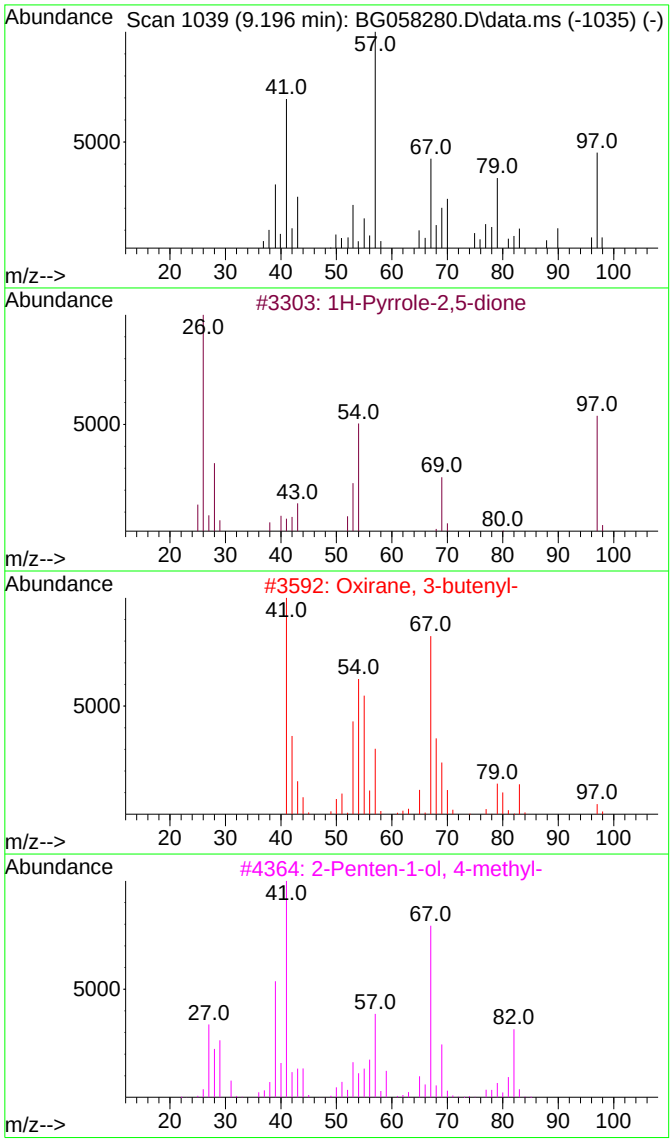
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

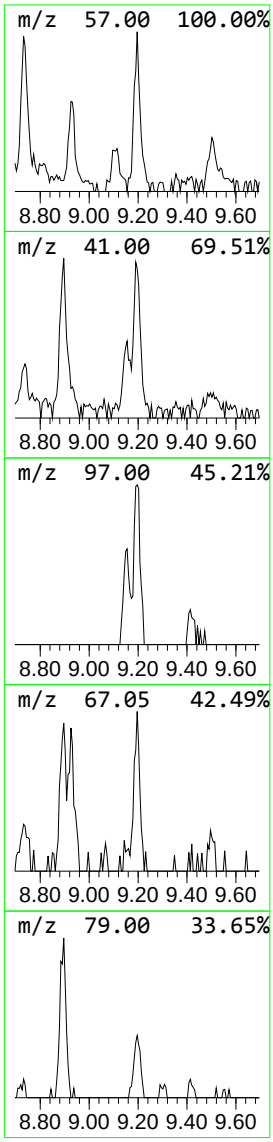
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.196	3.14 ng/ul	44618	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	22
2	Oxirane, 3-butenyl-	98	C6H10O	010353-53-4	16
3	2-Penten-1-ol, 4-methyl-	100	C6H12O	005362-55-0	10
4	Bicyclo[2.2.0]hex-1-yl-methanol	112	C7H12O	019394-20-8	10
5	Methylacrylonitrile	67	C4H5N	000126-98-7	9





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ALS Vial : 92 Sample Multiplier: 1

