LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058422.D
Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46Z4

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-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058422.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	3	10	40	rVB2	1652060	4622505	100.00%	17.701%
2	3.752	107	113	124	rBV2	106065	222531	4.81%	0.852%
3	3.863	130	132	137	rVB4	8240	10709	0.23%	0.041%
4	3.910	137	140	146	rVV6	6558	12805	0.28%	0.049%
5	3.987	151	153	160	rVV4	10327	16016	0.35%	0.061%
6	4.069	161	167	177	rVV2	128572	235122	5.09%	0.900%
7	4.145	177	180	186	rVV6	9075	13335	0.29%	0.051%
8	4.233	190	195	204	rVV	60058	98040	2.12%	0.375%
9	4.333	208	212	217	rVB5	7161	12233	0.26%	0.047%
10	4.451	227	232	240	rVV2	54018	86955	1.88%	0.333%
11	4.586	247	255	258	rBV	21658	37304	0.81%	0.143%
12	4.639	258	264	280	rVB	135177	244830	5.30%	0.938%
13	4.809	287	293	296	rBV5	14222	23094	0.50%	0.088%
14	4.850	296	300	304	rVV5	18083	26001	0.56%	0.100%
15	5.074	331	338	350	rBV7	10024	26513	0.57%	0.102%
16	5.356	378	386	392	rBV7	12824	25564	0.55%	0.098%
17	5.790	454	460	463	rBV3	28834	53505	1.16%	0.205%
18	5.831	463	467	474	rVB2	51928	94151	2.04%	0.361%
19	5.978	487	492	498	rVB6	6677	11301	0.24%	0.043%
20	6.190	520	528	533	rVV2	67486	138854	3.00%	0.532%
21	6.237	533	536	540	rVV2	28654	48238	1.04%	0.185%
22	6.272	540	542	551	rVV7	13654	26441	0.57%	0.101%
23	6.519	576	584	592	rVV	62217	120354	2.60%	0.461%
24	6.719	609	618	624	rBV4	67528	171084	3.70%	0.655%
25	6.777	624	628	632	rVV4	17525	36091	0.78%	0.138%
26	6.824	634	636	642	rVB2	12661	17864	0.39%	0.068%
27	6.948	652	657	661	rBV3	10515	16719	0.36%	0.064%
28	7.065	671	677	682	rBV	50572	88872	1.92%	0.340%
29	7.124	682	687	694	rVB3	39414	70057	1.52%	0.268%
30	7.224	697	704	712	rBV	207744	363502	7.86%	1.392%
31	7.430	732	739	747	rBV	202108	353101	7.64%	1.352%
32	7.582	759	765	773	rBV3	28071	66837	1.45%	0.256%
33	7.894	811	818	826	rBV	344036	580600	12.56%	2.223%
34	8.058	840	846	853	rBV2	40168	73183	1.58%	0.280%
35	8.135	853	859	866	rVB3	55430	103149	2.23%	0.395%
36	8.211	866	872	875	rBV	41204	74355	1.61%	0.285%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46Z4

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-BG071723.MA.M
Title : SVOA CALIBRATION

37	8.411	900	906	910	rBV7	8710	18189	0.39%	0.070%
38	8.534	922	927	930	rBV3	6856	11554	0.25%	0.044%
39	8.605	933	939	947	rVV2	102400	190371	4.12%	0.729%
40	8.851	972	981	986	rBV5	35203	90794	1.96%	0.348%
41	8.910	988	991	996	rVV5	13877	26642	0.58%	0.102%
42	9.057	1009	1016	1024	rBV	256480	452387	9.79%	1.732%
43	9.204	1036	1041	1043	rBV4	12280	20504	0.44%	0.079%
44	9.239	1043	1047	1052	rVB3	15016	23659	0.51%	0.091%
45	9.304	1052	1058	1062	rBV	13207	23384	0.51%	0.090%
46	9.392	1070	1073	1077	rBV4	8394	12833	0.28%	0.049%
47	9.451	1077	1083	1087	rVV3	35127	63694	1.38%	0.244%
48	9.633	1105	1114	1119	rBV7	9579	24273	0.53%	0.093%
49	9.780	1132	1139	1153	rVB	183797	351359	7.60%	1.345%
50	9.997	1170	1176	1179	rBV6	6980	12318	0.27%	0.047%
51	10.044	1179	1184	1189	rBV6	10693	22838	0.49%	0.087%
52	10.138	1196	1200	1204	rVB5	8286	11337	0.25%	0.043%
53	10.320	1219	1231	1239	rBV	271626	551746	11.94%	2.113%
54	10.450	1249	1253	1260	rVB6	10033	17195	0.37%	0.066%
55	10.544	1260	1269	1275	rBV	39928	78704	1.70%	0.301%
56	10.696	1286	1295	1308	rBV	495777	915051	19.80%	3.504%
57	10.832	1311	1318	1331	rBV2	211835	481046	10.41%	1.842%
58	11.114	1351	1366	1372	rBV2	39586	104083	2.25%	0.399%
59	11.284	1389	1395	1398	rBV4	7286	12640	0.27%	0.048%
60	11.331	1398	1403	1405	rVV	35916	63204	1.37%	0.242%
61	11.360	1405	1408	1413	rVV2	43175	71777	1.55%	0.275%
62	11.419	1413	1418	1427	rVV3	55842	125141	2.71%	0.479%
63	11.507	1427	1433	1441	rVB	47761	84388	1.83%	0.323%
64	11.619	1446	1452	1456	rBV5	6140	12719	0.28%	0.049%
65	11.883	1492	1497	1501	rBV5	12176	26315	0.57%	0.101%
66	11.948	1504	1508	1517	rVB2	19088	38050	0.82%	0.146%
67	12.148	1535	1542	1550	rBV8	7839	21511	0.47%	0.082%
68	12.289	1562	1566	1570	rVV5	7228	14357	0.31%	0.055%
69	12.330	1570	1573	1578	rVB6	8612	14190	0.31%	0.054%
70	12.418	1580	1588	1594	rBV4	16641	28783	0.62%	0.110%
71	12.559	1607	1612	1615	rBV5	5759	11430	0.25%	0.044%
72	12.747	1638	1644	1647	rBV3	19295	32583	0.70%	0.125%
73	12.900	1662	1670	1673	rBV2	18464	30993	0.67%	0.119%
74	12.935	1673	1676	1681	rVV2	18825	27411	0.59%	0.105%
75	13.934	1838	1846	1855	rBV	566565	843989	18.26%	3.232%
76	14.228	1889	1896	1904	rVB2	629473	1017830	22.02%	3.898%

LSC Area Percent Report

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Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Title : SVOA CALIBRATION

77	14.533	1941	1948	1959	rBV	762202	1193375	25.82%	4.570%
78	14.774	1981	1989	1997	rBV7	28132	67864	1.47%	0.260%
79	15.526	2108	2117	2133	rVV	842548	1306552	28.27%	5.003%
80	15.649	2133	2138	2147	rVV	36587	63671	1.38%	0.244%
81	15.884	2170	2178	2184	rBV2	11804	20890	0.45%	0.080%
82	16.349	2252	2257	2264	rVB3	7838	11866	0.26%	0.045%
83	17.277	2409	2415	2425	rBV	867184	1350058	29.21%	5.170%
84	17.377	2425	2432	2444	rVV	859381	1333305	28.84%	5.106%
85	18.158	2558	2565	2572	rBV8	16642	34002	0.74%	0.130%
86	18.235	2574	2578	2584	rVB	7877	12480	0.27%	0.048%
87	18.664	2645	2651	2655	rVB6	8172	13306	0.29%	0.051%
88	19.233	2744	2748	2752	rVB	14912	21948	0.47%	0.084%
89	19.304	2752	2760	2768	rBV2	13431	29292	0.63%	0.112%
90	19.668	2816	2822	2830	rBV	1142402	1617384	34.99%	6.193%
91	19.886	2854	2859	2864	rVB	53934	66632	1.44%	0.255%
92	20.579	2973	2977	2982	rBV	17724	21078	0.46%	0.081%
93	20.902	3028	3032	3036	rVB	110751	130763	2.83%	0.501%
94	21.255	3089	3092	3096	rBV	11988	17350	0.38%	0.066%
95	21.407	3115	3118	3123	rVB	44883	59834	1.29%	0.229%
96	21.531	3132	3139	3149	rBV2	811767	1355040	29.31%	5.189%
97	21.666	3158	3162	3166	rBV2	20398	33337	0.72%	0.128%
98	22.295	3267	3269	3274	rVB6	11474	14120	0.31%	0.054%
99	24.451	3626	3636	3652	rBV2	563169	1605975	34.74%	6.150%
100	24.674	3663	3674	3691	rBV	528548	1531271	33.13%	5.864%

