LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46Z3

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: BG058425.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.148	4	10	33	rVB	3998393	8272622	100.00%	29.381%
2	3.336	39	42	50	rVB4	7693	13037	0.16%	0.046%
3	3.753	108	113	131	rVB	78860	150272	1.82%	0.534%
4	3.982	148	152	157	rVB3	5438	8844	0.11%	0.031%
5	4.082	164	169	178	rVB	49869	83282	1.01%	0.296%
6	4.170	181	184	195	rBV6	5679	14128	0.17%	0.050%
7	4.329	205	211	221	rBV3	19443	33622	0.41%	0.119%
8	4.611	255	259	267	rVB4	11025	18115	0.22%	0.064%
9	5.351	378	385	397	rVB	125009	208530	2.52%	0.741%
10	5.792	451	460	463	rBV2	76379	140547	1.70%	0.499%
11	5.833	463	467	476	rVB	298423	491571	5.94%	1.746%
12	5.939	481	485	493	rVB5	5908	10435	0.13%	0.037%
13	6.174	519	525	531	rBV	36310	59749	0.72%	0.212%
14	6.520	576	584	594	rBV	219292	386437	4.67%	1.372%
15	7.061	671	676	685	rBV	49740	90973	1.10%	0.323%
16	7.219	695	703	717	rBV	232584	405114	4.90%	1.439%
17	7.431	731	739	752	rVB	206633	370095	4.47%	1.314%
18	7.895	811	818	827	rBV	274586	463370	5.60%	1.646%
19	7.971	827	831	835	rVV5	5448	9627	0.12%	0.034%
20	8.206	864	871	884	rBV	156884	288927	3.49%	1.026%
21	8.600	931	938	953	rBV	143579	274553	3.32%	0.975%
22	8.888	982	987	991	rBV3	6022	10000	0.12%	0.036%
23	9.058	1007	1016	1027	rBV	281286	520214	6.29%	1.848%
24	9.188	1032	1038	1045	rVB2	15558	28725	0.35%	0.102%
25	9.775	1130	1138	1150	rBV	205928	373299	4.51%	1.326%
26	10.322	1222	1231	1242	rBV	294092	567040	6.85%	2.014%
27	10.698	1287	1295	1303	rBV	398658	720285	8.71%	2.558%
28	10.833	1310	1318	1333	rBV	247495	484302	5.85%	1.720%
29	12.284	1559	1565	1573	rVB4	5615	11190	0.14%	0.040%
30	12.648	1623	1627	1633	rVB3	7602	10308	0.12%	0.037%
31	12.748	1639	1644	1646	rBV3	23842	37409	0.45%	0.133%
32	12.778	1646	1649	1657	rVB	23127	37658	0.46%	0.134%
33	13.418	1754	1758	1763	rBV3	6176	10075	0.12%	0.036%
34	13.935	1839	1846	1859	rBV	657097	942474	11.39%	3.347%
35	14.053	1861	1866	1870	rVB3	7526	10238	0.12%	0.036%
36	14.229	1888	1896	1906	rBV	721208	1162820	14.06%	4.130%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

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	14.387	1918	1923	1927	rBV4	5675	8450	0.10%	0.030%
38	14.534	1940	1948	1960	rBV	606073	966894	11.69%	3.434%
39	14.758	1980	1986	2001	rBV4	12182	39863	0.48%	0.142%
40	15.339	2076	2085	2088	rBV5	8484	15096	0.18%	0.054%
41	15.527	2110	2117	2132	rBV	923344	1474004	17.82%	5.235%
42	15.651	2132	2138	2145	rVB	39370	65198	0.79%	0.232%
43	15.762	2152	2157	2161	rBV5	6090	8485	0.10%	0.030%
44	15.886	2173	2178	2185	rVB	34651	49777	0.60%	0.177%
45	16.179	2223	2228	2233	rBV2	4337	8715	0.11%	0.031%
46	16.967	2357	2362	2367	rVB	30510	41666	0.50%	0.148%
47	17.020	2367	2371	2376	rVB4	5128	8742	0.11%	0.031%
48	17.278	2408	2415	2424	rBV	729805	1086037	13.13%	3.857%
49	17.378	2425	2432	2448	rVB	1042526	1542166	18.64%	5.477%
50	18.160	2561	2565	2571	rBV5	12901	22103	0.27%	0.079%
51	18.230	2574	2577	2581	rVB	9493	12075	0.15%	0.043%
52	18.447	2611	2614	2618	rBV	6669	9170	0.11%	0.033%
53	19.082	2719	2722	2727	rBV2	6831	9546	0.12%	0.034%
54	19.229	2742	2747	2755	rBV2	16421	26105	0.32%	0.093%
55	19.299	2755	2759	2765	rBV	13147	21001	0.25%	0.075%
56	19.669	2815	2822	2835	rBV	1227646	1777310	21.48%	6.312%
57	20.680	2991	2994	2997	rBV5	6654	9091	0.11%	0.032%
58	20.991	3045	3047	3052	rVB5	10240	13025	0.16%	0.046%
59	21.409	3114	3118	3123	rVB2	32384	41284	0.50%	0.147%
60	21.532	3132	3139	3147	rBV2	659427	1080154	13.06%	3.836%
61	22.948	3376	3380	3388	rVB7	23796	52173	0.63%	0.185%
62	23.741	3511	3515	3519	rVB5	13646	21581	0.26%	0.077%
63	24.452	3626	3636	3648	rBV2	634033	1804347	21.81%	6.408%
64	24.670	3663	3673	3687	rVB	420338	1222035	14.77%	4.340%