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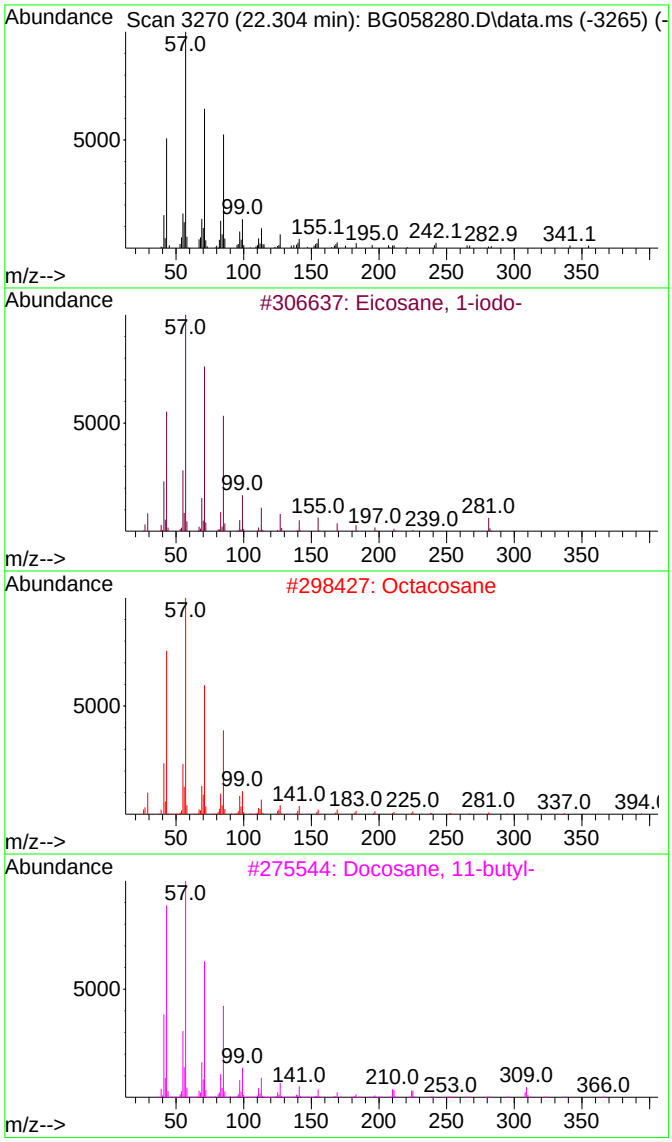
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

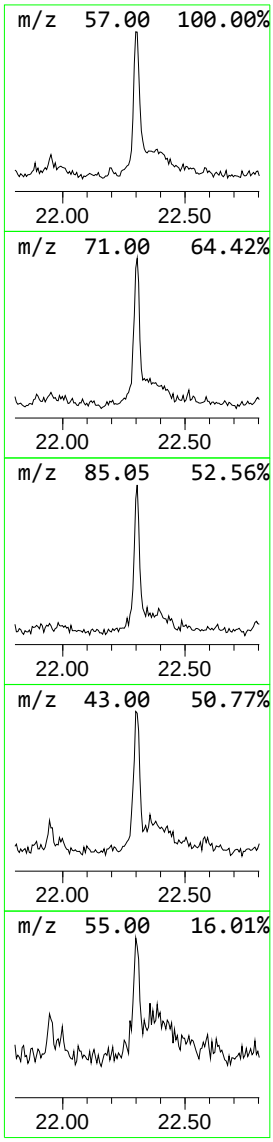
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Eicosane, 1-iodo- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.304	2.11 ng/ul	102483	Chrysene-d12	21.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





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Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

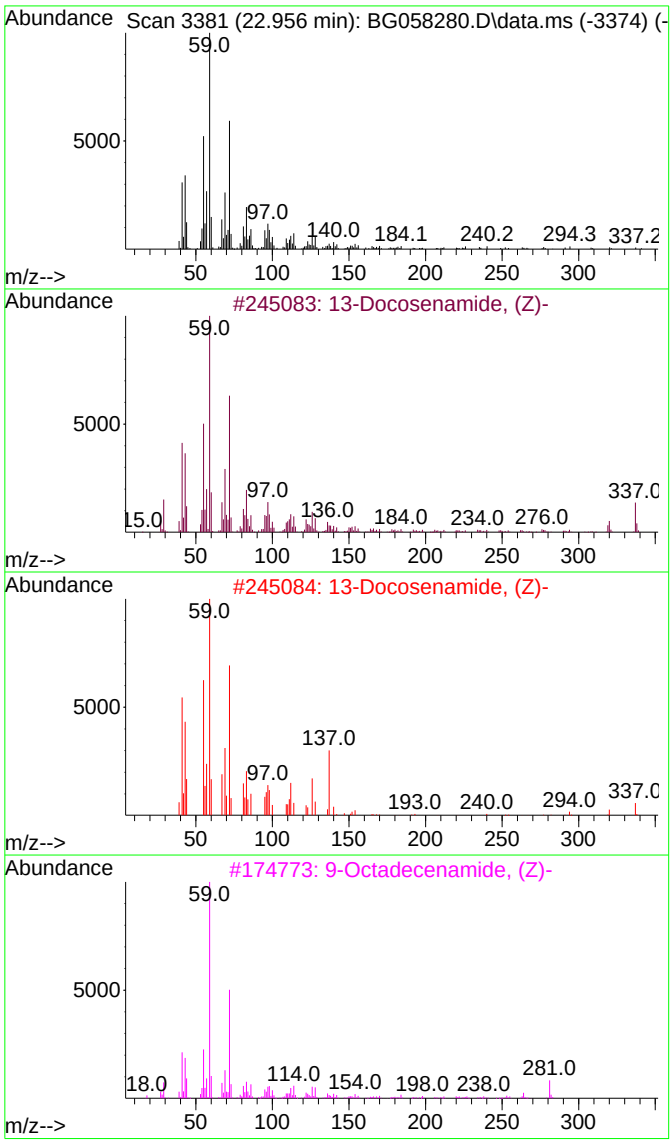
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