Sum of corrected areas: 26114480

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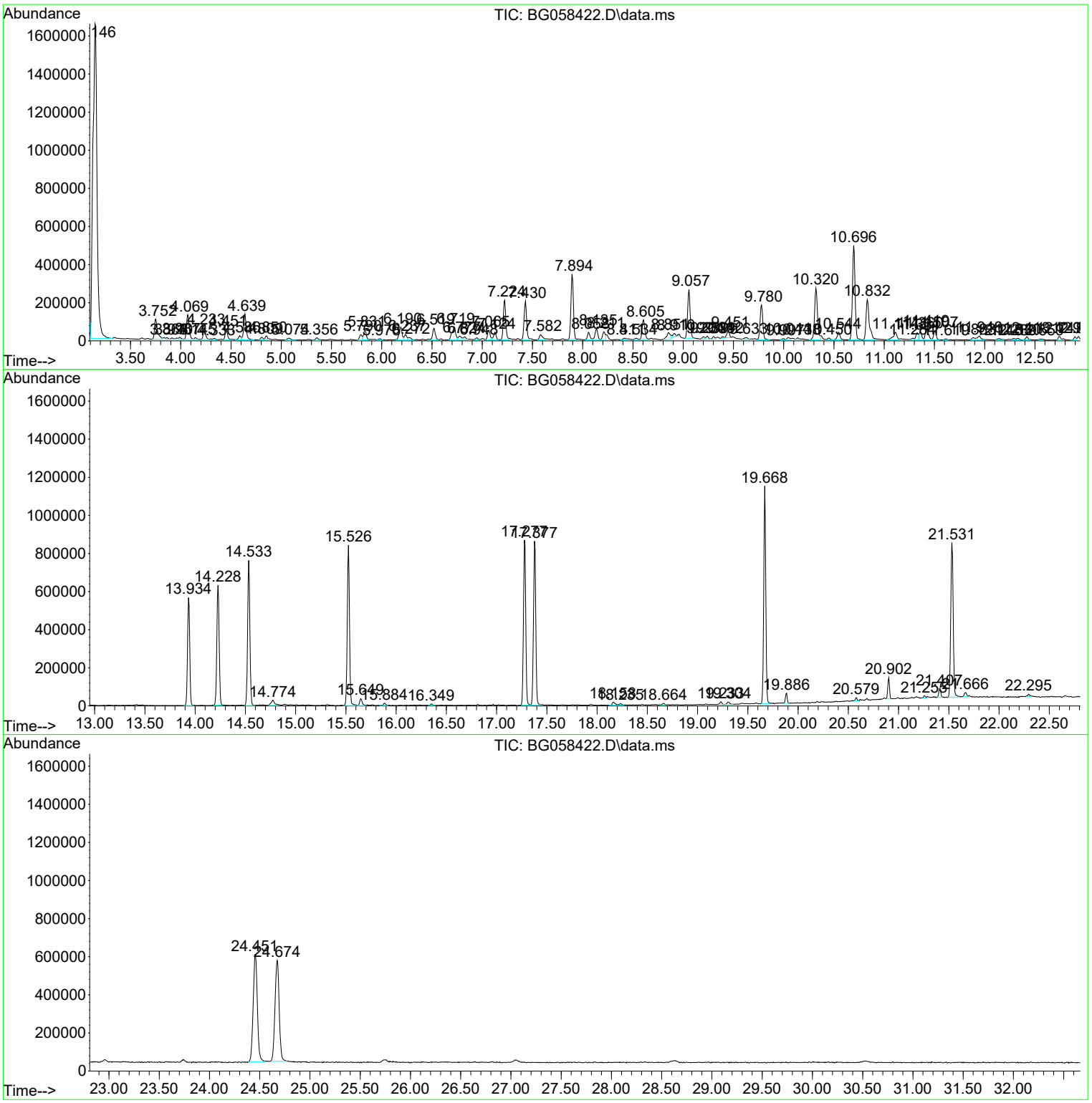
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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\BG072223\
Data File : BG058422.D
Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

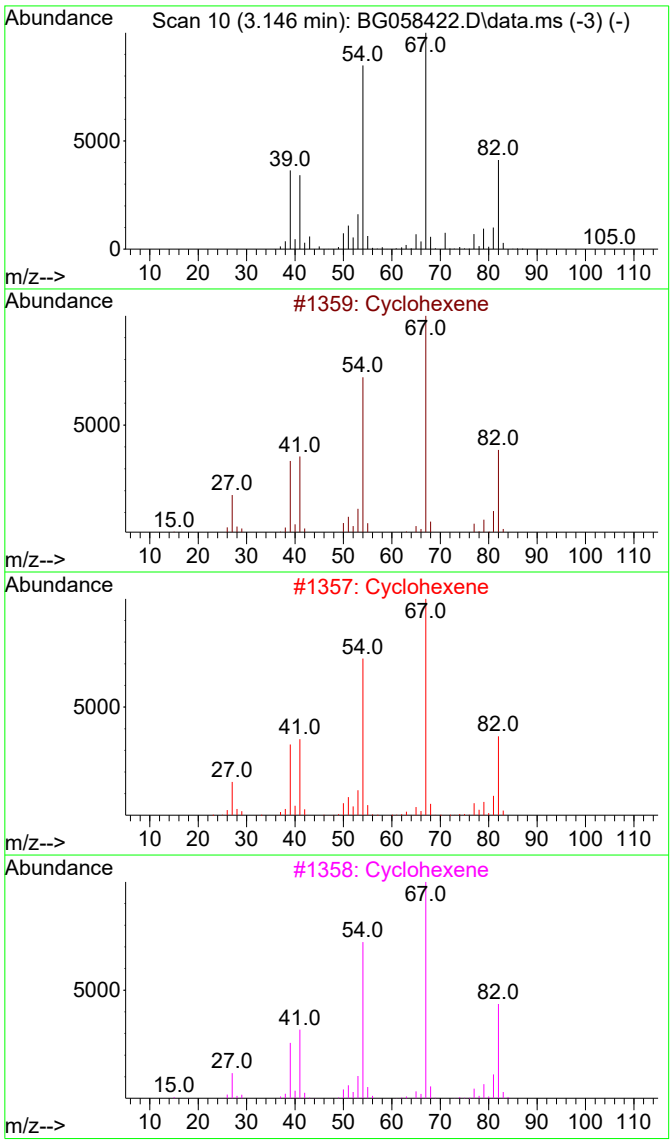
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

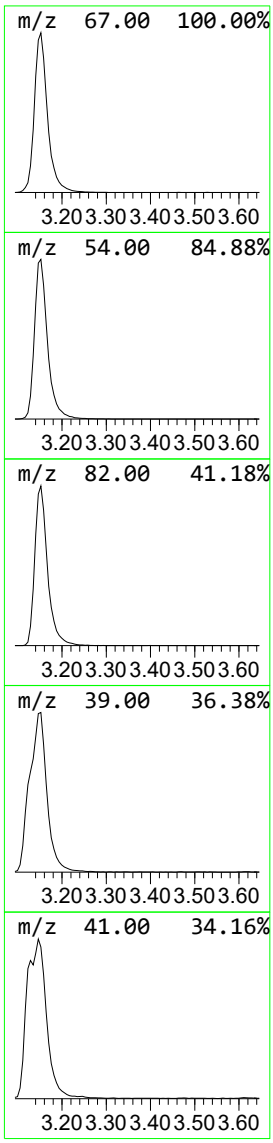
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	159.23 ng/ul	4622510	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Cyclohexene	82	C6H10	000110-83-8	91
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058422.D
Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

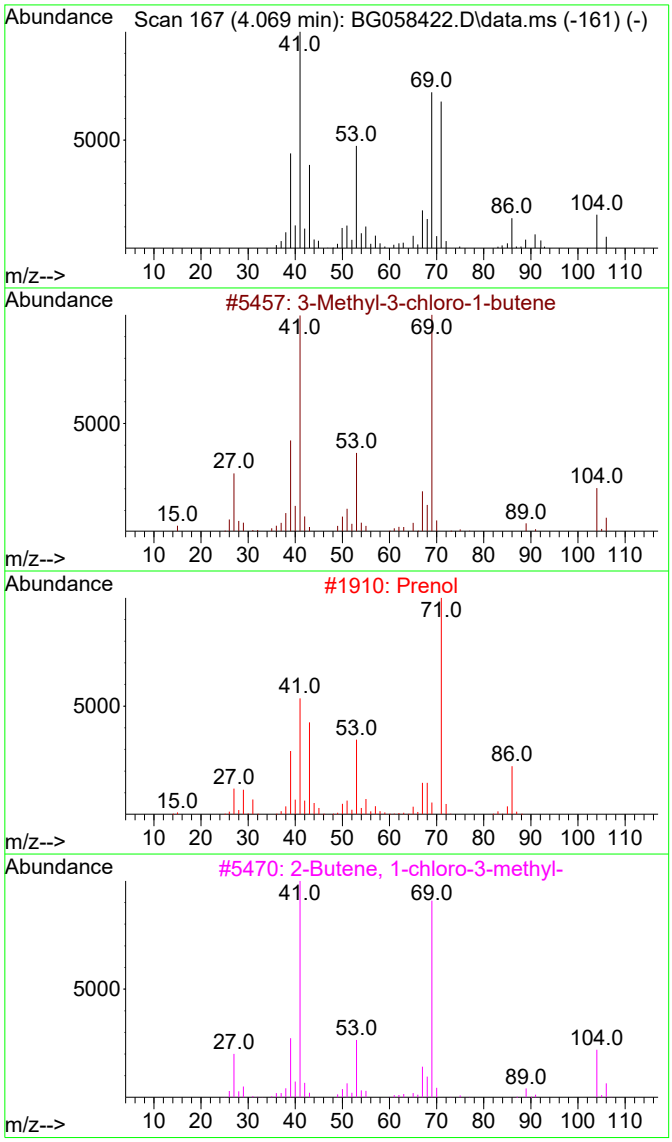
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

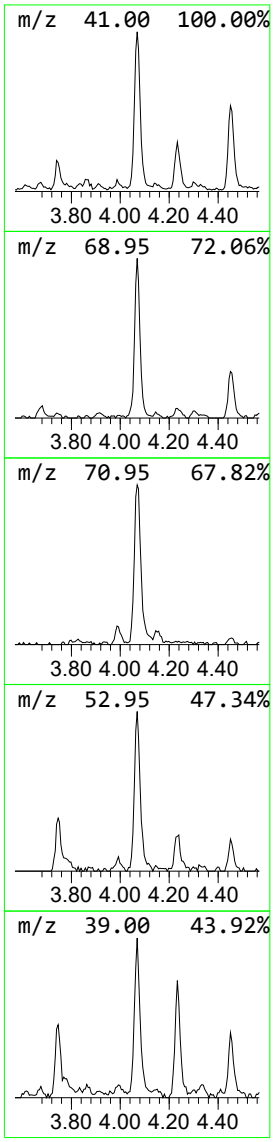
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Methyl-3-chloro-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.069	8.10 ng/ul	235122	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	60
2	Prenol	86	C5H10O	000556-82-1	53
3	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	49
4	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	49
5	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058422.D
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Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

