LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4737

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: BG058450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.517	69	73	77	rBV2	7705	11981	1.29%	0.099%
2	3.652	92	96	104	rBV2	61740	121556	13.06%	1.006%
3	3.722	105	108	112	rVV	28796	39801	4.28%	0.330%
4	3.769	112	116	120	rVB	22048	29354	3.15%	0.243%
5	3.810	120	123	126	rBV	10027	11831	1.27%	0.098%
6	3.893	134	137	142	rVB4	13651	19998	2.15%	0.166%
7	3.975	145	151	160	rBV2	76082	129554	13.92%	1.073%
8	4.145	175	180	188	rBV	24118	42067	4.52%	0.348%
9	4.216	189	192	200	rVB4	7964	12324	1.32%	0.102%
10	4.363	212	217	222	rBV	26444	39836	4.28%	0.330%
11	4.498	236	240	243	rBV	10224	15118	1.62%	0.125%
12	4.545	243	248	252	rVV	178498	273310	29.37%	2.263%
13	4.586	252	255	267	rVB	62023	103783	11.15%	0.859%
14	4.903	305	309	314	rVB	8932	13809	1.48%	0.114%
15	4.997	320	325	339	rVB3	16582	34994	3.76%	0.290%
16	5.285	370	374	381	rBV3	7541	13840	1.49%	0.115%
17	5.702	440	445	450	rBV3	14655	25480	2.74%	0.211%
18	5.749	450	453	457	rVB2	7214	9464	1.02%	0.078%
19	5.814	459	464	472	rBV7	8829	21933	2.36%	0.182%
20	6.114	509	515	520	rBV4	15092	27713	2.98%	0.229%
21	6.619	596	601	602	rBV3	9339	11262	1.21%	0.093%
22	6.648	602	606	612	rVV2	14965	28778	3.09%	0.238%
23	6.983	657	663	671	rBV	74742	142430	15.30%	1.179%
24	7.148	685	691	698	rBV	65467	111721	12.00%	0.925%
25	7.347	719	725	736	rVB	79685	137754	14.80%	1.141%
26	7.500	746	751	760	rBV5	19158	41543	4.46%	0.344%
27	7.759	791	795	799	rVV5	4200	7318	0.79%	0.061%
28	7.817	799	805	813	rVB	130983	218260	23.45%	1.807%
29	7.988	827	834	838	rBV3	12210	22441	2.41%	0.186%
30	8.058	841	846	852	rVV2	16605	30223	3.25%	0.250%
31	8.164	861	864	873	rVB2	6900	12155	1.31%	0.101%
32	8.528	920	926	934	rVV2	49056	94893	10.20%	0.786%
33	8.640	942	945	954	rVB3	10424	19086	2.05%	0.158%
34	8.787	960	970	974	rBV9	12557	30084	3.23%	0.249%
35	8.840	976	979	983	rVV5	5162	9816	1.05%	0.081%
36	8.981	996	1003	1011	rBV	66448	125808	13.52%	1.042%

LSC Area Percent Report

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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4737

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	9.233	1041	1046	1048	rBV4	4771	8175	0.88%	0.068%
38	9.363	1065	1068	1075	rVB6	5234	9136	0.98%	0.076%
39	9.703	1119	1126	1140	rVB2	57790	114156	12.27%	0.945%
40	9.974	1167	1172	1178	rBV7	12096	27107	2.91%	0.224%
41	10.244	1209	1218	1226	rBV	76471	172617	18.55%	1.429%
42	10.473	1253	1257	1263	rVB2	13449	22284	2.39%	0.185%
43	10.620	1275	1282	1289	rBV	192958	349452	37.55%	2.893%
44	10.790	1303	1311	1317	rBV3	15438	36001	3.87%	0.298%
45	10.990	1336	1345	1350	rBV7	10948	26515	2.85%	0.220%
46	11.037	1350	1353	1360	rVB2	13176	21925	2.36%	0.182%
47	11.249	1385	1389	1392	rVV2	15212	25062	2.69%	0.208%
48	11.284	1393	1395	1401	rVV2	16007	22712	2.44%	0.188%
49	11.354	1401	1407	1414	rVV3	18398	42039	4.52%	0.348%
50	11.431	1416	1420	1430	rVV5	13671	24264	2.61%	0.201%
51	11.537	1432	1438	1444	rBV8	4180	8706	0.94%	0.072%
52	11.637	1452	1455	1461	rBV7	2942	7247	0.78%	0.060%
53	11.807	1479	1484	1488	rBV4	4135	7331	0.79%	0.061%
54	12.347	1572	1576	1581	rVB3	5140	7736	0.83%	0.064%
55	12.676	1625	1632	1637	rBV6	10161	18039	1.94%	0.149%
56	12.829	1652	1658	1661	rBV3	9607	16284	1.75%	0.135%
57	12.864	1661	1664	1668	rVV3	10642	14660	1.58%	0.121%
58	13.282	1730	1735	1741	rVV6	5610	10362	1.11%	0.086%
59	13.869	1829	1835	1839	rVV	228964	341853	36.73%	2.830%
60	13.916	1839	1843	1851	rVB	66897	104168	11.19%	0.862%
61	14.157	1877	1884	1898	rVV	252598	412913	44.37%	3.419%
62	14.292	1901	1907	1913	rVB7	4284	8322	0.89%	0.069%
63	14.463	1928	1936	1943	rBV	367721	573343	61.61%	4.747%
64	14.527	1943	1947	1953	rVB2	9524	12984	1.40%	0.108%
65	14.586	1953	1957	1961	rVB3	5045	6797	0.73%	0.056%
66	14.686	1968	1974	1986	rBV7	24704	83728	9.00%	0.693%
67	14.886	2006	2008	2015	rVB7	14051	18993	2.04%	0.157%
68	15.250	2064	2070	2074	rBV5	5269	10366	1.11%	0.086%
69	15.456	2098	2105	2111	rBV	373024	568023	61.03%	4.703%
70	15.508	2112	2114	2120	rVB3	15248	19737	2.12%	0.163%
71	15.579	2120	2126	2133	rBV2	72721	118400	12.72%	0.980%
72	15.714	2144	2149	2155	rVB	77682	107216	11.52%	0.888%
73	15.808	2161	2165	2171	rVB5	6289	9217	0.99%	0.076%
74	15.955	2182	2190	2196	rBV10	7290	20366	2.19%	0.169%
75	16.161	2220	2225	2226	rBV5	9436	13969	1.50%	0.116%
76	16.319	2248	2252	2258	rVB	34421	49433	5.31%	0.409%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

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

77	16.437	2267	2272	2277	rBV	78794	115254	12.38%	0.954%
78	16.736	2318	2323	2328	rBV4	26051	43368	4.66%	0.359%
79	17.083	2377	2382	2385	rBV	88844	125403	13.47%	1.038%
80	17.118	2385	2388	2393	rVB	67267	89647	9.63%	0.742%
81	17.206	2397	2403	2408	rBV	513413	827040	88.86%	6.848%
82	17.248	2408	2410	2414	rVV	116763	142801	15.34%	1.182%
83	17.306	2414	2420	2429	rVV	370815	609826	65.53%	5.049%
84	17.383	2429	2433	2439	rVB2	51869	84005	9.03%	0.696%
85	17.653	2475	2479	2482	rBV	53375	74725	8.03%	0.619%
86	17.688	2482	2485	2489	rVB4	43001	57499	6.18%	0.476%
87	17.806	2498	2505	2512	rVB2	144189	300196	32.26%	2.486%
88	17.923	2520	2525	2531	rBV5	30234	57945	6.23%	0.480%
89	18.094	2550	2554	2558	rBV3	79218	126660	13.61%	1.049%
90	18.276	2580	2585	2590	rBV2	96758	158338	17.01%	1.311%
91	18.335	2592	2595	2598	rVV	52712	69489	7.47%	0.575%
92	18.376	2599	2602	2610	rVB3	35039	48833	5.25%	0.404%
93	18.558	2629	2633	2636	rBV	43552	63217	6.79%	0.523%
94	18.734	2660	2663	2668	rVB	28903	37511	4.03%	0.311%
95	19.045	2713	2716	2721	rVB3	23584	28272	3.04%	0.234%
96	19.263	2748	2753	2759	rVB	205820	272941	29.33%	2.260%
97	19.598	2804	2810	2813	rBV	580760	874062	93.92%	7.237%
98	21.443	3118	3124	3130	rBV	509142	899257	96.62%	7.446%
99	24.298	3604	3610	3619	rVB2	220157	527614	56.69%	4.369%
100	24.510	3638	3646	3657	rBV	360270	930671	100.00%	7.706%

Sum of corrected areas: 12077530

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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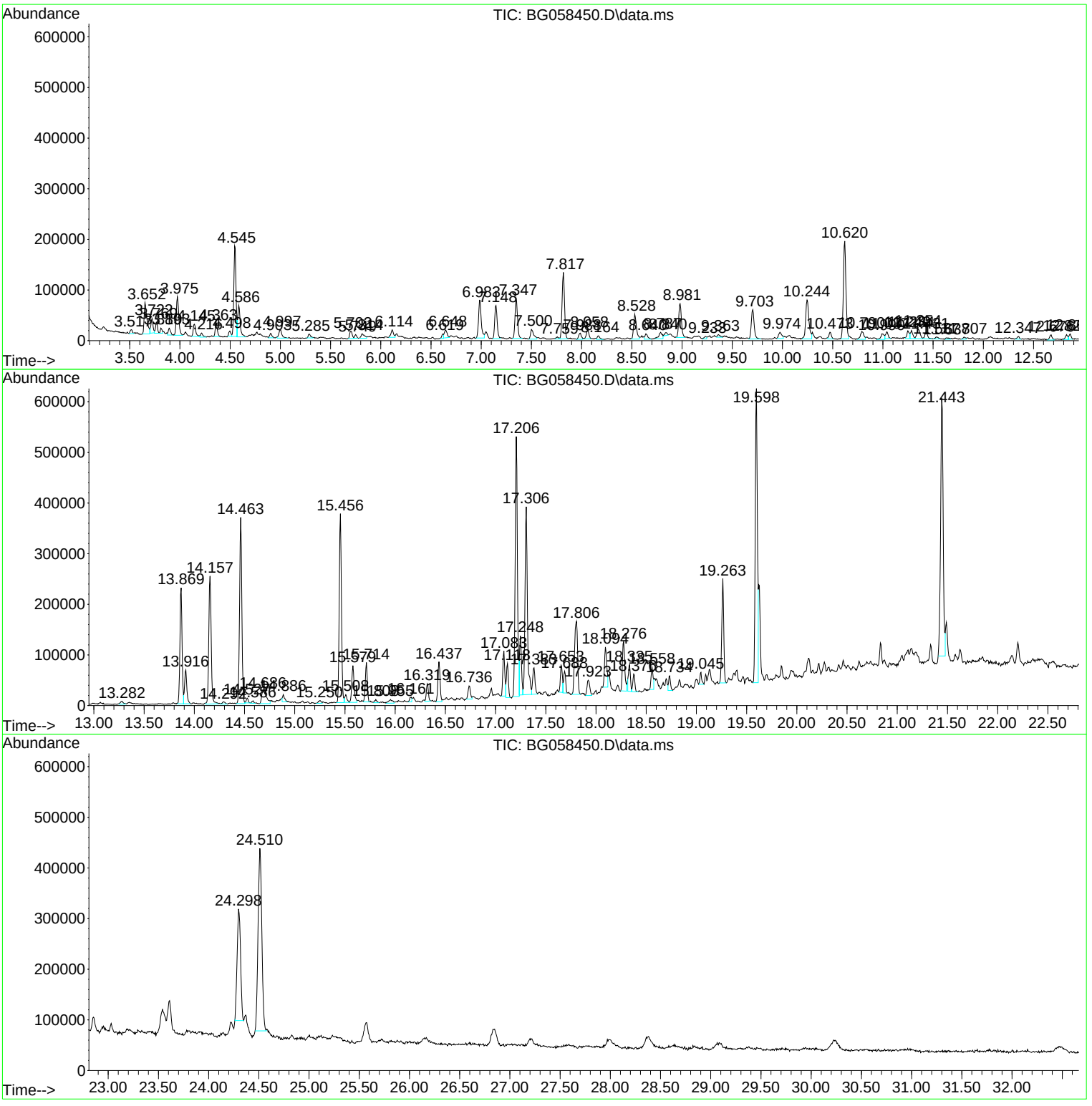
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

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\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

