LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058234.D
Acq On : 14 Jul 2023 17:05
Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46E9

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: BG058234.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.159	5	12	48	rVB	6408645	14137105	100.00%	37.776%
2	3.758	110	114	127	rBV	39753	75375	0.53%	0.201%
3	4.093	166	171	179	rVB2	24167	36819	0.26%	0.098%
4	4.340	207	213	223	rVB2	41813	73017	0.52%	0.195%
5	4.622	255	261	272	rVB2	55403	100045	0.71%	0.267%
6	5.362	381	387	392	rBV2	52340	86231	0.61%	0.230%
7	5.544	412	418	431	rVB	44703	105976	0.75%	0.283%
8	5.803	451	462	467	rBV	461477	881637	6.24%	2.356%
9	5.838	467	468	476	rVB	88046	102950	0.73%	0.275%
10	5.909	476	480	485	rBV3	19899	30904	0.22%	0.083%
11	6.179	519	526	535	rBV	102609	172286	1.22%	0.460%
12	6.526	577	585	600	rBV	801942	1427947	10.10%	3.816%
13	7.072	668	678	691	rBV	121304	239482	1.69%	0.640%
14	7.231	698	705	716	rVB	96067	160086	1.13%	0.428%
15	7.436	733	740	749	rBV2	113136	243202	1.72%	0.650%
16	7.519	752	754	763	rVB5	12317	18899	0.13%	0.051%
17	7.619	764	771	775	rBV	23496	46374	0.33%	0.124%
18	7.901	809	819	826	rBV	241146	421098	2.98%	1.125%
19	7.977	826	832	837	rVV2	62193	111231	0.79%	0.297%
20	8.024	837	840	843	rVV5	11712	19225	0.14%	0.051%
21	8.077	843	849	856	rVV2	58142	116243	0.82%	0.311%
22	8.153	856	862	867	rVV3	87462	159042	1.12%	0.425%
23	8.224	867	874	886	rVV	1745751	3117097	22.05%	8.329%
24	8.324	886	891	896	rVB2	11538	19791	0.14%	0.053%
25	8.447	906	912	916	rBV2	11043	18298	0.13%	0.049%
26	8.541	924	928	932	rBV5	11237	21837	0.15%	0.058%
27	8.606	932	939	945	rVV2	49324	116618	0.82%	0.312%
28	8.664	945	949	954	rVV2	37672	63896	0.45%	0.171%
29	8.735	954	961	974	rVB2	53567	122999	0.87%	0.329%
30	8.894	982	988	1000	rVB	93728	201772	1.43%	0.539%
31	9.064	1011	1017	1023	rBV	116847	210146	1.49%	0.562%
32	9.158	1028	1033	1035	rVV3	18767	30861	0.22%	0.082%
33	9.199	1035	1040	1049	rVB2	44622	85798	0.61%	0.229%
34	9.499	1082	1091	1095	rBV6	11904	34360	0.24%	0.092%
35	9.787	1134	1140	1146	rVB	95756	168764	1.19%	0.451%
36	9.945	1162	1167	1177	rVV6	25280	55876	0.40%	0.149%

LSC Area Percent Report

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Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46E9

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	10.086	1184	1191	1198	rBV8	15192	38428	0.27%	0.103%
38	10.327	1222	1232	1248	rBV3	155176	342494	2.42%	0.915%
39	10.562	1262	1272	1279	rBV3	16233	40513	0.29%	0.108%
40	10.703	1284	1296	1303	rBV	374546	706818	5.00%	1.889%
41	10.838	1312	1319	1327	rVB5	10907	26199	0.19%	0.070%
42	11.244	1381	1388	1397	rVB8	13585	30735	0.22%	0.082%
43	11.414	1412	1417	1422	rVV4	12285	22825	0.16%	0.061%
44	11.514	1426	1434	1444	rVB7	13876	38090	0.27%	0.102%
45	12.019	1512	1520	1527	rBV4	14009	29617	0.21%	0.079%
46	12.654	1623	1628	1634	rVB2	31499	51701	0.37%	0.138%
47	12.760	1639	1646	1648	rBV	17090	31243	0.22%	0.083%
48	12.789	1648	1651	1660	rVB3	18003	31102	0.22%	0.083%
49	13.353	1740	1747	1753	rBV	26950	43735	0.31%	0.117%
50	13.429	1753	1760	1763	rBV3	11917	25504	0.18%	0.068%
51	13.941	1841	1847	1856	rBV	311366	463574	3.28%	1.239%
52	14.176	1880	1887	1891	rBV	92504	143580	1.02%	0.384%
53	14.234	1891	1897	1907	rVB	326277	543818	3.85%	1.453%
54	14.540	1943	1949	1956	rVB	635185	987128	6.98%	2.638%
55	14.740	1977	1983	1997	rBV	92236	202392	1.43%	0.541%
56	14.886	2003	2008	2013	rBV3	35678	54324	0.38%	0.145%
57	15.351	2078	2087	2089	rBV7	8957	24855	0.18%	0.066%
58	15.533	2112	2118	2125	rBV	472539	728483	5.15%	1.947%
59	15.650	2131	2138	2150	rVB2	108705	191504	1.35%	0.512%
60	15.785	2152	2161	2166	rVB10	15522	34125	0.24%	0.091%
61	15.844	2166	2171	2174	rBV	10926	19180	0.14%	0.051%
62	15.891	2174	2179	2185	rVV	133714	194304	1.37%	0.519%
63	16.067	2204	2209	2218	rBV	33018	69273	0.49%	0.185%
64	16.255	2235	2241	2246	rVB2	19130	31118	0.22%	0.083%
65	16.455	2270	2275	2280	rBV	41951	58345	0.41%	0.156%
66	16.596	2293	2299	2303	rBV	34180	52248	0.37%	0.140%
67	16.814	2332	2336	2339	rBV4	15058	21999	0.16%	0.059%
68	16.931	2352	2356	2362	rBV7	11281	22011	0.16%	0.059%
69	17.078	2375	2381	2384	rBV6	11817	22325	0.16%	0.060%
70	17.113	2384	2387	2390	rVB	17640	20244	0.14%	0.054%
71	17.160	2391	2395	2398	rBV2	18051	23516	0.17%	0.063%
72	17.284	2410	2416	2421	rBV	823060	1292218	9.14%	3.453%
73	17.384	2427	2433	2441	rVB	311364	474617	3.36%	1.268%
74	17.460	2443	2446	2450	rVB5	15041	20273	0.14%	0.054%
75	17.577	2463	2466	2471	rVB6	14818	18963	0.13%	0.051%
76	17.865	2512	2515	2521	rVB7	16017	33865	0.24%	0.090%

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Misc :
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Instrument :
BNA_G
ClientSampleId :
A46E9

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

77	17.942	2523	2528	2533	rVB	91486	115238	0.82%	0.308%
78	18.165	2562	2566	2571	rBV2	107993	170429	1.21%	0.455%
79	18.353	2594	2598	2601	rBV4	16163	25082	0.18%	0.067%
80	18.659	2647	2650	2654	rBV3	25998	35691	0.25%	0.095%
81	18.717	2657	2660	2663	rVV	20489	29313	0.21%	0.078%
82	18.976	2700	2704	2708	rVB3	26030	36673	0.26%	0.098%
83	19.082	2717	2722	2724	rBV4	22354	34725	0.25%	0.093%
84	19.111	2724	2727	2735	rVB	88353	116705	0.83%	0.312%
85	19.246	2747	2750	2757	rVB3	33953	49093	0.35%	0.131%
86	19.334	2761	2765	2771	rVB	102116	155570	1.10%	0.416%
87	19.440	2779	2783	2786	rBV4	39712	56439	0.40%	0.151%
88	19.675	2817	2823	2835	rVV2	639003	1156508	8.18%	3.090%
89	19.775	2836	2840	2846	rVB2	47835	72954	0.52%	0.195%
90	19.898	2858	2861	2865	rVB2	28887	35733	0.25%	0.095%
91	20.139	2899	2902	2906	rBV5	34236	41664	0.29%	0.111%
92	20.691	2993	2996	3000	rBV4	25170	33481	0.24%	0.089%
93	21.338	3102	3106	3113	rBV2	67375	107528	0.76%	0.287%
94	21.420	3116	3120	3127	rVB	168145	235181	1.66%	0.628%
95	21.538	3133	3140	3155	rVB	803788	1466695	10.37%	3.919%
96	22.307	3267	3271	3278	rBV2	61635	97824	0.69%	0.261%
97	22.959	3375	3382	3398	rBV2	457810	981514	6.94%	2.623%
98	24.458	3629	3637	3646	rBV2	192622	520848	3.68%	1.392%
99	24.681	3665	3675	3686	rBV	528707	1473404	10.42%	3.937%
100	25.768	3854	3860	3874	rBV4	42729	134214	0.95%	0.359%