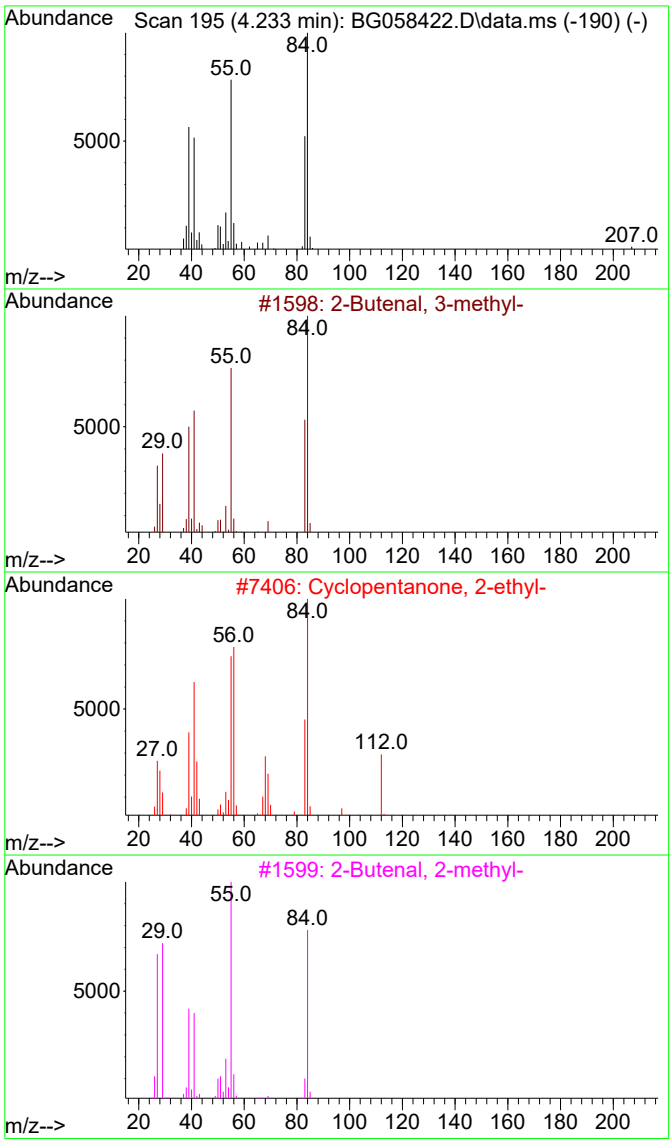
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

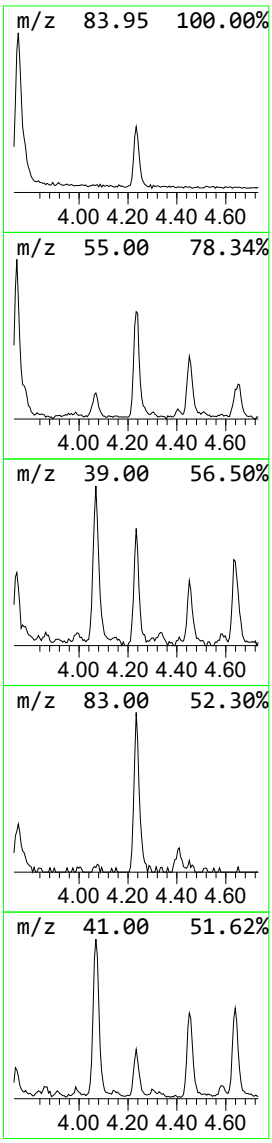
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butenal, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.233	3.38 ng/ul	98040	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	91
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	56
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	53
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	53
5	2-Pentenal, (E)-	84	C5H8O	001576-87-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

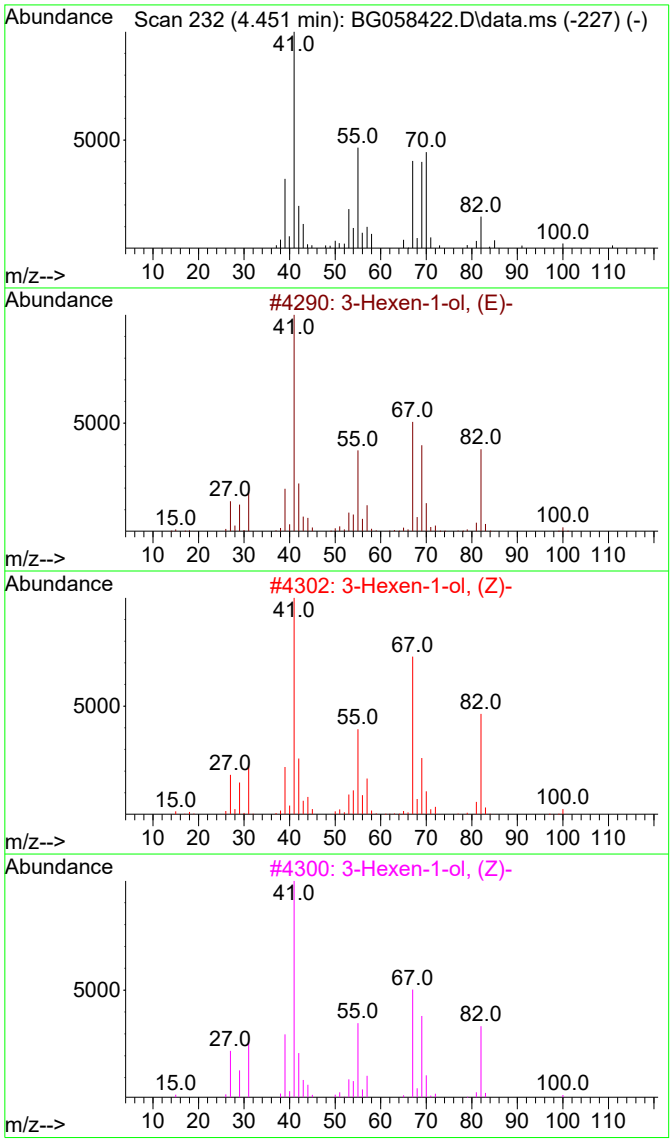
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

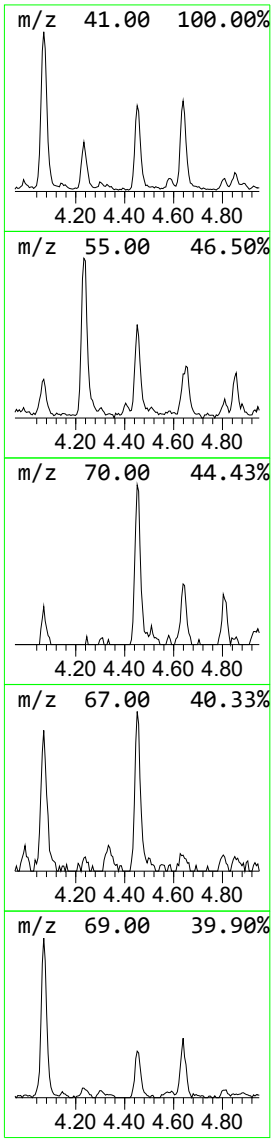
****

Peak Number 4 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.451	3.00 ng/ul	86955	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	49
2	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	47
3	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	43
4	3-Penten-1-ol, 3-methyl-	100	C6H12O	001708-99-2	43
5	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058422.D
Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

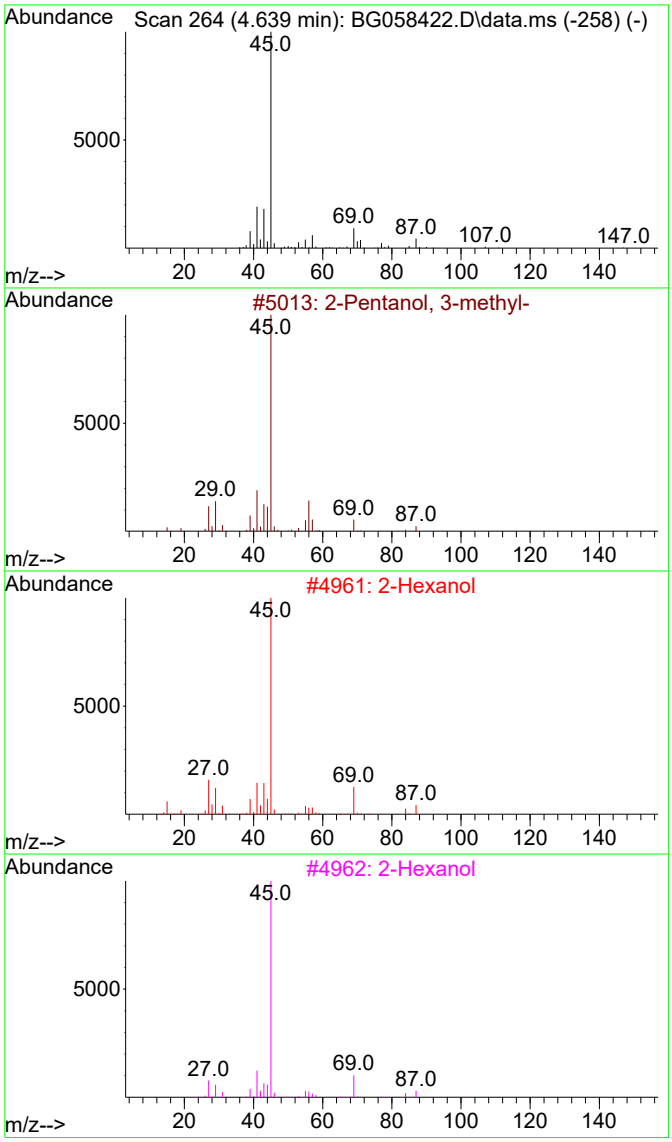
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