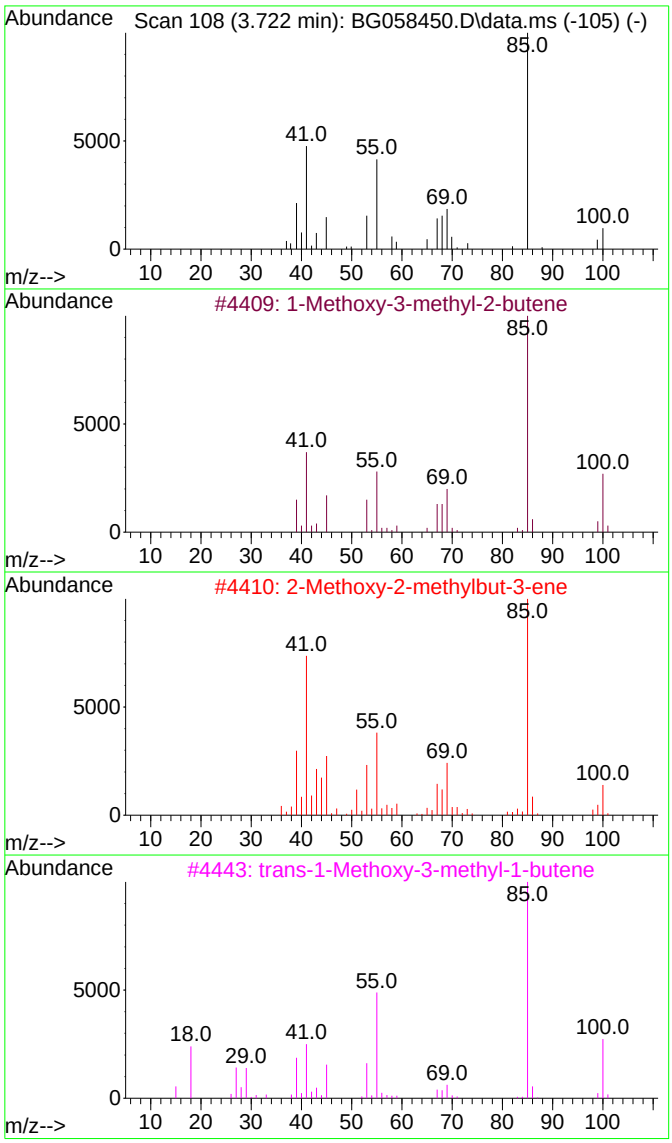
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

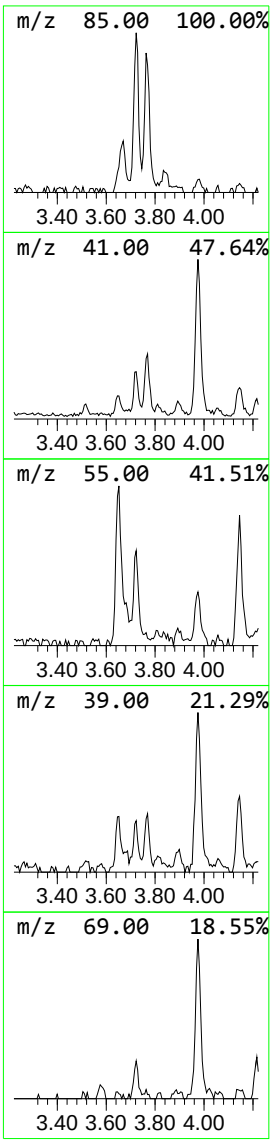
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Methoxy-3-methyl-2-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.722	3.65 ng/ul	39801	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-3-methyl-2-butene	100	C6H12O	022093-99-8	78
2	2-Methoxy-2-methylbut-3-ene	100	C6H12O	040426-44-6	47
3	trans-1-Methoxy-3-methyl-1-butene	100	C6H12O	1000139-44-0	39
4	E-4-Methoxy-2-pentene	100	C6H12O	1000279-60-2	38
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

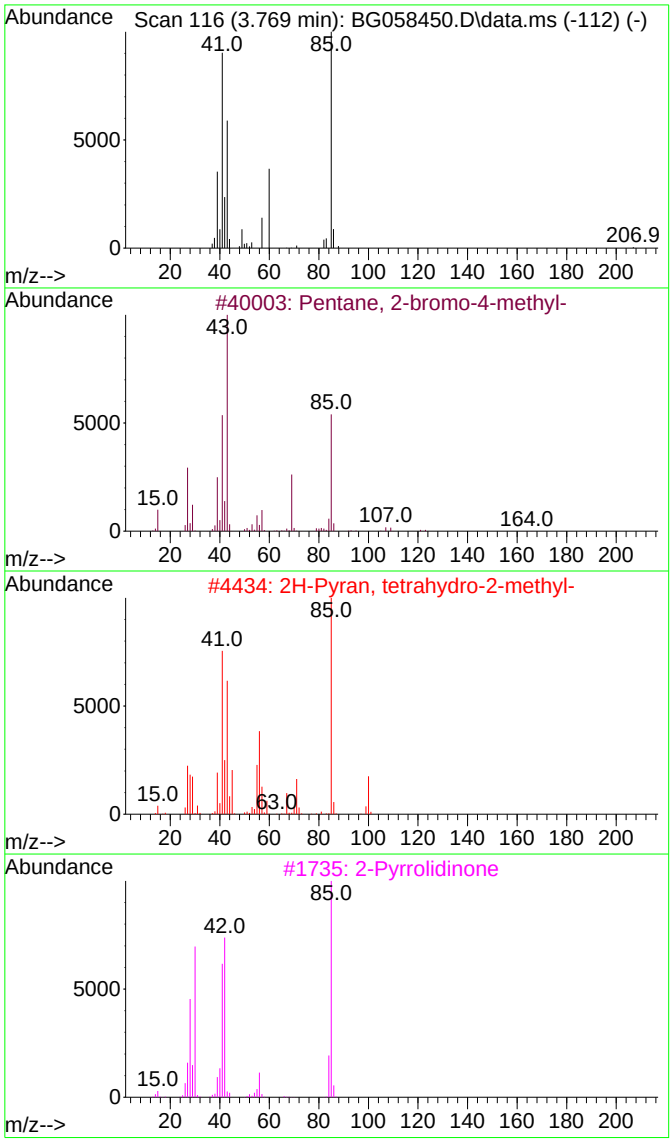
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

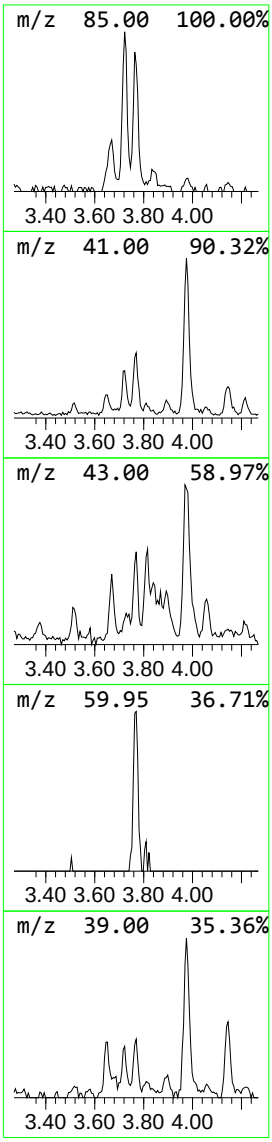
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	2.69 ng/ul	29354	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	39
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
5	Methacrylamide	85	C4H7NO	000079-39-0	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

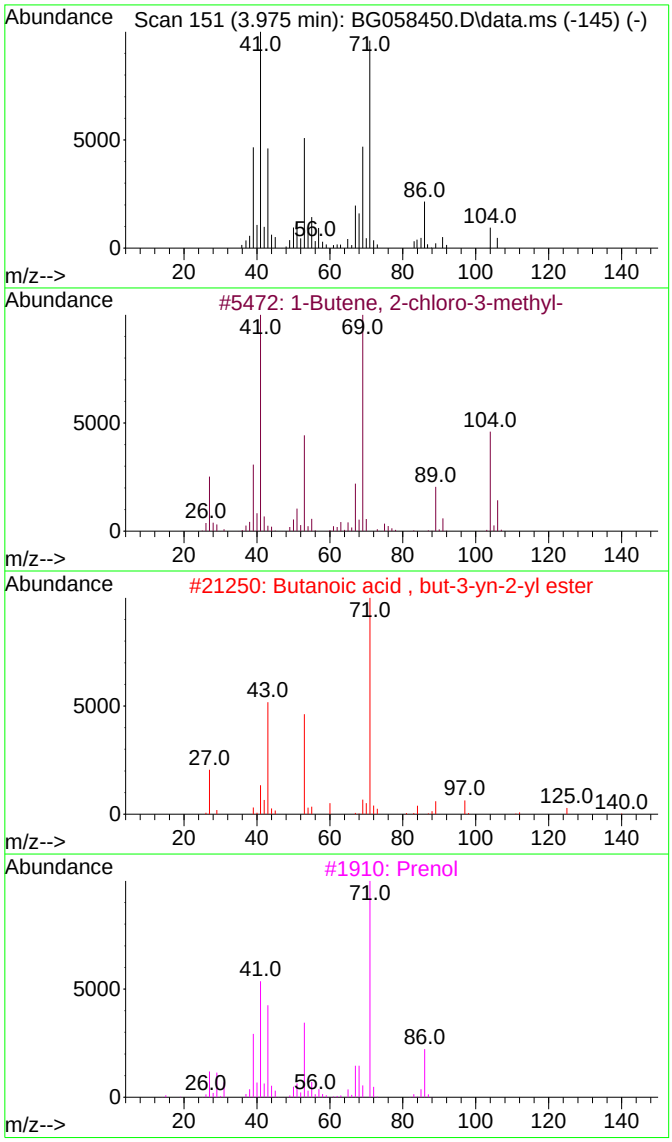
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

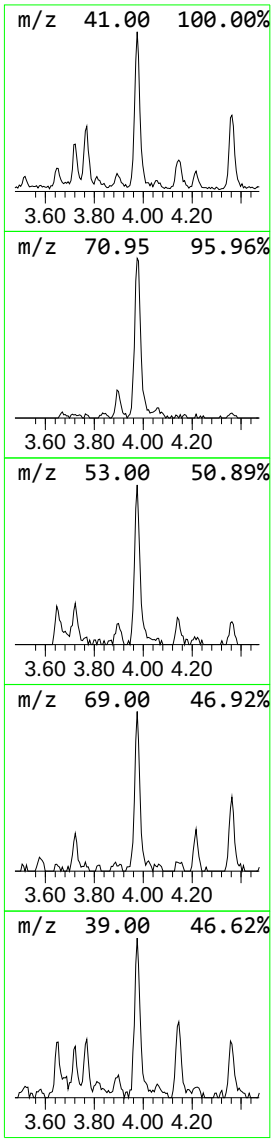
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.975	11.87 ng/ul	129554	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	43
2	Butanoic acid , but-3-yn-2-yl ester	140	C8H12O2	1000299-11-7	42
3	Prenol	86	C5H10O	000556-82-1	38
4	Prenol	86	C5H10O	000556-82-1	38
5	2-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-65-8	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

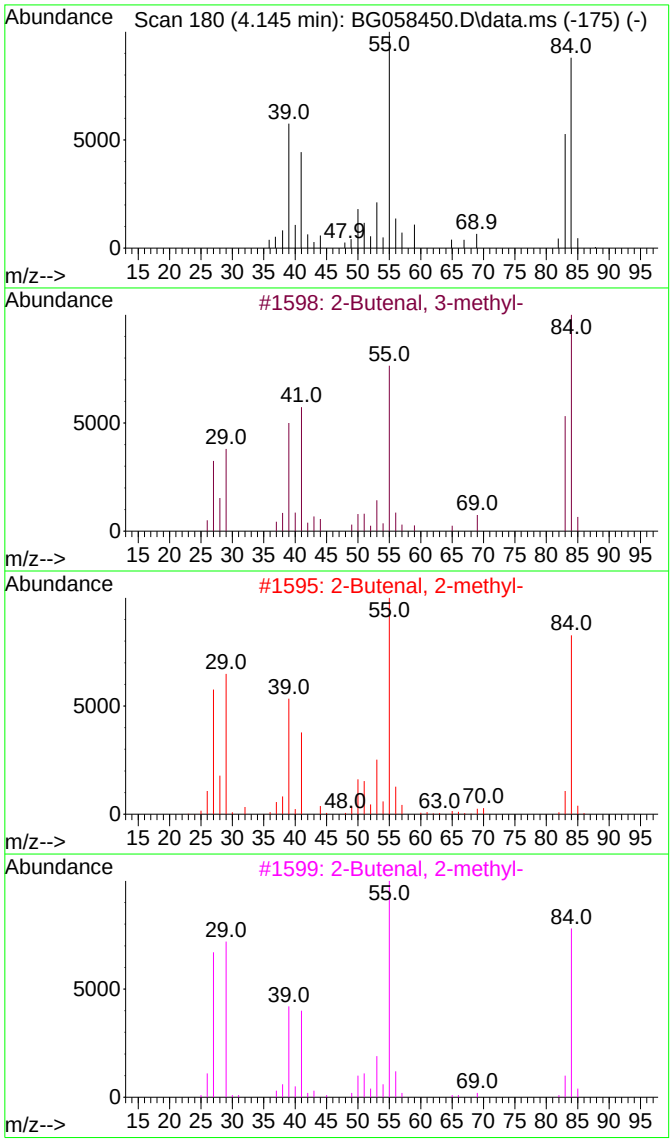
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