Sum of corrected areas: 37423079

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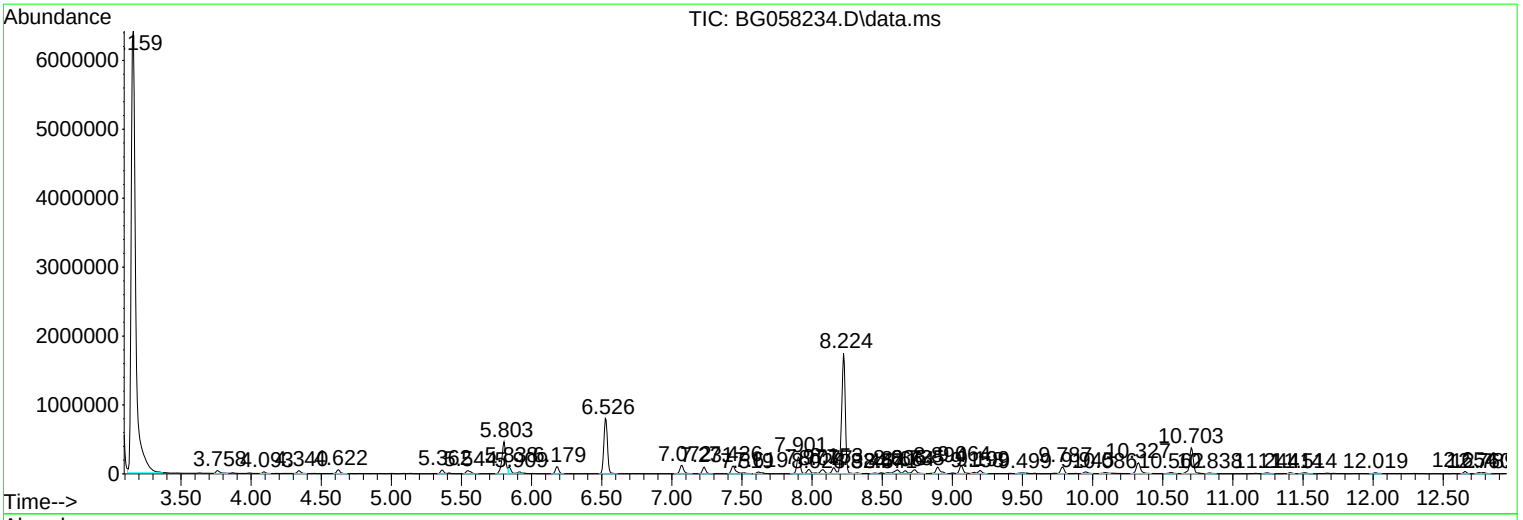
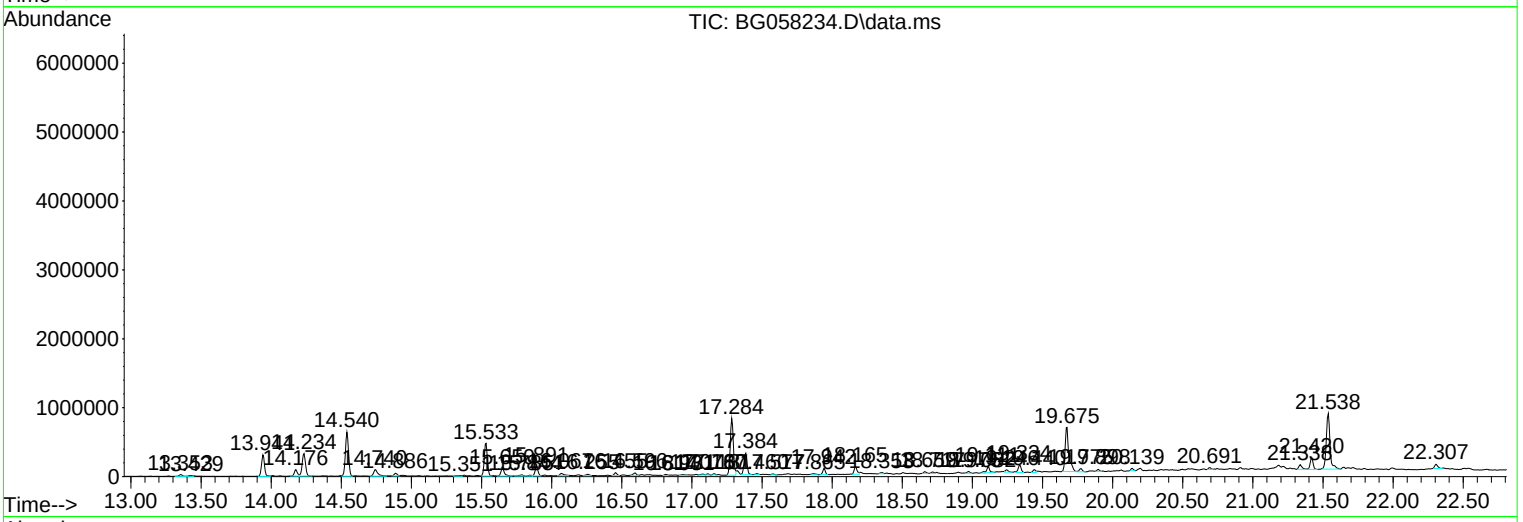
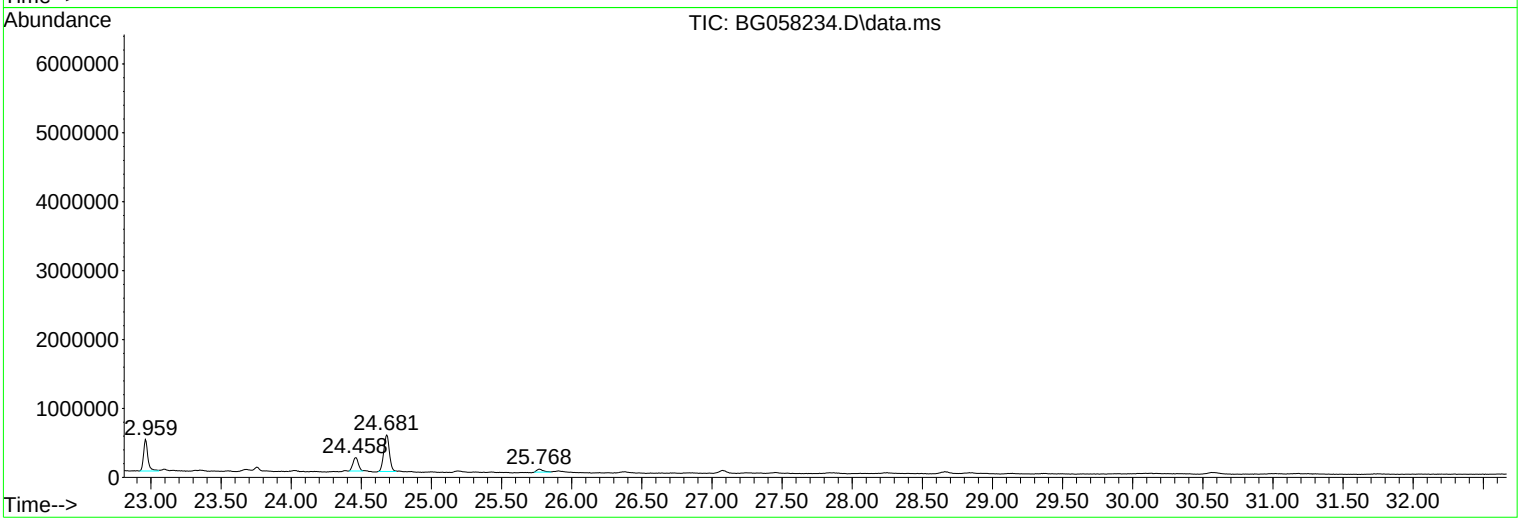
Instrument :
BNA_G
ClientSampleId :
A46E9

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 : BG058234.D
Acq On : 14 Jul 2023 17:05
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Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

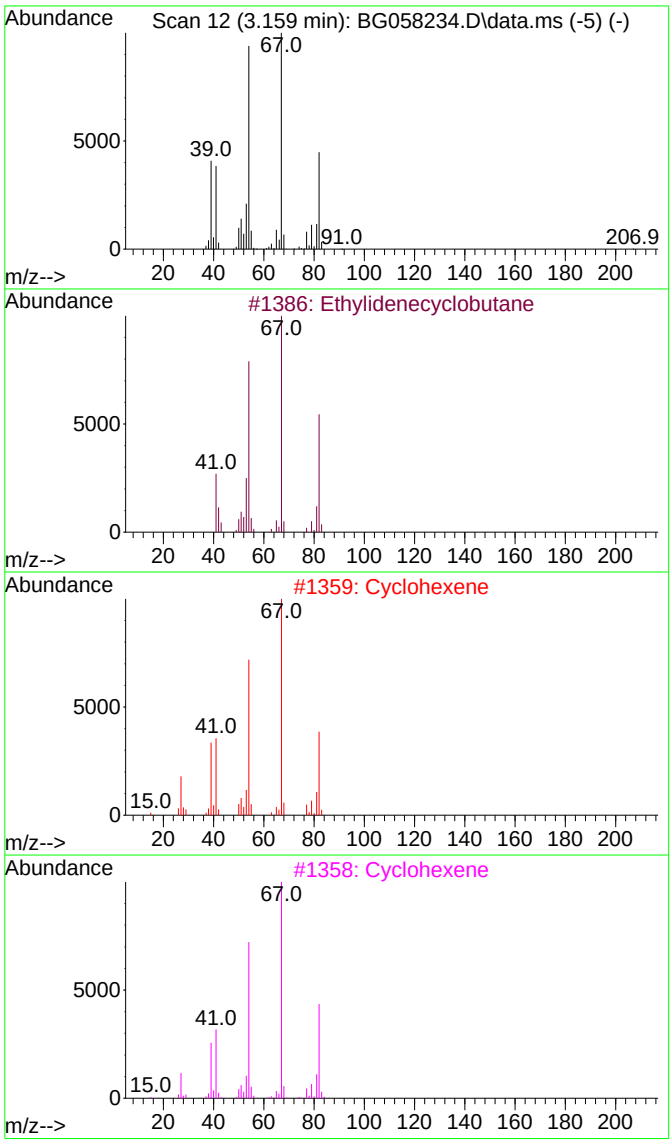
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

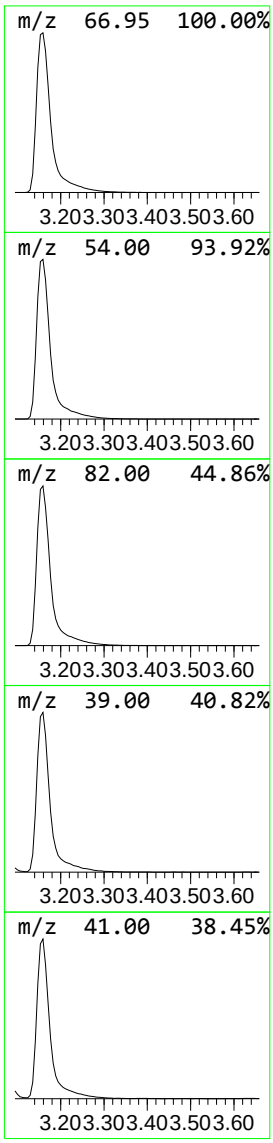
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethylidenecyclobutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.159	671.44 ng/ul	14137100	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	94
2	Cyclohexene	82	C6H10	000110-83-8	87
3	Cyclohexene	82	C6H10	000110-83-8	83
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	83
5	Cyclohexene	82	C6H10	000110-83-8	76





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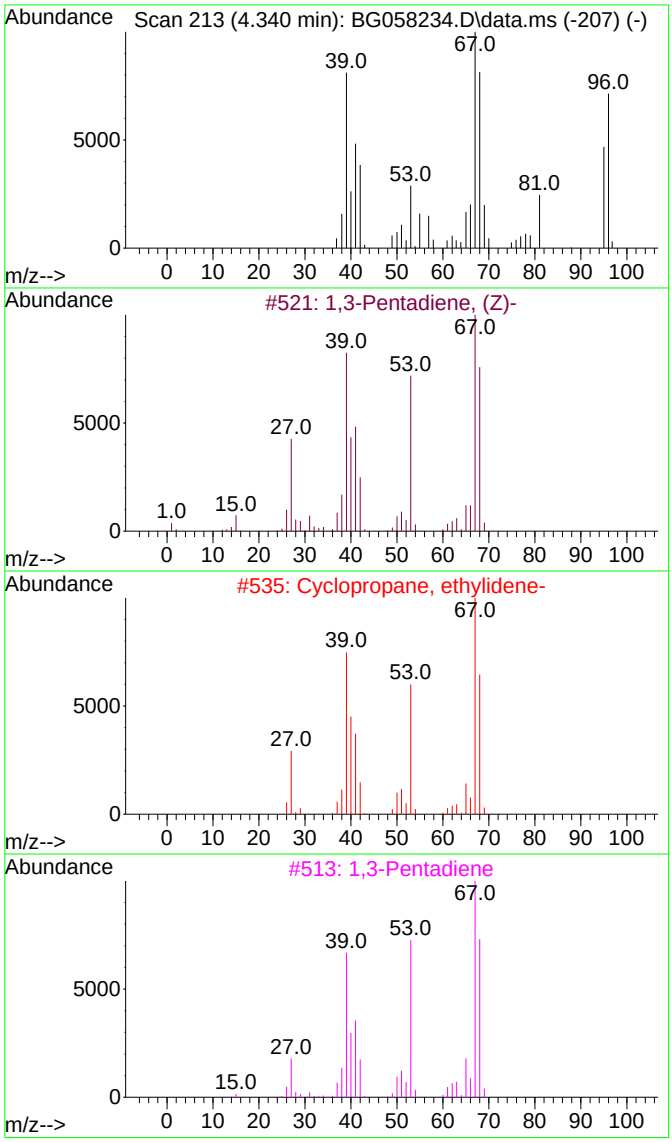
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

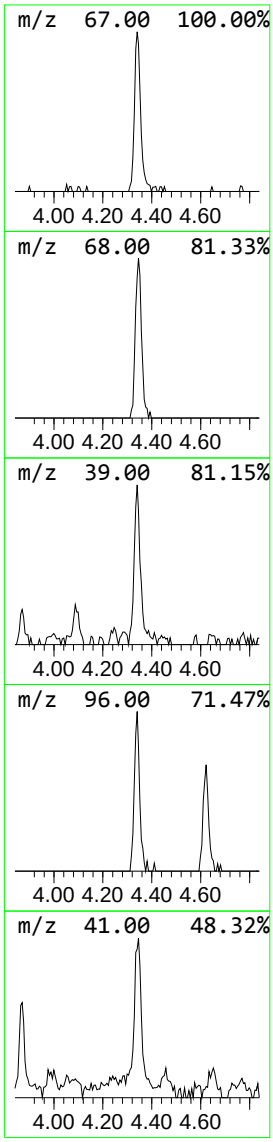
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Pentadiene, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.340	3.47 ng/ul	73017	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	58
2	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	58
3	1,3-Pentadiene	68	C5H8	000504-60-9	58
4	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	53
5	Cyclopentene	68	C5H8	000142-29-0	53