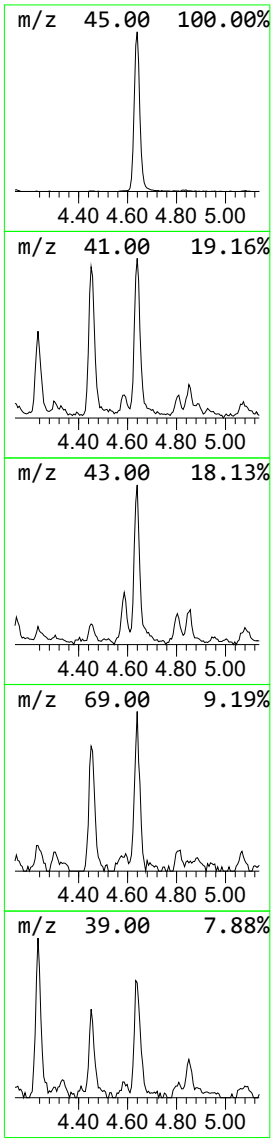
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.639	8.43 ng/ul	244830	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	72
2	2-Hexanol	102	C6H14O	000626-93-7	64
3	2-Hexanol	102	C6H14O	000626-93-7	43
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	43
5	L-Lactic acid	90	C3H6O3	000079-33-4	42





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Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

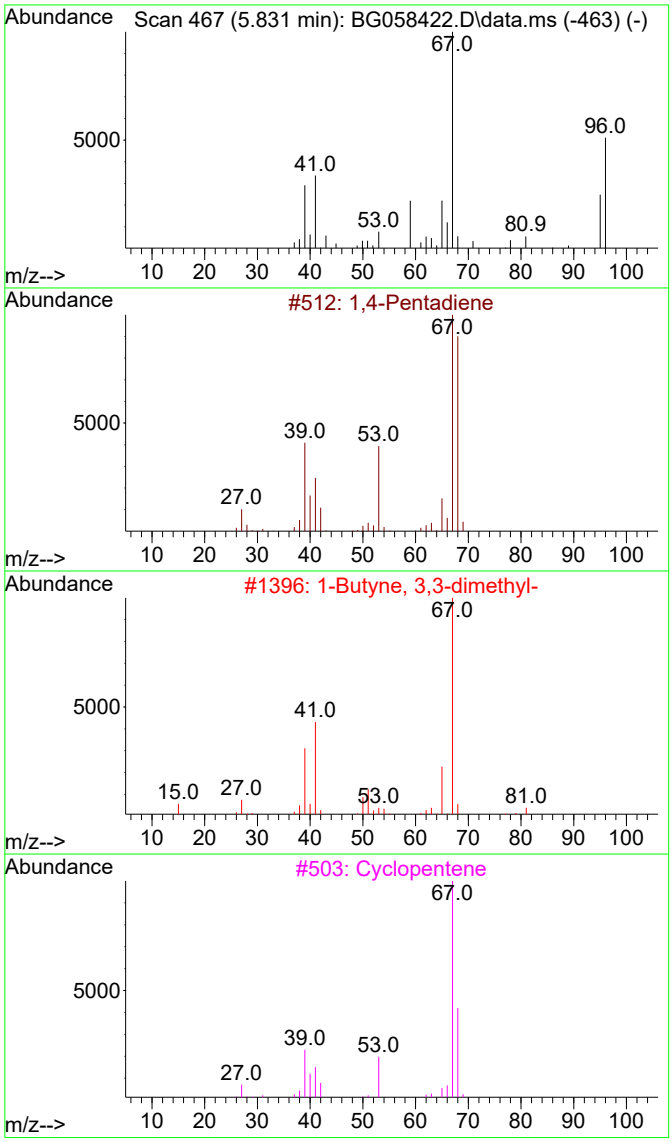
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

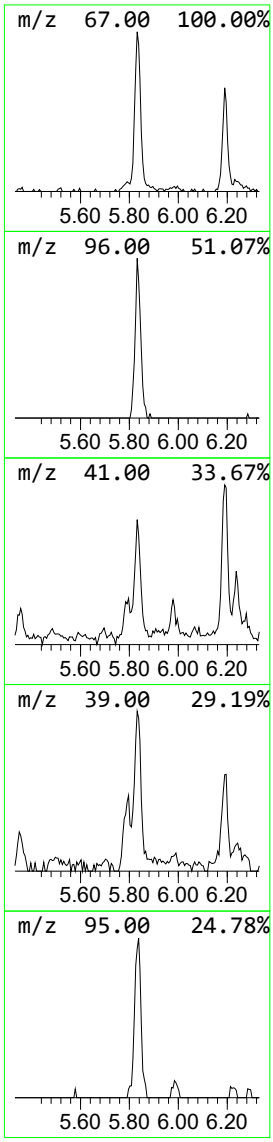
****

Peak Number 6 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.831	3.24 ng/ul	94151	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene	68	C5H8	000591-93-5	37
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	32
3	Cyclopentene	68	C5H8	000142-29-0	25
4	5-Methyl-1H-pyrrol-2-amine	96	C5H8N2	1000436-81-3	9
5	Pyrrole	67	C4H5N	000109-97-7	9





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Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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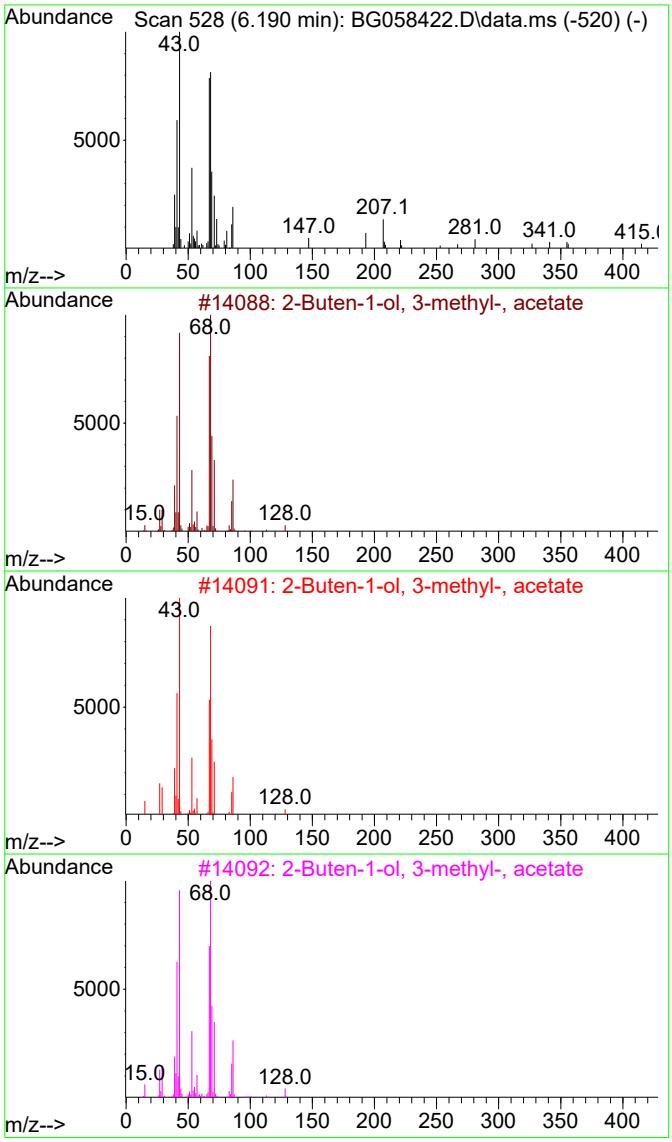
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

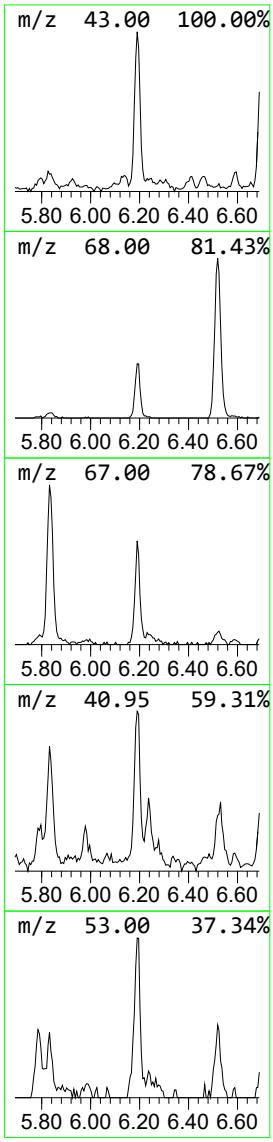
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.190	4.78 ng/ul	138854	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	86
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	53
3	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	53
4	4-Penten-1-ol, pentafluoropropio...	232	C8H9F5O2	1000365-57-7	53
5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	53





