LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058229.D
Acq On : 14 Jul 2023 13:35
Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46J2

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: BG058229.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	43	rVB	6113465	12597197	100.00%	34.291%
2	3.760	109	114	123	rBV2	24665	44364	0.35%	0.121%
3	4.095	166	171	177	rVB	12237	17552	0.14%	0.048%
4	4.342	208	213	223	rVB3	36909	66844	0.53%	0.182%
5	4.618	255	260	270	rVB	48461	83612	0.66%	0.228%
6	5.358	380	386	392	rBV2	43122	71354	0.57%	0.194%
7	5.541	411	417	427	rBV	39452	92023	0.73%	0.251%
8	5.799	452	461	466	rBV	423053	799990	6.35%	2.178%
9	5.840	466	468	475	rVV	78360	111424	0.88%	0.303%
10	5.911	475	480	492	rVB3	20061	48771	0.39%	0.133%
11	6.181	520	526	538	rBV	91514	156509	1.24%	0.426%
12	6.528	577	585	600	rBV	746368	1267622	10.06%	3.451%
13	7.068	668	677	687	rBV	112602	221001	1.75%	0.602%
14	7.227	698	704	718	rBV	85906	149312	1.19%	0.406%
15	7.432	732	739	749	rBV2	105688	229839	1.82%	0.626%
16	7.615	764	770	783	rVB3	19751	53263	0.42%	0.145%
17	7.902	807	819	825	rBV	231838	397349	3.15%	1.082%
18	7.973	825	831	836	rVV	51903	94883	0.75%	0.258%
19	8.026	836	840	842	rVV5	11998	19516	0.15%	0.053%
20	8.073	842	848	855	rVV2	46741	96980	0.77%	0.264%
21	8.155	855	862	866	rVV3	74925	139359	1.11%	0.379%
22	8.226	866	874	886	rVV	1563551	2838007	22.53%	7.725%
23	8.320	886	890	897	rVB4	11057	20784	0.16%	0.057%
24	8.490	916	919	924	rVV4	12319	19077	0.15%	0.052%
25	8.537	924	927	931	rVV5	12933	25837	0.21%	0.070%
26	8.608	931	939	944	rVV3	52077	130012	1.03%	0.354%
27	8.660	944	948	954	rVV2	40824	78761	0.63%	0.214%
28	8.725	954	959	974	rVB2	53210	119361	0.95%	0.325%
29	8.895	981	988	992	rBV	83377	149606	1.19%	0.407%
30	8.931	992	994	1002	rVB2	37688	52975	0.42%	0.144%
31	9.060	1010	1016	1028	rBV	105919	204576	1.62%	0.557%
32	9.154	1028	1032	1035	rVV3	16874	27637	0.22%	0.075%
33	9.195	1035	1039	1050	rVB2	40681	79617	0.63%	0.217%
34	9.501	1083	1091	1095	rBV8	10560	29032	0.23%	0.079%
35	9.783	1133	1139	1147	rVB	89243	162542	1.29%	0.442%
36	9.947	1162	1167	1178	rBV4	24614	57056	0.45%	0.155%

LSC Area Percent Report

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

37	10.323	1221	1231	1247	rBV3	150140	330086	2.62%	0.899%
38	10.558	1261	1271	1279	rBV4	17381	42526	0.34%	0.116%
39	10.705	1284	1296	1303	rBV	371338	694401	5.51%	1.890%
40	10.828	1312	1317	1330	rVB7	11204	23650	0.19%	0.064%
41	11.246	1379	1388	1396	rVB7	13391	32198	0.26%	0.088%
42	11.416	1408	1417	1422	rBV5	13205	26630	0.21%	0.072%
43	11.510	1422	1433	1443	rVB8	13574	40004	0.32%	0.109%
44	12.021	1514	1520	1525	rBV3	13993	27532	0.22%	0.075%
45	12.656	1622	1628	1634	rVV	30294	46524	0.37%	0.127%
46	12.756	1638	1645	1648	rBV2	15350	28498	0.23%	0.078%
47	12.785	1648	1650	1658	rVB3	15903	24218	0.19%	0.066%
48	13.355	1742	1747	1753	rVV	24236	35447	0.28%	0.096%
49	13.425	1753	1759	1767	rVB5	7879	16070	0.13%	0.044%
50	13.942	1840	1847	1857	rBV	313146	459627	3.65%	1.251%
51	14.172	1874	1886	1891	rBV	87298	159520	1.27%	0.434%
52	14.230	1891	1896	1907	rVB2	312630	531652	4.22%	1.447%
53	14.542	1942	1949	1957	rVB	636658	992674	7.88%	2.702%
54	14.742	1976	1983	2001	rBV	101427	214671	1.70%	0.584%
55	14.888	2001	2008	2013	rVV3	41083	71357	0.57%	0.194%
56	14.947	2013	2018	2023	rVB6	9472	20809	0.17%	0.057%
57	15.529	2111	2117	2125	rBV	478171	724423	5.75%	1.972%
58	15.652	2130	2138	2148	rVB2	119040	204780	1.63%	0.557%
59	15.893	2171	2179	2185	rBV	88183	128957	1.02%	0.351%
60	16.069	2203	2209	2217	rBV4	37126	75200	0.60%	0.205%
61	16.193	2225	2230	2235	rBV6	11231	19006	0.15%	0.052%
62	16.457	2270	2275	2280	rVV2	13098	19807	0.16%	0.054%
63	16.816	2332	2336	2341	rBV3	12007	17500	0.14%	0.048%
64	17.156	2389	2394	2399	rBV2	19835	30933	0.25%	0.084%
65	17.286	2406	2416	2427	rBV	828812	1346546	10.69%	3.666%
66	17.380	2427	2432	2442	rVV2	308585	506298	4.02%	1.378%
67	17.468	2442	2447	2450	rVV5	17030	28478	0.23%	0.078%
68	17.532	2455	2458	2461	rVV2	11281	15787	0.13%	0.043%
69	17.944	2522	2528	2533	rVB2	86366	108809	0.86%	0.296%
70	18.167	2561	2566	2576	rBV2	123283	215969	1.71%	0.588%
71	18.508	2620	2624	2632	rVV4	19237	37505	0.30%	0.102%
72	18.660	2646	2650	2655	rBV3	21387	29072	0.23%	0.079%
73	18.713	2655	2659	2662	rBV2	20224	30321	0.24%	0.083%
74	18.972	2699	2703	2708	rVB2	27690	37329	0.30%	0.102%
75	19.113	2724	2727	2731	rVV	84134	87670	0.70%	0.239%
76	19.242	2745	2749	2756	rVB3	40277	69037	0.55%	0.188%

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Integrator: RTE
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Title : SVOA CALIBRATION

77	19.336	2757	2765	2771	rVB	75383	131634	1.04%	0.358%
78	19.442	2779	2783	2792	rBV6	43072	88905	0.71%	0.242%
79	19.671	2816	2822	2835	rVB	686800	1130999	8.98%	3.079%
80	19.771	2835	2839	2846	rBV2	31696	50593	0.40%	0.138%
81	19.894	2857	2860	2864	rVB3	26124	34272	0.27%	0.093%
82	20.059	2886	2888	2893	rVB4	15197	20075	0.16%	0.055%
83	20.141	2898	2902	2905	rVV4	36358	50040	0.40%	0.136%
84	20.200	2908	2912	2917	rVB3	45486	60446	0.48%	0.165%
85	20.693	2993	2996	2999	rVB3	35471	35304	0.28%	0.096%
86	20.911	3030	3033	3037	rBV2	24825	29104	0.23%	0.079%
87	21.181	3076	3079	3083	rBV	82092	103454	0.82%	0.282%
88	21.422	3115	3120	3125	rVB	162740	226401	1.80%	0.616%
89	21.539	3133	3140	3154	rVB	804498	1455055	11.55%	3.961%
90	21.645	3155	3158	3162	rBV4	22796	30533	0.24%	0.083%
91	21.957	3207	3211	3215	rVB2	54458	74144	0.59%	0.202%
92	22.309	3266	3271	3275	rBV	125925	204885	1.63%	0.558%
93	22.961	3375	3382	3397	rBV	480271	996752	7.91%	2.713%
94	23.320	3437	3443	3454	rBV2	213443	411920	3.27%	1.121%
95	23.754	3511	3517	3525	rVB	237708	495667	3.93%	1.349%
96	24.460	3629	3637	3656	rVB3	207840	620330	4.92%	1.689%
97	24.683	3665	3675	3691	rVB	529473	1558897	12.37%	4.244%
98	25.182	3754	3760	3774	rVB4	96060	264196	2.10%	0.719%
99	25.770	3853	3860	3868	rBV2	73298	197790	1.57%	0.538%
100	27.856	4208	4215	4227	rVB7	43281	159067	1.26%	0.433%

Sum of corrected areas: 36735628

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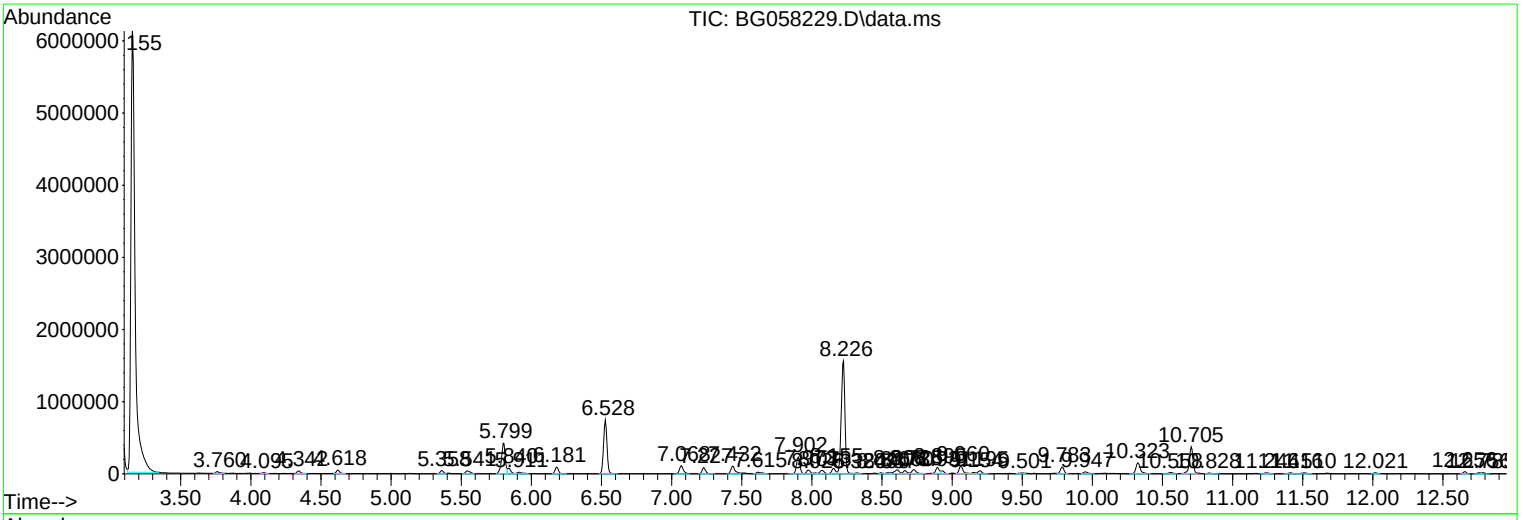
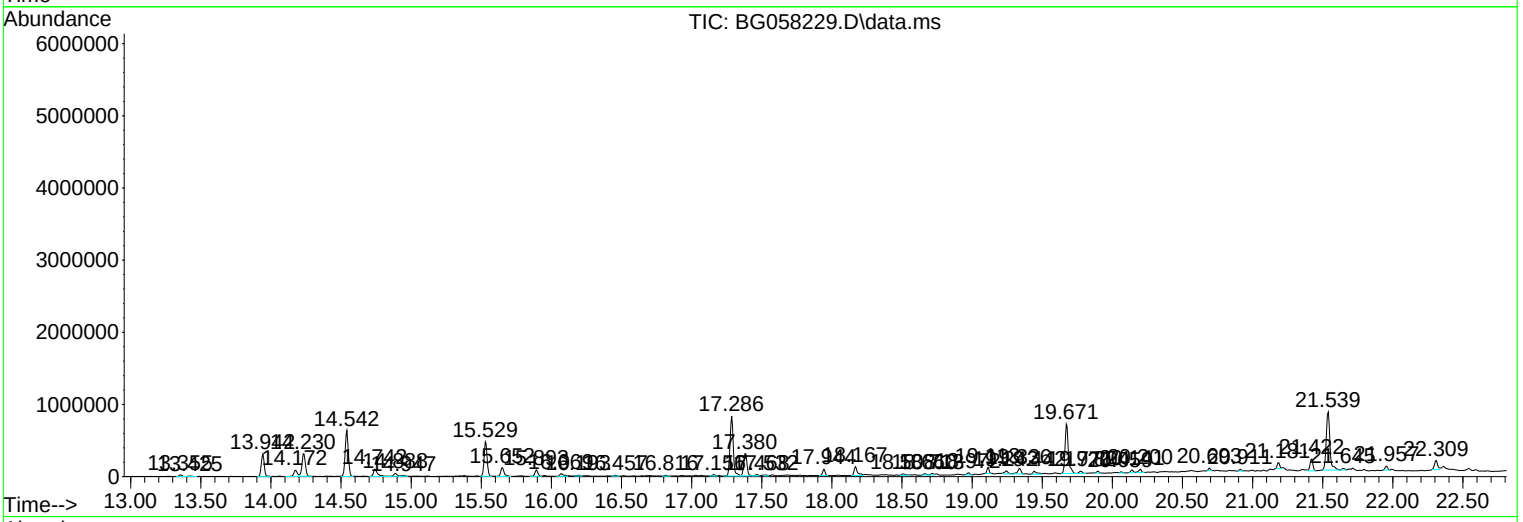
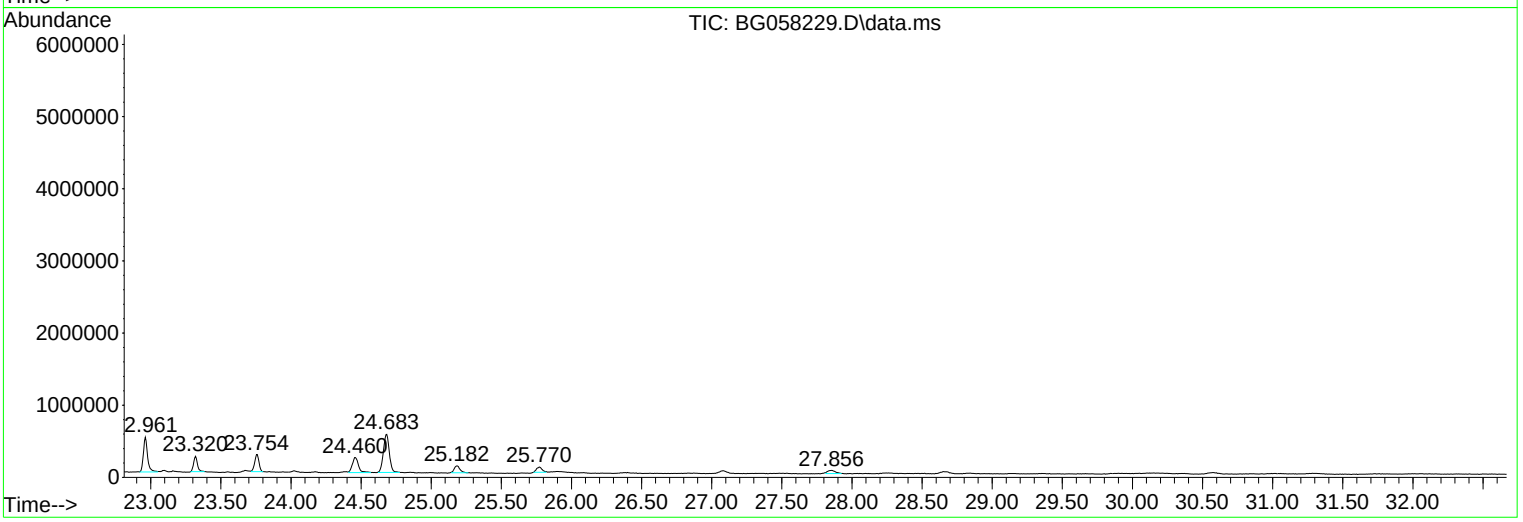
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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







