LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46Z5

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: BG058426.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	4	10	36	rVB	3583143	7392996	100.00%	28.299%
2	3.343	39	43	48	rVB3	5518	9248	0.13%	0.035%
3	3.754	108	113	130	rVB	75354	145622	1.97%	0.557%
4	4.083	164	169	179	rVB	45577	74483	1.01%	0.285%
5	4.171	182	184	188	rBV4	5292	7562	0.10%	0.029%
6	4.330	204	211	217	rBV4	17531	31982	0.43%	0.122%
7	4.612	254	259	265	rBV4	9123	14992	0.20%	0.057%
8	5.352	379	385	394	rBV	120660	198845	2.69%	0.761%
9	5.793	453	460	462	rBV3	64300	104208	1.41%	0.399%
10	5.834	462	467	477	rVB	291818	497091	6.72%	1.903%
11	6.169	519	524	530	rBV	36015	59338	0.80%	0.227%
12	6.515	576	583	596	rBV	192277	340586	4.61%	1.304%
13	7.062	670	676	683	rBV	47313	86185	1.17%	0.330%
14	7.220	696	703	717	rBV	224050	378699	5.12%	1.450%
15	7.426	732	738	748	rBV	204052	348768	4.72%	1.335%
16	7.896	811	818	826	rBV	249936	435983	5.90%	1.669%
17	7.967	826	830	835	rVV2	7279	13908	0.19%	0.053%
18	8.207	864	871	883	rBV	139087	254752	3.45%	0.975%
19	8.601	928	938	950	rBV2	107316	209789	2.84%	0.803%
20	8.883	982	986	992	rBV3	5496	8831	0.12%	0.034%
21	9.054	1006	1015	1026	rBV	262246	485916	6.57%	1.860%
22	9.189	1033	1038	1045	rVB2	15153	27150	0.37%	0.104%
23	9.453	1078	1083	1089	rBV	20030	30474	0.41%	0.117%
24	9.776	1130	1138	1148	rBV	192586	349199	4.72%	1.337%
25	10.323	1223	1231	1246	rBV	261635	523920	7.09%	2.005%
26	10.699	1287	1295	1302	rBV	367420	676455	9.15%	2.589%
27	10.834	1310	1318	1328	rBV	233694	452029	6.11%	1.730%
28	11.944	1502	1507	1514	rBV2	7768	10758	0.15%	0.041%
29	12.285	1558	1565	1572	rBV3	5155	8811	0.12%	0.034%
30	12.643	1623	1626	1634	rBV3	6758	9545	0.13%	0.037%
31	12.749	1638	1644	1646	rVV	24210	36760	0.50%	0.141%
32	12.779	1646	1649	1656	rVB	21723	34372	0.46%	0.132%
33	13.419	1752	1758	1764	rVB4	4643	8006	0.11%	0.031%
34	13.936	1839	1846	1856	rBV	591136	836768	11.32%	3.203%
35	14.048	1862	1865	1873	rVB4	7145	9829	0.13%	0.038%
36	14.224	1888	1895	1903	rBV	668216	1070845	14.48%	4.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46Z5

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	14.535	1940	1948	1961	rBV	555173	913160	12.35%	3.495%
38	14.759	1979	1986	1994	rBV5	12336	34553	0.47%	0.132%
39	15.334	2078	2084	2088	rBV4	6632	11946	0.16%	0.046%
40	15.522	2110	2116	2132	rBV	845241	1306422	17.67%	5.001%
41	15.646	2132	2137	2147	rVB	37522	62737	0.85%	0.240%
42	15.887	2168	2178	2187	rBV	27586	43896	0.59%	0.168%
43	16.809	2331	2335	2342	rVB3	5323	8574	0.12%	0.033%
44	16.962	2356	2361	2366	rBV2	21634	30222	0.41%	0.116%
45	17.021	2367	2371	2375	rVV2	7445	9594	0.13%	0.037%
46	17.074	2376	2380	2385	rVB4	5048	7925	0.11%	0.030%
47	17.279	2408	2415	2424	rBV	691712	1058456	14.32%	4.052%
48	17.379	2424	2432	2443	rVV	908088	1384647	18.73%	5.300%
49	17.761	2493	2497	2502	rBV	18846	23487	0.32%	0.090%
50	18.161	2560	2565	2569	rBV5	16810	26031	0.35%	0.100%
51	18.196	2569	2571	2574	rVV4	6414	9448	0.13%	0.036%
52	18.231	2574	2577	2580	rVB	8768	11596	0.16%	0.044%
53	18.302	2585	2589	2594	rVV6	5068	7609	0.10%	0.029%
54	18.448	2610	2614	2619	rBV	26590	35312	0.48%	0.135%
55	18.907	2689	2692	2698	rVB3	12712	19686	0.27%	0.075%
56	19.083	2718	2722	2727	rVB	24015	30972	0.42%	0.119%
57	19.236	2740	2748	2755	rBV6	17703	43883	0.59%	0.168%
58	19.306	2755	2760	2764	rBV3	17931	31025	0.42%	0.119%
59	19.582	2804	2807	2811	rVB5	6058	7553	0.10%	0.029%
60	19.671	2815	2822	2832	rVV	1127700	1668050	22.56%	6.385%
61	19.829	2847	2849	2852	rBV3	8904	11591	0.16%	0.044%
62	19.964	2868	2872	2874	rBV5	9818	14482	0.20%	0.055%
63	20.052	2884	2887	2891	rVB6	9363	11137	0.15%	0.043%
64	20.188	2907	2910	2914	rVB3	17470	19706	0.27%	0.075%
65	20.252	2919	2921	2925	rVB5	11609	11582	0.16%	0.044%
66	20.681	2991	2994	2997	rBV3	12602	16626	0.22%	0.064%
67	20.992	3045	3047	3051	rVB5	13231	13613	0.18%	0.052%
68	21.139	3068	3072	3075	rBV5	13117	21424	0.29%	0.082%
69	21.410	3114	3118	3124	rVB	70808	104701	1.42%	0.401%
70	21.527	3132	3138	3147	rBV2	622627	1055396	14.28%	4.040%
71	24.453	3626	3636	3651	rBV2	560858	1693510	22.91%	6.482%
72	24.671	3663	3673	3685	rVB2	403861	1179420	15.95%	4.515%

