LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4633

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.155	5	11	48	rVB	4807047	10893485	100.00%	34.347%
2	3.766	110	115	121	rBV	9790	17986	0.17%	0.057%
3	3.995	149	154	163	rVB2	7213	12706	0.12%	0.040%
4	4.095	165	171	175	rVB3	7505	11848	0.11%	0.037%
5	4.342	208	213	222	rVB2	24223	40316	0.37%	0.127%
6	4.624	256	261	269	rVB2	31021	51578	0.47%	0.163%
7	5.364	381	387	392	rBV2	28653	48291	0.44%	0.152%
8	5.547	412	418	426	rBV	22026	52874	0.49%	0.167%
9	5.805	452	462	467	rBV2	153269	320192	2.94%	1.010%
10	5.917	476	481	486	rBV4	10091	17586	0.16%	0.055%
11	6.181	520	526	536	rVB	51937	89414	0.82%	0.282%
12	6.528	578	585	604	rBV	383120	676864	6.21%	2.134%
13	7.068	669	677	690	rBV	232617	427165	3.92%	1.347%
14	7.233	698	705	720	rVB	185949	315758	2.90%	0.996%
15	7.438	733	740	750	rBV	221086	417463	3.83%	1.316%
16	7.521	750	754	763	rVB5	7602	15225	0.14%	0.048%
17	7.621	763	771	785	rBV	11603	31043	0.28%	0.098%
18	7.903	808	819	826	rBV	155162	263541	2.42%	0.831%
19	7.973	826	831	836	rBV2	23592	40730	0.37%	0.128%
20	8.079	843	849	856	rVB2	45499	83321	0.76%	0.263%
21	8.155	856	862	867	rVV2	65723	115163	1.06%	0.363%
22	8.220	867	873	886	rVV	888032	1571404	14.43%	4.955%
23	8.443	906	911	916	rBV2	33337	50609	0.46%	0.160%
24	8.608	931	939	946	rVV	265946	511370	4.69%	1.612%
25	8.666	946	949	954	rVV2	29953	53198	0.49%	0.168%
26	8.731	954	960	972	rVB3	33454	78075	0.72%	0.246%
27	8.896	982	988	999	rVB	45719	89360	0.82%	0.282%
28	9.066	1010	1017	1026	rVV	219753	405987	3.73%	1.280%
29	9.160	1026	1033	1035	rVV3	9321	18172	0.17%	0.057%
30	9.201	1035	1040	1051	rVB2	21552	40154	0.37%	0.127%
31	9.742	1124	1132	1133	rBV3	7076	12327	0.11%	0.039%
32	9.789	1133	1140	1152	rVB	179910	335917	3.08%	1.059%
33	9.953	1163	1168	1178	rBV8	7331	15930	0.15%	0.050%
34	10.088	1183	1191	1198	rBV4	52705	134397	1.23%	0.424%
35	10.329	1224	1232	1249	rVB	276329	569929	5.23%	1.797%
36	10.705	1283	1296	1304	rBV	240689	447527	4.11%	1.411%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

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-BG070123.MA.M
Title : SVOA CALIBRATION

37	10.840	1311	1319	1334	rBV	142113	291777	2.68%	0.920%
38	11.516	1426	1434	1444	rVB7	7297	17784	0.16%	0.056%
39	12.221	1549	1554	1559	rVB	15948	23192	0.21%	0.073%
40	12.656	1623	1628	1633	rBV2	13889	22593	0.21%	0.071%
41	12.762	1639	1646	1648	rBV2	7364	13744	0.13%	0.043%
42	12.785	1648	1650	1657	rVB4	7908	11693	0.11%	0.037%
43	13.355	1743	1747	1752	rVB	11004	15097	0.14%	0.048%
44	13.943	1841	1847	1858	rBV	552692	804957	7.39%	2.538%
45	14.178	1880	1887	1891	rBV2	37626	67462	0.62%	0.213%
46	14.236	1891	1897	1905	rVB	640049	1017846	9.34%	3.209%
47	14.542	1942	1949	1958	rBV	403408	635402	5.83%	2.003%
48	14.742	1976	1983	2002	rBV	172237	376180	3.45%	1.186%
49	14.889	2004	2008	2013	rVB5	12797	17989	0.17%	0.057%
50	15.535	2111	2118	2126	rBV	799881	1254327	11.51%	3.955%
51	15.652	2131	2138	2150	rVV	234532	377896	3.47%	1.191%
52	16.075	2204	2210	2218	rBV4	15212	33112	0.30%	0.104%
53	16.816	2331	2336	2341	rBV5	8557	12489	0.11%	0.039%
54	16.974	2357	2363	2368	rVB	119859	169967	1.56%	0.536%
55	17.286	2409	2416	2426	rBV	536417	818199	7.51%	2.580%
56	17.386	2426	2433	2441	rBV2	867900	1312906	12.05%	4.140%
57	17.944	2524	2528	2537	rVB	31427	41077	0.38%	0.130%
58	18.173	2562	2567	2576	rBV6	11555	26324	0.24%	0.083%
59	18.719	2655	2660	2662	rBV	9625	11870	0.11%	0.037%
60	18.972	2699	2703	2709	rVB2	12083	16749	0.15%	0.053%
61	19.113	2724	2727	2731	rBV	29698	32183	0.30%	0.101%
62	19.242	2742	2749	2757	rBV7	25460	48276	0.44%	0.152%
63	19.677	2815	2823	2836	rBV	1018809	1596023	14.65%	5.032%
64	19.900	2858	2861	2865	rVB2	10397	12285	0.11%	0.039%
65	20.694	2992	2996	2999	rBV4	12572	17713	0.16%	0.056%
66	20.911	3030	3033	3037	rVB3	11283	13786	0.13%	0.043%
67	20.987	3043	3046	3052	rVB2	19237	27207	0.25%	0.086%
68	21.269	3090	3094	3101	rVB	13639	23651	0.22%	0.075%
69	21.422	3116	3120	3126	rVB	47544	62676	0.58%	0.198%
70	21.534	3133	3139	3151	rBV2	498868	866002	7.95%	2.730%
71	21.651	3155	3159	3163	rBV6	11481	18768	0.17%	0.059%
72	21.716	3168	3170	3176	rVB3	17856	23841	0.22%	0.075%
73	22.309	3267	3271	3277	rVB3	20720	33832	0.31%	0.107%
74	22.961	3376	3382	3395	rBV2	192818	410036	3.76%	1.293%
75	23.761	3512	3518	3525	rBV3	29041	64686	0.59%	0.204%
76	24.466	3627	3638	3651	rBV2	586588	1614686	14.82%	5.091%

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Instrument :
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ClientSampleId :
A4633

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	24.683	3664	3675	3688	rVB	357518	1002395	9.20%	3.161%
78	25.770	3855	3860	3870	rVB5	30745	85892	0.79%	0.271%
79	27.086	4078	4084	4096	rVB6	29200	94576	0.87%	0.298%

Sum of corrected areas: 31716051

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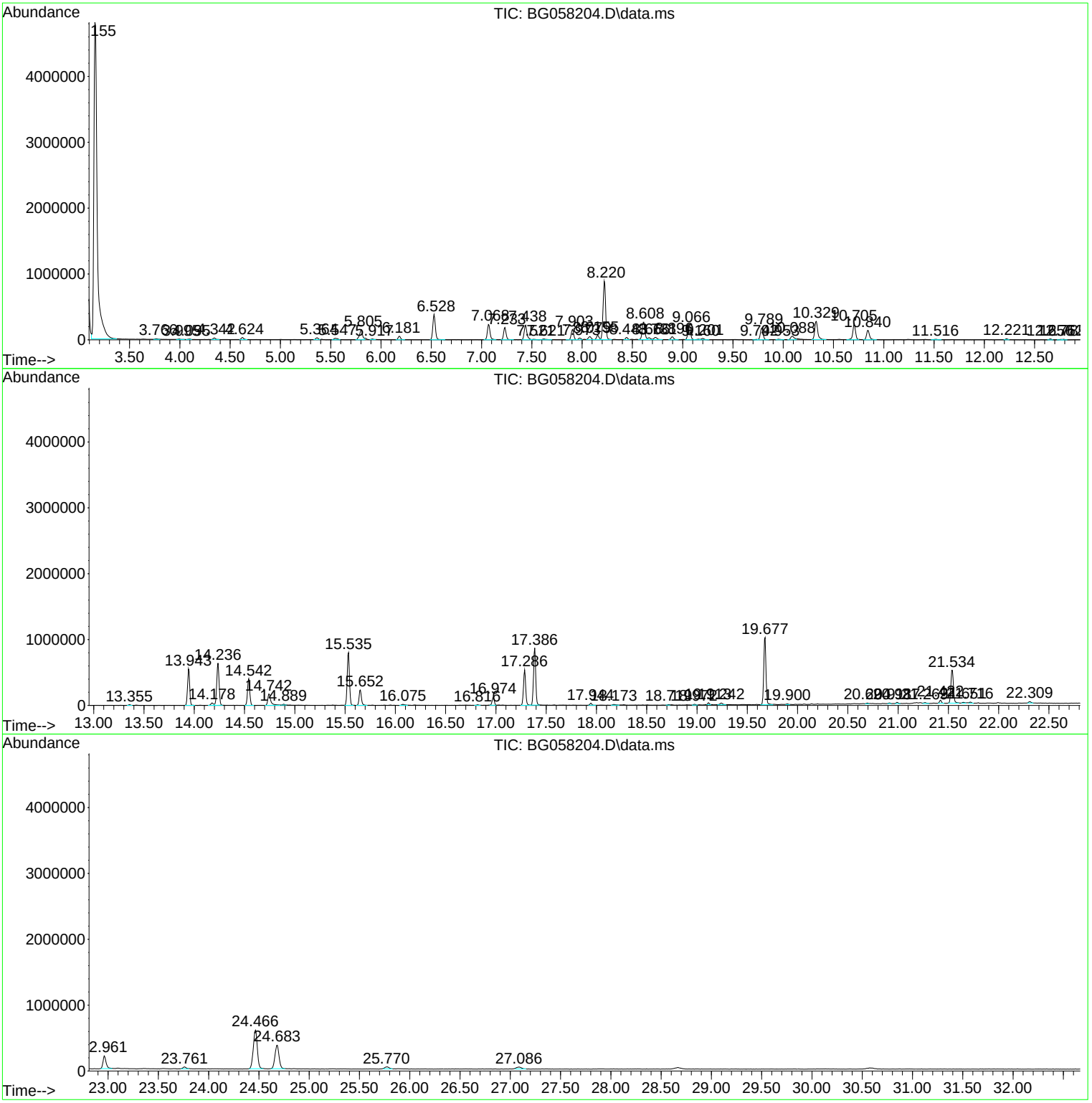
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

