LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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: BG058260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	5	11	48	rVB	5514956	11893019	100.00%	39.174%
2	3.764	110	115	123	rBV2	14691	26911	0.23%	0.089%
3	4.088	165	170	177	rVB2	10305	18456	0.16%	0.061%
4	4.340	207	213	223	rVB2	31154	56406	0.47%	0.186%
5	4.622	256	261	270	rVB	43266	74828	0.63%	0.246%
6	5.362	381	387	392	rBV2	40786	65494	0.55%	0.216%
7	5.409	392	395	404	rVB	8921	15141	0.13%	0.050%
8	5.545	412	418	427	rBV	32821	77407	0.65%	0.255%
9	5.803	450	462	466	rBV	353365	694707	5.84%	2.288%
10	5.838	466	468	476	rVV	111755	166350	1.40%	0.548%
11	5.915	476	481	484	rVV	19901	36044	0.30%	0.119%
12	6.179	520	526	535	rBV	80250	134483	1.13%	0.443%
13	6.526	577	585	598	rBV	624482	1082780	9.10%	3.567%
14	7.066	669	677	688	rBV	109592	208423	1.75%	0.687%
15	7.231	696	705	719	rVB	85961	156227	1.31%	0.515%
16	7.437	733	740	751	rBV2	98649	218496	1.84%	0.720%
17	7.613	762	770	781	rBV3	18570	45228	0.38%	0.149%
18	7.901	809	819	826	rBV	179689	317520	2.67%	1.046%
19	7.971	826	831	837	rVV	52409	97135	0.82%	0.320%
20	8.018	837	839	842	rVV3	10846	14998	0.13%	0.049%
21	8.065	842	847	855	rVV2	33906	68310	0.57%	0.225%
22	8.153	855	862	866	rVV3	35479	68795	0.58%	0.227%
23	8.224	866	874	882	rVV	1359732	2458604	20.67%	8.098%
24	8.318	886	890	895	rVV2	9378	17033	0.14%	0.056%
25	8.488	915	919	924	rVV4	8714	14572	0.12%	0.048%
26	8.541	924	928	930	rVV3	8231	13579	0.11%	0.045%
27	8.588	931	936	944	rVV3	18945	50612	0.43%	0.167%
28	8.659	944	948	953	rVV2	35714	63639	0.54%	0.210%
29	8.729	953	960	974	rVB3	51119	115001	0.97%	0.379%
30	8.894	982	988	992	rBV2	70080	123380	1.04%	0.406%
31	9.058	1010	1016	1022	rBV	111620	204025	1.72%	0.672%
32	9.152	1028	1032	1035	rBV5	8873	14277	0.12%	0.047%
33	9.193	1035	1039	1052	rVB	32424	64786	0.54%	0.213%
34	9.505	1083	1092	1095	rVV7	8064	22594	0.19%	0.074%
35	9.734	1124	1131	1133	rBV4	7918	14740	0.12%	0.049%
36	9.781	1133	1139	1146	rVB	89606	164097	1.38%	0.541%

LSC Area Percent Report

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Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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	9.945	1162	1167	1177	rBV6	16318	41964	0.35%	0.138%
38	10.321	1222	1231	1244	rBV	119164	253009	2.13%	0.833%
39	10.562	1261	1272	1278	rBV6	12232	31460	0.26%	0.104%
40	10.703	1282	1296	1308	rBV	291566	568945	4.78%	1.874%
41	10.838	1314	1319	1326	rVB4	9294	20587	0.17%	0.068%
42	11.238	1380	1387	1397	rBV7	8877	22657	0.19%	0.075%
43	11.414	1405	1417	1422	rBV7	10608	21562	0.18%	0.071%
44	11.514	1428	1434	1440	rVB6	11534	25701	0.22%	0.085%
45	12.019	1513	1520	1524	rBV6	8982	17479	0.15%	0.058%
46	12.654	1623	1628	1634	rVB3	23118	37977	0.32%	0.125%
47	12.754	1640	1645	1648	rBV2	12394	22332	0.19%	0.074%
48	12.789	1648	1651	1659	rVB3	13162	20393	0.17%	0.067%
49	13.353	1742	1747	1752	rBV	20629	30132	0.25%	0.099%
50	13.418	1752	1758	1766	rVB4	8505	16030	0.13%	0.053%
51	13.941	1841	1847	1853	rBV	299259	443381	3.73%	1.460%
52	14.176	1877	1887	1891	rBV2	56878	106536	0.90%	0.351%
53	14.234	1891	1897	1909	rVB	323502	540764	4.55%	1.781%
54	14.540	1942	1949	1955	rVB	500973	780863	6.57%	2.572%
55	14.740	1977	1983	1995	rBV	86788	190938	1.61%	0.629%
56	14.887	2003	2008	2013	rBV4	33204	53390	0.45%	0.176%
57	15.527	2111	2117	2126	rVV	458258	724026	6.09%	2.385%
58	15.645	2132	2137	2147	rVB2	112633	185510	1.56%	0.611%
59	15.891	2170	2179	2186	rBV	72174	113435	0.95%	0.374%
60	16.073	2204	2210	2217	rBV5	18062	46535	0.39%	0.153%
61	16.191	2226	2230	2235	rVV6	9648	15228	0.13%	0.050%
62	16.696	2309	2316	2322	rVV8	6424	13084	0.11%	0.043%
63	17.155	2389	2394	2398	rBV	14647	22702	0.19%	0.075%
64	17.284	2409	2416	2427	rVV	663635	1034473	8.70%	3.407%
65	17.384	2427	2433	2440	rVV	283631	451626	3.80%	1.488%
66	17.466	2442	2447	2451	rVB8	10411	17951	0.15%	0.059%
67	17.572	2461	2465	2473	rBV5	9254	14924	0.13%	0.049%
68	17.766	2495	2498	2503	rVB5	10604	13255	0.11%	0.044%
69	17.871	2509	2516	2522	rBV6	13477	28992	0.24%	0.095%
70	17.942	2522	2528	2534	rVV2	67986	87742	0.74%	0.289%
71	18.165	2562	2566	2575	rBV2	87160	146264	1.23%	0.482%
72	18.347	2593	2597	2601	rBV6	15129	20671	0.17%	0.068%
73	18.512	2619	2625	2627	rBV7	14238	24338	0.20%	0.080%
74	18.665	2647	2651	2655	rVV2	28667	44454	0.37%	0.146%
75	18.717	2656	2660	2663	rVV	16594	23607	0.20%	0.078%
76	18.970	2699	2703	2708	rBV4	22857	32498	0.27%	0.107%

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Instrument :
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ClientSampleId :
A46H1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.111	2723	2727	2731	rBV	71695	77594	0.65%	0.256%
78	19.240	2744	2749	2756	rVB4	32305	56600	0.48%	0.186%
79	19.311	2756	2761	2762	rBV3	10884	15391	0.13%	0.051%
80	19.440	2779	2783	2786	rBV4	22465	30163	0.25%	0.099%
81	19.669	2816	2822	2834	rVB	533342	807871	6.79%	2.661%
82	19.775	2836	2840	2844	rBV4	11894	18886	0.16%	0.062%
83	19.893	2856	2860	2865	rBV2	30091	43540	0.37%	0.143%
84	20.063	2886	2889	2892	rBV2	14350	14663	0.12%	0.048%
85	20.139	2898	2902	2906	rVB5	23666	26884	0.23%	0.089%
86	20.198	2908	2912	2916	rVB2	22915	25963	0.22%	0.086%
87	20.686	2992	2995	3002	rBV5	24581	41583	0.35%	0.137%
88	20.915	3030	3034	3038	rVB2	21531	27226	0.23%	0.090%
89	21.185	3076	3080	3083	rBV4	40828	64836	0.55%	0.214%
90	21.414	3115	3119	3127	rVB	103892	150072	1.26%	0.494%
91	21.538	3133	3140	3153	rVB	617842	1081609	9.09%	3.563%
92	21.643	3155	3158	3162	rBV2	18564	27590	0.23%	0.091%
93	21.990	3215	3217	3222	rVB3	15689	17187	0.14%	0.057%
94	22.307	3266	3271	3277	rVB	45872	74268	0.62%	0.245%
95	22.960	3375	3382	3396	rBV2	366407	767775	6.46%	2.529%
96	23.753	3512	3517	3524	rVB	56667	106121	0.89%	0.350%
97	24.458	3629	3637	3646	rVB2	108345	295723	2.49%	0.974%
98	24.675	3664	3674	3687	rBV	428697	1233236	10.37%	4.062%
99	25.768	3853	3860	3870	rBV6	28672	75808	0.64%	0.250%
100	27.078	4077	4083	4095	rVB6	27086	93508	0.79%	0.308%

Sum of corrected areas: 30359609

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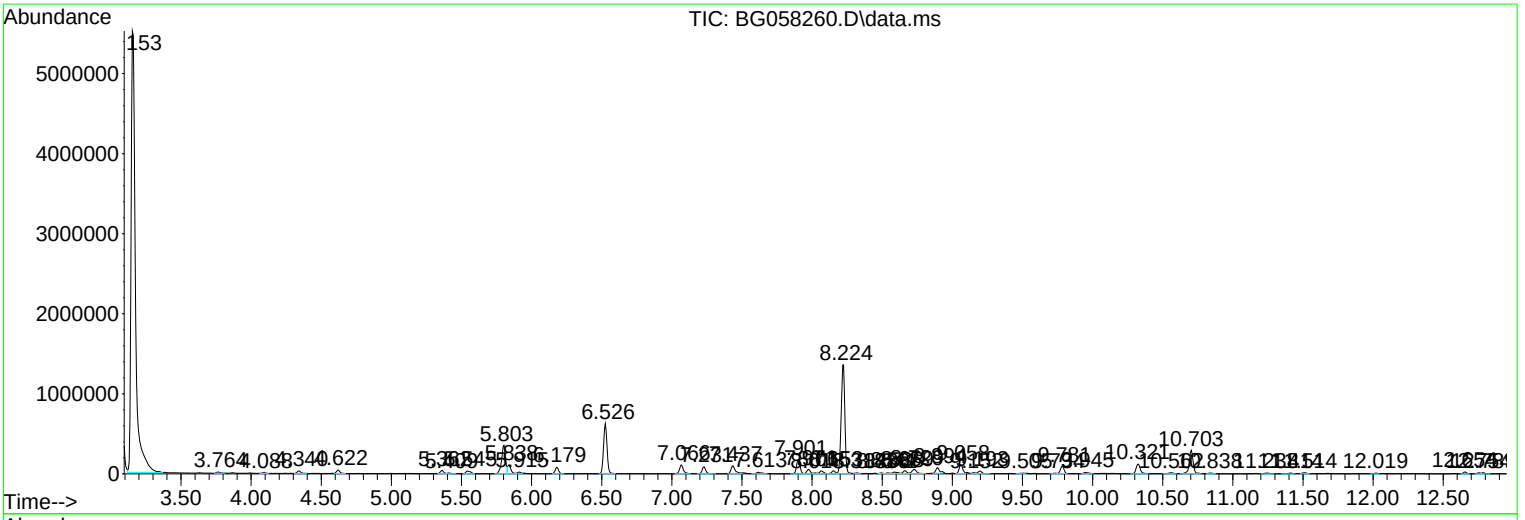
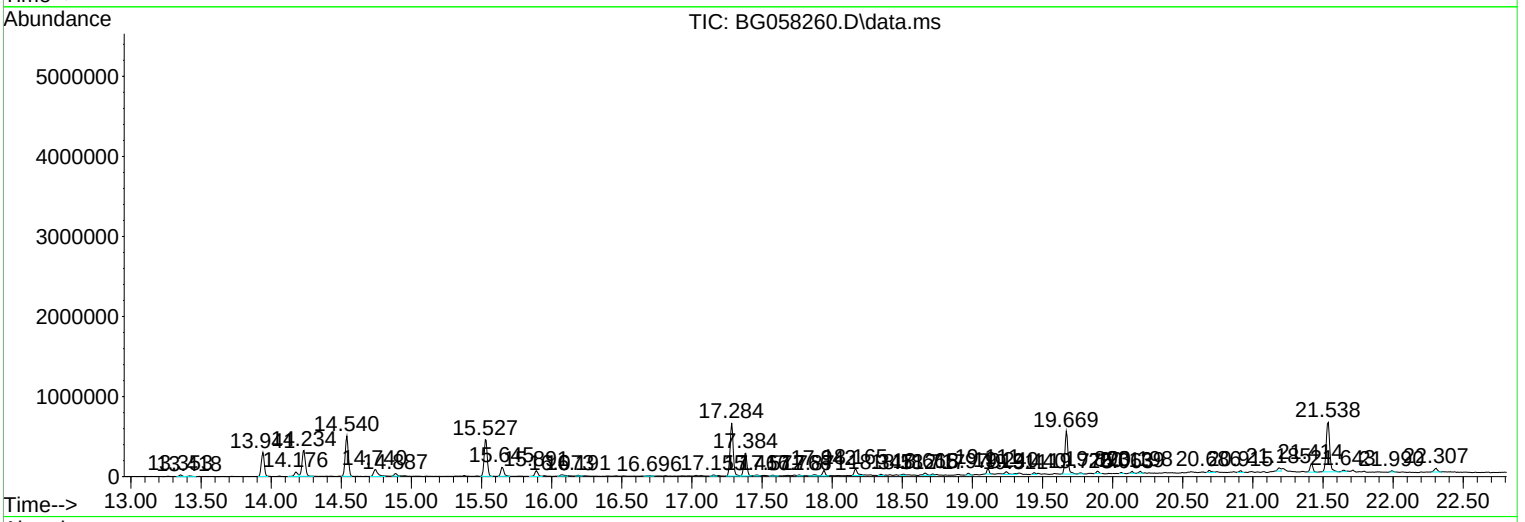
ALS Vial : 70 Sample Multiplier: 1