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Data File : BG058229.D
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Instrument :
BNA_G
ClientSampleId :
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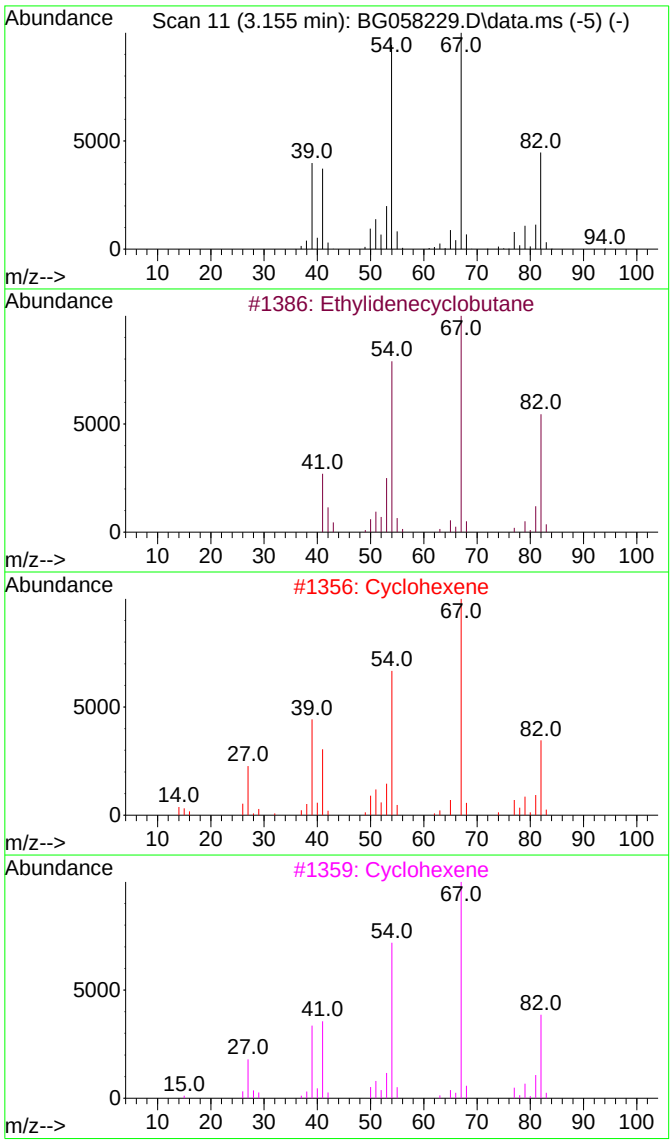
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

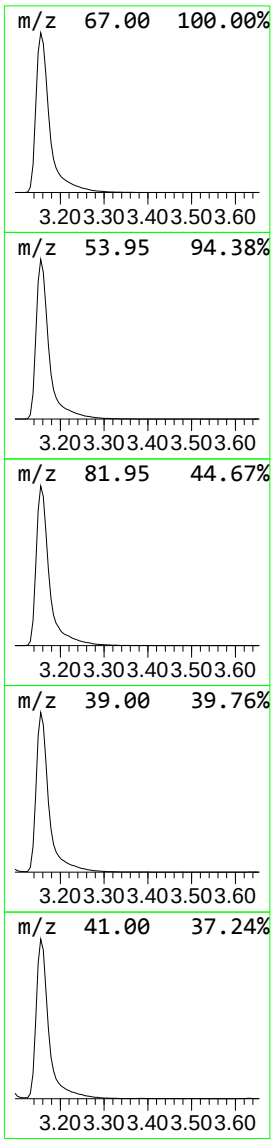
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethylidenecyclobutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	634.06 ng/ul	12597200	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	94
2	Cyclohexene	82	C6H10	000110-83-8	90
3	Cyclohexene	82	C6H10	000110-83-8	87
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
5	Cyclohexene	82	C6H10	000110-83-8	87





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ALS Vial : 37 Sample Multiplier: 1

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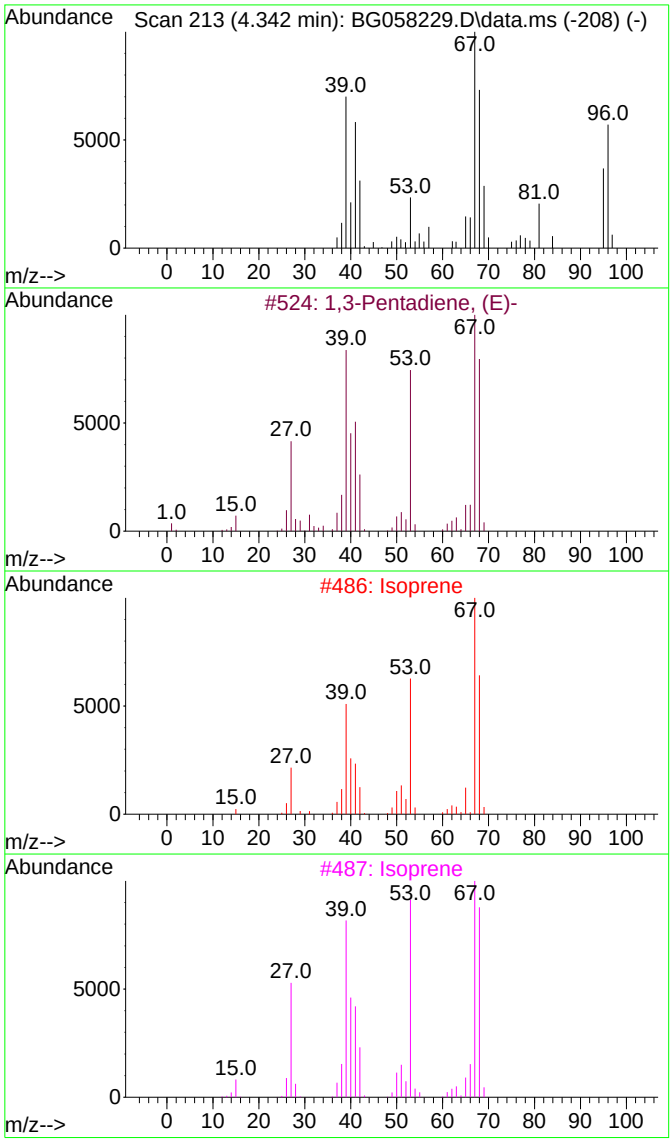
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

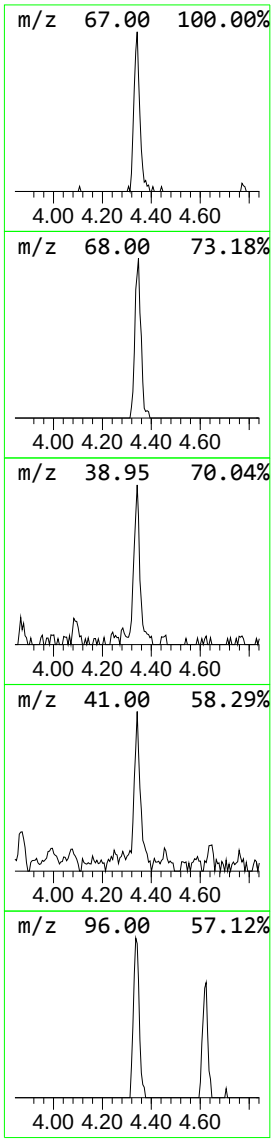
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Pentadiene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.342	3.36 ng/ul	66844	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	58
2	Isoprene	68	C5H8	000078-79-5	58
3	Isoprene	68	C5H8	000078-79-5	58
4	Isoprene	68	C5H8	000078-79-5	52
5	Isoprene	68	C5H8	000078-79-5	52





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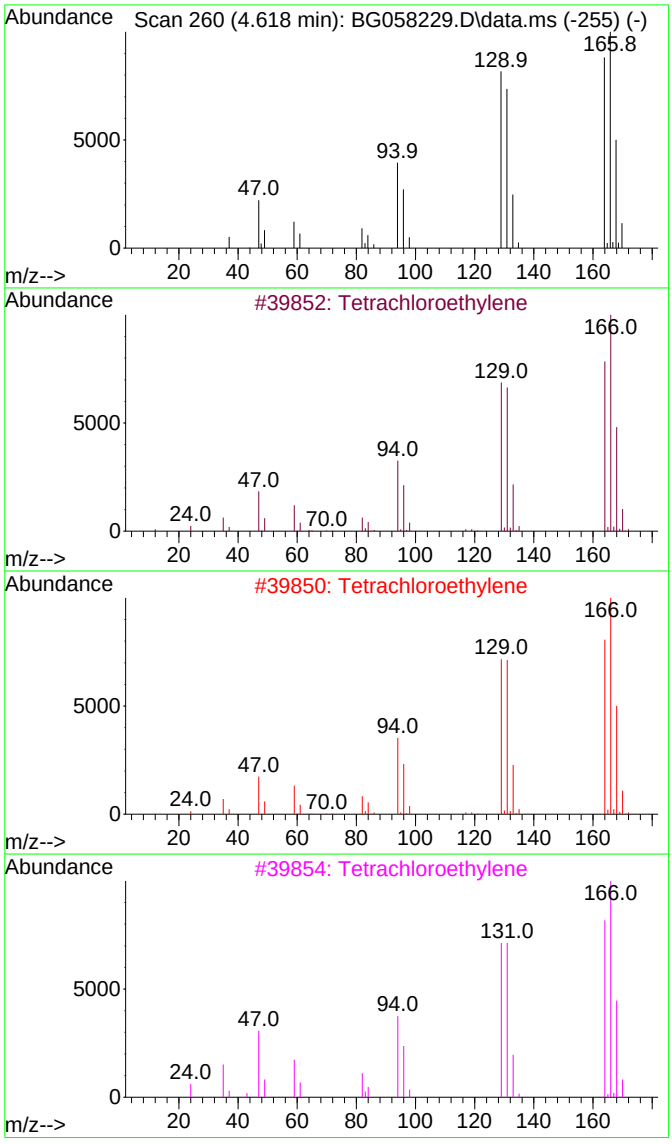
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

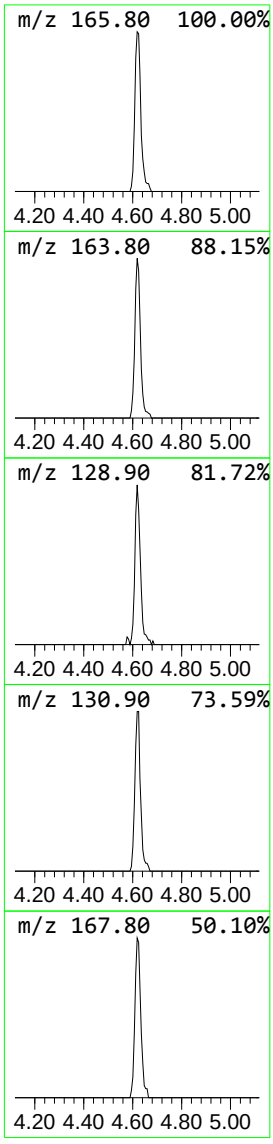
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.618	4.21 ng/ul	83612	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
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	38





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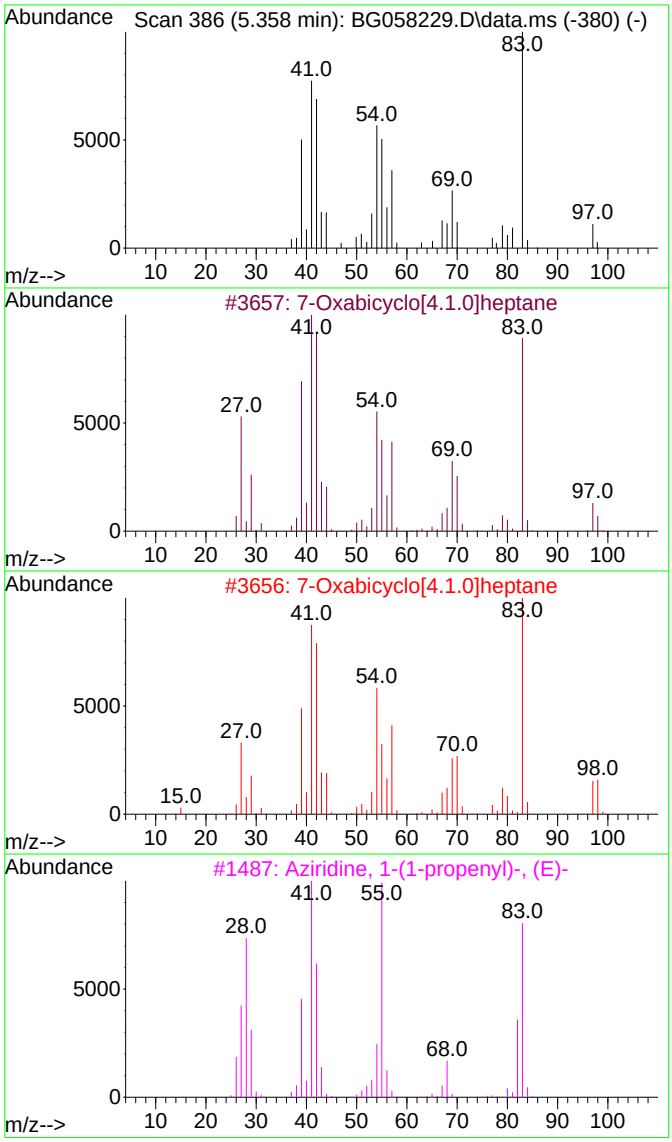
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

