LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058477.D
Acq On : 26 Jul 2023 13:34
Operator : CG/JU
Sample : 03553-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46Z8

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: BG058477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.655	91	96	107	rBV	61306	120152	5.85%	0.488%
2	3.884	132	135	140	rVB5	4789	7232	0.35%	0.029%
3	3.990	148	153	161	rBV	37078	61151	2.98%	0.248%
4	4.078	165	168	177	rVB3	5016	10902	0.53%	0.044%
5	4.237	190	195	206	rVB4	13821	25703	1.25%	0.104%
6	4.519	239	243	247	rBV4	6760	9149	0.45%	0.037%
7	5.042	330	332	337	rVB4	1971	2480	0.12%	0.010%
8	5.265	364	370	384	rBV	113393	209901	10.22%	0.852%
9	5.712	439	446	448	rBV	65347	106487	5.18%	0.432%
10	5.753	448	453	465	rVV	278373	505548	24.61%	2.051%
11	5.858	468	471	475	rVB4	4438	6457	0.31%	0.026%
12	6.088	504	510	519	rBV	34031	57754	2.81%	0.234%
13	6.434	562	569	581	rBV	190823	344718	16.78%	1.399%
14	6.986	656	663	674	rBV2	49657	93606	4.56%	0.380%
15	7.145	682	690	700	rBV	228844	391410	19.05%	1.588%
16	7.345	718	724	737	rBV	193176	348280	16.95%	1.413%
17	7.815	797	804	812	rBV	372733	653350	31.81%	2.651%
18	7.885	812	816	821	rVV5	9215	18504	0.90%	0.075%
19	7.932	821	824	828	rVV3	5092	7231	0.35%	0.029%
20	7.979	828	832	838	rVB4	2872	4565	0.22%	0.019%
21	8.126	849	857	868	rBV	135696	247818	12.06%	1.006%
22	8.526	919	925	935	rBV2	124728	231467	11.27%	0.939%
23	8.808	968	973	978	rBV4	5481	9766	0.48%	0.040%
24	8.978	994	1002	1017	rBV	275237	511323	24.89%	2.075%
25	9.113	1019	1025	1032	rVV4	16624	32959	1.60%	0.134%
26	9.378	1067	1070	1076	rVB4	3861	5433	0.26%	0.022%
27	9.701	1117	1125	1136	rBV	222168	411998	20.06%	1.672%
28	10.242	1208	1217	1234	rBV	305493	601720	29.29%	2.442%
29	10.618	1273	1281	1292	rBV	594061	1077973	52.48%	4.374%
30	10.753	1297	1304	1322	rBV	239143	495725	24.13%	2.011%
31	11.875	1488	1495	1498	rBV2	2745	4134	0.20%	0.017%
32	12.210	1548	1552	1558	rBV3	4489	8356	0.41%	0.034%
33	12.415	1582	1587	1588	rBV2	1781	2106	0.10%	0.009%
34	12.439	1590	1591	1599	rVB3	1958	2742	0.13%	0.011%
35	12.574	1609	1614	1621	rVB3	8393	12722	0.62%	0.052%
36	12.674	1625	1631	1634	rBV	25597	43344	2.11%	0.176%

LSC Area Percent Report

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Acq On : 26 Jul 2023 13:34
Operator : CG/JU
Sample : 03553-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