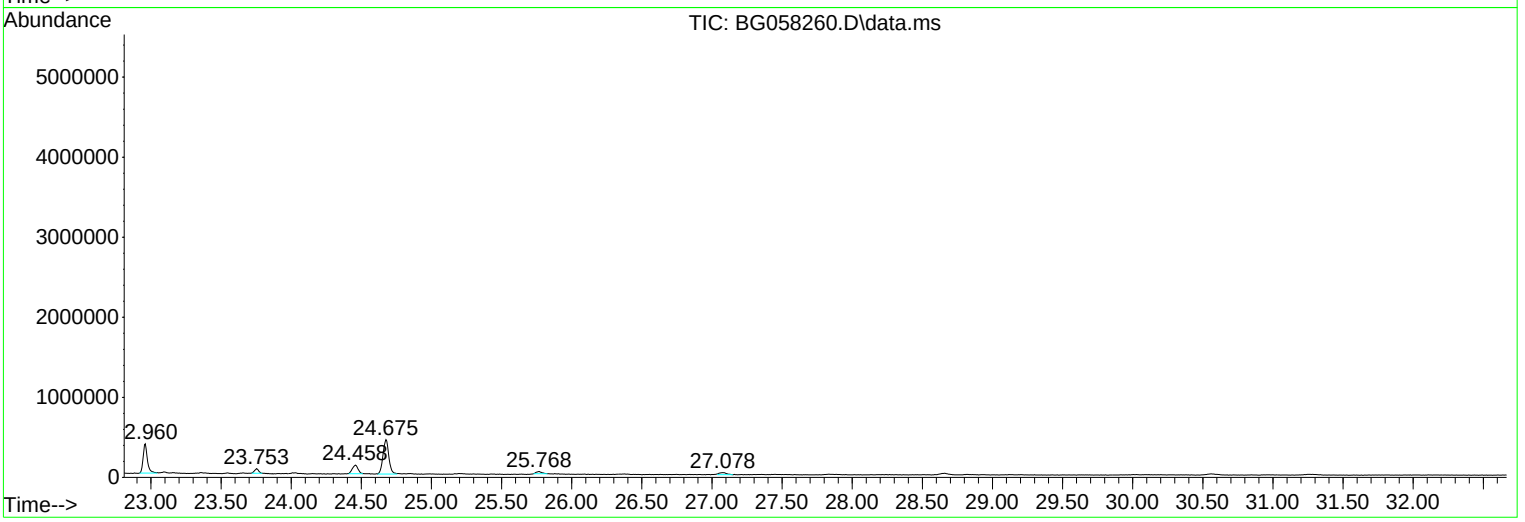
Instrument :
BNA_G
ClientSampleId :
A46H1

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 : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
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ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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

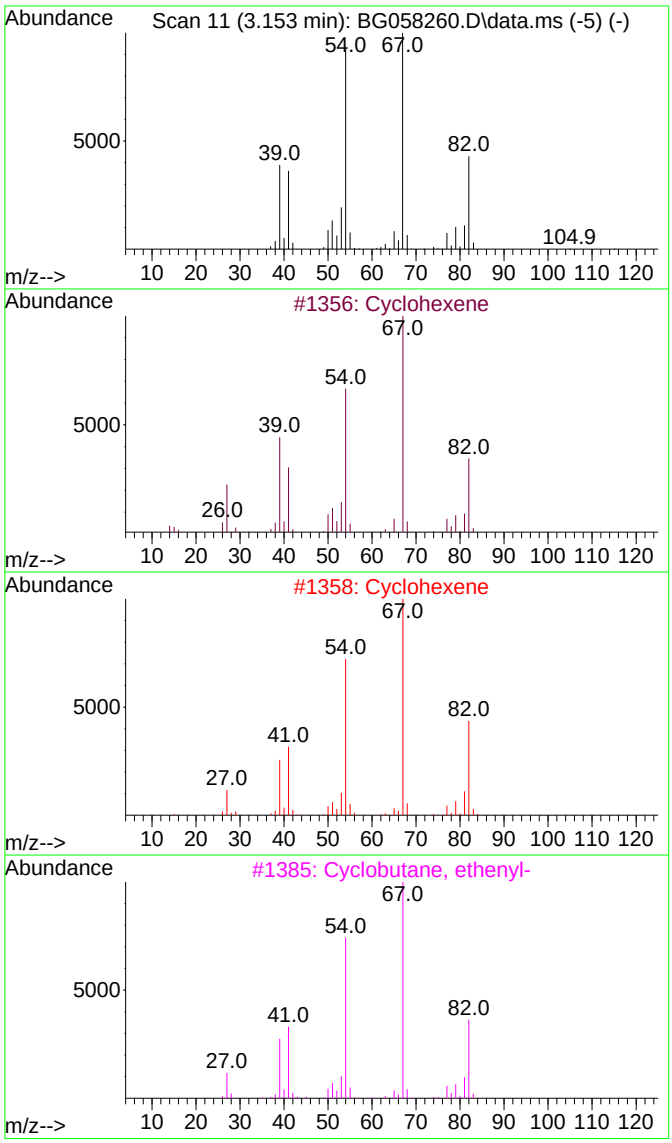
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

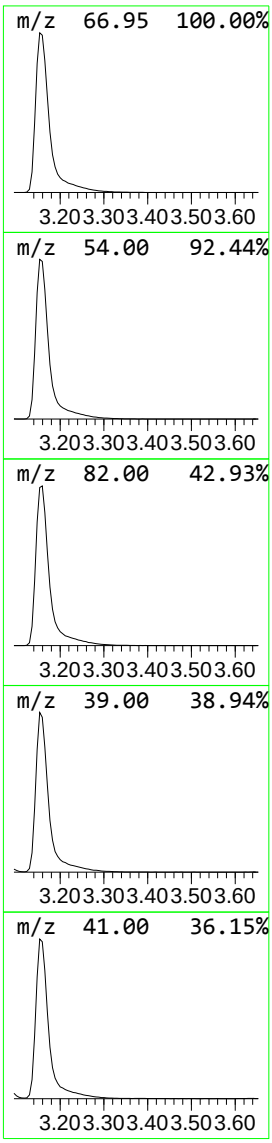
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	749.12 ng/ul	11893000	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	90
2	Cyclohexene	82	C6H10	000110-83-8	87
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
4	Cyclohexene	82	C6H10	000110-83-8	87
5	Cyclohexene	82	C6H10	000110-83-8	76





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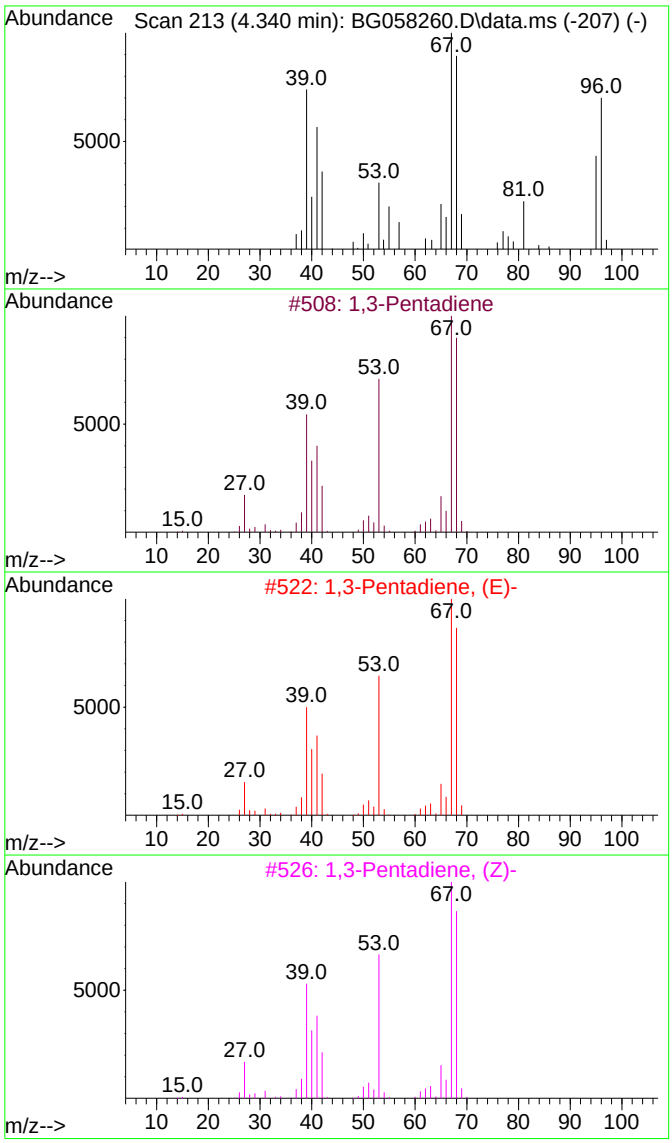
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

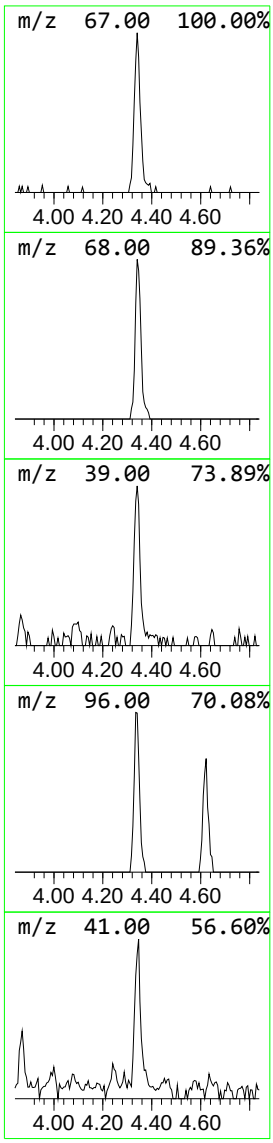
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.340	3.55 ng/ul	56406	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene	68	C5H8	000504-60-9	72
2	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	72
3	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	72
4	Bicyclo[3.1.0]hexan-2-one	96	C6H8O	004160-49-0	64
5	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058260.D
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Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