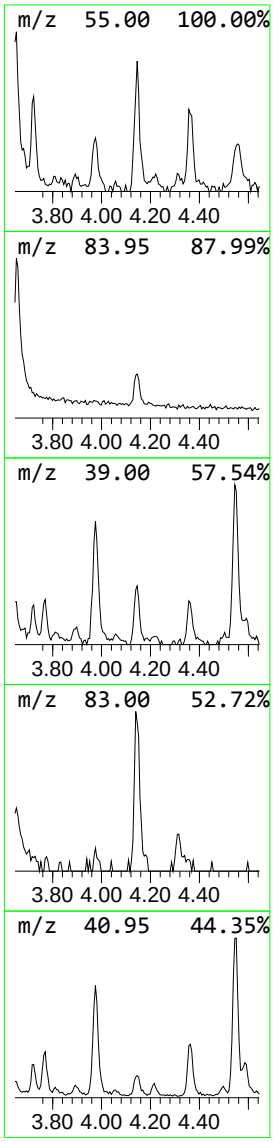
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Butenal, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.145	3.85 ng/ul	42067	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	94
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	81
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	81
4	2-Butenal, 2-methyl-, (E)-	84	C5H8O	000497-03-0	81
5	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

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

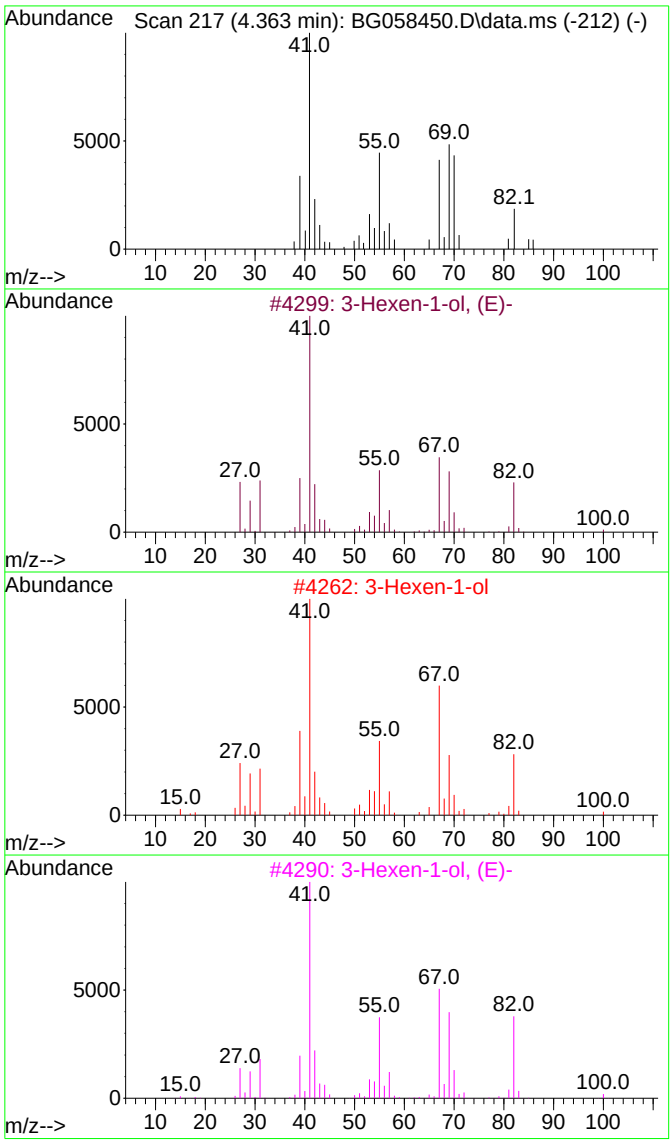
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

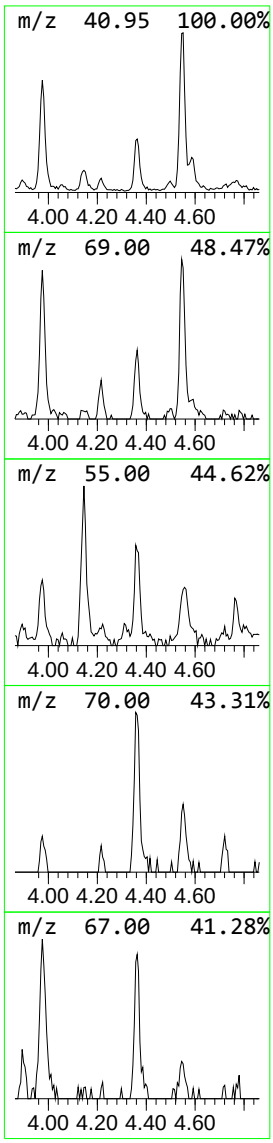
****

Peak Number 5 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.363	3.65 ng/ul	39836	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	47
2	3-Hexen-1-ol	100	C6H12O	000544-12-7	43
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	40
4	3-Hexen-1-ol	100	C6H12O	000544-12-7	37
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	28





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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

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

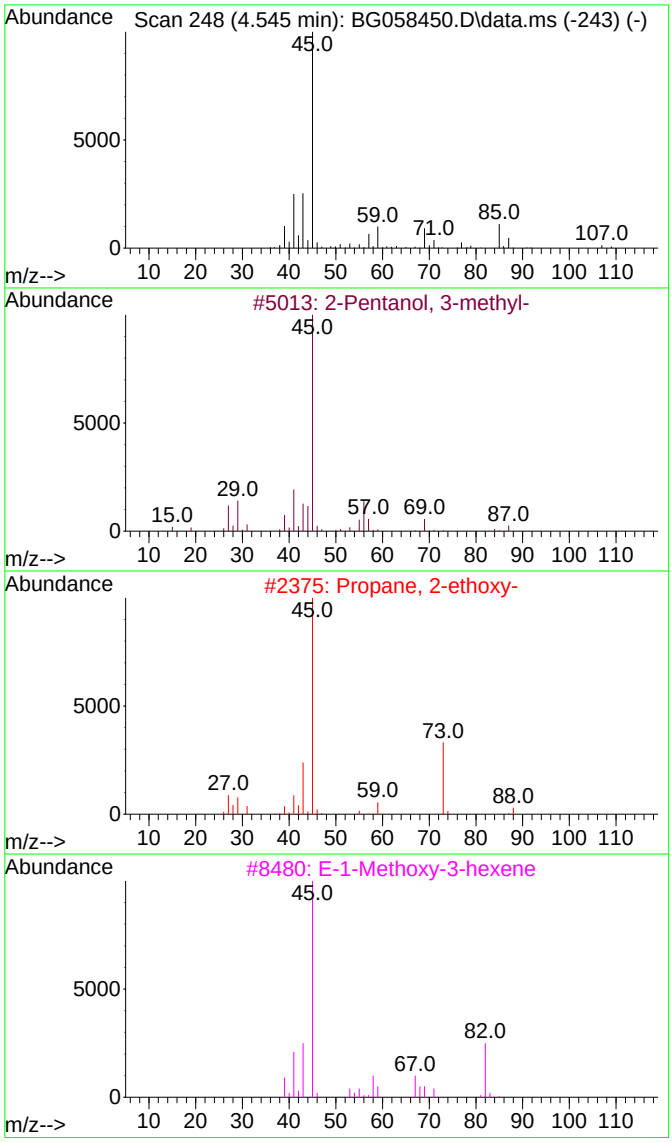
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

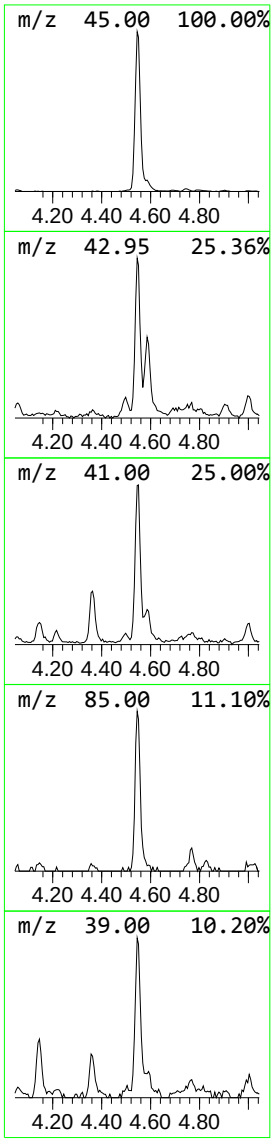
****

Peak Number 6 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.545	25.04 ng/ul	273310	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	45
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	42
3	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	39
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39
5	Diisopropyl ether	102	C6H14O	000108-20-3	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

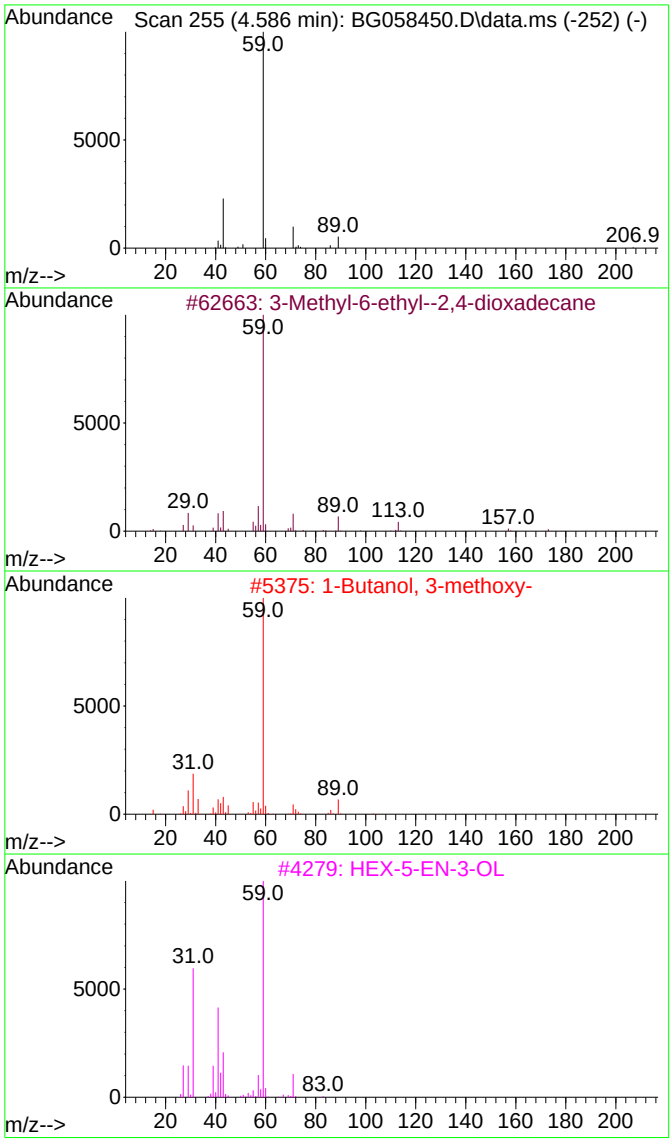
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

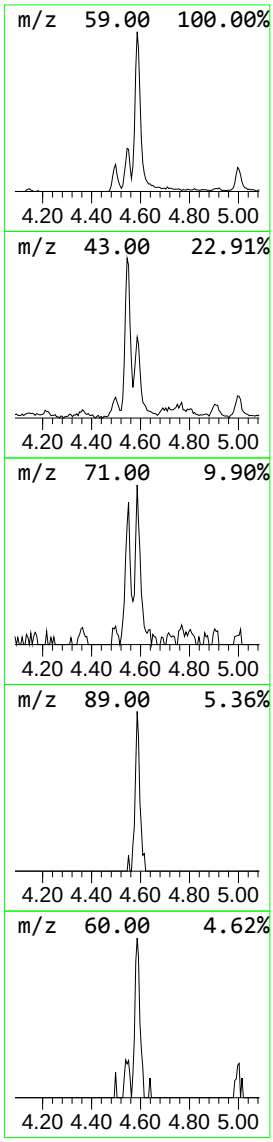
****

Peak Number 7 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.586	9.51 ng/ul	103783	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	9
2	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	9
3	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	9
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	4





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Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