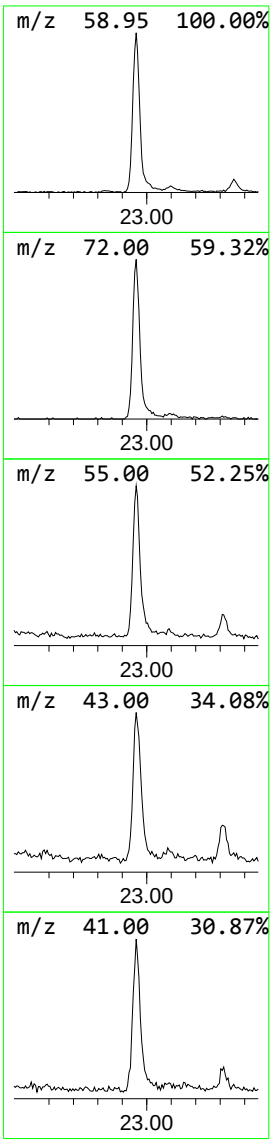
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.956	11.55 ng/ul	560968	Chrysene-d12	21.535

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	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
4	Hexadecanamide	255	C16H33NO	000629-54-9	64
5	Palmitoleamide	253	C16H31NO	106010-22-4	59





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Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

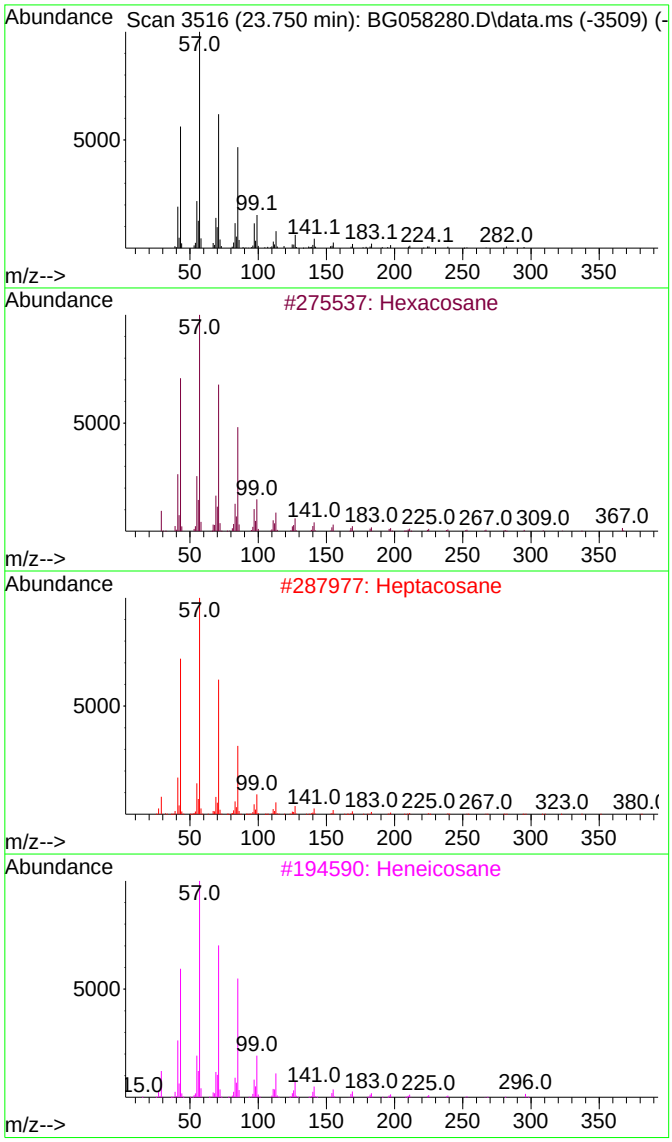
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