Sum of corrected areas: 28155980

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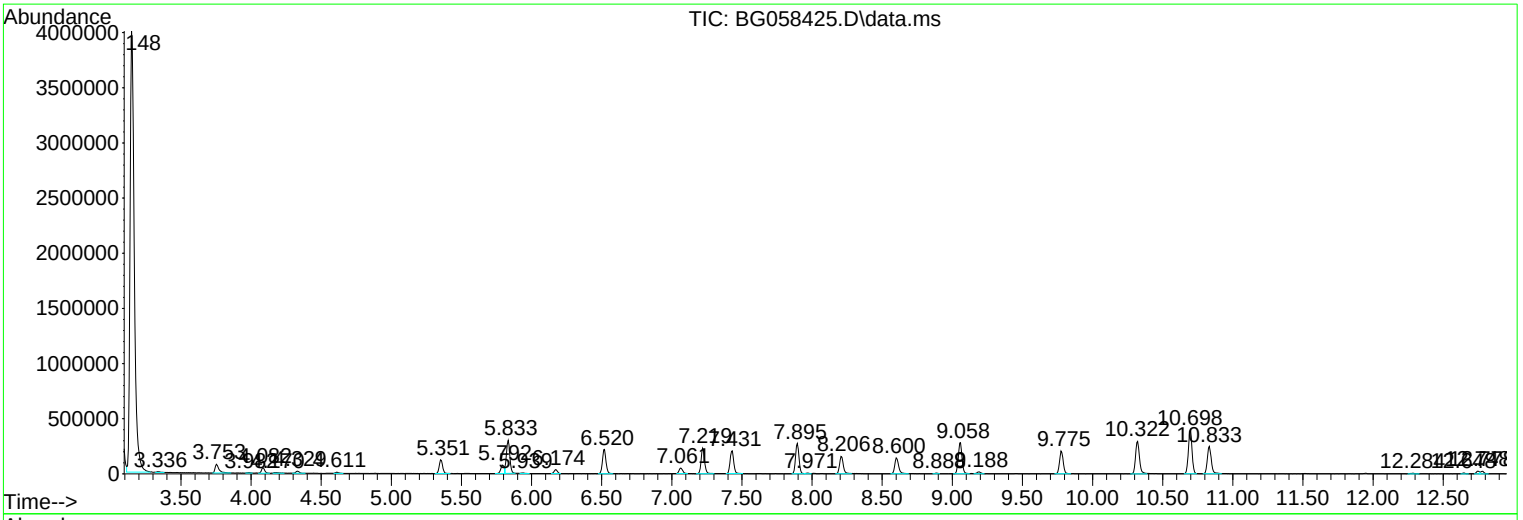
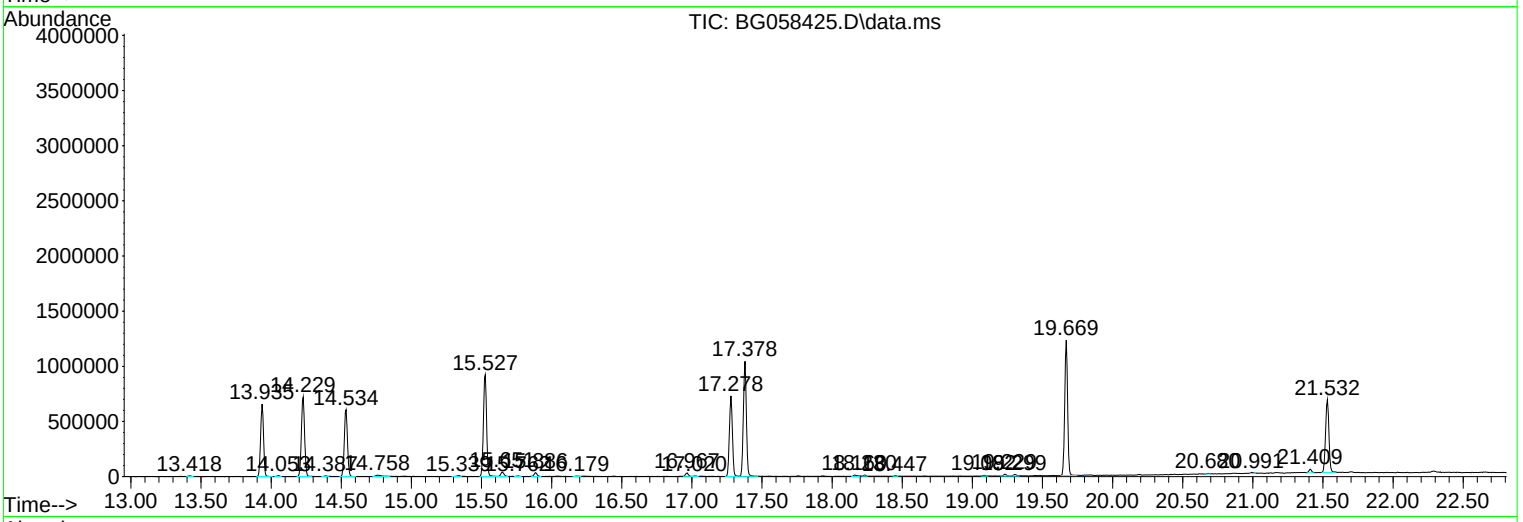
ALS Vial : 45 Sample Multiplier: 1

