LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46G6

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: BG058247.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	6	12	41	rVB	1736008	3696825	100.00%	11.424%
2	3.346	41	44	50	rVB	20693	27825	0.75%	0.086%
3	3.751	108	113	131	rBV	275617	505933	13.69%	1.563%
4	4.092	167	171	175	rVB2	7365	10822	0.29%	0.033%
5	4.339	209	213	222	rVB3	20598	35908	0.97%	0.111%
6	4.621	256	261	272	rVB2	26540	49317	1.33%	0.152%
7	5.361	382	387	392	rVV3	19439	35044	0.95%	0.108%
8	5.543	412	418	428	rBV	23464	58463	1.58%	0.181%
9	5.802	452	462	475	rBV	290032	610119	16.50%	1.885%
10	5.913	477	481	484	rVV3	14799	25020	0.68%	0.077%
11	5.943	484	486	493	rVV4	6441	11887	0.32%	0.037%
12	6.178	521	526	538	rVB	38893	67394	1.82%	0.208%
13	6.524	577	585	605	rBV	573125	1023276	27.68%	3.162%
14	7.065	667	677	690	rBV	366330	682772	18.47%	2.110%
15	7.229	698	705	720	rVB	276984	478237	12.94%	1.478%
16	7.435	733	740	751	rVV	338418	627591	16.98%	1.939%
17	7.517	751	754	762	rVV4	7524	14293	0.39%	0.044%
18	7.617	764	771	785	rVB2	15490	42586	1.15%	0.132%
19	7.899	809	819	826	rBV	162105	291949	7.90%	0.902%
20	7.976	826	832	837	rVV	39011	72584	1.96%	0.224%
21	8.023	837	840	843	rVV4	8268	13813	0.37%	0.043%
22	8.075	843	849	856	rVV2	56772	111629	3.02%	0.345%
23	8.152	856	862	867	rVV2	80269	146049	3.95%	0.451%
24	8.222	867	874	886	rVV	1179862	2112648	57.15%	6.528%
25	8.316	887	890	895	rVB3	6843	10877	0.29%	0.034%
26	8.493	915	920	924	rVV3	8092	12371	0.33%	0.038%
27	8.540	924	928	932	rVV3	8062	12607	0.34%	0.039%
28	8.610	932	940	946	rVV	315344	596922	16.15%	1.845%
29	8.663	946	949	954	rVV	35376	64957	1.76%	0.201%
30	8.728	954	960	972	rVB3	38119	93408	2.53%	0.289%
31	8.892	983	988	1001	rVB	61916	112098	3.03%	0.346%
32	9.063	1010	1017	1028	rVV	345755	627394	16.97%	1.939%
33	9.151	1028	1032	1035	rVV3	12146	21031	0.57%	0.065%
34	9.198	1035	1040	1046	rVB2	25138	46351	1.25%	0.143%
35	9.497	1083	1091	1094	rBV7	6645	15131	0.41%	0.047%
36	9.732	1122	1131	1132	rBV3	16622	24169	0.65%	0.075%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46G6

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	9.785	1133	1140	1153	rVV	296838	565461	15.30%	1.747%
38	9.956	1162	1169	1178	rBV9	11072	28141	0.76%	0.087%
39	10.326	1222	1232	1248	rBV	440697	853938	23.10%	2.639%
40	10.561	1264	1272	1277	rBV6	7217	16123	0.44%	0.050%
41	10.702	1281	1296	1312	rVB	262672	515127	13.93%	1.592%
42	10.843	1312	1320	1336	rBV	230276	499895	13.52%	1.545%
43	11.242	1383	1388	1396	rVB7	6946	14879	0.40%	0.046%
44	11.407	1411	1416	1421	rBV4	7528	13682	0.37%	0.042%
45	11.513	1425	1434	1442	rVB7	9409	24325	0.66%	0.075%
46	12.288	1561	1566	1571	rVB2	7201	12700	0.34%	0.039%
47	12.652	1622	1628	1634	rVB2	19630	29534	0.80%	0.091%
48	12.758	1639	1646	1648	rVV2	10786	19363	0.52%	0.060%
49	12.782	1648	1650	1656	rVB2	11669	17300	0.47%	0.053%
50	13.352	1740	1747	1753	rVV2	16427	25598	0.69%	0.079%
51	13.422	1753	1759	1765	rVV6	5721	11424	0.31%	0.035%
52	13.945	1841	1848	1858	rBV	771925	1165312	31.52%	3.601%
53	14.174	1878	1887	1891	rBV	49949	88442	2.39%	0.273%
54	14.233	1891	1897	1909	rVB2	917813	1489339	40.29%	4.602%
55	14.539	1942	1949	1957	rBV	455993	690025	18.67%	2.132%
56	14.744	1976	1984	2001	rBV	272030	549155	14.85%	1.697%
57	14.885	2004	2008	2016	rVV6	21902	39587	1.07%	0.122%
58	15.531	2111	2118	2127	rBV	1252322	1873120	50.67%	5.788%
59	15.649	2131	2138	2149	rBV	334715	515801	13.95%	1.594%
60	15.890	2174	2179	2186	rVB	36579	54976	1.49%	0.170%
61	16.072	2204	2210	2218	rBV7	15935	43758	1.18%	0.135%
62	16.818	2332	2337	2345	rVB3	18194	28951	0.78%	0.089%
63	16.971	2358	2363	2369	rVV	89128	133943	3.62%	0.414%
64	17.282	2410	2416	2427	rBV	569672	916581	24.79%	2.832%
65	17.382	2427	2433	2444	rVV2	1151083	1738486	47.03%	5.372%
66	17.576	2460	2466	2473	rBV4	7898	12042	0.33%	0.037%
67	17.676	2477	2483	2489	rBV8	4824	12986	0.35%	0.040%
68	17.940	2522	2528	2534	rBV	53644	70157	1.90%	0.217%
69	18.164	2561	2566	2570	rBV3	28186	46161	1.25%	0.143%
70	18.199	2570	2572	2576	rVV4	10407	14994	0.41%	0.046%
71	18.358	2593	2599	2602	rBV7	7258	13891	0.38%	0.043%
72	18.504	2620	2624	2628	rVV5	8451	11272	0.30%	0.035%
73	18.663	2645	2651	2657	rBV3	22839	37543	1.02%	0.116%
74	18.716	2657	2660	2663	rBV	11541	15224	0.41%	0.047%
75	18.898	2686	2691	2695	rVV4	7692	11088	0.30%	0.034%
76	18.974	2700	2704	2708	rVB3	16215	21019	0.57%	0.065%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46G6

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

77	19.039	2708	2715	2719	rBV5	12392	24939	0.67%	0.077%
78	19.115	2723	2728	2732	rVV	54739	65095	1.76%	0.201%
79	19.239	2743	2749	2755	rBV3	37737	62304	1.69%	0.193%
80	19.304	2757	2760	2762	rVV2	20959	27504	0.74%	0.085%
81	19.339	2762	2766	2770	rVB	34343	51010	1.38%	0.158%
82	19.586	2805	2808	2814	rBV8	7327	13769	0.37%	0.043%
83	19.674	2815	2823	2834	rVV	1551463	2273583	61.50%	7.026%
84	19.897	2857	2861	2866	rVB4	16633	22092	0.60%	0.068%
85	20.061	2886	2889	2894	rVB2	12075	14795	0.40%	0.046%
86	20.138	2899	2902	2907	rVV5	11461	17845	0.48%	0.055%
87	20.197	2907	2912	2916	rVB4	19579	29634	0.80%	0.092%
88	20.690	2993	2996	3003	rVB4	18399	23178	0.63%	0.072%
89	20.913	3030	3034	3038	rBV2	16893	22461	0.61%	0.069%
90	20.984	3044	3046	3052	rVB4	14872	17337	0.47%	0.054%
91	21.419	3115	3120	3126	rVB	98031	126992	3.44%	0.392%
92	21.536	3133	3140	3154	rVB	562651	978067	26.46%	3.022%
93	21.648	3156	3159	3162	rVV4	12153	14125	0.38%	0.044%
94	21.994	3214	3218	3223	rVB3	13777	23723	0.64%	0.073%
95	22.306	3267	3271	3276	rVB4	25069	41839	1.13%	0.129%
96	22.958	3375	3382	3398	rBV	303521	643837	17.42%	1.990%
97	23.751	3512	3517	3526	rVB2	27297	57924	1.57%	0.179%
98	24.462	3627	3638	3659	rVB2	723391	2079773	56.26%	6.427%
99	24.680	3664	3675	3690	rBV	357504	1048582	28.36%	3.240%
100	25.767	3856	3860	3871	rVB6	19625	50304	1.36%	0.155%