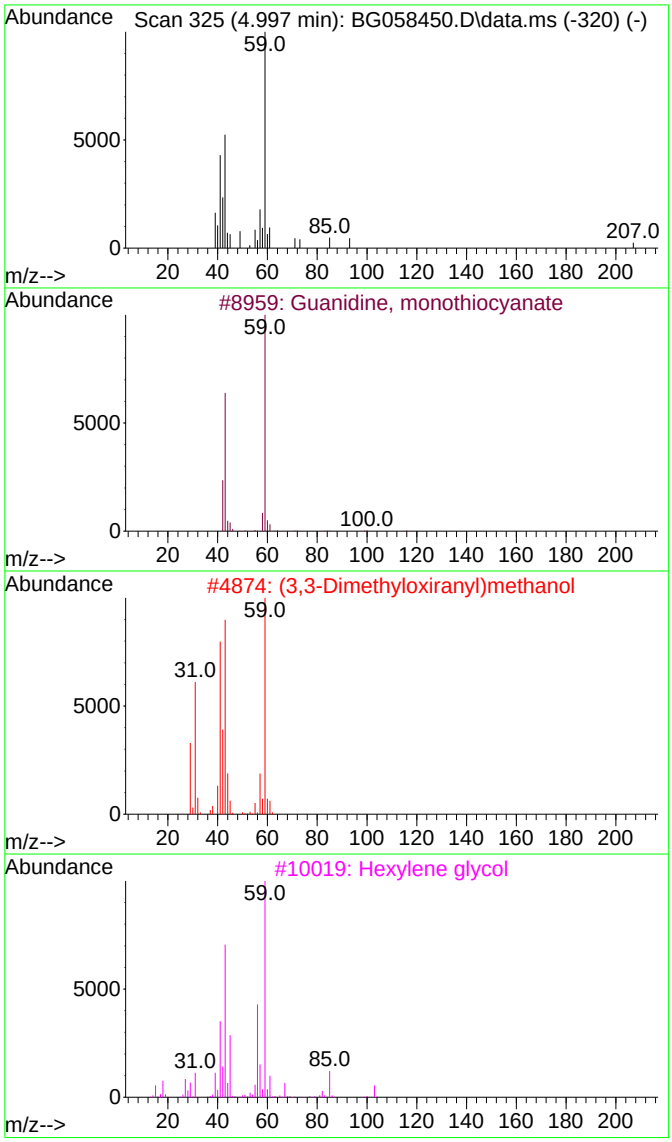
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

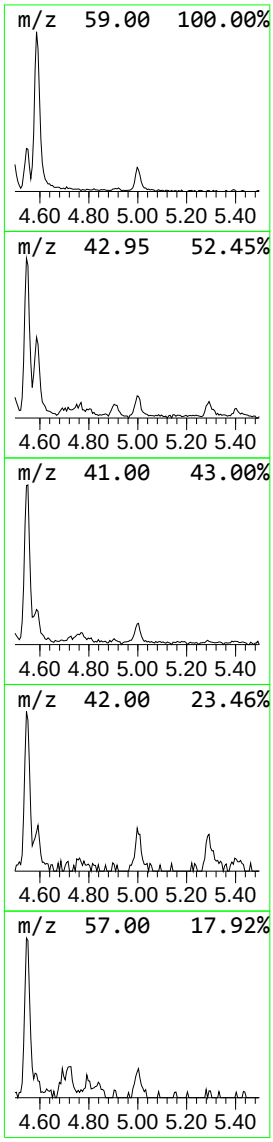
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Guanidine, monothiocyanate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.997	3.21 ng/ul	34994	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	59
2	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	56
3	Hexylene glycol	118	C6H14O2	000107-41-5	53
4	Acetamide	59	C2H5NO	000060-35-5	50
5	1,3-Dioxolane-4,5-dimethanol, 2,...	162	C7H14O4	025432-12-6	42





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Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

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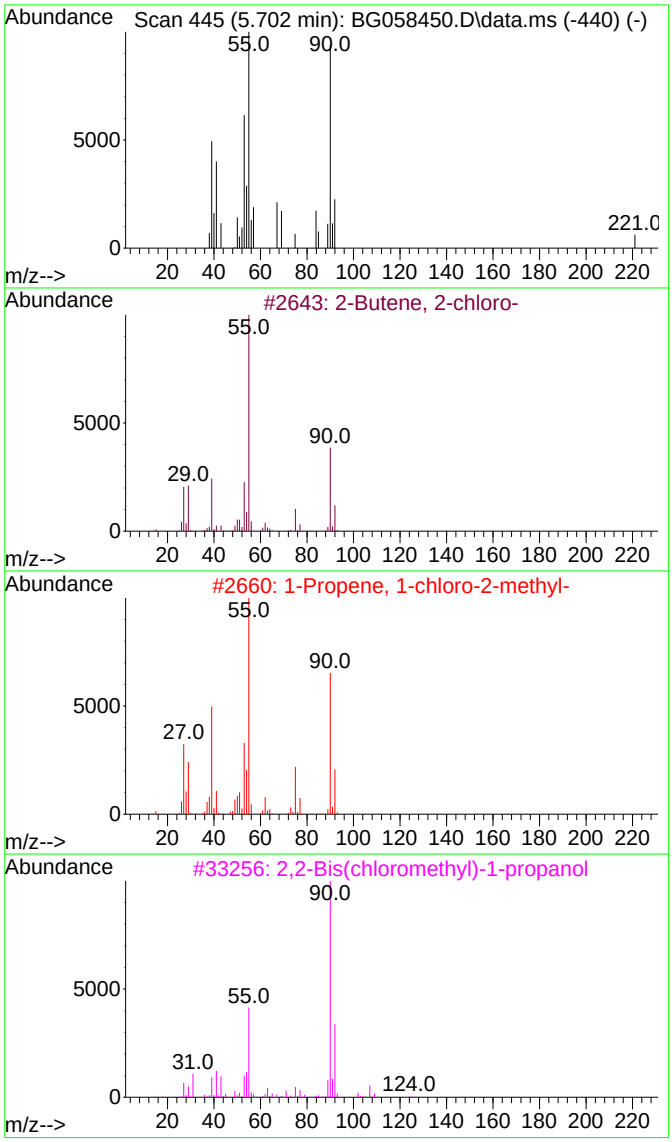
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

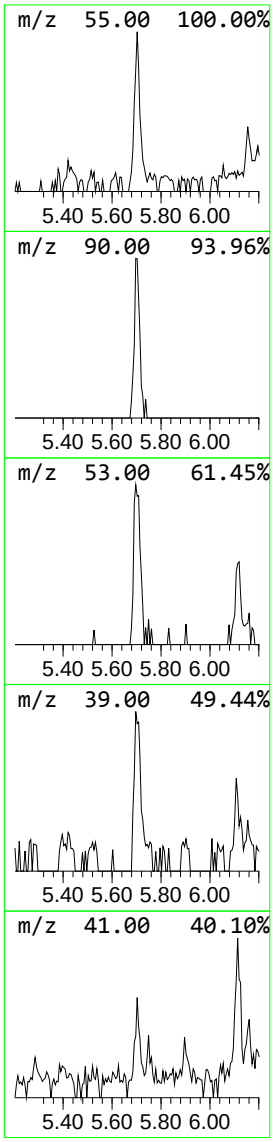
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Butene, 2-chloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.702	2.33 ng/ul	25480	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-chloro-	90	C4H7Cl	004461-41-0	50
2	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	42
3	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	40
4	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	9
5	2-Propynal	54	C3H2O	000624-67-9	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

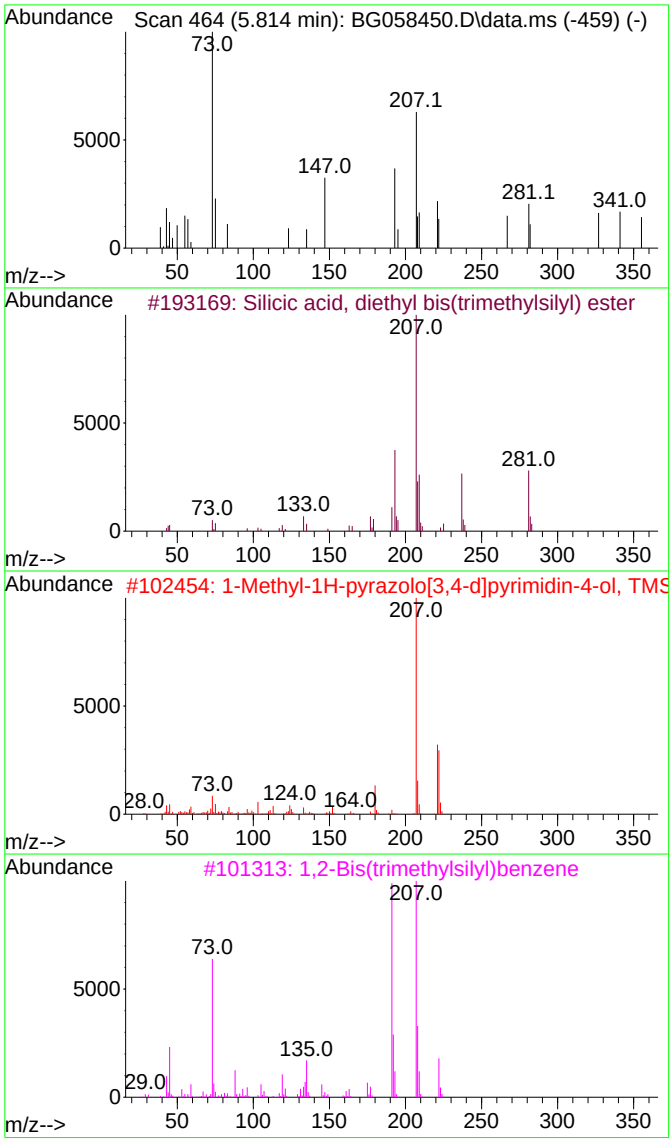
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

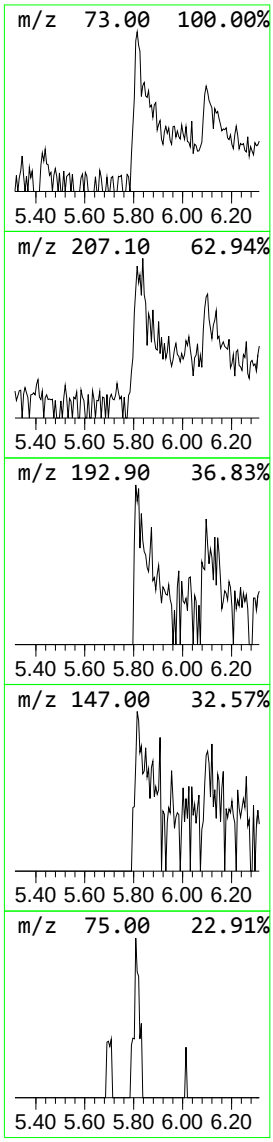
****

Peak Number 10 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.814	2.01 ng/ul	21933	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	38
2	1-Methyl-1H-pyrazolo[3,4-d]pyrim...	222	C9H14N4OSi	1000480-02-9	38
3	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	27
4	2,4-Di-tert-butylthiophenol	222	C14H22S	019728-43-9	22
5	Liguloxide	222	C15H26O	1000433-02-7	22





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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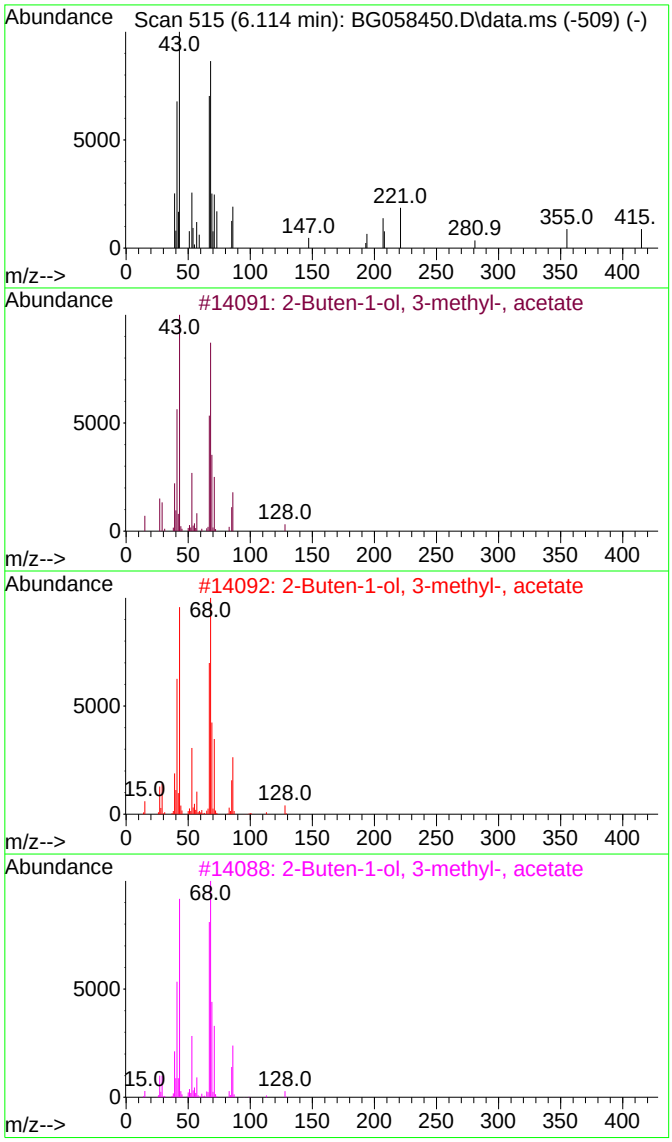
Quant Title : SVOA CALIBRATION