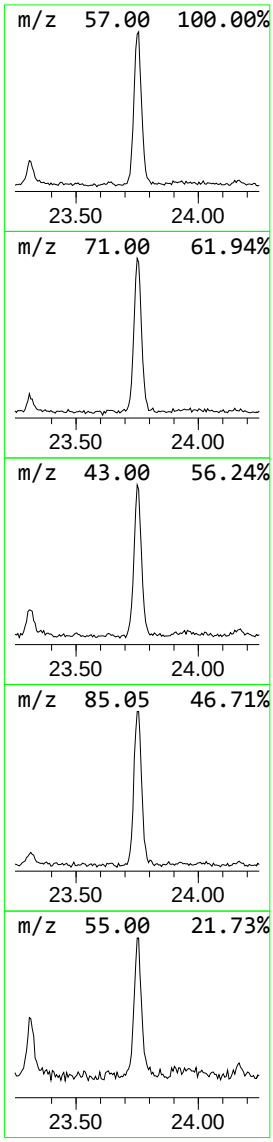
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.750	5.68 ng/ul	325489	Perylene-d12	24.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane	282	C20H42	000112-95-8	87





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Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

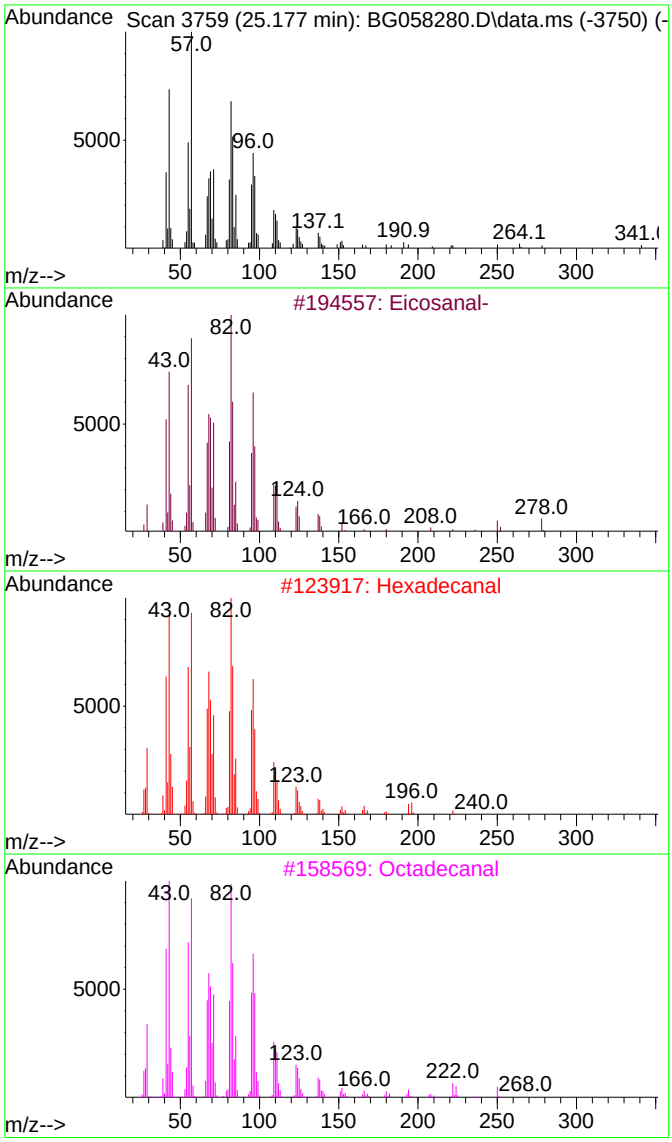
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