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	12.709	1634	1637	1645	rVB	23539	33634	1.64%	0.136%
38	13.062	1694	1697	1703	rBV3	1484	2858	0.14%	0.012%
39	13.285	1730	1735	1741	rBV2	1616	3534	0.17%	0.014%
40	13.350	1741	1746	1755	rVB2	6363	11147	0.54%	0.045%
41	13.867	1827	1834	1848	rBV	788988	1151940	56.08%	4.674%
42	13.978	1849	1853	1861	rVV2	8642	13238	0.64%	0.054%
43	14.055	1861	1866	1869	rVB2	3106	4314	0.21%	0.018%
44	14.155	1876	1883	1894	rBV	873744	1369925	66.69%	5.559%
45	14.313	1906	1910	1915	rVV3	7591	9535	0.46%	0.039%
46	14.460	1928	1935	1948	rBV	986216	1612170	78.48%	6.542%
47	14.701	1969	1976	1978	rBV3	7381	14217	0.69%	0.058%
48	15.265	2066	2072	2078	rBV4	9733	17878	0.87%	0.073%
49	15.306	2078	2079	2084	rVB3	1896	2371	0.12%	0.010%
50	15.453	2097	2104	2119	rBV	1142312	1760852	85.72%	7.145%
51	15.576	2119	2125	2136	rBV	180623	296516	14.43%	1.203%
52	15.694	2141	2145	2149	rVB4	7590	11526	0.56%	0.047%
53	15.782	2158	2160	2161	rBV	2781	2549	0.12%	0.010%
54	15.817	2161	2166	2172	rVB	105774	145291	7.07%	0.590%
55	15.976	2190	2193	2195	rBV	2569	2467	0.12%	0.010%
56	16.111	2212	2216	2222	rBV5	4675	7702	0.37%	0.031%
57	16.381	2256	2262	2269	rVV2	23269	36272	1.77%	0.147%
58	16.746	2320	2324	2329	rBV3	5569	7649	0.37%	0.031%
59	16.893	2344	2349	2356	rBV	47088	66751	3.25%	0.271%
60	16.963	2356	2361	2363	rVB4	1846	2901	0.14%	0.012%
61	17.204	2396	2402	2412	rBV	1142888	1781721	86.74%	7.230%
62	17.304	2413	2419	2427	rVV	1107476	1669264	81.26%	6.773%
63	17.480	2446	2449	2454	rVB	23557	28768	1.40%	0.117%
64	17.868	2509	2515	2519	rBV5	3241	5316	0.26%	0.022%
65	18.097	2548	2554	2562	rBV3	28124	60411	2.94%	0.245%
66	18.168	2562	2566	2570	rVB	8521	13741	0.67%	0.056%
67	18.591	2632	2638	2644	rBV3	7210	14252	0.69%	0.058%
68	19.160	2731	2735	2740	rBV3	15590	23528	1.15%	0.095%
69	19.231	2742	2747	2754	rBV	14121	25109	1.22%	0.102%
70	19.384	2768	2773	2779	rBV6	8452	17744	0.86%	0.072%
71	19.513	2793	2795	2799	rBV4	3075	2956	0.14%	0.012%
72	19.595	2803	2809	2822	rBV	1313647	1925685	93.74%	7.814%
73	19.748	2832	2835	2836	rVV2	2438	2407	0.12%	0.010%
74	19.924	2862	2865	2867	rBV4	1602	2219	0.11%	0.009%
75	19.989	2874	2876	2881	rVV5	3166	3798	0.18%	0.015%
76	20.124	2896	2899	2904	rVB4	9198	10863	0.53%	0.044%

LSC Area Percent Report

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Sample : 03553-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

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	20.177	2904	2908	2909	rBV4	2255	3069	0.15%	0.012%
78	20.512	2963	2965	2970	rBV6	3095	4131	0.20%	0.017%
79	20.553	2970	2972	2974	rBV3	4846	4852	0.24%	0.020%
80	20.623	2980	2984	2987	rVB2	13298	15909	0.77%	0.065%
81	20.788	3010	3012	3018	rBV6	4415	7592	0.37%	0.031%
82	20.929	3032	3036	3040	rVB6	7629	11086	0.54%	0.045%
83	21.105	3062	3066	3069	rVB	15271	19957	0.97%	0.081%
84	21.334	3101	3105	3108	rVB	14825	18512	0.90%	0.075%
85	21.446	3117	3124	3138	rBV	1026331	1646661	80.16%	6.682%
86	21.622	3150	3154	3161	rVB2	14403	23183	1.13%	0.094%
87	22.198	3249	3252	3256	rVB2	16396	23465	1.14%	0.095%
88	22.850	3359	3363	3371	rVB3	18981	34349	1.67%	0.139%
89	23.614	3488	3493	3497	rVB3	16043	30579	1.49%	0.124%
90	24.307	3599	3611	3628	rBV	711671	2054176	100.00%	8.335%
91	24.519	3636	3647	3662	rBV	633660	1834098	89.29%	7.442%
92	25.565	3818	3825	3831	rVB3	14902	35136	1.71%	0.143%
93	26.828	4036	4040	4041	rBV3	7982	10522	0.51%	0.043%
94	32.445	4992	4996	4998	rBV4	5197	8475	0.41%	0.034%