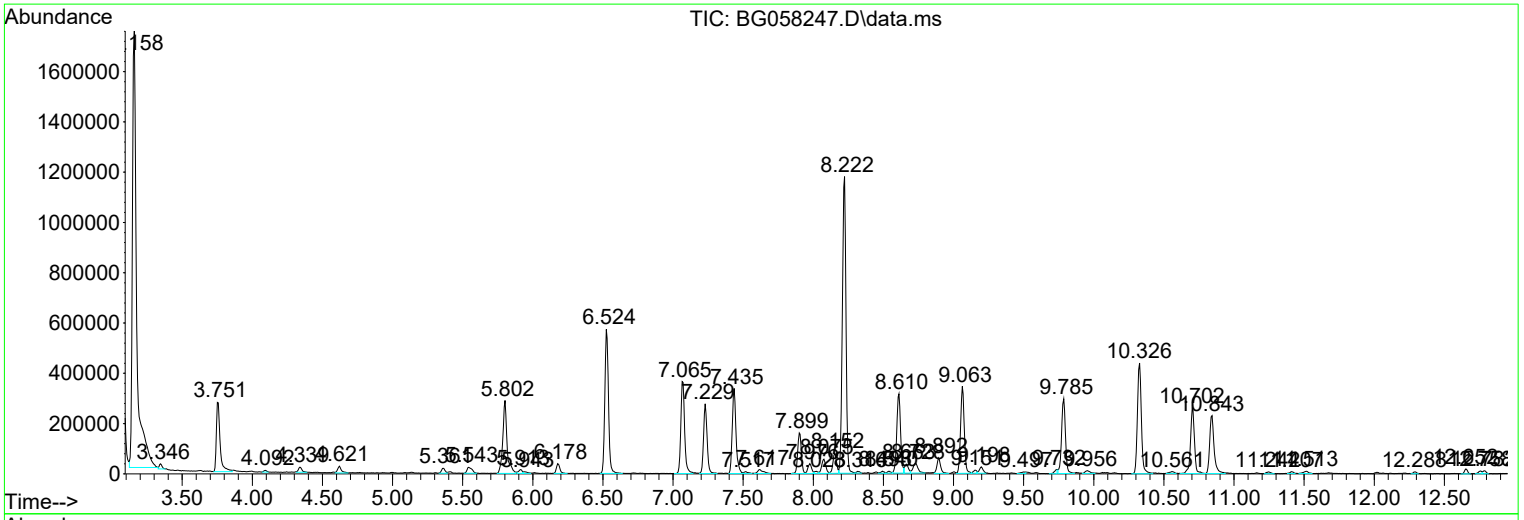
Sum of corrected areas: 32361355

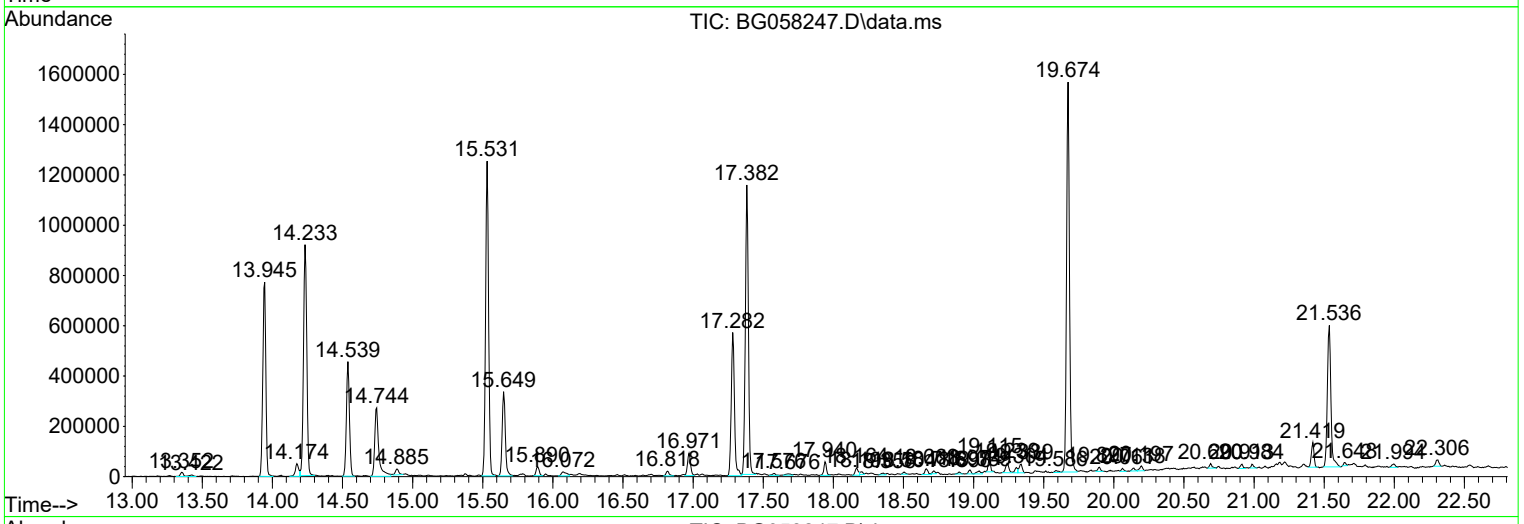
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

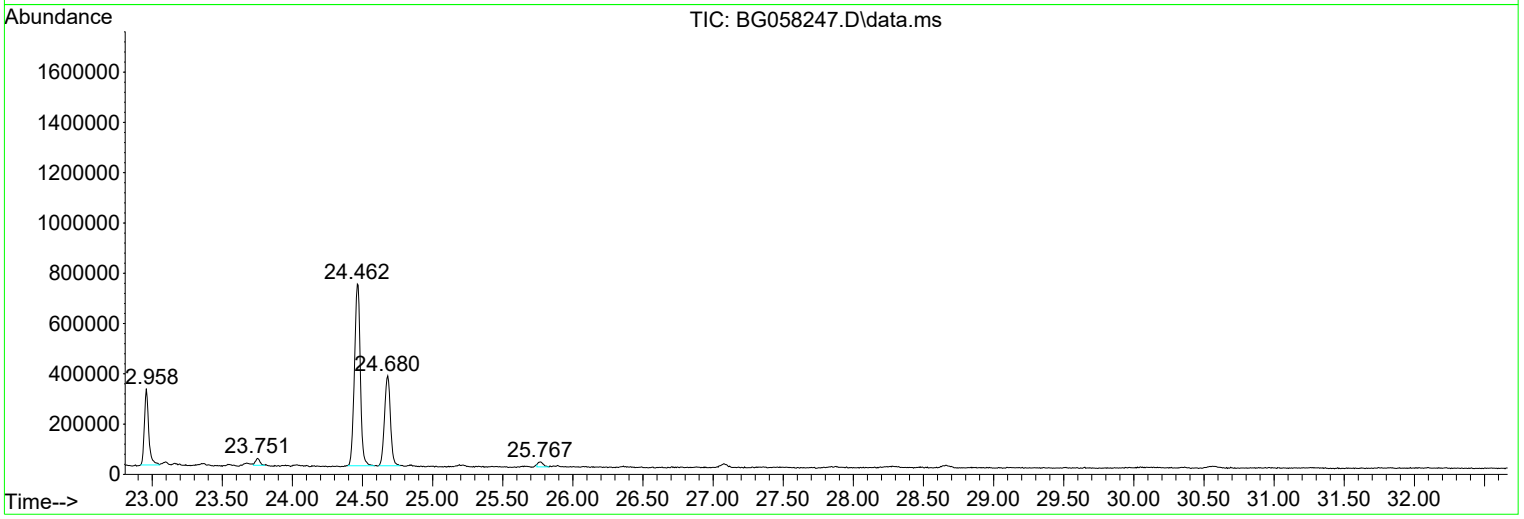
Instrument :
BNA_G
ClientSampleId :
A46G6

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 : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

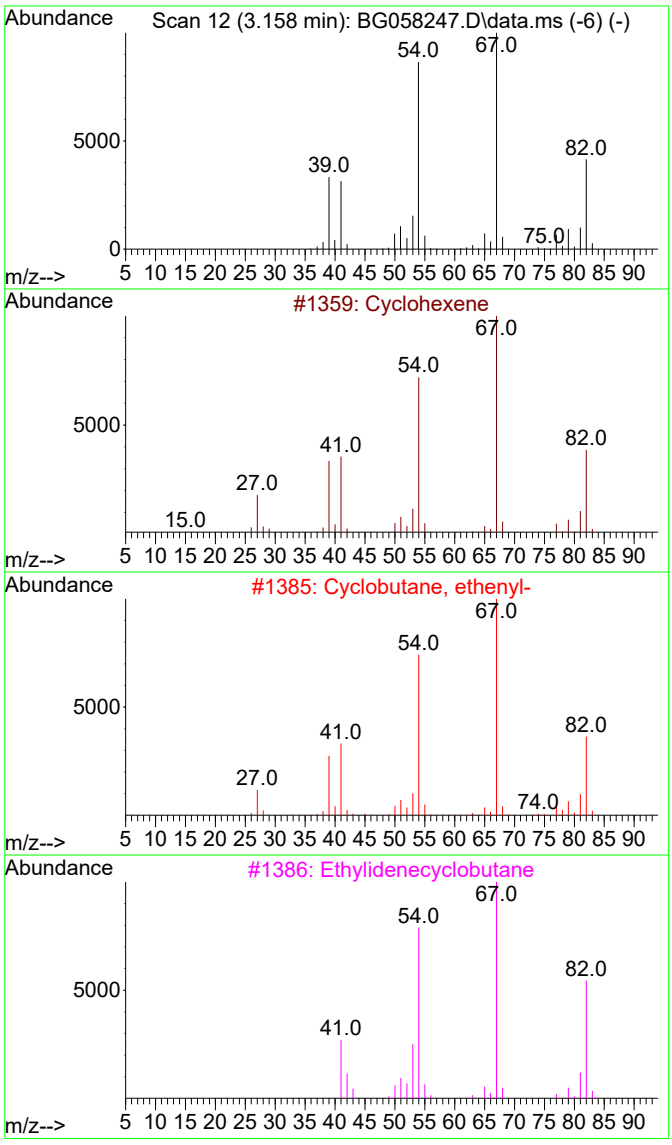
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

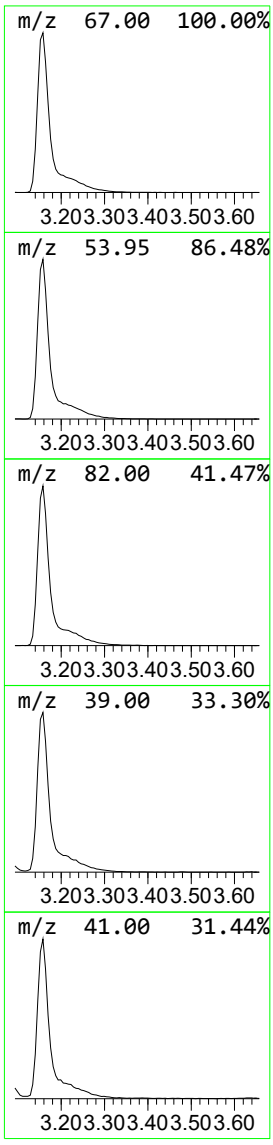
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	253.25 ng/ul	3696830	1,4-Dichlorobenzene-d4	7.899

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	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 : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

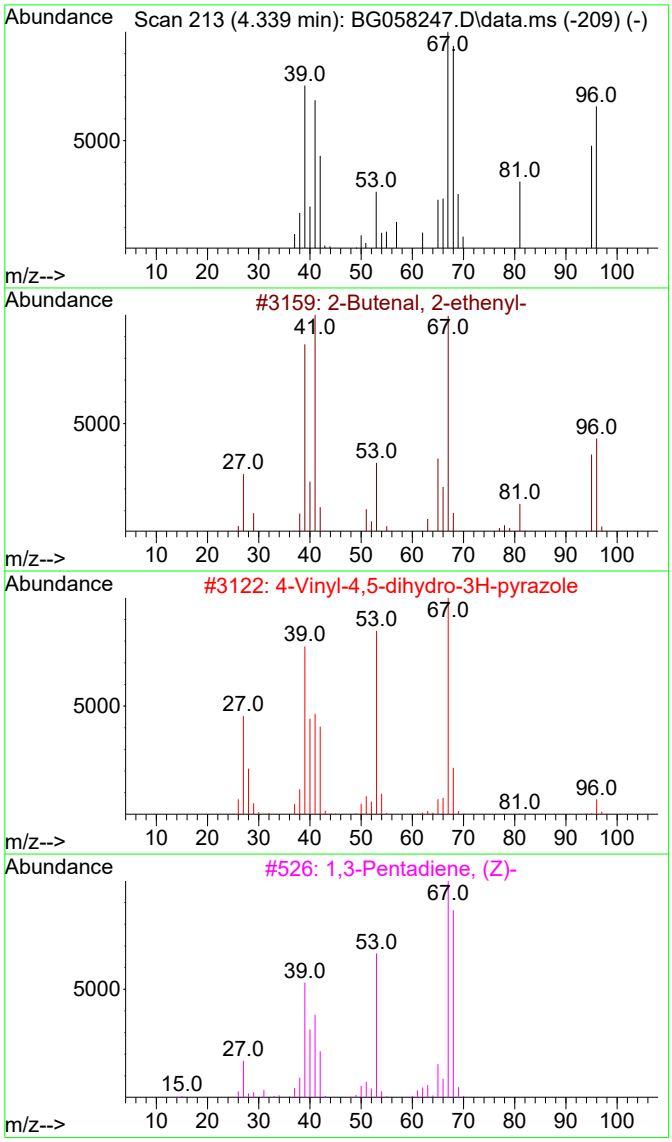
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