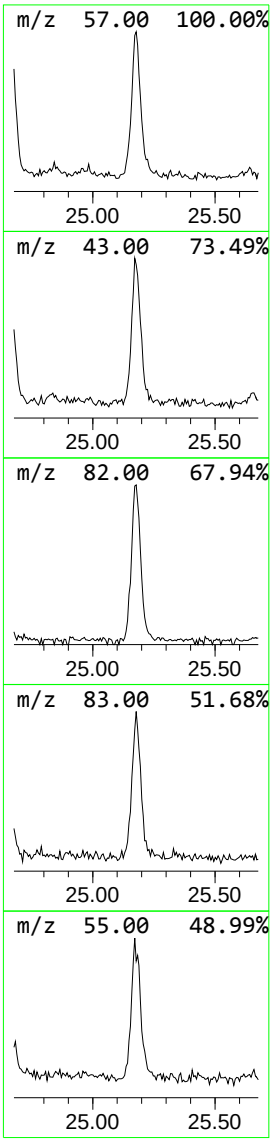
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Eicosanal- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.177	4.84 ng/ul	277294	Perylene-d12	24.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanal-	296	C20H40O	002400-66-0	94
2	Hexadecanal	240	C16H32O	000629-80-1	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83





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Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

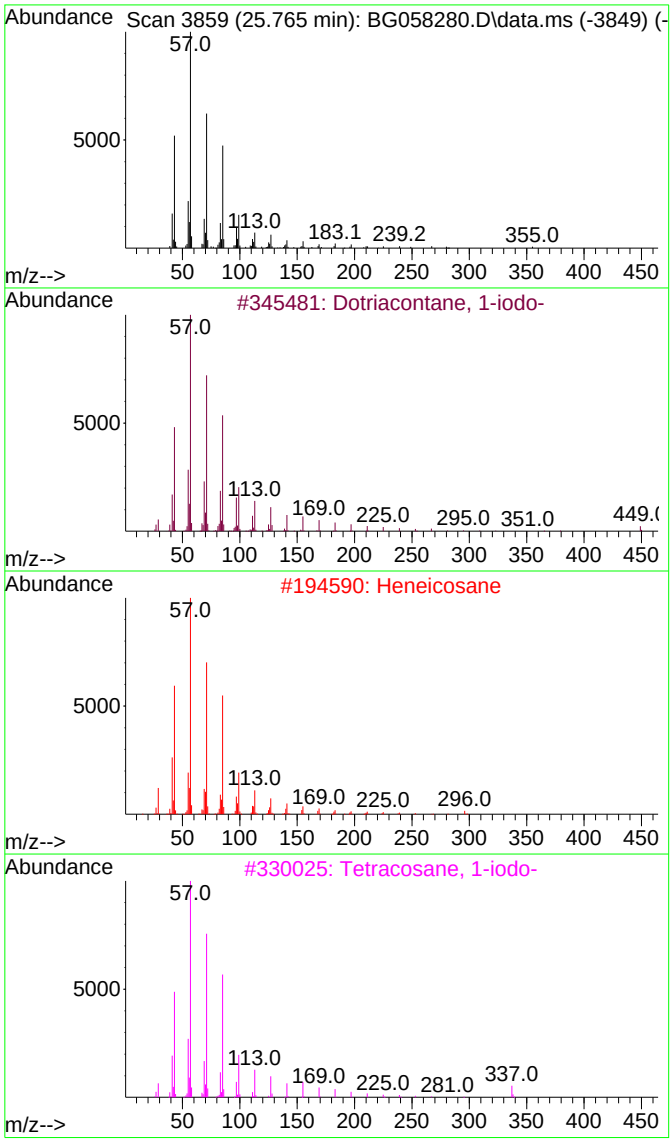
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

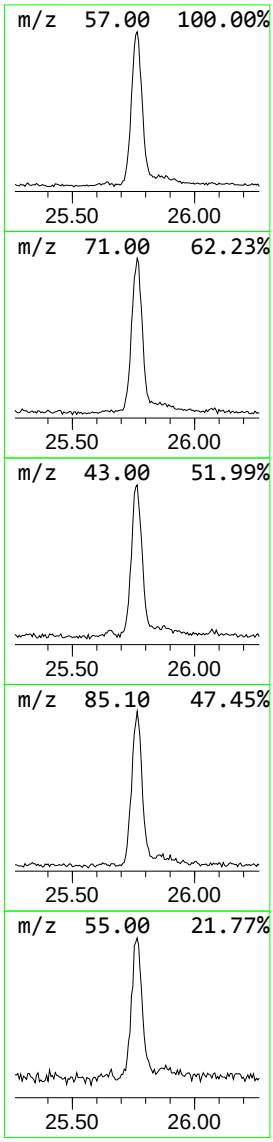
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dotriacontane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.765	7.05 ng/ul	404070	Perylene-d12	24.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