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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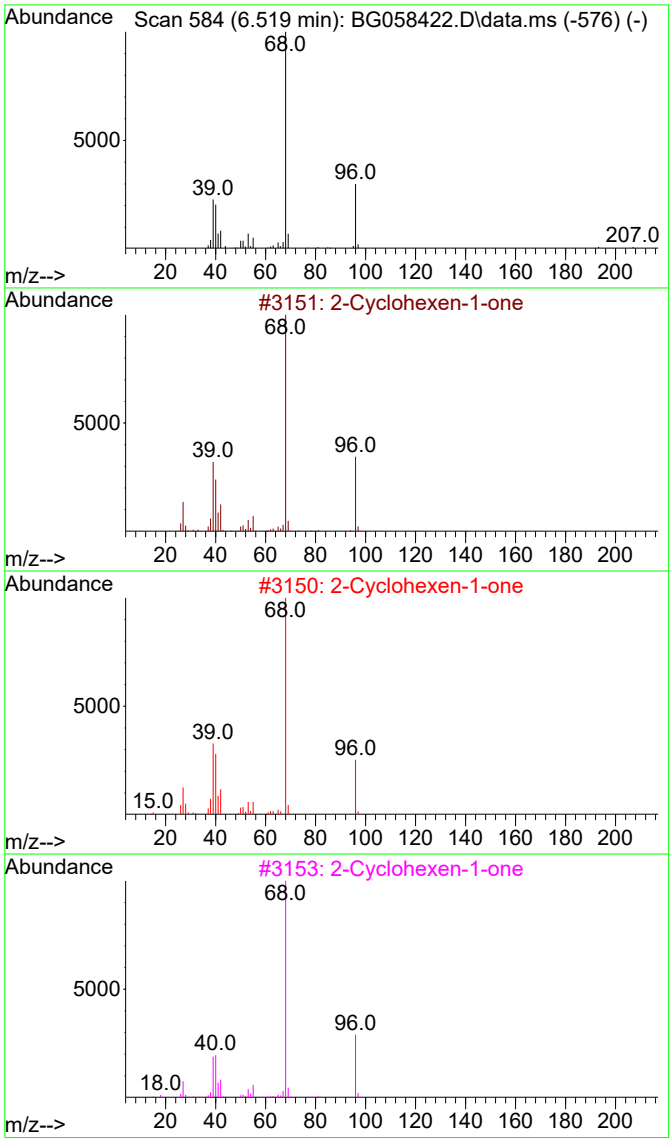
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

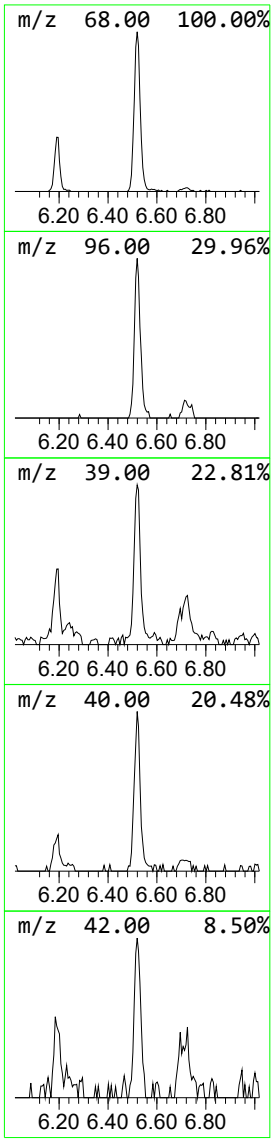
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Cyclohexen-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.519	4.15 ng/ul	120354	1,4-Dichlorobenzene-d4	7.894

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	90
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	87
5	1-Pentyn-3-amine, 3-methyl-	97	C6H11N	018369-96-5	45





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Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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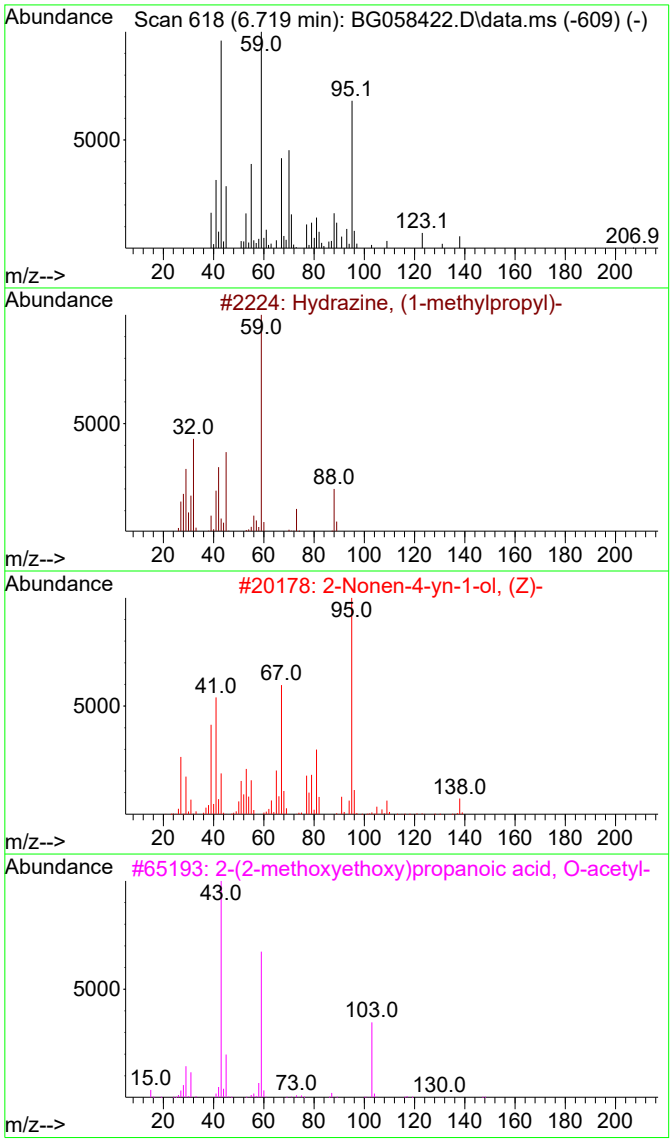
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

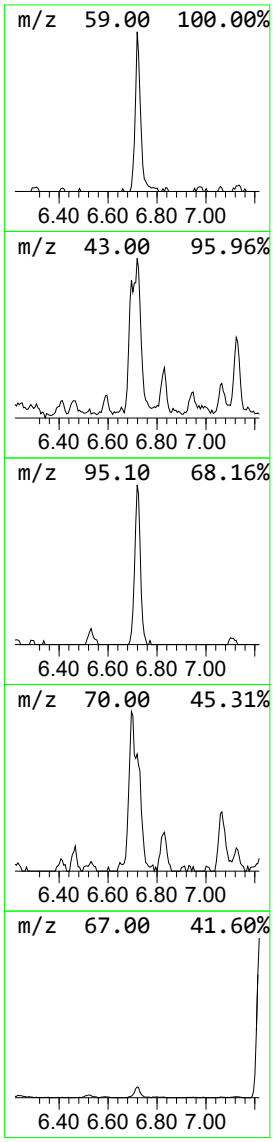
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.719	5.89 ng/ul	171084	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	35
2	2-Nonen-4-yn-1-ol, (Z)-	138	C9H14O	134225-90-4	30
3	2-(2-methoxyethoxy)propanoic aci...	190	C8H14O5	1000506-61-7	27
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	18
5	Butanamide	87	C4H9NO	000541-35-5	14





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Sample : 03553-18
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Instrument :
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ClientSampleId :
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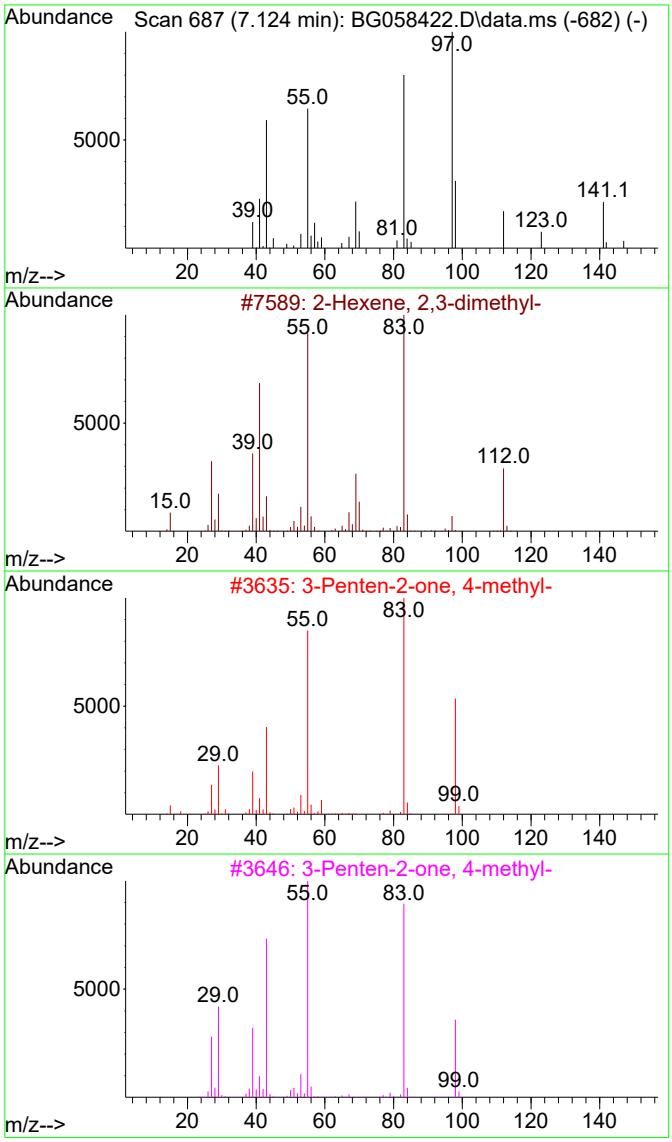
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