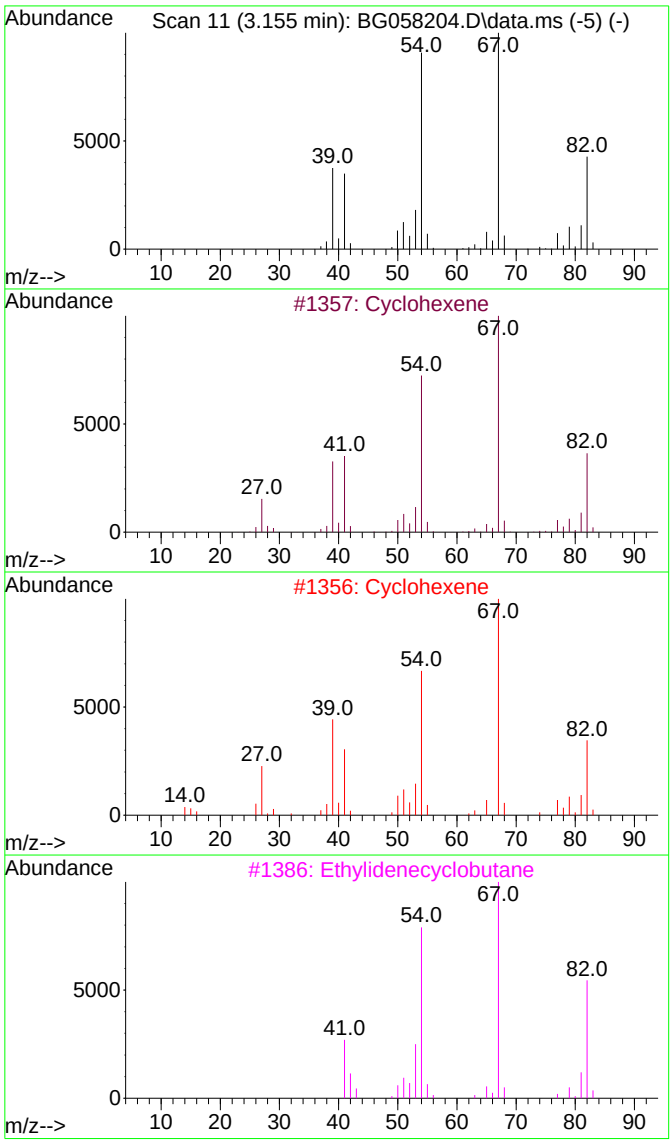
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

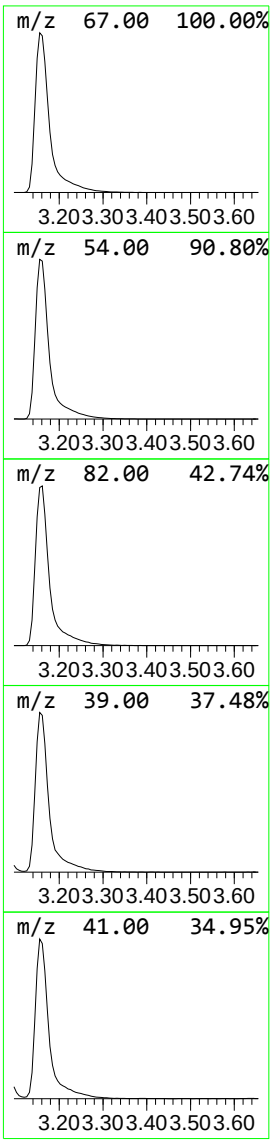
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	826.70 ng/ul	10893500	1,4-Dichlorobenzene-d4	7.903

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	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
4	Cyclohexene	82	C6H10	000110-83-8	91
5	Cyclohexene	82	C6H10	000110-83-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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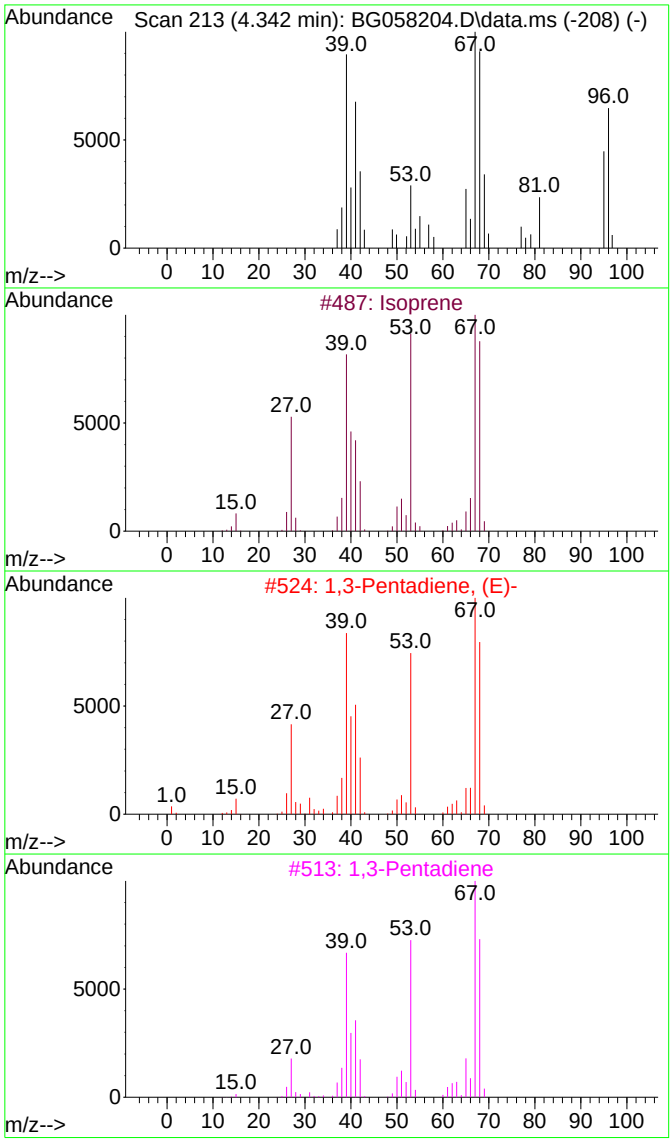
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

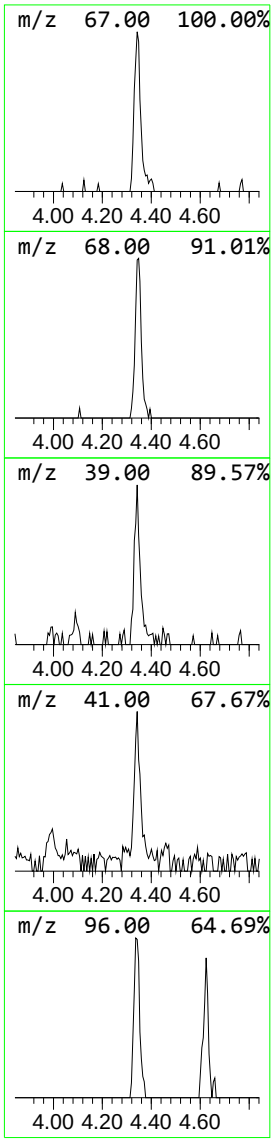
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Isoprene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.342	3.06 ng/ul	40316	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoprene	68	C5H8	000078-79-5	72
2	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	72
3	1,3-Pentadiene	68	C5H8	000504-60-9	72
4	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	72
5	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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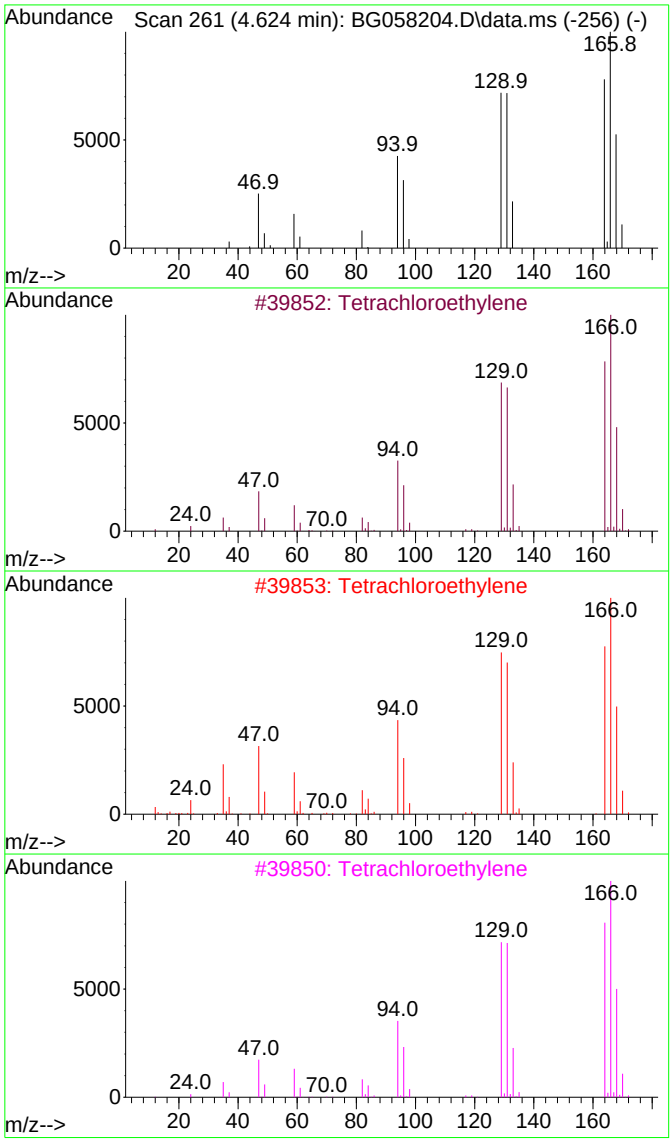
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

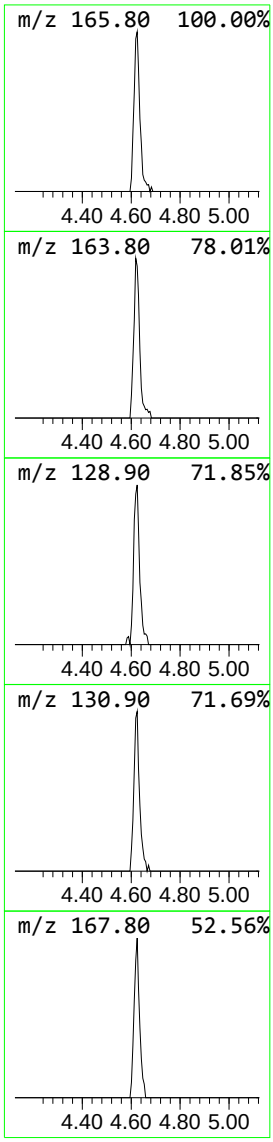
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.624	3.91 ng/ul	51578	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
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Sample : 03414-18
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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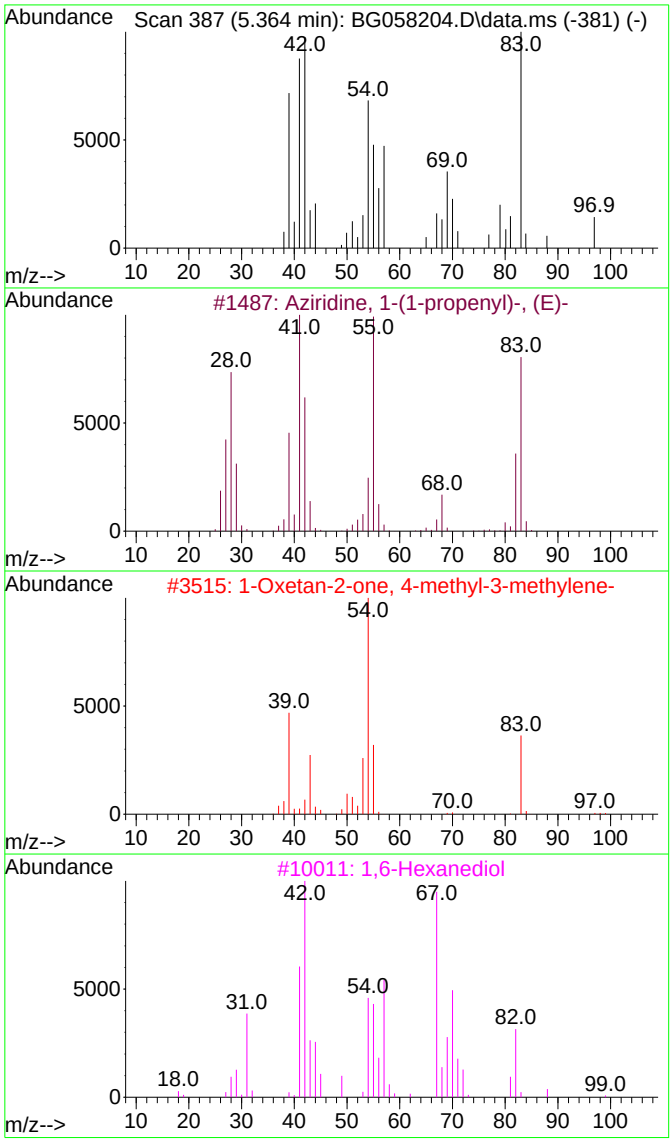
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