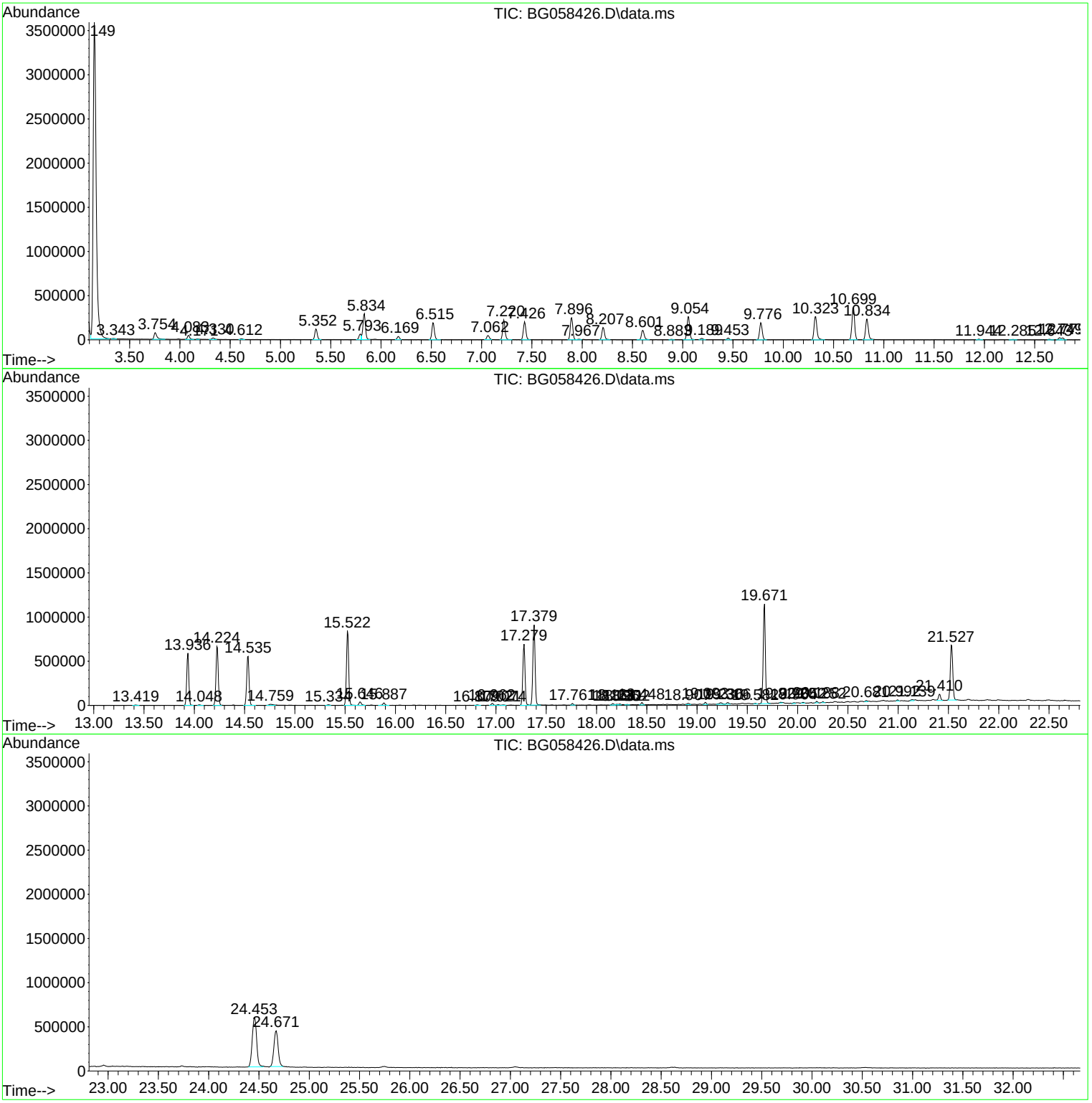
Sum of corrected areas: 26124677

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

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 : BG058426.D
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Operator : CG/JU
Sample : 03553-14
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Instrument :