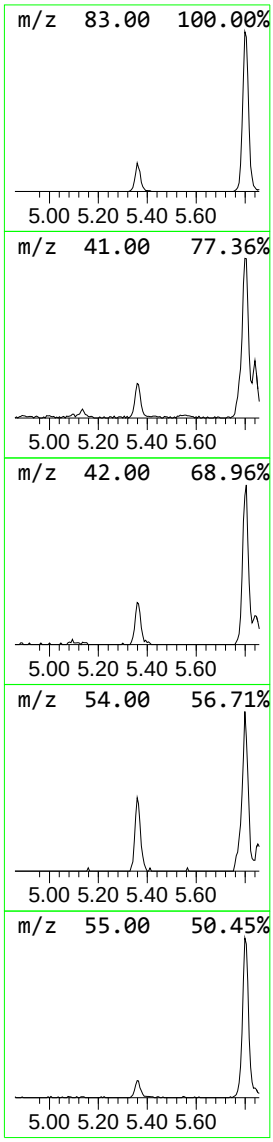
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Oxabicyclo[4.1.0]heptane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.358	3.59 ng/ul	71354	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	72
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	59
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	53
4	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	50
5	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	43





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ALS Vial : 37 Sample Multiplier: 1

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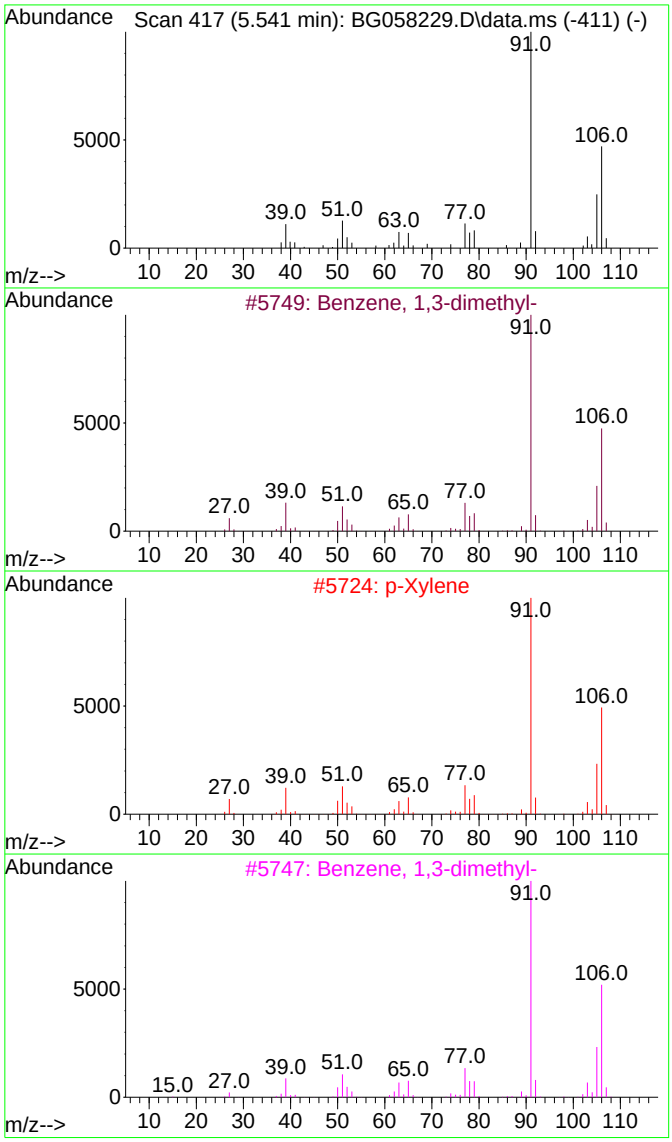
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

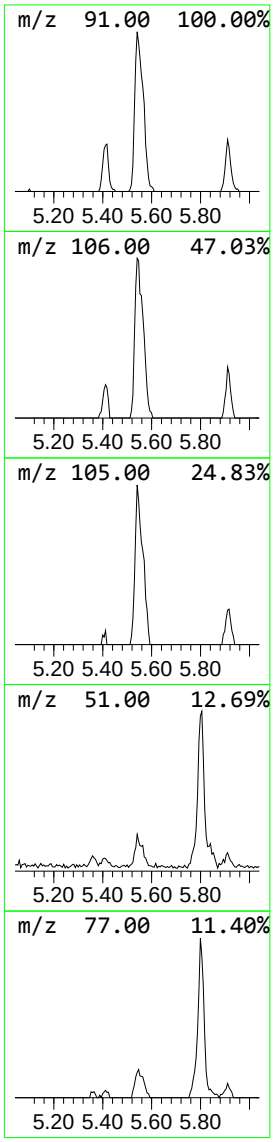
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.541	4.63 ng/ul	92023	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	97
2	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





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Acq On : 14 Jul 2023 13:35
Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J2

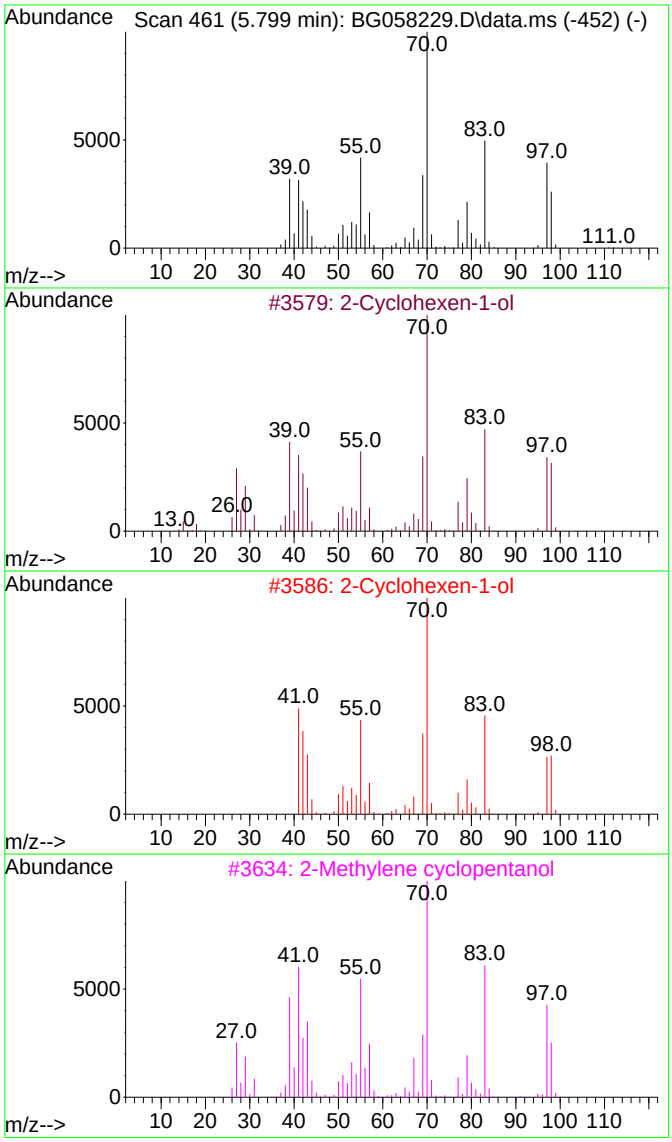
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

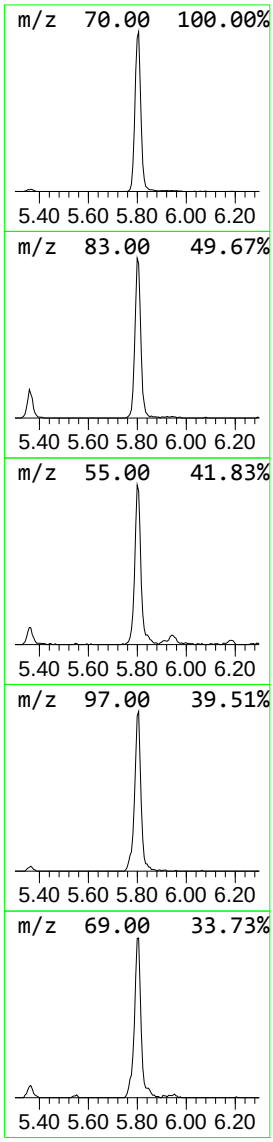
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	40.27 ng/ul	799990	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	96
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	93
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	91
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	64
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43





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Acq On : 14 Jul 2023 13:35
Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J2

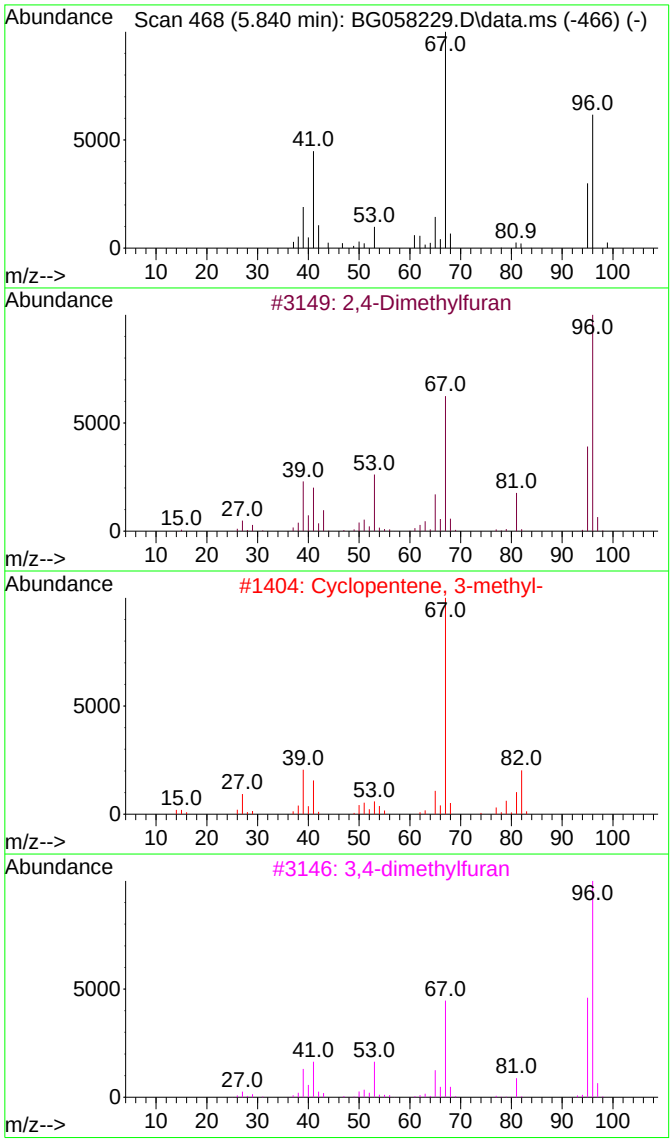
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

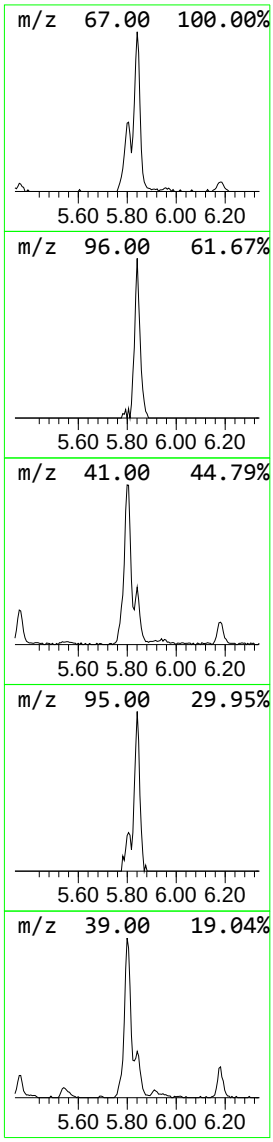
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4-Dimethylfuran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	5.61 ng/ul	111424	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylfuran	96	C6H8O	003710-43-8	50
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	47
3	3,4-dimethylfuran	96	C6H8O	1000458-50-4	46
4	Cyclobutene, 3,3-dimethyl-	82	C6H10	016327-38-1	43
5	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	43





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Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J2

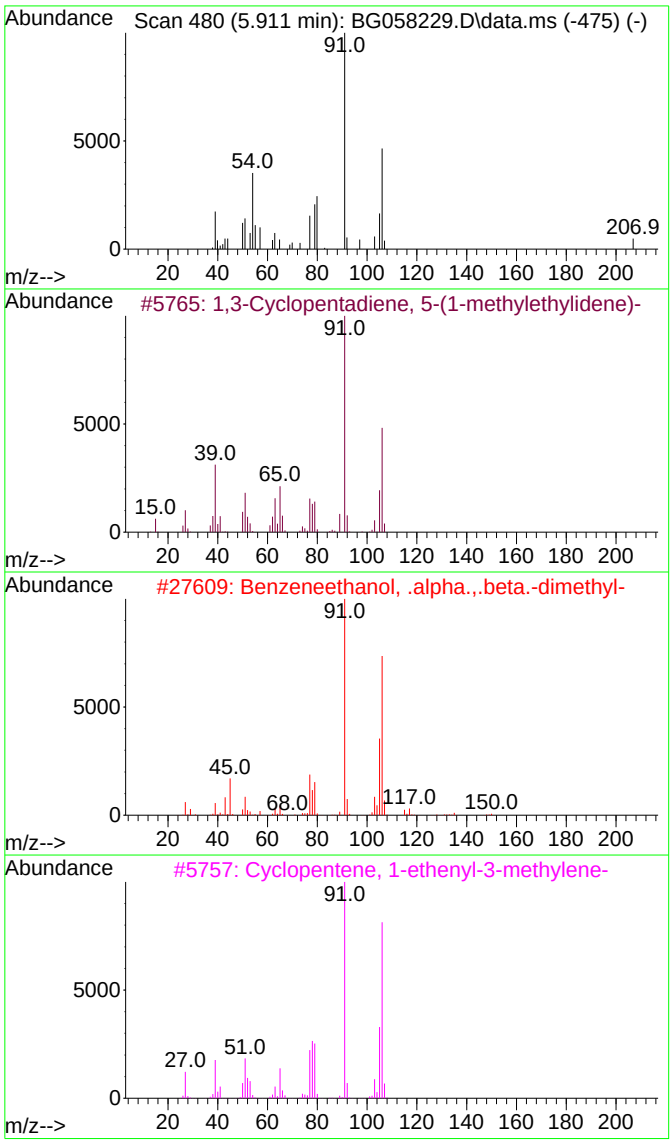
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

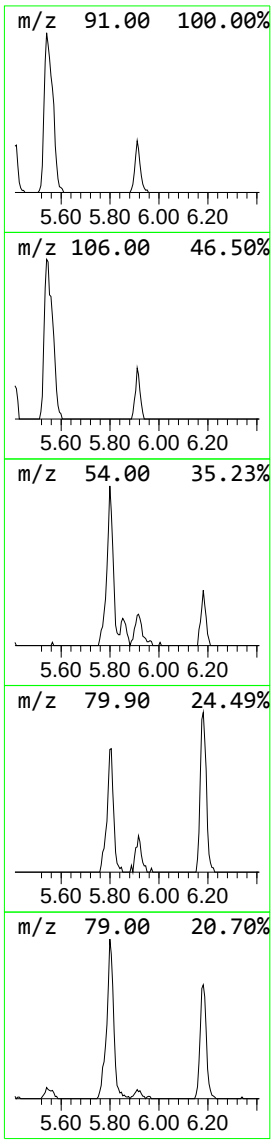
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.911	2.45 ng/ul	48771	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	47
2	Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	47
3	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	47
4	o-Xylene	106	C8H10	000095-47-6	46
5	o-Xylene	106	C8H10	000095-47-6	46





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Acq On : 14 Jul 2023 13:35
Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J2