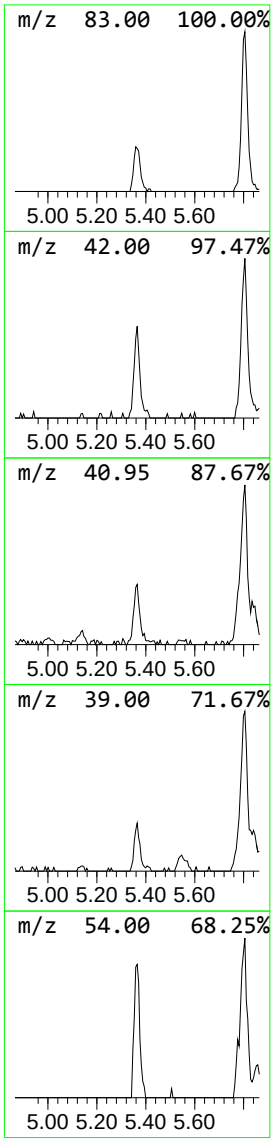
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.364	3.66 ng/ul	48291	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	40
2	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	32
3	1,6-Hexanediol	118	C6H14O2	000629-11-8	25
4	Allyl methallyl ether	112	C7H12O	014289-96-4	14
5	3,3-Dimethylacryloyl chloride	118	C5H7ClO	003350-78-5	10





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Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

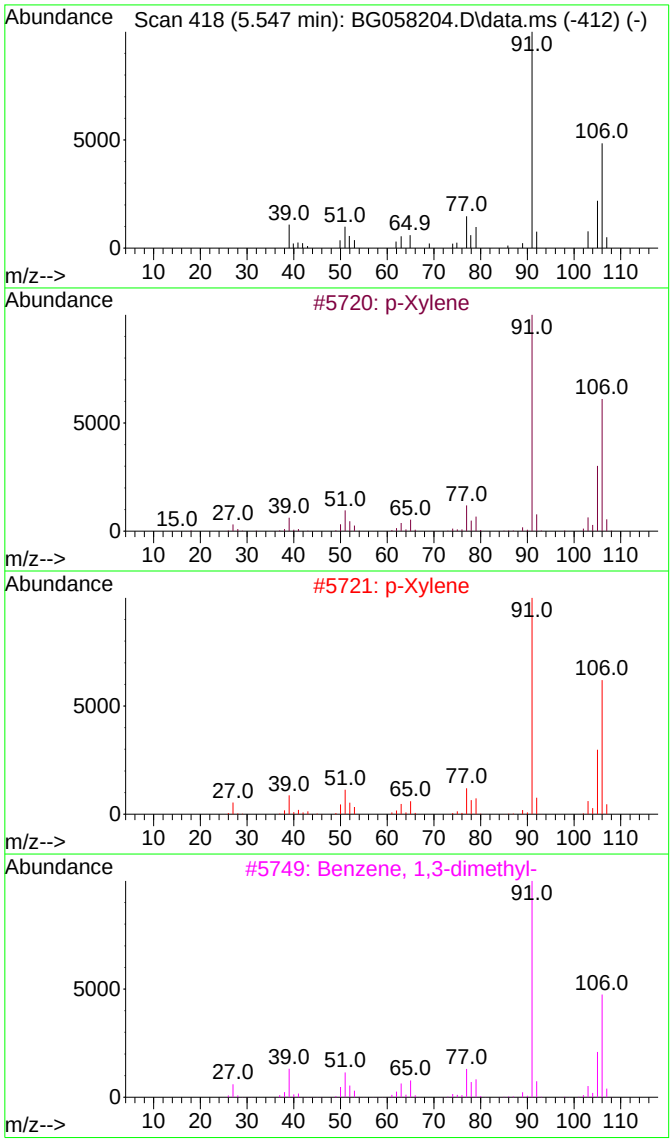
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

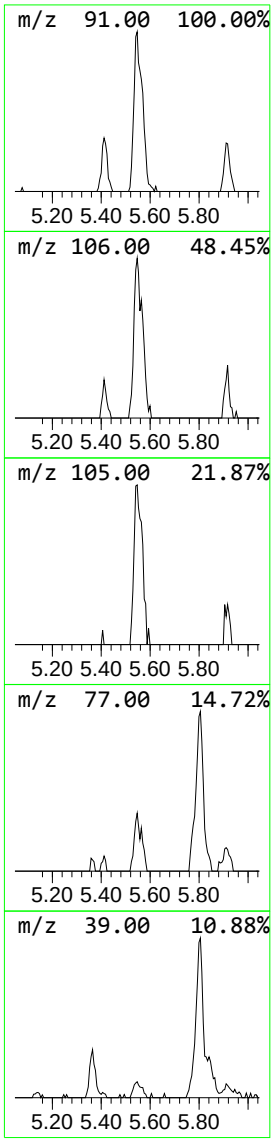
****

Peak Number 5 p-Xylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.547	4.01 ng/ul	52874	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
4	p-Xylene	106	C8H10	000106-42-3	91
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91





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Data File : BG058204.D
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Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

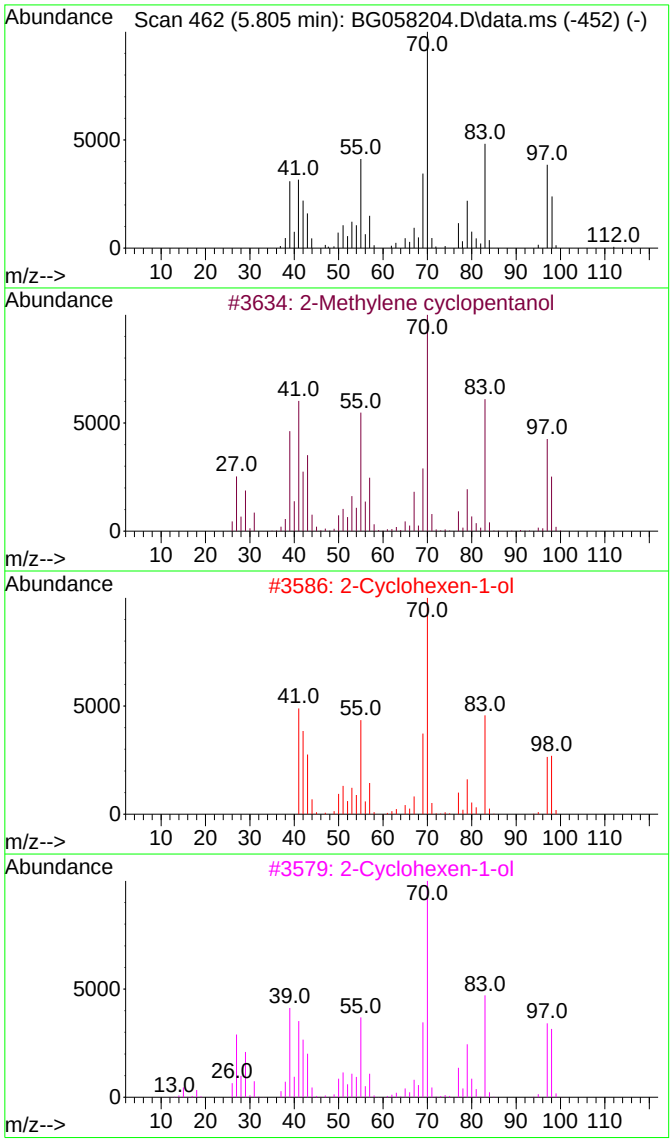
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

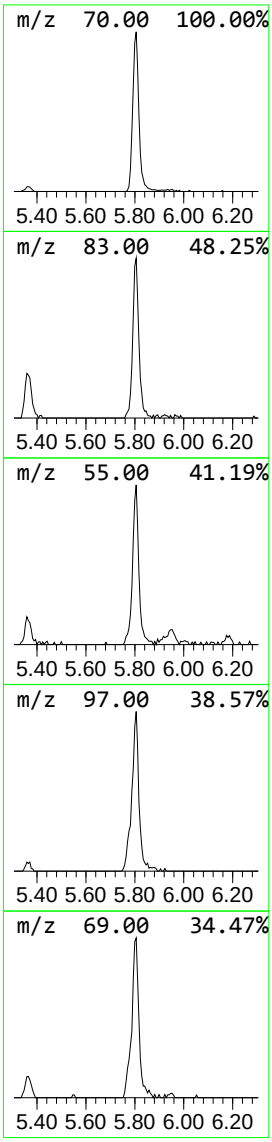
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylene cyclopentanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.805	24.30 ng/ul	320192	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	87
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	81
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	70
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
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Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

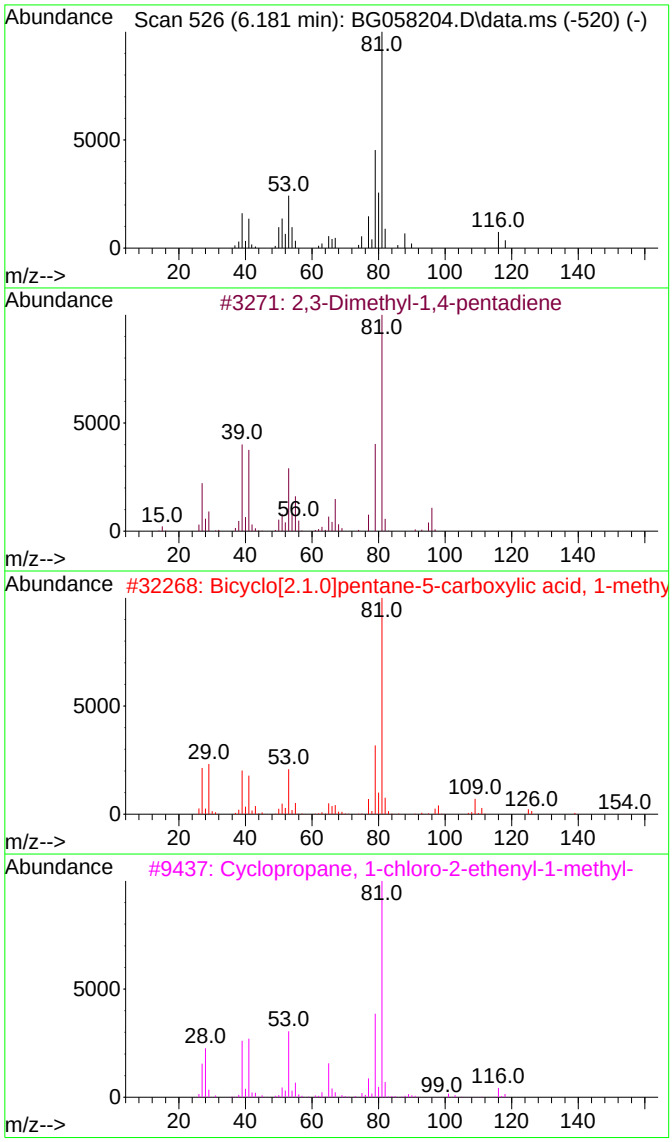
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