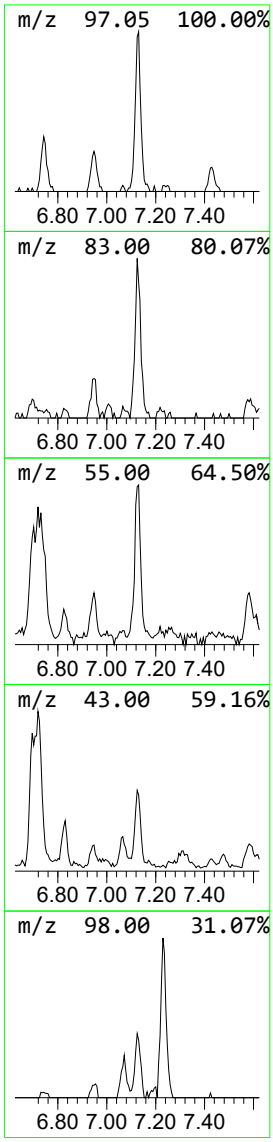
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.124	2.41 ng/ul	70057	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	41
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	38
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	38
4	2-(2-Thienyl)acetamide	141	C6H7NOS	004461-29-4	38
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	35





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Operator : CG/JU
Sample : 03553-18
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-BG071723.MA.M
Quant Title : SVOA CALIBRATION

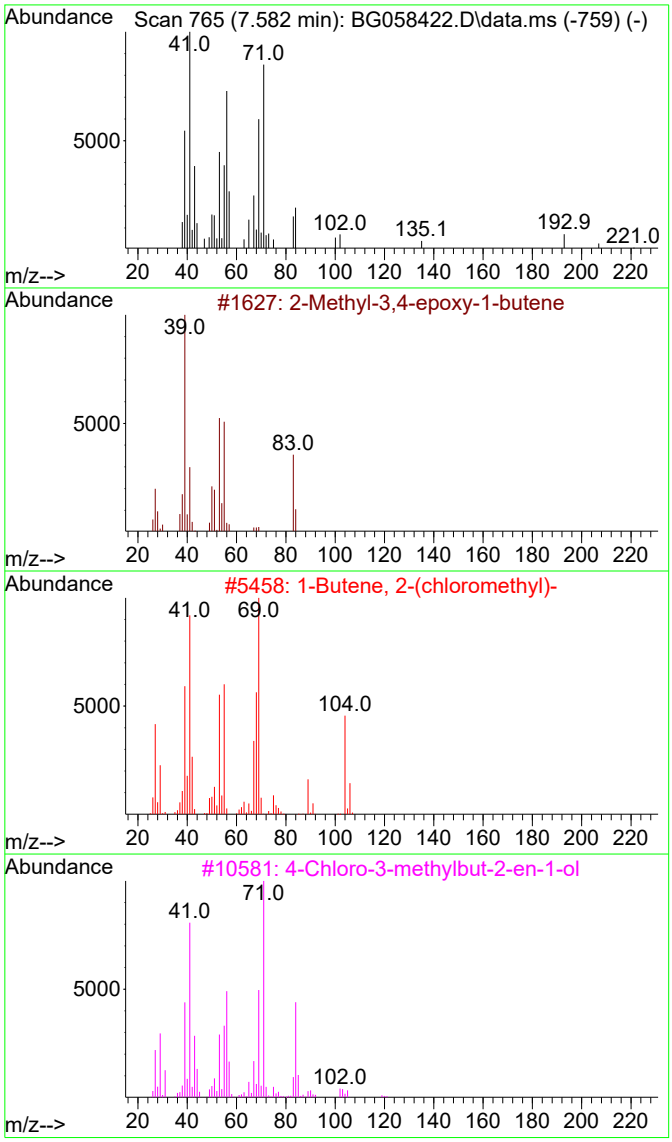
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

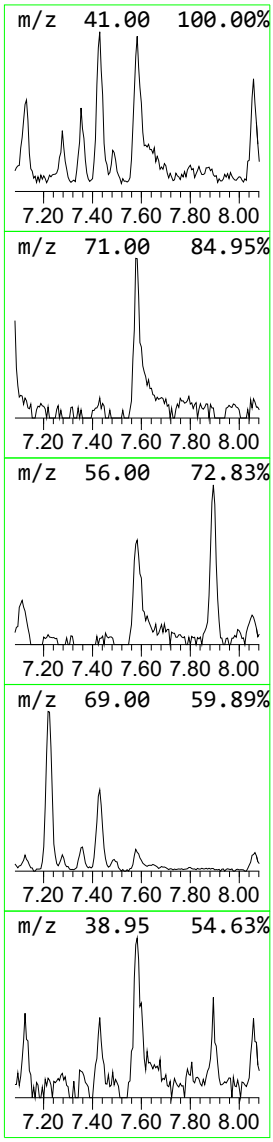
****

Peak Number 11 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.582	2.30 ng/ul	66837	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3,4-epoxy-1-butene	84	C5H8O	1000432-31-7	47
2	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	47
3	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	42
4	2-Methyl-2-vinyloxirane	84	C5H8O	001838-94-4	37
5	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	35





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Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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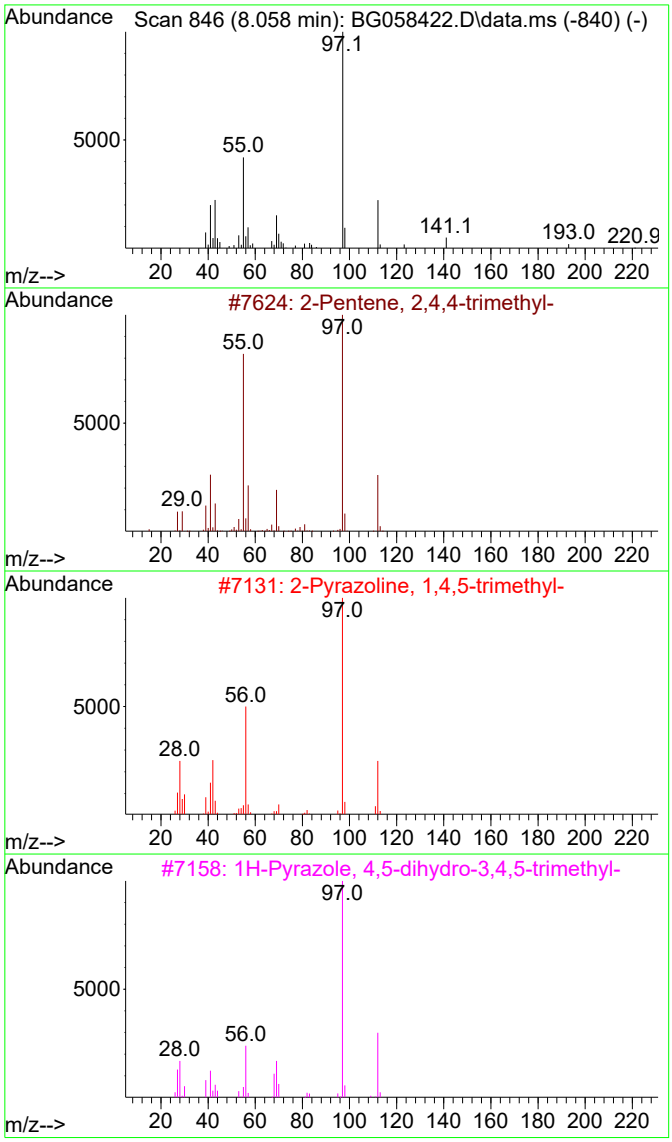
Quant Title : SVOA CALIBRATION

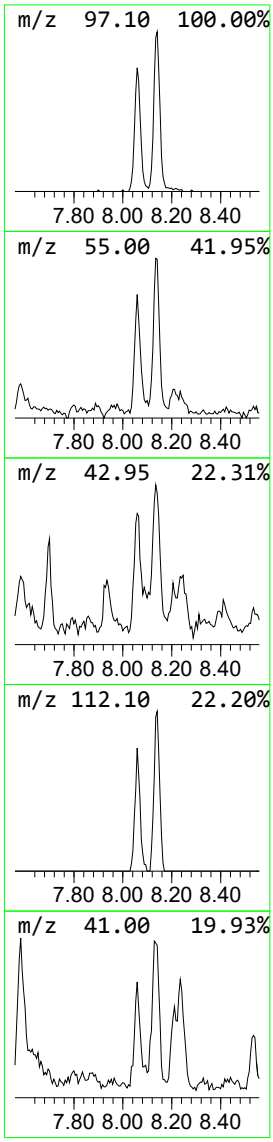
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.058	2.52 ng/ul	73183	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	72
2	2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	64
3	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	64
4	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	64
5	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	59