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Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

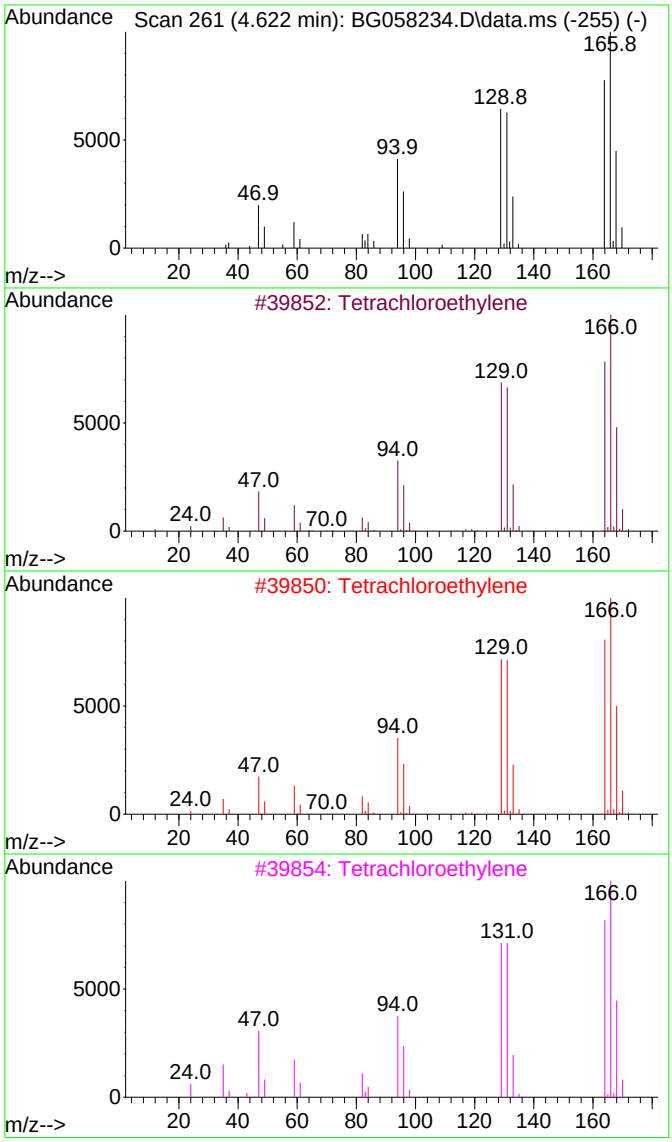
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

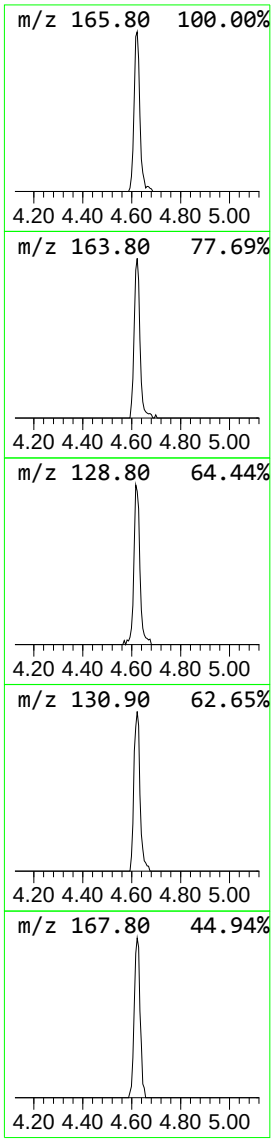
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.622	4.75 ng/ul	100045	1,4-Dichlorobenzene-d4	7.906

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	2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	35





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Sample : 03418-07
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ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

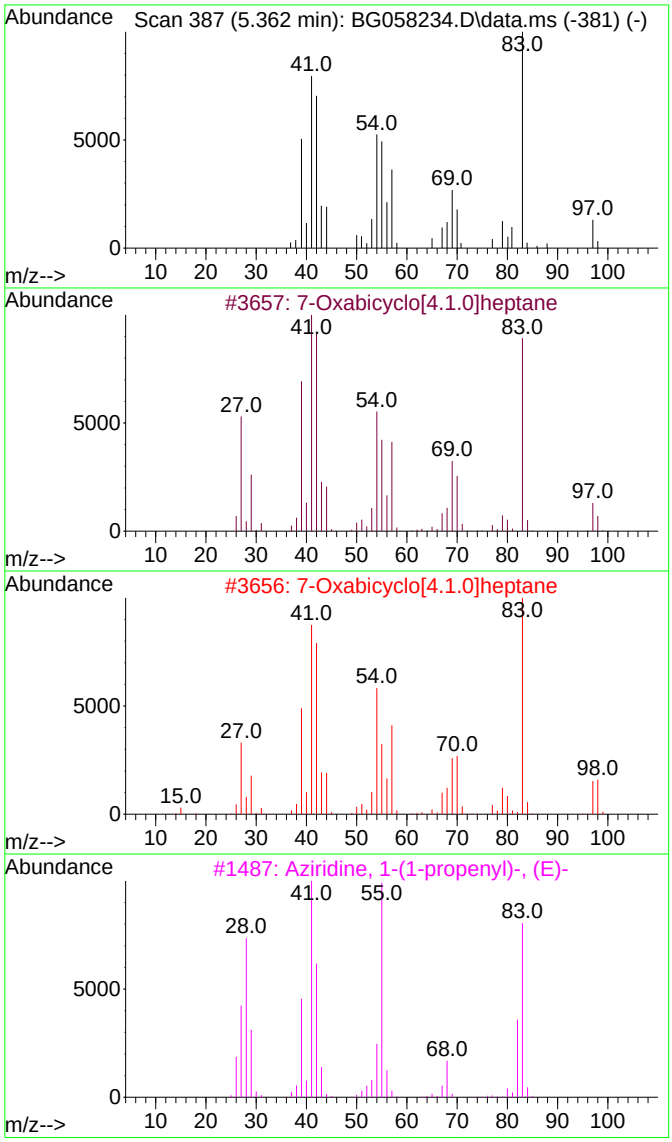
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

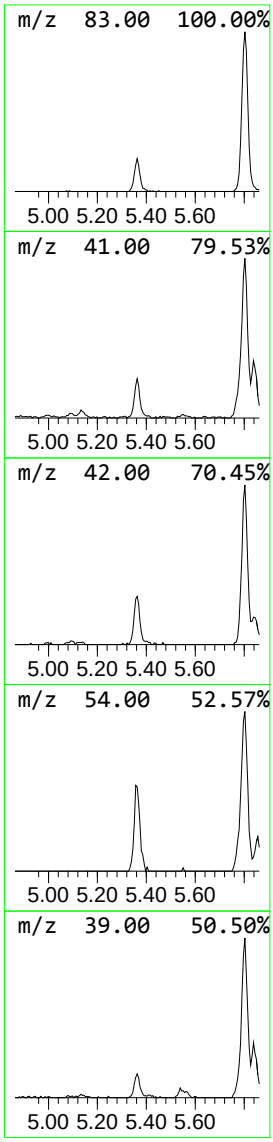
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Oxabicyclo[4.1.0]heptane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.362	4.10 ng/ul	86231	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	59
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	56
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	42
4	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	25
5	1-Pentyne, 3-methoxy-3-methyl-	112	C7H12O	022802-35-3	16





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Data File : BG058234.D
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Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

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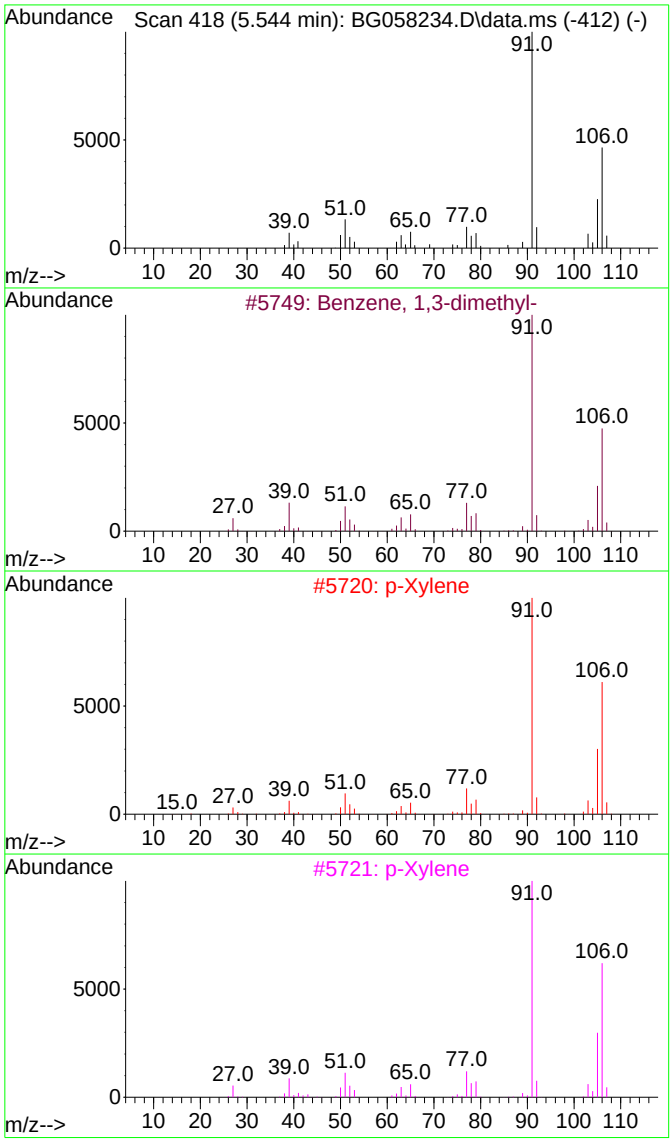
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

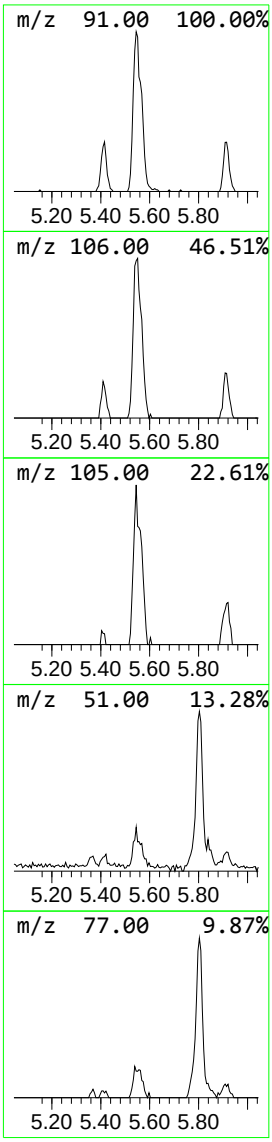
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.544	5.03 ng/ul	105976	1,4-Dichlorobenzene-d4	7.906

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	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





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Acq On : 14 Jul 2023 17:05
Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

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Quant Title : SVOA CALIBRATION