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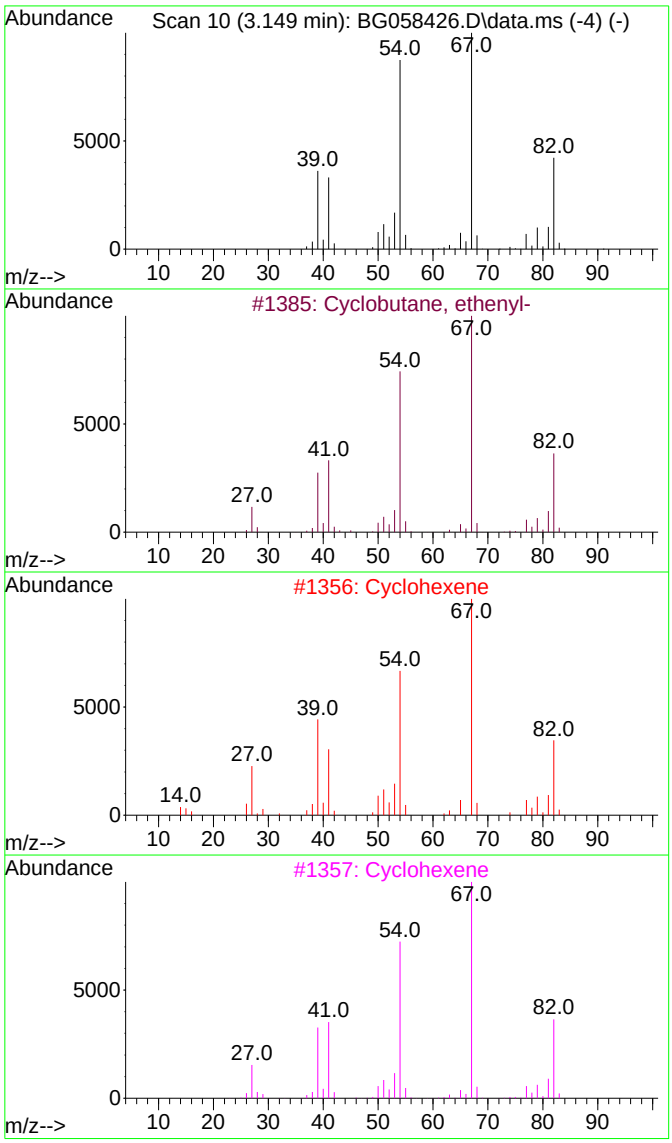
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

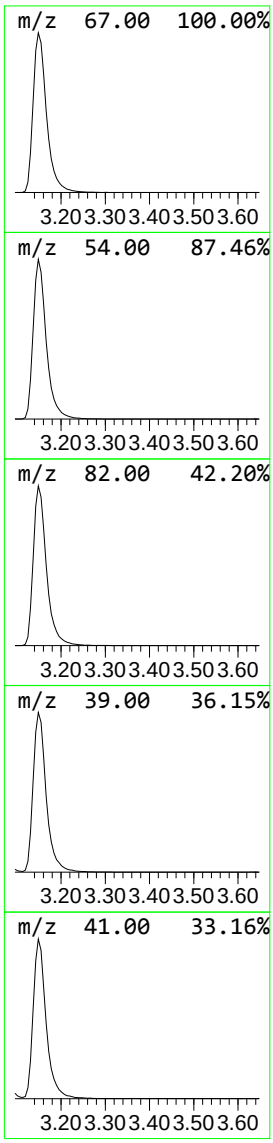
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclobutane, ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	339.14 ng/ul	7393000	1,4-Dichlorobenzene-d4	7.896