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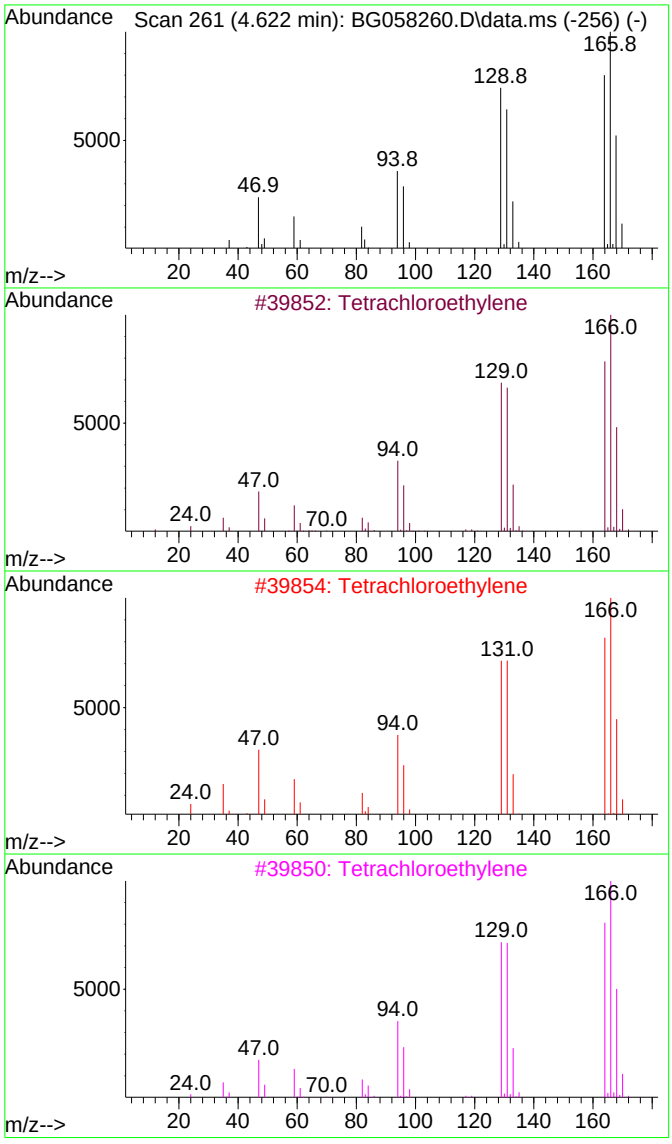
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

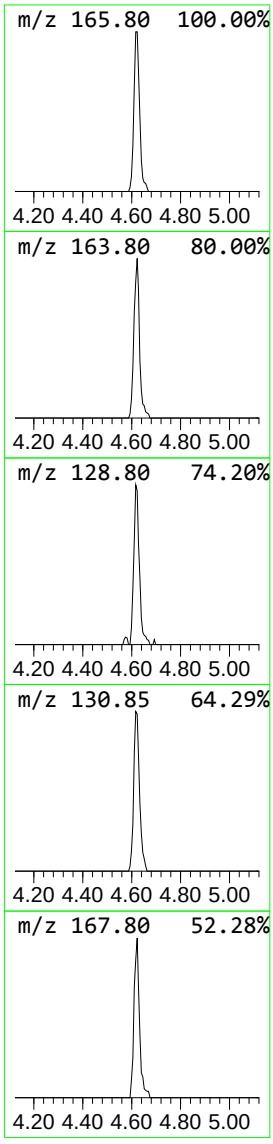
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.622	4.71 ng/ul	74828	1,4-Dichlorobenzene-d4	7.901

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	96
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

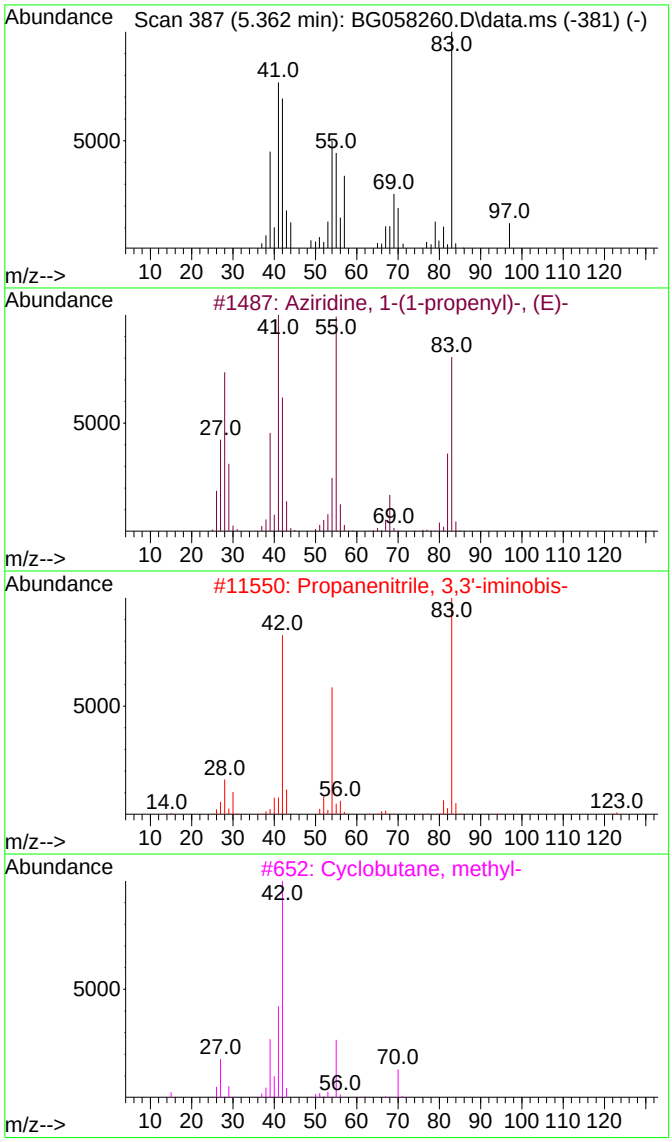
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

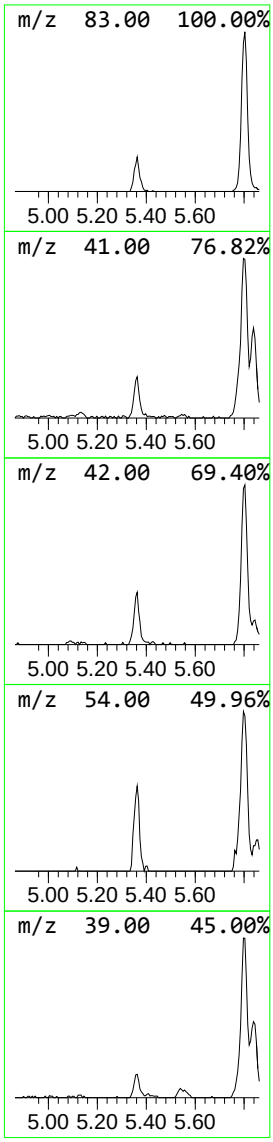
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Aziridine, 1-(1-propenyl)-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.362	4.13 ng/ul	65494	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	53
2	Propanenitrile, 3,3'-iminobis-	123	C6H9N3	000111-94-4	40
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	10
4	1,5-Heptadien-4-one, 3,3,6-trime...	152	C10H16O	000546-49-6	10
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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

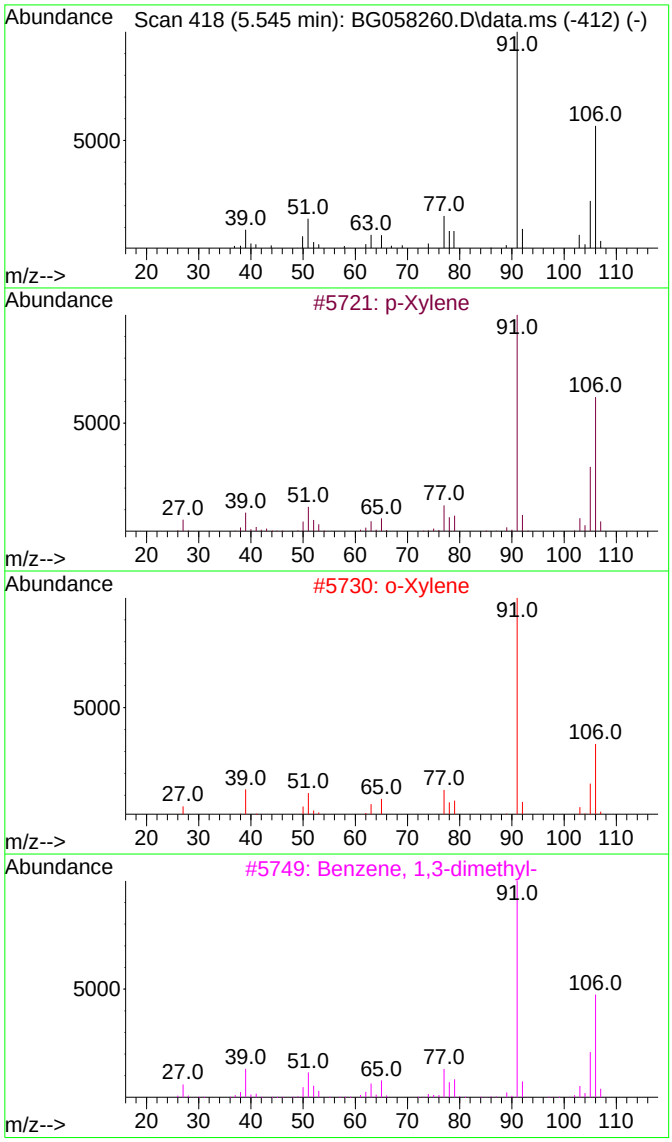
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

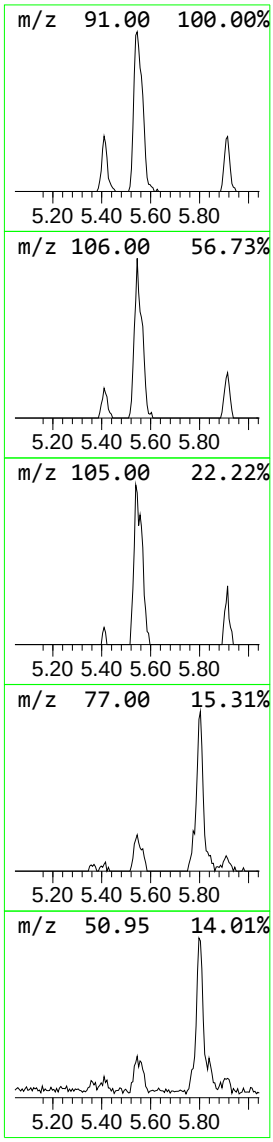
****

Peak Number 5 p-Xylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.545	4.88 ng/ul	77407	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	96
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	94
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