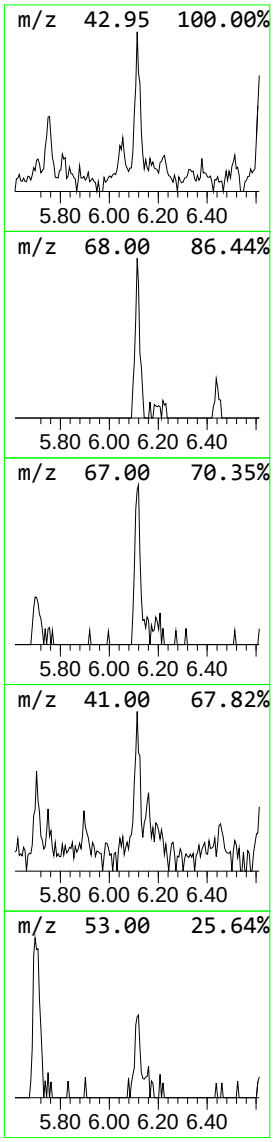
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.114	2.54 ng/ul	27713	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	59
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	59
3	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	53
4	2-Penten-1-ol, acetate, (Z)-	128	C7H12O2	042125-10-0	50
5	(E)-2-Methylbut-2-en-1-yl isobut...	156	C9H16O2	095654-17-4	45





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Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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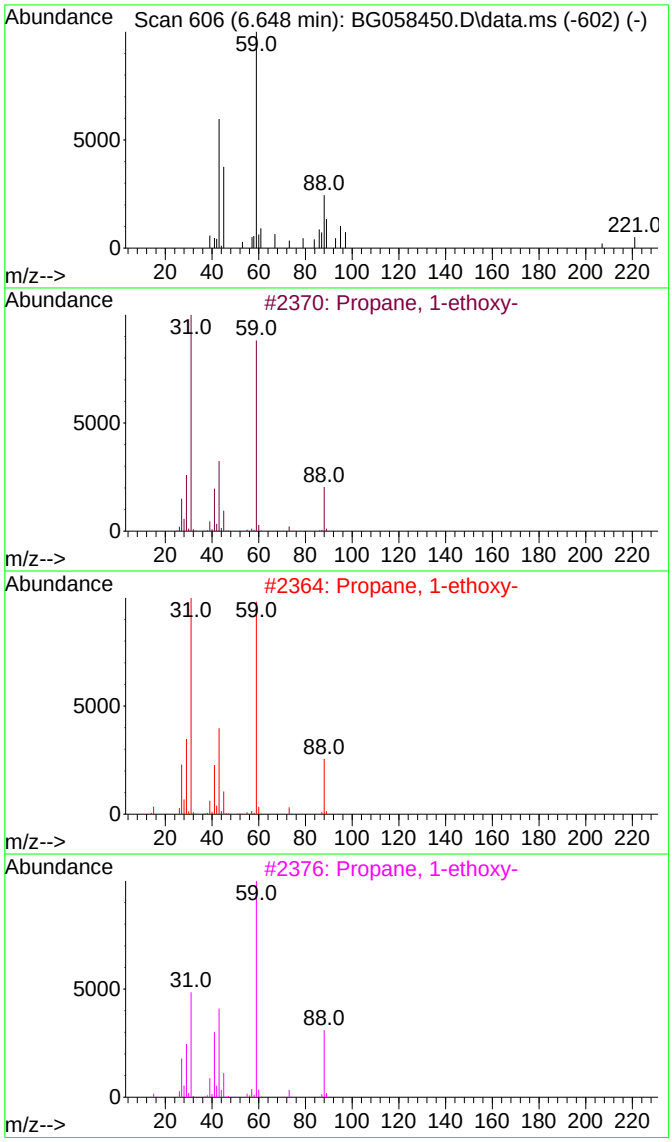
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

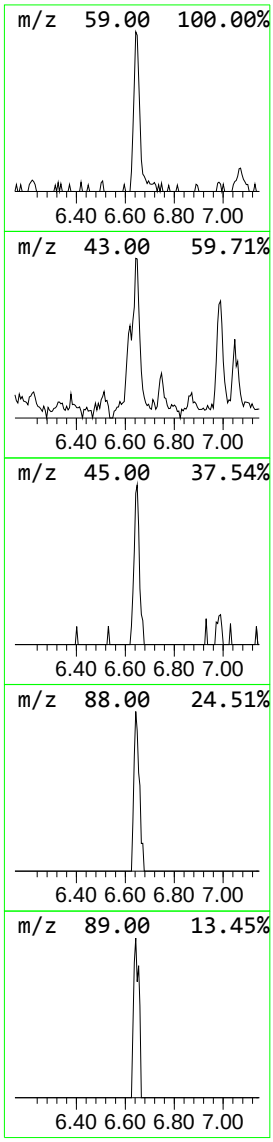
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Propane, 1-ethoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.648	2.64 ng/ul	28778	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	50
2	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	49
3	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	49
4	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	42
5	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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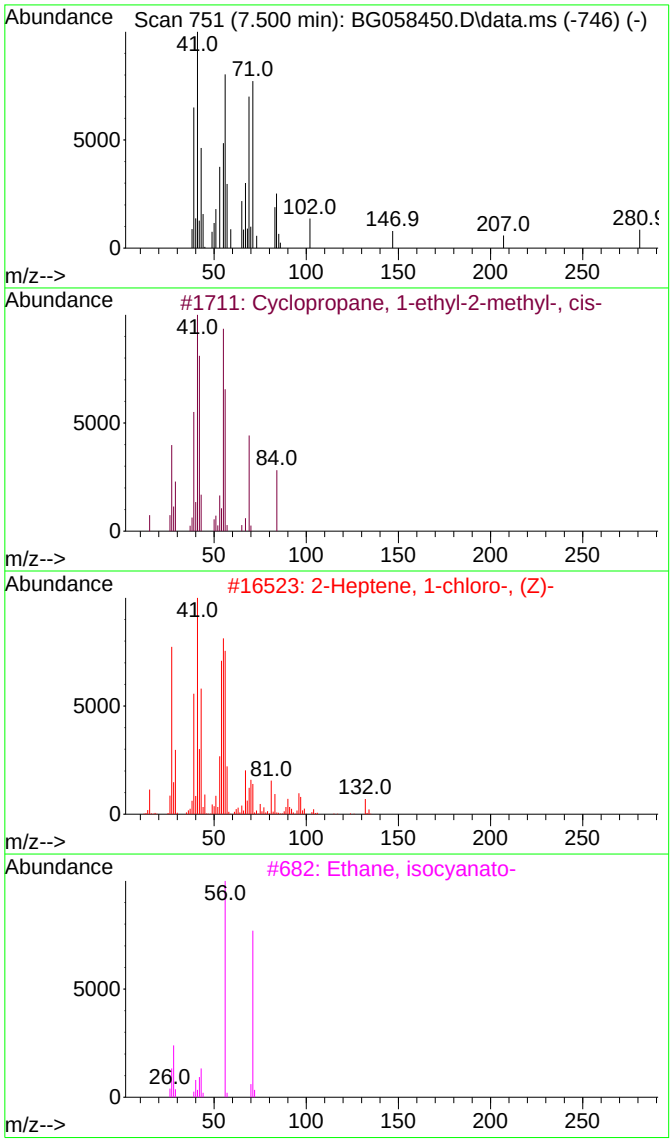
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

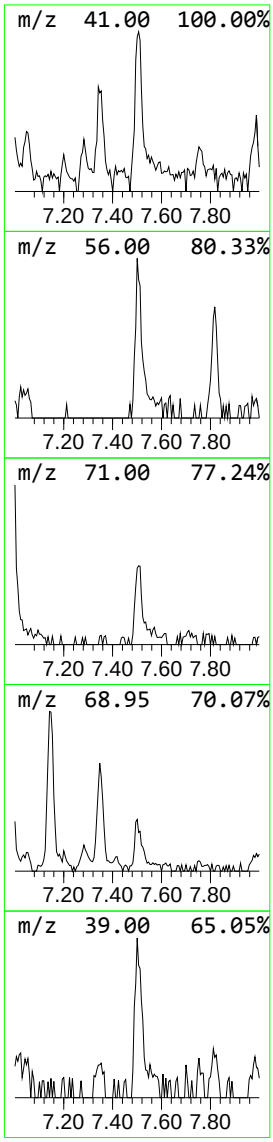
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.500 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.500	3.81 ng/ul	41543	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	38
2	2-Heptene, 1-chloro-, (Z)-	132	C7H13Cl	055638-53-4	37
3	Ethane, isocyanato-	71	C3H5NO	000109-90-0	37
4	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	37
5	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	37





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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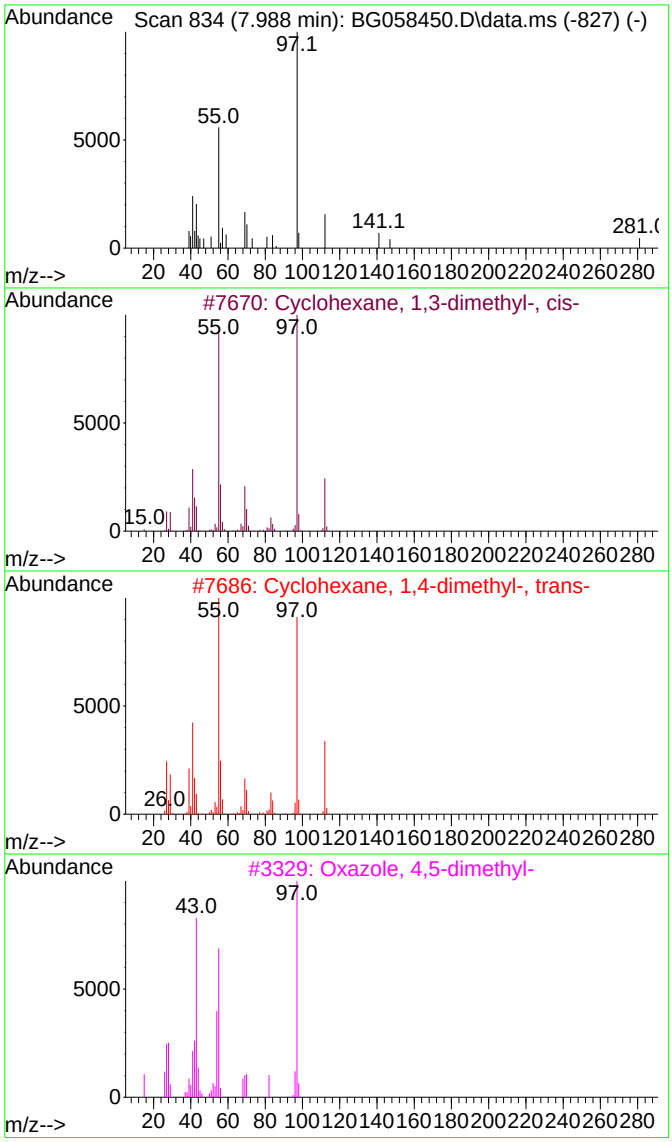
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

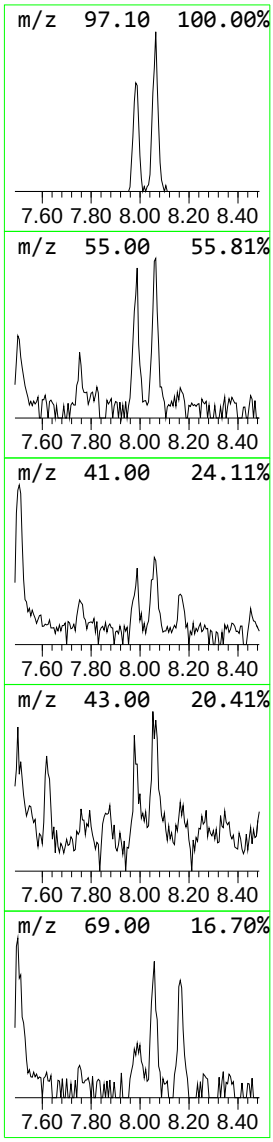
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic7.988 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.988	2.06 ng/ul	22441	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59
3	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	58
4	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	53
5	1'-Methyl-1,4'-bipiperidin-4-ami...	281	C16H31N3O	1000469-28-9	53





