LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4702

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: BG058424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.149	3	10	33	rVB2	1961097	5012731	100.00%	19.715%
2	3.749	106	112	123	rBV2	115483	233080	4.65%	0.917%
3	3.990	150	153	159	rVB6	8733	16058	0.32%	0.063%
4	4.066	160	166	174	rVV3	119503	215459	4.30%	0.847%
5	4.148	177	180	189	rVB7	8809	12326	0.25%	0.048%
6	4.236	189	195	203	rBV	52256	89242	1.78%	0.351%
7	4.330	208	211	218	rVB5	7894	12842	0.26%	0.051%
8	4.454	226	232	238	rBV	50556	84503	1.69%	0.332%
9	4.589	249	255	258	rBV	26431	49552	0.99%	0.195%
10	4.636	258	263	280	rVB	137798	249928	4.99%	0.983%
11	4.806	283	292	296	rBV2	13599	25783	0.51%	0.101%
12	4.853	296	300	303	rBV5	9790	13740	0.27%	0.054%
13	5.077	332	338	345	rBV7	9559	24302	0.48%	0.096%
14	5.353	380	385	392	rBV8	11283	20249	0.40%	0.080%
15	5.793	453	460	463	rBV3	31654	59575	1.19%	0.234%
16	5.834	463	467	473	rVB2	48267	80336	1.60%	0.316%
17	5.981	488	492	496	rVB4	6421	10157	0.20%	0.040%
18	6.187	520	527	532	rBV3	62584	125886	2.51%	0.495%
19	6.234	532	535	539	rVB2	16127	23877	0.48%	0.094%
20	6.516	578	583	591	rVV	64885	123788	2.47%	0.487%
21	6.722	608	618	624	rBV3	70075	178828	3.57%	0.703%
22	6.775	624	627	632	rVV6	18404	39174	0.78%	0.154%
23	6.822	632	635	641	rVB4	13881	22889	0.46%	0.090%
24	6.945	651	656	662	rBV5	9944	15119	0.30%	0.059%
25	7.004	662	666	670	rVB5	6149	10325	0.21%	0.041%
26	7.062	670	676	682	rBV	52300	100283	2.00%	0.394%
27	7.127	682	687	694	rVB2	38442	67450	1.35%	0.265%
28	7.221	694	703	711	rBV	208493	359951	7.18%	1.416%
29	7.427	730	738	752	rVB	186557	353391	7.05%	1.390%
30	7.579	757	764	772	rBV2	25417	61020	1.22%	0.240%
31	7.897	810	818	825	rBV	296437	510208	10.18%	2.007%
32	8.061	838	846	850	rBV	37950	65571	1.31%	0.258%
33	8.138	853	859	866	rVB2	53546	98636	1.97%	0.388%
34	8.208	866	871	874	rBV2	42055	72713	1.45%	0.286%
35	8.426	902	908	910	rBV6	6464	12983	0.26%	0.051%
36	8.531	921	926	931	rBV2	10213	17869	0.36%	0.070%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4702

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	8.602	931	938	947	rBV2	147589	277052	5.53%	1.090%
38	8.684	948	952	955	rVV4	5665	10338	0.21%	0.041%
39	8.854	967	981	986	rBV3	39240	115076	2.30%	0.453%
40	8.913	987	991	994	rVV6	32614	67479	1.35%	0.265%
41	8.954	996	998	1007	rVV2	28708	60256	1.20%	0.237%
42	9.054	1008	1015	1025	rVV	253737	487287	9.72%	1.917%
43	9.207	1035	1041	1043	rVV6	11333	24063	0.48%	0.095%
44	9.236	1043	1046	1053	rVV3	14069	24506	0.49%	0.096%
45	9.301	1053	1057	1060	rVV	12196	19426	0.39%	0.076%
46	9.342	1060	1064	1068	rVV6	14153	26180	0.52%	0.103%
47	9.395	1068	1073	1076	rVV3	13918	25884	0.52%	0.102%
48	9.436	1076	1080	1086	rVV4	23115	44928	0.90%	0.177%
49	9.495	1086	1090	1098	rVB8	13288	26512	0.53%	0.104%
50	9.624	1105	1112	1113	rBV5	7838	13740	0.27%	0.054%
51	9.777	1132	1138	1153	rVB2	137896	267404	5.33%	1.052%
52	10.047	1179	1184	1189	rVV6	10795	24298	0.48%	0.096%
53	10.088	1189	1191	1196	rVV5	7037	12004	0.24%	0.047%
54	10.135	1196	1199	1204	rVV6	8854	16615	0.33%	0.065%
55	10.323	1220	1231	1248	rBV	205269	511939	10.21%	2.013%
56	10.453	1248	1253	1260	rVV7	11039	21966	0.44%	0.086%
57	10.547	1262	1269	1277	rVB	43666	74736	1.49%	0.294%
58	10.699	1286	1295	1302	rBV	434229	800097	15.96%	3.147%
59	10.834	1310	1318	1331	rBV2	228950	513540	10.24%	2.020%
60	11.075	1350	1359	1360	rBV7	13934	26227	0.52%	0.103%
61	11.111	1361	1365	1374	rVB	34321	63764	1.27%	0.251%
62	11.281	1389	1394	1397	rBV2	8580	13719	0.27%	0.054%
63	11.328	1397	1402	1404	rVV	35890	59380	1.18%	0.234%
64	11.363	1404	1408	1413	rVV	41770	77083	1.54%	0.303%
65	11.422	1413	1418	1427	rVV3	55673	130926	2.61%	0.515%
66	11.504	1427	1432	1439	rVB2	44847	79244	1.58%	0.312%
67	11.616	1445	1451	1454	rBV4	5931	10815	0.22%	0.043%
68	11.886	1492	1497	1500	rBV4	11209	20098	0.40%	0.079%
69	12.133	1532	1539	1545	rBV8	7067	17460	0.35%	0.069%
70	12.333	1569	1573	1578	rVB4	10036	15957	0.32%	0.063%
71	12.421	1581	1588	1594	rBV4	15180	27945	0.56%	0.110%
72	12.562	1604	1612	1621	rVB6	5299	15278	0.30%	0.060%
73	12.744	1637	1643	1648	rBV3	18186	30298	0.60%	0.119%
74	12.903	1664	1670	1672	rBV4	14714	24734	0.49%	0.097%
75	12.932	1672	1675	1680	rVB3	18224	27639	0.55%	0.109%
76	13.420	1751	1758	1762	rVV5	7540	13643	0.27%	0.054%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

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

77	13.937	1839	1846	1853	rBV	559658	849312	16.94%	3.340%
78	14.230	1889	1896	1905	rVB	621837	1027618	20.50%	4.042%
79	14.536	1941	1948	1956	rBV	625151	1018480	20.32%	4.006%
80	14.777	1984	1989	1997	rBV3	16610	23663	0.47%	0.093%
81	15.523	2110	2116	2130	rBV	849276	1329228	26.52%	5.228%
82	15.887	2173	2178	2183	rVB2	10177	15605	0.31%	0.061%
83	16.357	2253	2258	2263	rVB4	6819	10902	0.22%	0.043%
84	17.280	2408	2415	2424	rBV	741324	1133019	22.60%	4.456%
85	17.380	2425	2432	2442	rVV	902384	1398678	27.90%	5.501%
86	18.232	2571	2577	2581	rBV	7160	10022	0.20%	0.039%
87	19.084	2717	2722	2727	rBV4	6181	10569	0.21%	0.042%
88	19.230	2743	2747	2752	rBV3	14376	19288	0.38%	0.076%
89	19.301	2755	2759	2765	rVV2	11784	19258	0.38%	0.076%
90	19.671	2815	2822	2829	rBV	1084220	1607805	32.07%	6.324%
91	20.188	2904	2910	2915	rBV6	6608	10833	0.22%	0.043%
92	20.576	2973	2976	2980	rVB	15162	17227	0.34%	0.068%
93	20.899	3027	3031	3039	rVB	107312	125469	2.50%	0.493%
94	21.258	3089	3092	3096	rBV	9890	12458	0.25%	0.049%
95	21.410	3114	3118	3123	rVB	47295	60554	1.21%	0.238%
96	21.534	3132	3139	3148	rBV	675325	1135536	22.65%	4.466%
97	21.663	3157	3161	3165	rBV3	23001	38161	0.76%	0.150%
98	22.292	3265	3268	3274	rVB5	11577	19410	0.39%	0.076%
99	24.454	3626	3636	3651	rBV2	599035	1646955	32.86%	6.478%
100	24.671	3662	3673	3686	rBV	446876	1296056	25.86%	5.097%