Sum of corrected areas: 24644937

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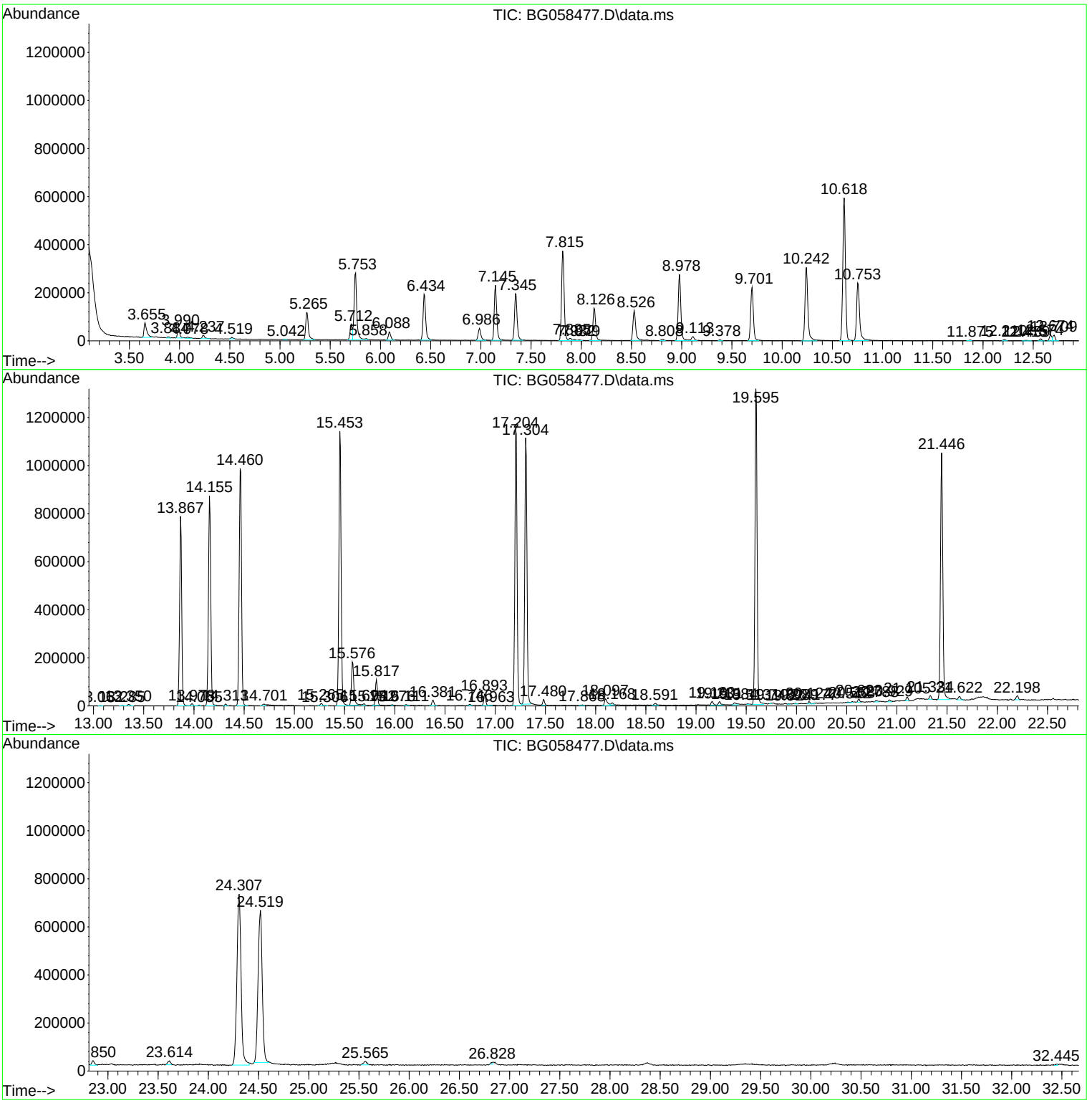
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