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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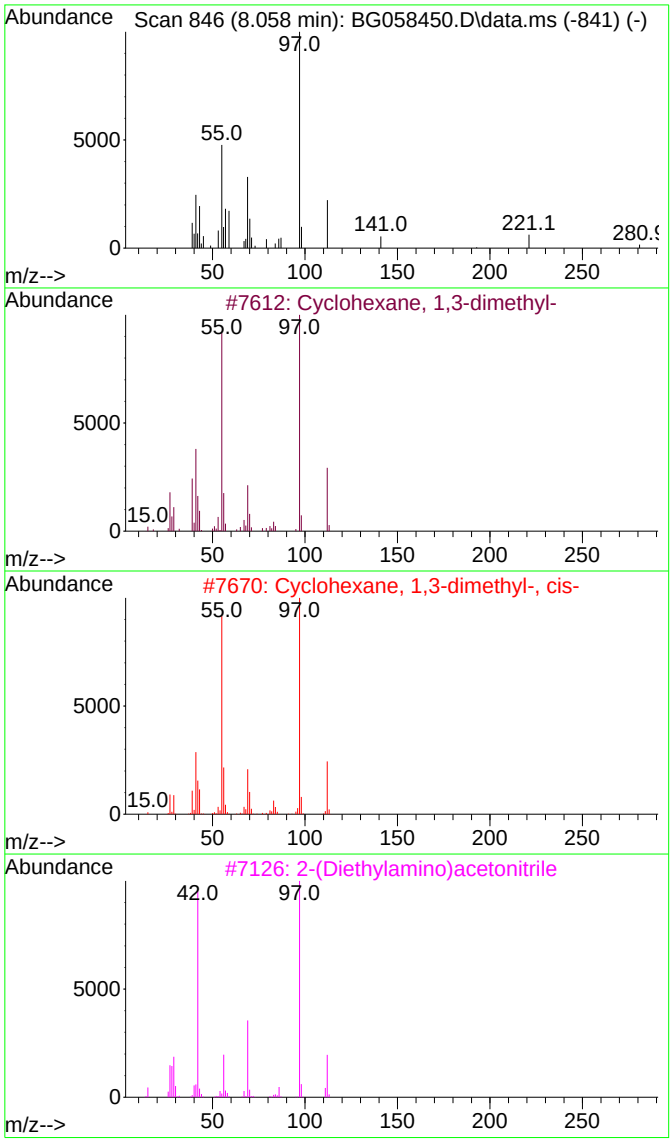
Quant Title : SVOA CALIBRATION

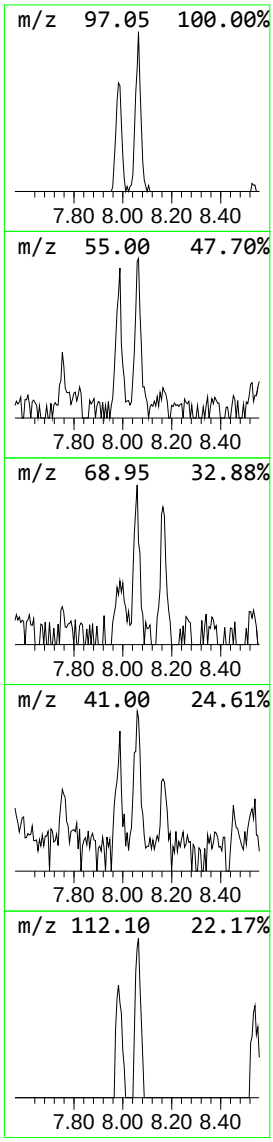
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic8.058 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.058	2.77 ng/ul	30223	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	59
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
3	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	59
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	53





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ClientSampleId :
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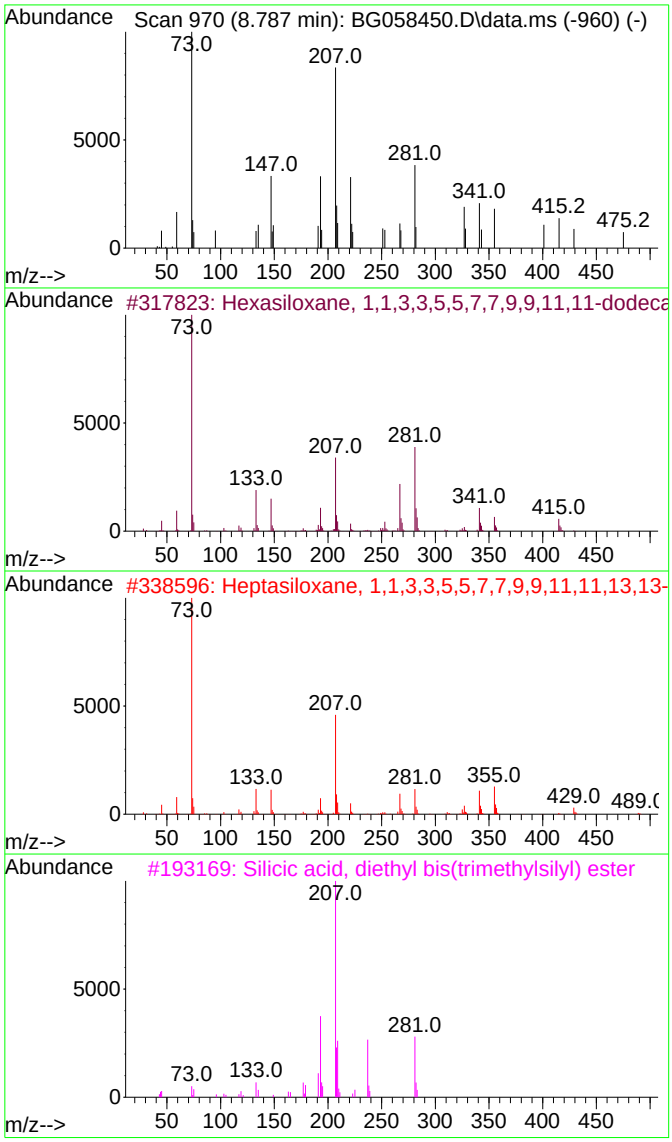
Quant Title : SVOA CALIBRATION

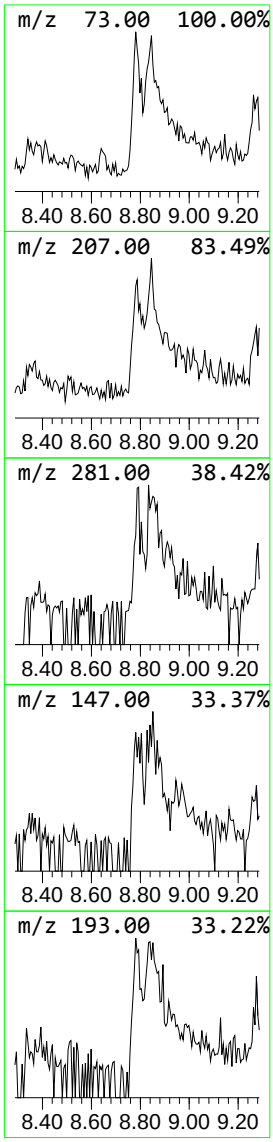
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.787	2.76 ng/ul	30084	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	38
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	38
3	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	37
4	4-tert-Butylphenol, TMS derivative	222	C13H22OSi	025237-79-0	35
5	1H,2H,3H,4H-Pyrido[3,4-b]pyrazin...	207	C10H17N3Si	1000468-11-7	35





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Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

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

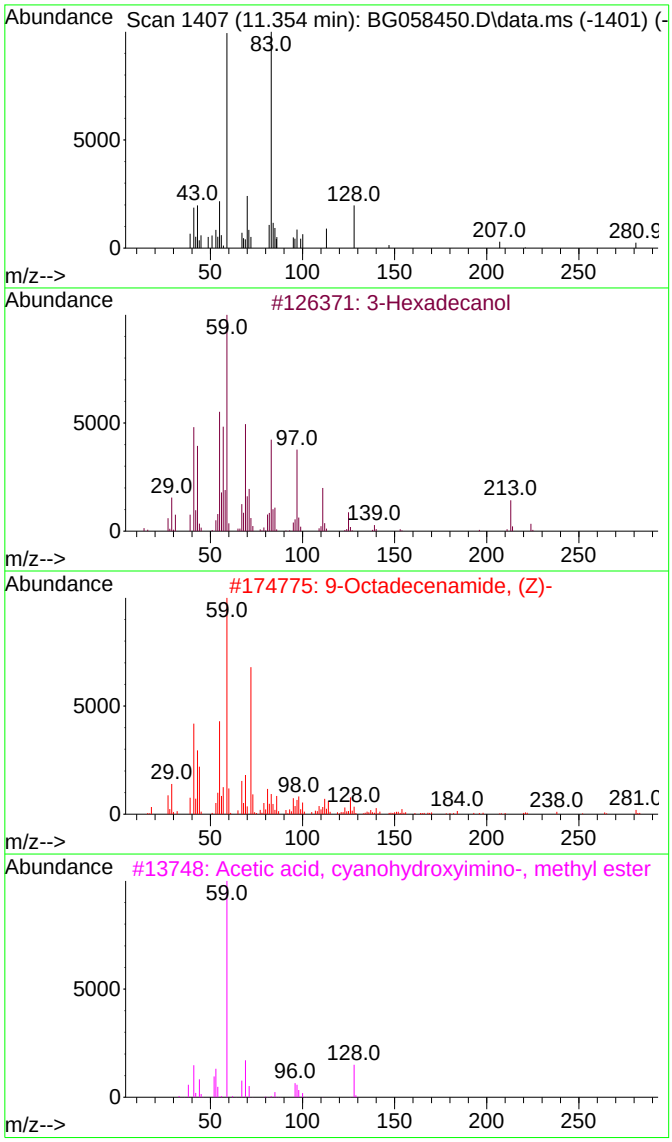
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

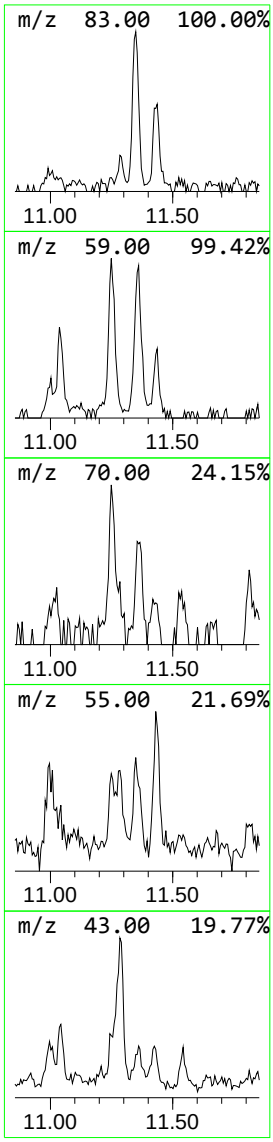
****

Peak Number 17 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.355	2.41 ng/ul	42039	Naphthalene-d8	10.620

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecanol	242	C16H34O	000593-03-3	32
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	30
3	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	27
4	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	27
5	2-Butenoic acid, 3-methyl-, 3-me...	170	C10H18O2	056922-73-7	25





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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

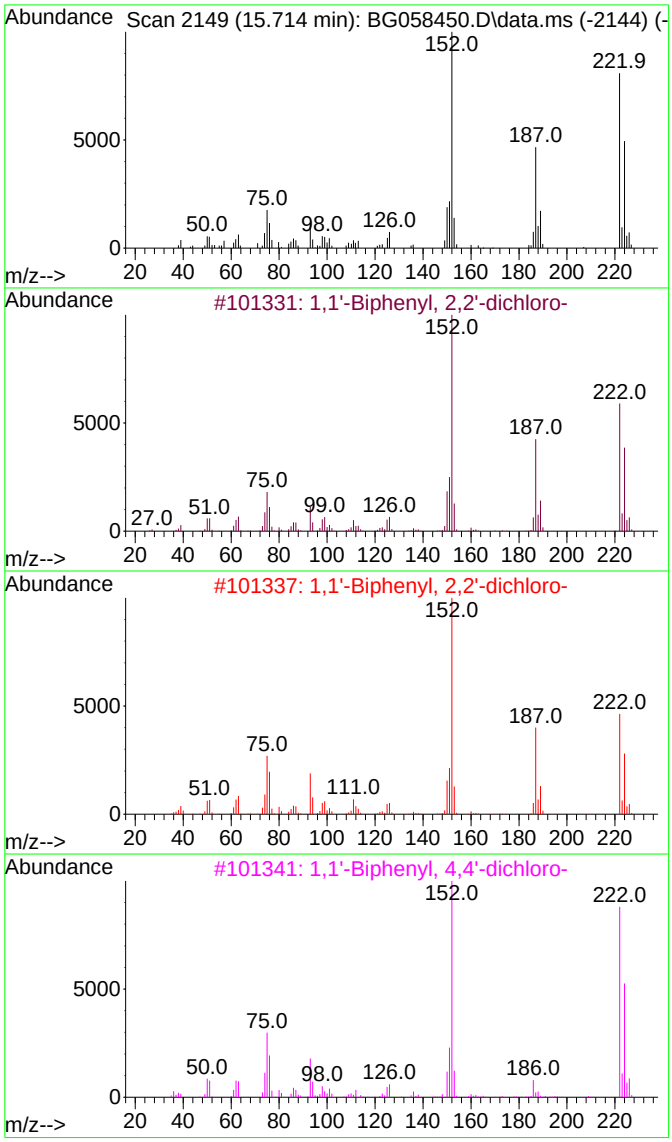
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