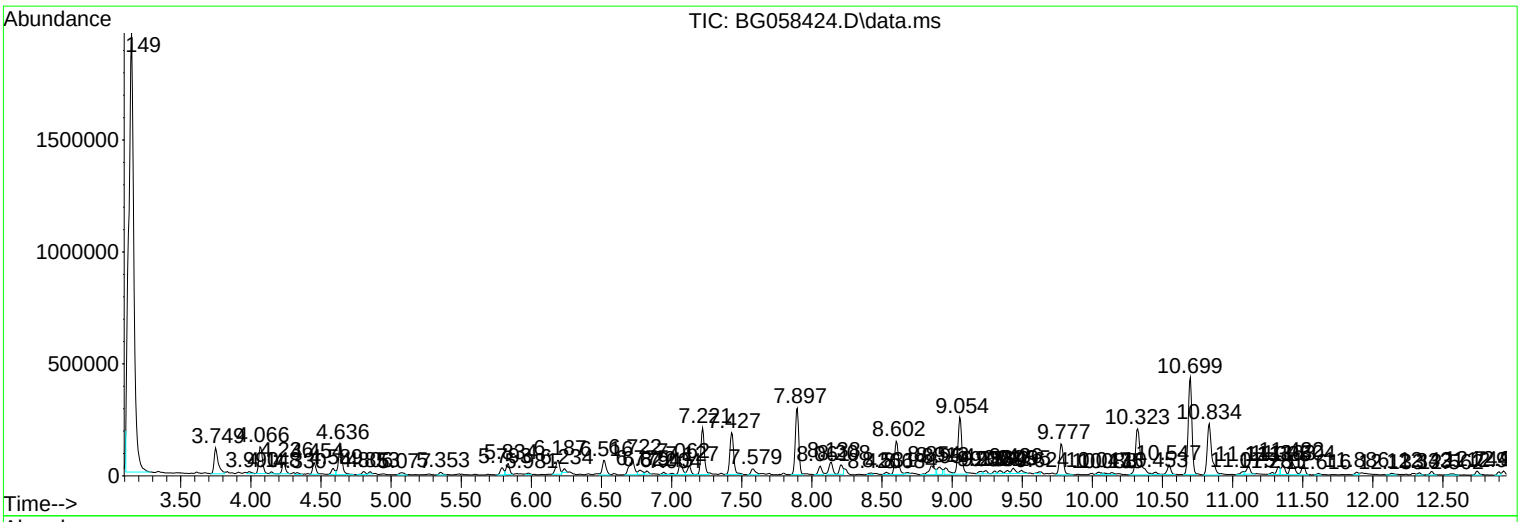
Sum of corrected areas: 25425466

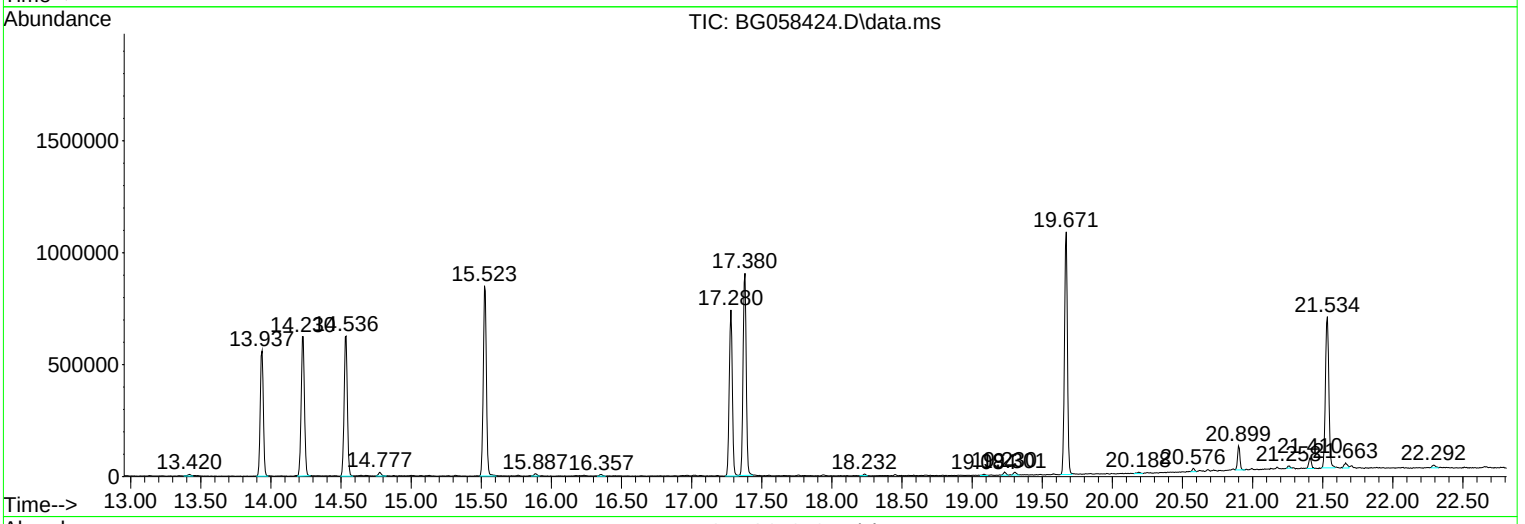
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

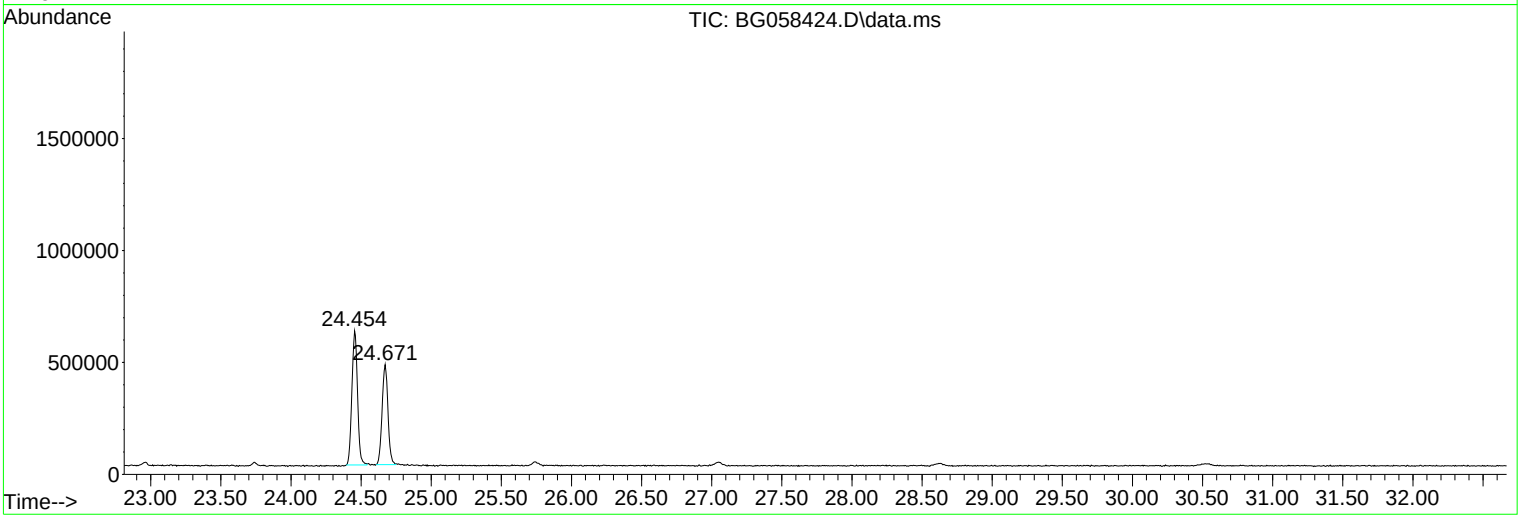
Instrument :
BNA_G
ClientSampleId :
A4702

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 : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

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

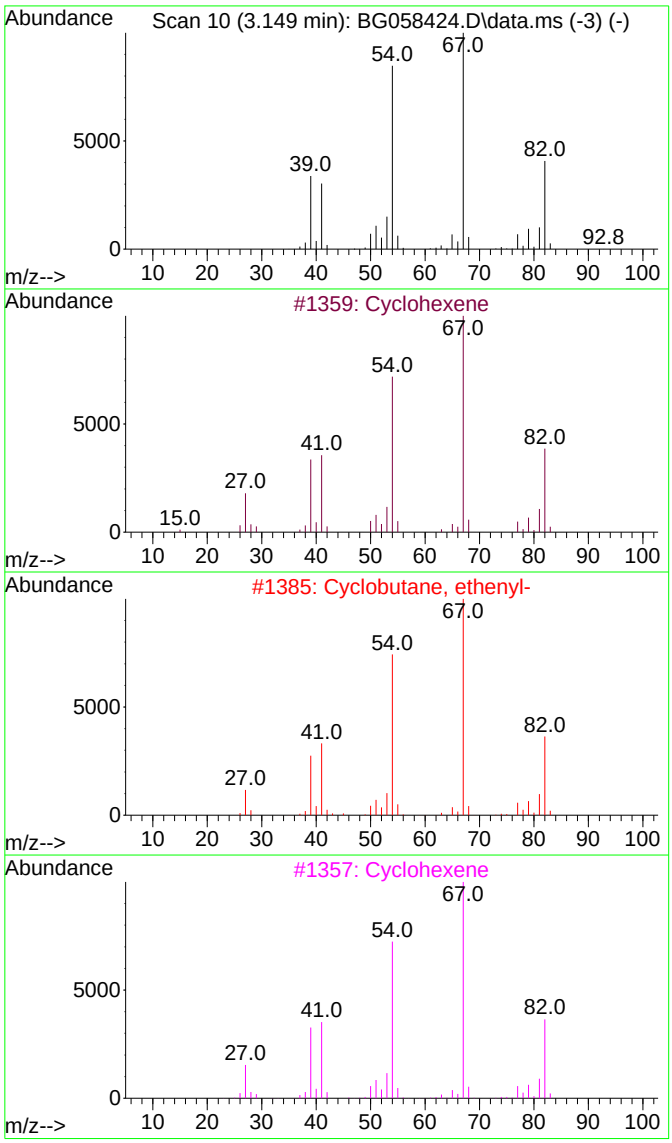
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

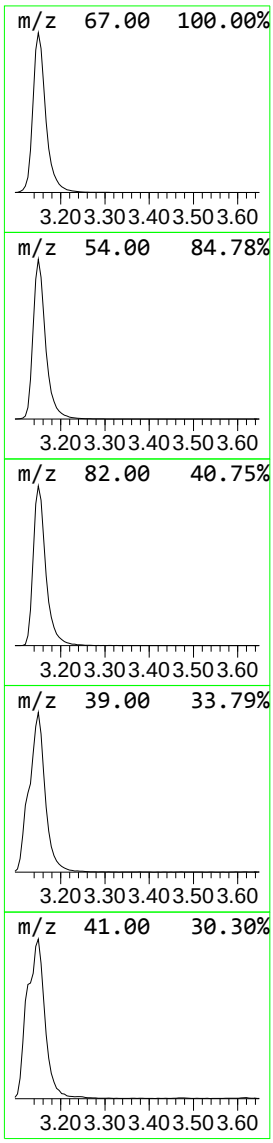
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	196.50 ng/ul	5012730	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	94
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Cyclohexene	82	C6H10	000110-83-8	91
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

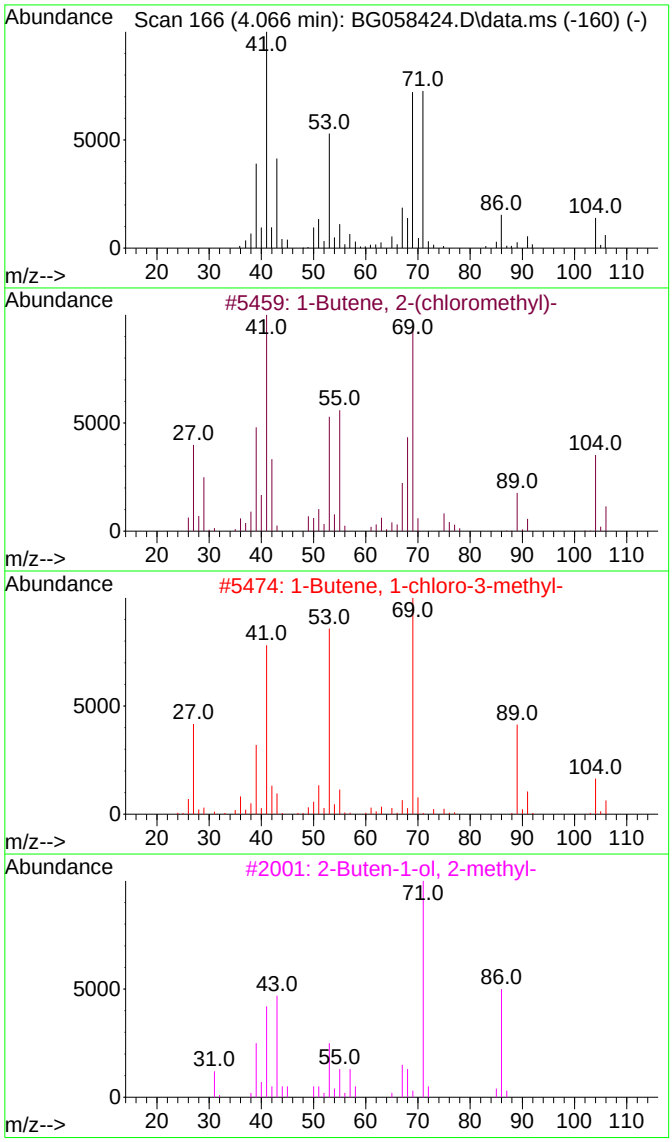
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

