LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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: BG058431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.516	69	73	79	rVB	23248	31920	2.49%	0.155%
2	3.651	91	96	106	rBV4	82054	197530	15.42%	0.958%
3	3.768	113	116	121	rBV	40493	56786	4.43%	0.275%
4	3.815	121	124	134	rVV	26881	42932	3.35%	0.208%
5	3.898	134	138	144	rVB2	32704	50581	3.95%	0.245%
6	3.980	145	152	162	rBV	302773	524915	40.98%	2.546%
7	4.056	162	165	175	rVB2	34678	54605	4.26%	0.265%
8	4.144	175	180	187	rBV	159276	253813	19.82%	1.231%
9	4.215	187	192	206	rVB	249105	395056	30.84%	1.916%
10	4.362	212	217	227	rVB	102810	162995	12.73%	0.791%
11	4.497	235	240	243	rBV2	27166	43991	3.43%	0.213%
12	4.550	243	249	253	rVV	582449	889121	69.42%	4.313%
13	4.591	253	256	260	rVV	320576	481957	37.63%	2.338%
14	4.632	260	263	271	rVB	274297	380492	29.71%	1.846%
15	4.996	315	325	336	rVB4	30798	72888	5.69%	0.354%
16	5.278	368	373	387	rBV3	34968	71381	5.57%	0.346%
17	5.701	439	445	450	rBV3	76069	144123	11.25%	0.699%
18	5.748	450	453	458	rVB2	32292	49749	3.88%	0.241%
19	5.813	458	464	477	rBV3	134984	396946	30.99%	1.925%
20	5.925	480	483	492	rVB	46218	75856	5.92%	0.368%
21	6.101	508	513	519	rBV6	21850	48946	3.82%	0.237%
22	6.324	543	551	558	rBV	107431	260600	20.35%	1.264%
23	6.624	597	602	603	rBV3	24733	39212	3.06%	0.190%
24	6.647	603	606	612	rVV3	47058	77179	6.03%	0.374%
25	7.047	670	674	682	rVB2	43585	75833	5.92%	0.368%
26	7.147	686	691	698	rBV	43848	81812	6.39%	0.397%
27	7.352	717	726	732	rBV3	29242	66228	5.17%	0.321%
28	7.499	743	751	768	rBV4	88426	238104	18.59%	1.155%
29	7.752	790	794	799	rVV2	20816	37320	2.91%	0.181%
30	7.817	799	805	812	rVV	156612	269154	21.01%	1.305%
31	7.987	828	834	838	rBV	44131	73118	5.71%	0.355%
32	8.063	839	847	855	rBV2	66535	140622	10.98%	0.682%
33	8.128	855	858	862	rBV	35805	49540	3.87%	0.240%
34	8.351	890	896	900	rBV7	14675	35515	2.77%	0.172%
35	8.780	961	969	975	rBV3	65702	168168	13.13%	0.816%
36	8.980	998	1003	1012	rVB2	45006	92644	7.23%	0.449%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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	9.162	1031	1034	1041	rVB4	17462	31543	2.46%	0.153%
38	9.268	1047	1052	1057	rBV3	39692	74730	5.83%	0.362%
39	9.703	1122	1126	1138	rVB5	40676	88318	6.90%	0.428%
40	9.967	1166	1171	1184	rVV2	71513	213655	16.68%	1.036%
41	10.472	1251	1257	1267	rVB	46030	89576	6.99%	0.434%
42	10.619	1275	1282	1291	rBV	201622	383335	29.93%	1.859%
43	10.796	1306	1312	1317	rBV2	35049	71888	5.61%	0.349%
44	10.989	1340	1345	1346	rBV5	32947	41161	3.21%	0.200%
45	11.254	1385	1390	1392	rBV	43620	73028	5.70%	0.354%
46	11.354	1403	1407	1415	rVB3	54548	111250	8.69%	0.540%
47	11.430	1416	1420	1431	rVB2	44721	84114	6.57%	0.408%
48	11.536	1434	1438	1448	rVB3	19461	44470	3.47%	0.216%
49	11.642	1451	1456	1461	rBV2	18853	37787	2.95%	0.183%
50	12.347	1572	1576	1582	rVB	49680	78728	6.15%	0.382%
51	12.505	1597	1603	1610	rVB	44961	80288	6.27%	0.389%
52	12.676	1626	1632	1637	rBV2	30041	48698	3.80%	0.236%
53	12.828	1652	1658	1661	rBV3	25323	46410	3.62%	0.225%
54	12.864	1661	1664	1669	rVB	31761	44059	3.44%	0.214%
55	12.993	1682	1686	1691	rVB	27061	39491	3.08%	0.192%
56	13.146	1707	1712	1717	rBV2	19741	30959	2.42%	0.150%
57	13.868	1829	1835	1842	rVV	136385	212547	16.59%	1.031%
58	13.939	1843	1847	1853	rVB2	31047	45826	3.58%	0.222%
59	14.156	1879	1884	1900	rVB	131967	226722	17.70%	1.100%
60	14.462	1930	1936	1945	rVB2	379292	580407	45.31%	2.815%
61	14.585	1951	1957	1965	rBV	126840	201318	15.72%	0.976%
62	15.402	2091	2096	2100	rBV2	19704	33831	2.64%	0.164%
63	15.455	2100	2105	2111	rBV	191812	279118	21.79%	1.354%
64	15.578	2122	2126	2135	rVB	27965	50627	3.95%	0.246%
65	15.713	2143	2149	2158	rVB	787477	1141465	89.12%	5.536%
66	15.819	2161	2167	2172	rVV	46909	71629	5.59%	0.347%
67	16.160	2219	2225	2228	rVV	56018	91955	7.18%	0.446%
68	16.189	2228	2230	2235	rVB	35589	42284	3.30%	0.205%
69	16.324	2248	2253	2259	rVB	145374	210837	16.46%	1.023%
70	16.436	2266	2272	2282	rBV	872180	1280839	100.00%	6.213%
71	16.736	2317	2323	2332	rBV	158014	231869	18.10%	1.125%
72	17.012	2366	2370	2377	rVB2	22801	35661	2.78%	0.173%
73	17.082	2377	2382	2384	rBV	133747	176457	13.78%	0.856%
74	17.118	2384	2388	2395	rVB	483654	681318	53.19%	3.305%
75	17.206	2396	2403	2415	rBV	504664	1078182	84.18%	5.230%
76	17.306	2415	2420	2427	rVV	76580	118229	9.23%	0.573%