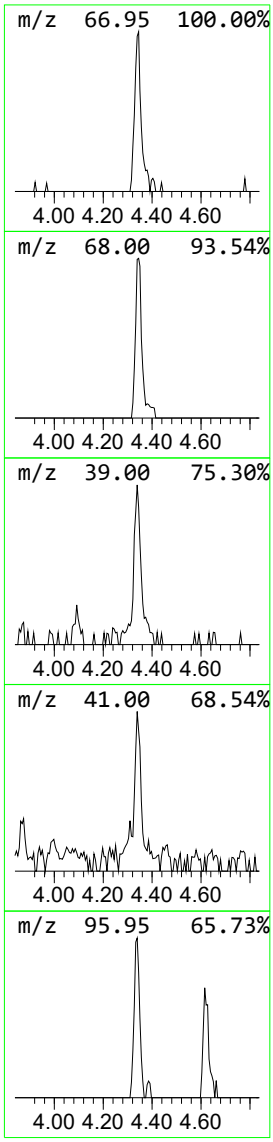
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butenal, 2-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.339	2.46 ng/ul	35908	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	64
2	4-Vinyl-4,5-dihydro-3H-pyrazole	96	C5H8N2	063438-33-5	58
3	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	53
4	1,3-Pentadiene	68	C5H8	000504-60-9	53
5	Isoprene	68	C5H8	000078-79-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

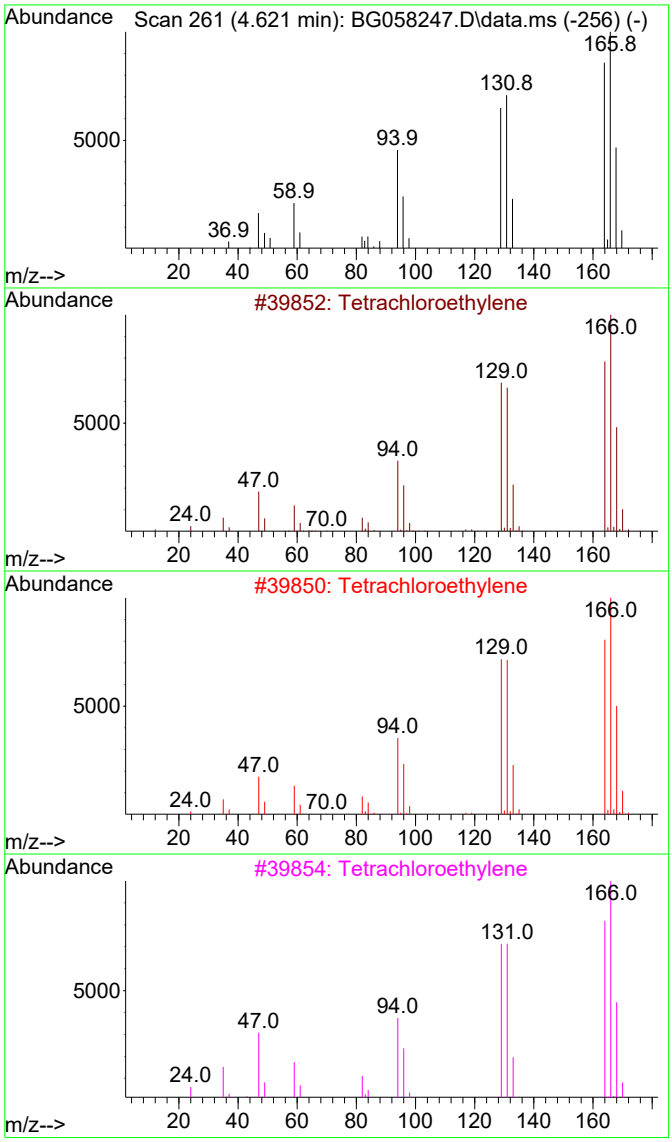
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

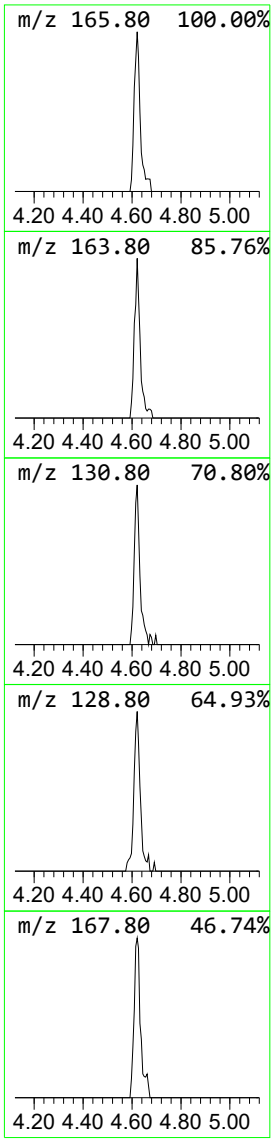
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.621	3.38 ng/ul	49317	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

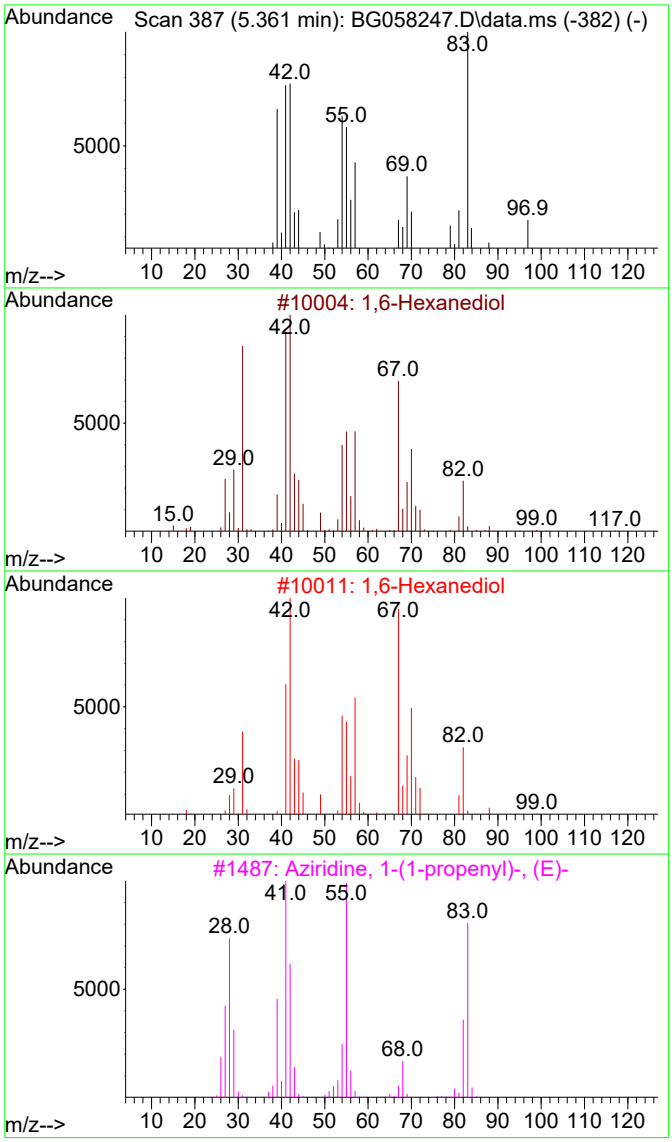
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

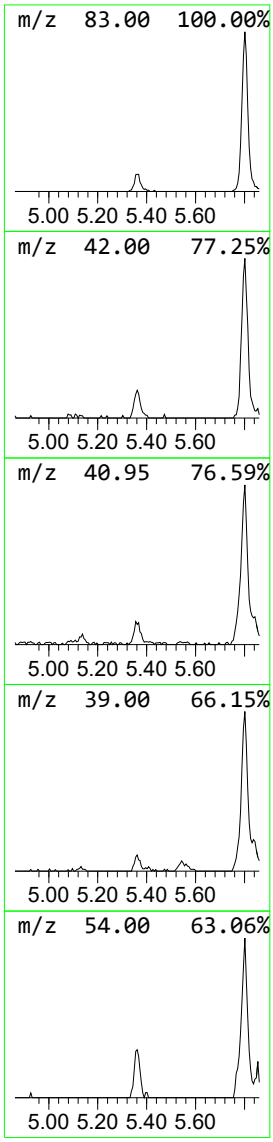
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.361	2.40 ng/ul	35044	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Hexanediol	118	C6H14O2	000629-11-8	43
2	1,6-Hexanediol	118	C6H14O2	000629-11-8	43
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	36
4	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	32
5	N-(Piperidin-3-yl)acetamide	142	C7H14N2O	005810-55-9	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

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

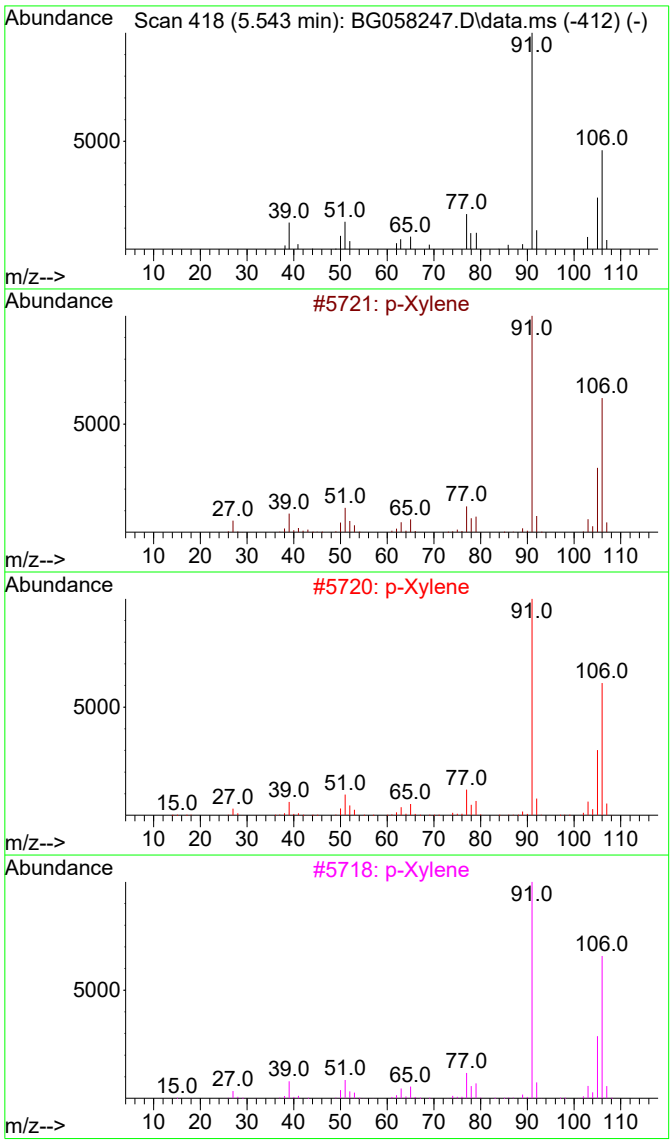
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