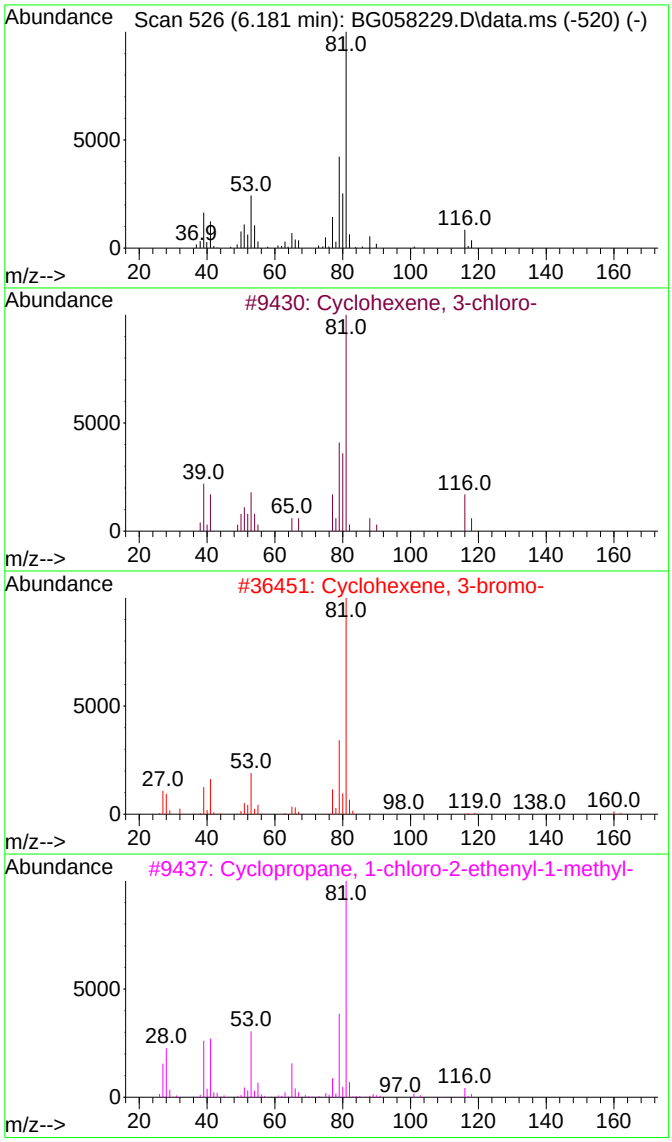
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

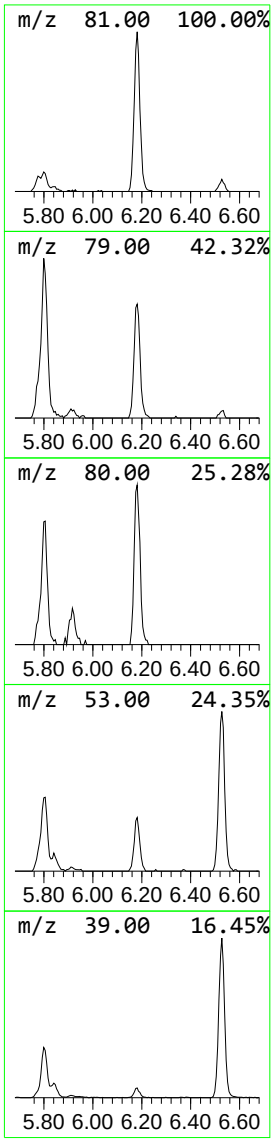
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexene, 3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	7.88 ng/ul	156509	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	90
2	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	64
3	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	64
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	59
5	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	50





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Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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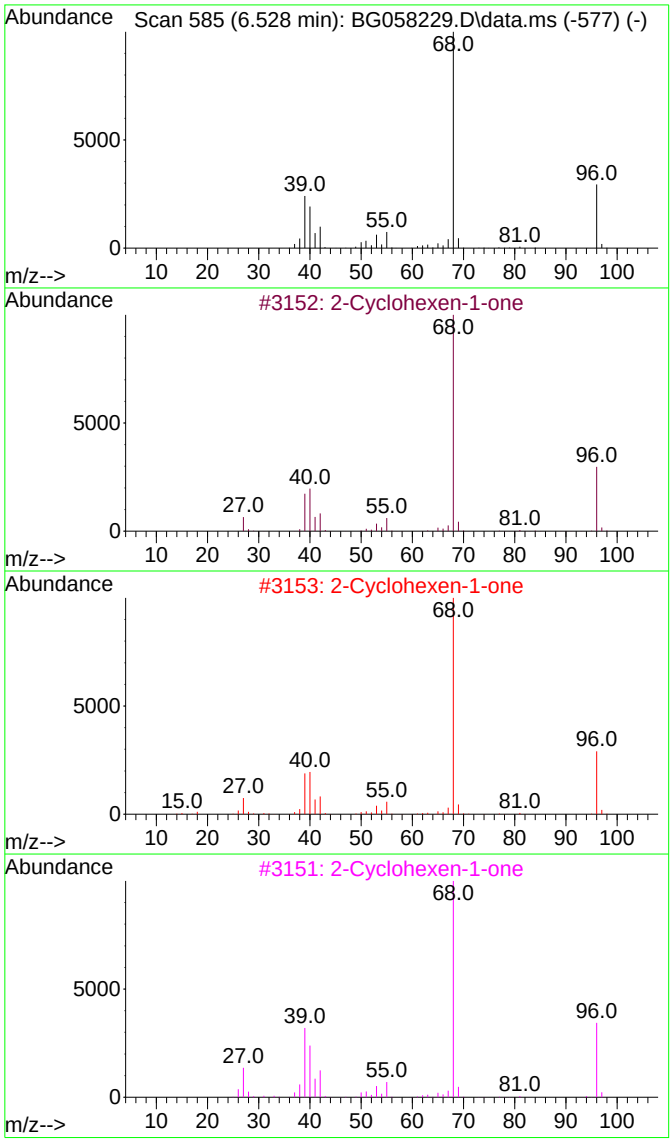
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

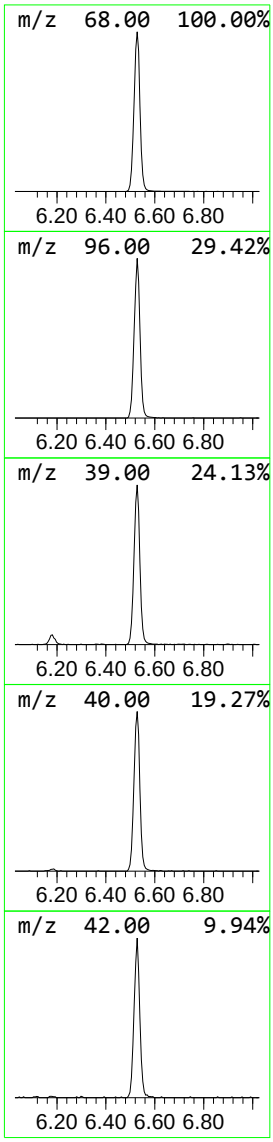
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	63.80 ng/ul	1267620	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	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	42





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Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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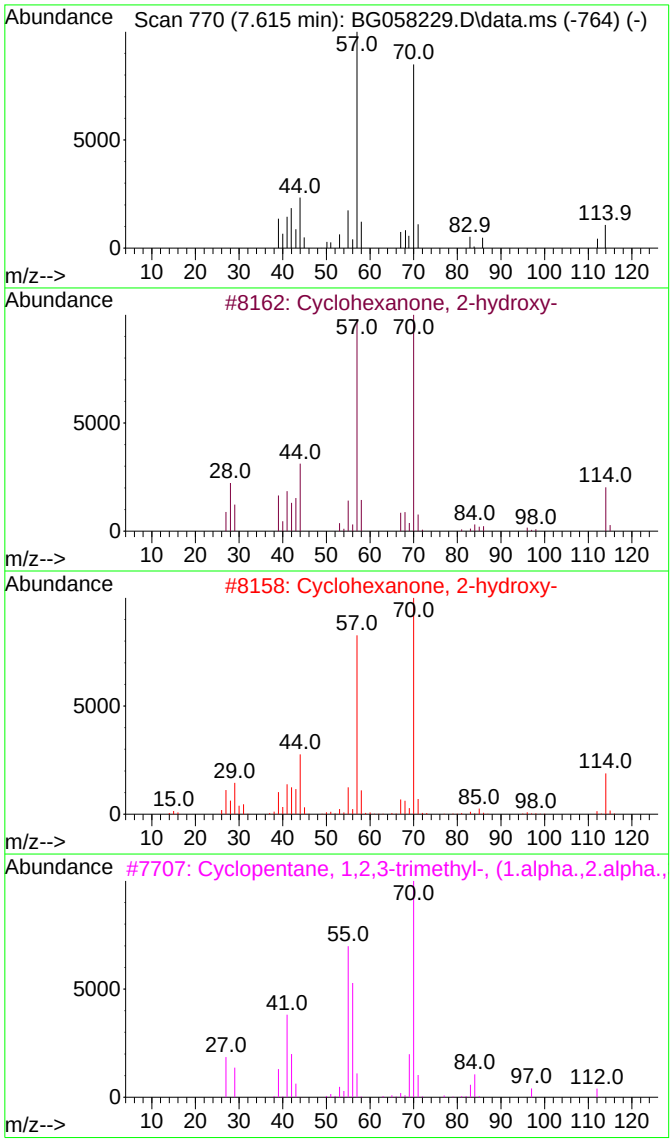
Quant Title : SVOA CALIBRATION

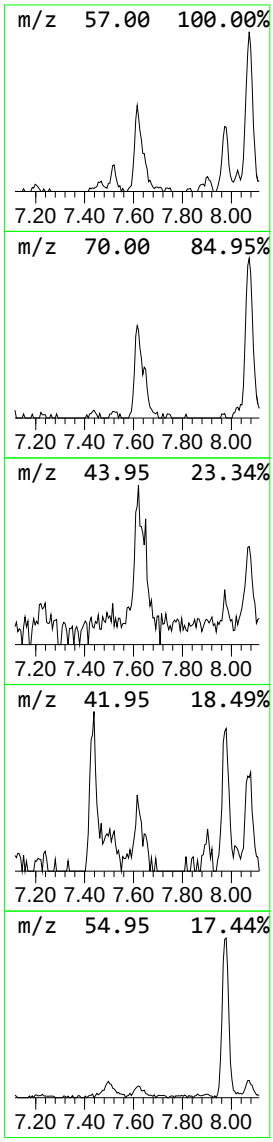
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexanone, 2-hydroxy- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.615	2.68 ng/ul	53263	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	86
2	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	64
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50
5	1,4-Pentanediamine	102	C5H14N2	000591-77-5	45





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Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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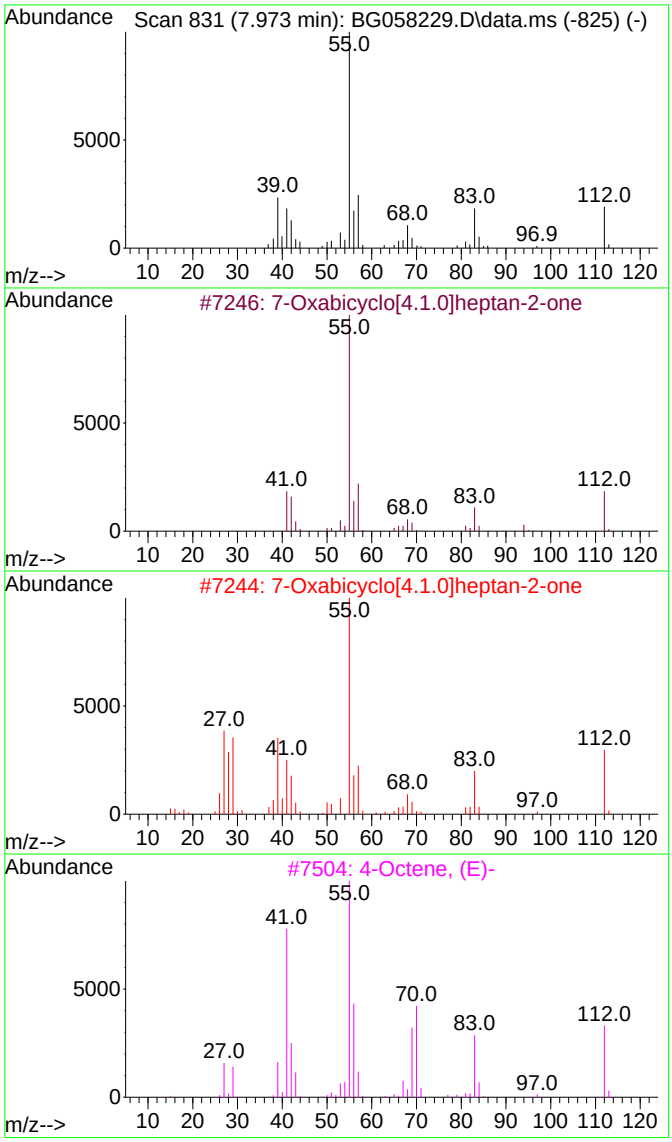
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

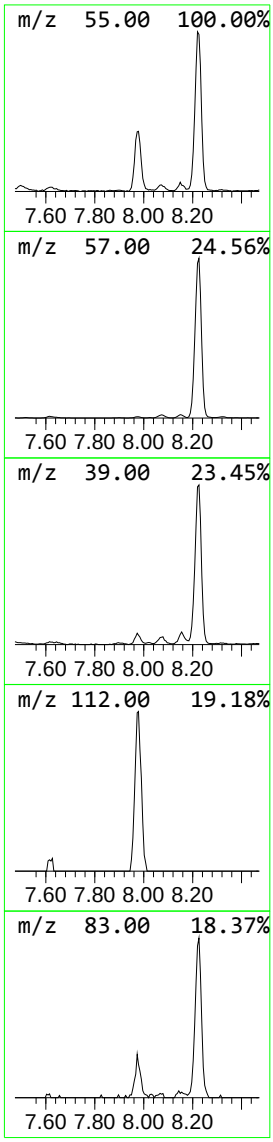
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.973	4.78 ng/ul	94883	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	90
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	74
3	4-Octene, (E)-	112	C8H16	014850-23-8	59
4	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	58
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	53





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Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46J2