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

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

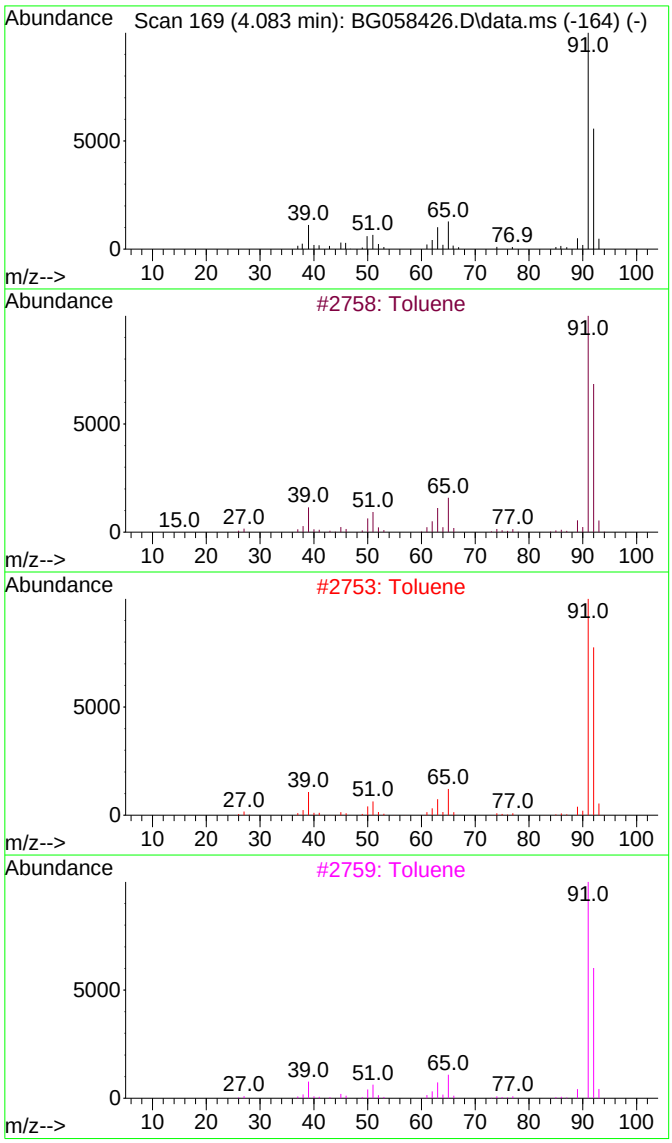
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

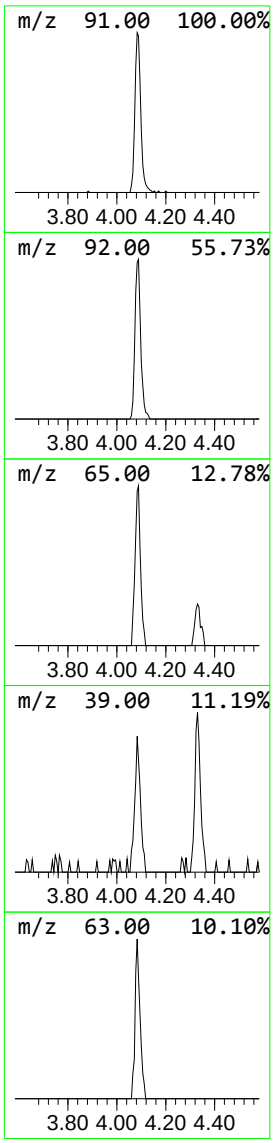
****

Peak Number 2 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.083	3.42 ng/ul	74483	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

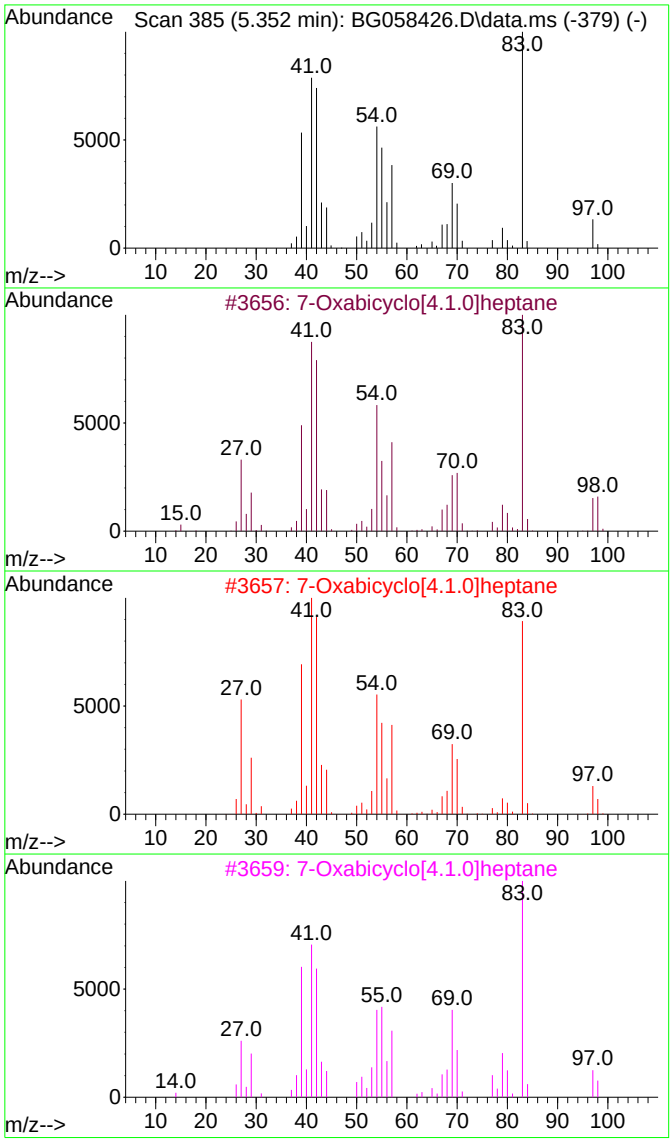
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