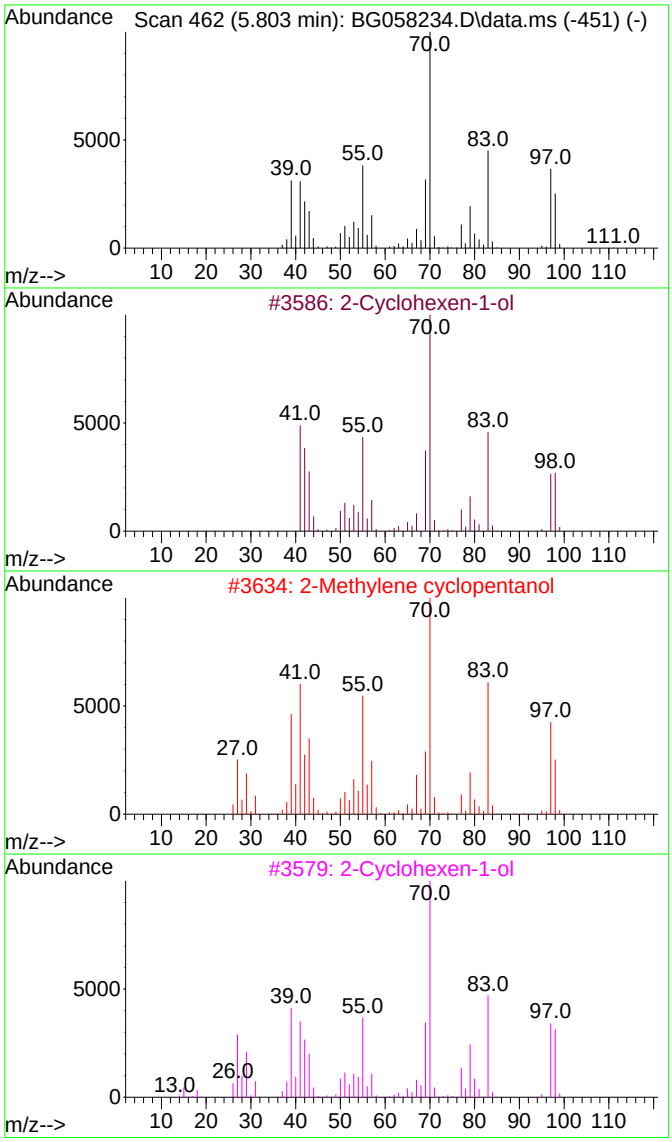
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

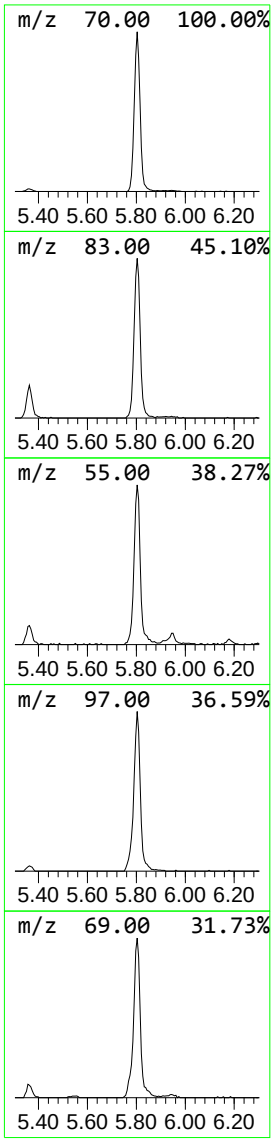
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	41.87 ng/ul	881637	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	94
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	93
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	87
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	72
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	50





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Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

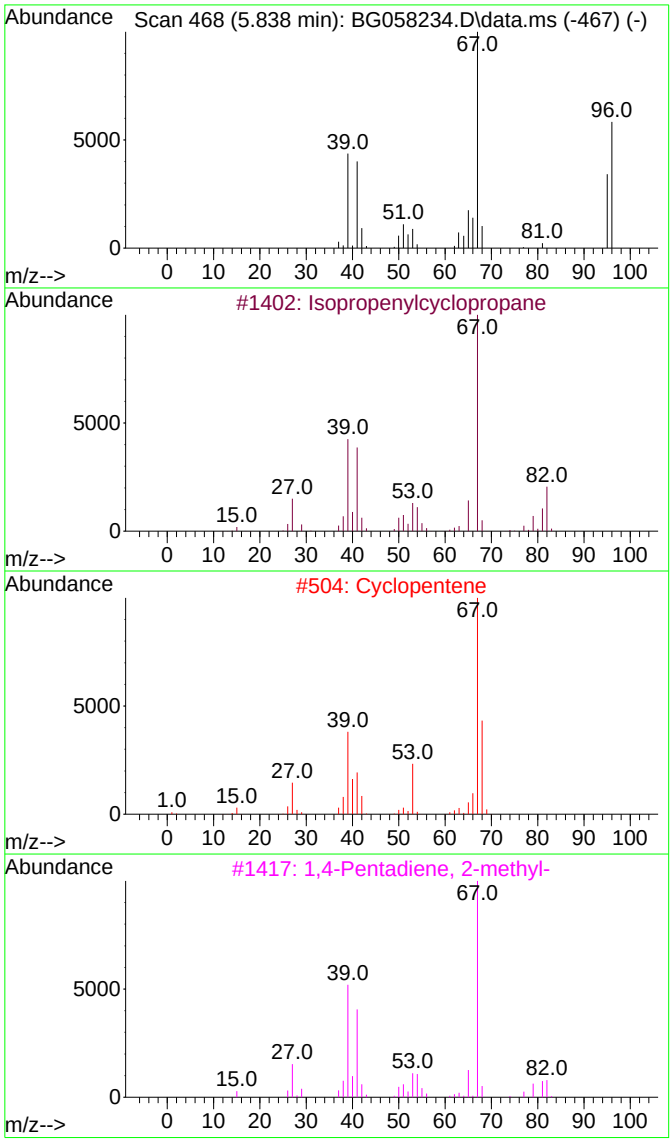
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

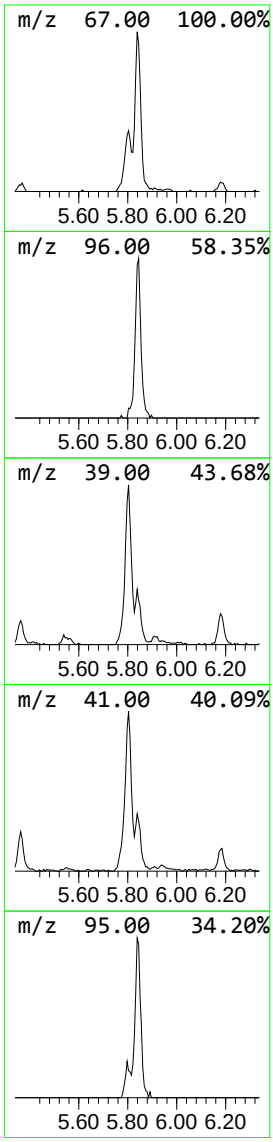
****

Peak Number 7 Isopropenylcyclopropane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.838	4.89 ng/ul	102950	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenylcyclopropane	82	C6H10	004663-22-3	50
2	Cyclopentene	68	C5H8	000142-29-0	47
3	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	38
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	38
5	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	36





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Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

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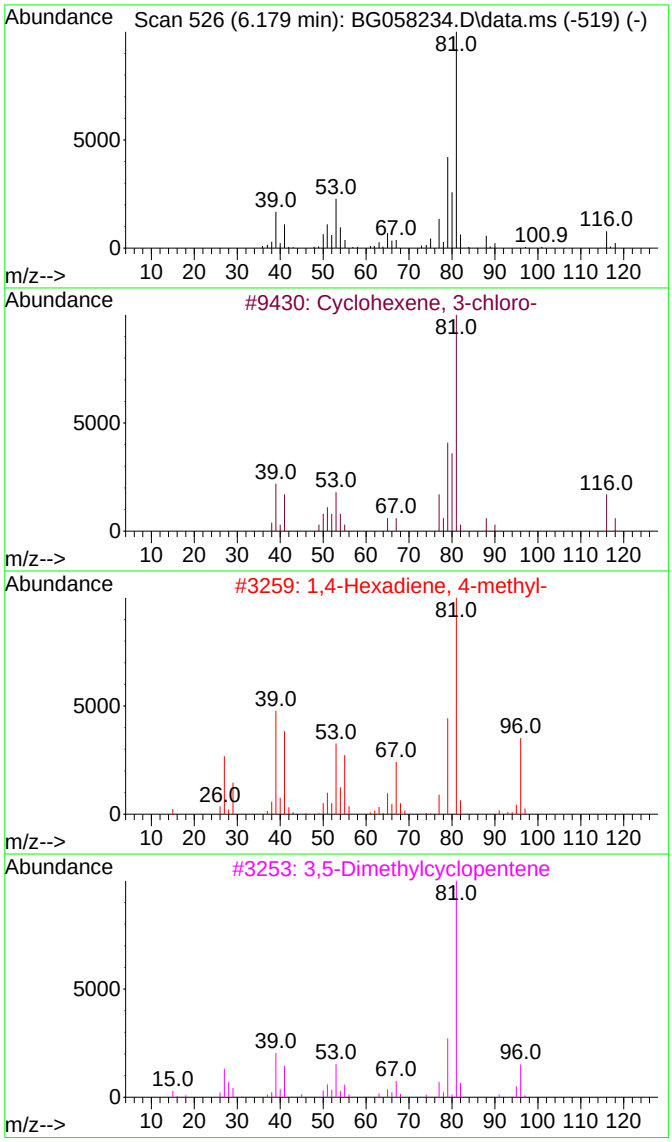
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

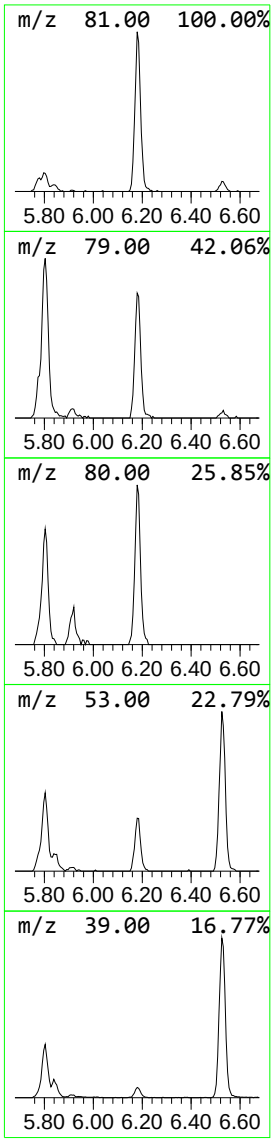
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexene, 3-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.179	8.18 ng/ul	172286	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	91
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	72
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	64
4	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	64
5	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	64





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Sample : 03418-07
Misc :
ALS Vial : 42 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

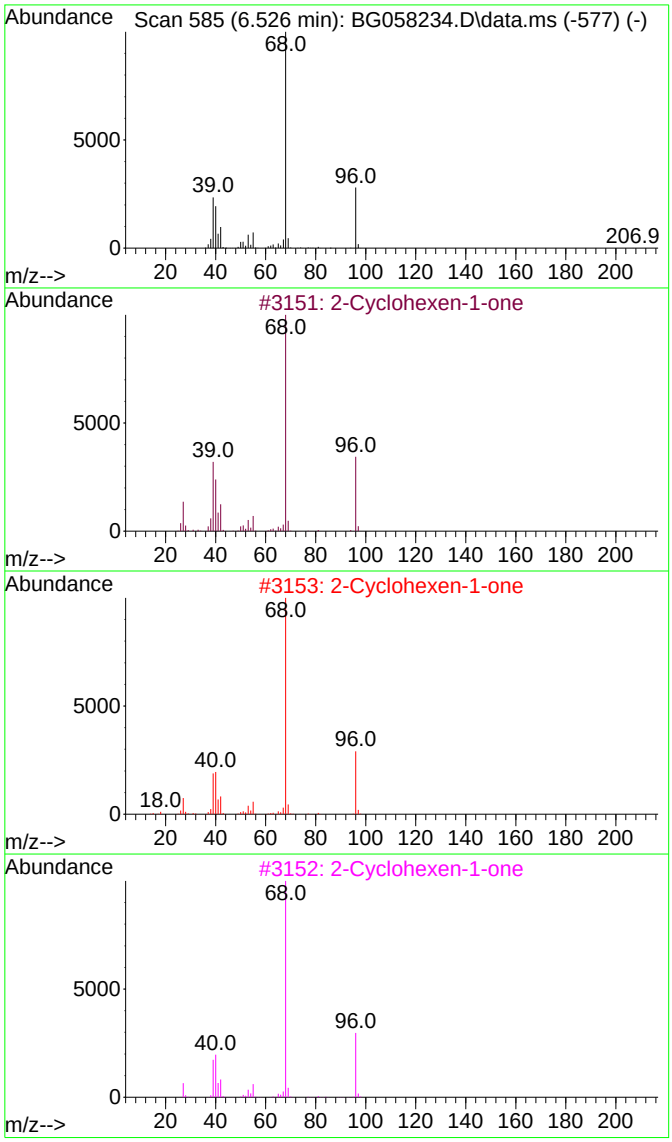
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