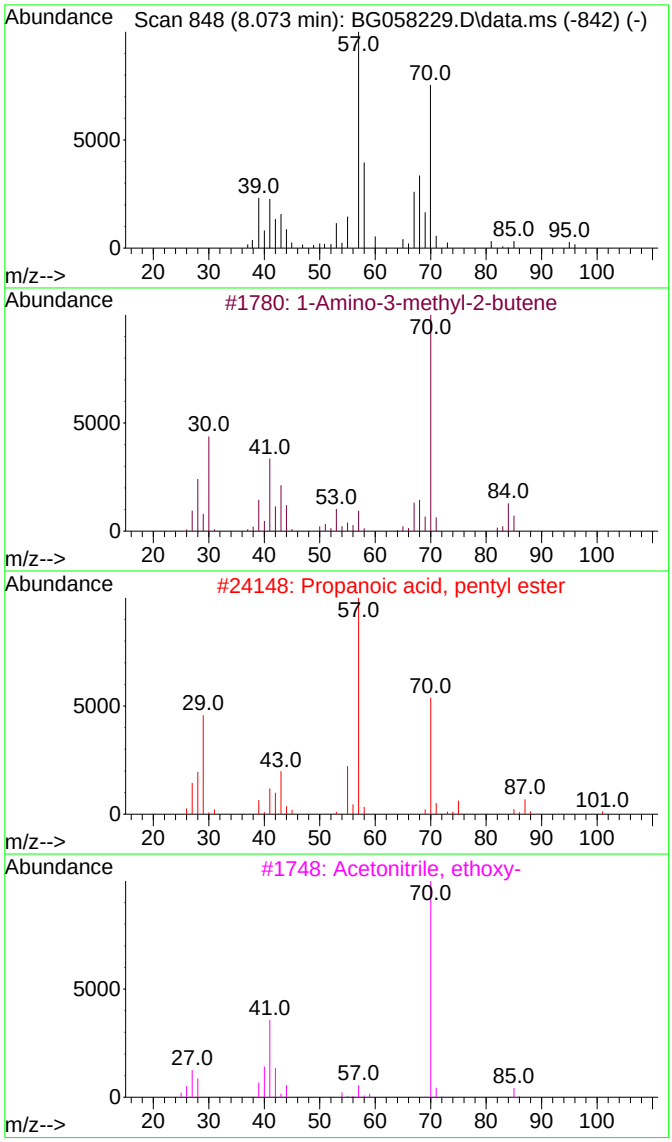
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

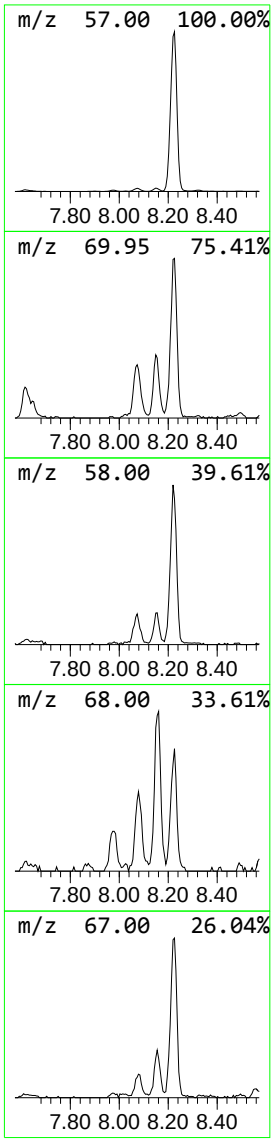
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.073	4.88 ng/ul	96980	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	25
2	Propanoic acid, pentyl ester	144	C8H16O2	000624-54-4	17
3	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	16
4	Propanoic acid, 2-penten-1-yl es...	142	C8H14O2	1000159-21-9	12
5	2-Butenal, (Z)-	70	C4H6O	015798-64-8	9





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Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

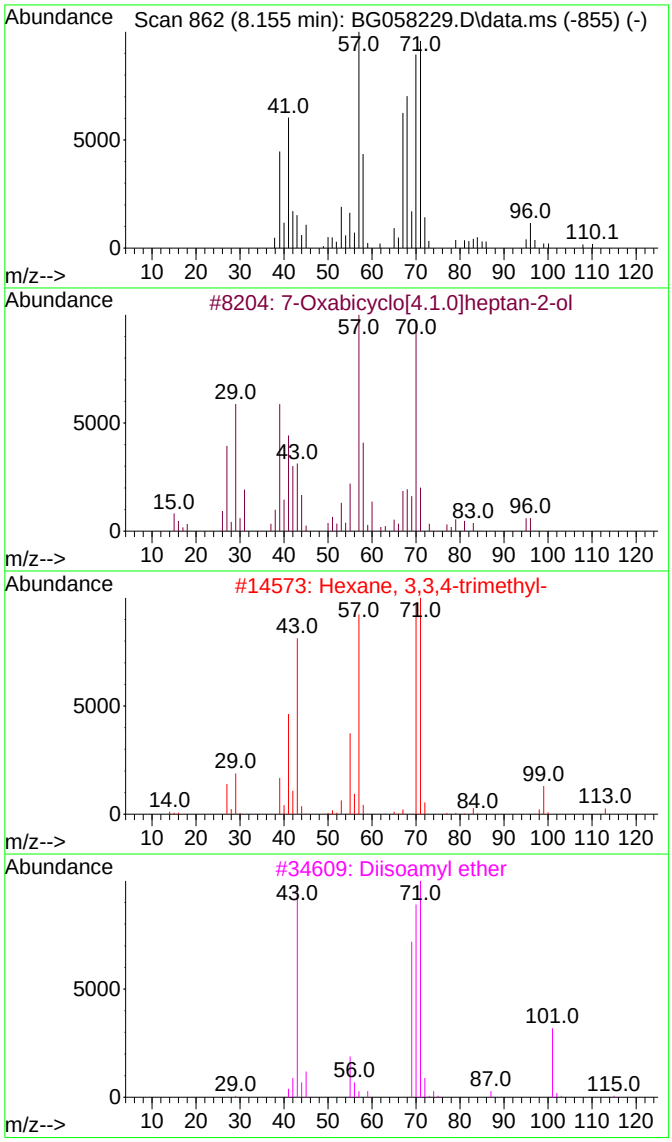
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

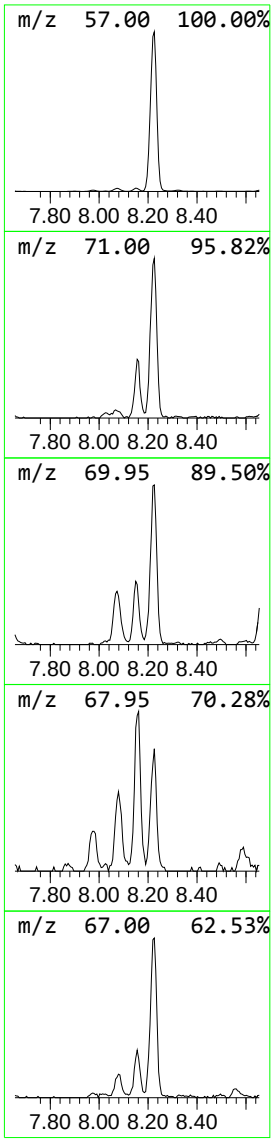
****

Peak Number 14 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.155	7.01 ng/ul	139359	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	35
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	32
3	Diisoamyl ether	158	C10H22O	000544-01-4	25
4	Isoprene	68	C5H8	000078-79-5	18
5	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	14





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ALS Vial : 37 Sample Multiplier: 1

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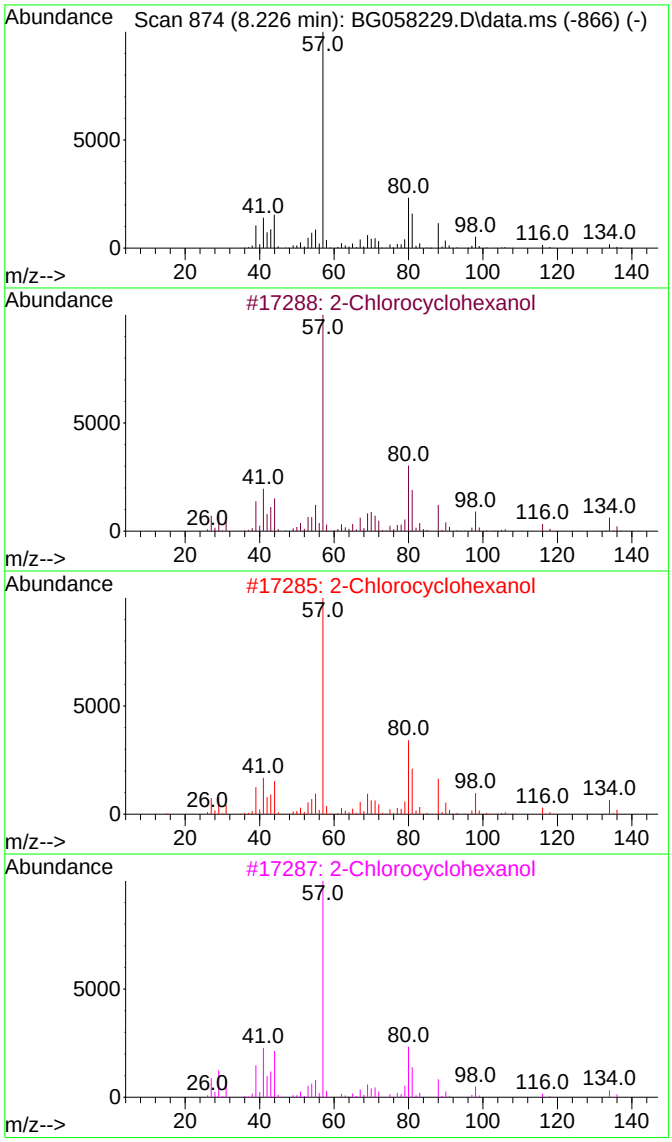
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

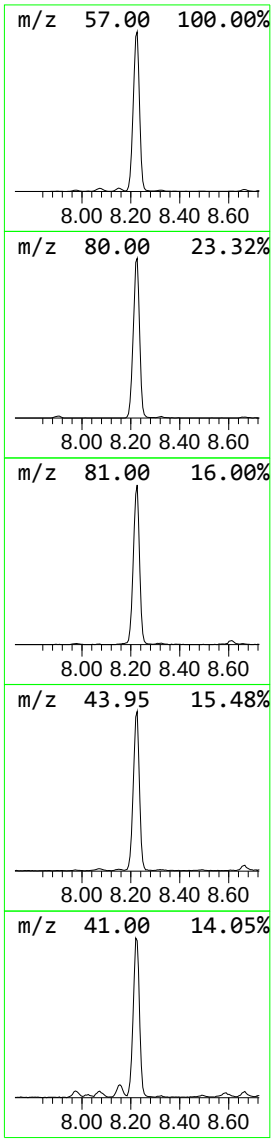
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Chlorocyclohexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.226	142.85 ng/ul	2838010	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	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
4	Cyclohexanol, 2-chloro-, trans-	134	C6H11ClO	006628-80-4	53
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50





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ALS Vial : 37 Sample Multiplier: 1

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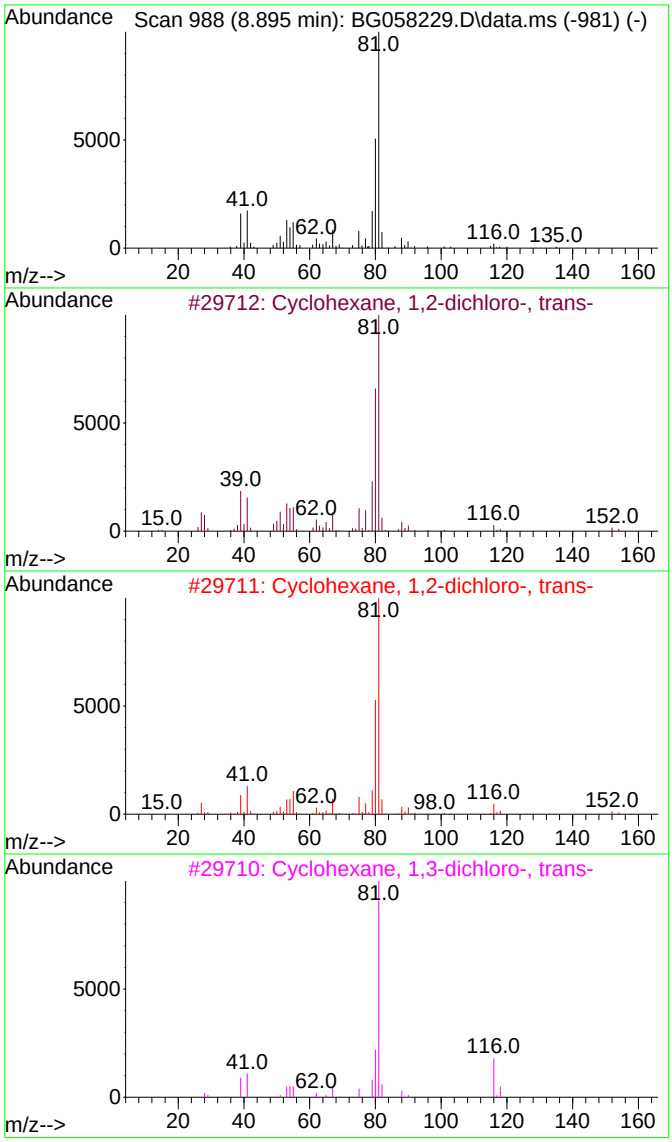
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

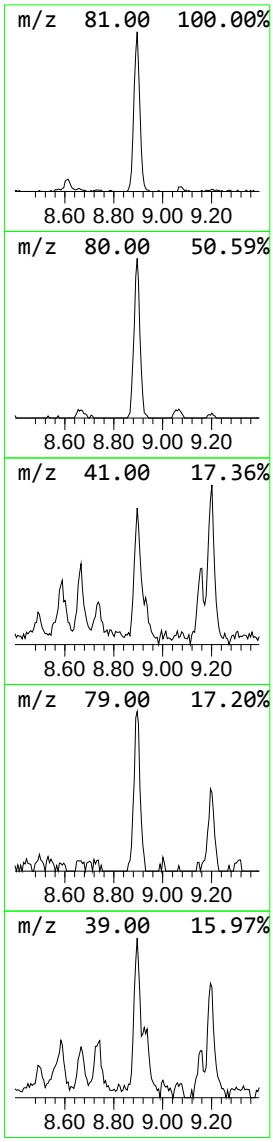
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, 1,2-dichloro-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.895	7.53 ng/ul	149606	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	83
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	72
3	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	64
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	56
5	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	56





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Acq On : 14 Jul 2023 13:35
Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J2

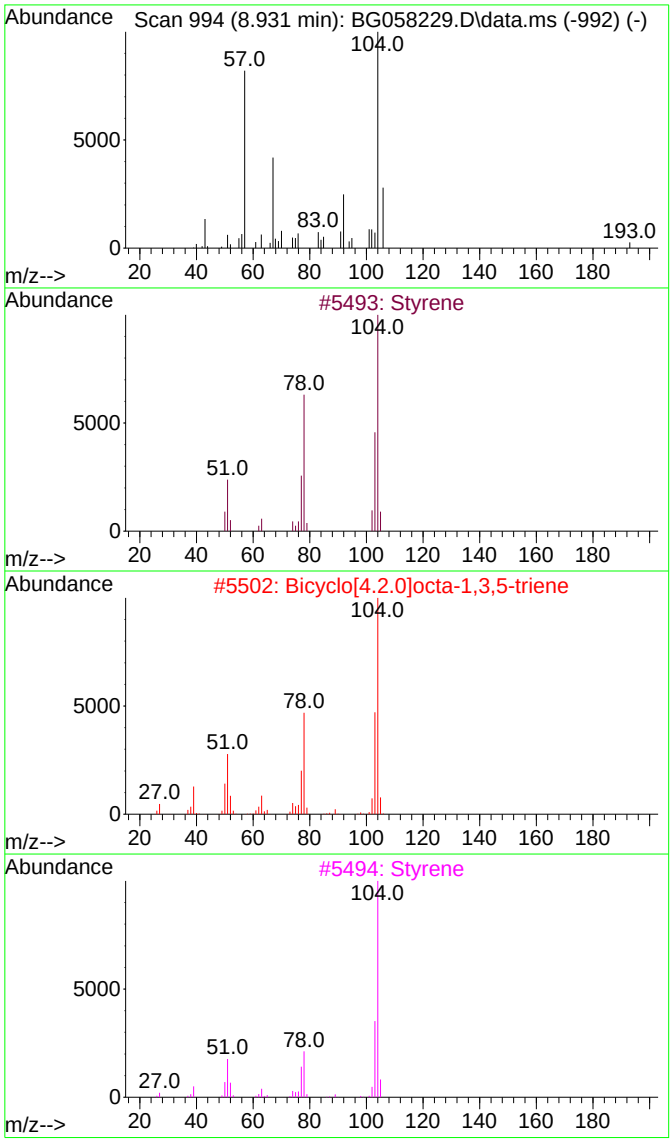
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