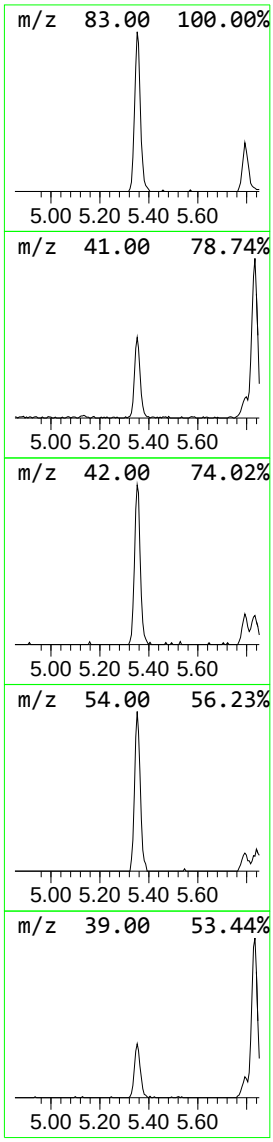
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.352	9.12 ng/ul	198845	1,4-Dichlorobenzene-d4	7.896

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	59
3	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	45
4	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	42
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

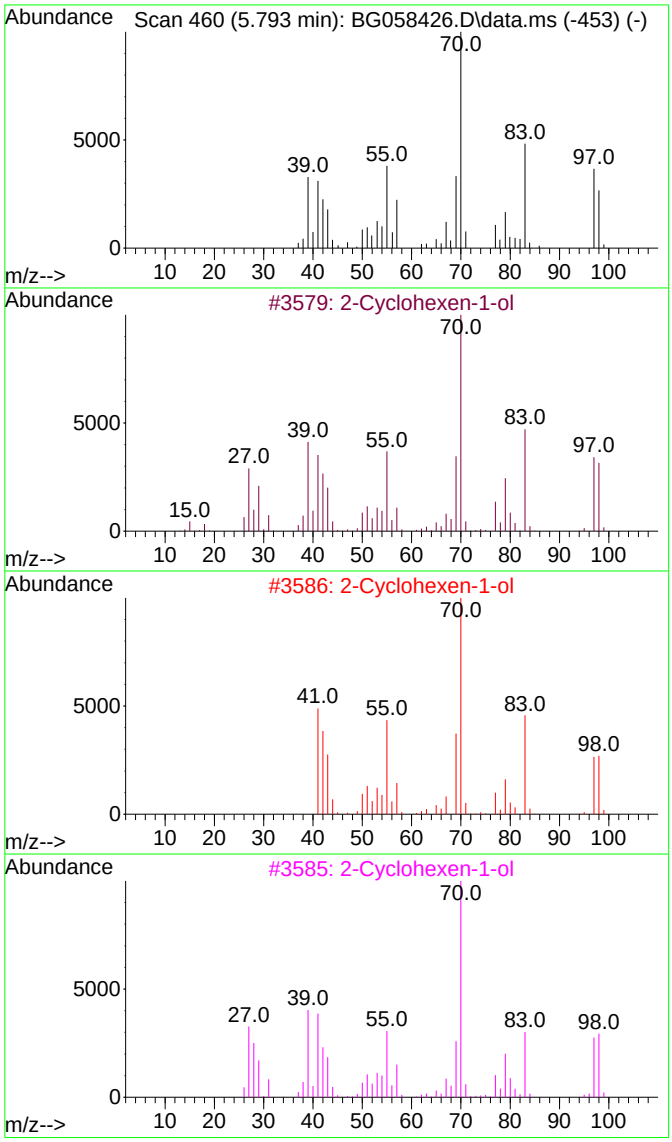
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

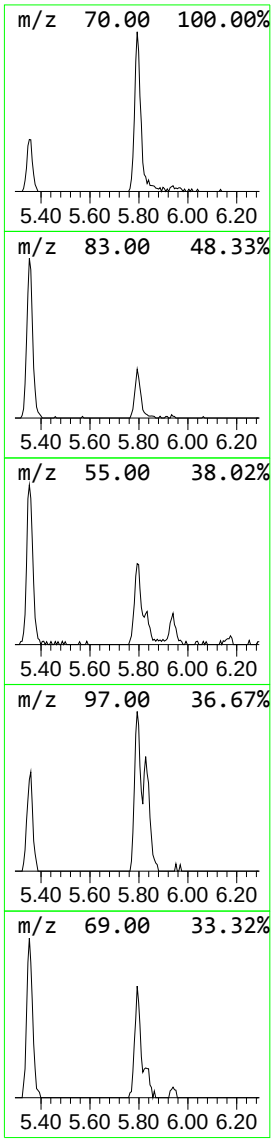
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.793	4.78 ng/ul	104208	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	83
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	74
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	50
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