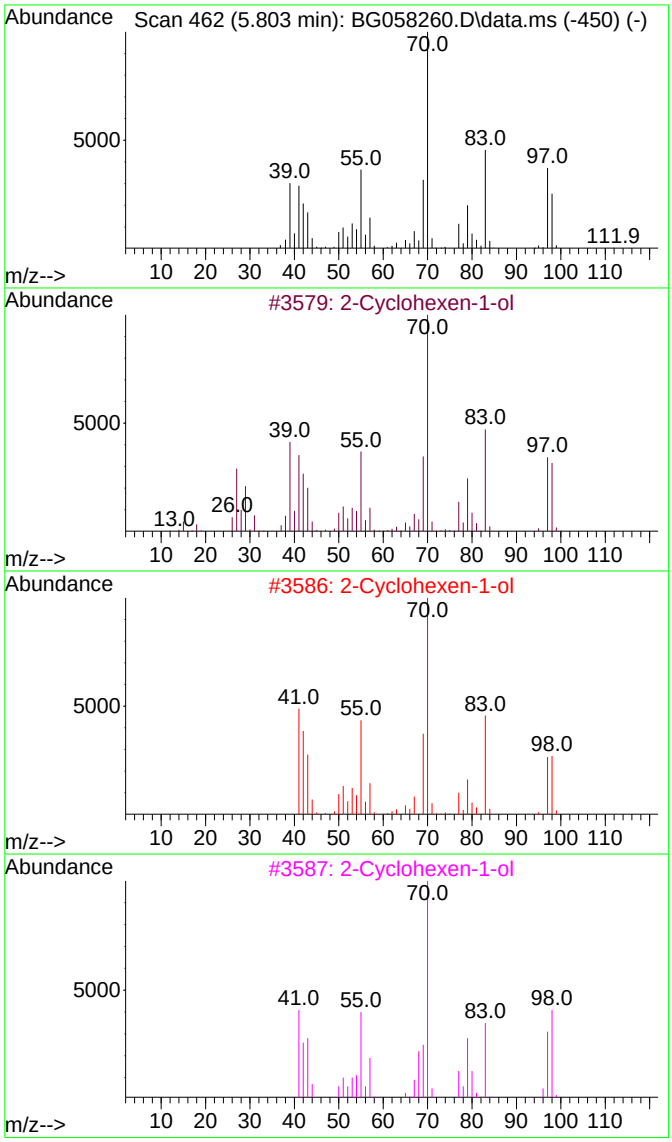
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

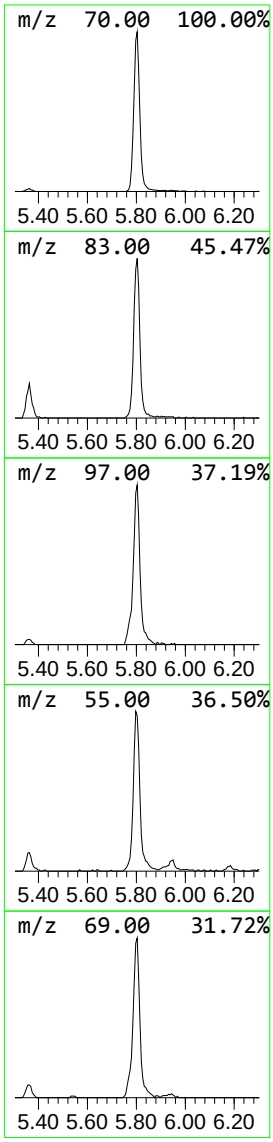
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.803	43.76 ng/ul	694707	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	95
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	94
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43





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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

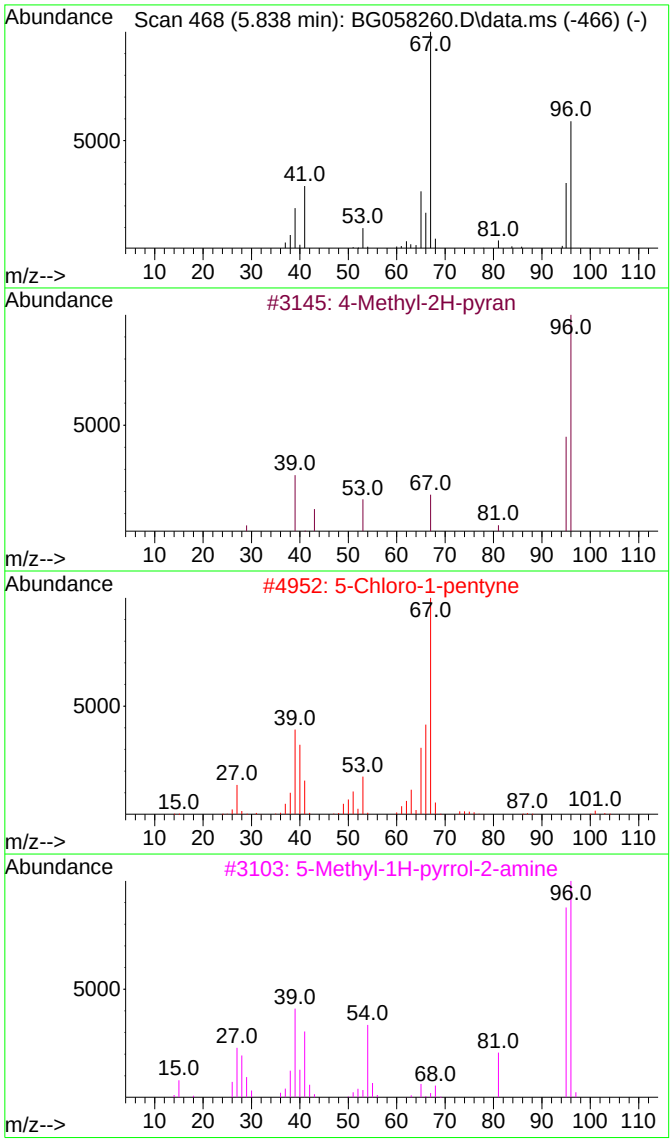
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

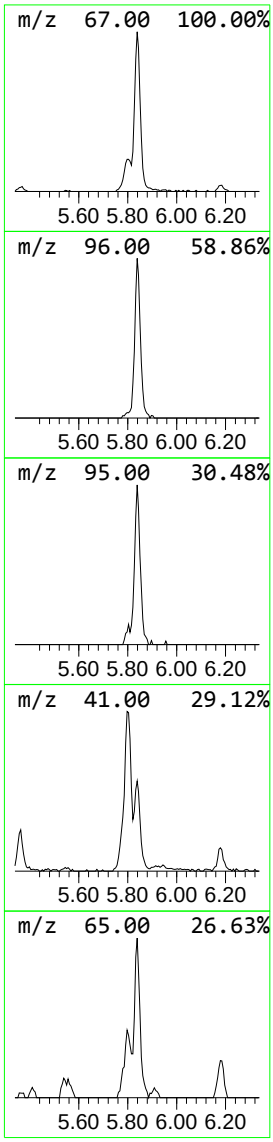
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.838	10.48 ng/ul	166350	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2H-pyran	96	C6H8O	1000432-32-7	27
2	5-Chloro-1-pentyne	102	C5H7Cl	014267-92-6	10
3	5-Methyl-1H-pyrrol-2-amine	96	C5H8N2	1000436-81-3	9
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	9
5	1-Silacyclohexa-2,5-diene	96	C5H8Si	081200-77-3	9





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Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

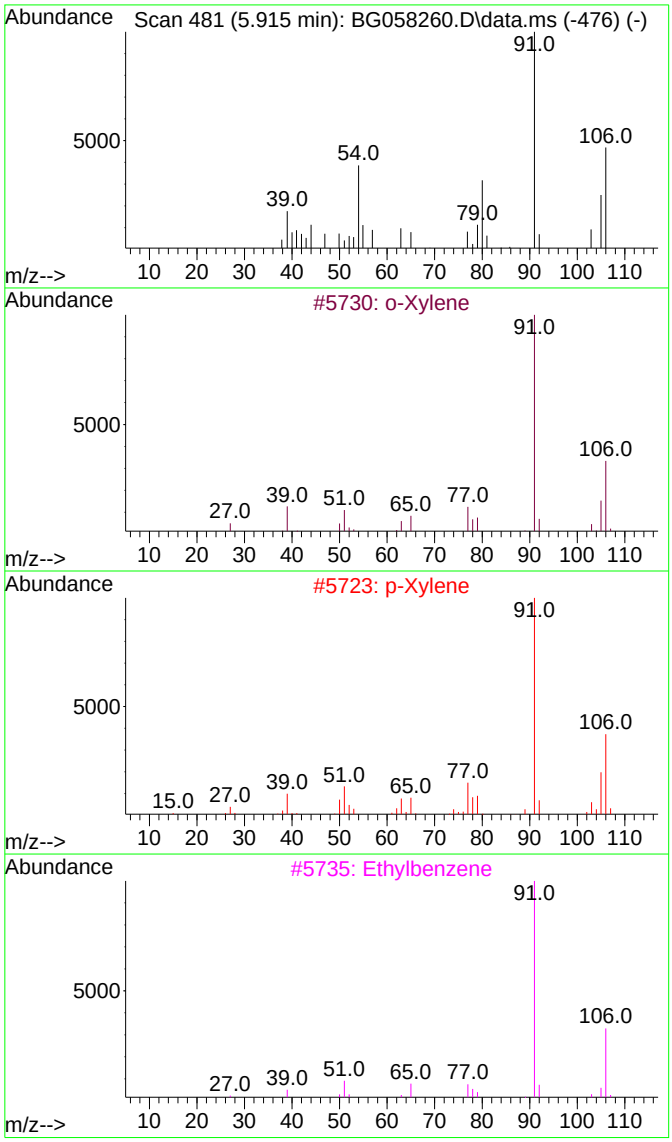
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

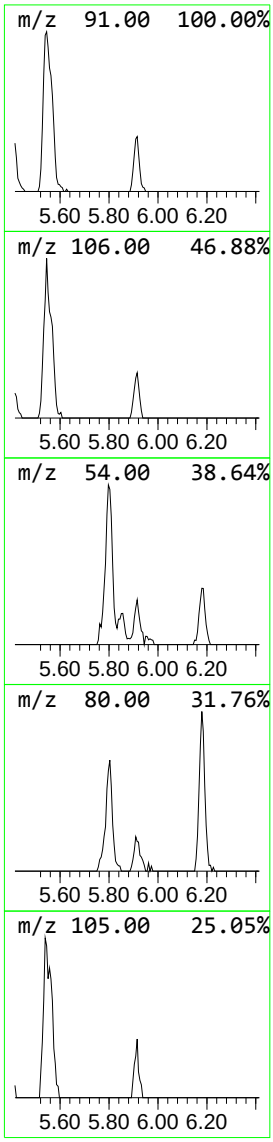
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.915	2.27 ng/ul	36044	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	43
2	p-Xylene	106	C8H10	000106-42-3	38
3	Ethylbenzene	106	C8H10	000100-41-4	25
4	Ethylbenzene	106	C8H10	000100-41-4	16
5	Benzadehyde O-benzyloxime	211	C14H13NO	017146-21-3	9





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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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

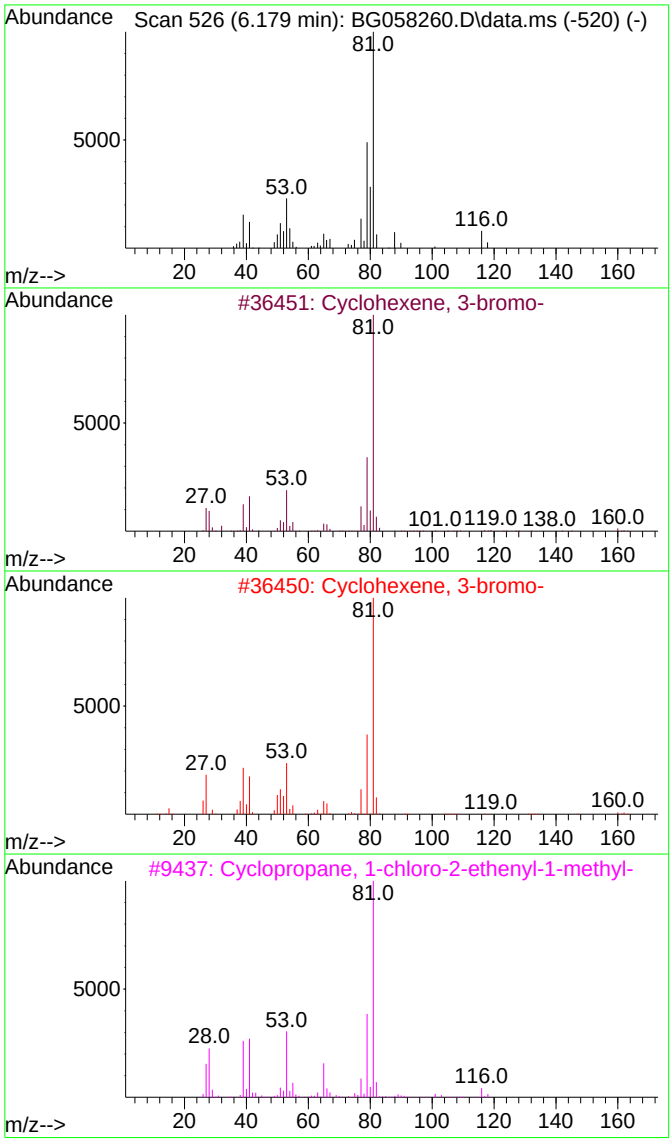
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