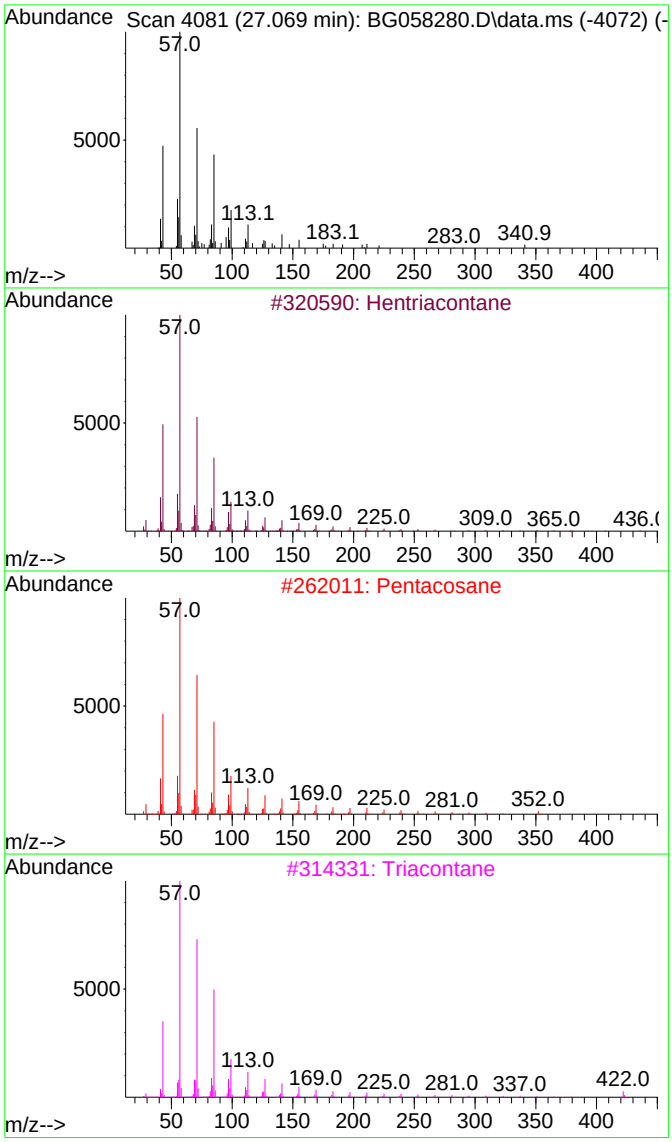
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

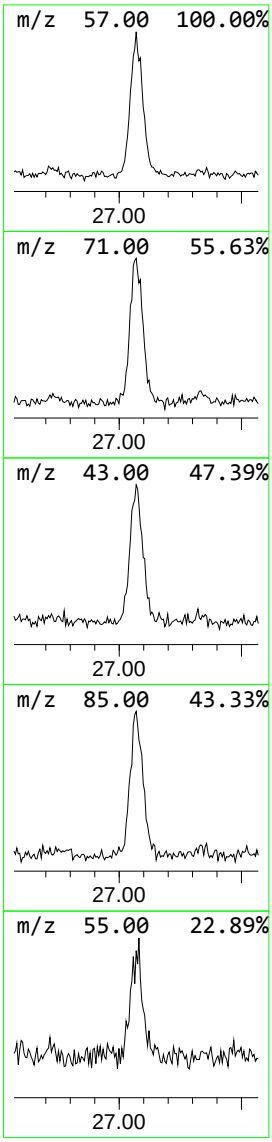
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.069	2.45 ng/ul	140379	Perylene-d12	24.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Pentacosane	352	C25H52	000629-99-2	83
3	Triacontane	422	C30H62	000638-68-6	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexacosane	366	C26H54	000630-01-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