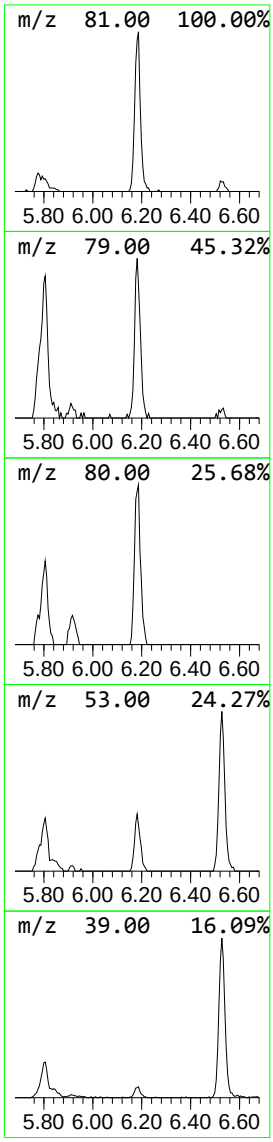
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3-Dimethyl-1,4-pentadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	6.79 ng/ul	89414	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	64
2	Bicyclo[2.1.0]pentane-5-carboxyl...	154	C9H14O2	074810-55-2	64
3	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	64
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	59
5	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	50





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Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

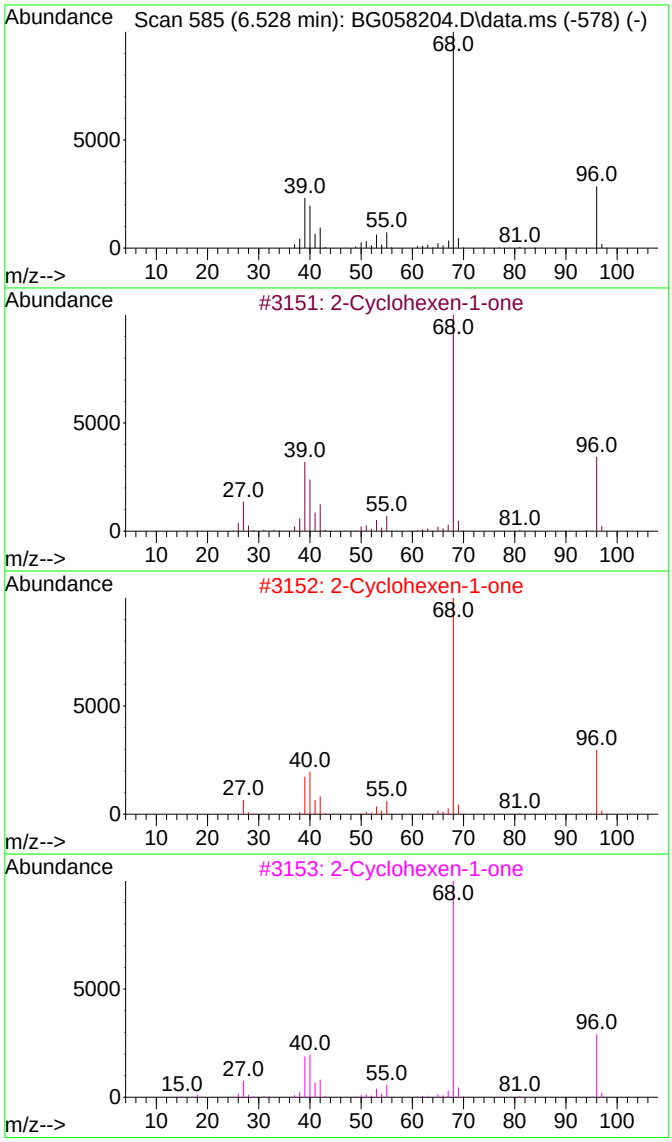
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

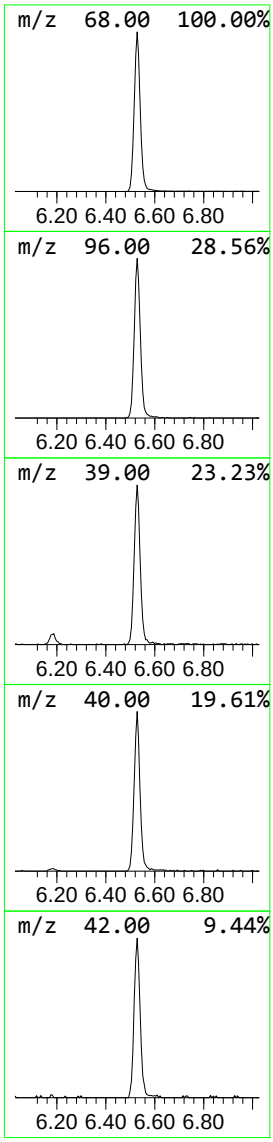
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	51.37 ng/ul	676864	1,4-Dichlorobenzene-d4	7.903

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	7-Oxabicyclo[2.2.1]hept-5-en-2-one	110	C6H6O2	095530-78-2	36





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Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

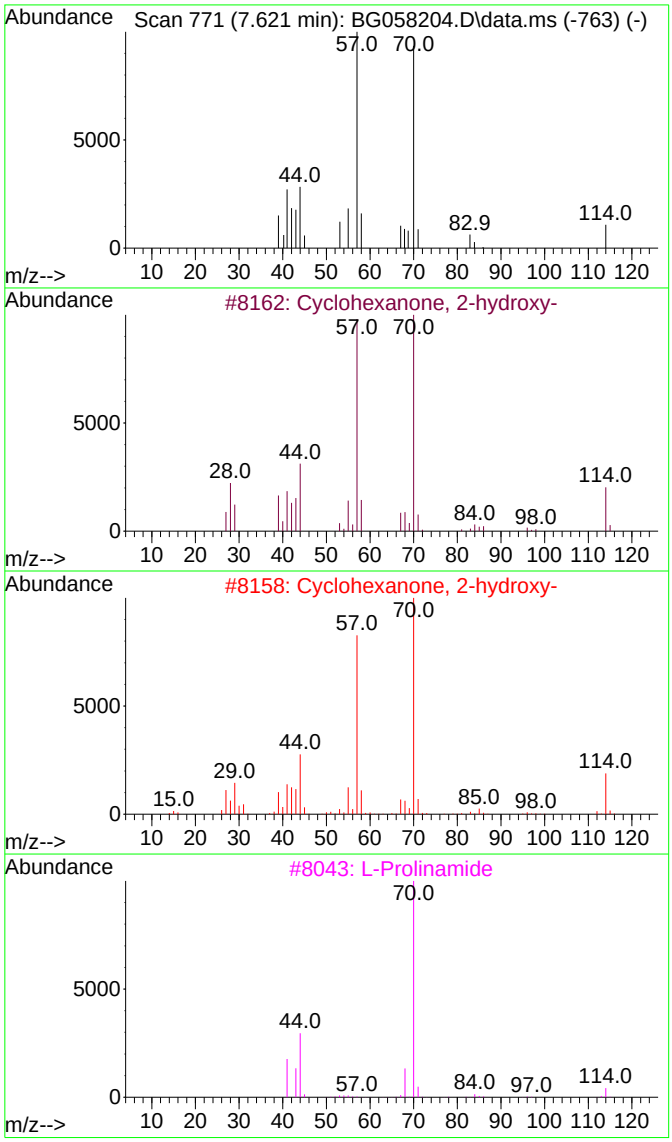
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

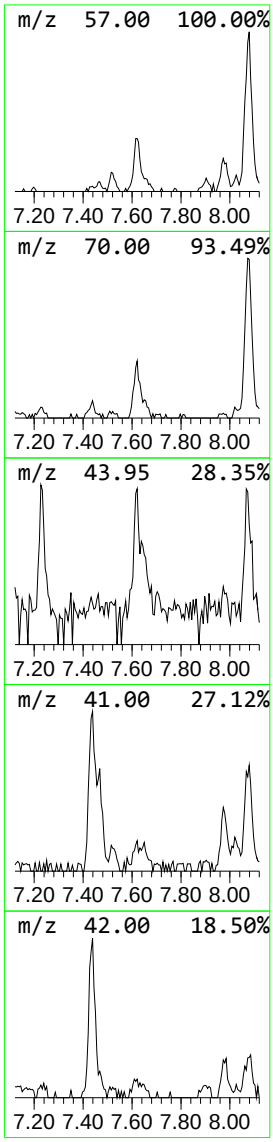
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 2-hydroxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.621	2.36 ng/ul	31043	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	86
2	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	78
3	L-Prolinamide	114	C5H10N2O	007531-52-4	49
4	4-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-5	40
5	1,2,3-Cyclohexanetriol	132	C6H12O3	006286-43-7	38





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Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

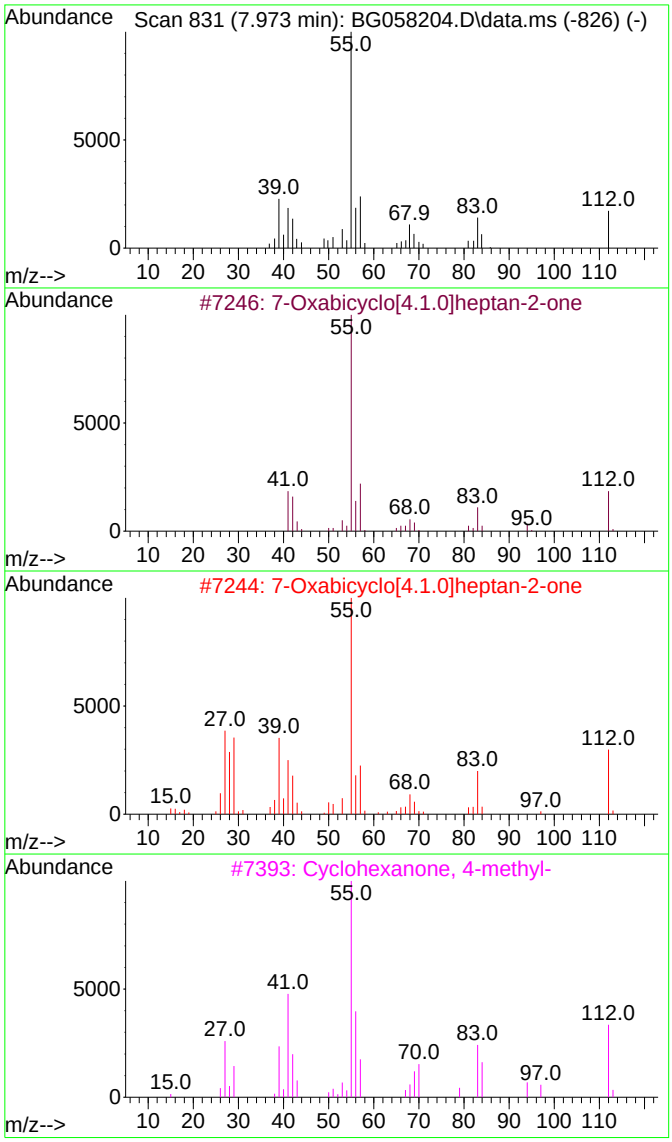
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