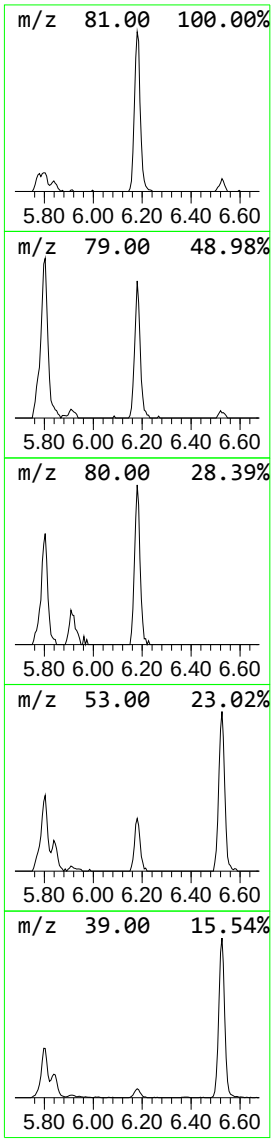
****

Peak Number 9 Cyclohexene, 3-bromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.179	8.47 ng/ul	134483	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	64
2	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	53
3	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	53
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	53
5	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	53





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Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

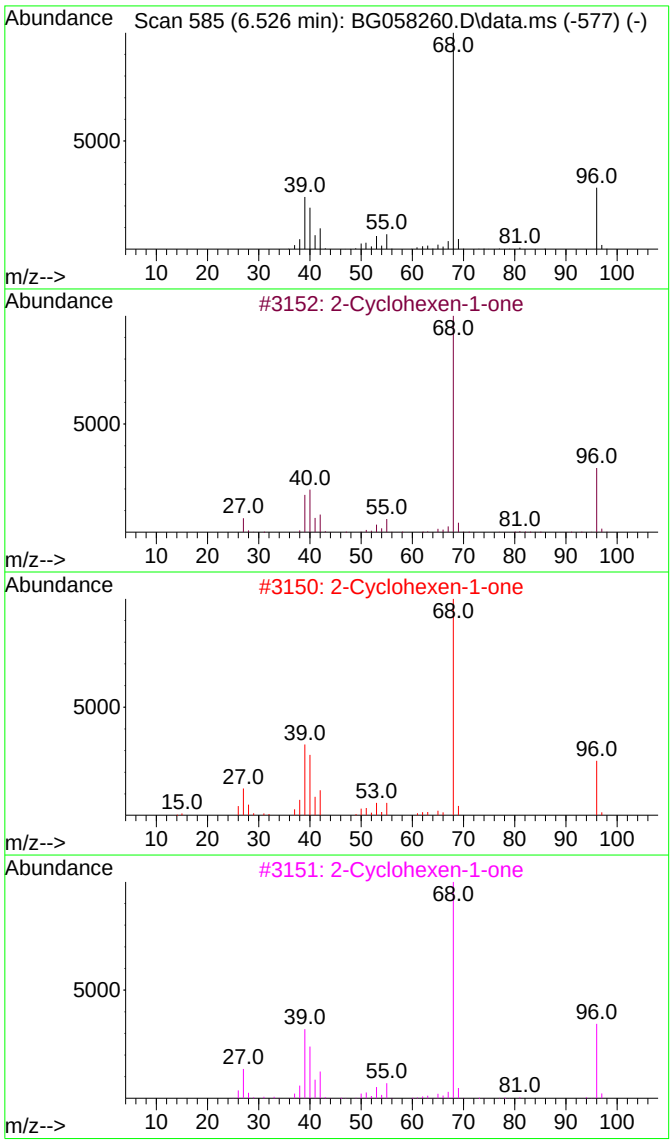
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

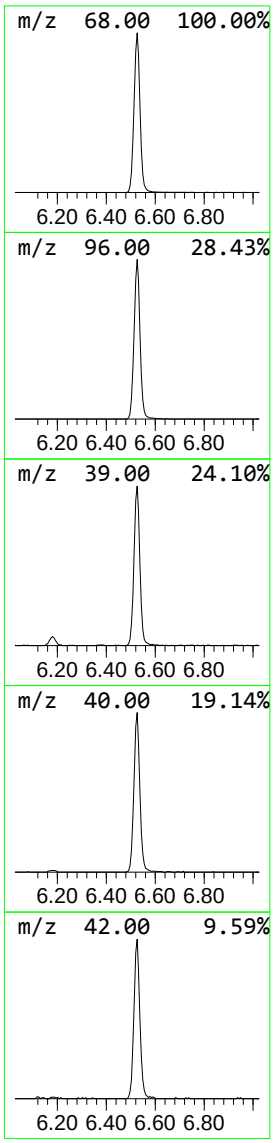
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.526	68.20 ng/ul	1082780	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	36





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Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

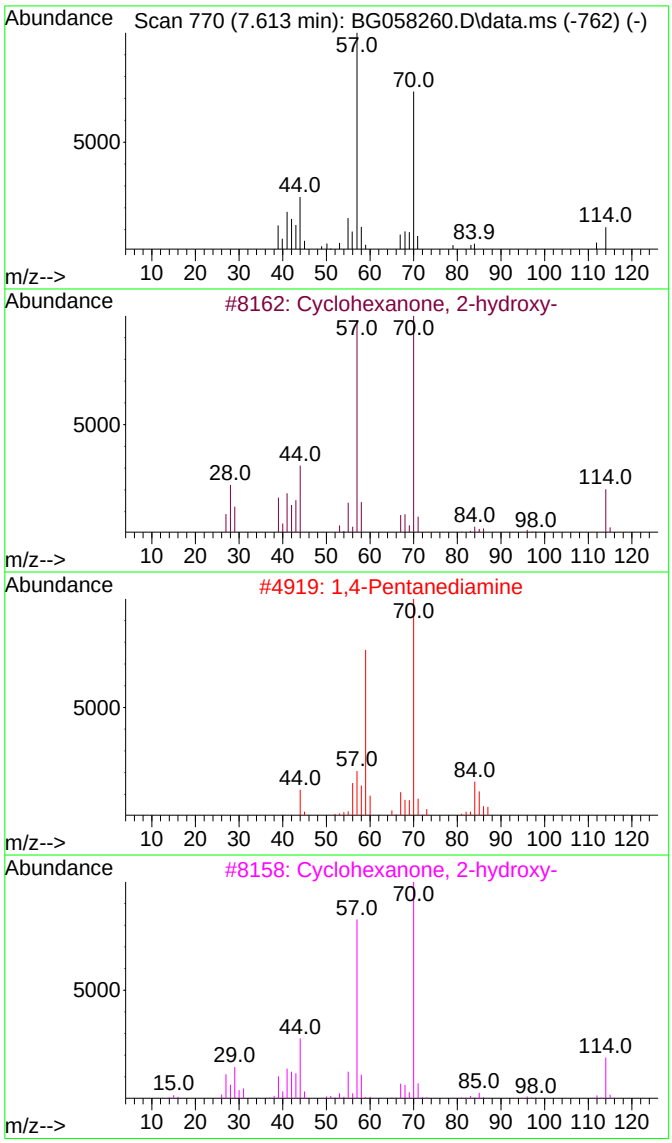
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

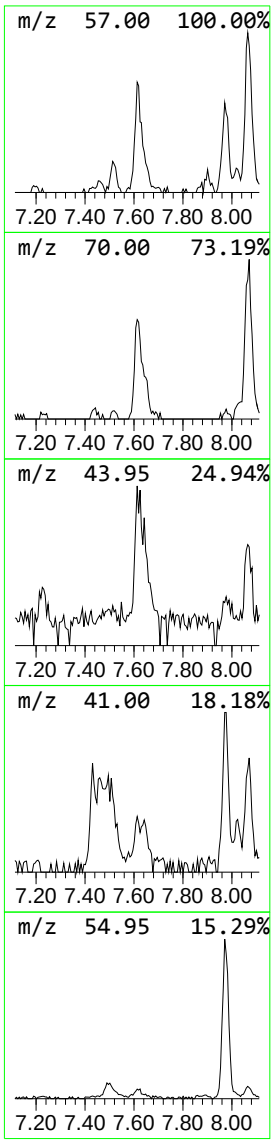
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexanone, 2-hydroxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.613	2.85 ng/ul	45228	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	83
2	1,4-Pentanediamine	102	C5H14N2	000591-77-5	59
3	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	53
4	L-Prolinamide	114	C5H10N2O	007531-52-4	53
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	49





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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

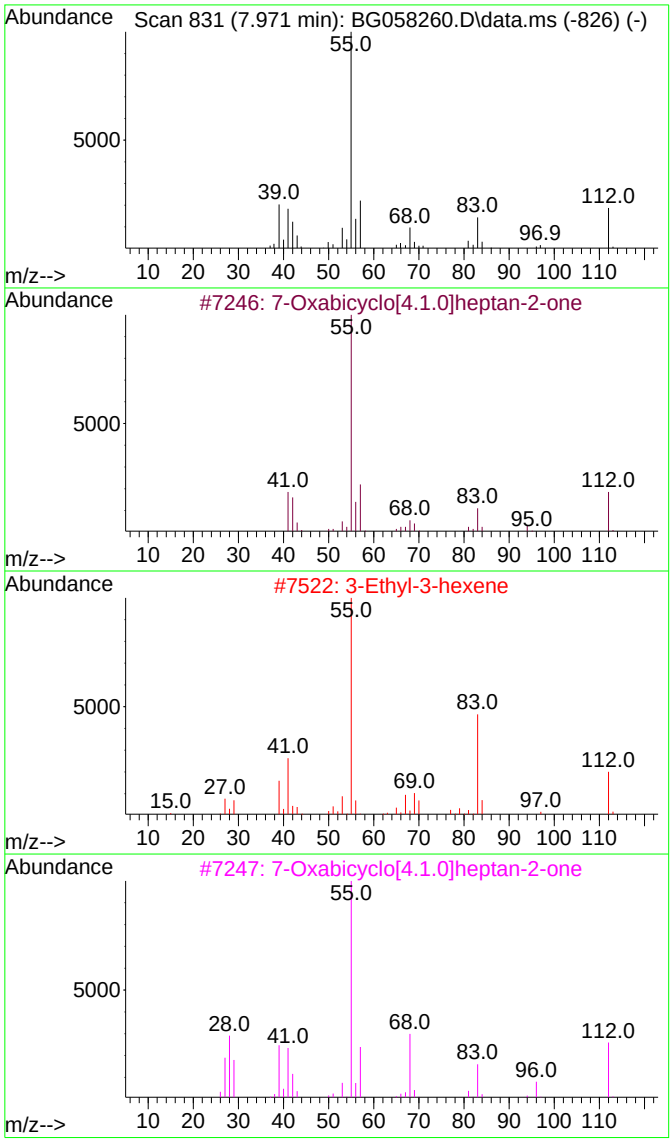
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