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Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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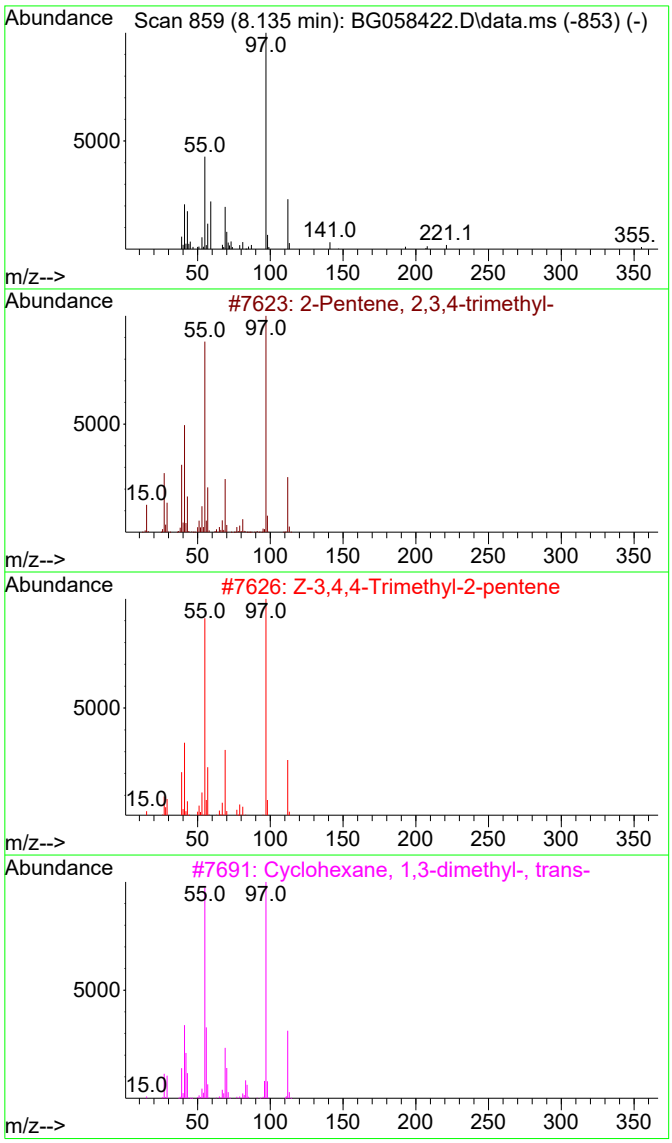
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

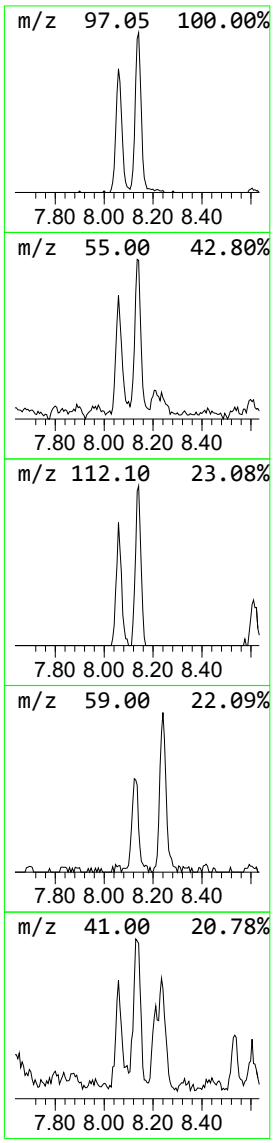
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.135	3.55 ng/ul	103149	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
2	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	64
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	53
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53





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Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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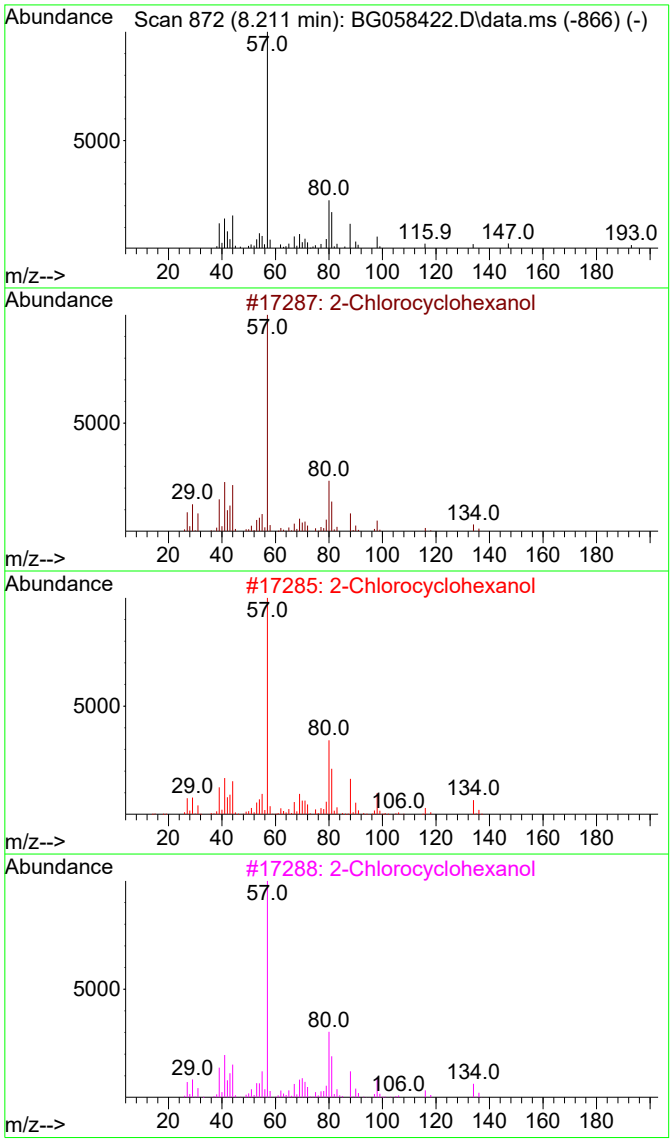
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

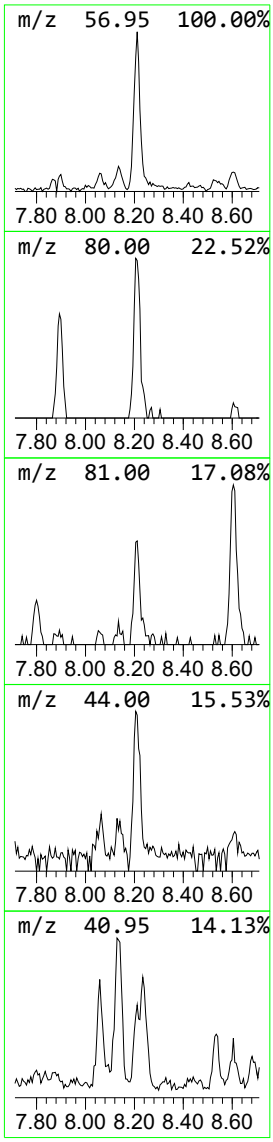
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Chlorocyclohexanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.211	2.56 ng/ul	74355	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	90
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50





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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :
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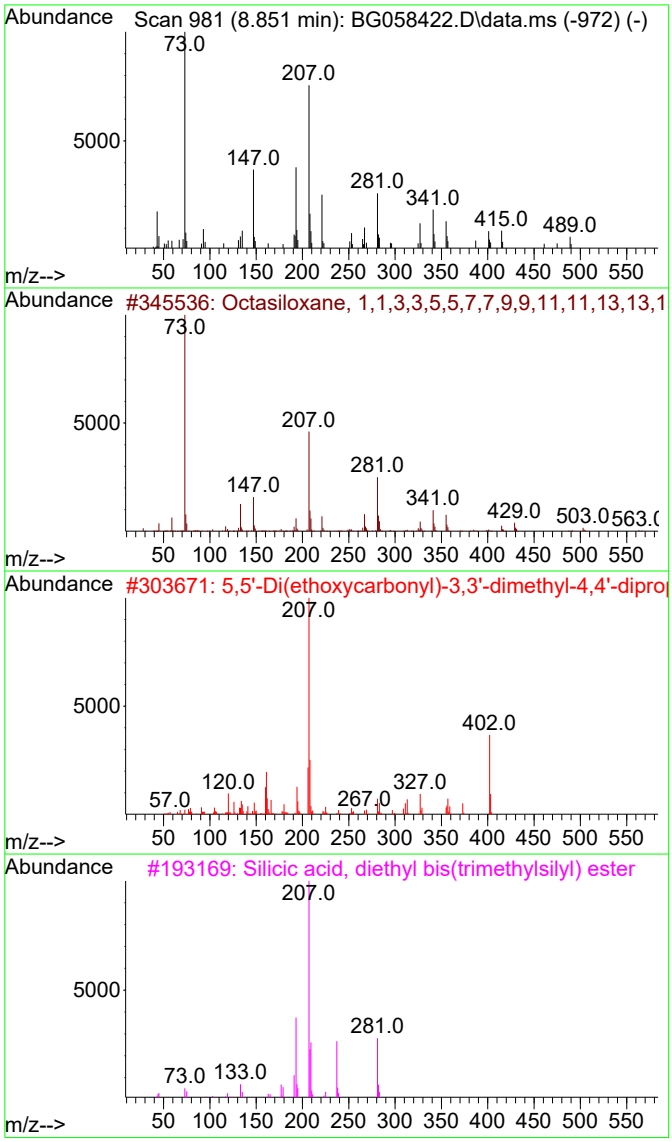
Quant Title : SVOA CALIBRATION

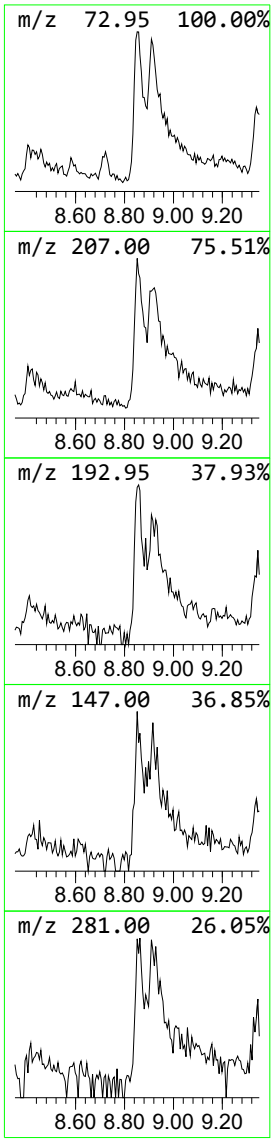
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Octasiloxane, 1,1,3,3,5,5,7... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	3.13 ng/ul	90794	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	58
2	5,5'-Di(ethoxycarbonyl)-3,3'-dim...	402	C23H34N2O4	102586-97-0	47
3	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	40
4	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	38
5	Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1010129-52-1	38