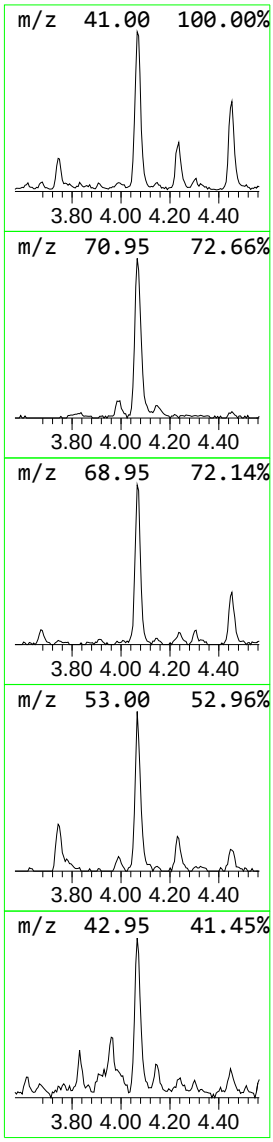
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Butene, 2-(chloromethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.066	8.45 ng/ul	215459	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	50
2	1-Butene, 1-chloro-3-methyl-	104	C5H9Cl	023010-00-6	49
3	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	47
4	1-Butene, 1-chloro-3-methyl-	104	C5H9Cl	023010-00-6	47
5	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

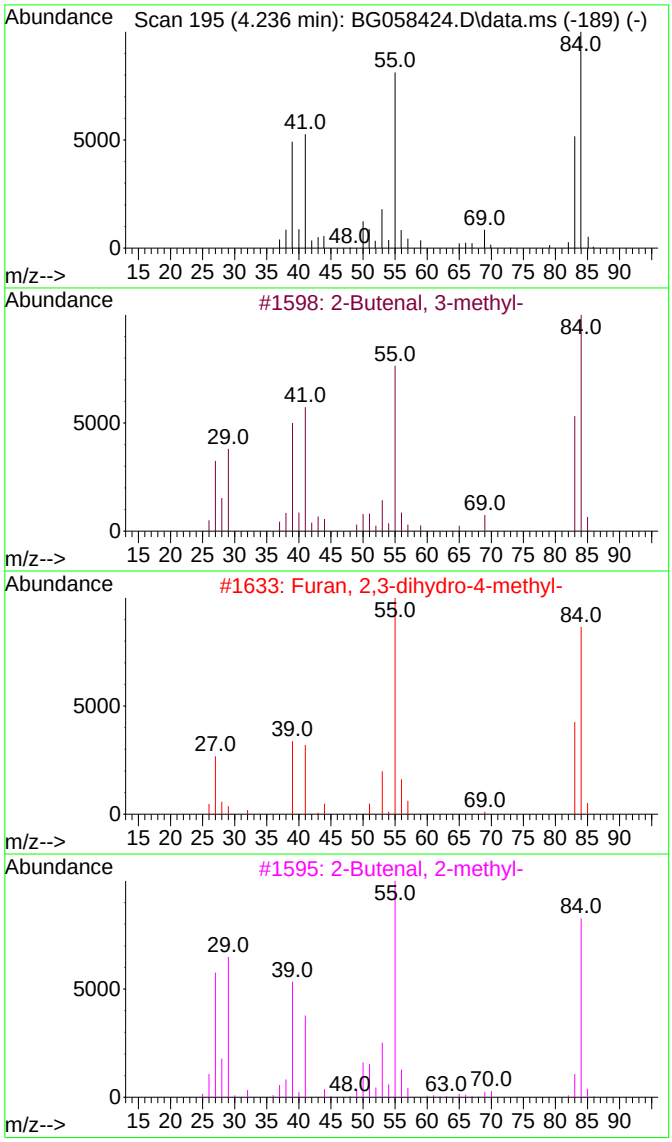
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

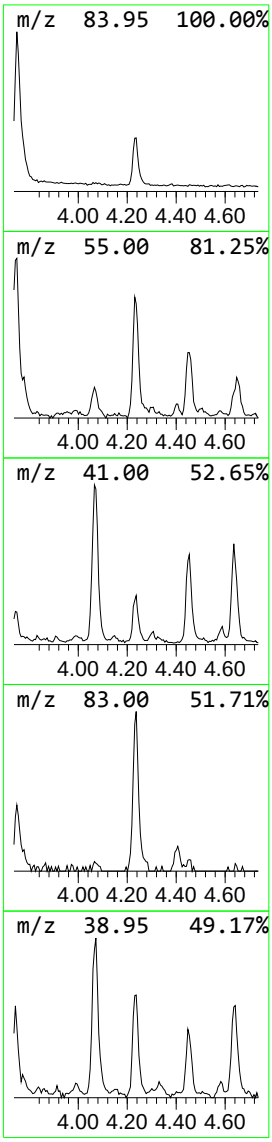
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butenal, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.236	3.50 ng/ul	89242	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	91
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	53
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	50
4	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	50
5	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

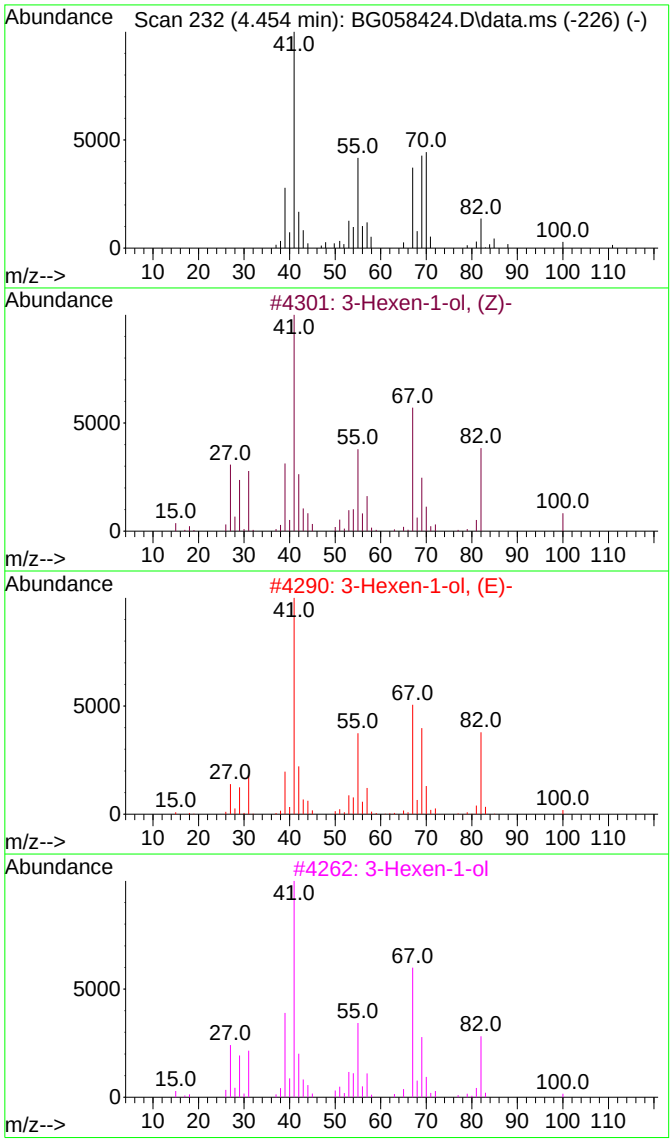
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

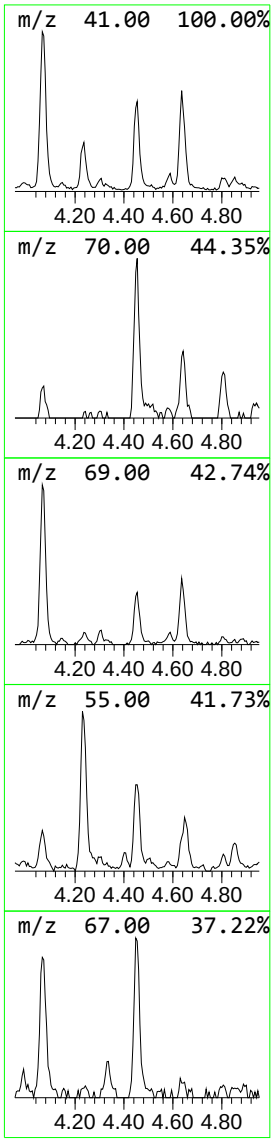
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.454	3.31 ng/ul	84503	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	38
2	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	38
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	35
4	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	32
5	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

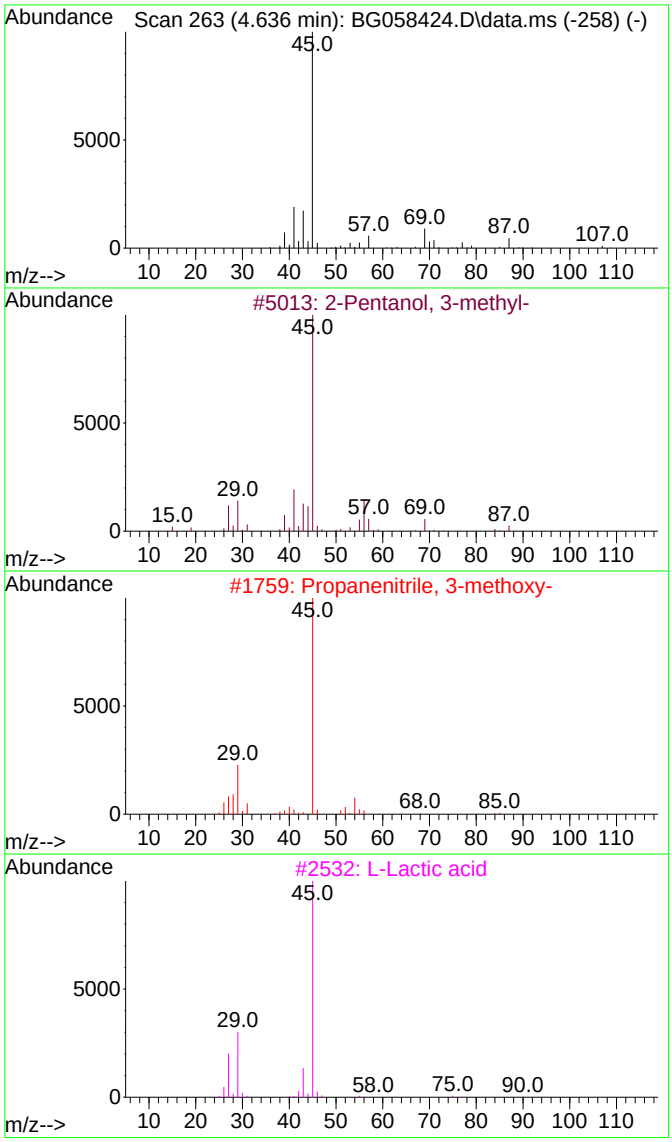
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

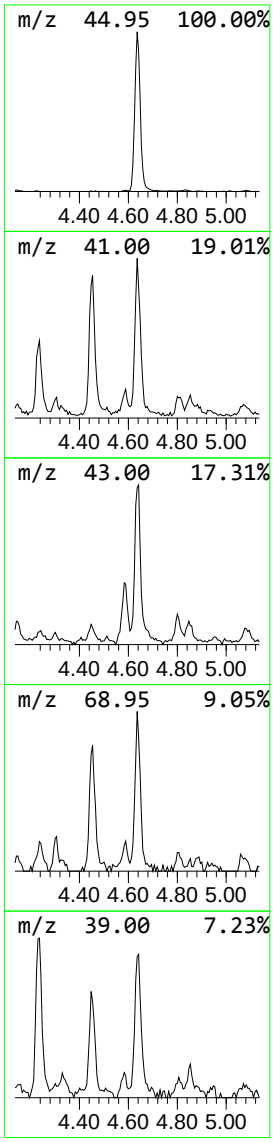
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.636	9.80 ng/ul	249928	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	72
2	Propanenitrile, 3-methoxy-	85	C4H7NO	000110-67-8	42
3	L-Lactic acid	90	C3H6O3	000079-33-4	42
4	2-Hexanol	102	C6H14O	000626-93-7	40
5	2-Hexanol	102	C6H14O	000626-93-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