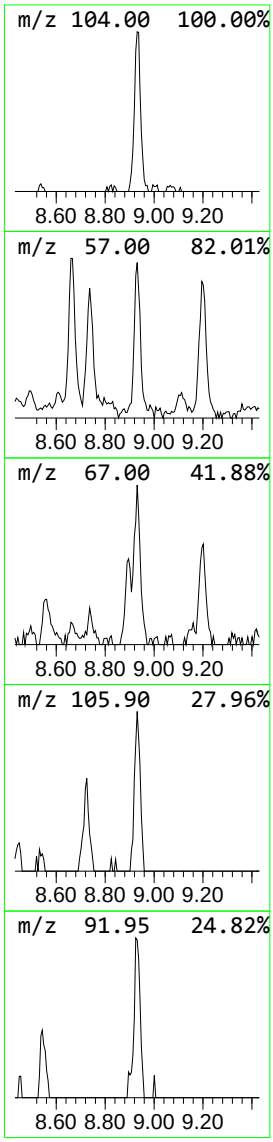
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.931	2.67 ng/ul	52975	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	16
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	12
3	Styrene	104	C8H8	000100-42-5	9
4	Styrene	104	C8H8	000100-42-5	9
5	Oxalic acid, 2-phenylethyl tetra...	390	C24H38O4	1000309-66-8	9





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

Instrument :
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ClientSampleId :
A46J2

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

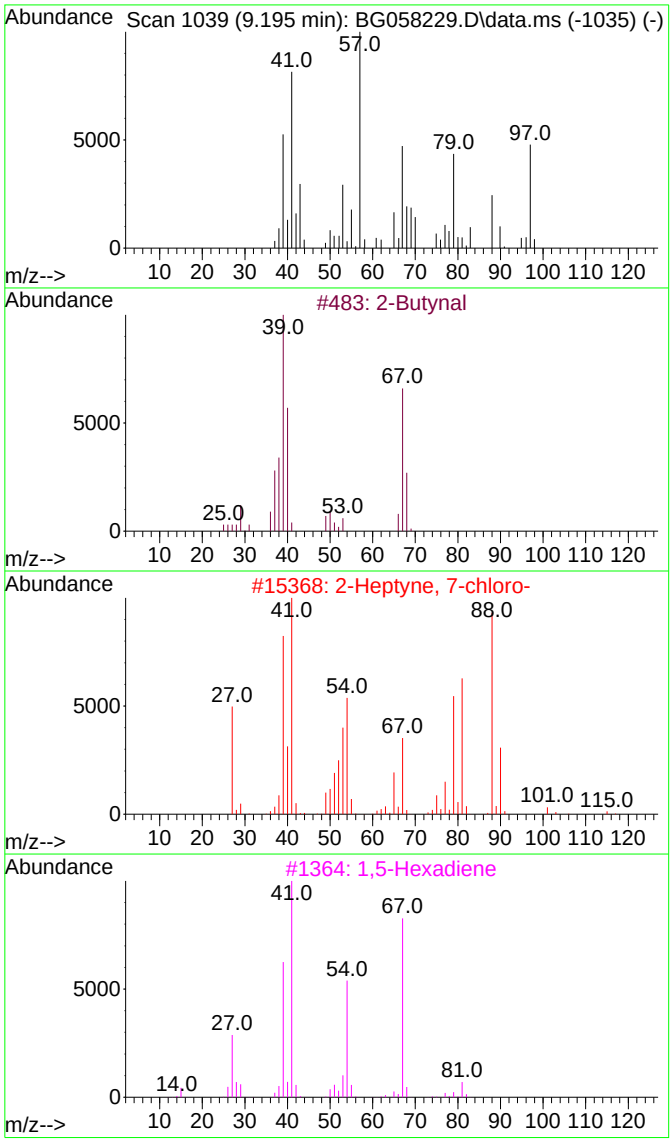
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

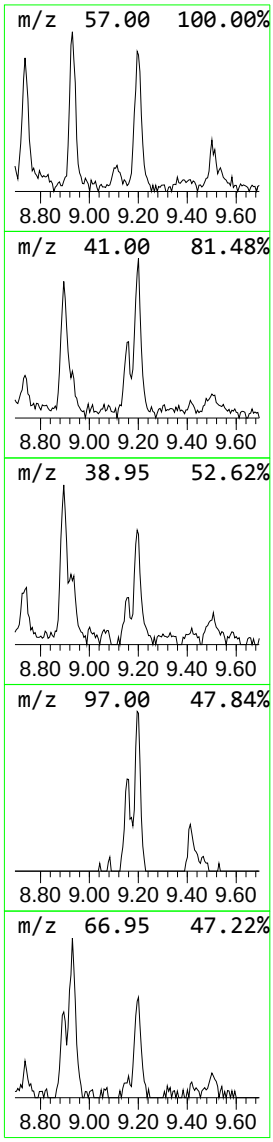
****

Peak Number 18 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.195	4.01 ng/ul	79617	1,4-Dichlorobenzene-d4	7.902

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butynal	68	C4H4O	001119-19-3	27
2	2-Heptyne, 7-chloro-	130	C7H11Cl	070396-13-3	25
3	1,5-Hexadiene	82	C6H10	000592-42-7	22
4	1-Pentene, 5-nitro-	115	C5H9NO2	023542-51-0	12
5	Oxirane, 3-butenyl-	98	C6H10O	010353-53-4	12





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Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

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

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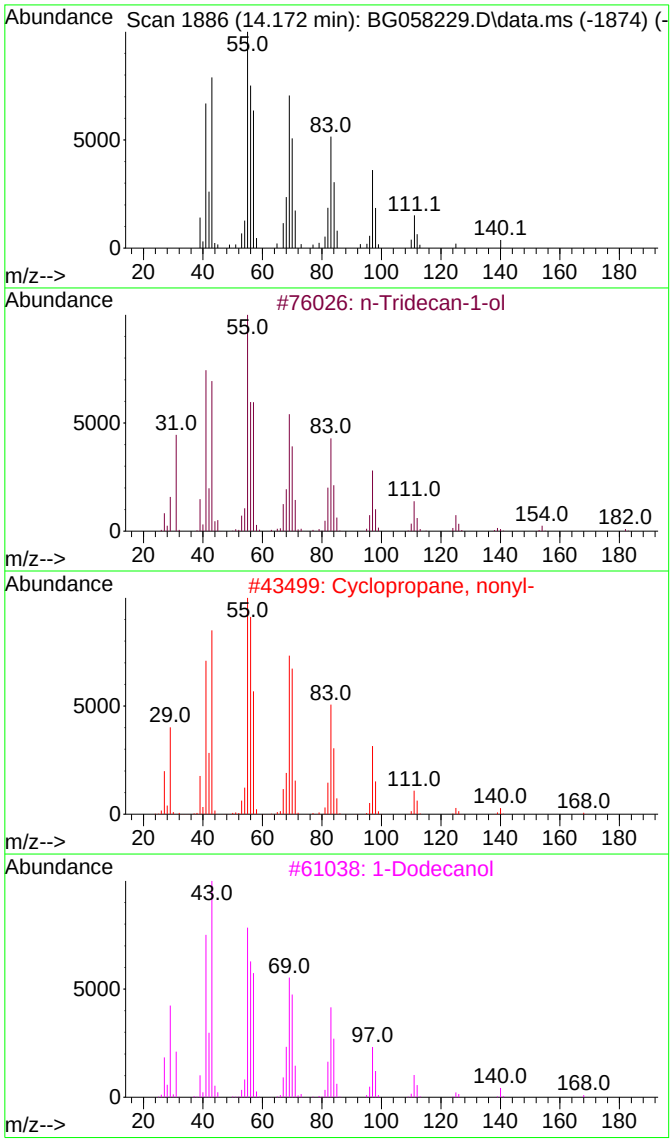
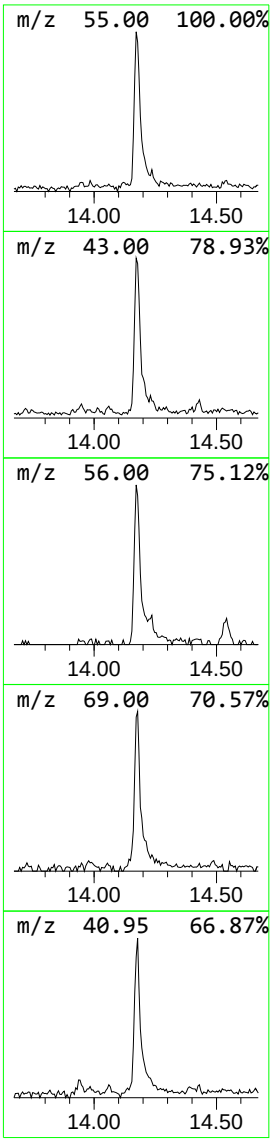
Peak Number 19 n-Tridecan-1-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.172	3.21 ng/ul	159520	Acenaphthene-d10	14.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tridecan-1-ol	200	C13H28O	000112-70-9	90
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	90
3	1-Dodecanol	186	C12H26O	000112-53-8	90
4	1-Dodecene	168	C12H24	000112-41-4	86
5	1-Dodecene	168	C12H24	000112-41-4	86





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Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

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

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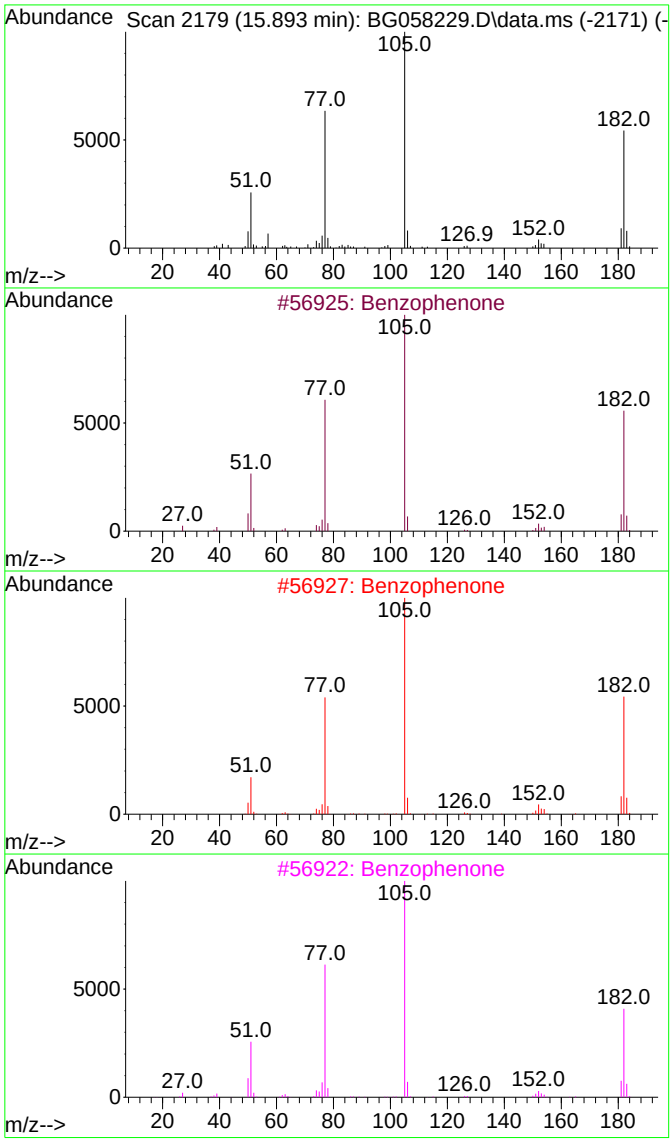
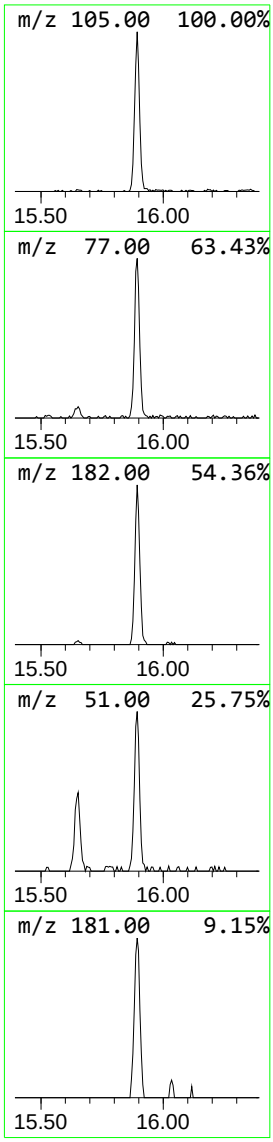
Peak Number 20 Benzophenone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	2.60 ng/ul	128957	Acenaphthene-d10	14.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
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	90





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Operator : CG/JU
Sample : 03418-13
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ALS Vial : 37 Sample Multiplier: 1

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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