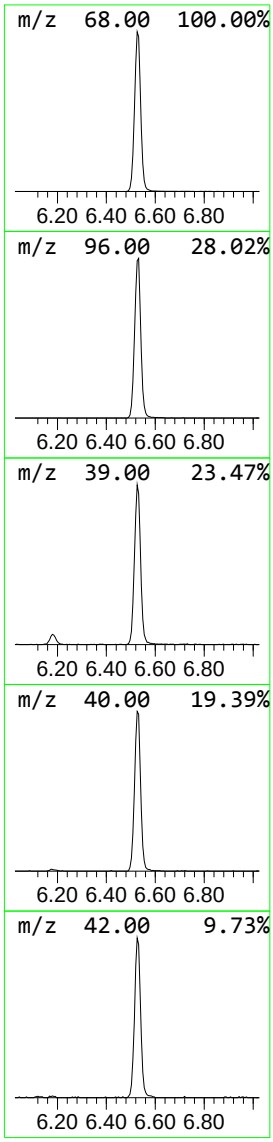
****

Peak Number 9 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.526	67.82 ng/ul	1427950	1,4-Dichlorobenzene-d4	7.906

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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Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

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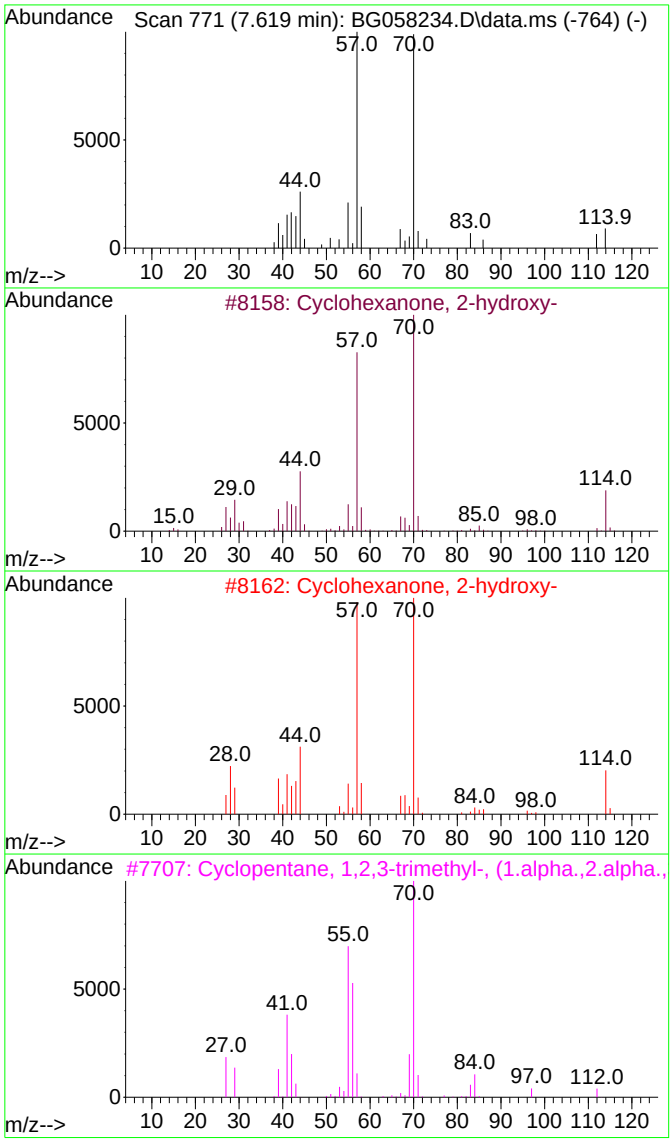
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

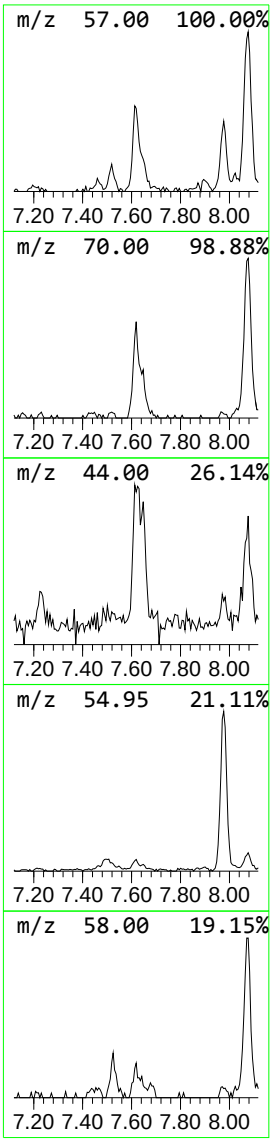
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexanone, 2-hydroxy- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.619	2.20 ng/ul	46374	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	72
2	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	72
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	37
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	37
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	37





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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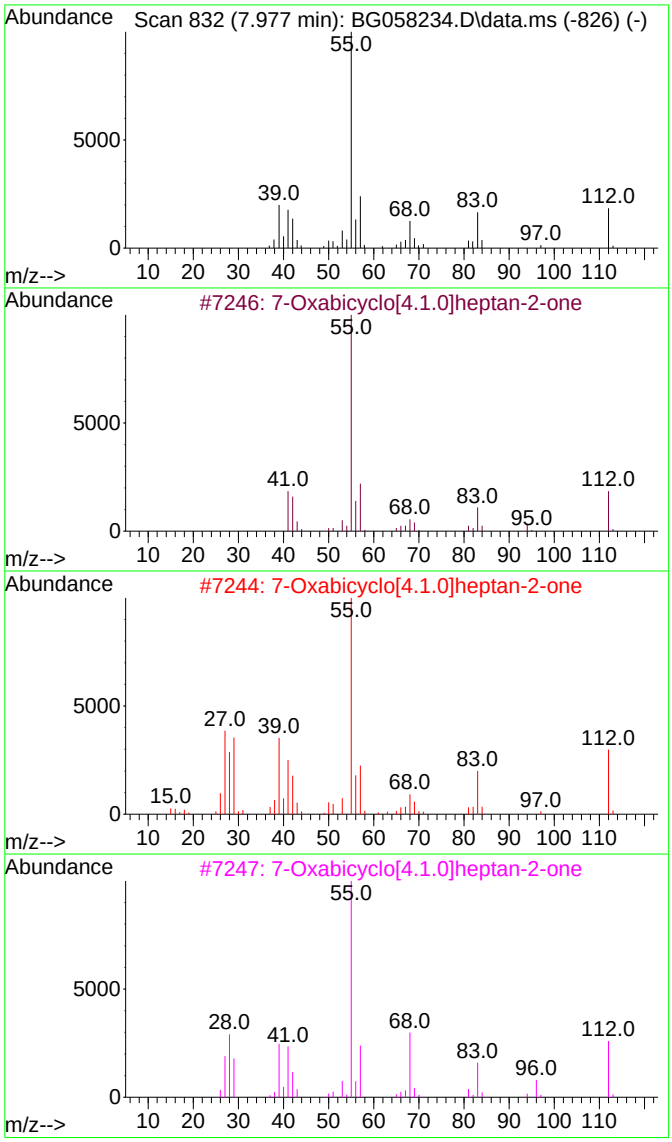
Quant Title : SVOA CALIBRATION

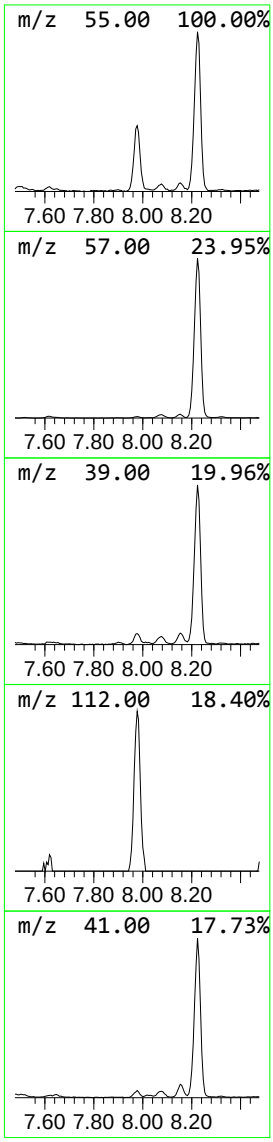
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.977	5.28 ng/ul	111231	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	91
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	68
3	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	62
4	3-Octene, (Z)-	112	C8H16	014850-22-7	43
5	3-Heptene, 5-methyl-	112	C8H16	013172-91-3	43





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Sample : 03418-07
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

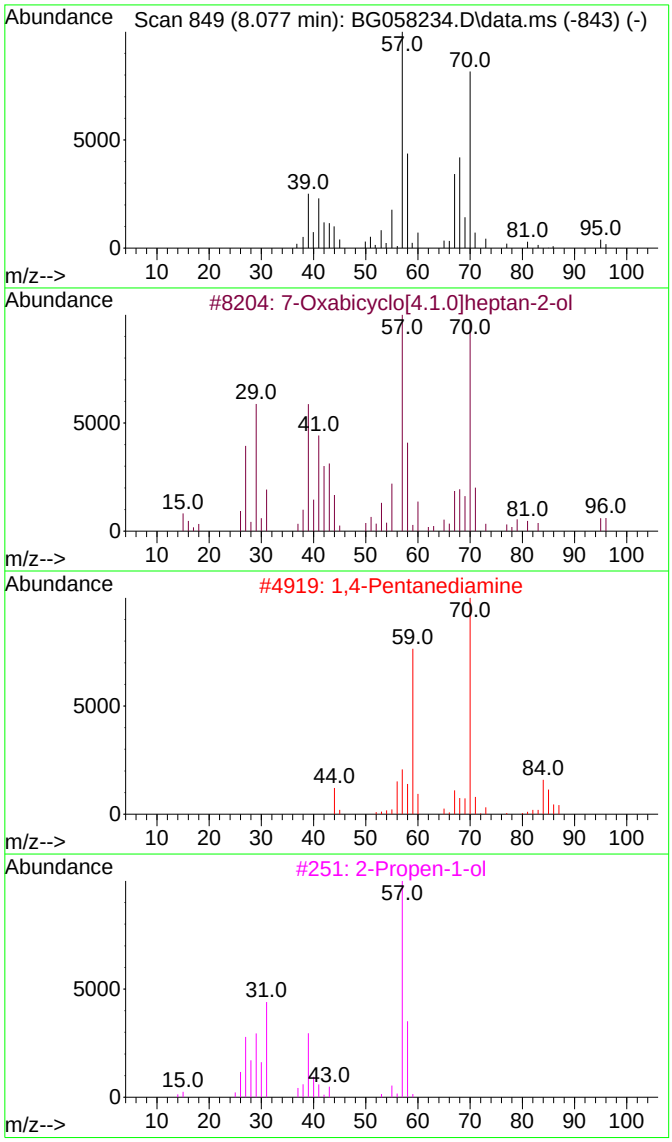
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

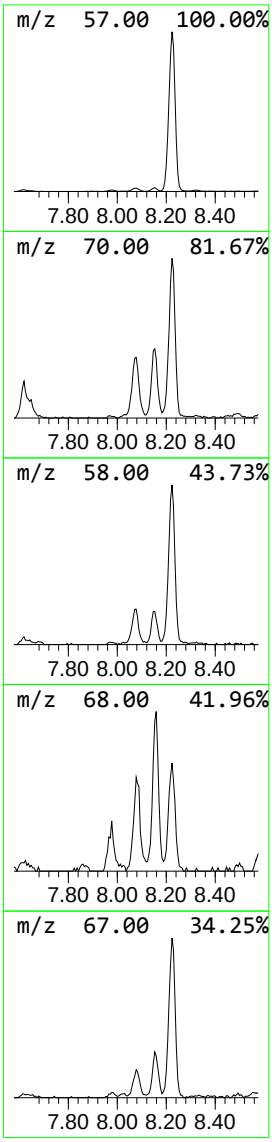
****

Peak Number 12 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.077	5.52 ng/ul	116243	1,4-Dichlorobenzene-d4	7.906