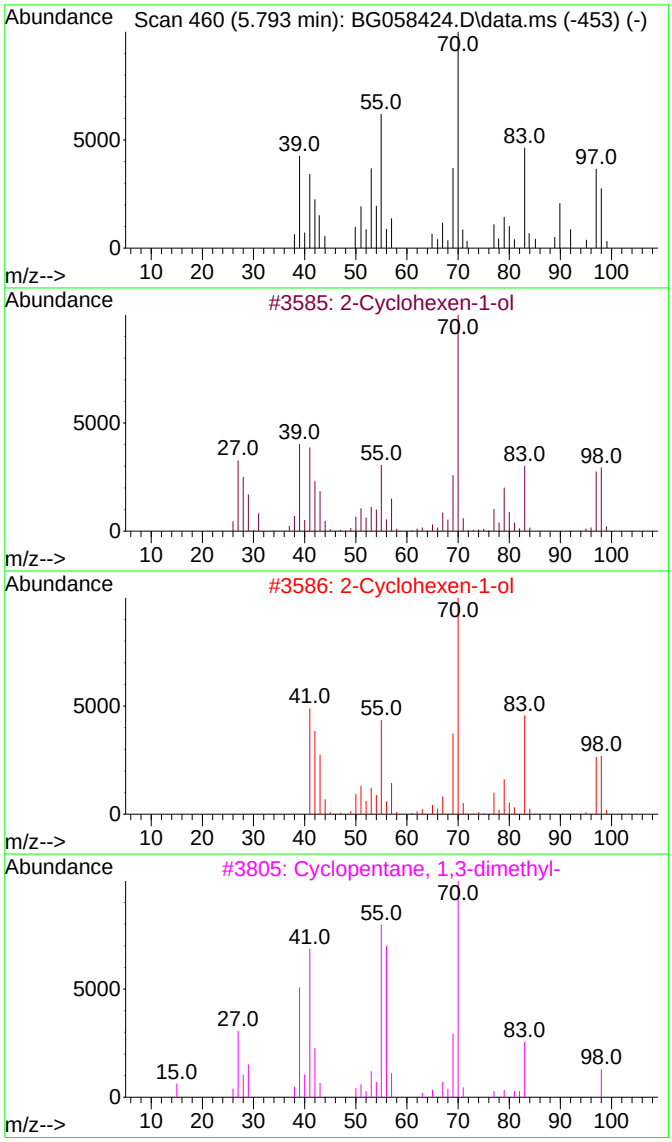
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

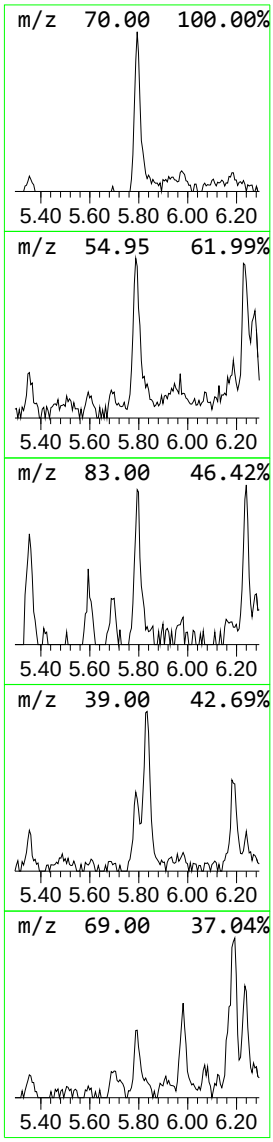
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Cyclohexen-1-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.793	2.34 ng/ul	59575	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	64
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	58
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	47
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	43
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

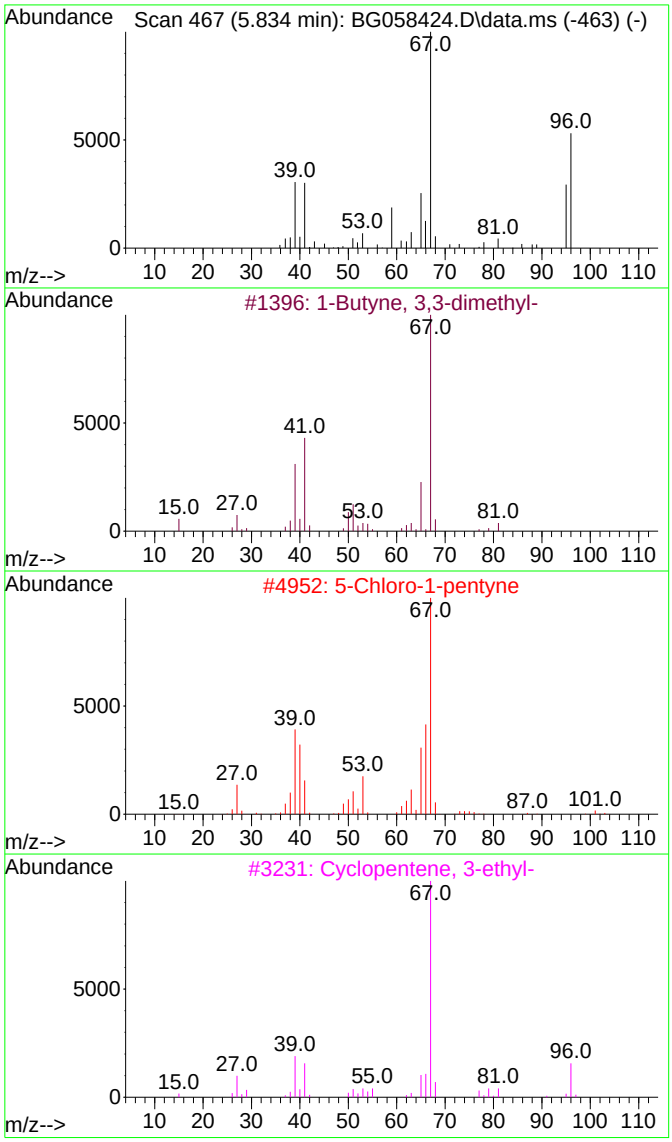
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

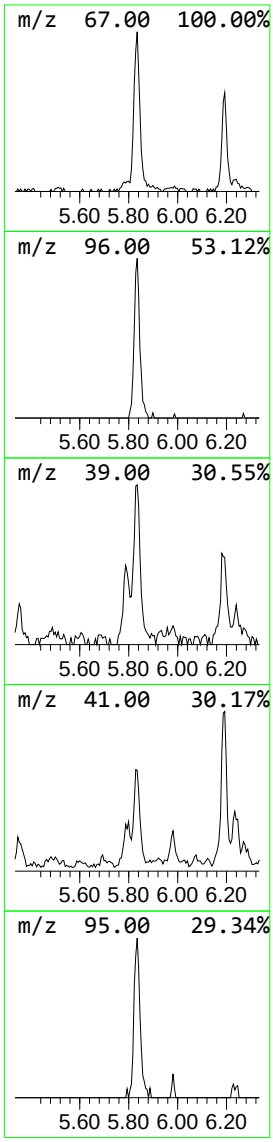
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	3.15 ng/ul	80336	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	32
2	5-Chloro-1-pentyne	102	C5H7Cl	014267-92-6	25
3	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	25
4	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	17
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

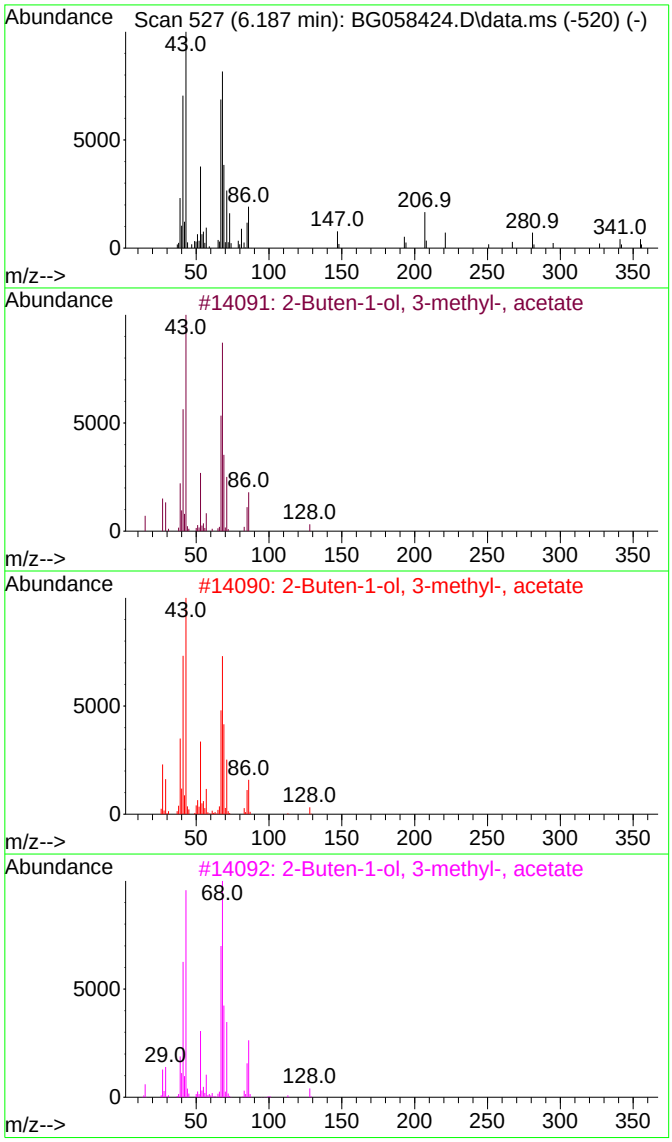
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

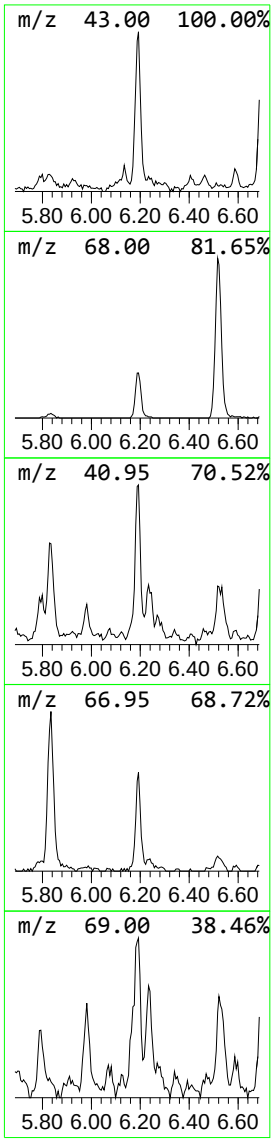
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.187	4.93 ng/ul	125886	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	64
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	64
3	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	59
4	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	59
5	Bicyclo[3.1.0]hexan-3-one	96	C6H8O	001755-04-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