LSC Area Percent Report

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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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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Title : SVOA CALIBRATION

77	17.382	2428	2433	2441	rVB	271657	381666	29.80%	1.851%
78	17.658	2475	2480	2482	rBV	106331	150030	11.71%	0.728%
79	17.687	2482	2485	2492	rVB	154028	208394	16.27%	1.011%
80	17.811	2498	2506	2513	rBV	669420	1020956	79.71%	4.952%
81	17.922	2520	2525	2532	rVB	109452	163559	12.77%	0.793%
82	17.999	2534	2538	2543	rVB	54274	74101	5.79%	0.359%
83	18.275	2580	2585	2590	rBV	129070	184184	14.38%	0.893%
84	18.334	2591	2595	2599	rVV2	151682	215431	16.82%	1.045%
85	18.381	2599	2603	2608	rVB2	176213	248501	19.40%	1.205%
86	18.557	2629	2633	2636	rBV2	42489	60075	4.69%	0.291%
87	18.604	2637	2641	2648	rVB5	47942	91108	7.11%	0.442%
88	18.698	2654	2657	2661	rBV	66197	87602	6.84%	0.425%
89	18.733	2661	2663	2669	rVB	31655	36918	2.88%	0.179%
90	18.986	2702	2706	2710	rBV3	25057	38595	3.01%	0.187%
91	19.121	2727	2729	2735	rVB5	21739	33303	2.60%	0.162%
92	19.262	2750	2753	2758	rVV	49464	68171	5.32%	0.331%
93	19.321	2759	2763	2768	rVV4	37759	54606	4.26%	0.265%
94	19.397	2772	2776	2785	rVV7	30247	45705	3.57%	0.222%
95	19.597	2805	2810	2824	rBV2	271084	449045	35.06%	2.178%
96	19.850	2849	2853	2857	rVB	38700	49246	3.84%	0.239%
97	20.837	3017	3021	3029	rVB	203675	241664	18.87%	1.172%
98	21.336	3102	3106	3113	rVB	79227	102559	8.01%	0.497%
99	21.448	3119	3125	3140	rVB2	524934	921726	71.96%	4.471%
100	24.515	3638	3647	3659	rBV2	369939	1053731	82.27%	5.111%