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\BG072523\
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Sample : 03553-16
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

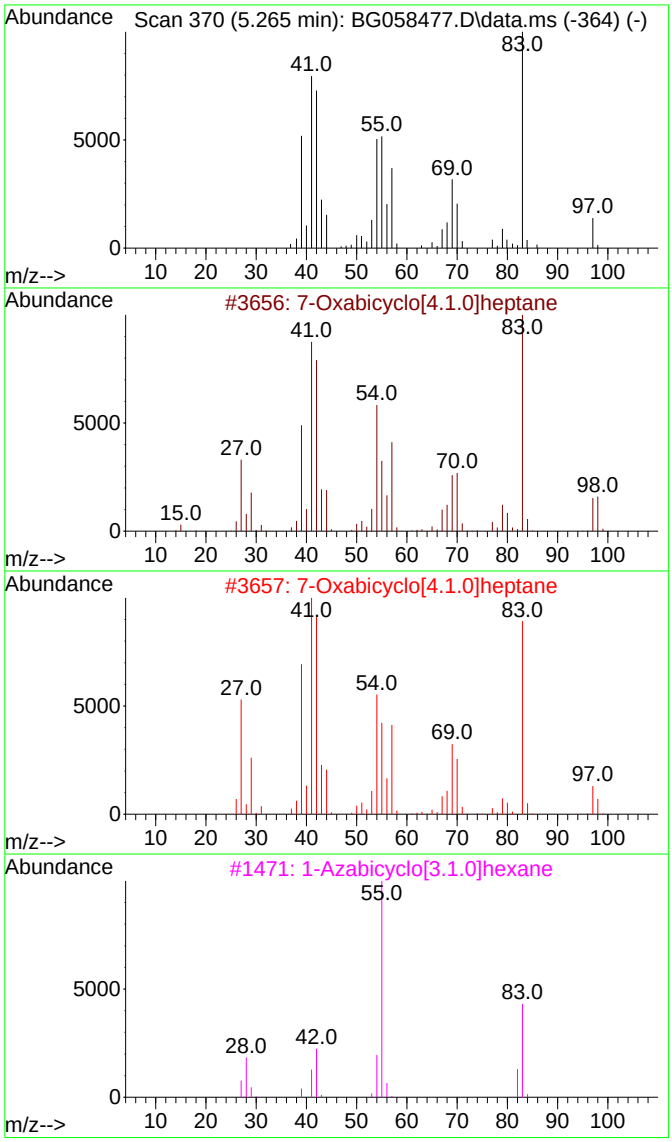
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

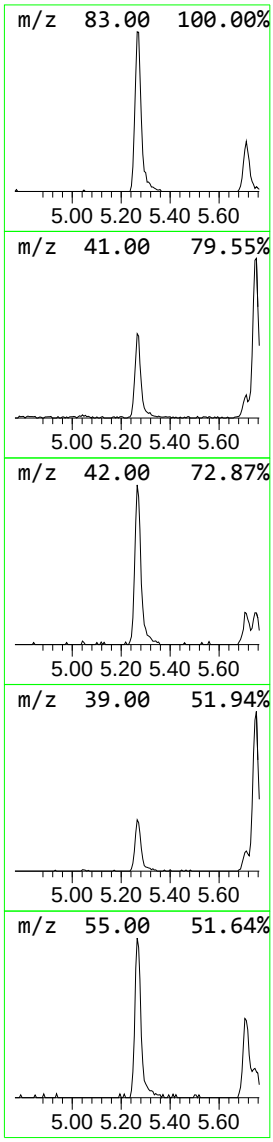
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 7-Oxabicyclo[4.1.0]heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.265	6.43 ng/ul	209901	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	78
2	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	72
3	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	53
4	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	47
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058477.D
Acq On : 26 Jul 2023 13:34
Operator : CG/JU
Sample : 03553-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