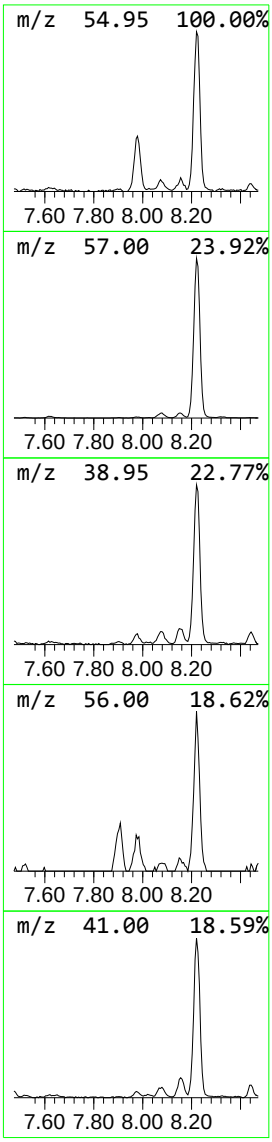
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.973	3.09 ng/ul	40730	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	91
2	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	59
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	53
4	4-Octene, (E)-	112	C8H16	014850-23-8	47
5	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	47





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Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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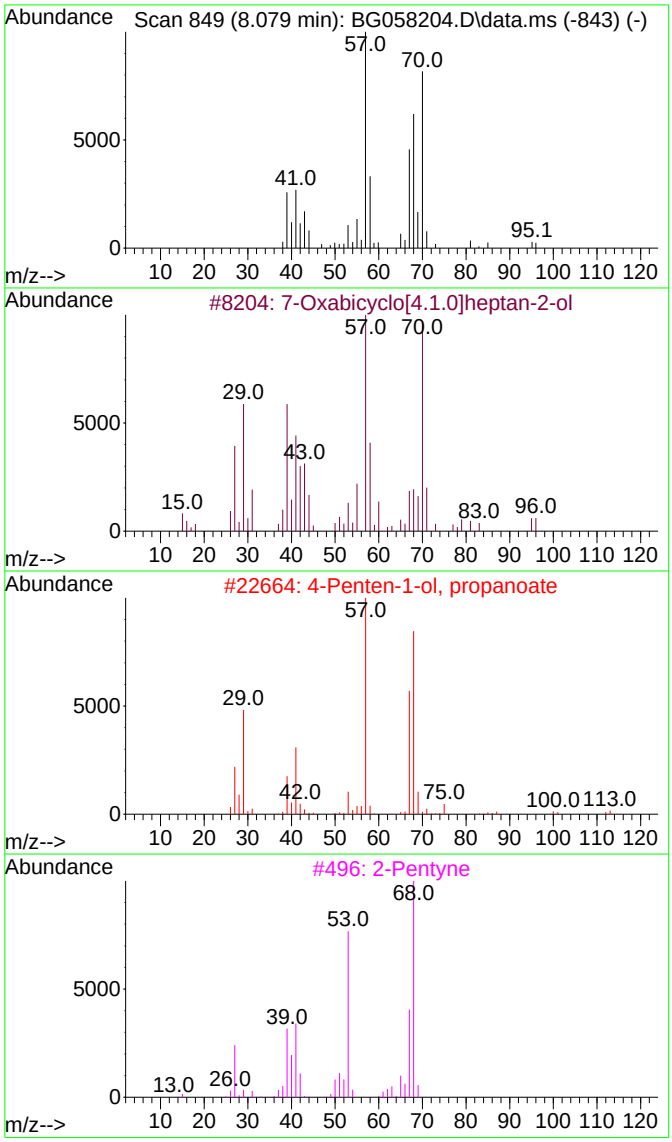
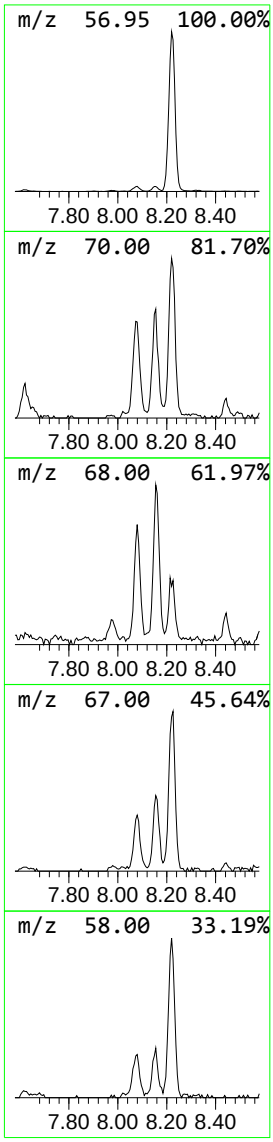
Peak Number 11 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.079	6.32 ng/ul	83321	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	30
2	4-Penten-1-ol, propanoate	142	C8H14O2	030563-30-5	23
3	2-Pentyne	68	C5H8	000627-21-4	18
4	Butanoic acid, 4-pentenyl ester	156	C9H16O2	030563-31-6	17
5	6-Azabicyclo[3,2,0]heptan-7-one	111	C6H9NO	1000144-05-1	16





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Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

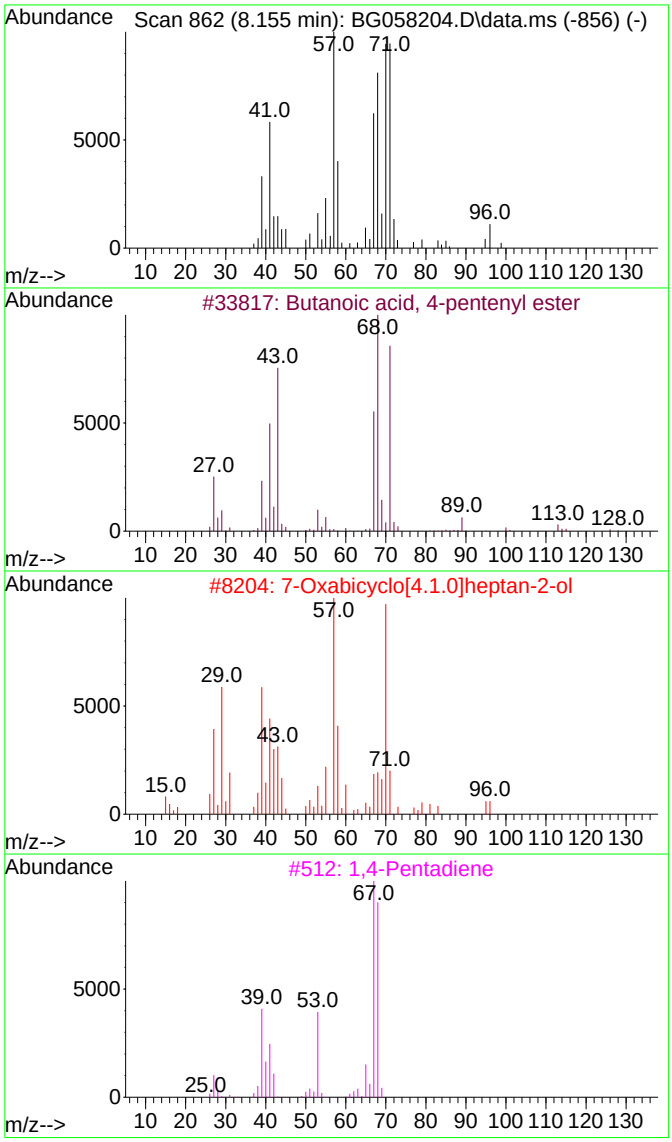
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

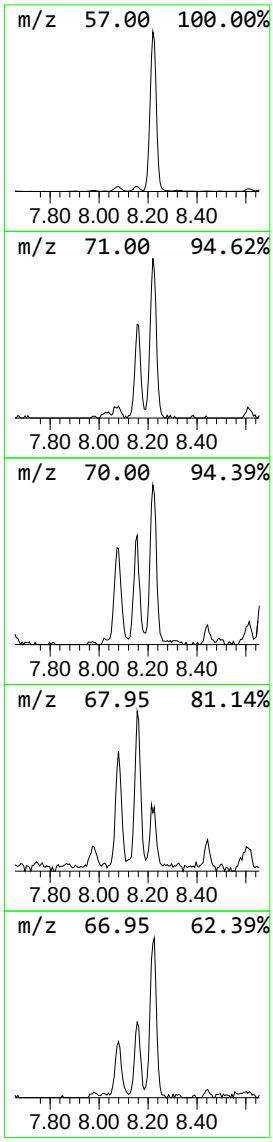
****

Peak Number 12 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.155	8.74 ng/ul	115163	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-pentenyl ester	156	C9H16O2	030563-31-6	37
2	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	32
3	1,4-Pentadiene	68	C5H8	000591-93-5	20
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	17
5	Cyclohexylmethyl S-2-(dimethylam...	307	C14H30NO2PS	1000298-43-5	12





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Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

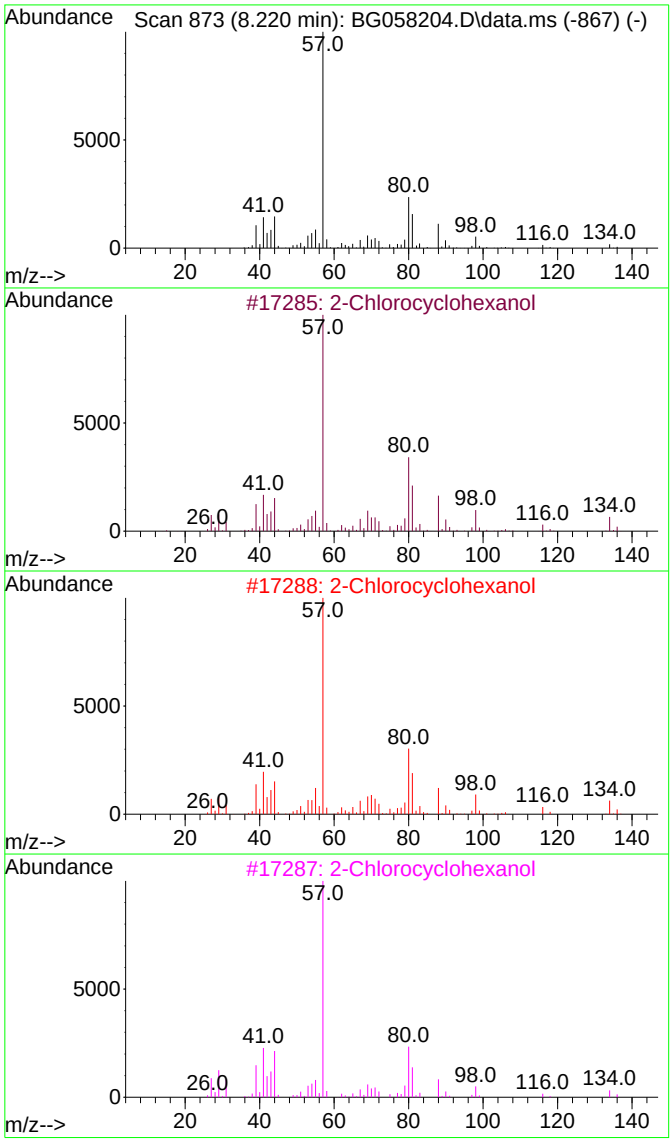
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