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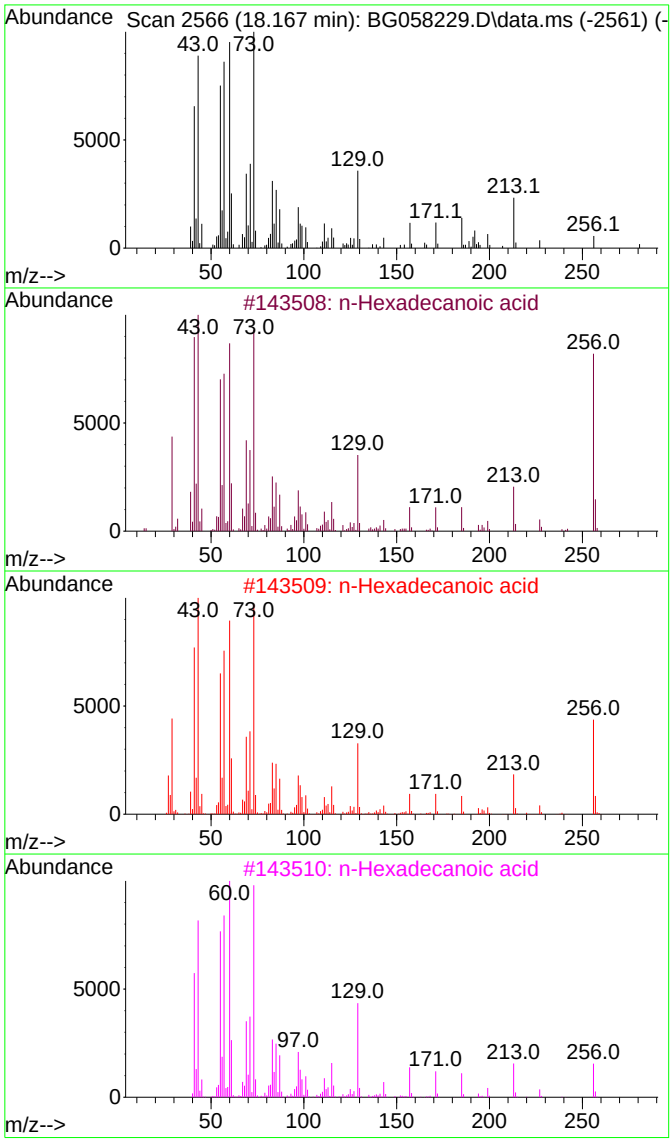
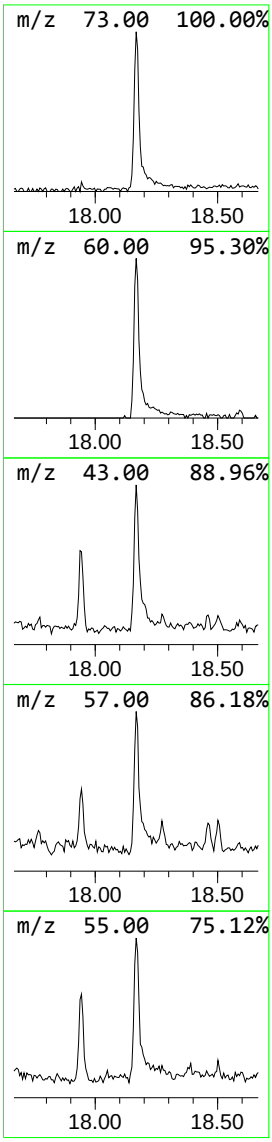
Peak Number 21 n-Hexadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.167	3.21 ng/ul	215969	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46J2

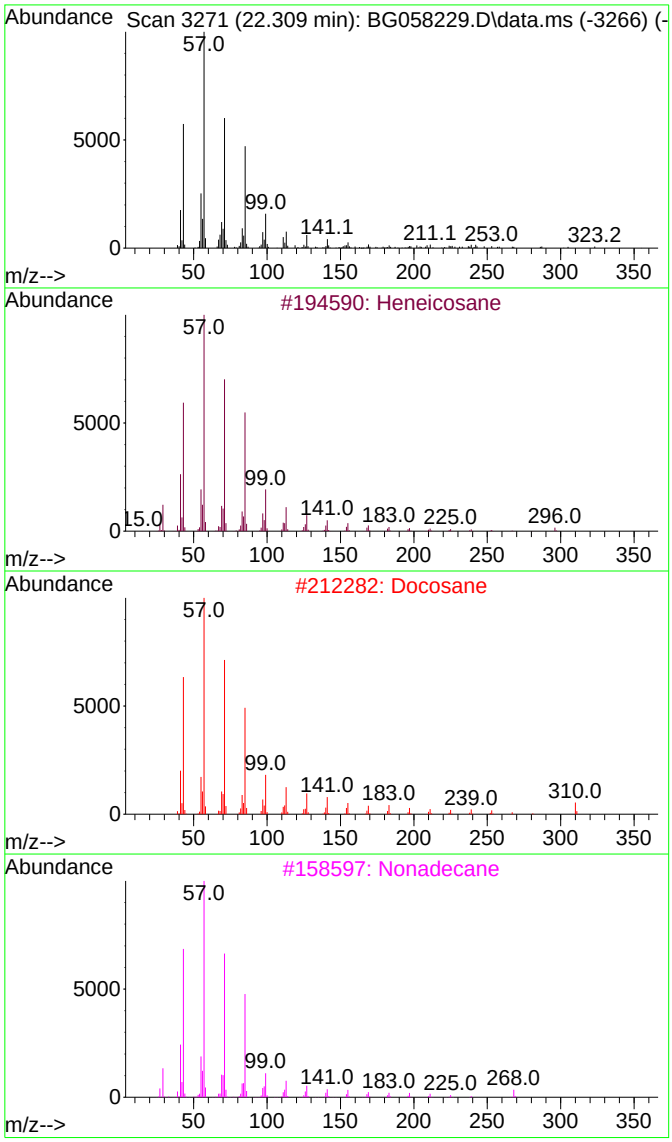
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

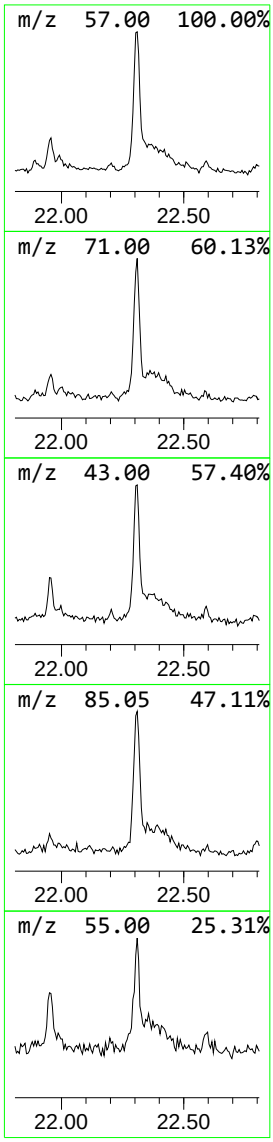
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.309	2.82 ng/ul	204885	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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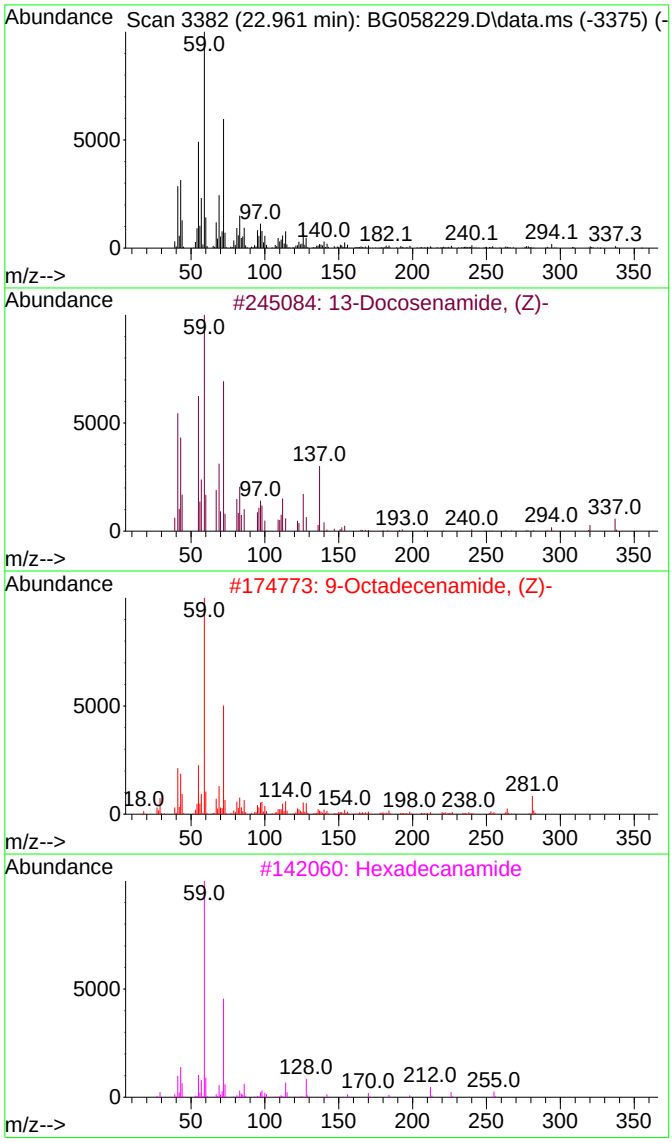
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

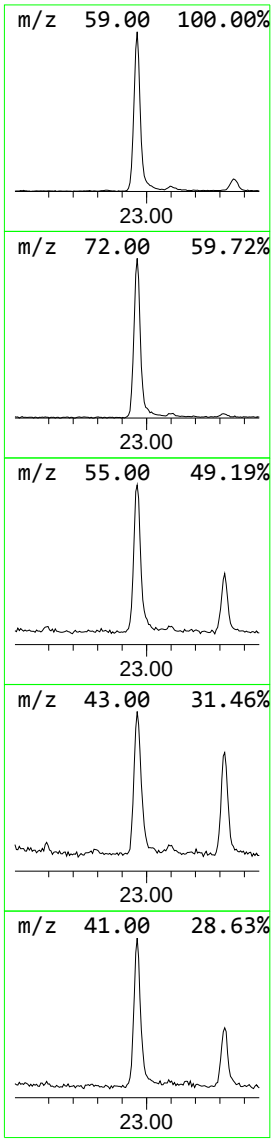
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.961	13.70 ng/ul	996752	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Hexadecanamide	255	C16H33NO	000629-54-9	78
4	Tetradecanamide	227	C14H29NO	000638-58-4	72
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	62





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Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

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

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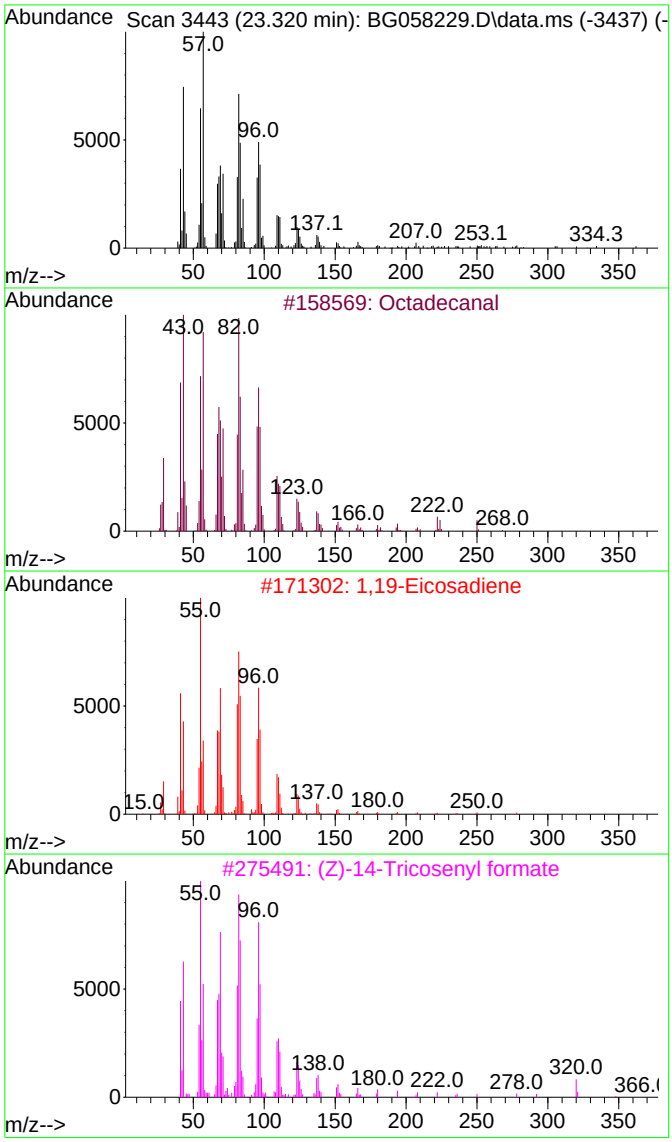
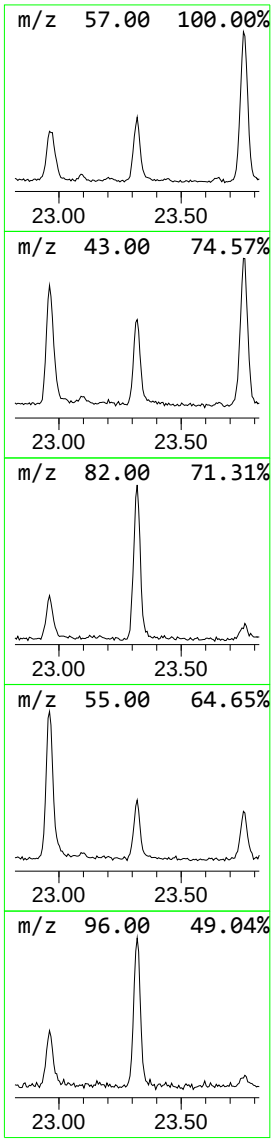
Peak Number 24 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.320	5.28 ng/ul	411920	Perylene-d12	24.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
4	Tricosanal	338	C23H46O	072934-02-2	90
5	Hexacosanal	380	C26H52O	026627-85-0	87





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46J2

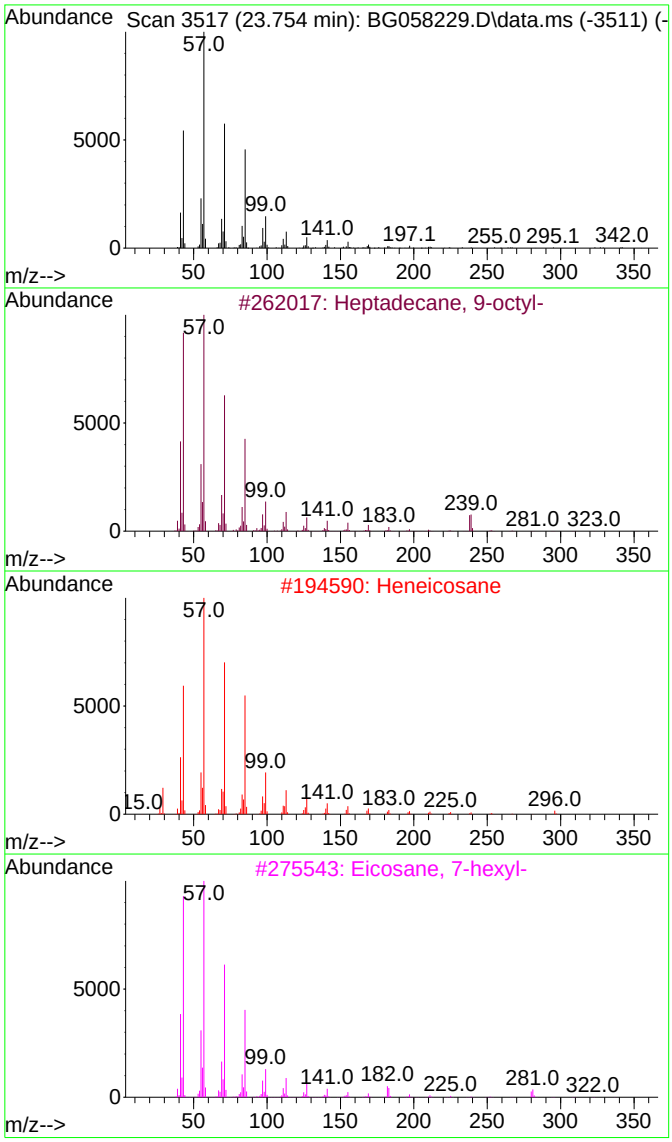
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