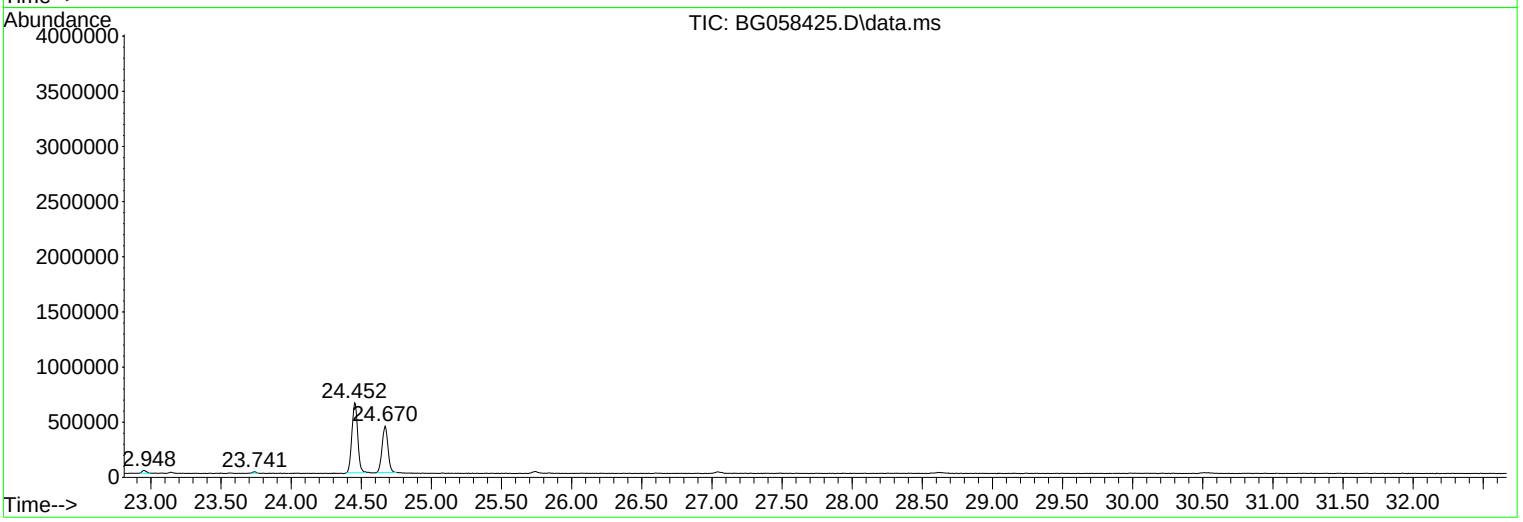
Instrument :
BNA_G
ClientSampleId :
A46Z3

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 : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

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

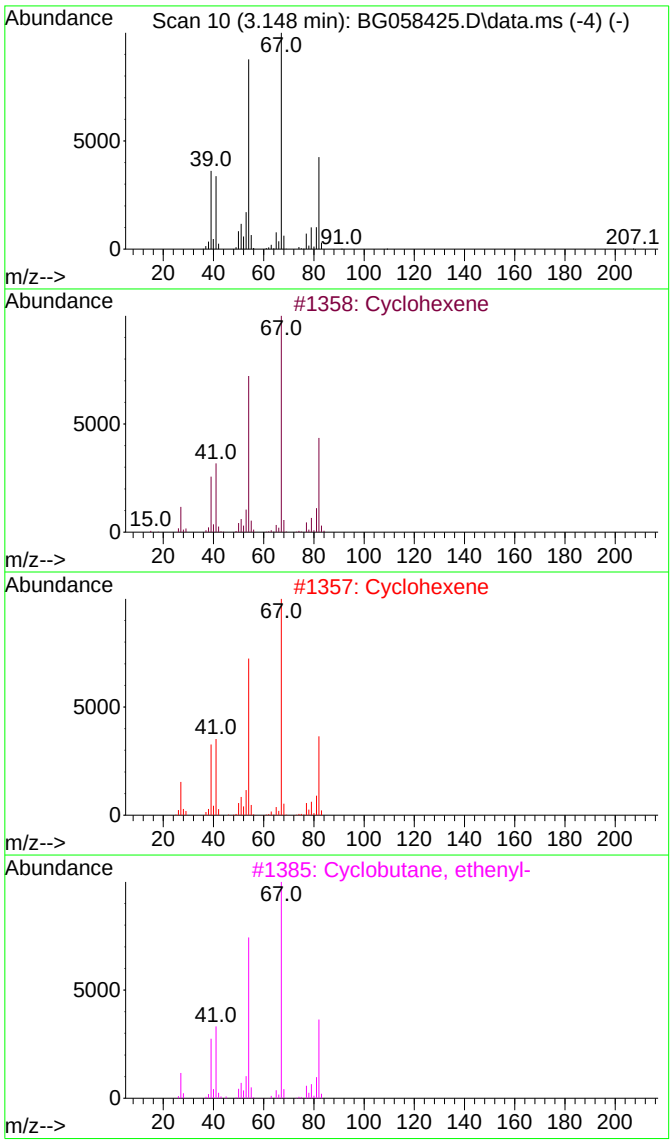
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