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	1,4-Pentanediamine	102	C5H14N2	000591-77-5	25
3	2-Propen-1-ol	58	C3H6O	000107-18-6	9
4	2-Butenal, (Z)-	70	C4H6O	015798-64-8	9
5	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	9





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Sample : 03418-07
Misc :
ALS Vial : 42 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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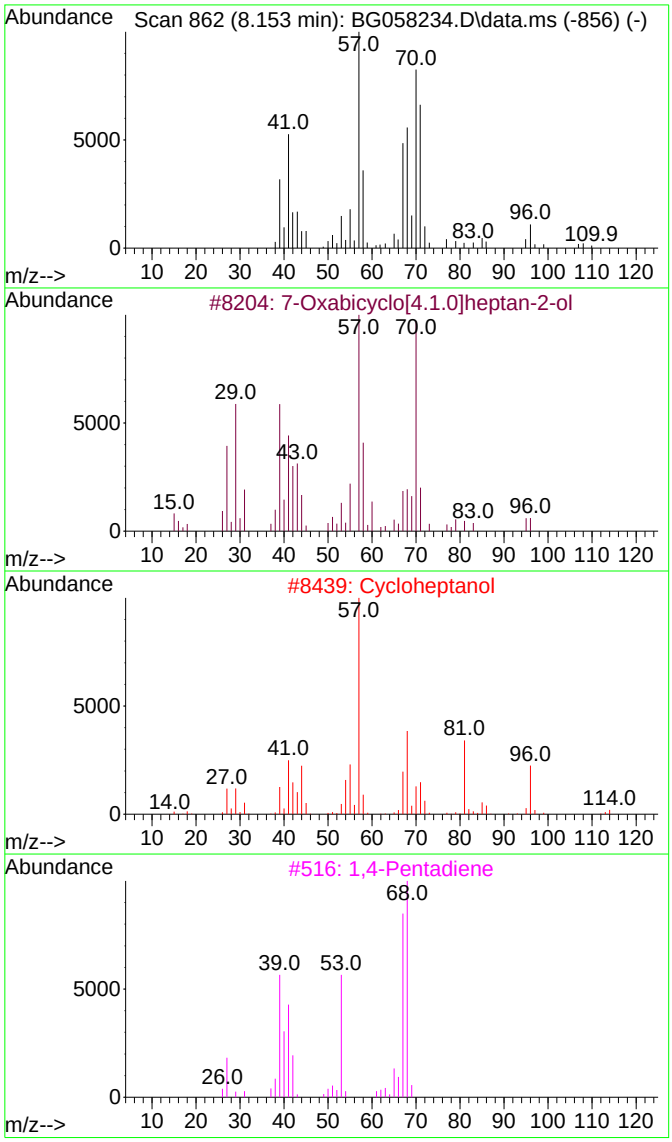
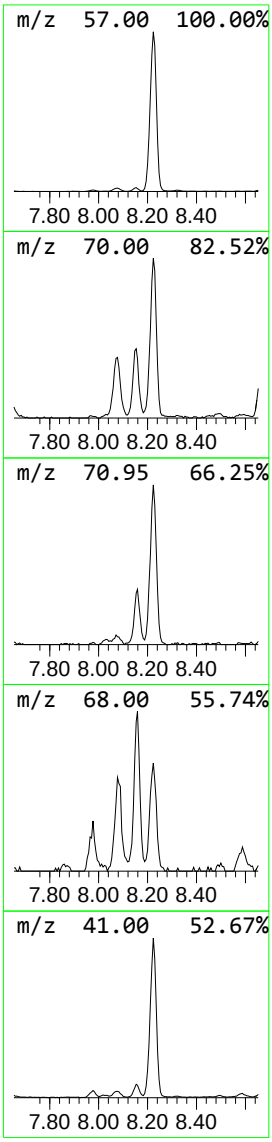
Peak Number 13 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	7.55 ng/ul	159042	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	43
2	Cycloheptanol	114	C7H14O	000502-41-0	17
3	1,4-Pentadiene	68	C5H8	000591-93-5	14
4	Cyclopentanol, 3-methyl-	100	C6H12O	018729-48-1	10
5	Bicyclo[3.1.0]hexan-3-one	96	C6H8O	001755-04-0	10





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Misc :
ALS Vial : 42 Sample Multiplier: 1

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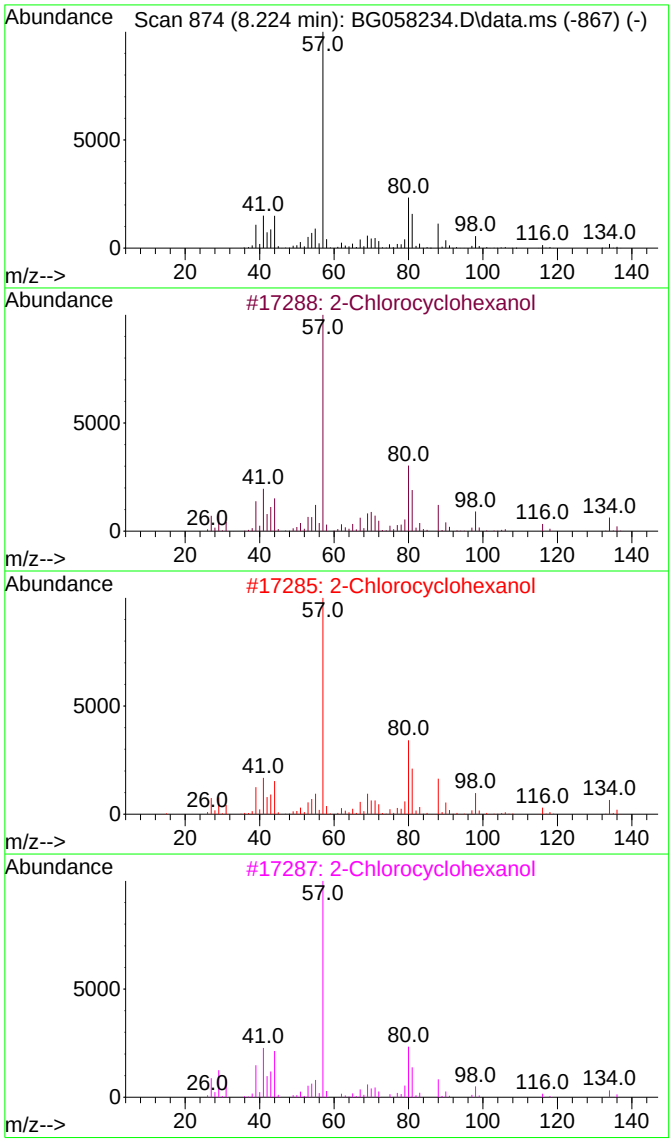
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

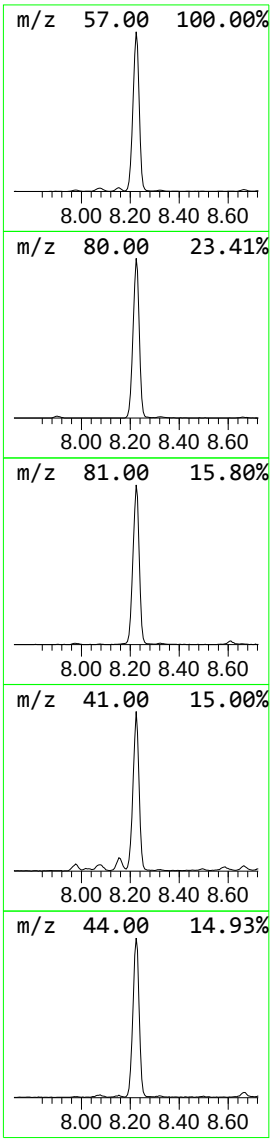
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Chlorocyclohexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.224	148.05 ng/ul	3117100	1,4-Dichlorobenzene-d4	7.906

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	64
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	47





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ALS Vial : 42 Sample Multiplier: 1

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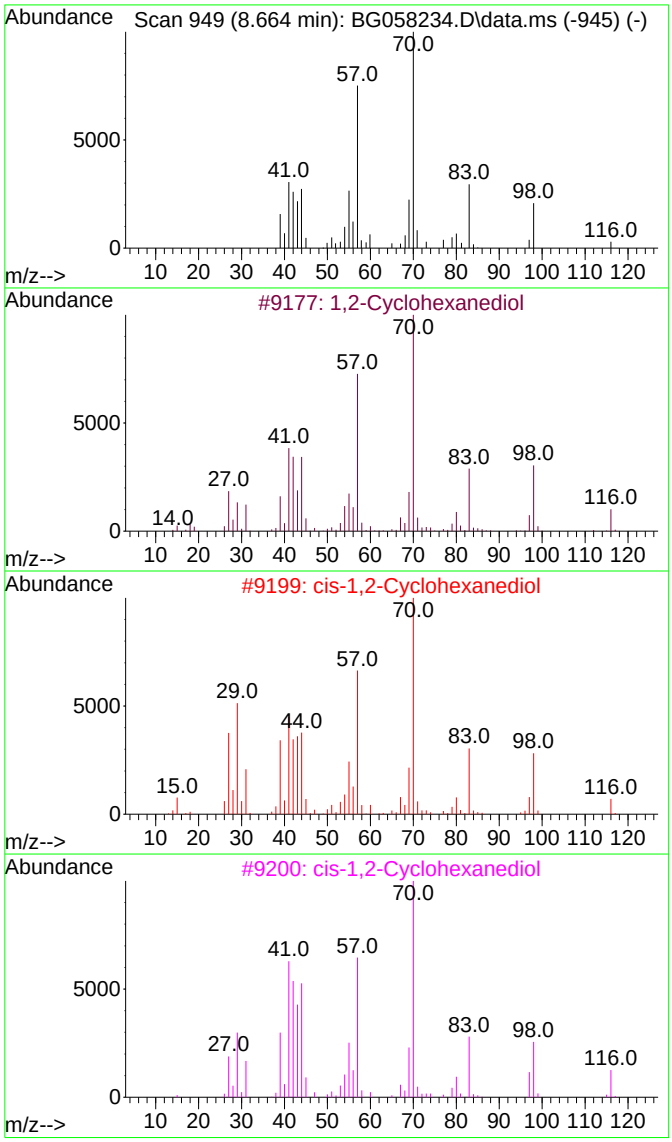
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

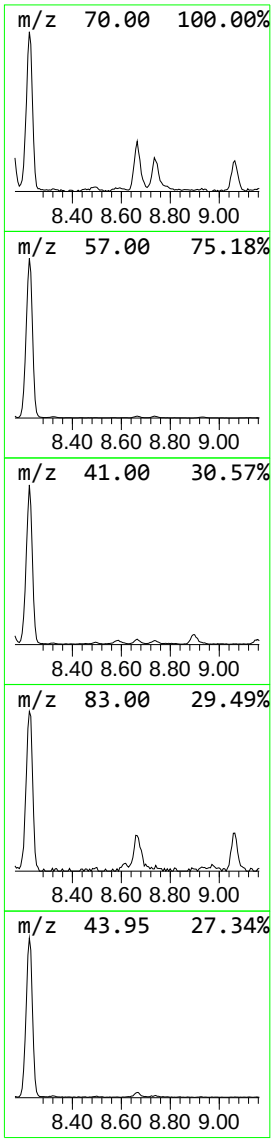
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,2-Cyclohexanediol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.664	3.03 ng/ul	63896	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	83
2	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	72
3	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	64
4	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	64
5	1,2-Cyclohexanediol, trans-	116	C6H12O2	001460-57-7	56