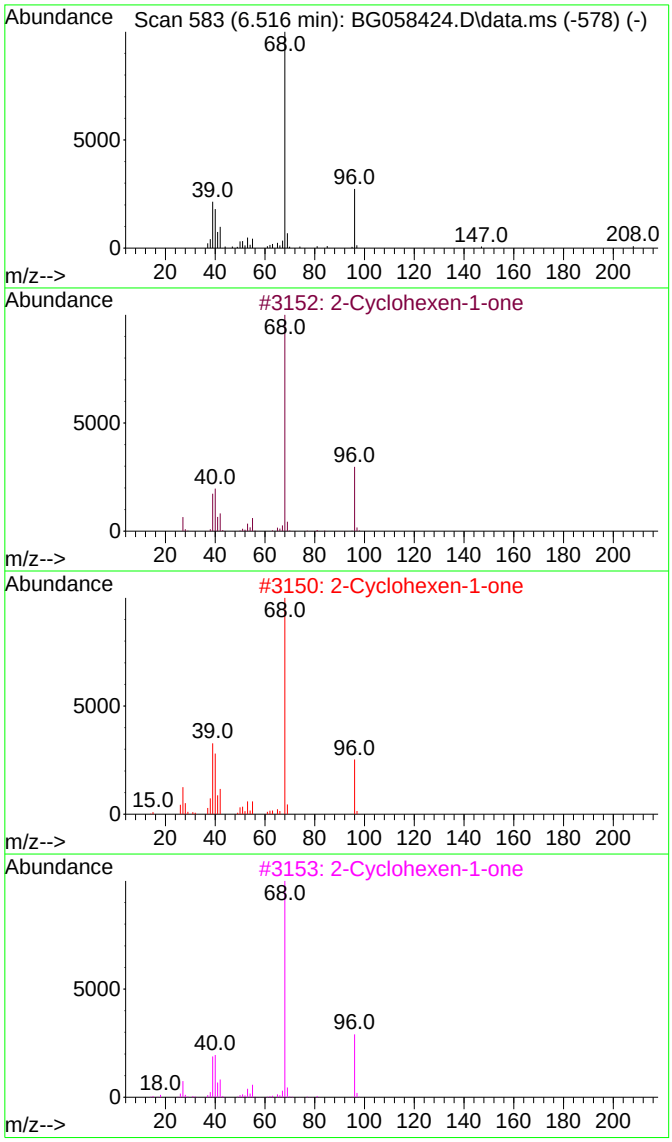
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

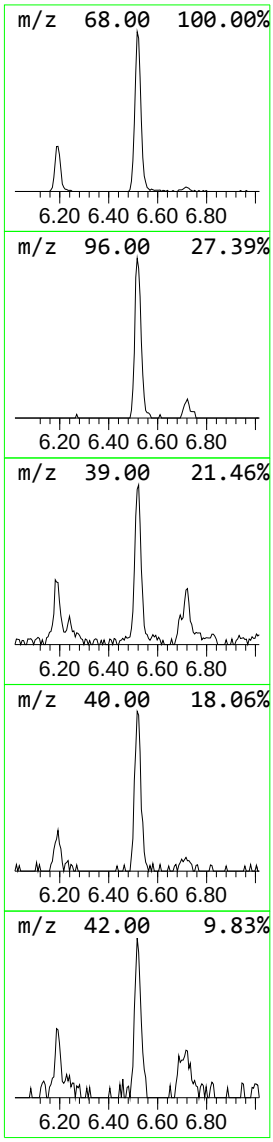
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Cyclohexen-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.516	4.85 ng/ul	123788	1,4-Dichlorobenzene-d4	7.891

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	83
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	52
5	1-Pentyn-3-amine, 3-methyl-	97	C6H11N	018369-96-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

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

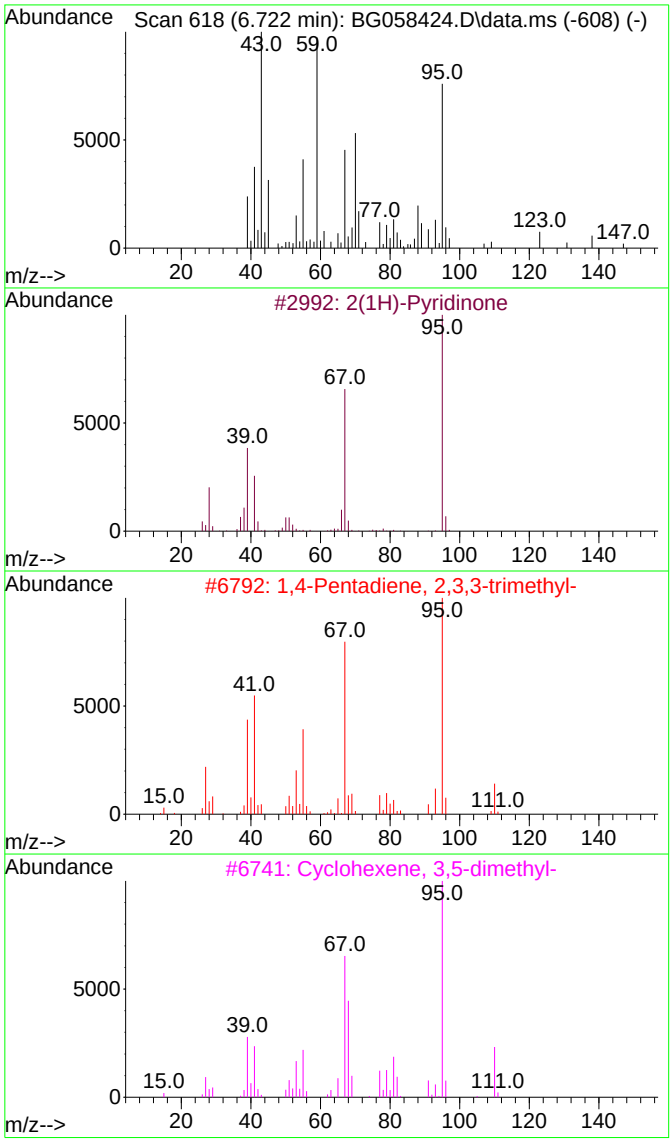
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

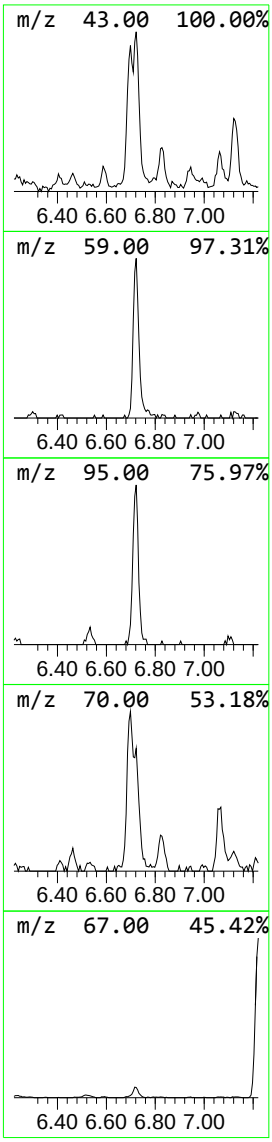
****

Peak Number 10 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	7.01 ng/ul	178828	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	27
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	27
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	27
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	27
5	4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

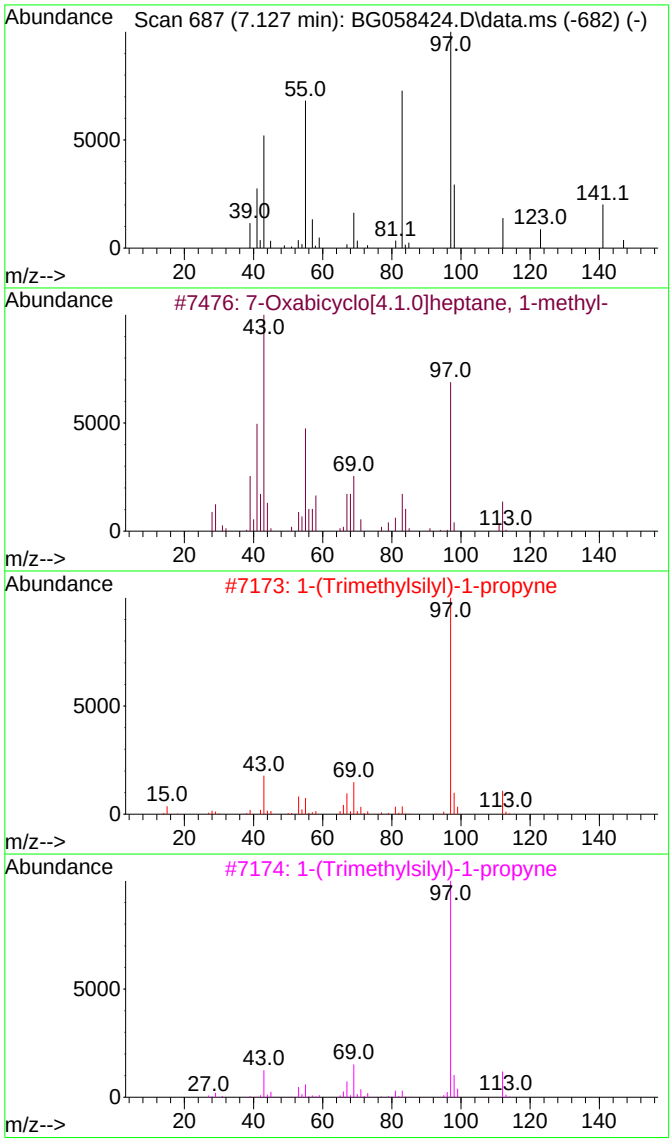
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

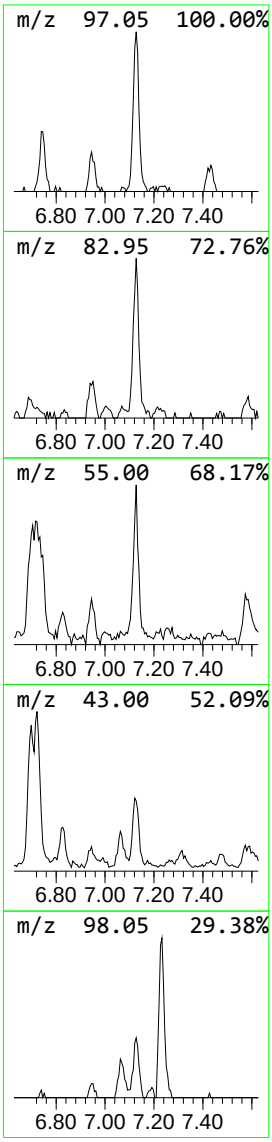
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.127	2.64 ng/ul	67450	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	49
2	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	43
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	32
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	25
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