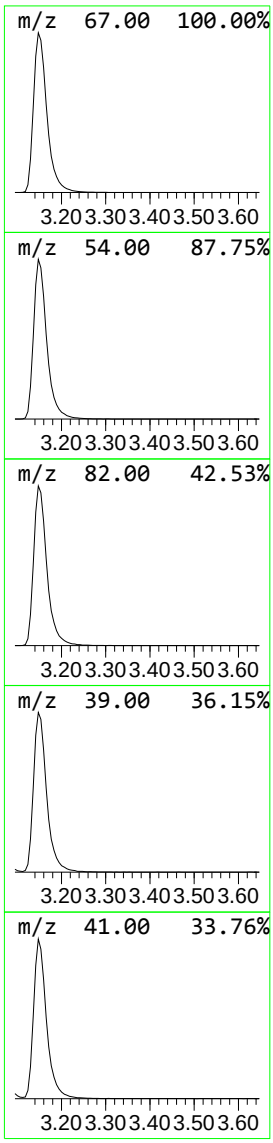
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.148	357.06 ng/ul	8272620	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	91
2	Cyclohexene	82	C6H10	000110-83-8	91
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	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 : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

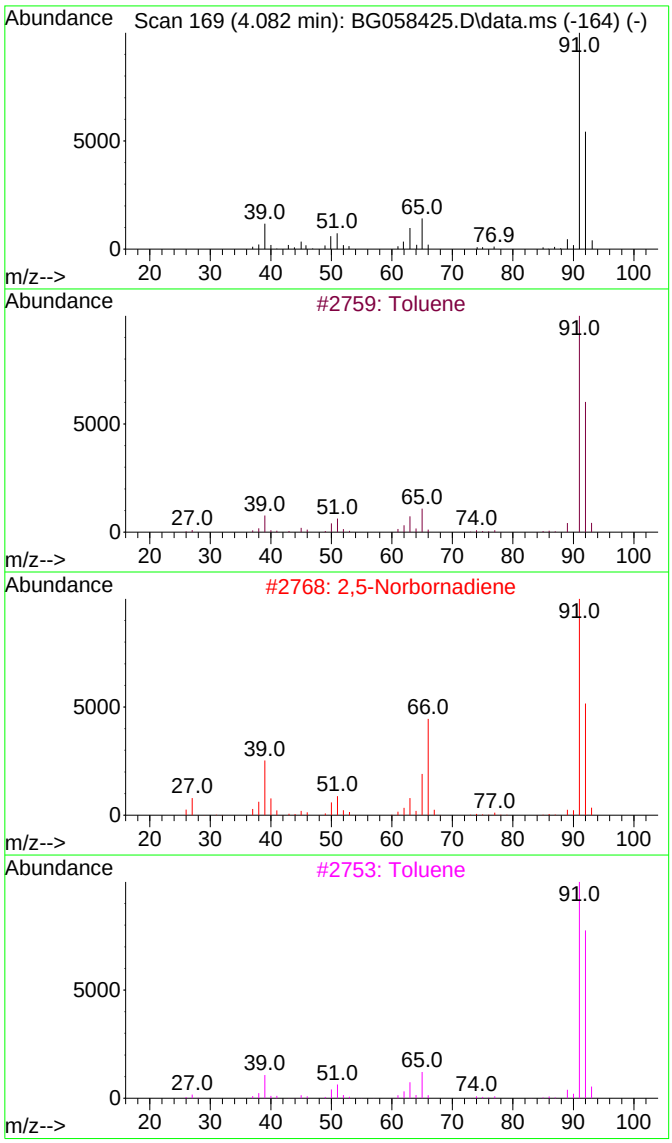
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

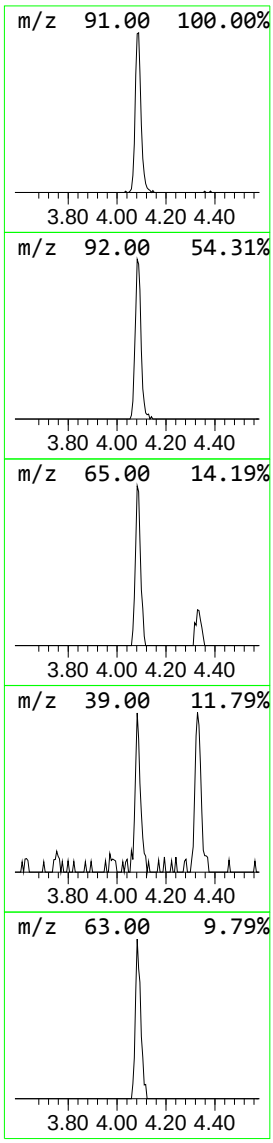
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.082	3.59 ng/ul	83282	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	2,5-Norbornadiene	92	C7H8	000121-46-0	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