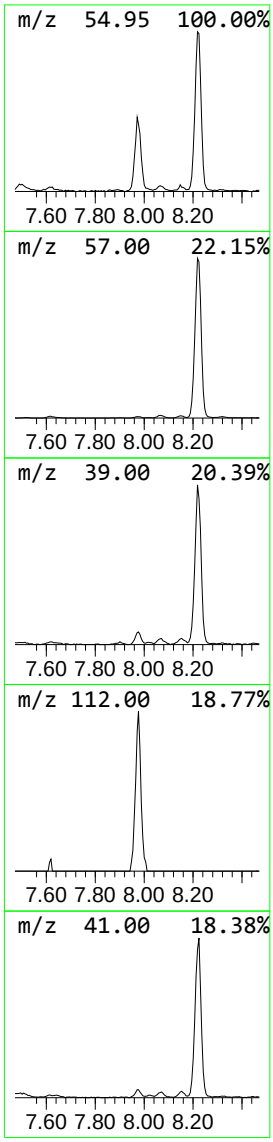
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.971	6.12 ng/ul	97135	1,4-Dichlorobenzene-d4	7.901

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	3-Ethyl-3-hexene	112	C8H16	016789-51-8	64
3	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	64
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	59
5	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	47





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Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

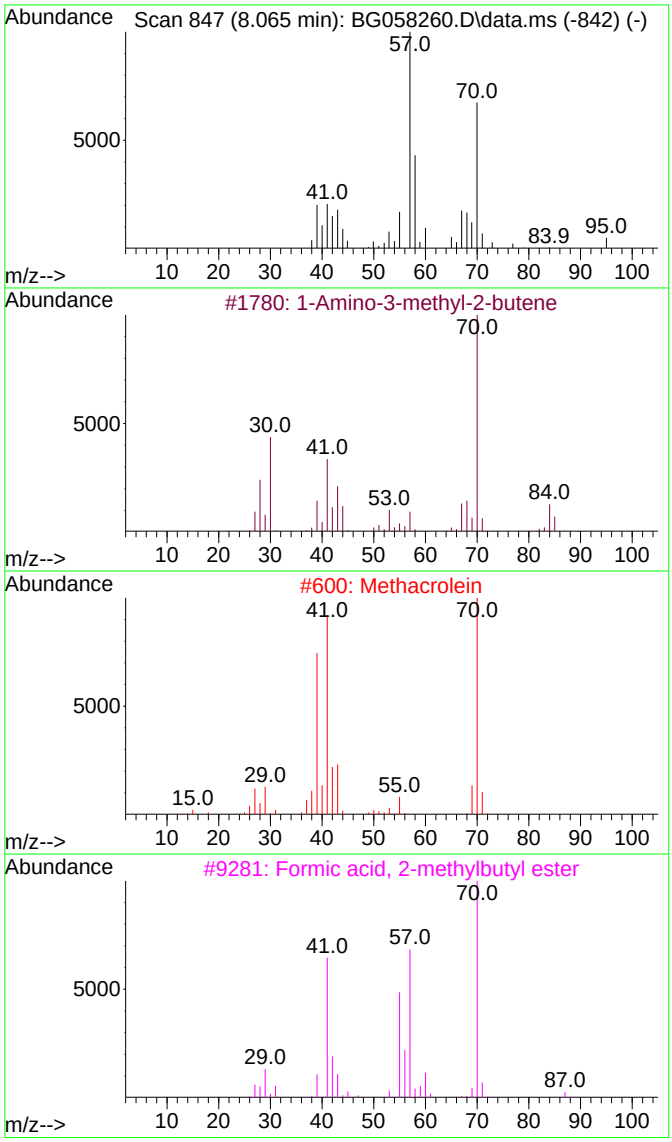
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

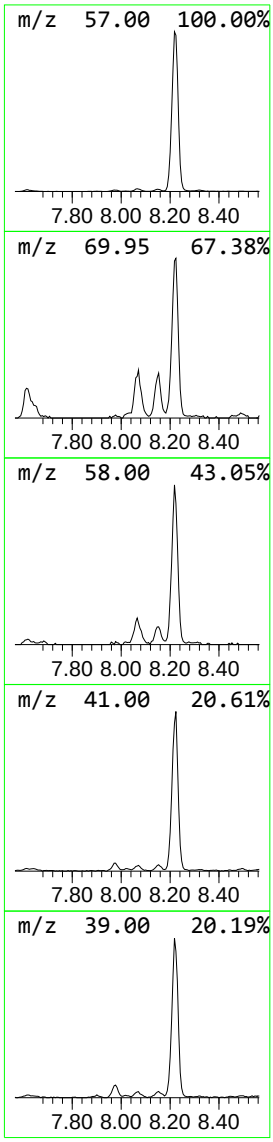
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.065	4.30 ng/ul	68310	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	25
2	Methacrolein	70	C4H6O	000078-85-3	22
3	Formic acid, 2-methylbutyl ester	116	C6H12O2	1000367-91-1	17
4	R(-)-2-Methyl-pyrrolidine	85	C5H11N	1010144-17-1	12
5	Propanoic acid, 2-penten-1-yl es...	142	C8H14O2	1000159-21-9	10





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Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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

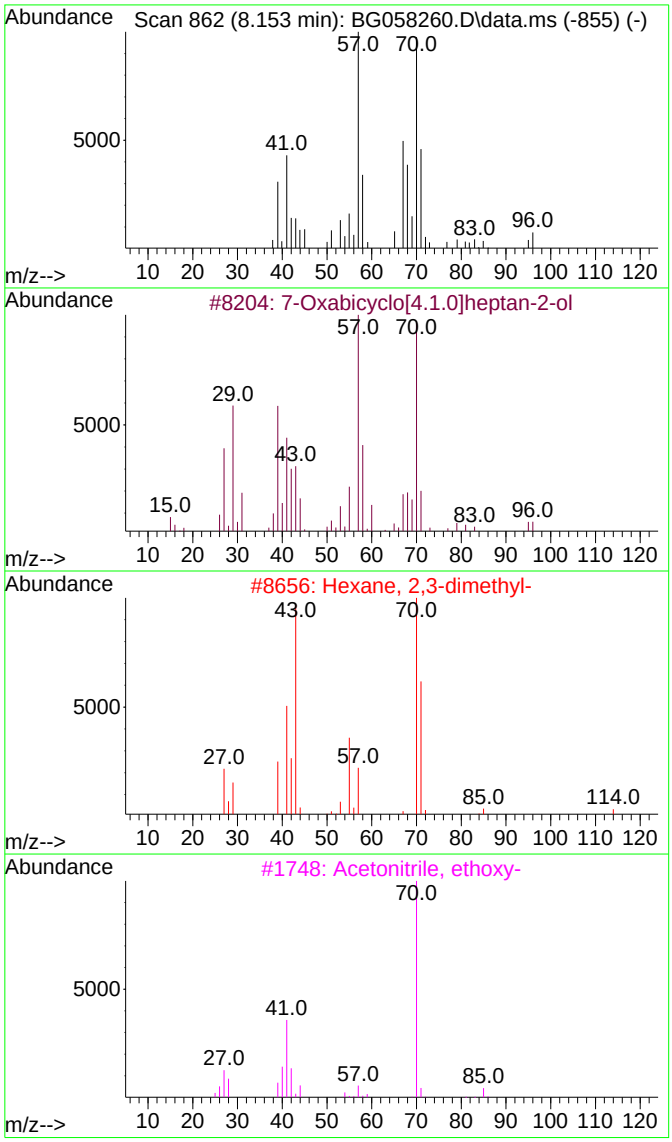
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

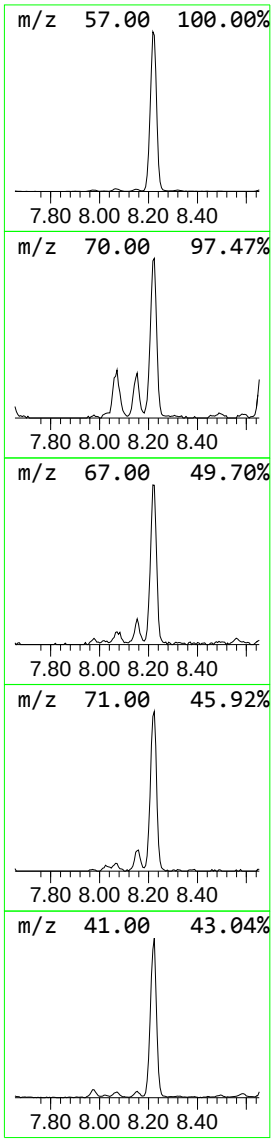
****

Peak Number 14 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	4.33 ng/ul	68795	1,4-Dichlorobenzene-d4	7.901

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	23
3	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	12
4	Cyclopentanol, 3-methyl-	100	C6H12O	018729-48-1	12
5	Propanoic acid, pentyl ester	144	C8H16O2	000624-54-4	10





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Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

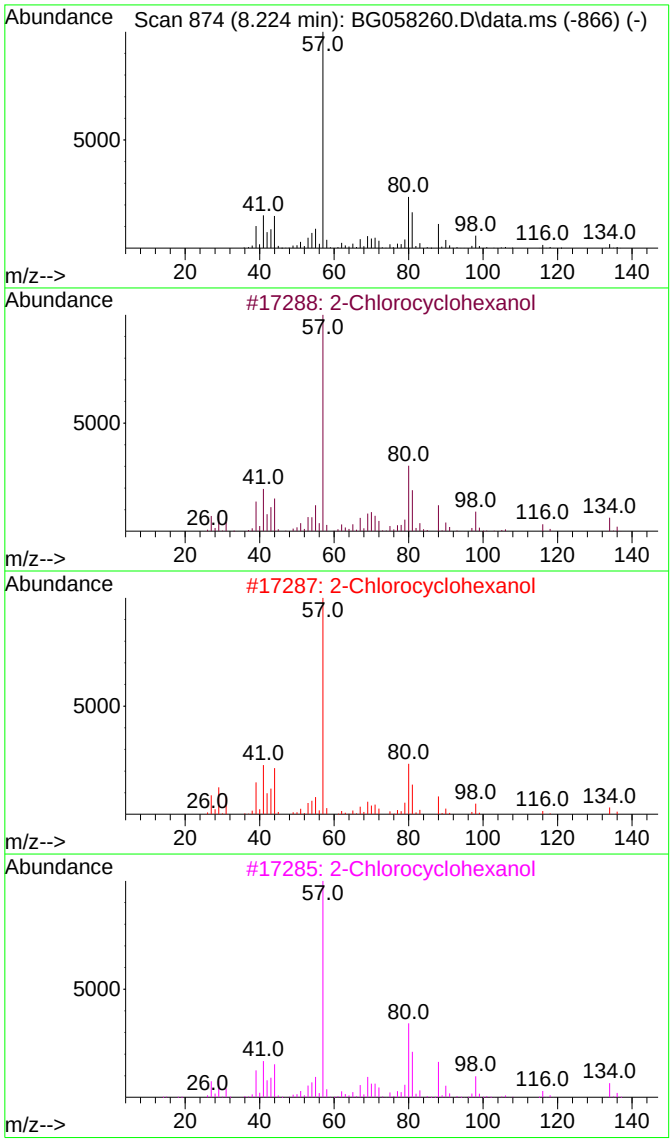
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

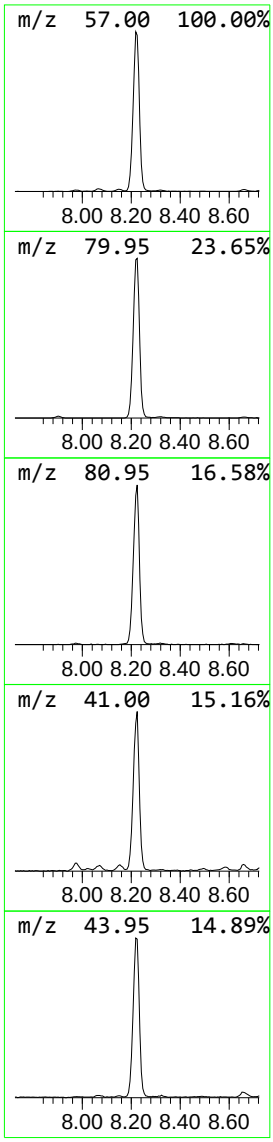
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.224	154.86 ng/ul	2458600	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	72
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50





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Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