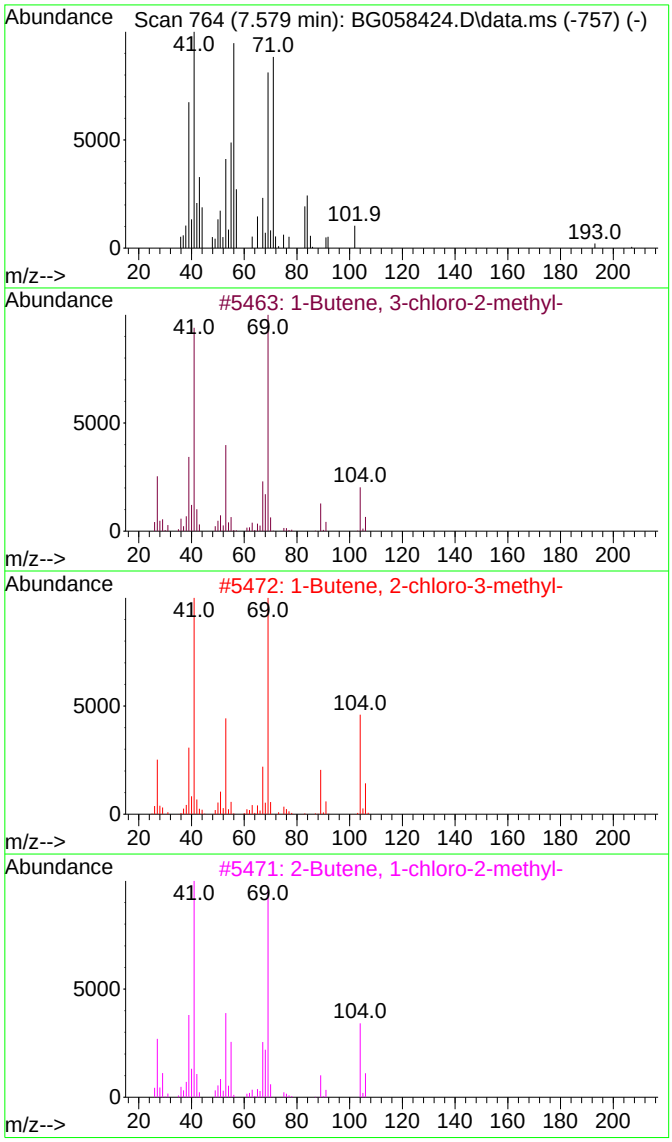
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

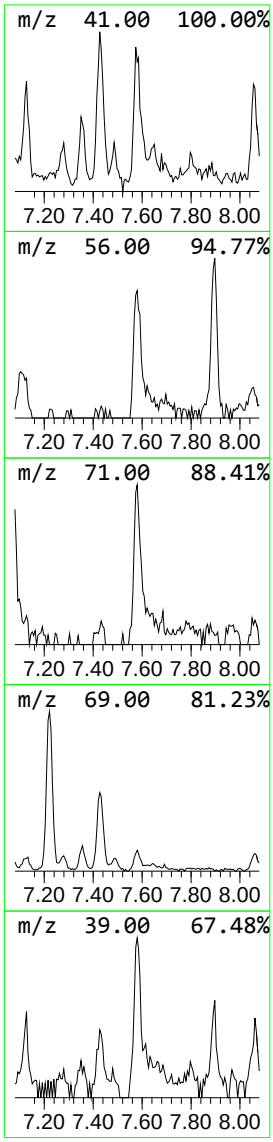
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.579	2.39 ng/ul	61020	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	43
2	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	43
3	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	43
4	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	40
5	2-Methyl-3,4-epoxy-1-butene	84	C5H8O	1000432-31-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

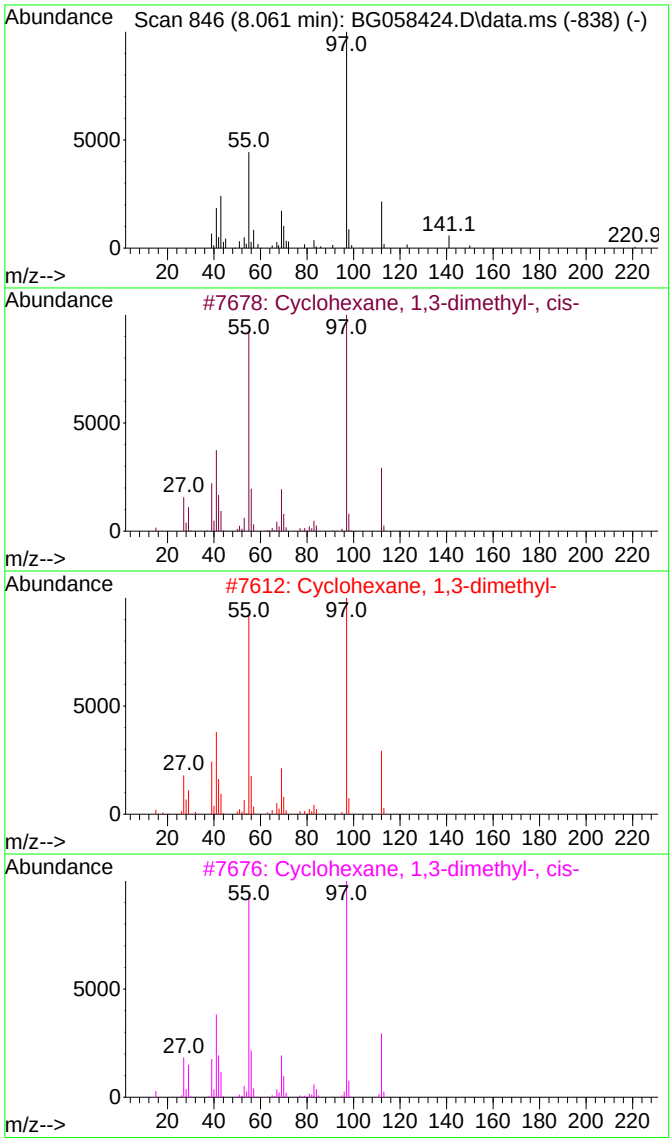
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

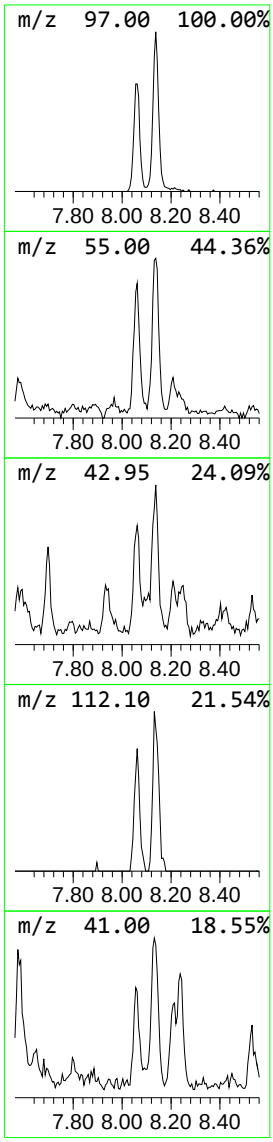
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic8.061 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.061	2.57 ng/ul	65571	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	78
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	72
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

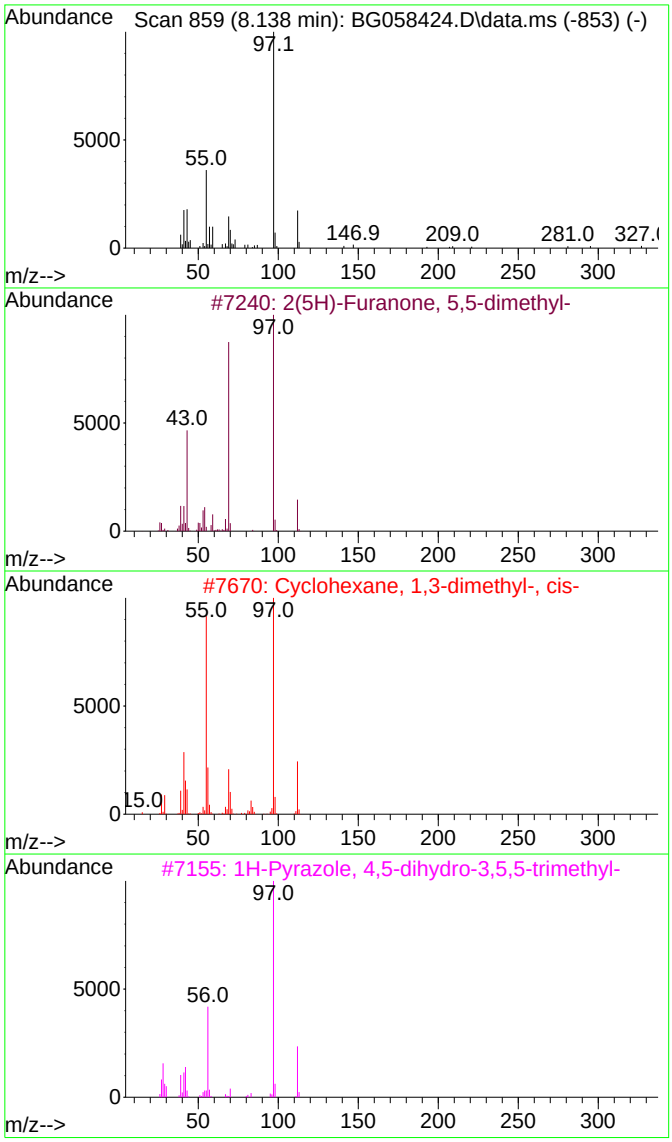
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

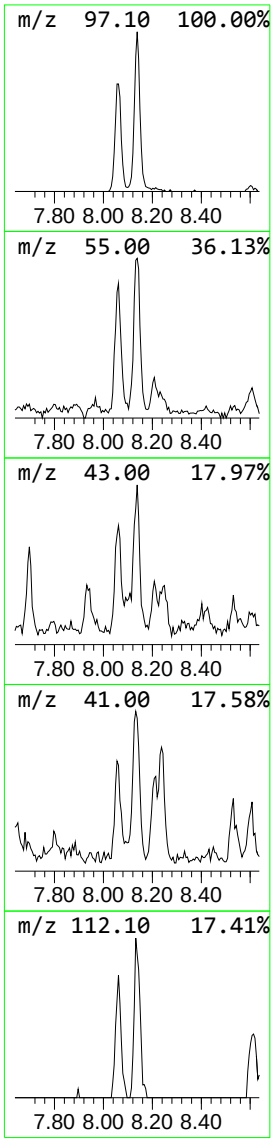
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2(5H)-Furanone, 5,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.138	3.87 ng/ul	98636	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	59
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	53
4	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	45
5	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

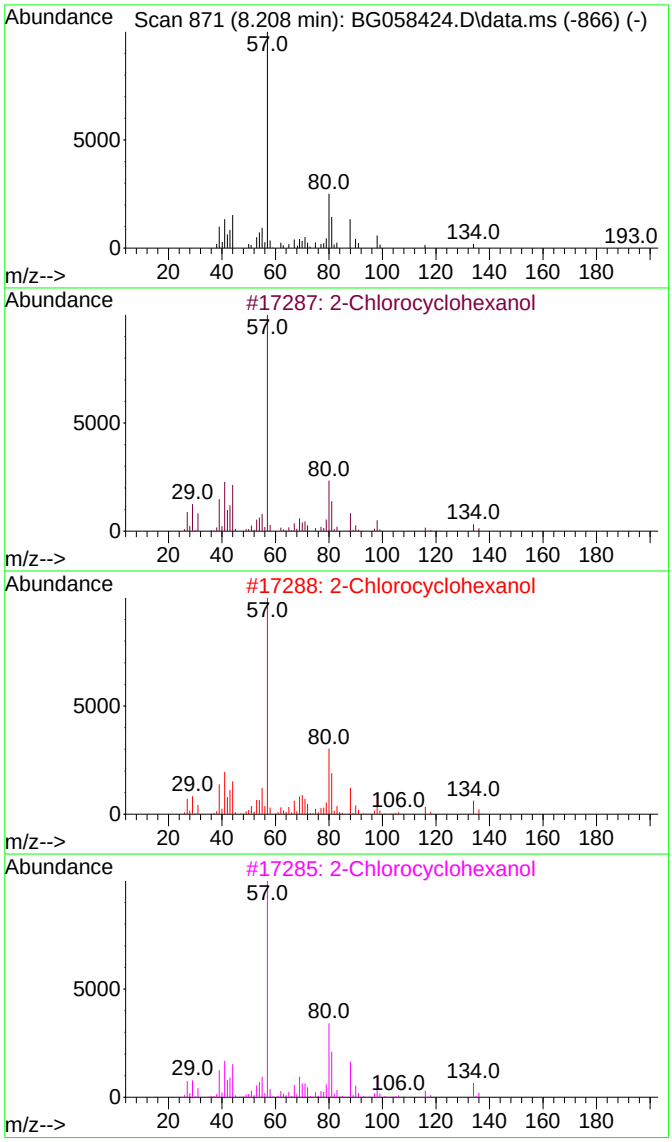
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