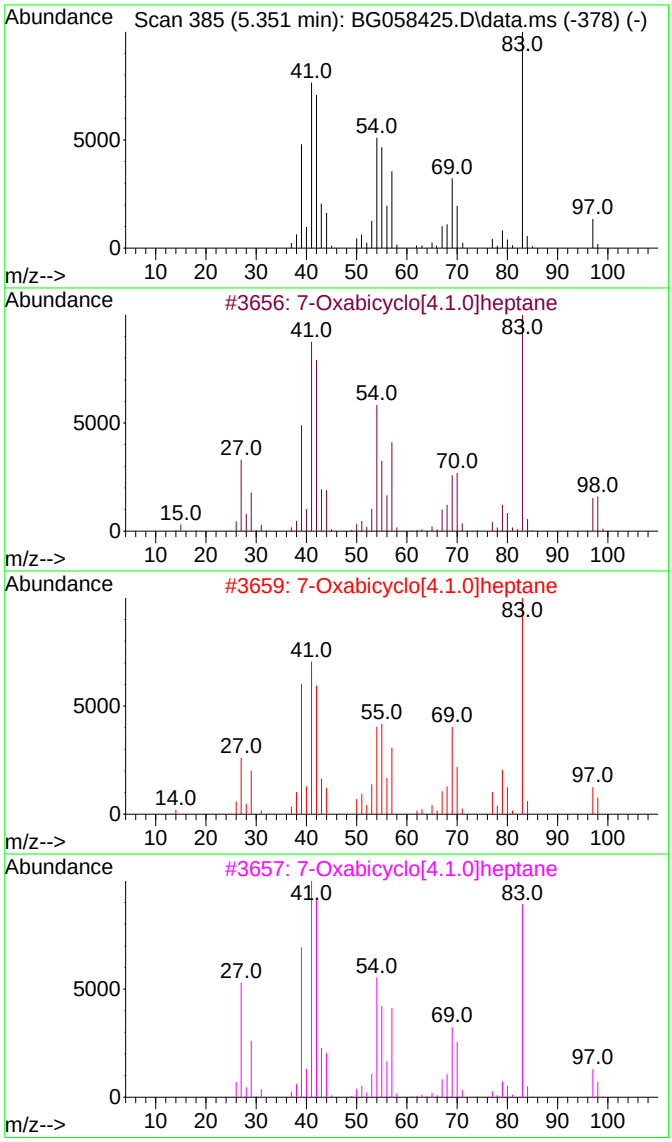
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

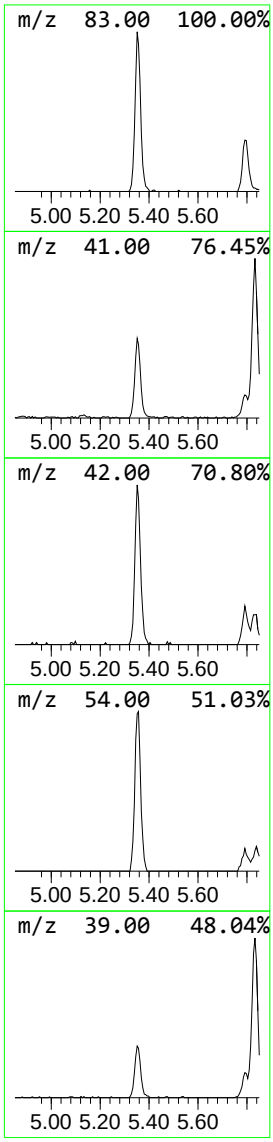
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7-Oxabicyclo[4.1.0]heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.351	9.00 ng/ul	208530	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	83
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	78
3	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	72
4	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	59
5	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

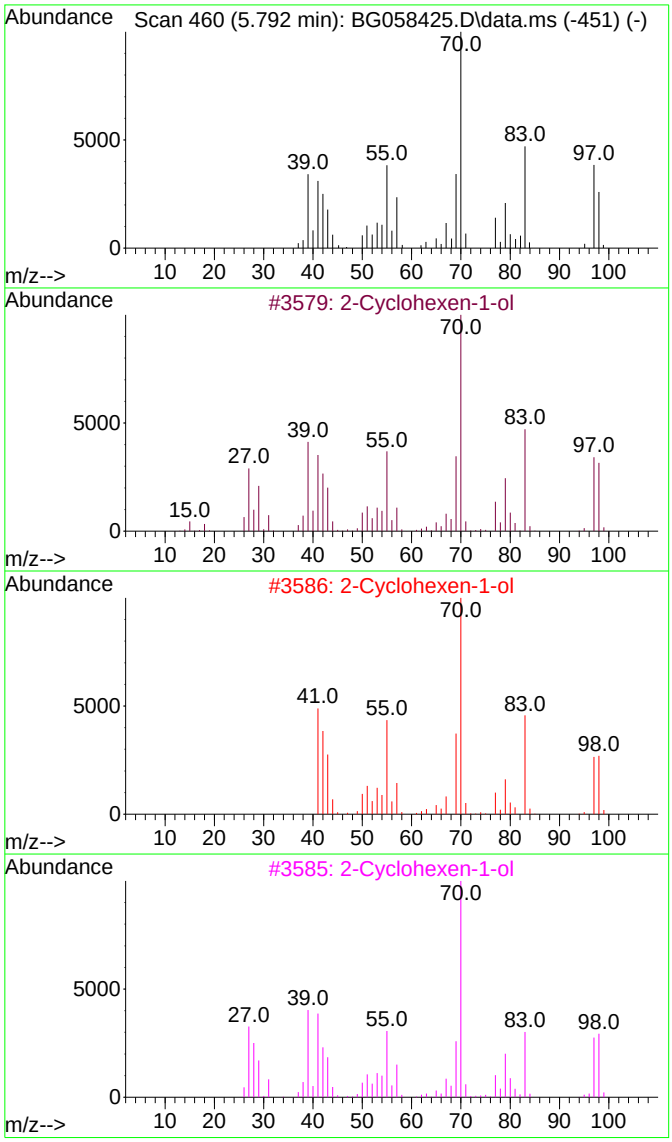
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