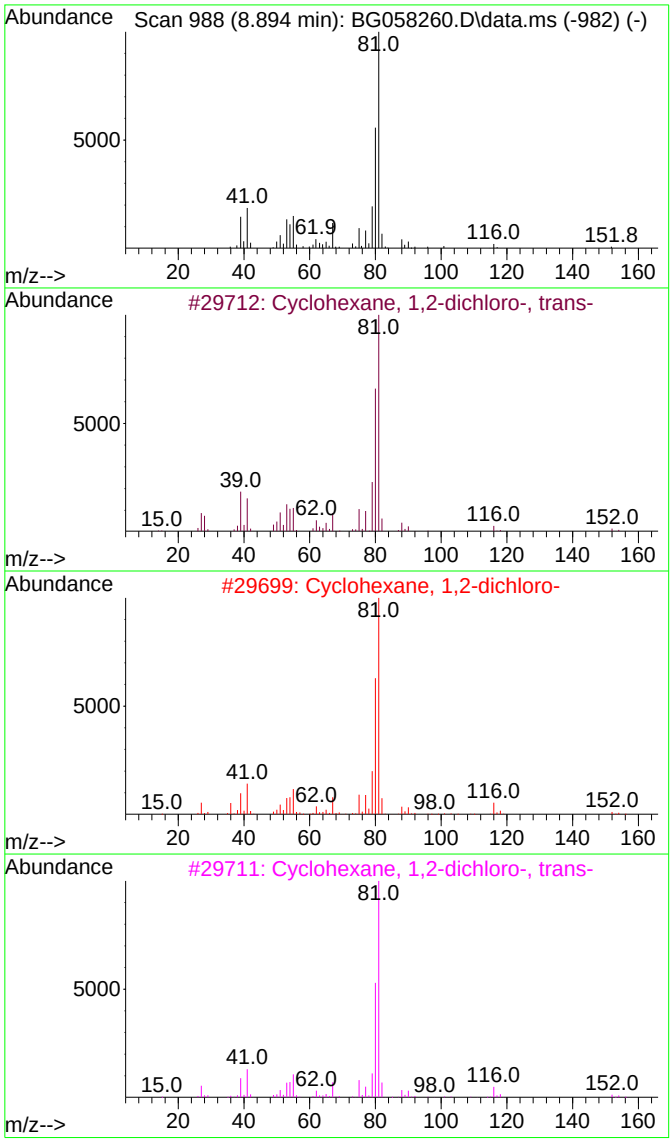
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

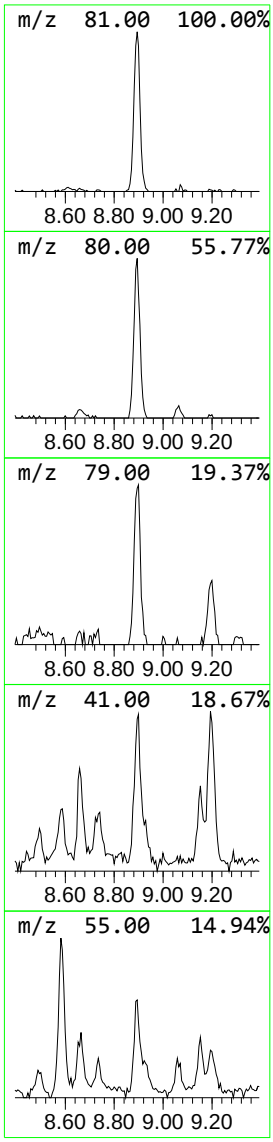
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, 1,2-dichloro-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.894	7.77 ng/ul	123380	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	90
2	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	81
3	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	74
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





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Data File : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

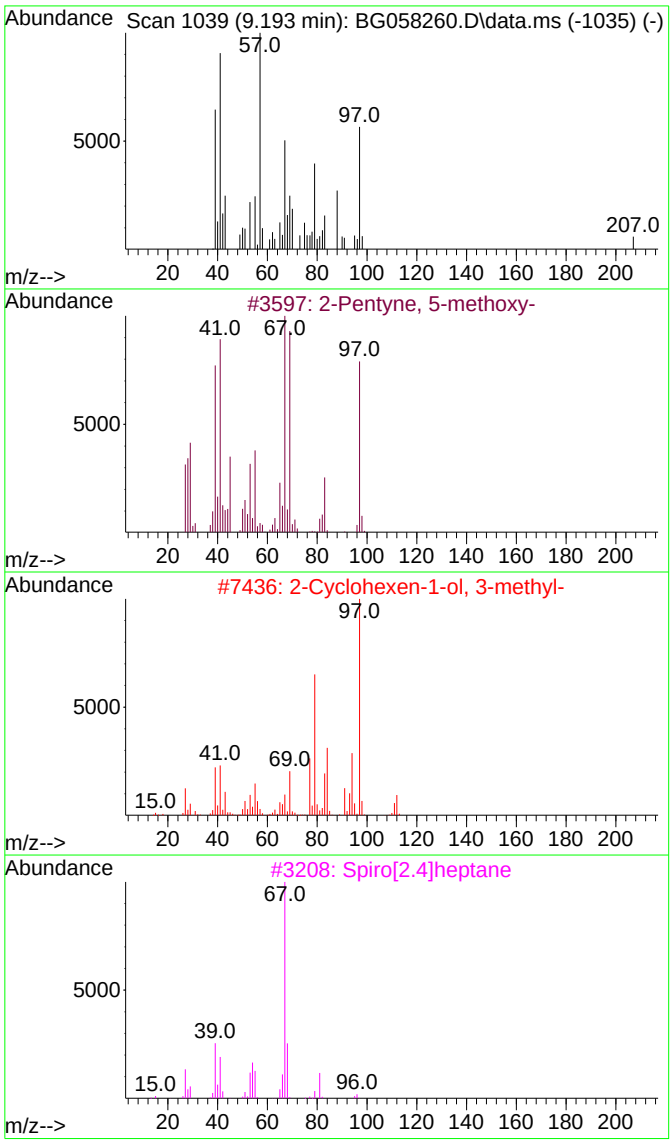
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

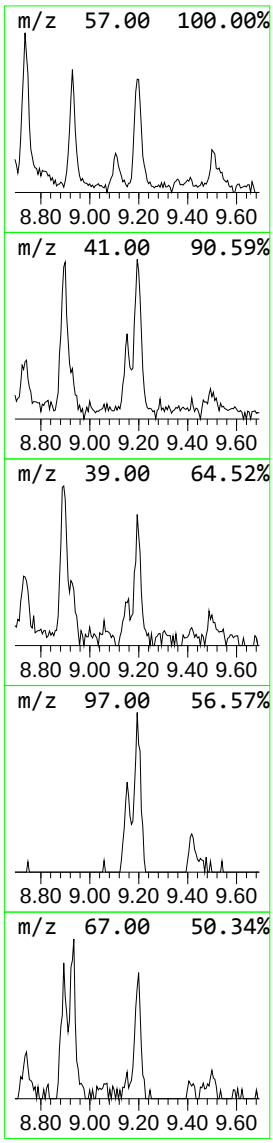
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Pentyne, 5-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.193	4.08 ng/ul	64786	1,4-Dichlorobenzene-d4	7.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentyne, 5-methoxy-	98	C6H10O	062108-18-3	60
2	2-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	021378-21-2	27
3	Spiro[2.4]heptane	96	C7H12	000185-49-9	27
4	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	27
5	Butyraldehyde, 4-(methylenecyclo...	124	C8H12O	1000156-86-5	25





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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

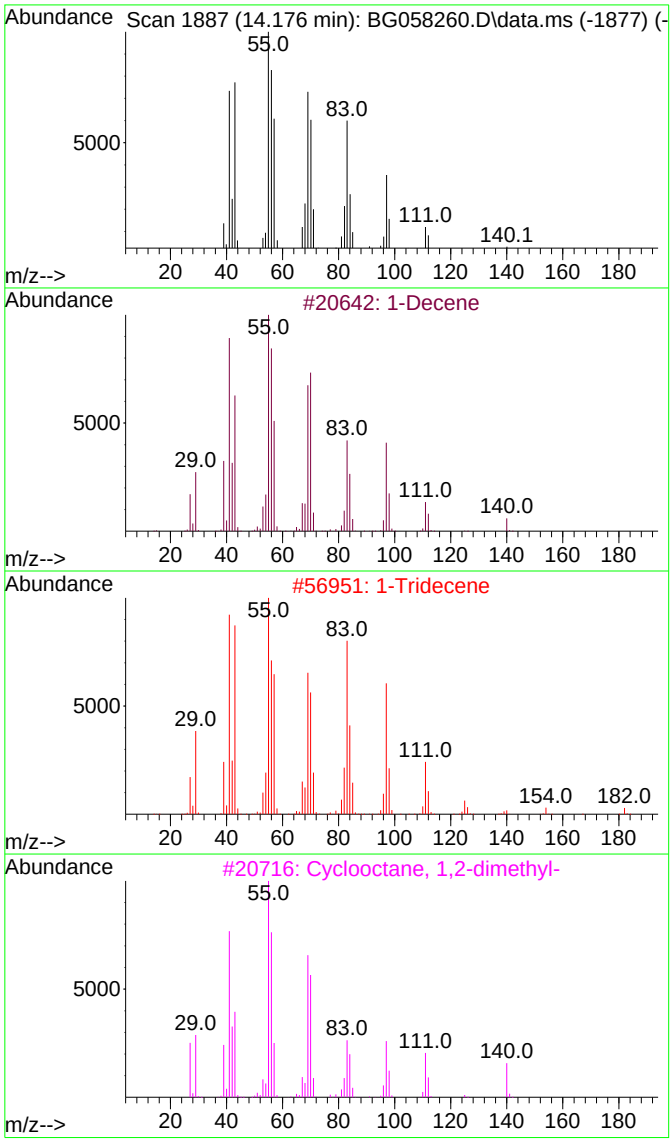
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

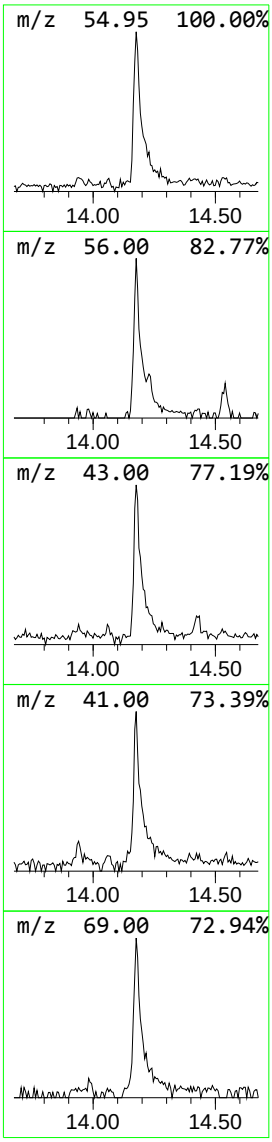
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	2.73 ng/ul	106536	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	94
2	1-Tridecene	182	C13H26	002437-56-1	91
3	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	89
4	Cyclodecane, methyl-	154	C11H22	013151-43-4	80
5	1-Tetradecene	196	C14H28	001120-36-1	80





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Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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