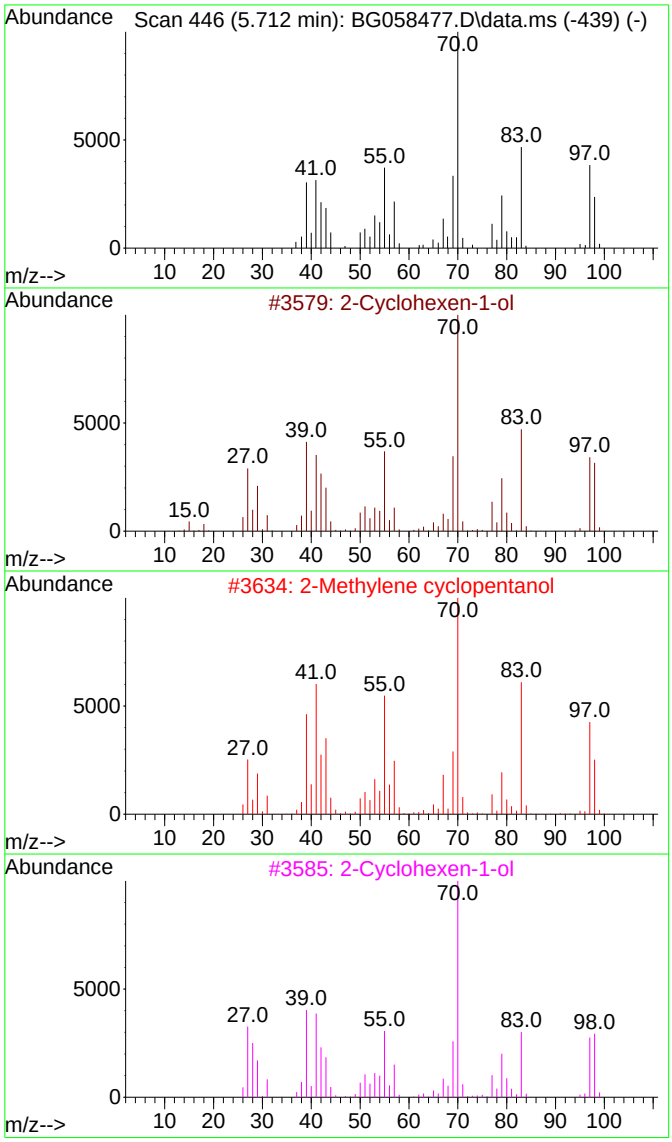
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

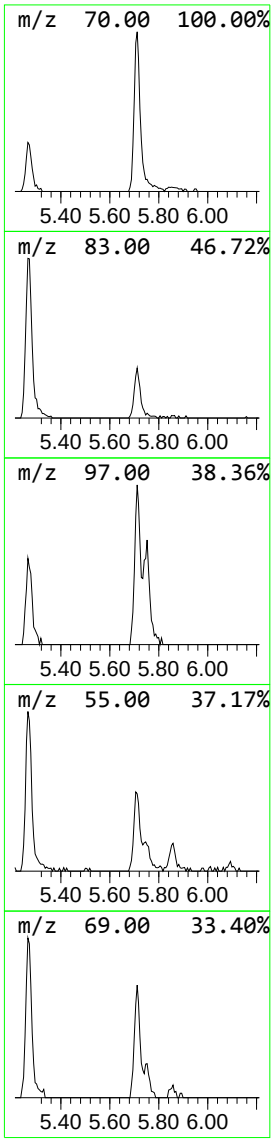
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Cyclohexen-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.712	3.26 ng/ul	106487	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	93
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	87
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	58
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	58
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058477.D
Acq On : 26 Jul 2023 13:34
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ALS Vial : 36 Sample Multiplier: 1