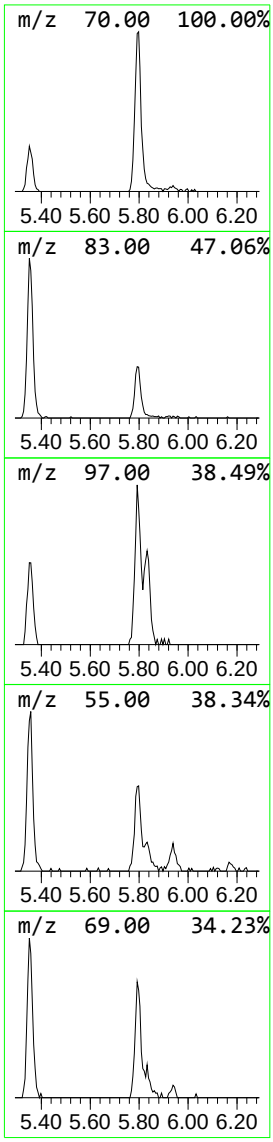
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.792	6.07 ng/ul	140547	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	93
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	74
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	70
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50
5	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

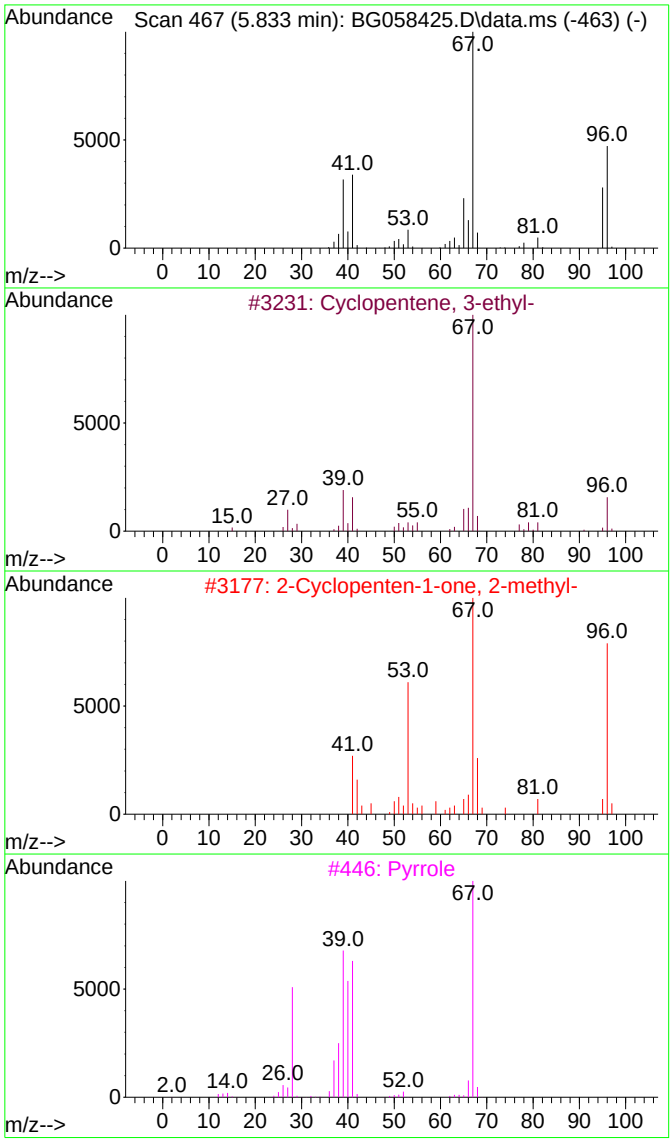
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

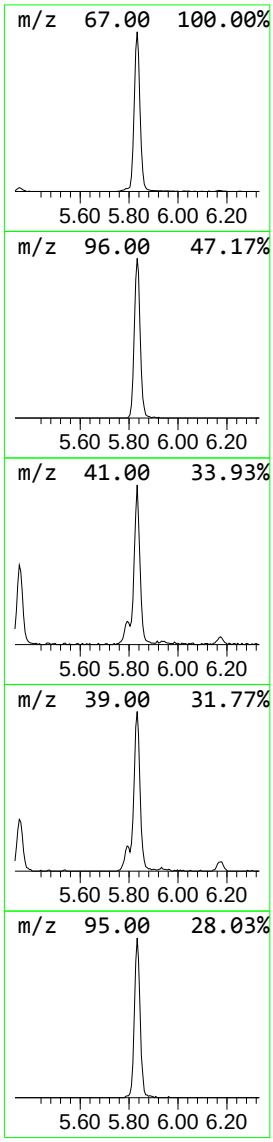
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentene, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.833	21.22 ng/ul	491571	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	50
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	45
3	Pyrrole	67	C4H5N	000109-97-7	38
4	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	38
5	Cyclopentene	68	C5H8	000142-29-0	32





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Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