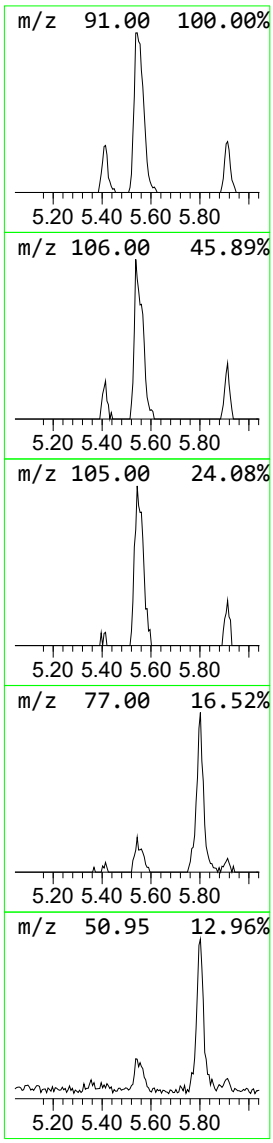
****

Peak Number 5 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.543	4.01 ng/ul	58463	1,4-Dichlorobenzene-d4	7.899

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	p-Xylene	106	C8H10	000106-42-3	94
4	o-Xylene	106	C8H10	000095-47-6	91
5	o-Xylene	106	C8H10	000095-47-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

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

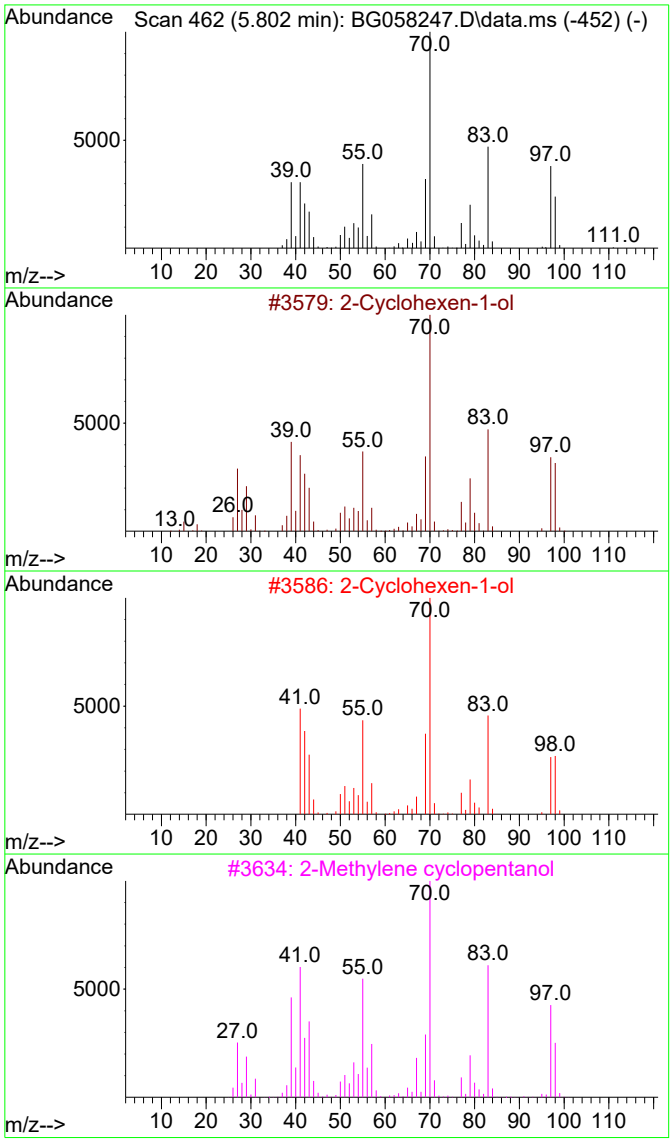
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

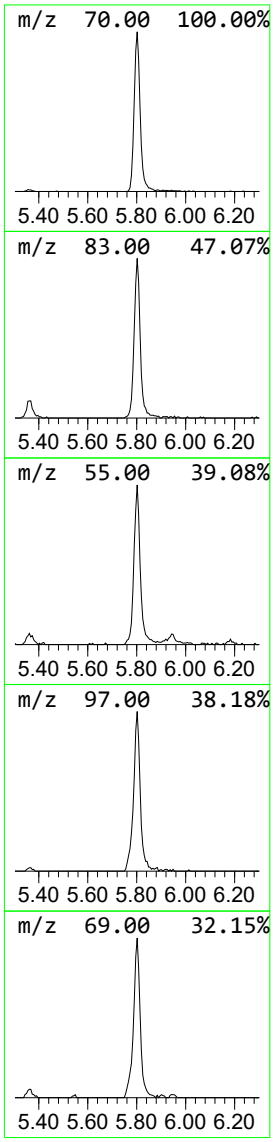
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.802	41.80 ng/ul	610119	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	95
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	93
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	70
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	52
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

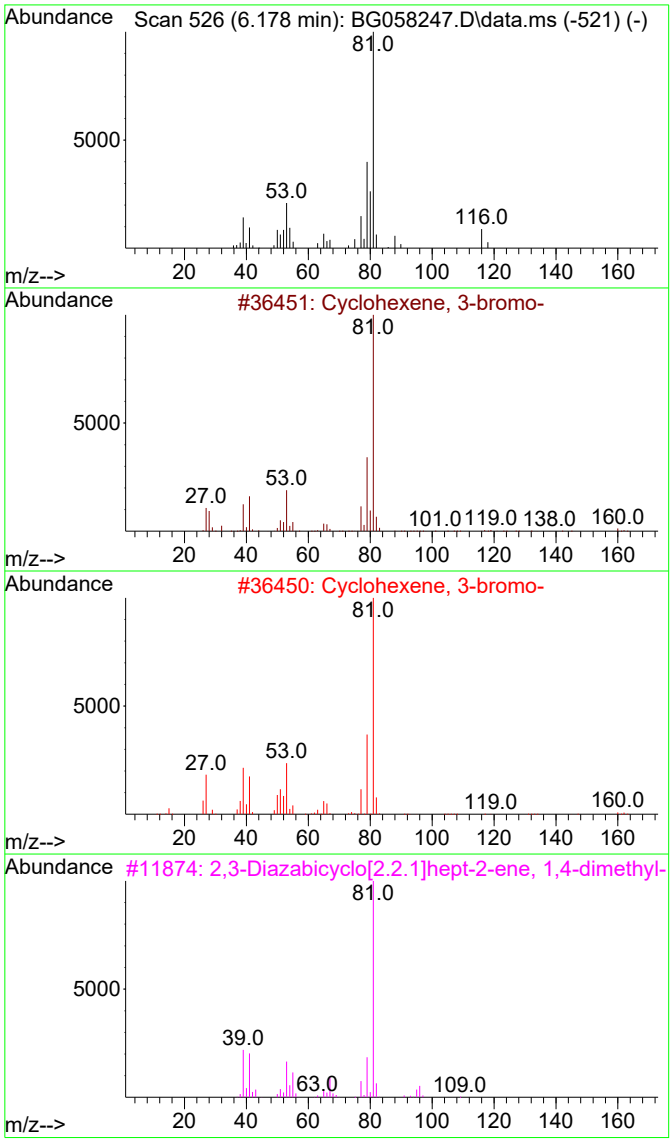
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

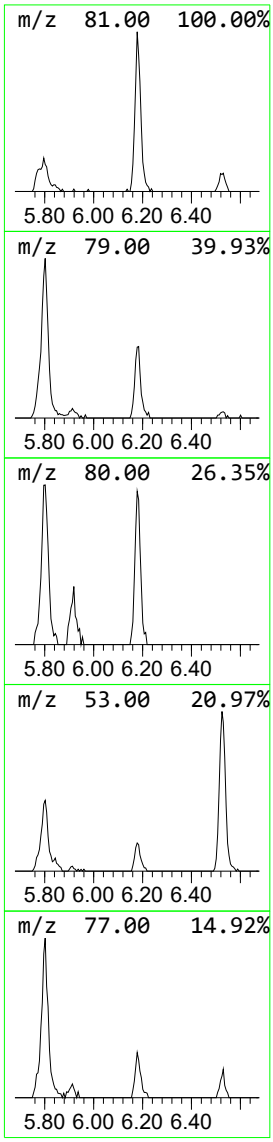
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexene, 3-bromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.178	4.62 ng/ul	67394	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	64
2	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	59
3	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	50
4	Cyclohexane, 1,4-dichloro-	152	C6H10Cl2	019398-57-3	50
5	Cyclohexane, 1,4-dichloro-, cis-	152	C6H10Cl2	016749-11-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

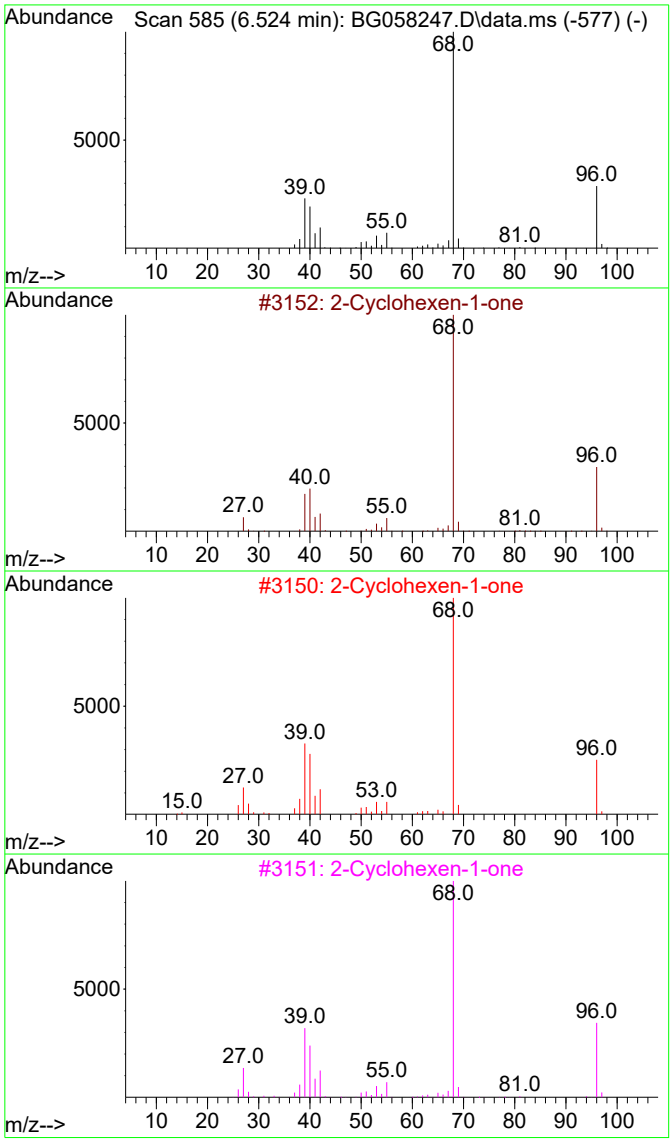
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