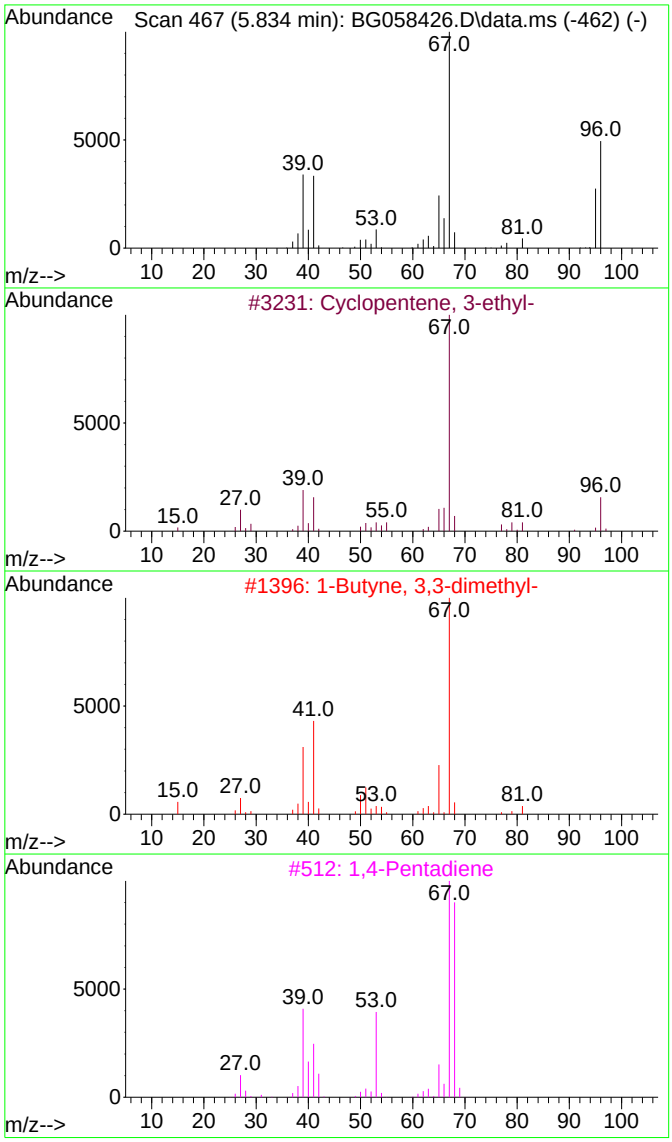
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

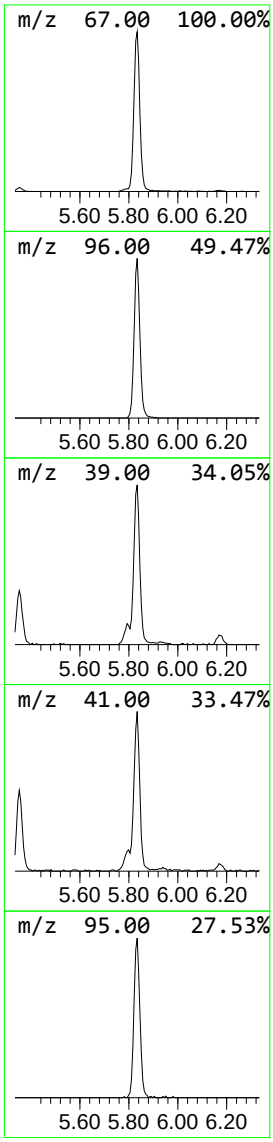
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	22.80 ng/ul	497091	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	50
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	38
3	1,4-Pentadiene	68	C5H8	000591-93-5	37
4	2-Cyclopentene-1-methanol	98	C6H10O	013668-59-2	37
5	Cyclopentene	68	C5H8	000142-29-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

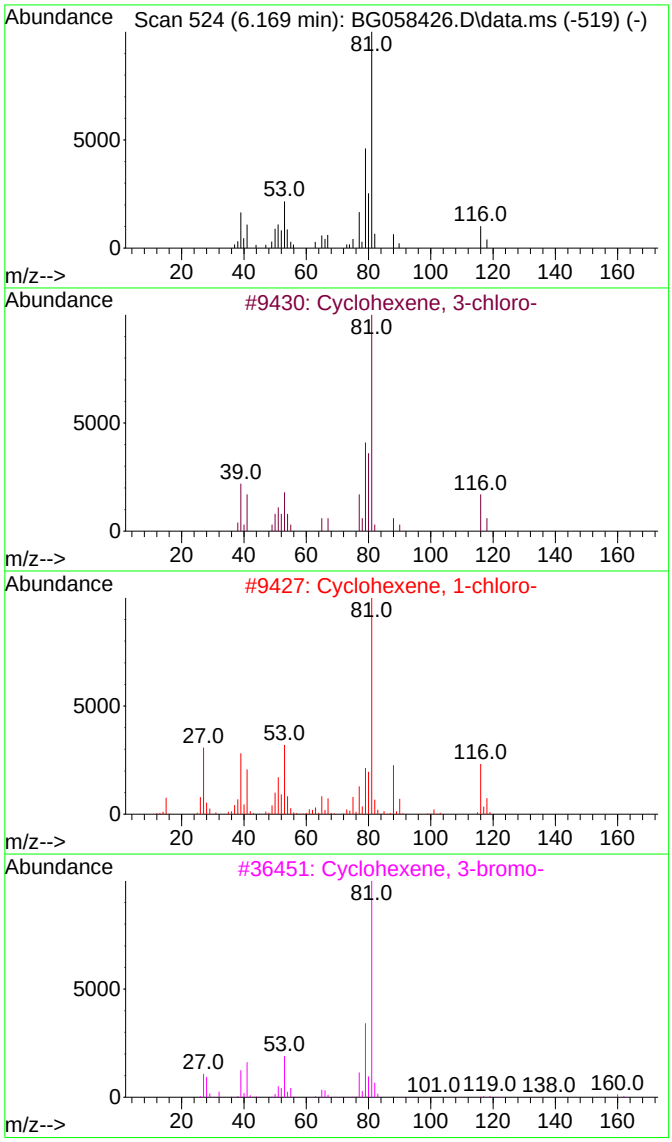
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