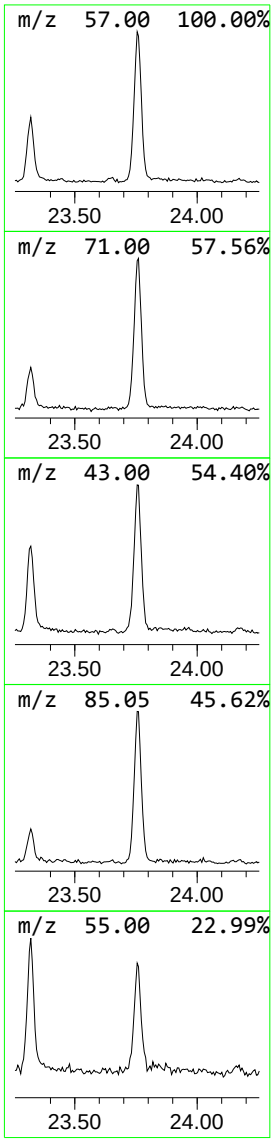
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.755	6.36 ng/ul	495667	Perylene-d12	24.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Triacontane	422	C30H62	000638-68-6	90





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

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

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

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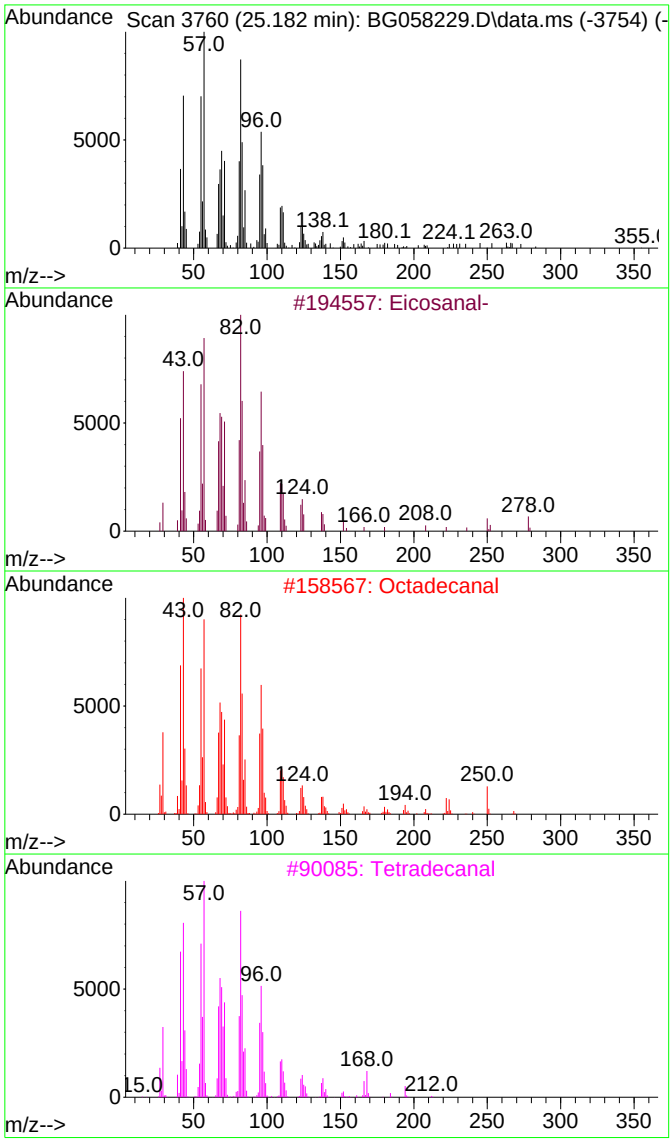
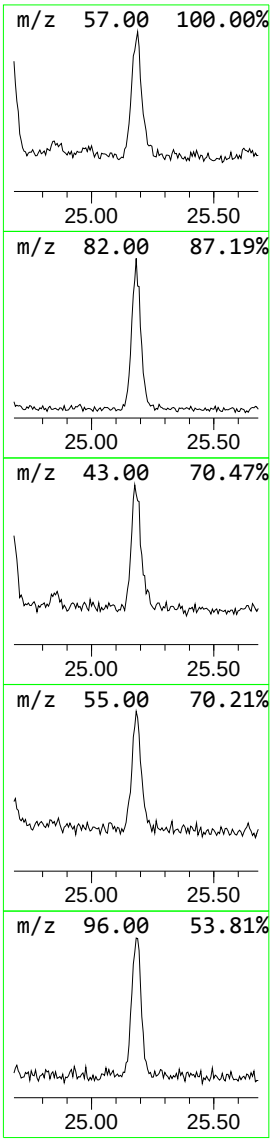
Peak Number 26 Eicosanal- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.182	3.39 ng/ul	264196	Perylene-d12	24.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanal-	296	C20H40O	002400-66-0	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Tetradecanal	212	C14H28O	000124-25-4	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Octadecanal	268	C18H36O	000638-66-4	90





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ALS Vial : 37 Sample Multiplier: 1

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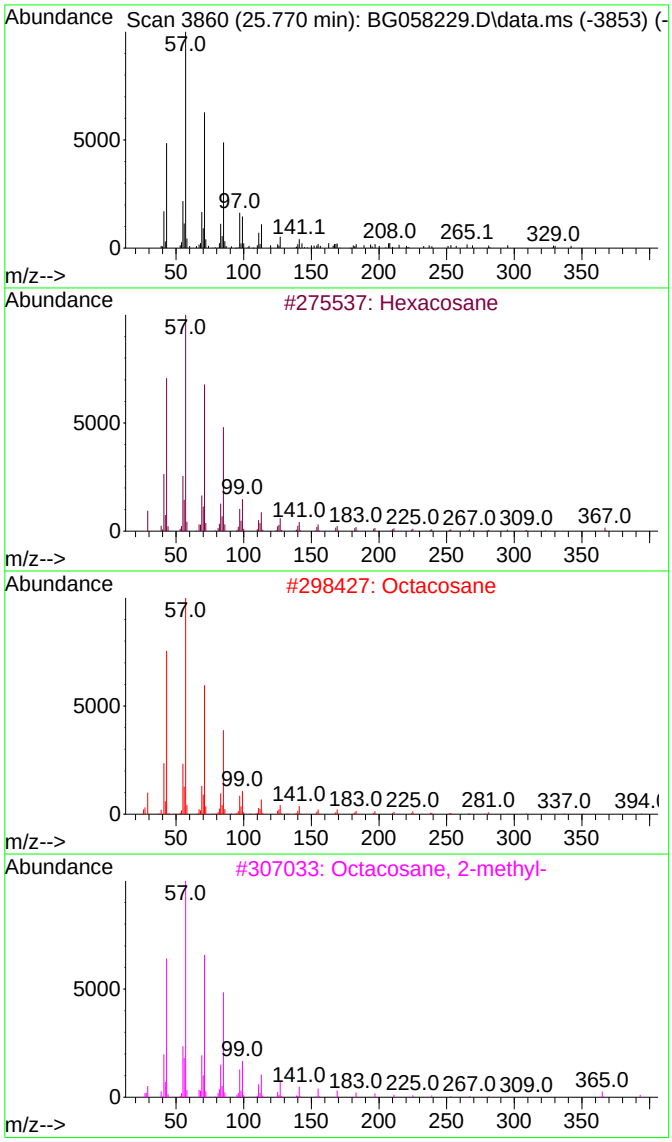
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

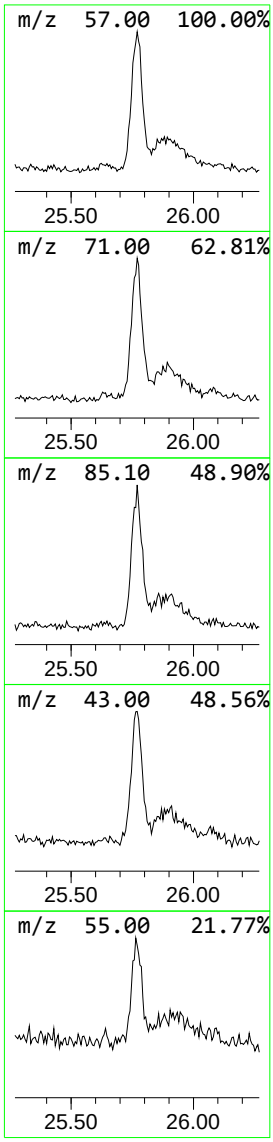
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.770	2.54 ng/ul	197790	Perylene-d12	24.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86





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Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

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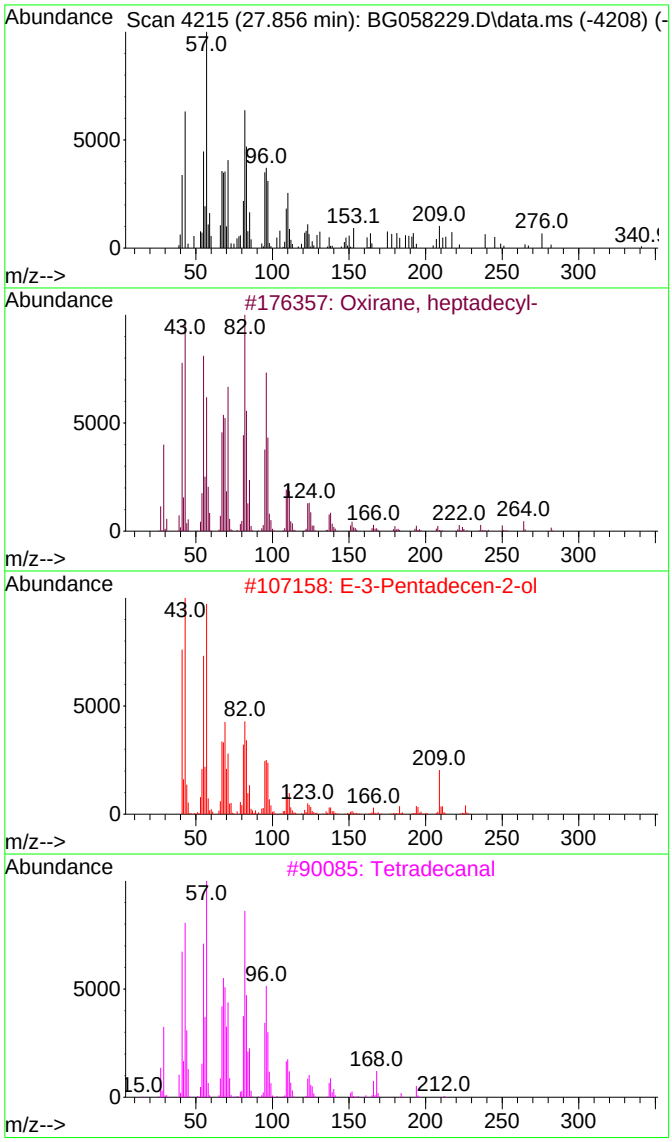
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

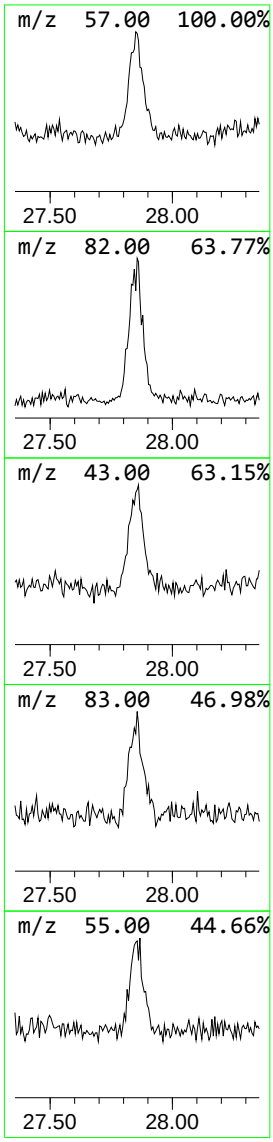
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Oxirane, heptadecyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.856	2.04 ng/ul	159067	Perylene-d12	24.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	E-3-Pentadecen-2-ol	226	C15H30O	1000130-83-8	72
3	Tetradecanal	212	C14H28O	000124-25-4	72
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68
5	Pentadecanal-	226	C15H30O	002765-11-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058229.D
Acq On : 14 Jul 2023 13:35
Operator : CG/JU
Sample : 03418-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46J2

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
Ethylidenecyclo...	3.155	634.1	ng/ul	12597200	1	7.902	397349	20.0
1,3-Pentadiene,...	4.342	3.4	ng/ul	66844	1	7.902	397349	20.0
Tetrachloroethy...	4.618	4.2	ng/ul	83612	1	7.902	397349	20.0
7-Oxabicyclo[4....	5.358	3.6	ng/ul	71354	1	7.902	397349	20.0
Benzene, 1,3-di...	5.541	4.6	ng/ul	92023	1	7.902	397349	20.0
2-Cyclohexen-1-ol	5.799	40.3	ng/ul	799990	1	7.902	397349	20.0
2,4-Dimethylfuran	5.840	5.6	ng/ul	111424	1	7.902	397349	20.0
1,3-Cyclopentad...	5.911	2.5	ng/ul	48771	1	7.902	397349	20.0
Cyclohexene, 3-...	6.181	7.9	ng/ul	156509	1	7.902	397349	20.0
2-Cyclohexen-1-one	6.528	63.8	ng/ul	1267620	1	7.902	397349	20.0
Cyclohexanone, ...	7.615	2.7	ng/ul	53263	1	7.902	397349	20.0
7-Oxabicyclo[4....	7.973	4.8	ng/ul	94883	1	7.902	397349	20.0
unknown-01	8.073	4.9	ng/ul	96980	1	7.902	397349	20.0
unknown-02	8.155	7.0	ng/ul	139359	1	7.902	397349	20.0
2-Chlorocyclohe...	8.226	142.8	ng/ul	2838010	1	7.902	397349	20.0
Cyclohexane, 1,...	8.895	7.5	ng/ul	149606	1	7.902	397349	20.0
unknown-03	8.931	2.7	ng/ul	52975	1	7.902	397349	20.0
unknown-04	9.195	4.0	ng/ul	79617	1	7.902	397349	20.0
n-Tridecan-1-ol	14.172	3.2	ng/ul	159520	3	14.542	992674	20.0
Benzophenone	15.893	2.6	ng/ul	128957	3	14.542	992674	20.0
n-Hexadecanoic ...	18.167	3.2	ng/ul	215969	4	17.286	1346550	20.0
(DEL) Alkane: S...	22.309	2.8	ng/ul	204885	5	21.539	1455060	20.0
13-Docosenamide...	22.961	13.7	ng/ul	996752	5	21.539	1455060	20.0
Octadecanal	23.320	5.3	ng/ul	411920	6	24.683	1558900	20.0
(DEL) Alkane: S...	23.755	6.4	ng/ul	495667	6	24.683	1558900	20.0
Eicosanal-	25.182	3.4	ng/ul	264196	6	24.683	1558900	20.0
(DEL) Alkane: S...	25.770	2.5	ng/ul	197790	6	24.683	1558900	20.0
Oxirane, heptad...	27.856	2.0	ng/ul	159067	6	24.683	1558900	20.0