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ClientSampleId :
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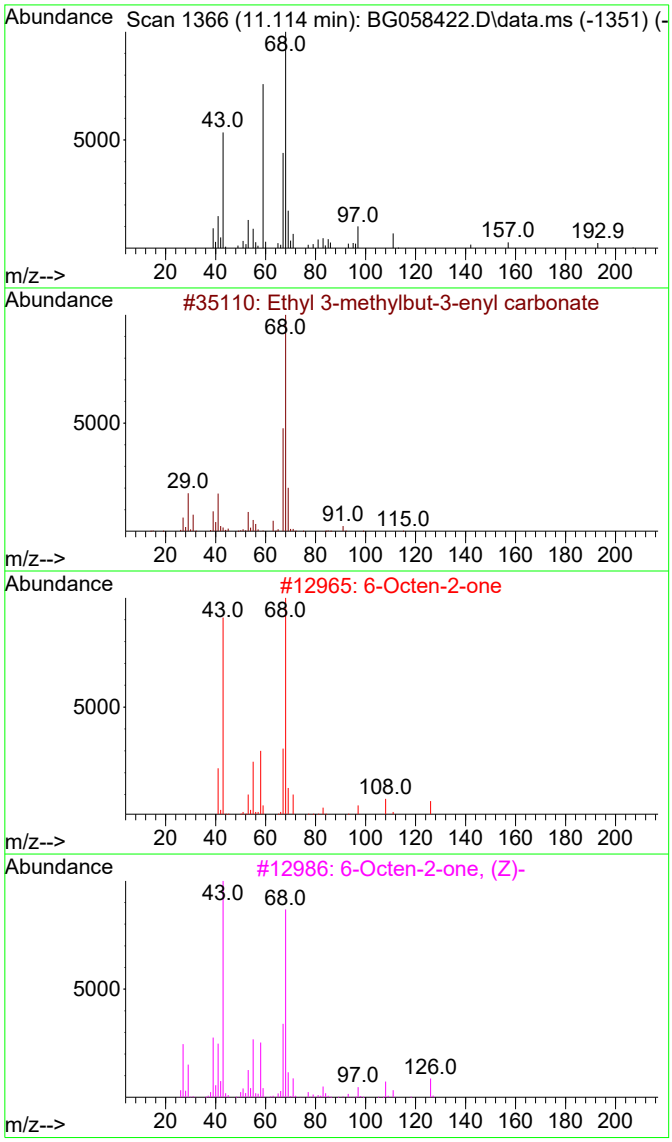
Quant Title : SVOA CALIBRATION

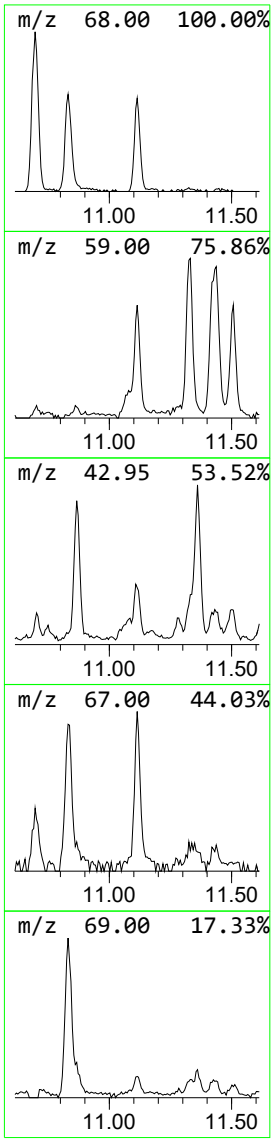
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.114	2.27 ng/ul	104083	Naphthalene-d8	10.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 3-methylbut-3-enyl carbonate	158	C8H14O3	1000373-78-0	43
2	6-Octen-2-one	126	C8H14O	035194-31-1	38
3	6-Octen-2-one, (Z)-	126	C8H14O	074810-53-0	33
4	3-Methyl-3-buten-1-ol, acetate	128	C7H12O2	005205-07-2	25
5	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058422.D
Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

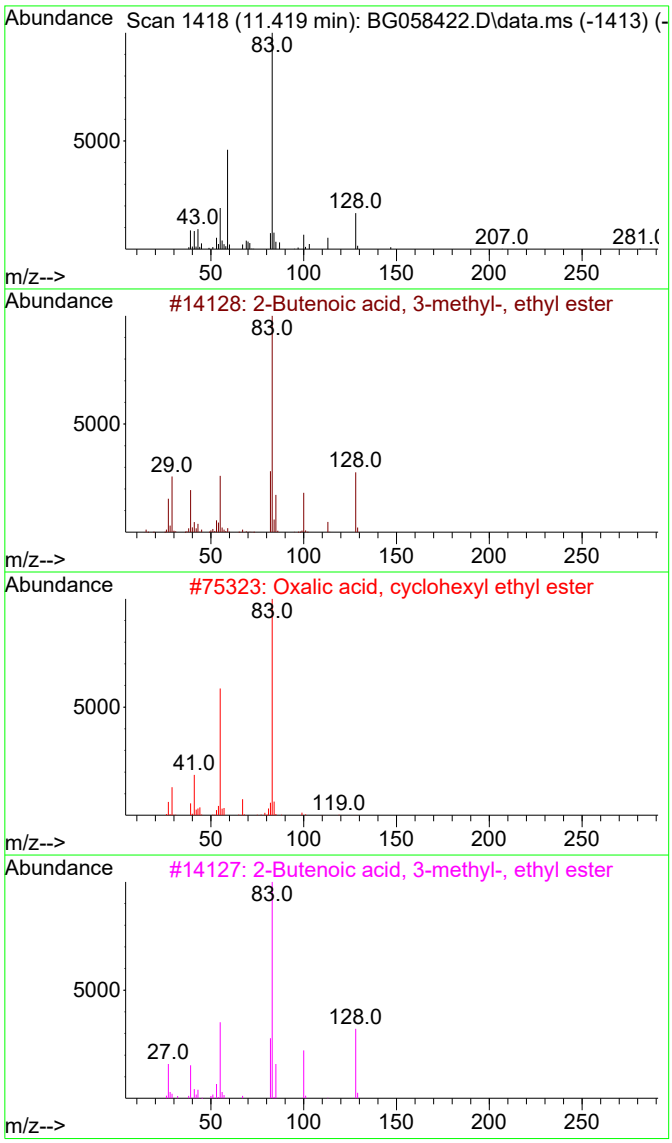
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

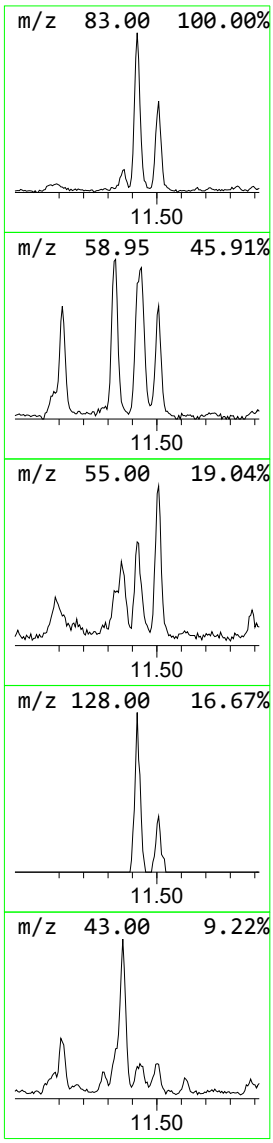
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Butenoic acid, 3-methyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.419	2.74 ng/ul	125141	Naphthalene-d8	10.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	50
2	Oxalic acid, cyclohexyl ethyl ester	200	C10H16O4	1000309-30-2	43
3	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	43
4	3-Aminopyrazole	83	C3H5N3	001820-80-0	43
5	2-Butynoic acid, 4-[(tetrahydro-...	198	C10H14O4	069511-49-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058422.D
Acq On : 23 Jul 2023 5:56
Operator : CG/JU
Sample : 03553-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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	3.146	159.2	ng/ul	4622510	1	7.894	580600	20.0
3-Methyl-3-chlo...	4.069	8.1	ng/ul	235122	1	7.894	580600	20.0
2-Butenal, 3-me...	4.233	3.4	ng/ul	98040	1	7.894	580600	20.0
unknown-01	4.451	3.0	ng/ul	86955	1	7.894	580600	20.0
2-Pentanol, 3-m...	4.639	8.4	ng/ul	244830	1	7.894	580600	20.0
unknown-02	5.831	3.2	ng/ul	94151	1	7.894	580600	20.0
2-Buten-1-ol, 3...	6.190	4.8	ng/ul	138854	1	7.894	580600	20.0
2-Cyclohexen-1-one	6.519	4.2	ng/ul	120354	1	7.894	580600	20.0
unknown-03	6.719	5.9	ng/ul	171084	1	7.894	580600	20.0
(DEL) Alkane: S...	7.124	2.4	ng/ul	70057	1	7.894	580600	20.0
unknown-04	7.582	2.3	ng/ul	66837	1	7.894	580600	20.0
(DEL) Alkane: S...	8.058	2.5	ng/ul	73183	1	7.894	580600	20.0
(DEL) Alkane: S...	8.135	3.5	ng/ul	103149	1	7.894	580600	20.0
2-Chlorocyclohe...	8.211	2.6	ng/ul	74355	1	7.894	580600	20.0
Octasiloxane, 1...	8.851	3.1	ng/ul	90794	1	7.894	580600	20.0
unknown-05	11.114	2.3	ng/ul	104083	2	10.696	915051	20.0
2-Butenoic acid...	11.419	2.7	ng/ul	125141	2	10.696	915051	20.0