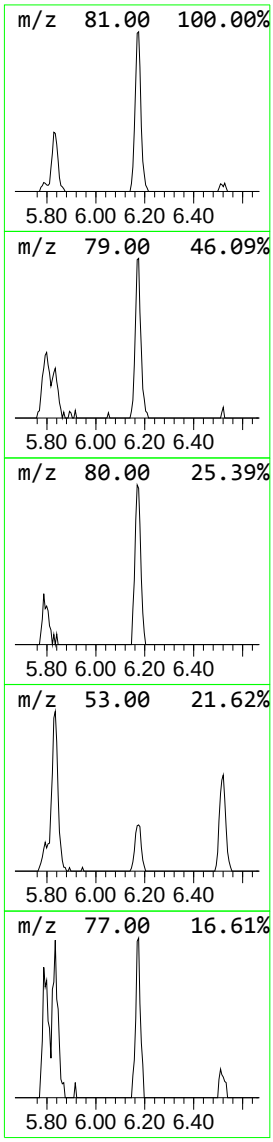
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.169	2.72 ng/ul	59338	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-chloro-	116	C6H9Cl	002441-97-6	87
2	Cyclohexene, 1-chloro-	116	C6H9Cl	000930-66-5	72
3	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	72
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	59
5	Cyclohexene, 1-chloro-	116	C6H9Cl	000930-66-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

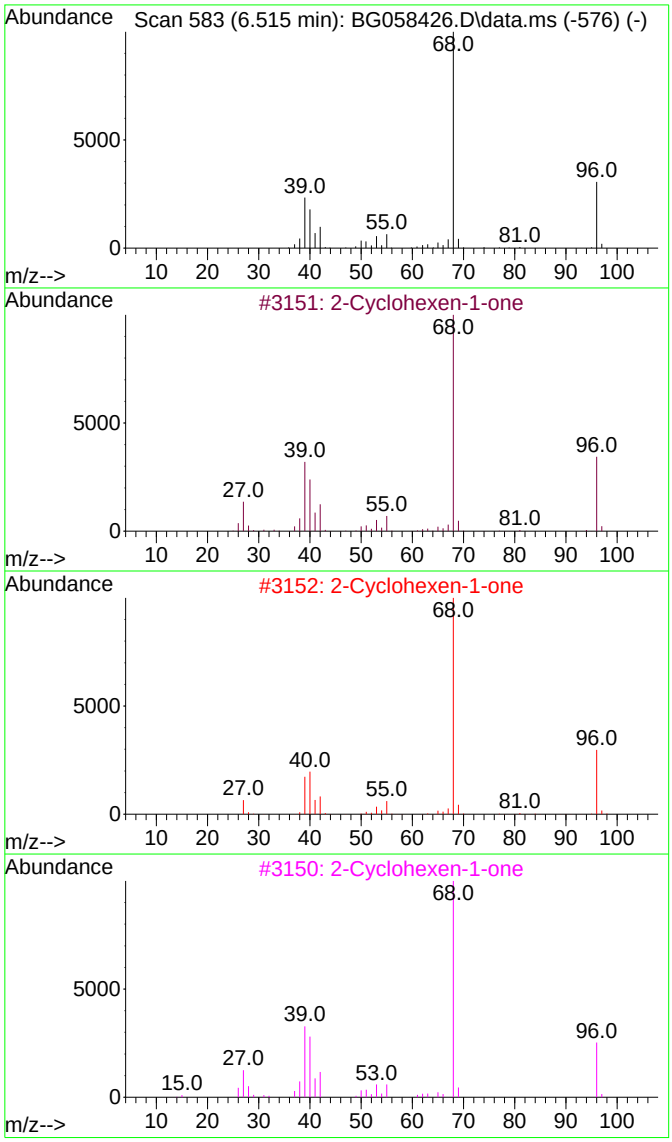
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

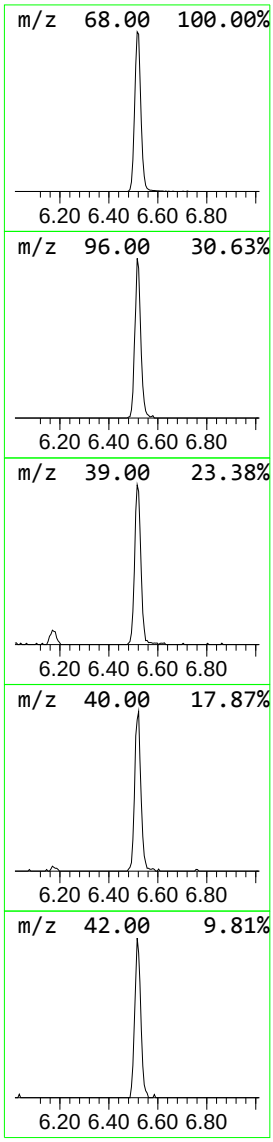
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.515	15.62 ng/ul	340586	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
5	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