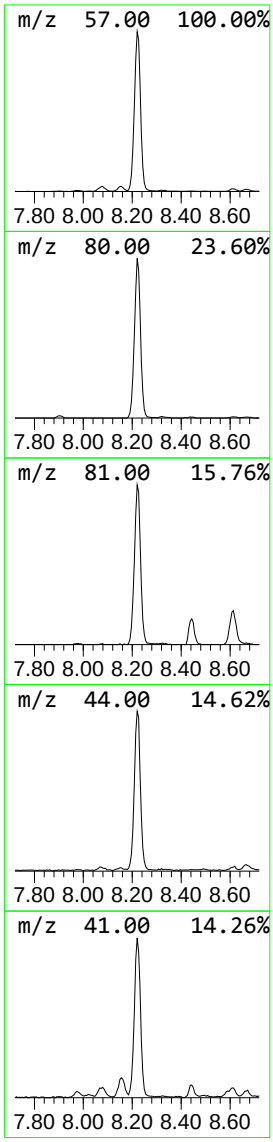
****

Peak Number 13 2-Chlorocyclohexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	119.25 ng/ul	1571400	1,4-Dichlorobenzene-d4	7.903

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	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	64
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	43





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Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

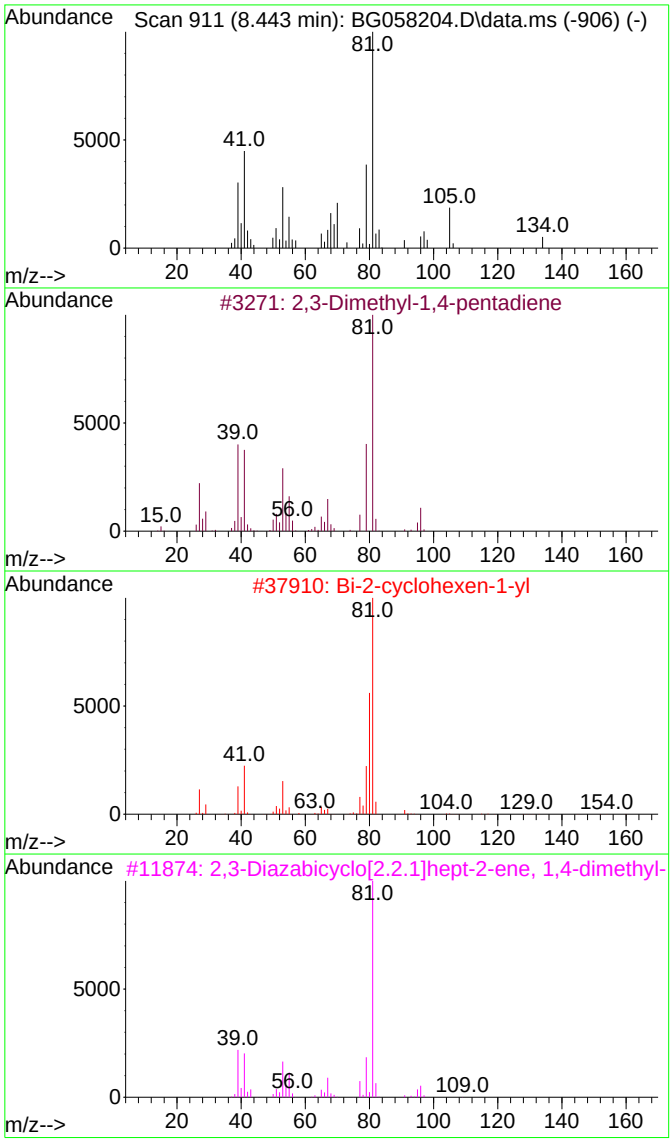
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

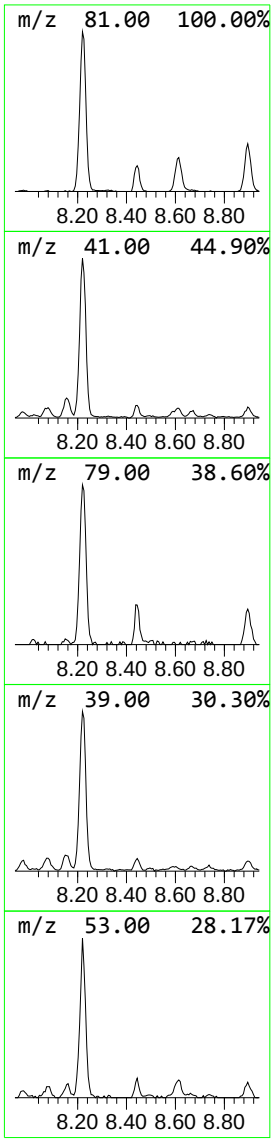
****

Peak Number 14 Bi-2-cyclohexen-1-yl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.443	3.84 ng/ul	50609	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	59
2	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	50
3	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	47
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	45
5	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	45





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Acq On : 13 Jul 2023 18:44
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Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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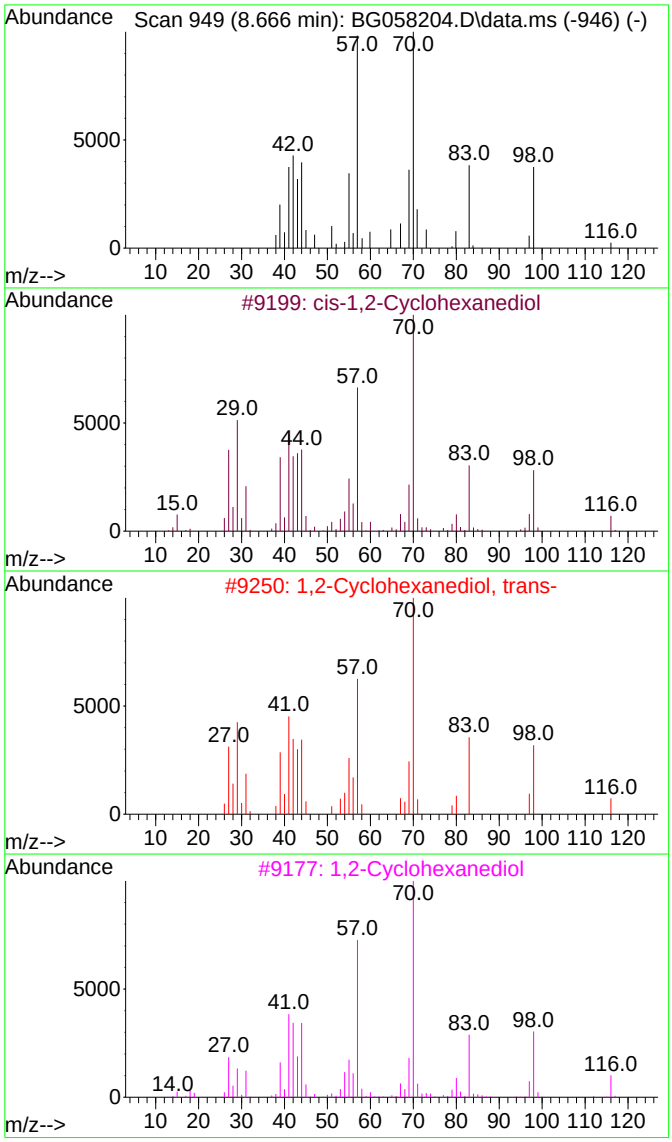
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

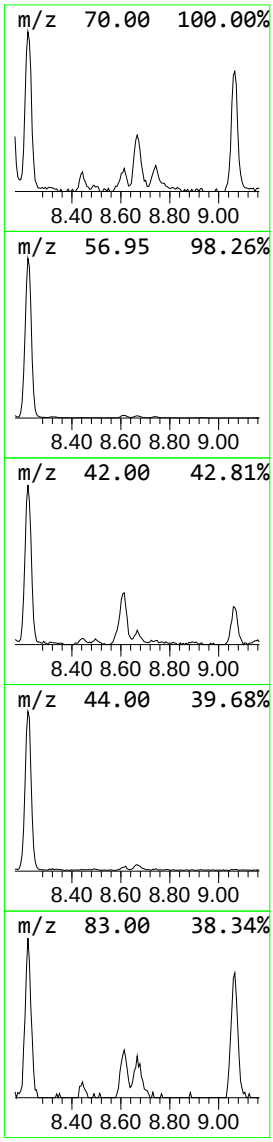
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 cis-1,2-Cyclohexanediol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.666	4.04 ng/ul	53198	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1,2-Cyclohexanediol	116	C6H12O2	001792-81-0	72
2	1,2-Cyclohexanediol, trans-	116	C6H12O2	001460-57-7	64
3	1,2-Cyclohexanediol	116	C6H12O2	000931-17-9	64
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	59
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50





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Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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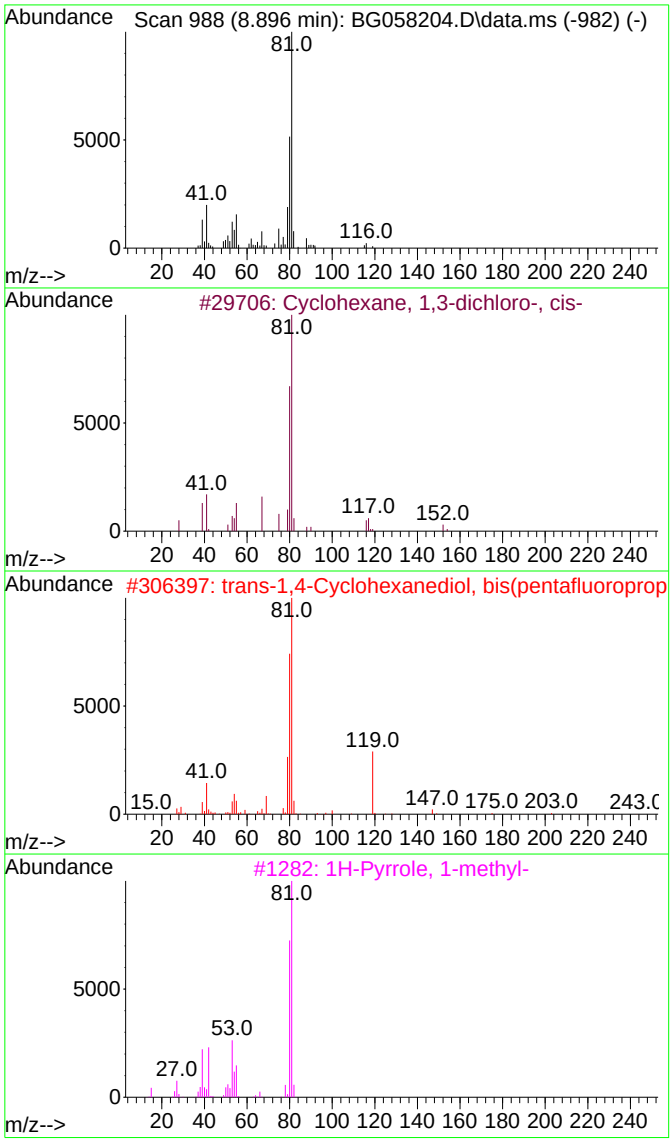
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