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Sample : 03418-07
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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :
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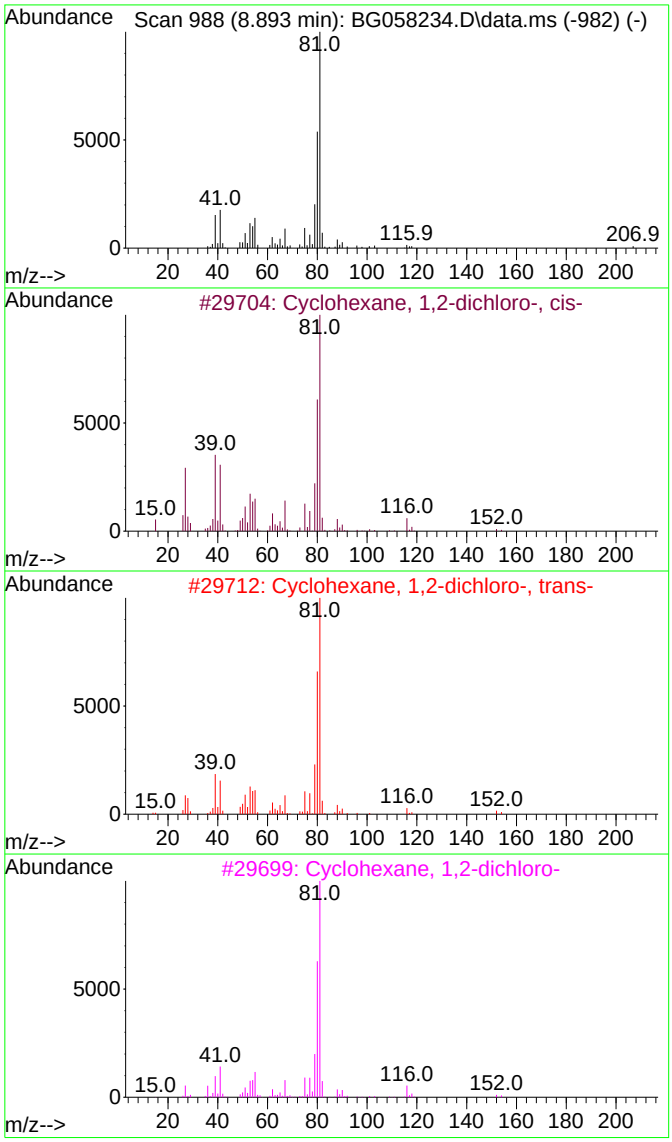
Quant Title : SVOA CALIBRATION

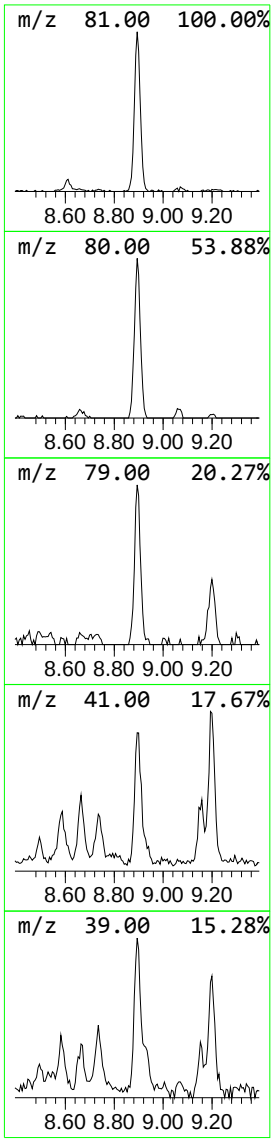
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, 1,2-dichloro-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.893	9.58 ng/ul	201772	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-, cis-	152	C6H10Cl2	010498-35-8	83
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	83
3	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	72
4	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	64
5	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058234.D
Acq On : 14 Jul 2023 17:05
Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

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

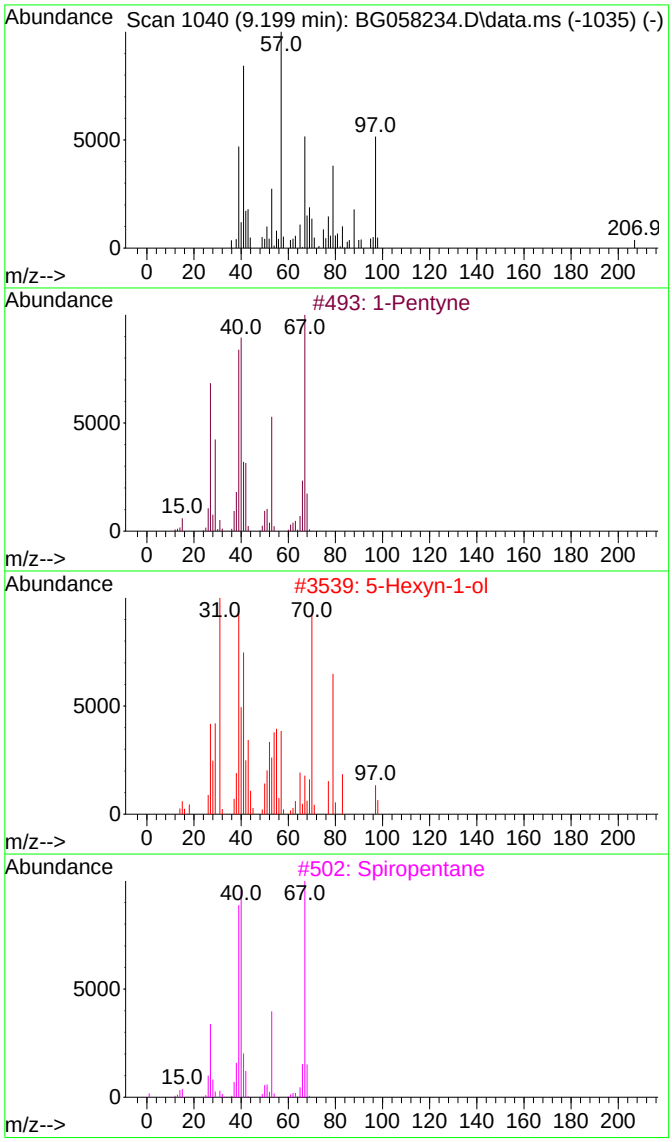
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

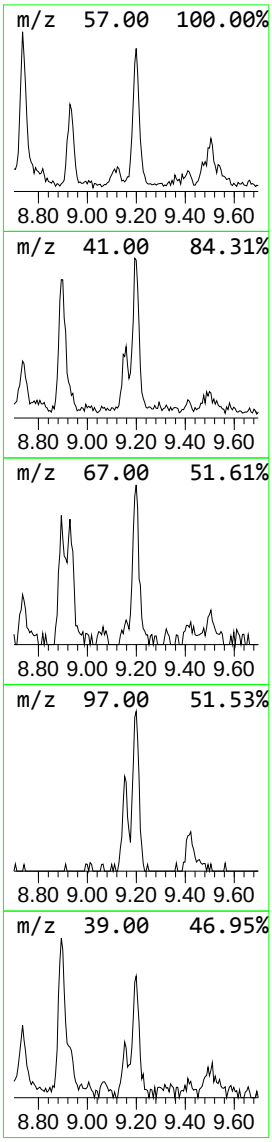
****

Peak Number 17 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.199	4.07 ng/ul	85798	1,4-Dichlorobenzene-d4	7.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentyne	68	C5H8	000627-19-0	38
2	5-Hexyn-1-ol	98	C6H10O	000928-90-5	35
3	Spiropentane	68	C5H8	000157-40-4	35
4	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	27
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	25





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Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

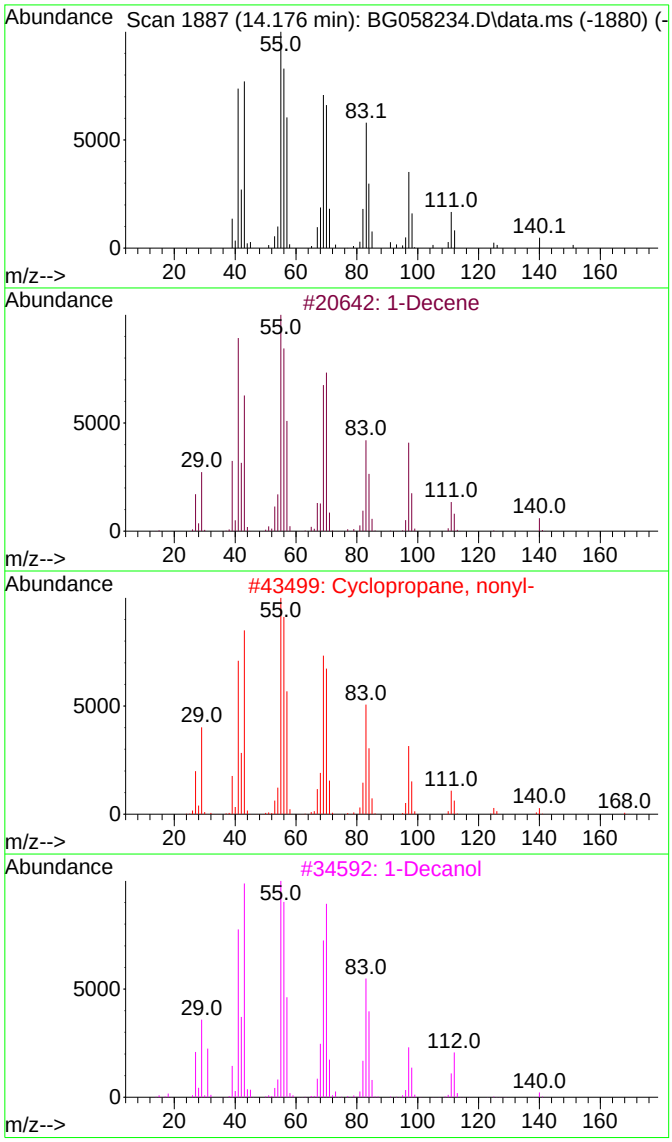
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

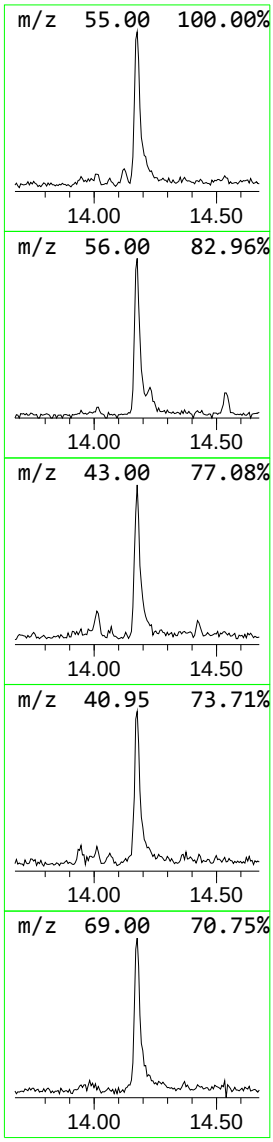
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	2.91 ng/ul	143580	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	91
3	1-Decanol	158	C10H22O	000112-30-1	90
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	87
5	Cyclodecane, methyl-	154	C11H22	013151-43-4	86





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Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