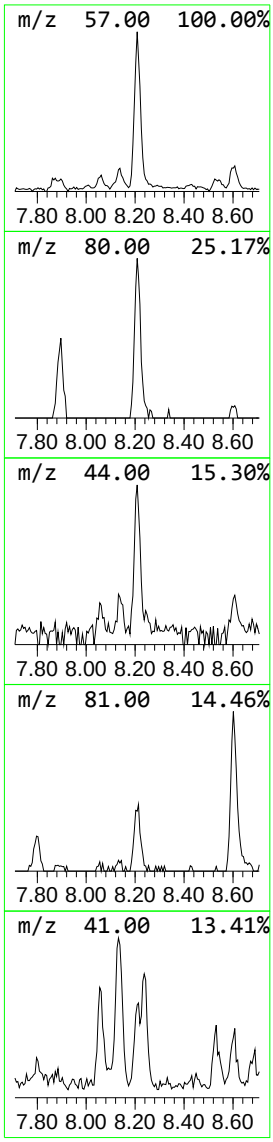
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Chlorocyclohexanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.208	2.85 ng/ul	72713	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	90
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	83
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

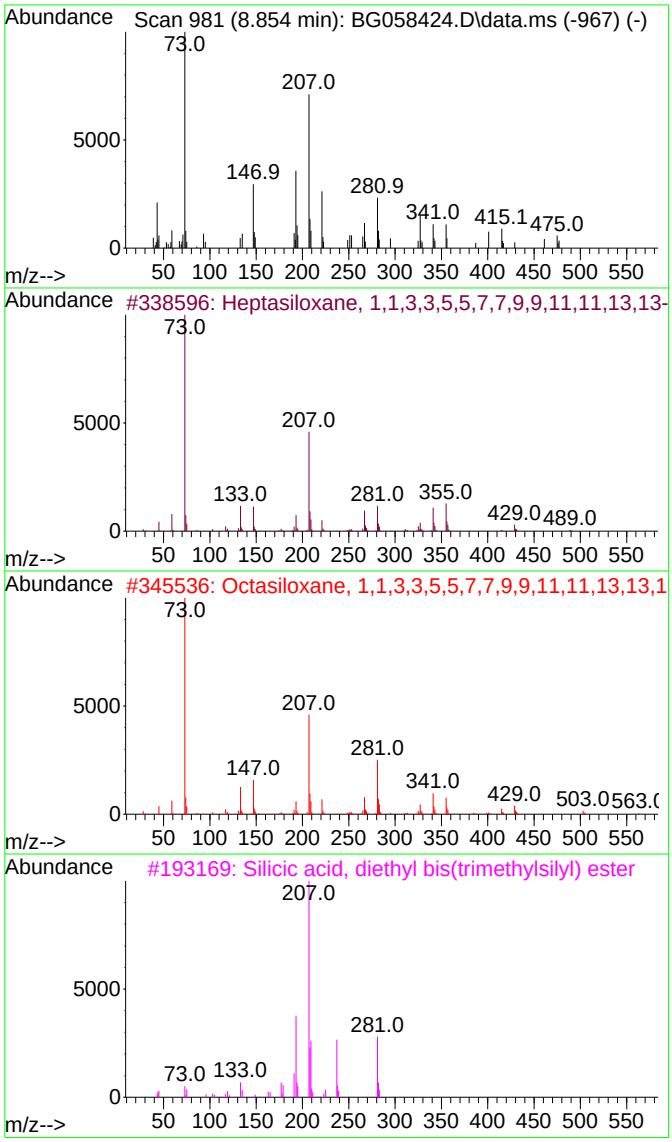
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

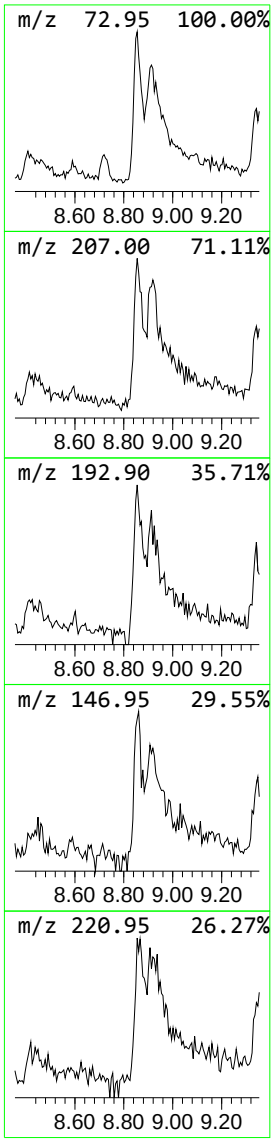
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.854	4.51 ng/ul	115076	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	49
2	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	43
3	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	38
4	9H-Fluorene-4-carboxylic acid, 9...	327	C22H17NO2	1000304-78-2	27
5	9H-Fluorene-4-carboxylic acid, 9...	327	C22H17NO2	1000482-91-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

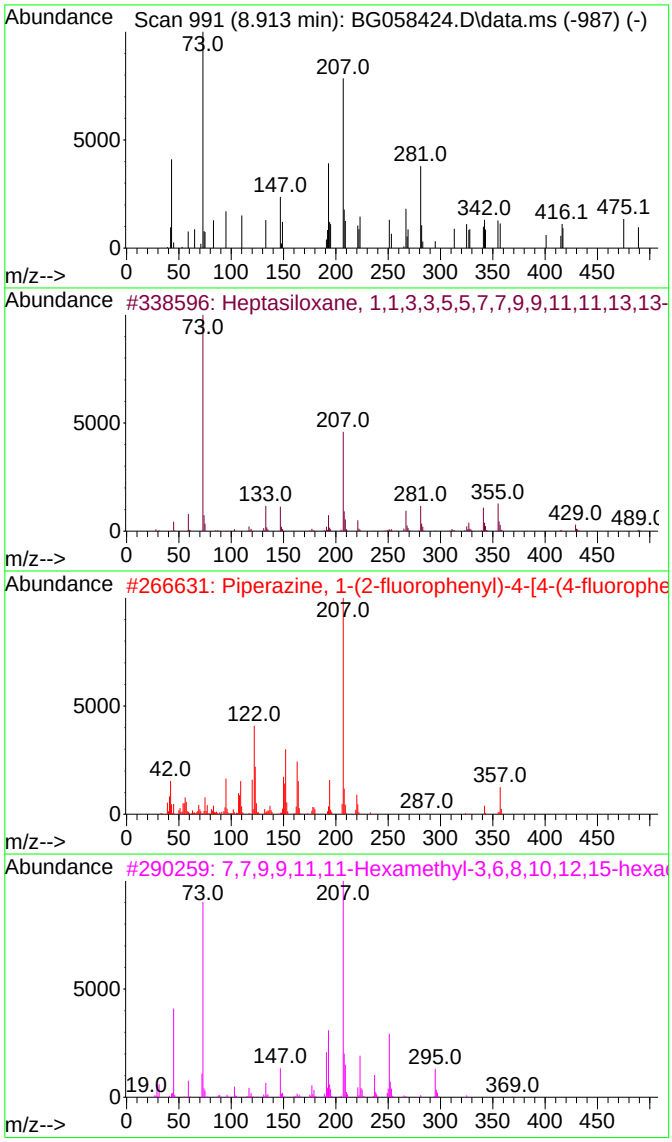
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

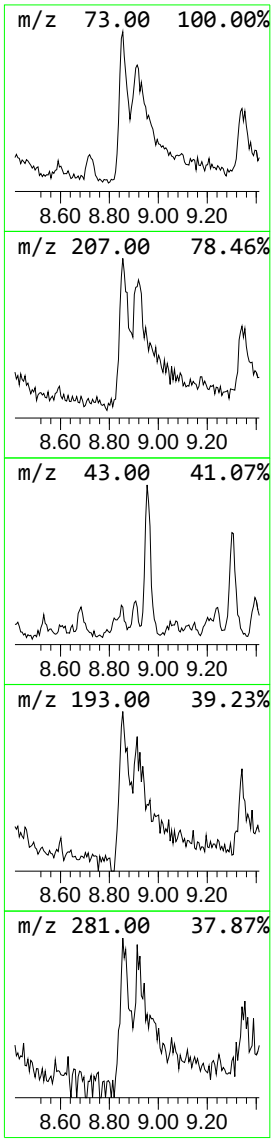
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.913	2.65 ng/ul	67479	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	43
2	Piperazine, 1-(2-fluorophenyl)-4...	357	C19H17F2N3S	1000309-95-6	35
3	7,7,9,9,11,11-Hexamethyl-3,6,8,1...	384	C14H36O6Si3	1000375-89-1	32
4	5-Ethyl 11a-methyl (5S,11aS)-6,1...	340	C19H20N2O4	1000484-03-0	32
5	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

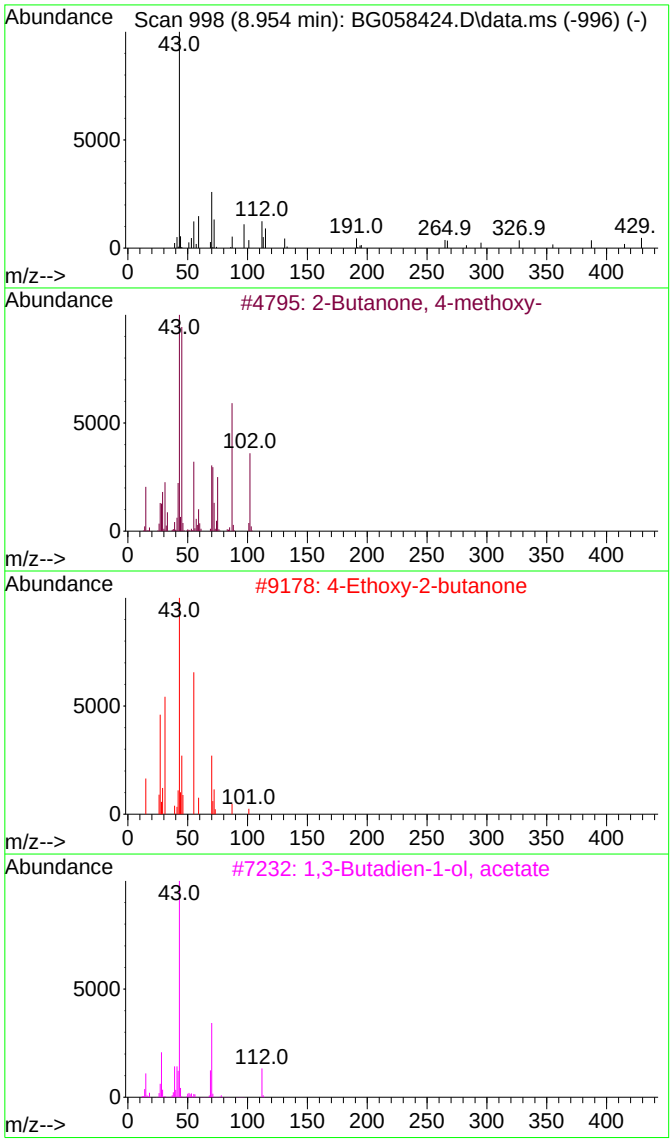
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