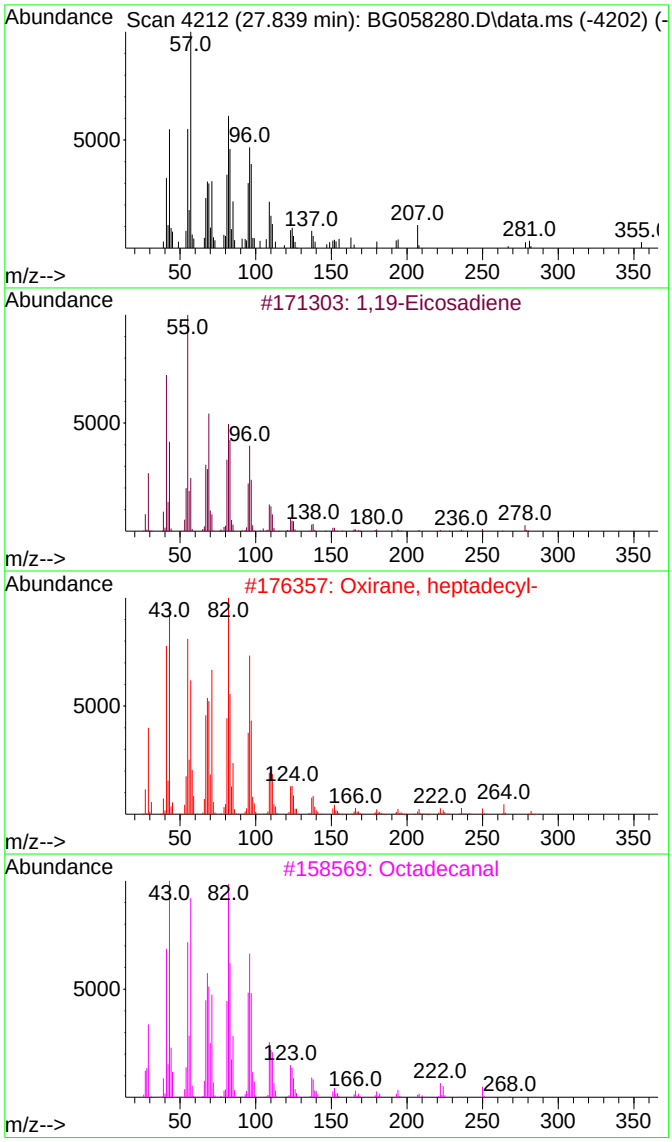
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

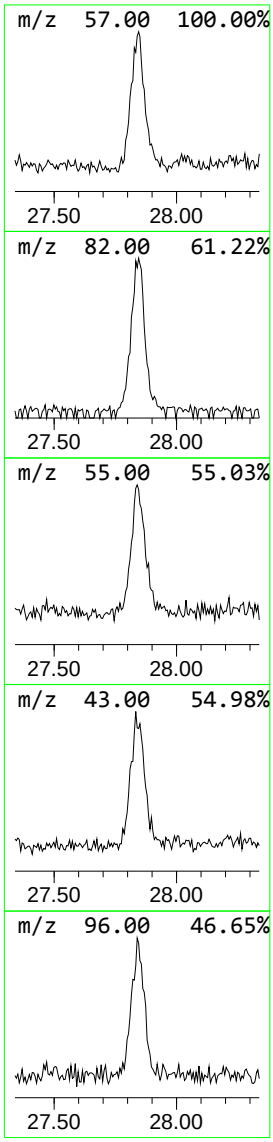
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,19-Eicosadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.839	3.36 ng/ul	192313	Perylene-d12	24.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
3	Octadecanal	268	C18H36O	000638-66-4	81
4	17-Octadecenal	266	C18H34O	056554-86-0	72
5	13-Octadecenal	266	C18H34O	056554-90-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

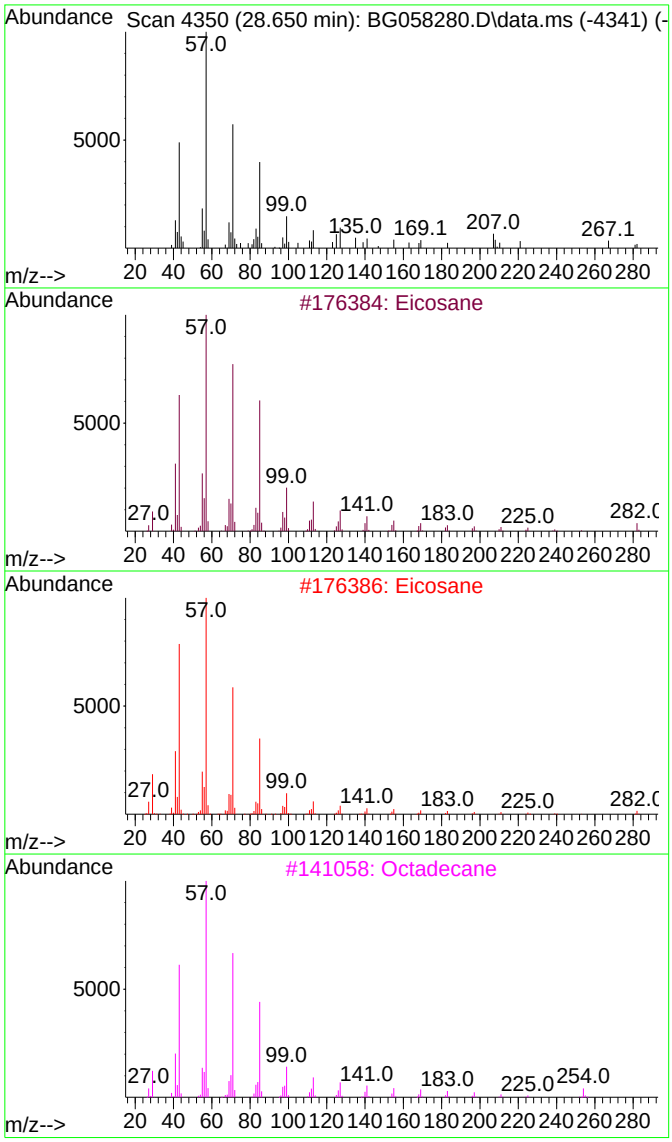
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