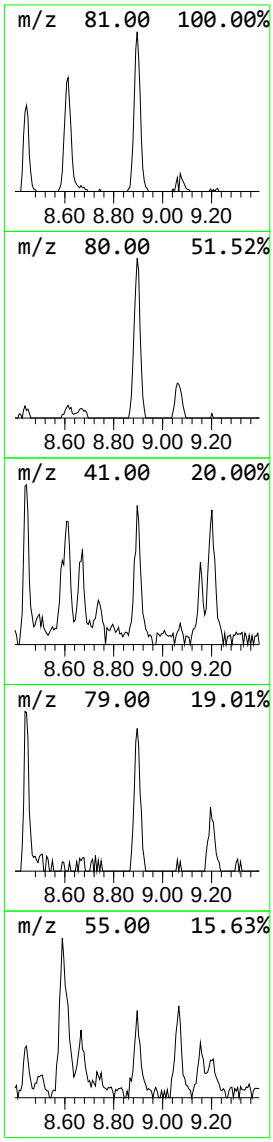
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, 1,3-dichloro-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.896	6.78 ng/ul	89360	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	78
2	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	72
3	1H-Pyrrole, 1-methyl-	81	C5H7N	000096-54-8	59
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	56
5	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	56





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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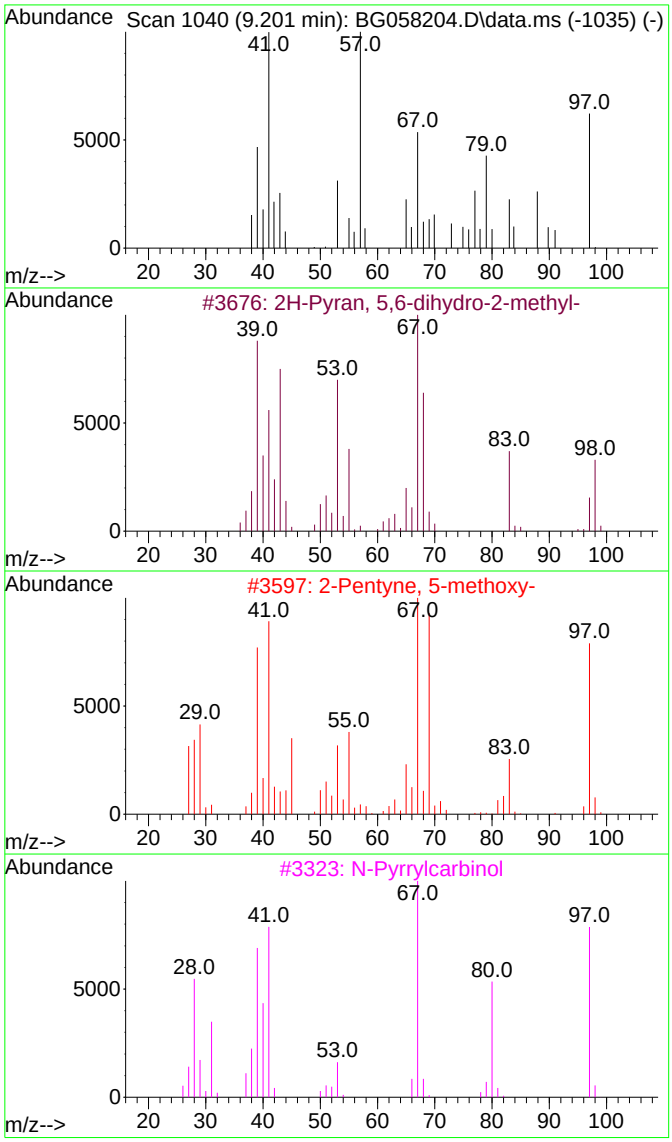
Quant Title : SVOA CALIBRATION

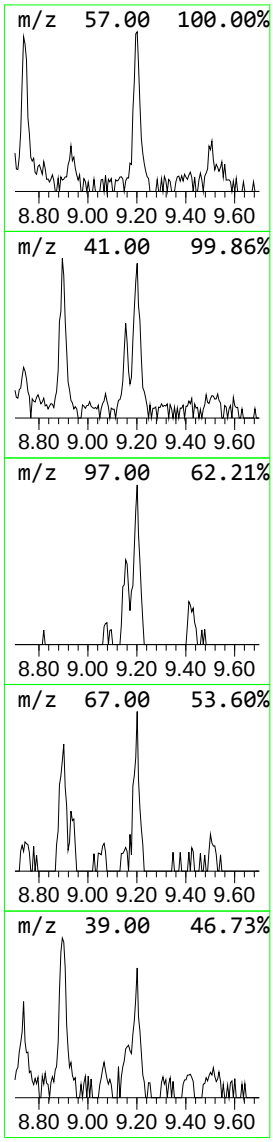
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.201	3.05 ng/ul	40154	1,4-Dichlorobenzene-d4	7.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 5,6-dihydro-2-methyl-	98	C6H10O	055230-25-6	22
2	2-Pentyne, 5-methoxy-	98	C6H10O	062108-18-3	17
3	N-Pyrrylcarbinol	97	C5H7NO	092776-61-9	16
4	2-Heptyne, 7-chloro-	130	C7H11Cl	070396-13-3	14
5	5,10-Dioxatricyclo[7.1.0.0(4,6)]...	140	C8H12O2	000286-75-9	12





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Quant Title : SVOA CALIBRATION

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

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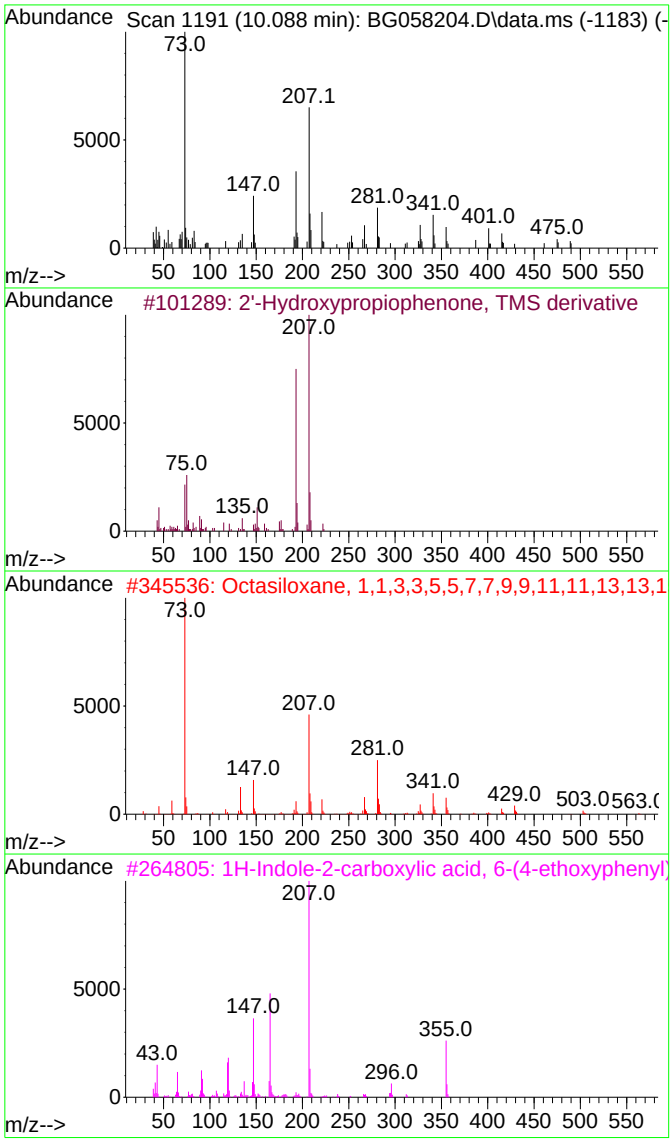
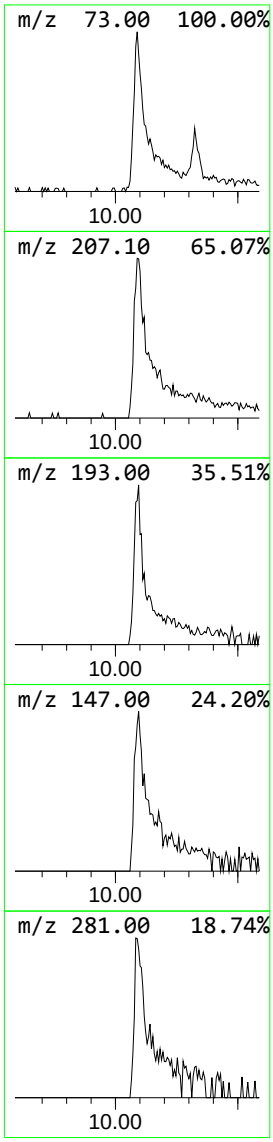
Peak Number 18 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.088	6.01 ng/ul	134397	Naphthalene-d8	10.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Hydroxypropiophenone, TMS der...	222	C12H18O2Si	033342-87-9	38
2	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	35
3	1H-Indole-2-carboxylic acid, 6-(...	355	C21H25NO4	1010316-17-5	35
4	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	35
5	5,5'-Di(ethoxycarbonyl)-3,3'-dim...	402	C23H34N2O4	102586-97-0	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

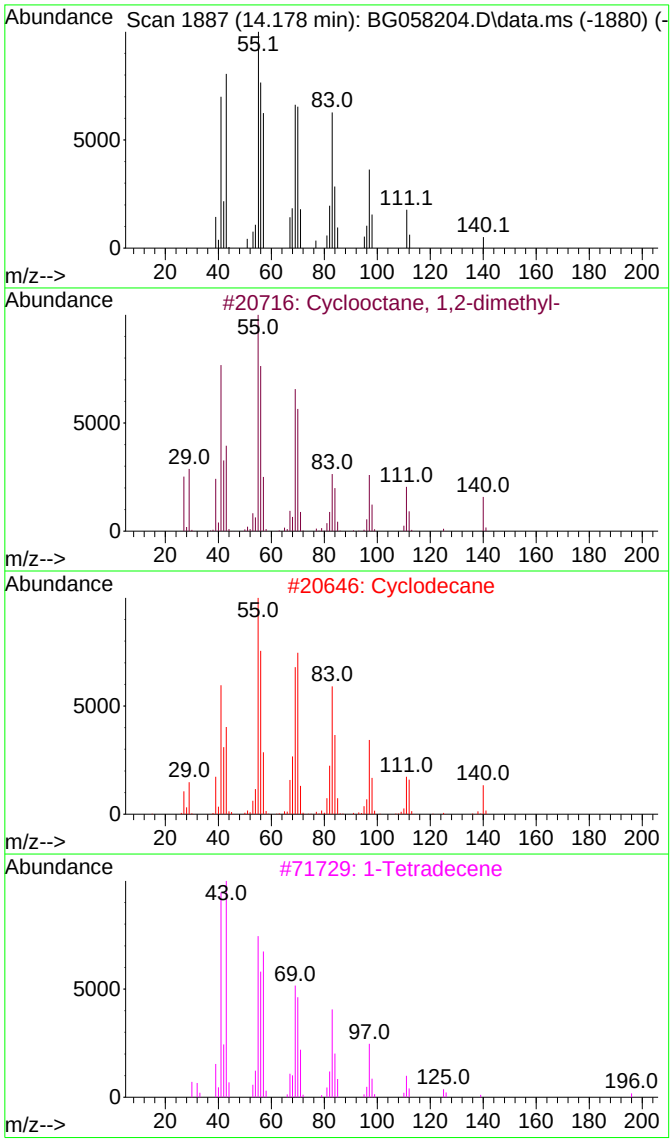
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