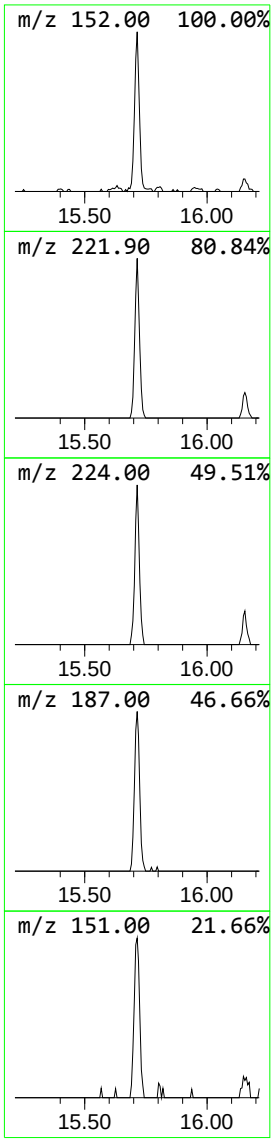
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.714	3.74 ng/ul	107216	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	96
5	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	96





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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

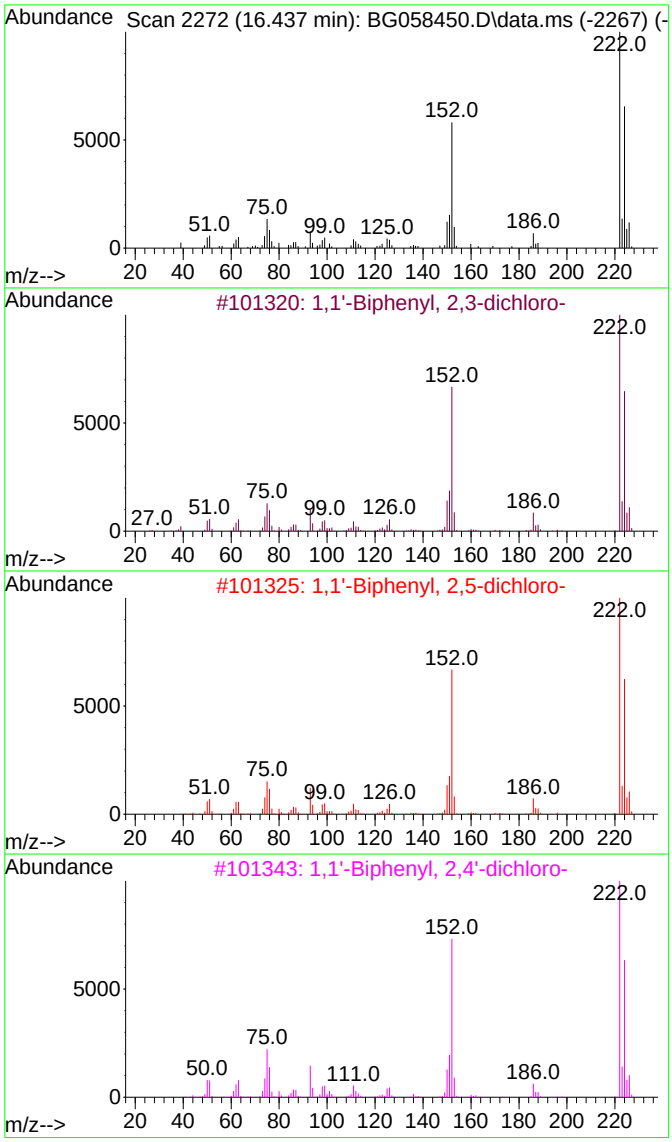
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

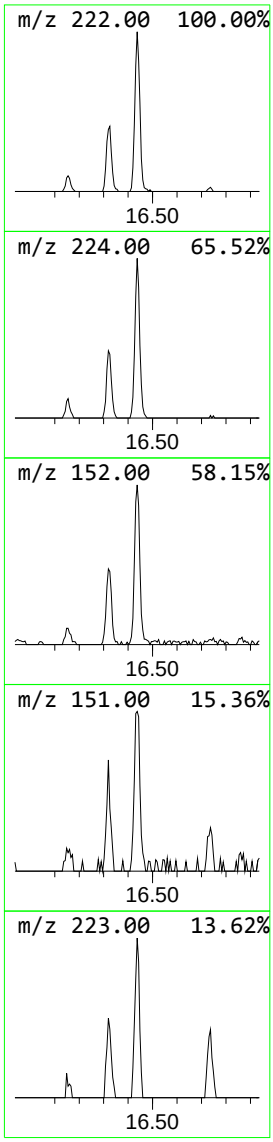
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.437	2.79 ng/ul	115254	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98





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Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

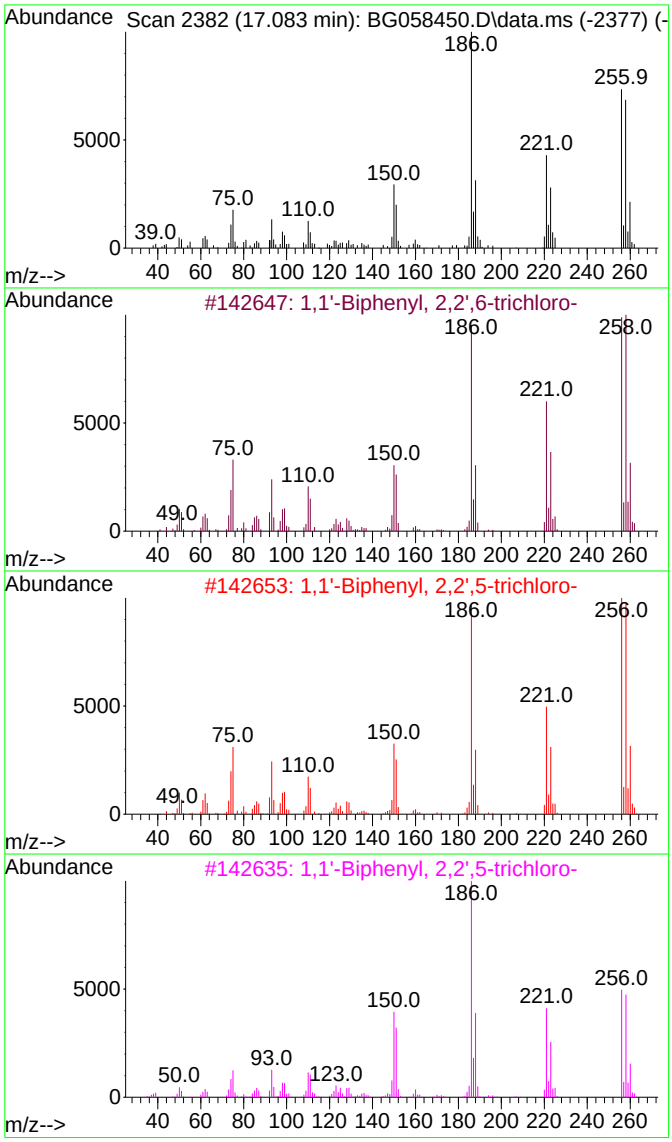
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

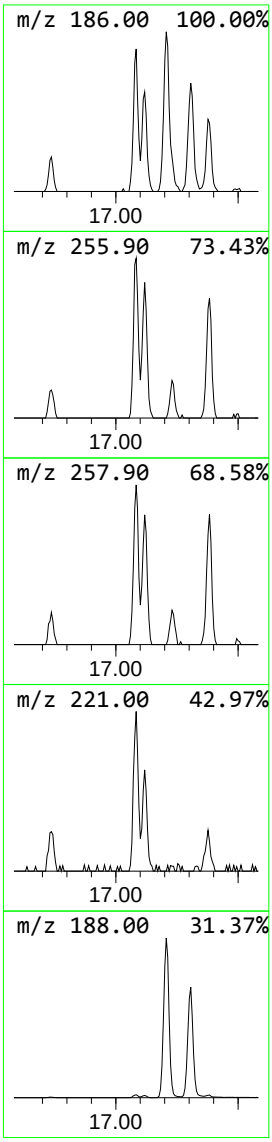
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.083	3.03 ng/ul	125403	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	96





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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

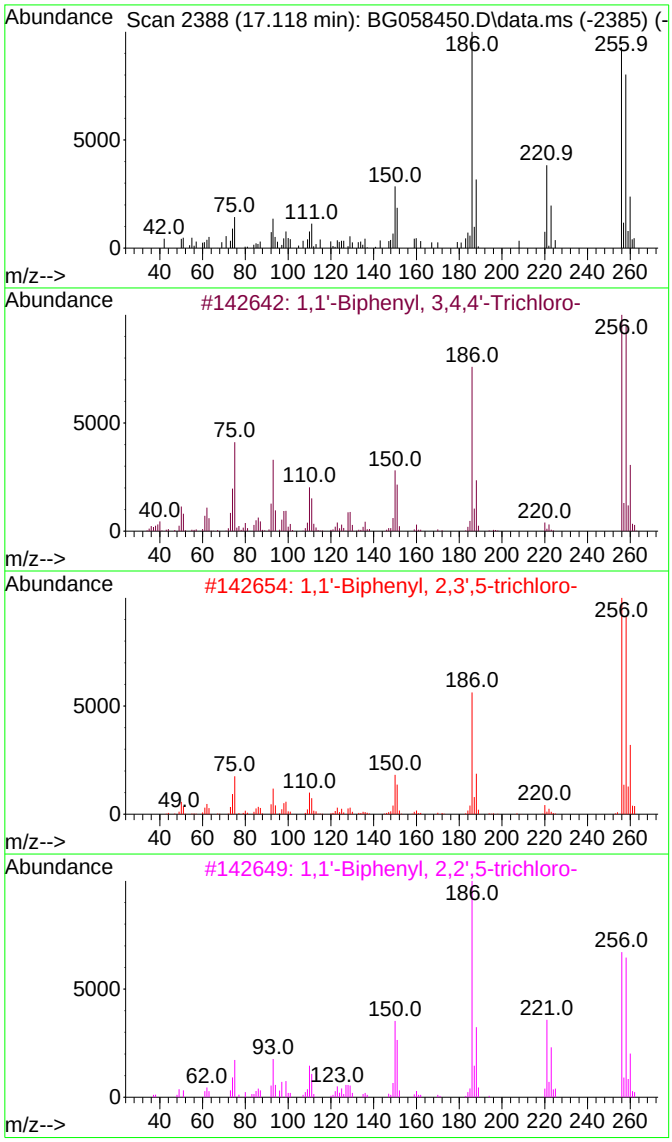
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

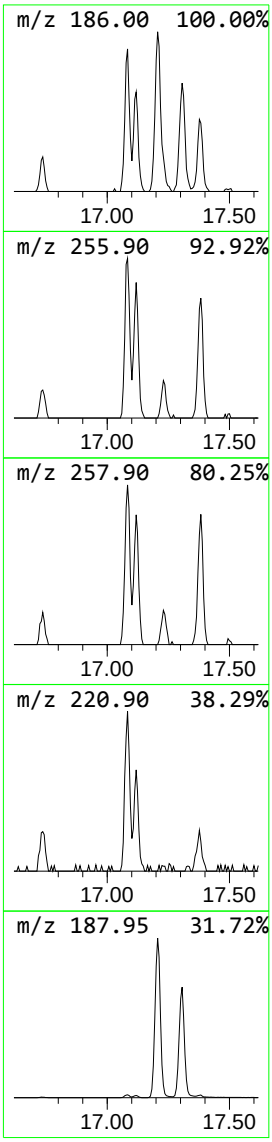
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 3,4,4'-Trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.118	2.17 ng/ul	89647	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	94
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	94
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	93
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	93
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	93





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Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