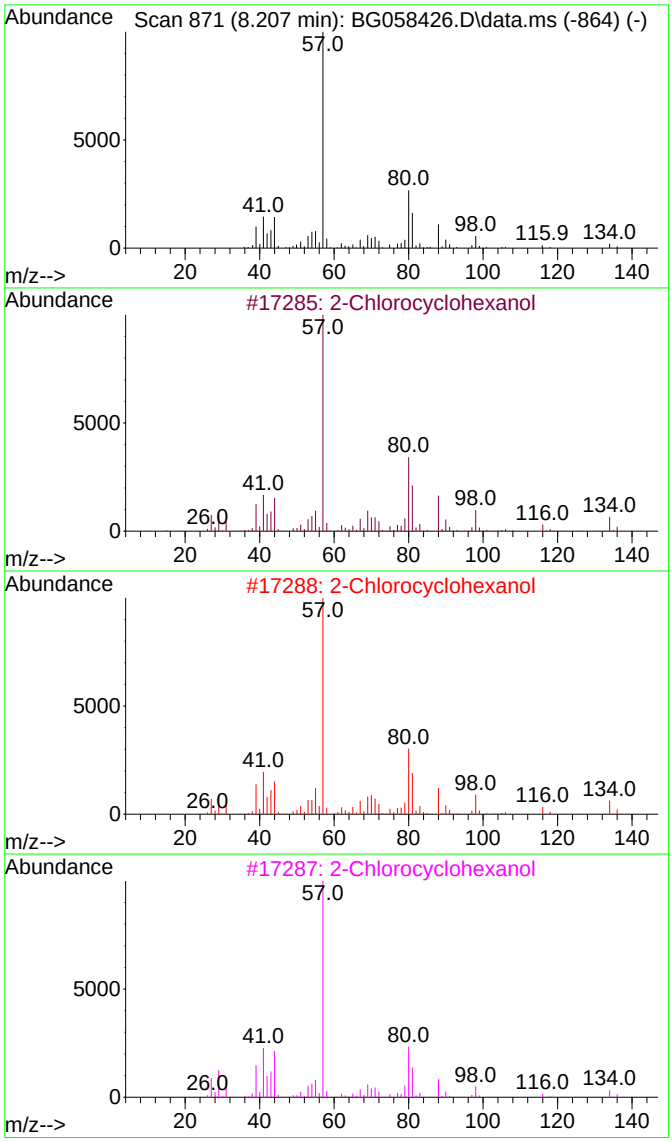
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

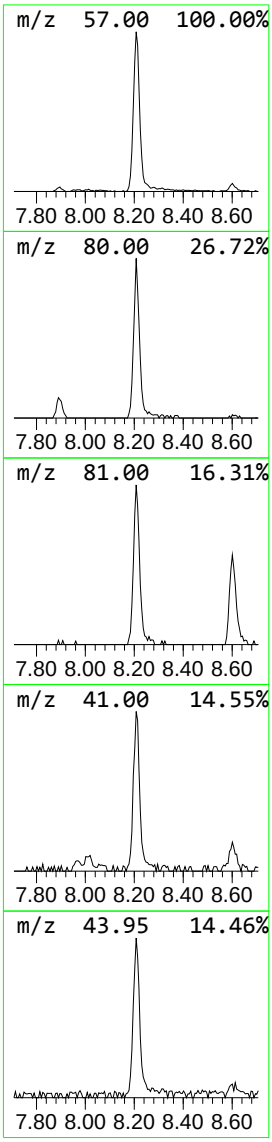
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.207	11.69 ng/ul	254752	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	95
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	59
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058426.D
Acq On : 23 Jul 2023 8:41
Operator : CG/JU
Sample : 03553-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z5

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
Cyclobutane, et...	3.149	339.1	ng/ul	7393000	1	7.896	435983	20.0
Toluene	4.083	3.4	ng/ul	74483	1	7.896	435983	20.0
7-Oxabicyclo[4....	5.352	9.1	ng/ul	198845	1	7.896	435983	20.0
2-Cyclohexen-1-ol	5.793	4.8	ng/ul	104208	1	7.896	435983	20.0
Cyclopentene, 3...	5.834	22.8	ng/ul	497091	1	7.896	435983	20.0
Cyclohexene, 3-...	6.169	2.7	ng/ul	59338	1	7.896	435983	20.0
2-Cyclohexen-1-one	6.515	15.6	ng/ul	340586	1	7.896	435983	20.0
2-Chlorocyclohe...	8.207	11.7	ng/ul	254752	1	7.896	435983	20.0