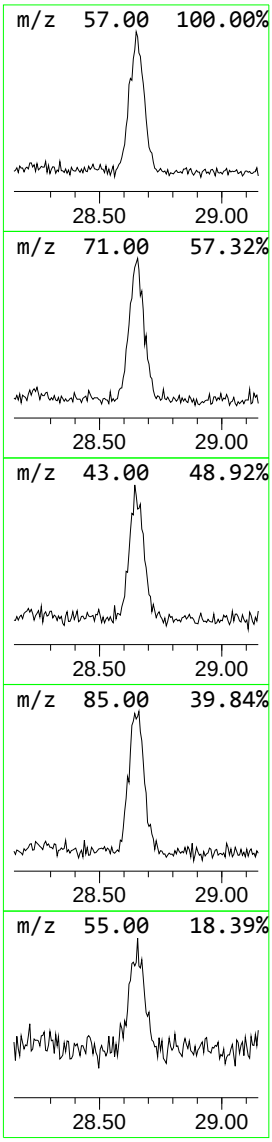
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.650	2.26 ng/ul	129413	Perylene-d12	24.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	87
3	Octadecane	254	C18H38	000593-45-3	80
4	Docosane	310	C22H46	000629-97-0	80
5	Heneicosane	296	C21H44	000629-94-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058280.D
Acq On : 16 Jul 2023 4:36
Operator : CG/JU
Sample : 03418-15
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J4

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	3.156	662.1	ng/ul	9397470	1	7.903	283857	20.0
3,4-dimethylfuran	4.337	2.7	ng/ul	38263	1	7.903	283857	20.0
Tetrachloroethy...	4.619	3.8	ng/ul	53613	1	7.903	283857	20.0
Aziridine, 1-(1...	5.359	4.2	ng/ul	60200	1	7.903	283857	20.0
Benzene, 1,3-di...	5.547	4.3	ng/ul	61612	1	7.903	283857	20.0
2-Cyclohexen-1-ol	5.800	34.8	ng/ul	493813	1	7.903	283857	20.0
Cyclohexene, 3-...	6.182	7.0	ng/ul	100043	1	7.903	283857	20.0
2-Cyclohexen-1-one	6.523	60.2	ng/ul	854870	1	7.903	283857	20.0
7-Oxabicyclo[4....	7.974	4.6	ng/ul	65040	1	7.903	283857	20.0
unknown-01	8.074	6.8	ng/ul	96570	1	7.903	283857	20.0
unknown-02	8.150	8.8	ng/ul	125647	1	7.903	283857	20.0
2-Chlorocyclohe...	8.221	131.0	ng/ul	1858960	1	7.903	283857	20.0
Cyclopentane, 1...	8.661	2.6	ng/ul	36380	1	7.903	283857	20.0
Cyclohexane, 1,...	8.896	8.3	ng/ul	118507	1	7.903	283857	20.0
unknown-03	9.196	3.1	ng/ul	44618	1	7.903	283857	20.0
Eicosane, 1-iodo-	22.304	2.1	ng/ul	102483	5	21.535	970961	20.0
13-Docosenamide...	22.956	11.6	ng/ul	560968	5	21.535	970961	20.0
(DEL) Alkane: S...	23.750	5.7	ng/ul	325489	6	24.672	1146050	20.0
Eicosanal-	25.177	4.8	ng/ul	277294	6	24.672	1146050	20.0
Dotriacontane, ...	25.765	7.0	ng/ul	404070	6	24.672	1146050	20.0
(DEL) Alkane: S...	27.069	2.5	ng/ul	140379	6	24.672	1146050	20.0
1,19-Eicosadiene	27.839	3.4	ng/ul	192313	6	24.672	1146050	20.0
(DEL) Alkane: S...	28.650	2.3	ng/ul	129413	6	24.672	1146050	20.0