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

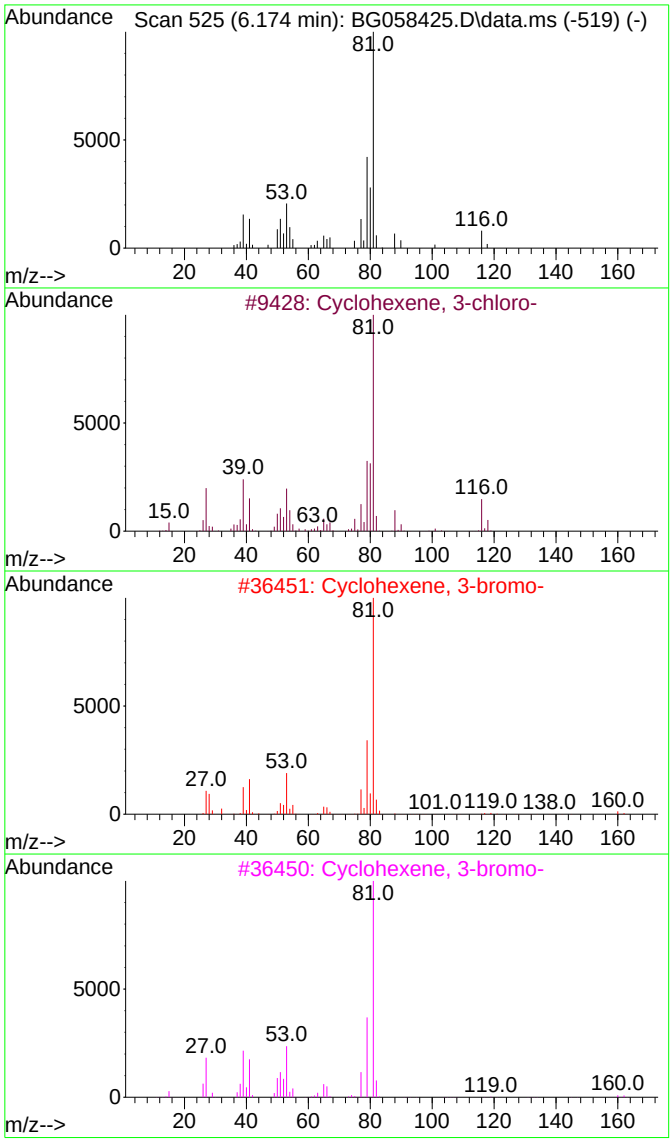
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

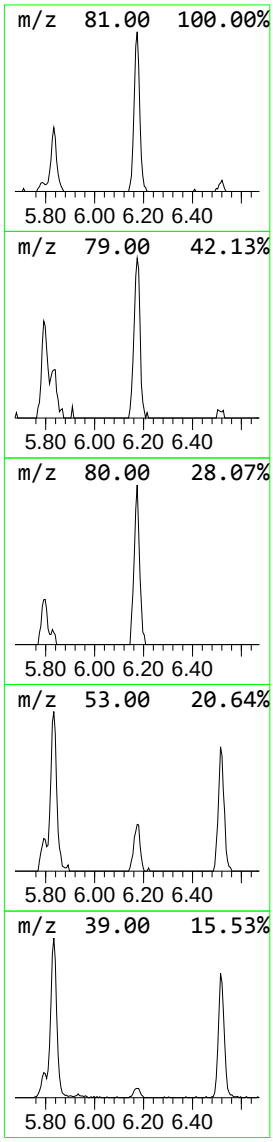
****

Peak Number 6 Cyclohexene, 3-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.174	2.58 ng/ul	59749	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	86
2	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	64
3	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	59
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	59
5	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

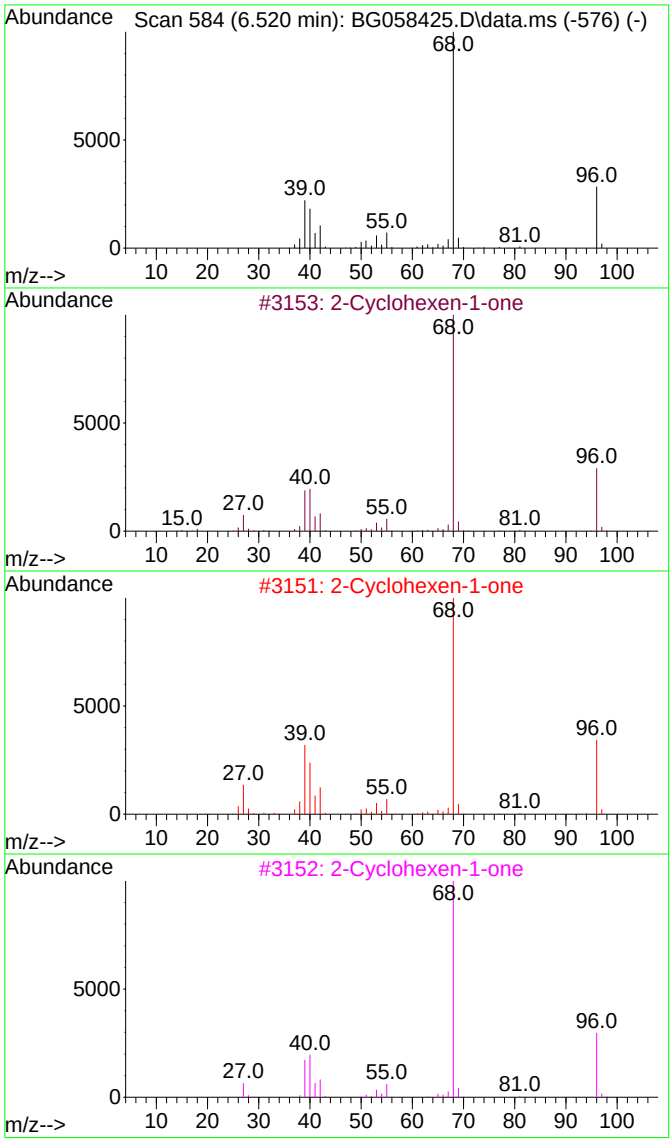
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