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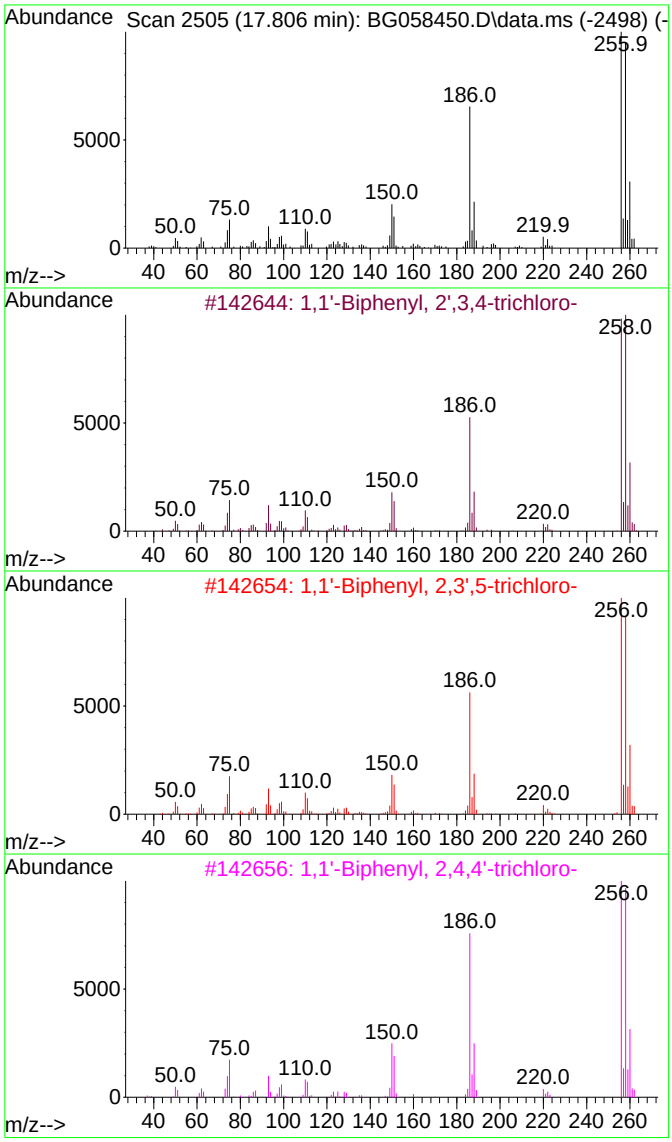
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

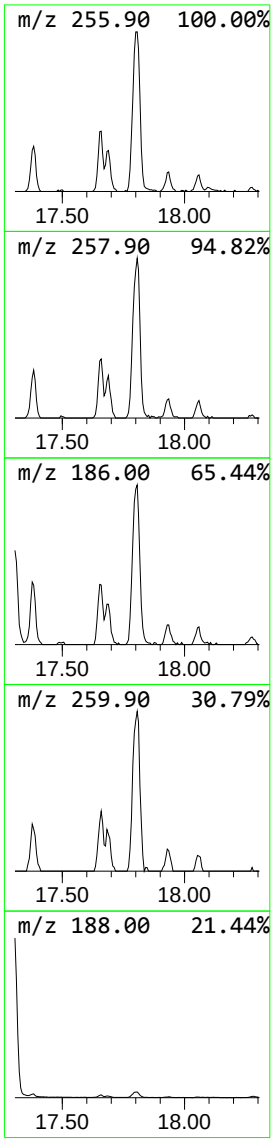
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.806	7.26 ng/ul	300196	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

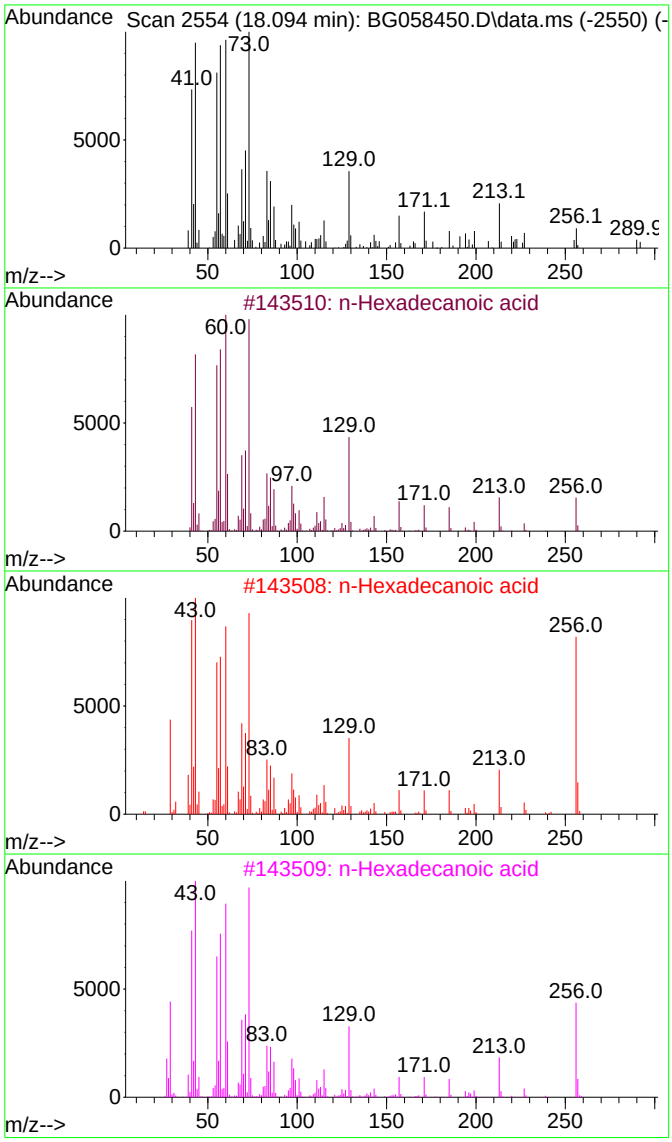
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

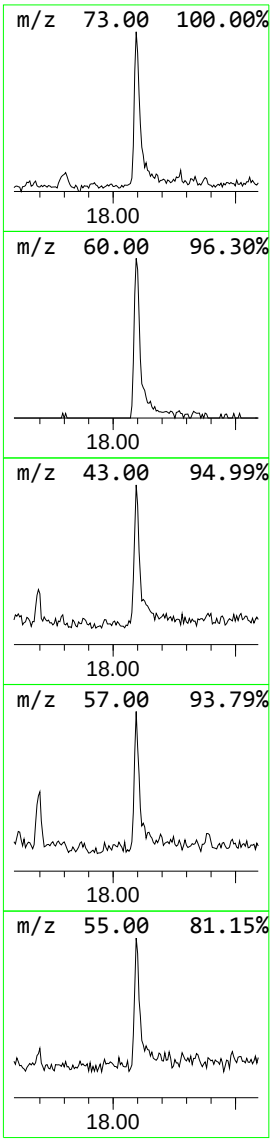
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.094	3.06 ng/ul	126660	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

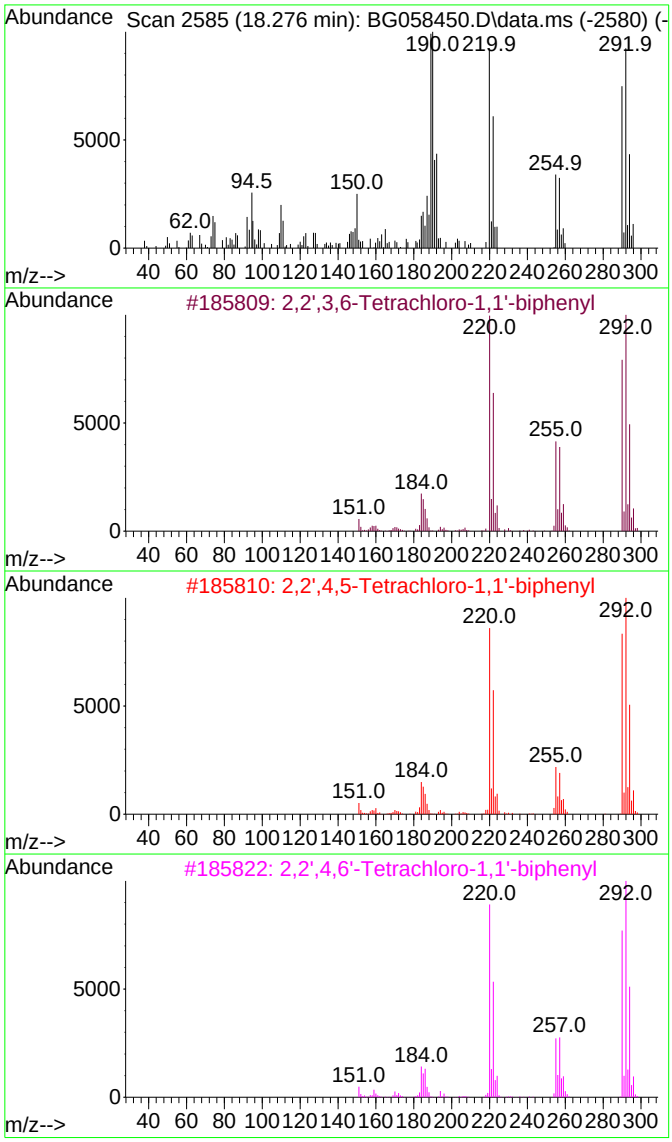
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

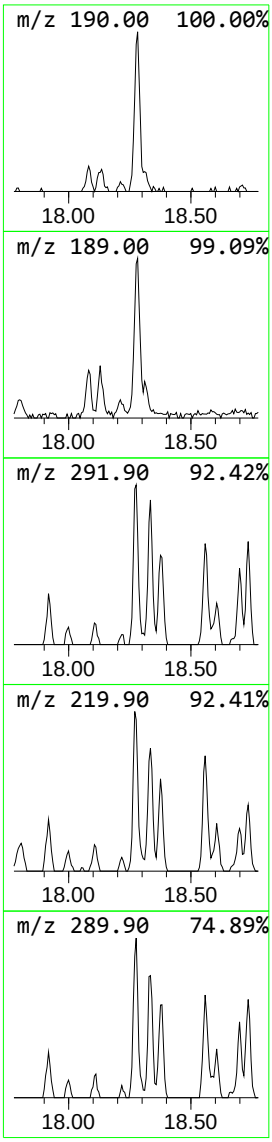
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.276	3.83 ng/ul	158338	Phenanthrene-d10	17.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	98
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	97
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	97
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058450.D
Acq On : 25 Jul 2023 17:33
Operator : CG/JU
Sample : 03534-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4737

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
1-Methoxy-3-met...	3.722	3.6	ng/ul	39801	1	7.817	218260	20.0
unknown-01	3.769	2.7	ng/ul	29354	1	7.817	218260	20.0
unknown-02	3.975	11.9	ng/ul	129554	1	7.817	218260	20.0
2-Butenal, 3-me...	4.145	3.9	ng/ul	42067	1	7.817	218260	20.0
unknown-03	4.363	3.6	ng/ul	39836	1	7.817	218260	20.0
unknown-04	4.545	25.0	ng/ul	273310	1	7.817	218260	20.0
unknown-05	4.586	9.5	ng/ul	103783	1	7.817	218260	20.0
Guanidine, mono...	4.997	3.2	ng/ul	34994	1	7.817	218260	20.0
2-Butene, 2-chl...	5.702	2.3	ng/ul	25480	1	7.817	218260	20.0
unknown-06	5.814	2.0	ng/ul	21933	1	7.817	218260	20.0
2-Buten-1-ol, 3...	6.114	2.5	ng/ul	27713	1	7.817	218260	20.0
Propane, 1-ethoxy-	6.648	2.6	ng/ul	28778	1	7.817	218260	20.0
(DEL) Alkane: C...	7.500	3.8	ng/ul	41543	1	7.817	218260	20.0
(DEL) Alkane: C...	7.988	2.1	ng/ul	22441	1	7.817	218260	20.0
(DEL) Alkane: C...	8.058	2.8	ng/ul	30223	1	7.817	218260	20.0
unknown-07	8.787	2.8	ng/ul	30084	1	7.817	218260	20.0
unknown-08	11.355	2.4	ng/ul	42039	2	10.620	349452	20.0
1,1'-Biphenyl, ...	15.714	3.7	ng/ul	107216	3	14.463	573343	20.0
1,1'-Biphenyl, ...	16.437	2.8	ng/ul	115254	4	17.206	827040	20.0
1,1'-Biphenyl, ...	17.083	3.0	ng/ul	125403	4	17.206	827040	20.0
1,1'-Biphenyl, ...	17.118	2.2	ng/ul	89647	4	17.206	827040	20.0
1,1'-Biphenyl, ...	17.806	7.3	ng/ul	300196	4	17.206	827040	20.0
n-Hexadecanoic ...	18.094	3.1	ng/ul	126660	4	17.206	827040	20.0
2,2',3,6-Tetrac...	18.276	3.8	ng/ul	158338	4	17.206	827040	20.0