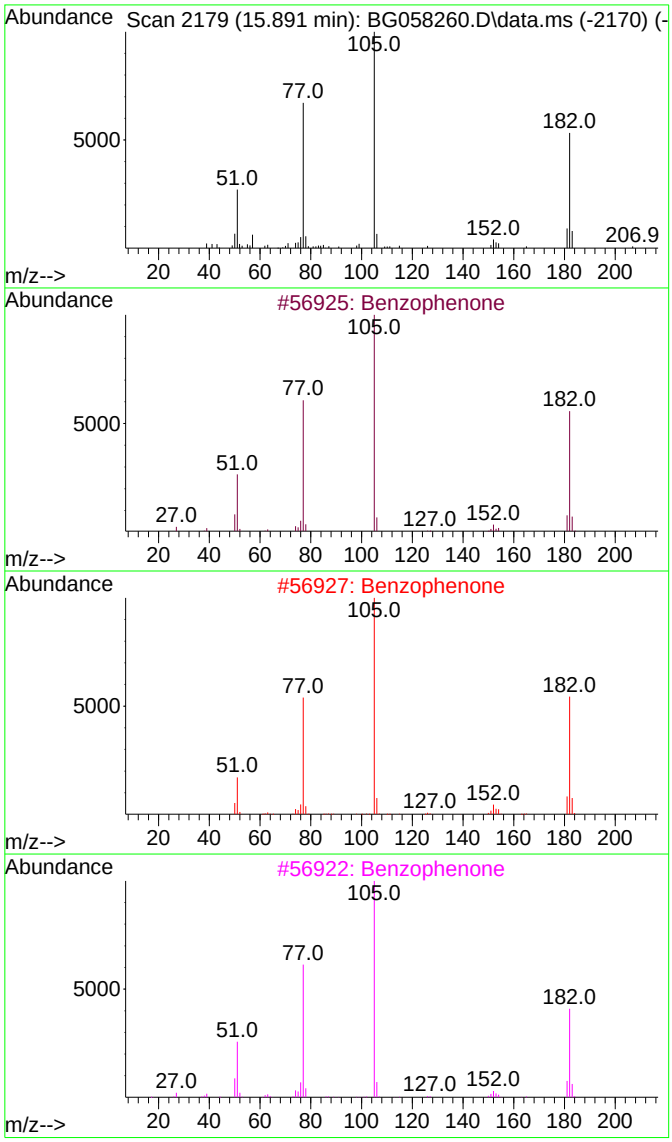
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

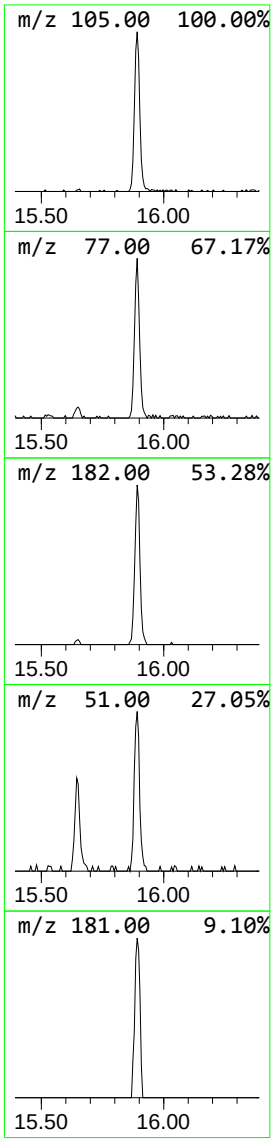
****

Peak Number 19 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.891	2.91 ng/ul	113435	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	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Data File : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

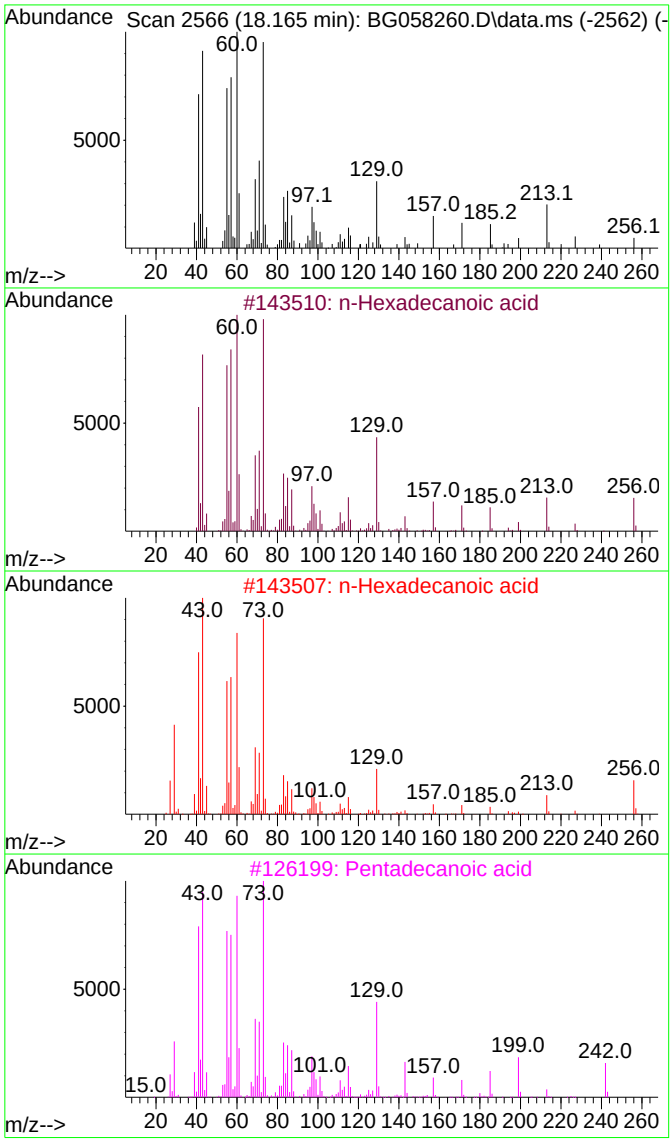
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

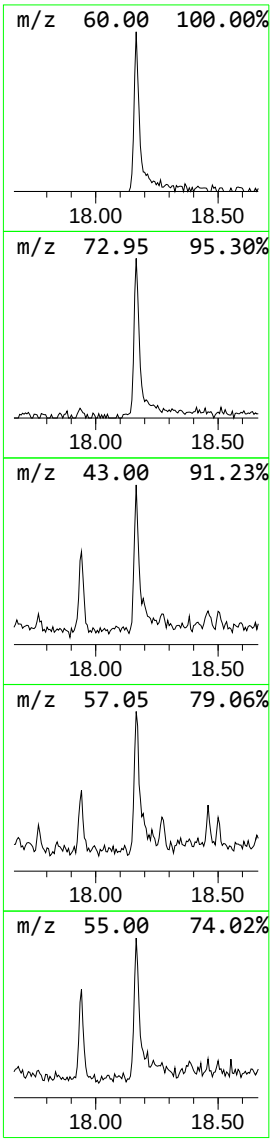
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	2.83 ng/ul	146264	Phenanthrene-d10	17.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

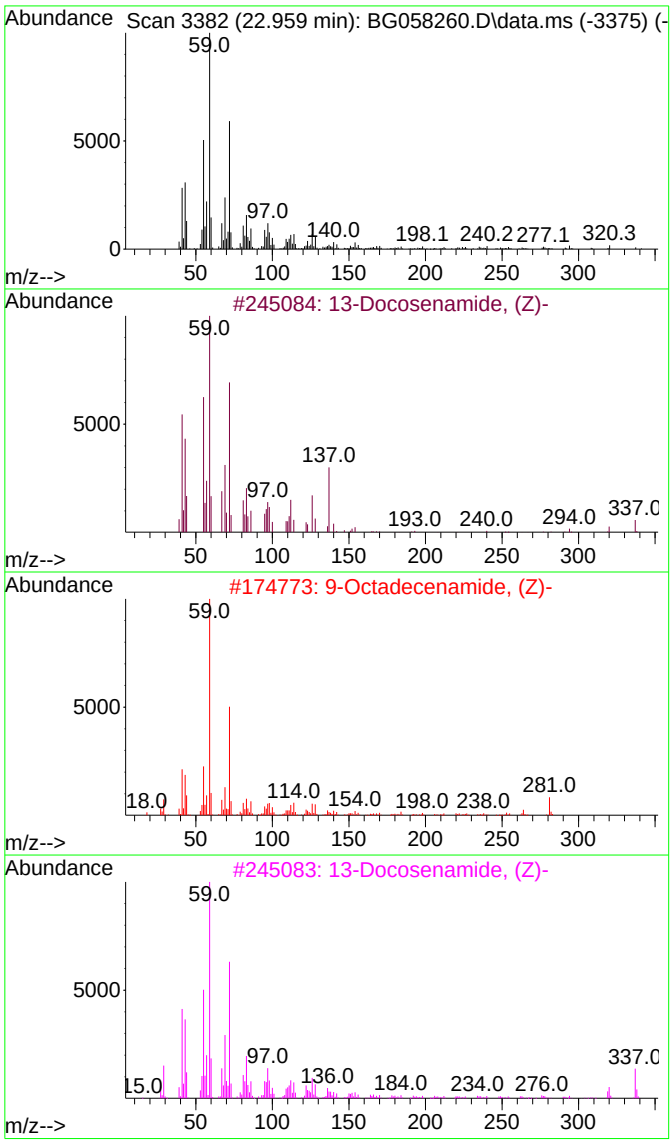
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

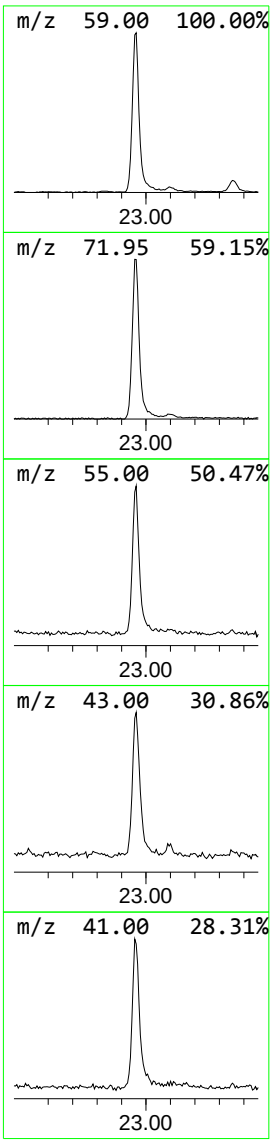
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.959	14.20 ng/ul	767775	Chrysene-d12	21.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
4	9-Octadecenamide	281	C18H35NO	003322-62-1	72
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058260.D
Acq On : 15 Jul 2023 13:15
Operator : CG/JU
Sample : 03437-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46H1

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	3.153	749.1	ng/ul	11893000	1	7.901	317520	20.0
1,3-Pentadiene	4.340	3.5	ng/ul	56406	1	7.901	317520	20.0
Tetrachloroethy...	4.622	4.7	ng/ul	74828	1	7.901	317520	20.0
Aziridine, 1-(1...	5.362	4.1	ng/ul	65494	1	7.901	317520	20.0
p-Xylene	5.545	4.9	ng/ul	77407	1	7.901	317520	20.0
2-Cyclohexen-1-ol	5.803	43.8	ng/ul	694707	1	7.901	317520	20.0
unknown-01	5.838	10.5	ng/ul	166350	1	7.901	317520	20.0
unknown-02	5.915	2.3	ng/ul	36044	1	7.901	317520	20.0
Cyclohexene, 3-...	6.179	8.5	ng/ul	134483	1	7.901	317520	20.0
2-Cyclohexen-1-one	6.526	68.2	ng/ul	1082780	1	7.901	317520	20.0
Cyclohexanone, ...	7.613	2.9	ng/ul	45228	1	7.901	317520	20.0
7-Oxabicyclo[4....	7.971	6.1	ng/ul	97135	1	7.901	317520	20.0
unknown-03	8.065	4.3	ng/ul	68310	1	7.901	317520	20.0
unknown-04	8.153	4.3	ng/ul	68795	1	7.901	317520	20.0
2-Chlorocyclohe...	8.224	154.9	ng/ul	2458600	1	7.901	317520	20.0
Cyclohexane, 1,...	8.894	7.8	ng/ul	123380	1	7.901	317520	20.0
2-Pentyne, 5-me...	9.193	4.1	ng/ul	64786	1	7.901	317520	20.0
(DEL) Alkane: S...	14.176	2.7	ng/ul	106536	3	14.540	780863	20.0
Benzophenone	15.891	2.9	ng/ul	113435	3	14.540	780863	20.0
n-Hexadecanoic ...	18.165	2.8	ng/ul	146264	4	17.284	1034470	20.0
13-Docosenamide...	22.959	14.2	ng/ul	767775	5	21.538	1081610	20.0