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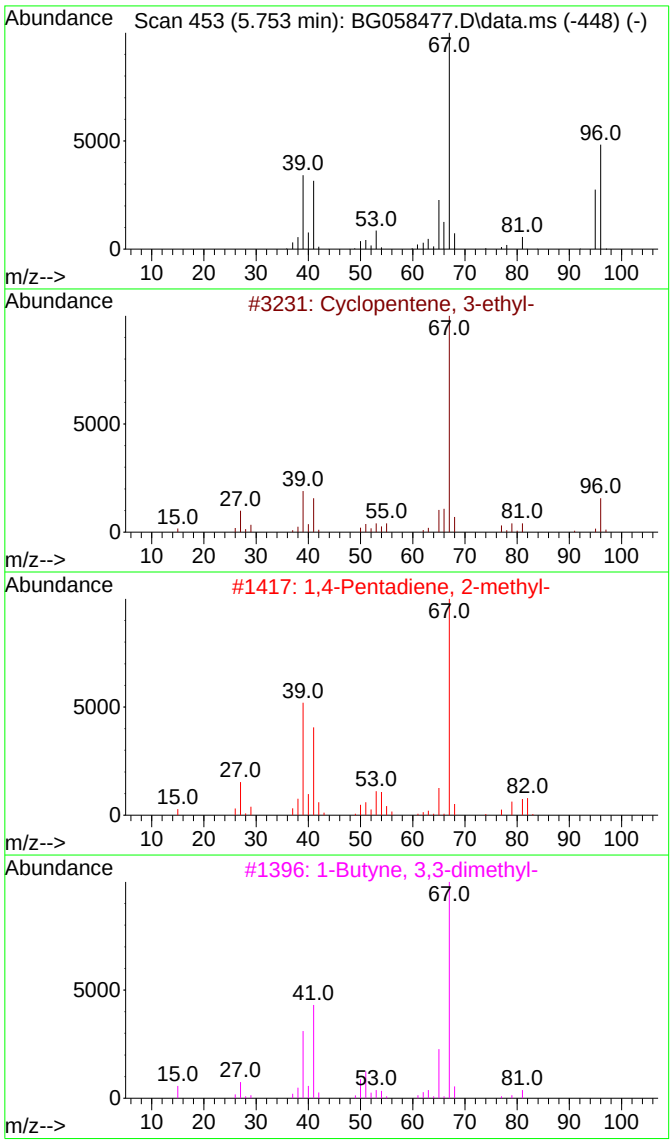
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

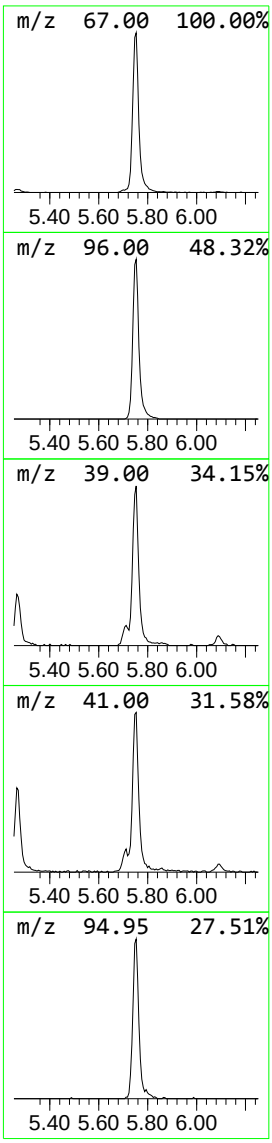
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentene, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.753	15.48 ng/ul	505548	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	50
2	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	38
3	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	38
4	2-Cyclopentene-1-methanol	98	C6H10O	013668-59-2	37
5	Cyclopentene	68	C5H8	000142-29-0	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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Acq On : 26 Jul 2023 13:34
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Sample : 03553-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