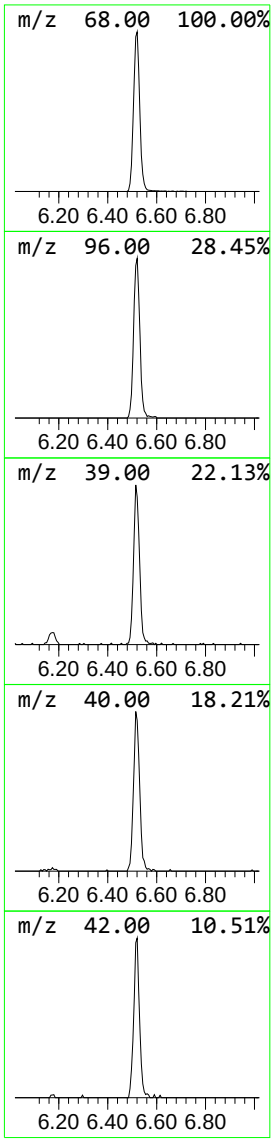
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.520	16.68 ng/ul	386437	1,4-Dichlorobenzene-d4	7.895

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	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

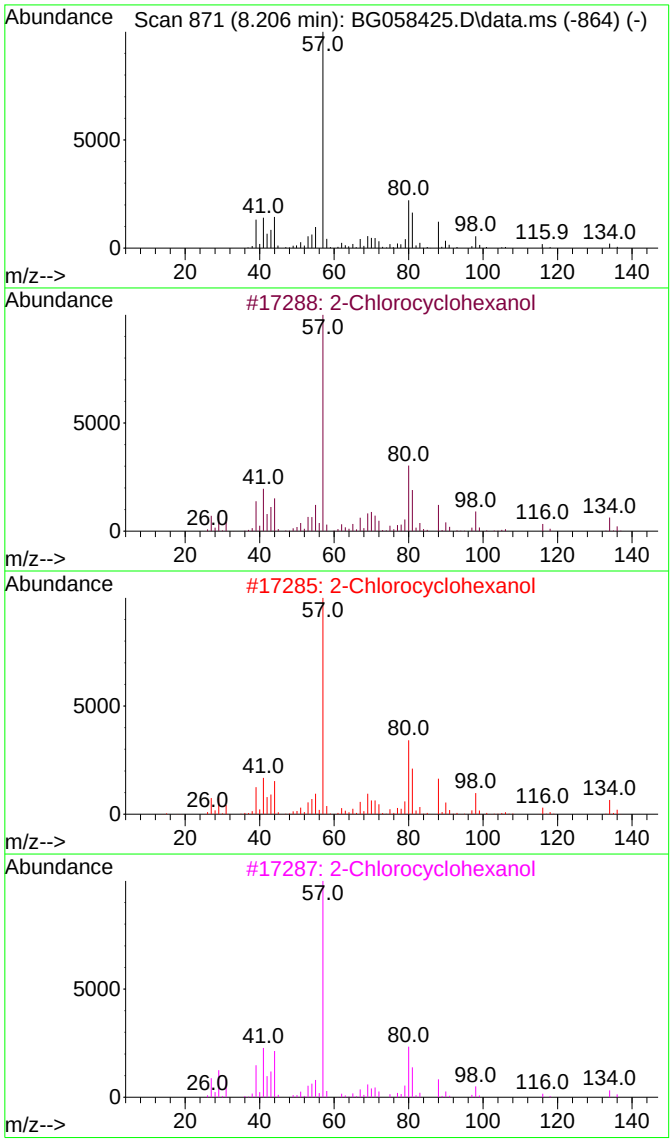
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

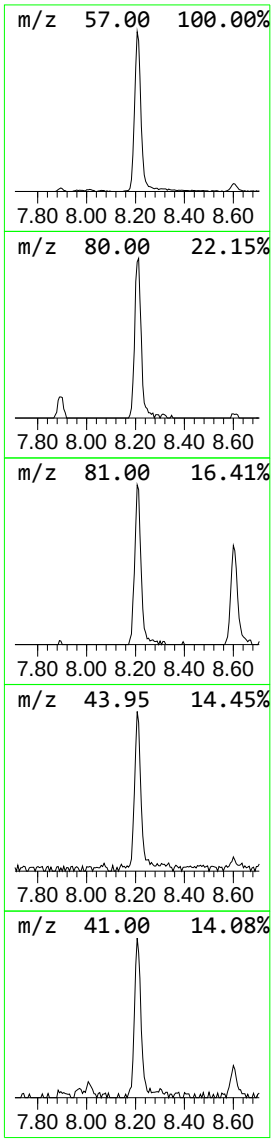
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Chlorocyclohexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.206	12.47 ng/ul	288927	1,4-Dichlorobenzene-d4	7.895

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	87
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	86
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	83
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058425.D
Acq On : 23 Jul 2023 8:00
Operator : CG/JU
Sample : 03553-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z3

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	3.148	357.1	ng/ul	8272620	1	7.895	463370	20.0
Toluene	4.082	3.6	ng/ul	83282	1	7.895	463370	20.0
7-Oxabicyclo[4....	5.351	9.0	ng/ul	208530	1	7.895	463370	20.0
2-Cyclohexen-1-ol	5.792	6.1	ng/ul	140547	1	7.895	463370	20.0
Cyclopentene, 3...	5.833	21.2	ng/ul	491571	1	7.895	463370	20.0
Cyclohexene, 3-...	6.174	2.6	ng/ul	59749	1	7.895	463370	20.0
2-Cyclohexen-1-one	6.520	16.7	ng/ul	386437	1	7.895	463370	20.0
2-Chlorocyclohe...	8.206	12.5	ng/ul	288927	1	7.895	463370	20.0