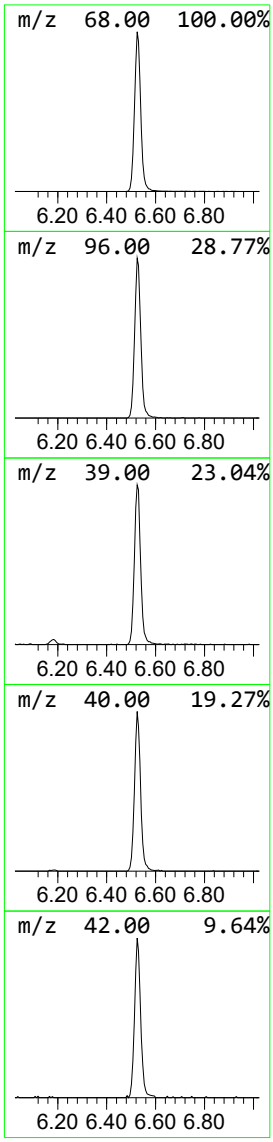
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.524	70.10 ng/ul	1023280	1,4-Dichlorobenzene-d4	7.899

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	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

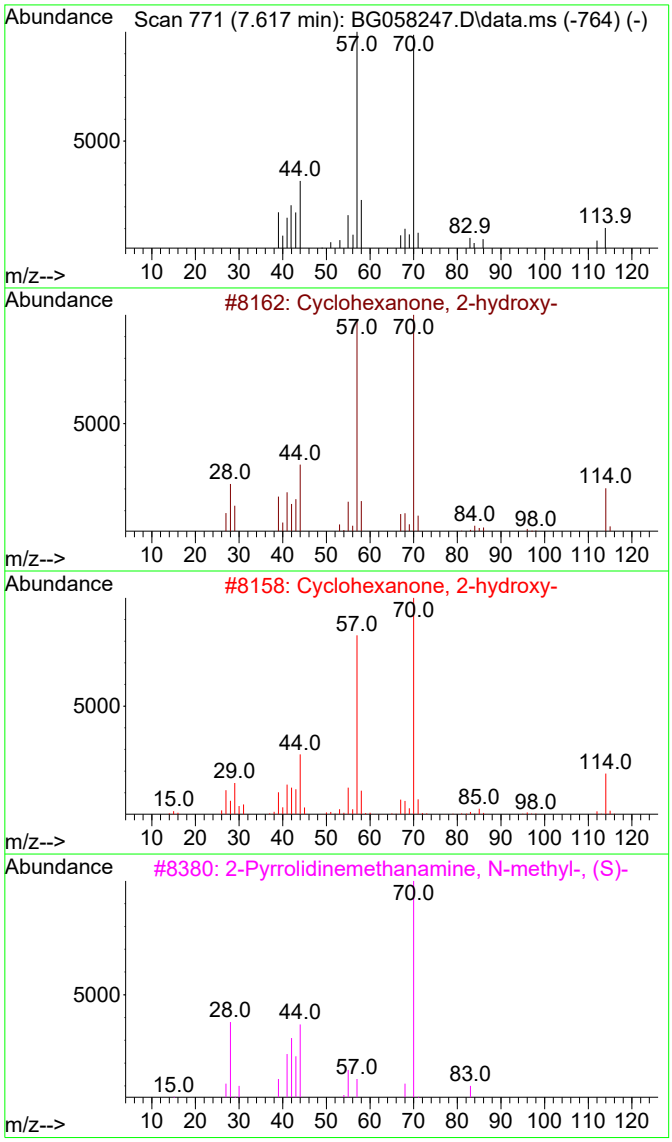
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

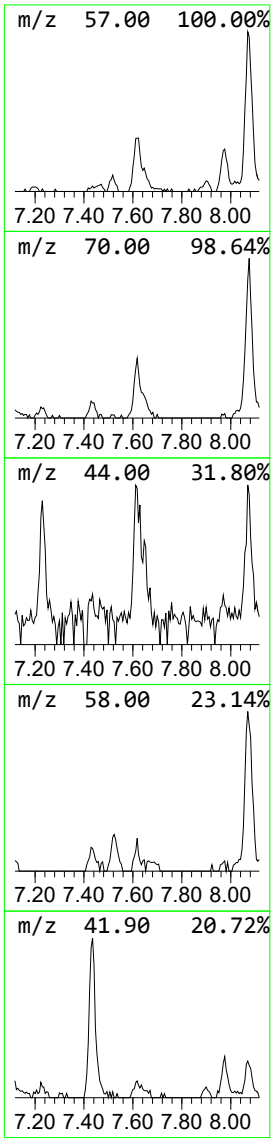
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 2-hydroxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.617	2.92 ng/ul	42586	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	80
2	Cyclohexanone, 2-hydroxy-	114	C6H10O2	000533-60-8	64
3	2-Pyrrolidinemethanamine, N-meth...	114	C6H14N2	066411-54-9	53
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	43
5	Hexanal, 4-methyl-	114	C7H14O	041065-97-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

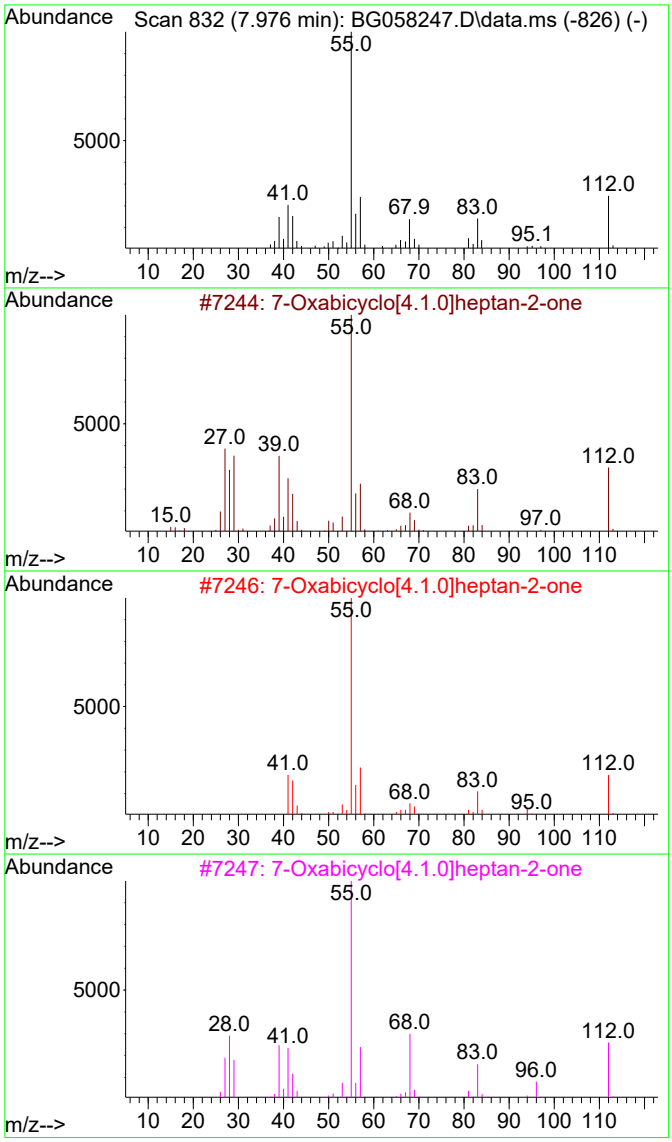
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

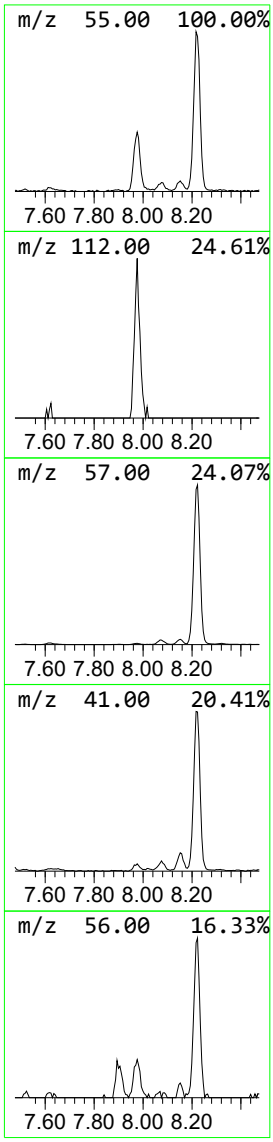
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Oxabicyclo[4.1.0]heptan-2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.976	4.97 ng/ul	72584	1,4-Dichlorobenzene-d4	7.899

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	90
3	7-Oxabicyclo[4.1.0]heptan-2-one	112	C6H8O2	006705-49-3	70
4	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	52
5	3-Ethyl-2-hexene	112	C8H16	000620-00-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

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

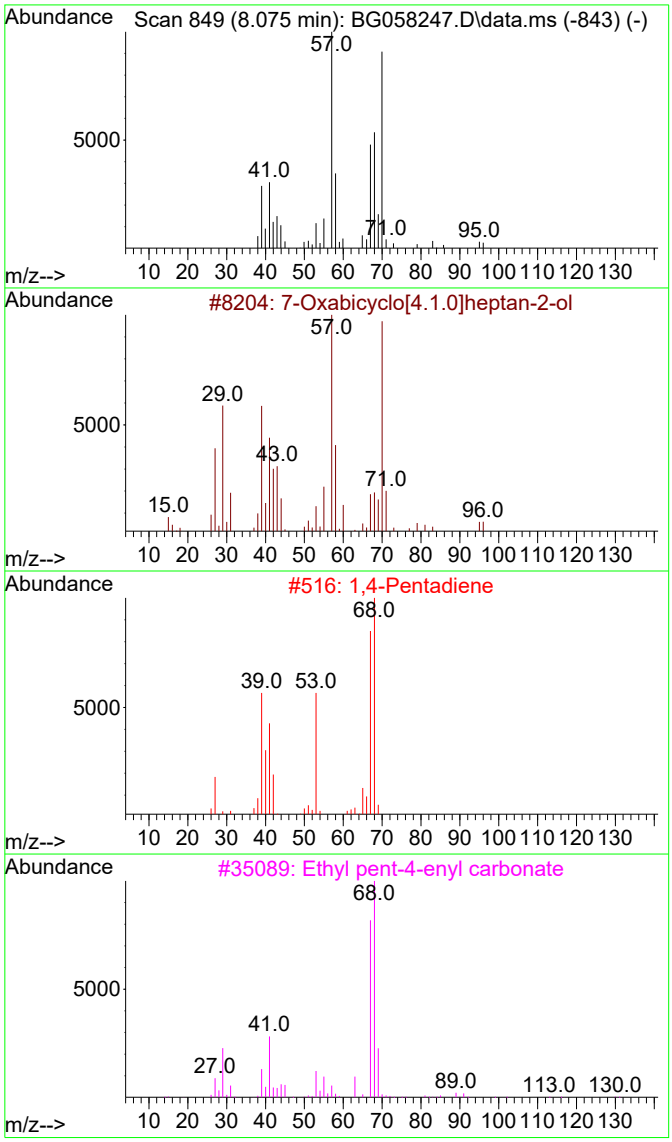
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