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

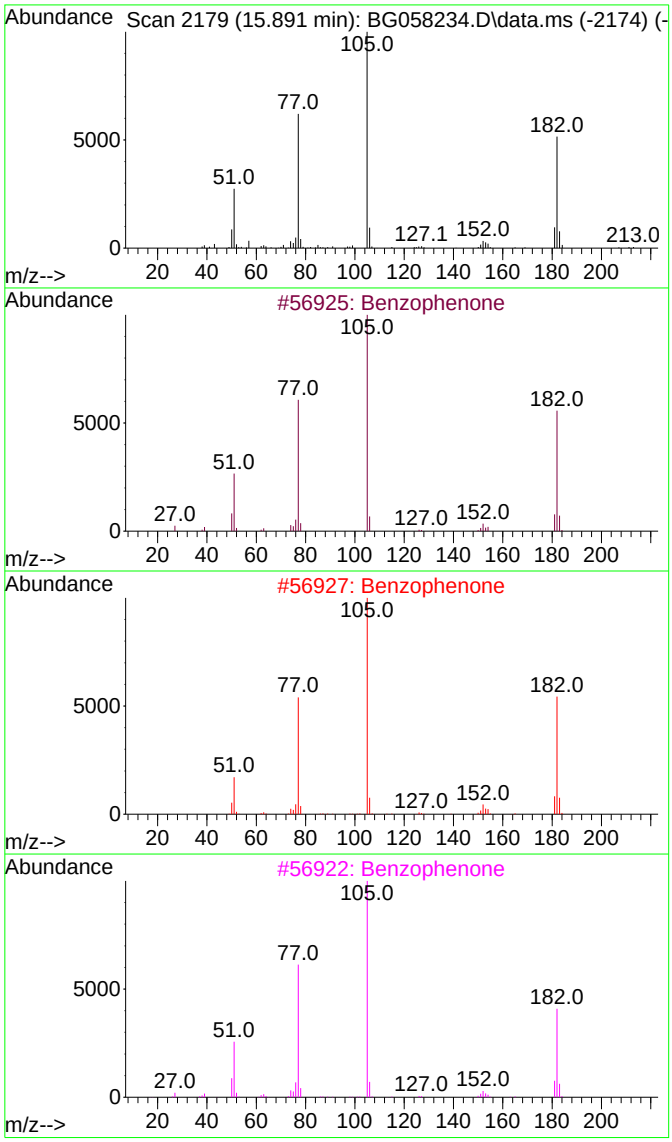
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

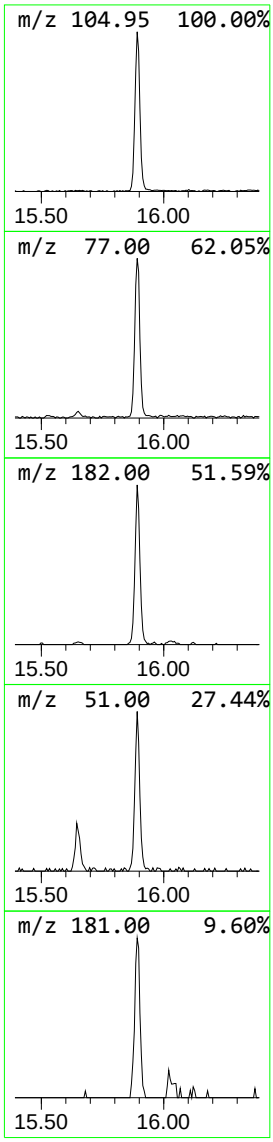
****

Peak Number 19 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.891	3.94 ng/ul	194304	Acenaphthene-d10	14.540

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	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58





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Data File : BG058234.D
Acq On : 14 Jul 2023 17:05
Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

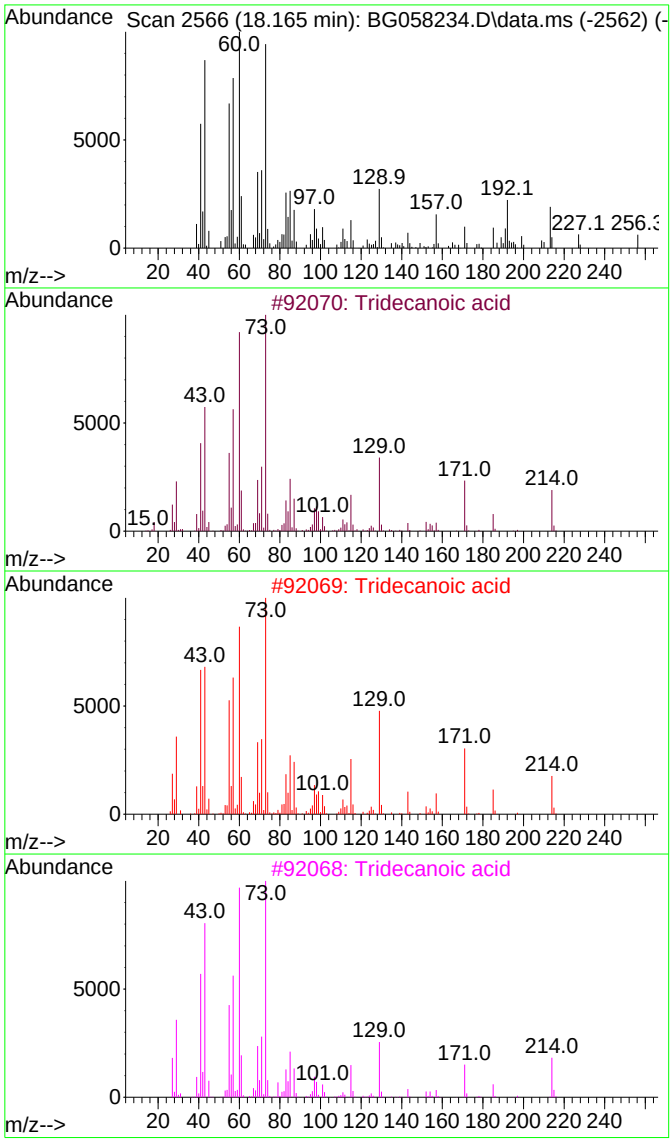
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

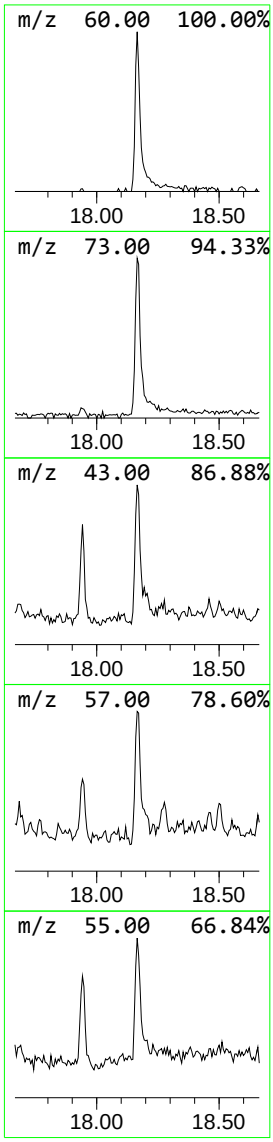
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Tridecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	2.64 ng/ul	170429	Phenanthrene-d10	17.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Data File : BG058234.D
Acq On : 14 Jul 2023 17:05
Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

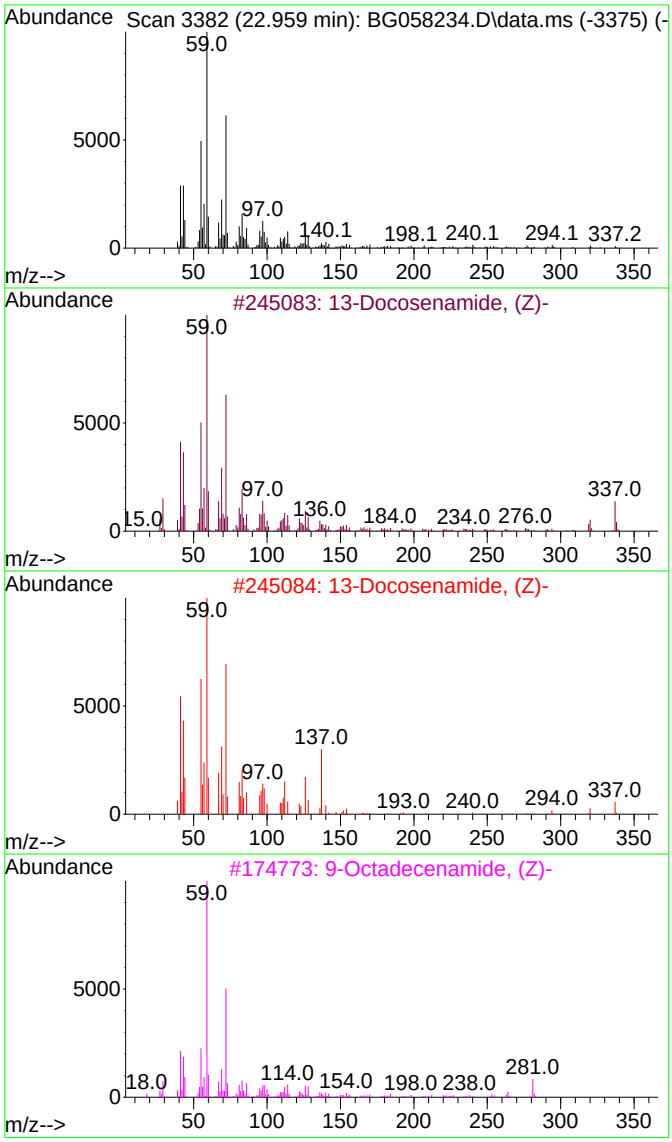
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

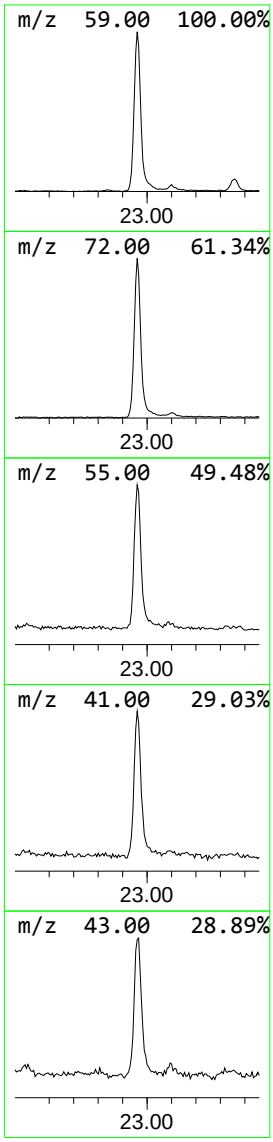
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.959	13.38 ng/ul	981514	Chrysene-d12	21.538

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	87
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
5	Palmitoleamide	253	C16H31NO	106010-22-4	64





Tentatively Identified Compound (LSC) summary

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Data File : BG058234.D
Acq On : 14 Jul 2023 17:05
Operator : CG/JU
Sample : 03418-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46E9

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...	3.159	671.4	ng/ul	14137100	1	7.906	421098	20.0
1,3-Pentadiene,...	4.340	3.5	ng/ul	73017	1	7.906	421098	20.0
Tetrachloroethy...	4.622	4.8	ng/ul	100045	1	7.906	421098	20.0
7-Oxabicyclo[4....	5.362	4.1	ng/ul	86231	1	7.906	421098	20.0
Benzene, 1,3-di...	5.544	5.0	ng/ul	105976	1	7.906	421098	20.0
2-Cyclohexen-1-ol	5.803	41.9	ng/ul	881637	1	7.906	421098	20.0
Isopropenylcycl...	5.838	4.9	ng/ul	102950	1	7.906	421098	20.0
Cyclohexene, 3-...	6.179	8.2	ng/ul	172286	1	7.906	421098	20.0
2-Cyclohexen-1-one	6.526	67.8	ng/ul	1427950	1	7.906	421098	20.0
Cyclohexanone, ...	7.619	2.2	ng/ul	46374	1	7.906	421098	20.0
7-Oxabicyclo[4....	7.977	5.3	ng/ul	111231	1	7.906	421098	20.0
unknown-01	8.077	5.5	ng/ul	116243	1	7.906	421098	20.0
unknown-02	8.153	7.5	ng/ul	159042	1	7.906	421098	20.0
2-Chlorocyclohe...	8.224	148.1	ng/ul	3117100	1	7.906	421098	20.0
1,2-Cyclohexane...	8.664	3.0	ng/ul	63896	1	7.906	421098	20.0
Cyclohexane, 1,...	8.893	9.6	ng/ul	201772	1	7.906	421098	20.0
unknown-03	9.199	4.1	ng/ul	85798	1	7.906	421098	20.0
(DEL) Alkane: S...	14.176	2.9	ng/ul	143580	3	14.540	987128	20.0
Benzophenone	15.891	3.9	ng/ul	194304	3	14.540	987128	20.0
Tridecanoic acid	18.165	2.6	ng/ul	170429	4	17.284	1292220	20.0
13-Docosenamide...	22.959	13.4	ng/ul	981514	5	21.538	1466700	20.0