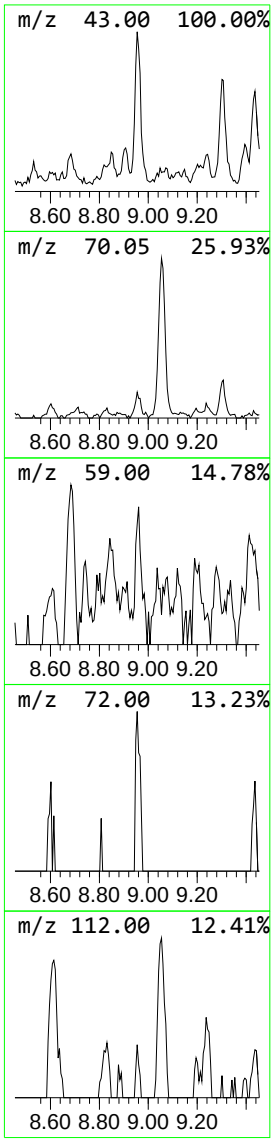
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.954	2.36 ng/ul	60256	1,4-Dichlorobenzene-d4	7.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-methoxy-	102	C5H10O2	006975-85-5	17
2	4-Ethoxy-2-butanone	116	C6H12O2	060044-74-8	17
3	1,3-Butadien-1-ol, acetate	112	C6H8O2	001515-76-0	10
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	9
5	4-Hexen-2-one, 3-methyl-	112	C7H12O	072189-24-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

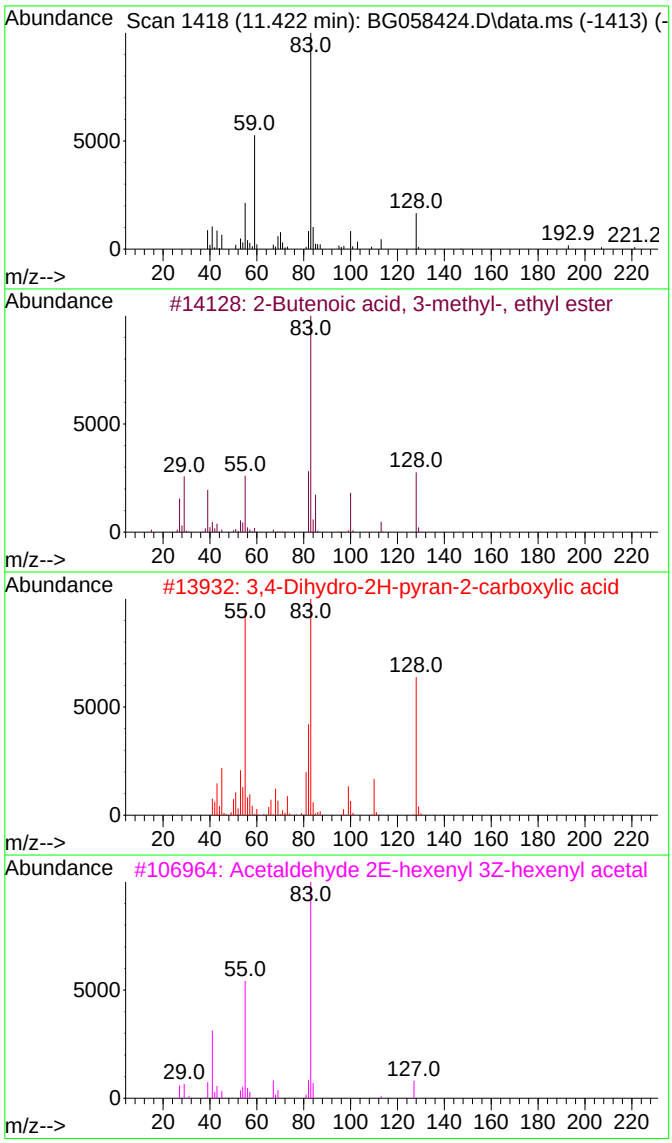
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

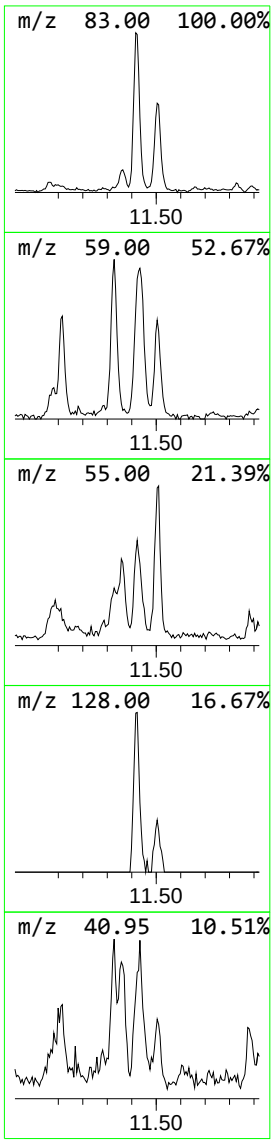
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Butenoic acid, 3-methyl-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	3.27 ng/ul	130926	Naphthalene-d8	10.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	50
2	3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1010132-10-4	50
3	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	43
4	(1,2-Dichlorotrifluoroethyl)cycl...	234	C8H11Cl2F3	219904-98-0	38
5	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

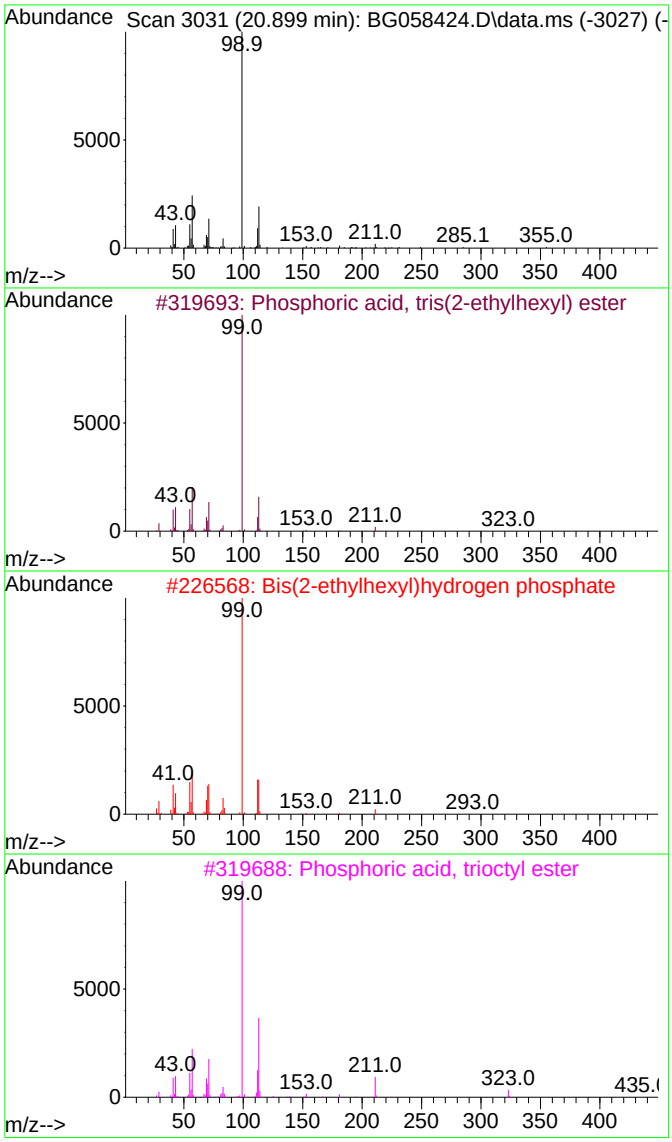
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

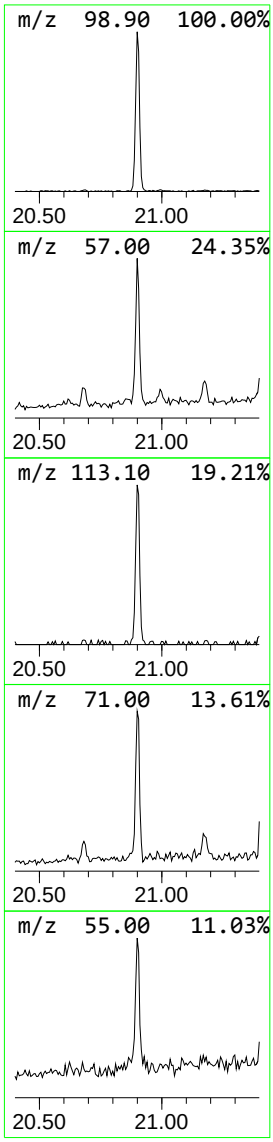
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phosphoric acid, tris(2-eth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.899	2.21 ng/ul	125469	Chrysene-d12	21.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	86
2	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	50
3	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	47
4	Triisobutyl phosphate	266	C12H27O4P	000126-71-6	42
5	Triisobutyl phosphate	266	C12H27O4P	000126-71-6	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058424.D
Acq On : 23 Jul 2023 7:19
Operator : CG/JU
Sample : 03553-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4702

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	3.149	196.5	ng/ul	5012730	1	7.891	510208	20.0
1-Butene, 2-(ch...	4.066	8.4	ng/ul	215459	1	7.891	510208	20.0
2-Butenal, 3-me...	4.236	3.5	ng/ul	89242	1	7.891	510208	20.0
unknown-01	4.454	3.3	ng/ul	84503	1	7.891	510208	20.0
2-Pentanol, 3-m...	4.636	9.8	ng/ul	249928	1	7.891	510208	20.0
2-Cyclohexen-1-ol	5.793	2.3	ng/ul	59575	1	7.891	510208	20.0
unknown-02	5.834	3.1	ng/ul	80336	1	7.891	510208	20.0
2-Buten-1-ol, 3...	6.187	4.9	ng/ul	125886	1	7.891	510208	20.0
2-Cyclohexen-1-one	6.516	4.8	ng/ul	123788	1	7.891	510208	20.0
unknown-03	6.722	7.0	ng/ul	178828	1	7.891	510208	20.0
unknown-04	7.127	2.6	ng/ul	67450	1	7.891	510208	20.0
unknown-05	7.579	2.4	ng/ul	61020	1	7.891	510208	20.0
(DEL) Alkane: C...	8.061	2.6	ng/ul	65571	1	7.891	510208	20.0
2(5H)-Furanone,...	8.138	3.9	ng/ul	98636	1	7.891	510208	20.0
2-Chlorocyclohe...	8.208	2.9	ng/ul	72713	1	7.891	510208	20.0
unknown-06	8.854	4.5	ng/ul	115076	1	7.891	510208	20.0
unknown-07	8.913	2.6	ng/ul	67479	1	7.891	510208	20.0
unknown-08	8.954	2.4	ng/ul	60256	1	7.891	510208	20.0
2-Butenoic acid...	11.422	3.3	ng/ul	130926	2	10.699	800097	20.0
Phosphoric acid...	20.899	2.2	ng/ul	125469	5	21.534	1135540	20.0