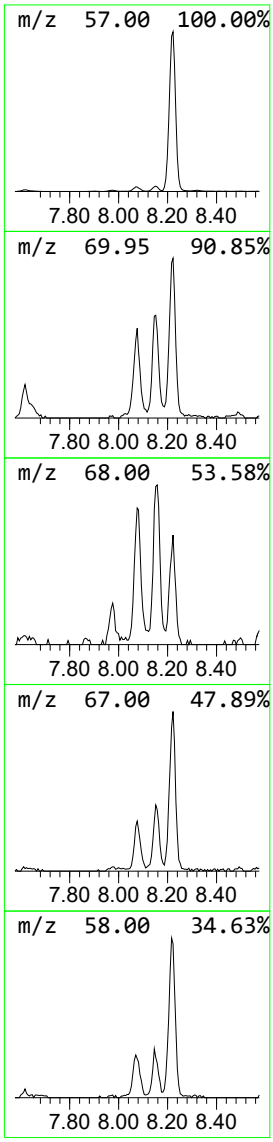
****

Peak Number 11 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	7.65 ng/ul	111629	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	47
2	1,4-Pentadiene	68	C5H8	000591-93-5	12
3	Ethyl pent-4-enyl carbonate	158	C8H14O3	1000373-78-4	12
4	cis,cis-2,7-Nonadiene	124	C9H16	036901-84-5	12
5	2-Cyclopentylethanol	114	C7H14O	000766-00-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

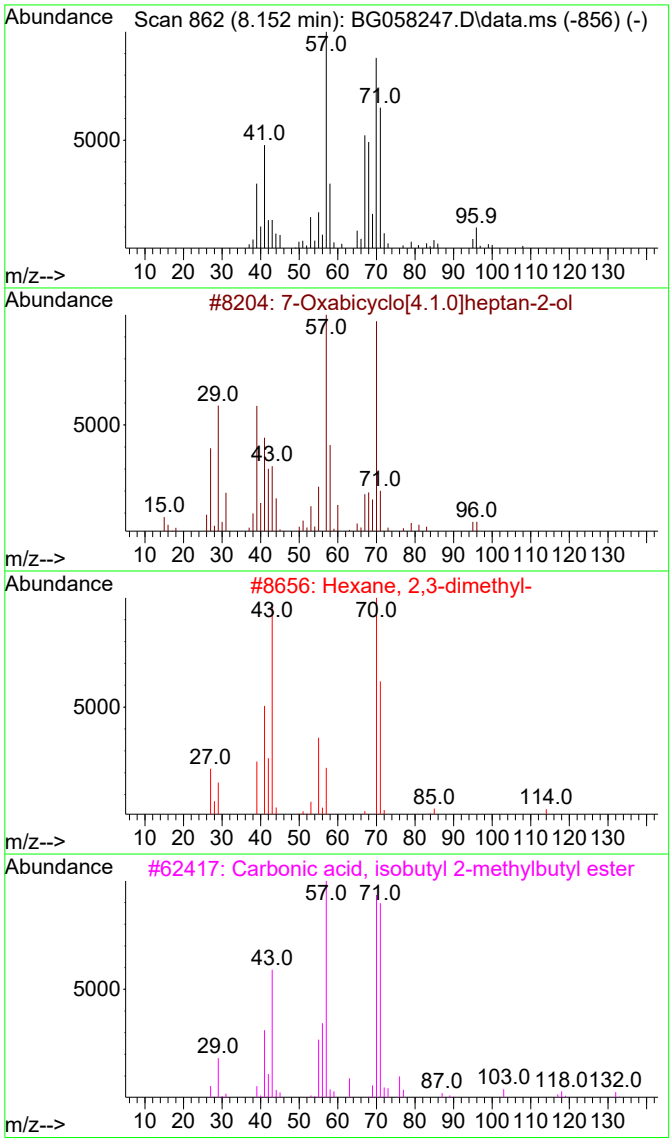
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

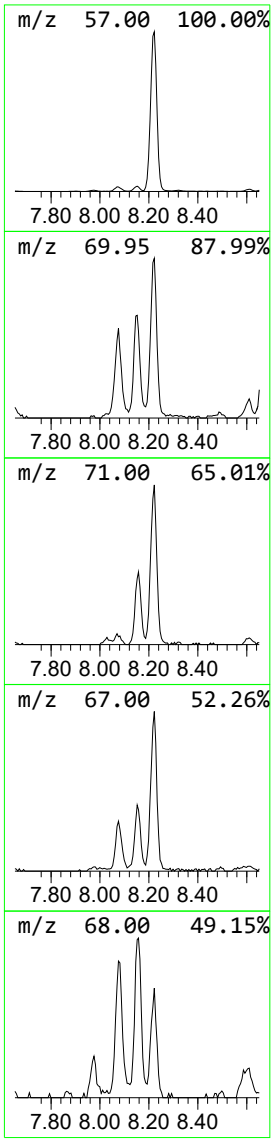
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.152	10.01 ng/ul	146049	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	47
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
3	Carbonic acid, isobutyl 2-methyl...	188	C10H20O3	1000331-39-8	37
4	Acetonitrile, ethoxy-	85	C4H7NO	062957-60-2	22
5	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

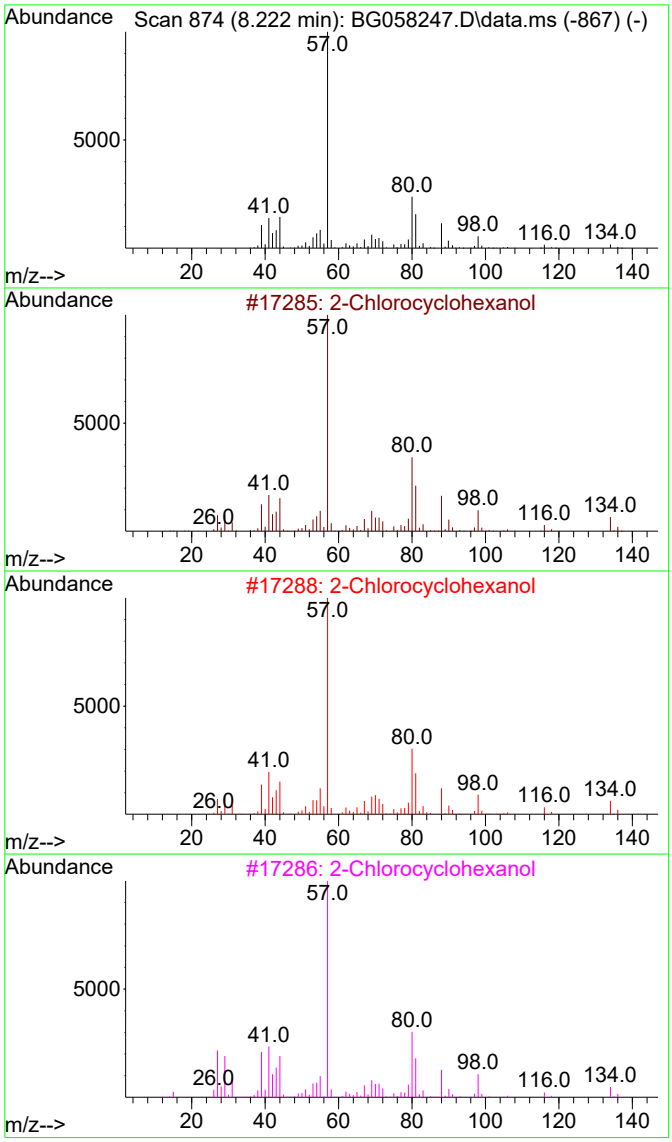
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

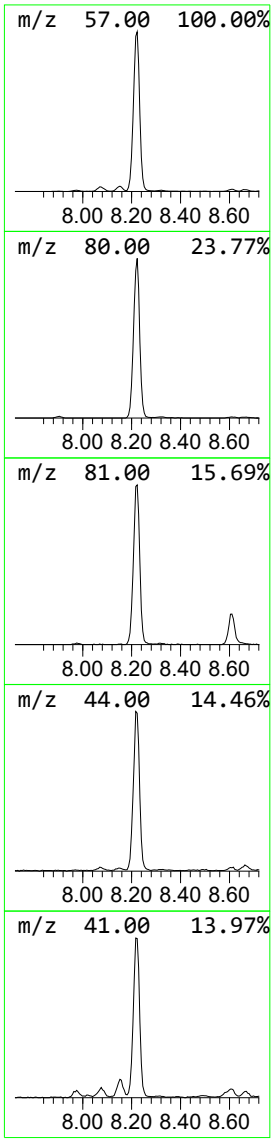
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.222	144.73 ng/ul	2112650	1,4-Dichlorobenzene-d4	7.899

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	83
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	78
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

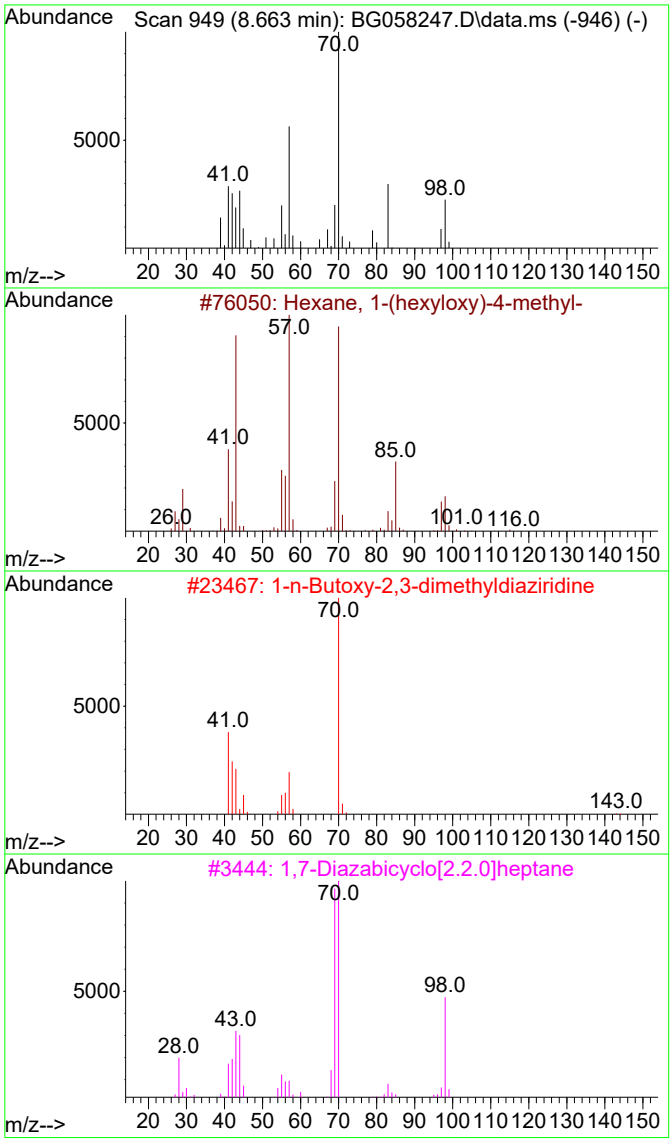
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