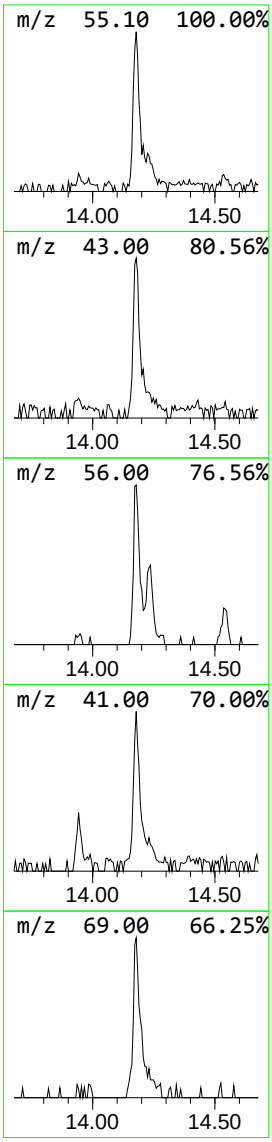
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic14.178 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.178	2.12 ng/ul	67462	Acenaphthene-d10	14.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	91
2	Cyclodecane	140	C10H20	000293-96-9	91
3	1-Tetradecene	196	C14H28	001120-36-1	90
4	1-Decanol	158	C10H22O	000112-30-1	90
5	1-Decene	140	C10H20	000872-05-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

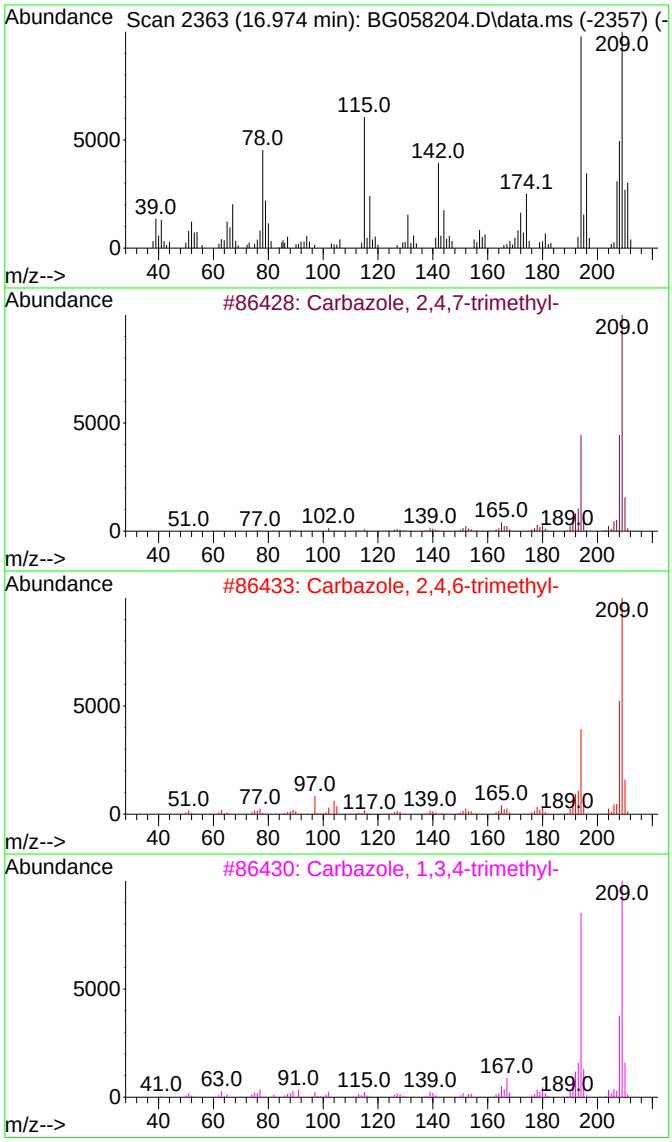
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

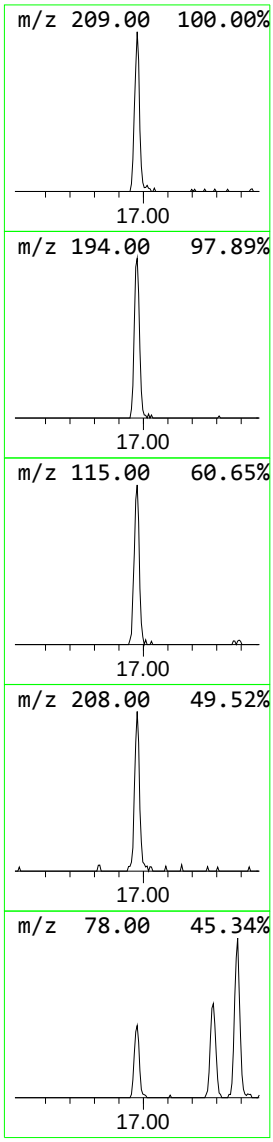
****

Peak Number 20 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	4.15 ng/ul	169967	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	49
2	Carbazole, 2,4,6-trimethyl-	209	C15H15N	078787-88-9	47
3	Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	47
4	N-(1-Methyl-3-oxobutylidene)-4-c...	209	C11H12ClNO	050519-24-9	46
5	Carbazole, 3,4,6-trimethyl-	209	C15H15N	078787-90-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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

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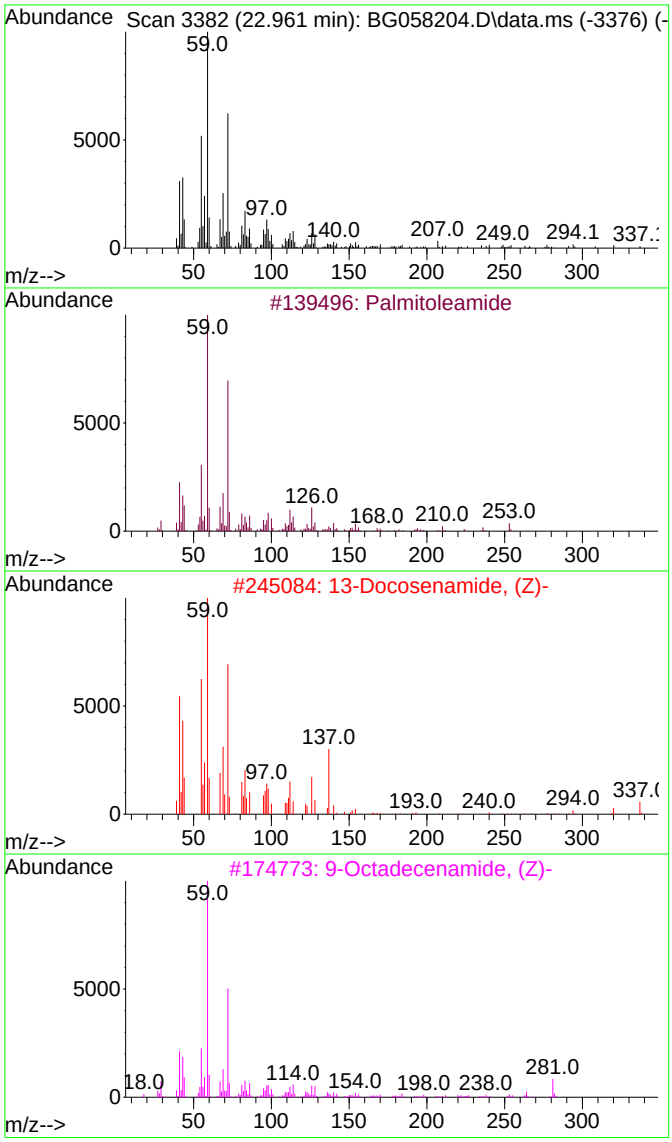
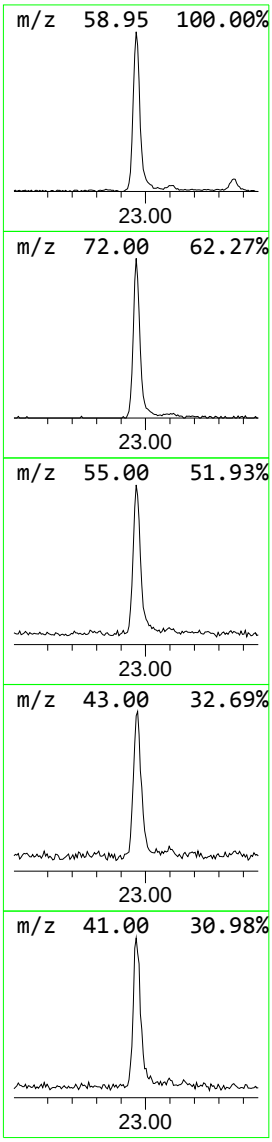
Peak Number 21 Palmitoleamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.962	9.47 ng/ul	410036	Chrysene-d12	21.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleamide	253	C16H31NO	106010-22-4	95
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058204.D
Acq On : 13 Jul 2023 18:44
Operator : CG/JU
Sample : 03414-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4633

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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	3.155	826.7	ng/ul	10893500	1	7.903	263541	20.0
Isoprene	4.342	3.1	ng/ul	40316	1	7.903	263541	20.0
Tetrachloroethy...	4.624	3.9	ng/ul	51578	1	7.903	263541	20.0
unknown-01	5.364	3.7	ng/ul	48291	1	7.903	263541	20.0
p-Xylene	5.547	4.0	ng/ul	52874	1	7.903	263541	20.0
2-Methylene cyc...	5.805	24.3	ng/ul	320192	1	7.903	263541	20.0
2,3-Dimethyl-1,...	6.181	6.8	ng/ul	89414	1	7.903	263541	20.0
2-Cyclohexen-1-one	6.528	51.4	ng/ul	676864	1	7.903	263541	20.0
Cyclohexanone, ...	7.621	2.4	ng/ul	31043	1	7.903	263541	20.0
7-Oxabicyclo[4....	7.973	3.1	ng/ul	40730	1	7.903	263541	20.0
unknown-02	8.079	6.3	ng/ul	83321	1	7.903	263541	20.0
unknown-03	8.155	8.7	ng/ul	115163	1	7.903	263541	20.0
2-Chlorocyclohe...	8.220	119.3	ng/ul	1571400	1	7.903	263541	20.0
Bi-2-cyclohexen...	8.443	3.8	ng/ul	50609	1	7.903	263541	20.0
cis-1,2-Cyclohe...	8.666	4.0	ng/ul	53198	1	7.903	263541	20.0
Cyclohexane, 1,...	8.896	6.8	ng/ul	89360	1	7.903	263541	20.0
unknown-04	9.201	3.0	ng/ul	40154	1	7.903	263541	20.0
unknown-05	10.088	6.0	ng/ul	134397	2	10.705	447527	20.0
(DEL) Alkane: C...	14.178	2.1	ng/ul	67462	3	14.542	635402	20.0
unknown-06	16.974	4.2	ng/ul	169967	4	17.286	818199	20.0
Palmitoleamide	22.962	9.5	ng/ul	410036	5	21.534	866002	20.0