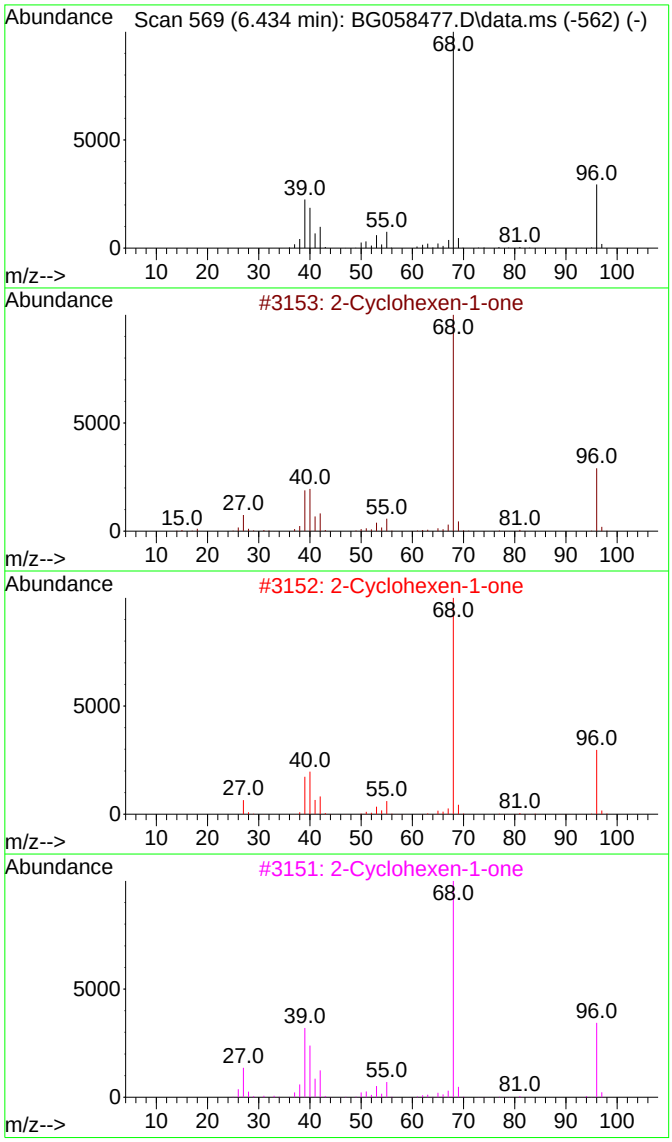
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

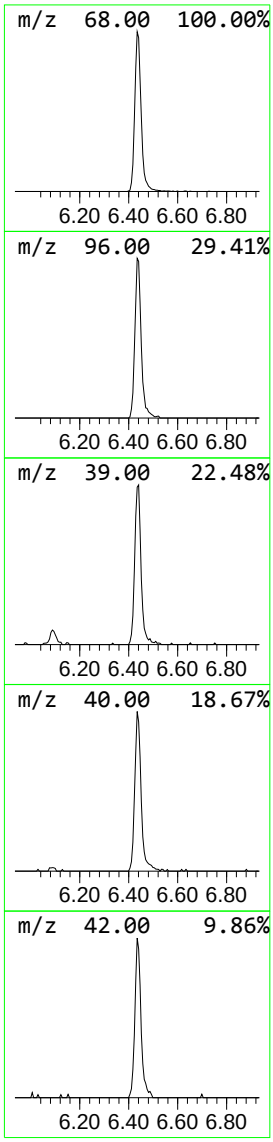
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Cyclohexen-1-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	10.55 ng/ul	344718	1,4-Dichlorobenzene-d4	7.815

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	But-1-ene-3-yne, 1-ethoxy-	96	C6H8O	002806-41-9	45





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Data File : BG058477.D
Acq On : 26 Jul 2023 13:34
Operator : CG/JU
Sample : 03553-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