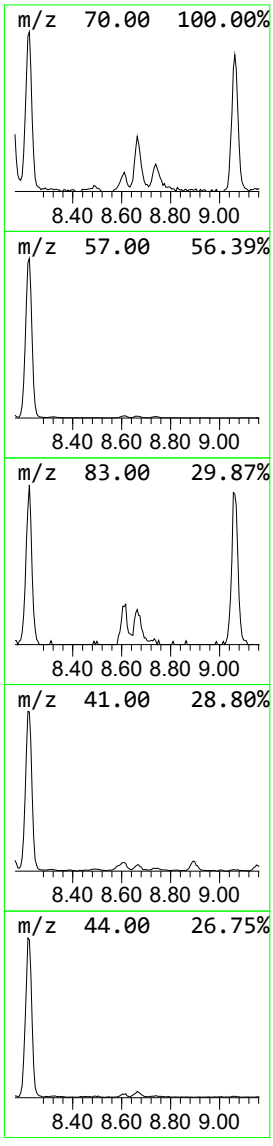
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	4.45 ng/ul	64957	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	37
2	1-n-Butoxy-2,3-dimethyldiaziridine	143	C8H17NO	343928-70-1	37
3	1,7-Diazabicyclo[2.2.0]heptane	98	C5H10N2	000279-42-5	37
4	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	33
5	2-Pyrrolidinemethanamine, N-meth...	114	C6H14N2	066411-54-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

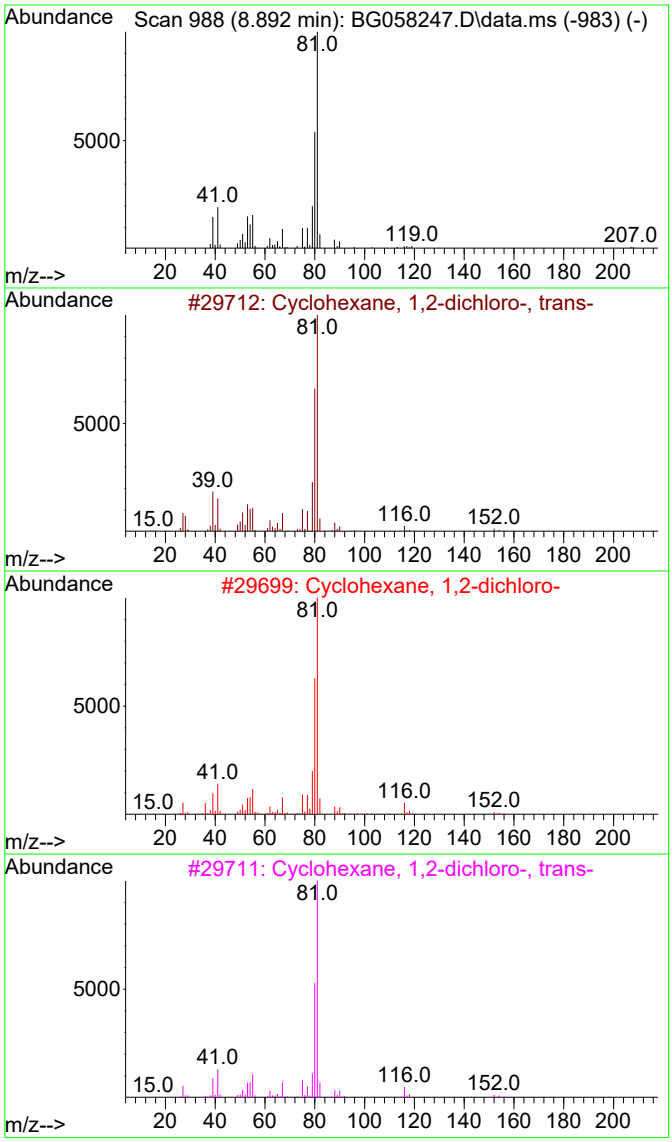
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

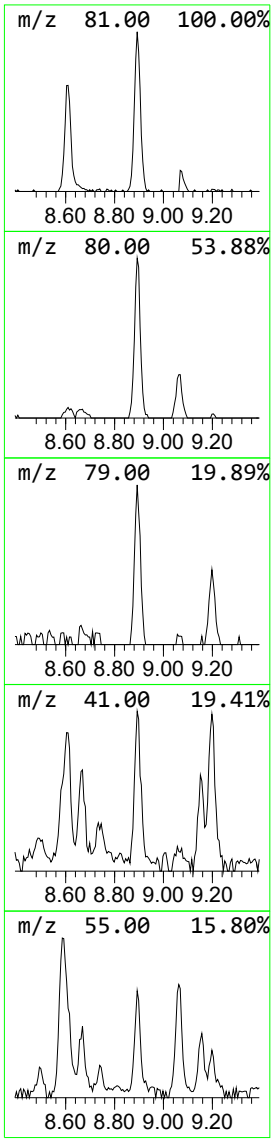
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 1,2-dichloro-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	7.68 ng/ul	112098	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	86
2	Cyclohexane, 1,2-dichloro-	152	C6H10Cl2	001121-21-7	78
3	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	78
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	64
5	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

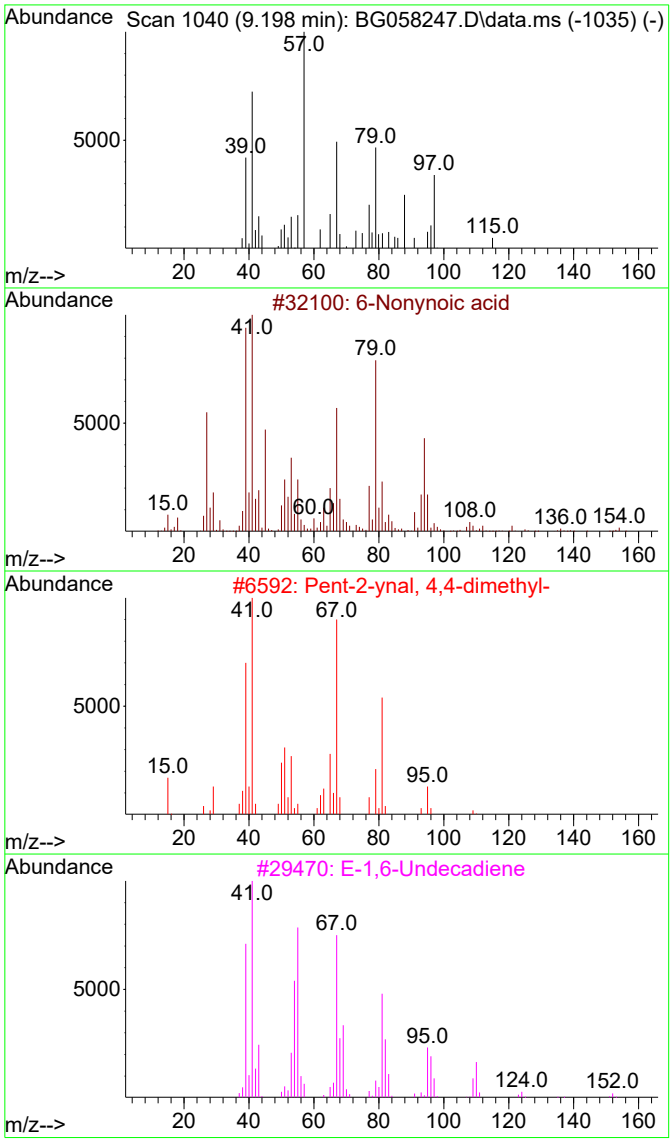
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

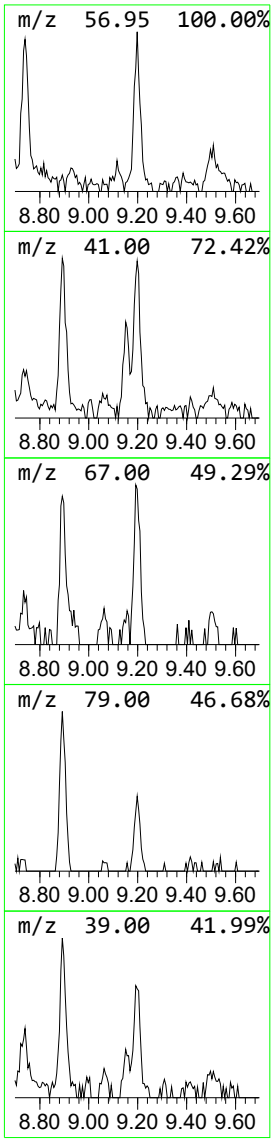
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	3.18 ng/ul	46351	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nonynoic acid	154	C9H14O2	056630-31-0	38
2	Pent-2-ynal, 4,4-dimethyl-	110	C7H10O	002579-21-7	16
3	E-1,6-Undecadiene	152	C11H20	1000245-71-2	16
4	2-Butenenitrile	67	C4H5N	004786-20-3	9
5	2-Penten-1-ol, 4-methyl-	100	C6H12O	005362-55-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

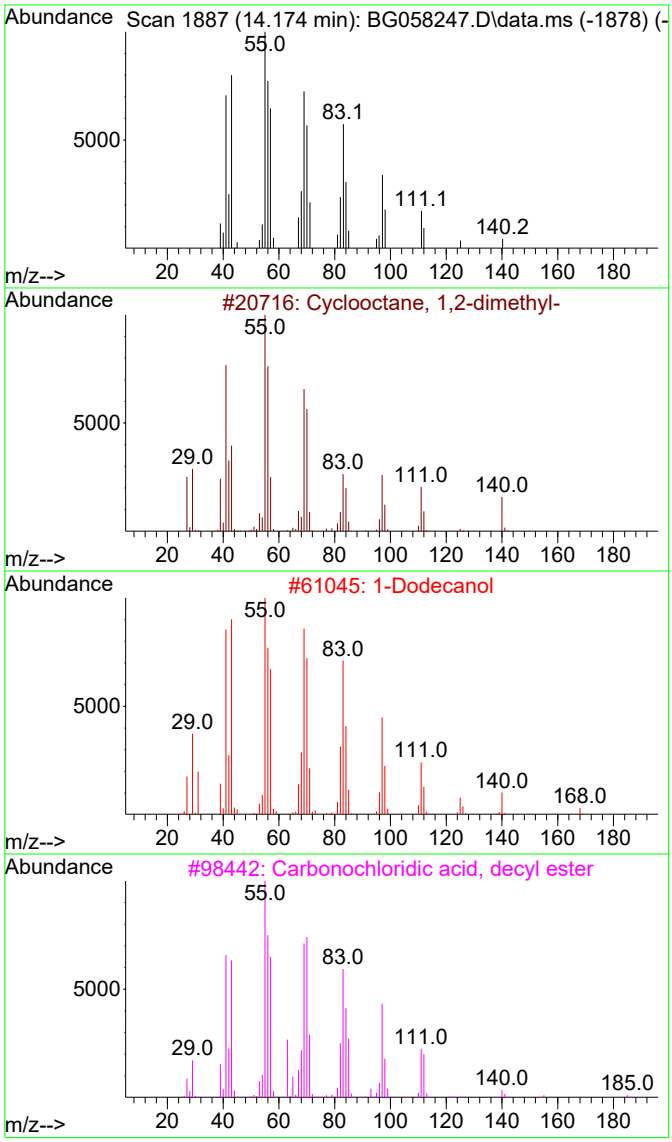
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