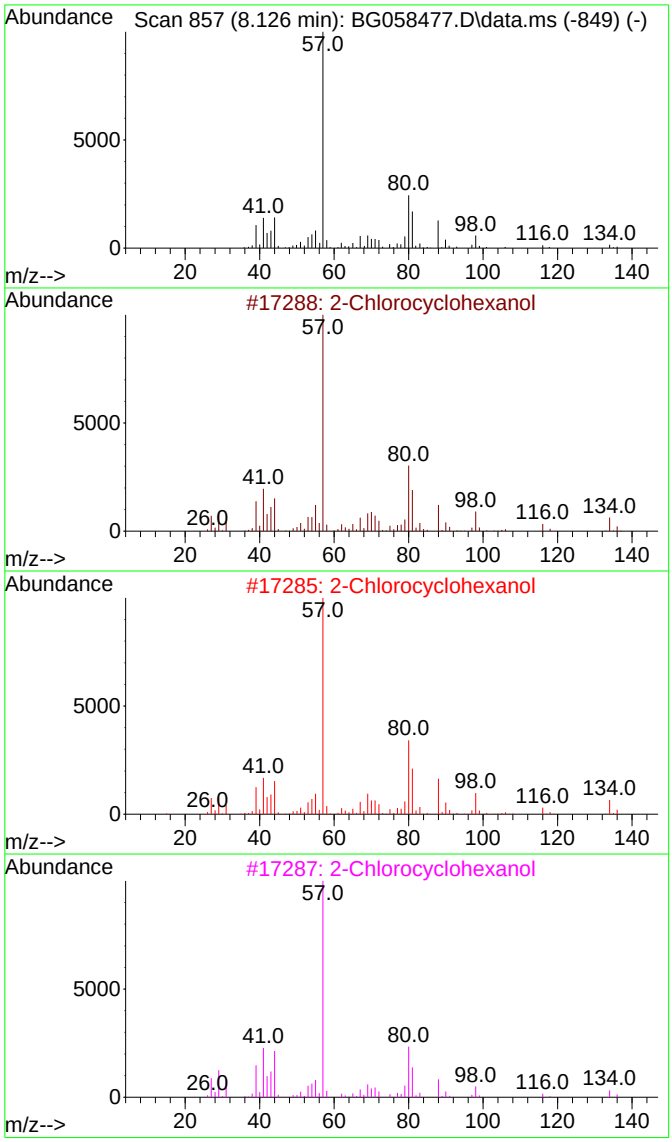
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

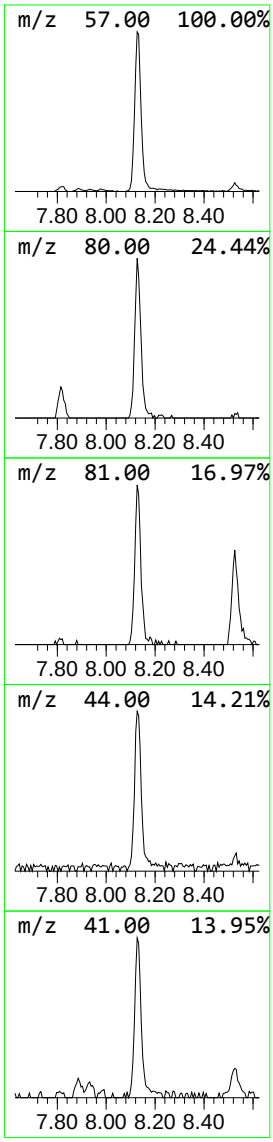
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Chlorocyclohexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.126	7.59 ng/ul	247818	1,4-Dichlorobenzene-d4	7.815

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	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	83
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058477.D
Acq On : 26 Jul 2023 13:34
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Z8

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
7-Oxabicyclo[4....	5.265	6.4	ng/ul	209901	1	7.815	653350	20.0
2-Cyclohexen-1-ol	5.712	3.3	ng/ul	106487	1	7.815	653350	20.0
Cyclopentene, 3...	5.753	15.5	ng/ul	505548	1	7.815	653350	20.0
2-Cyclohexen-1-one	6.434	10.6	ng/ul	344718	1	7.815	653350	20.0
2-Chlorocyclohe...	8.126	7.6	ng/ul	247818	1	7.815	653350	20.0