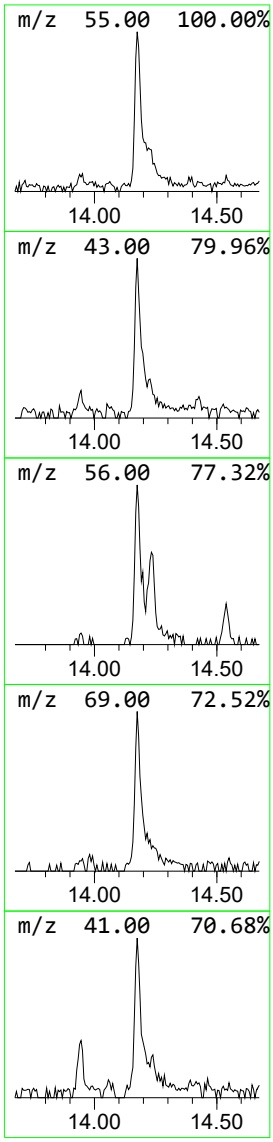
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic14.174 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.174	2.56 ng/ul	88442	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	94
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	91
4	1-Decene	140	C10H20	000872-05-9	90
5	1-Dodecanol	186	C12H26O	000112-53-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

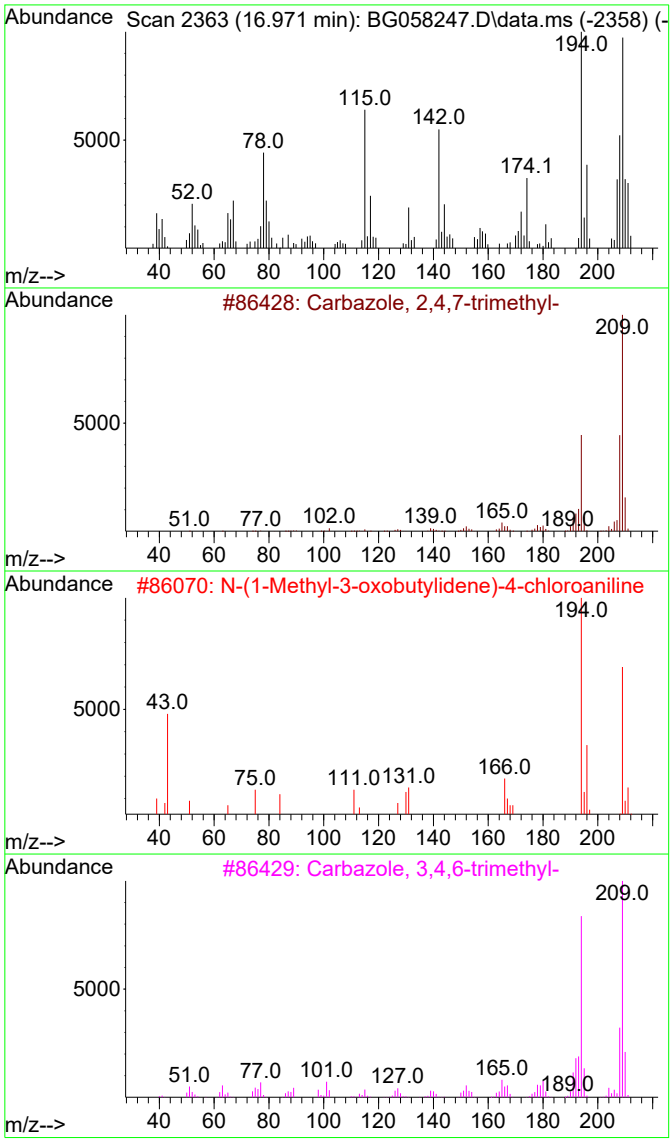
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

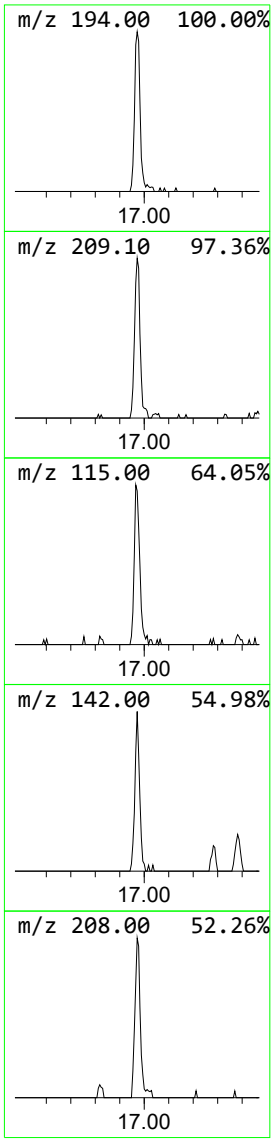
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.971	2.92 ng/ul	133943	Phenanthrene-d10	17.282

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	47
2	N-(1-Methyl-3-oxobutylidene)-4-c...	209	C11H12ClNO	050519-24-9	43
3	Carbazole, 3,4,6-trimethyl-	209	C15H15N	078787-90-3	38
4	2-Amino-4-trimethylsilylbenzoic ...	209	C10H15NO2Si	030127-88-9	30
5	4-Hydroxy-6-methoxy-7-chloroquin...	209	C10H8ClNO2	1000256-23-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

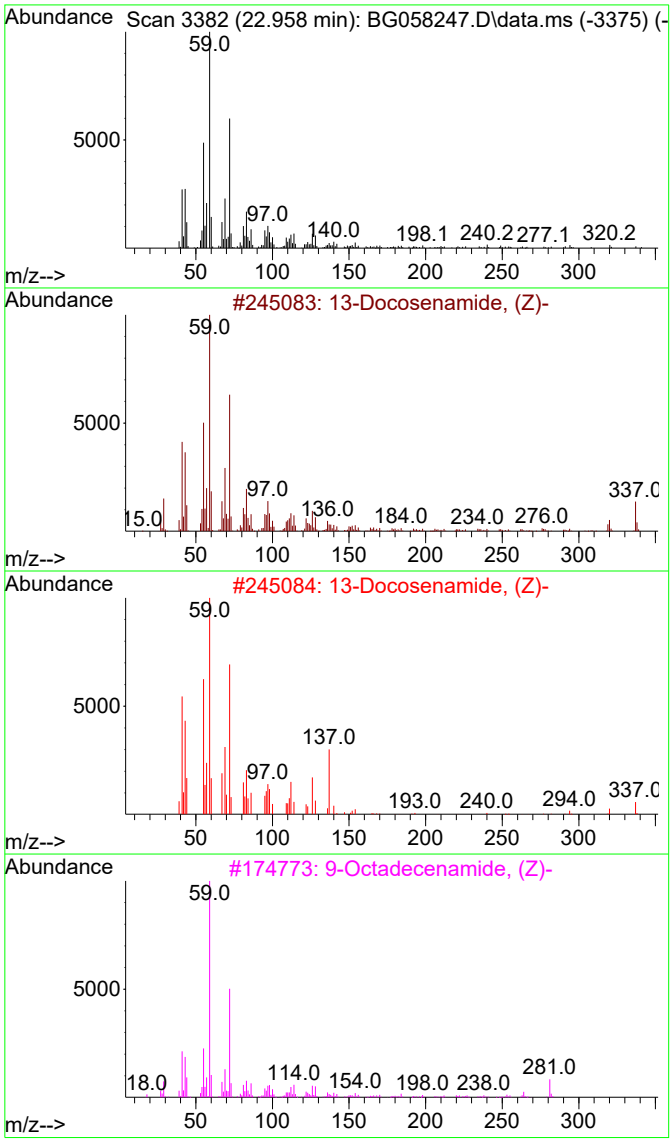
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

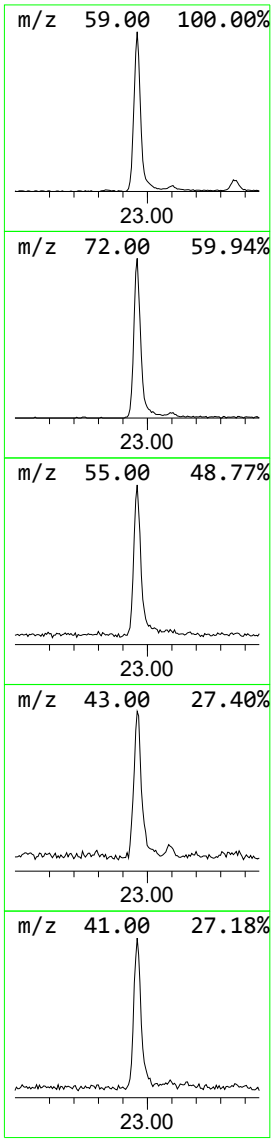
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.958	13.17 ng/ul	643837	Chrysene-d12	21.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4	Hexadecanamide	255	C16H33NO	000629-54-9	72
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058247.D
Acq On : 15 Jul 2023 3:36
Operator : CG/JU
Sample : 03437-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46G6

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	3.158	253.3	ng/ul	3696830	1	7.899	291949	20.0
2-Butenal, 2-et...	4.339	2.5	ng/ul	35908	1	7.899	291949	20.0
Tetrachloroethy...	4.621	3.4	ng/ul	49317	1	7.899	291949	20.0
unknown-01	5.361	2.4	ng/ul	35044	1	7.899	291949	20.0
p-Xylene	5.543	4.0	ng/ul	58463	1	7.899	291949	20.0
2-Cyclohexen-1-ol	5.802	41.8	ng/ul	610119	1	7.899	291949	20.0
Cyclohexene, 3-...	6.178	4.6	ng/ul	67394	1	7.899	291949	20.0
2-Cyclohexen-1-one	6.524	70.1	ng/ul	1023280	1	7.899	291949	20.0
Cyclohexanone, ...	7.617	2.9	ng/ul	42586	1	7.899	291949	20.0
7-Oxabicyclo[4....	7.976	5.0	ng/ul	72584	1	7.899	291949	20.0
unknown-02	8.075	7.7	ng/ul	111629	1	7.899	291949	20.0
unknown-03	8.152	10.0	ng/ul	146049	1	7.899	291949	20.0
2-Chlorocyclohe...	8.222	144.7	ng/ul	2112650	1	7.899	291949	20.0
unknown-04	8.663	4.5	ng/ul	64957	1	7.899	291949	20.0
Cyclohexane, 1,...	8.892	7.7	ng/ul	112098	1	7.899	291949	20.0
unknown-05	9.198	3.2	ng/ul	46351	1	7.899	291949	20.0
(DEL) Alkane: C...	14.174	2.6	ng/ul	88442	3	14.539	690025	20.0
unknown-06	16.971	2.9	ng/ul	133943	4	17.282	916581	20.0
13-Docosenamide...	22.958	13.2	ng/ul	643837	5	21.536	978067	20.0