Sum of corrected areas: 20617117

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
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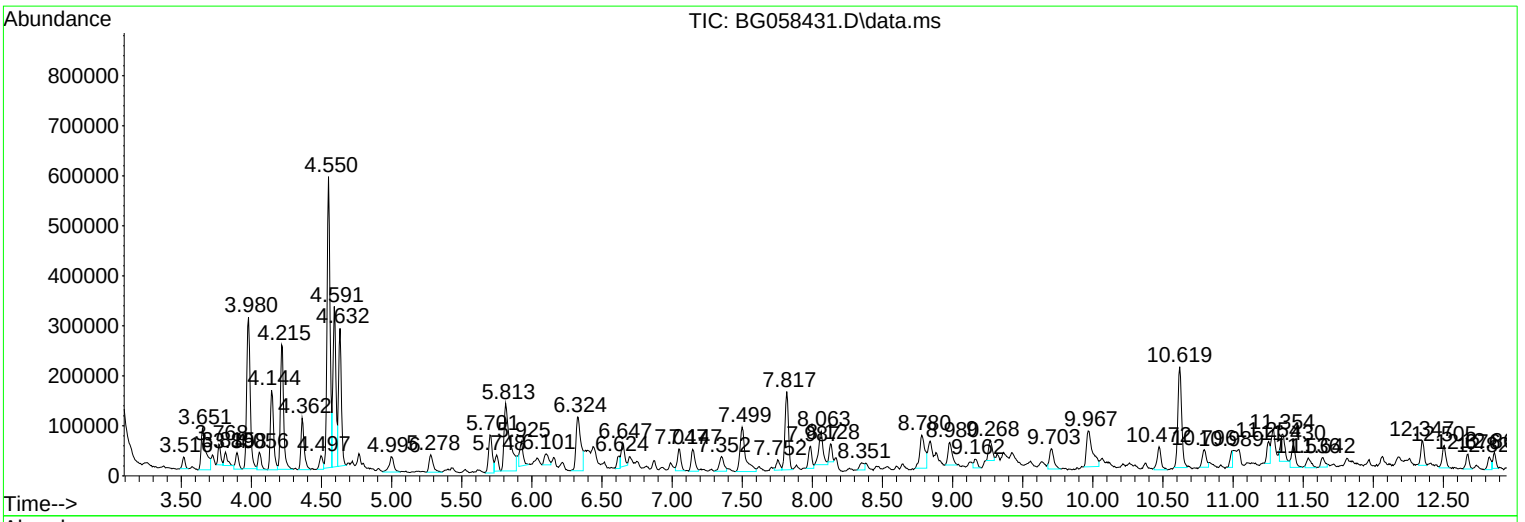
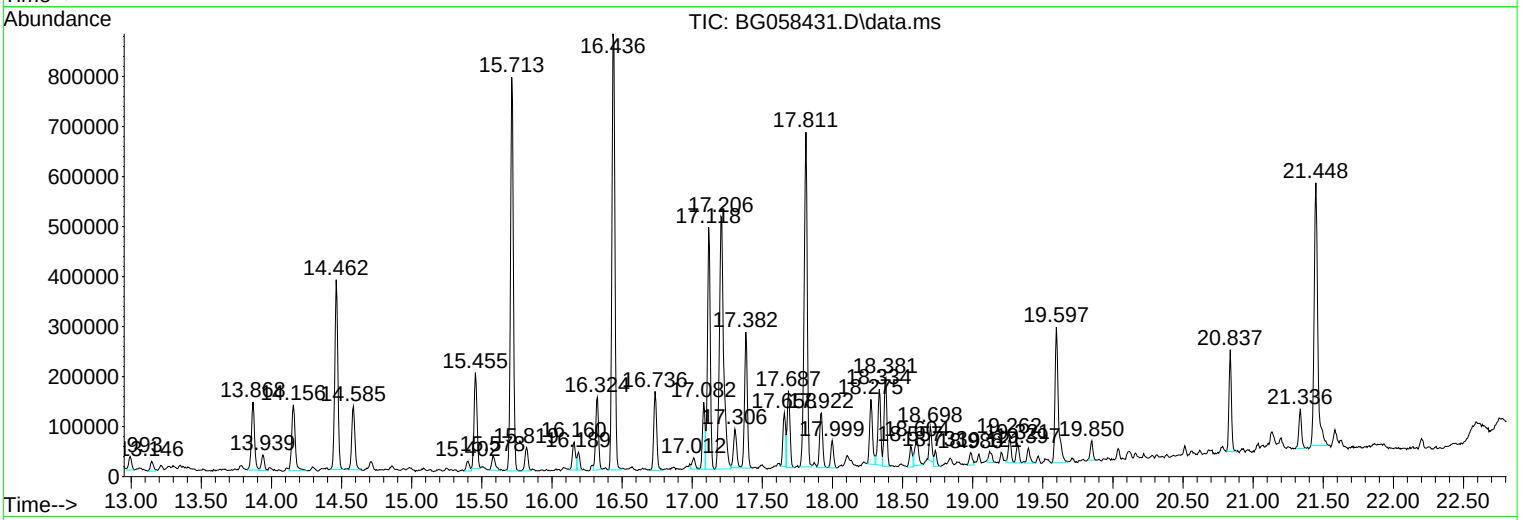
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

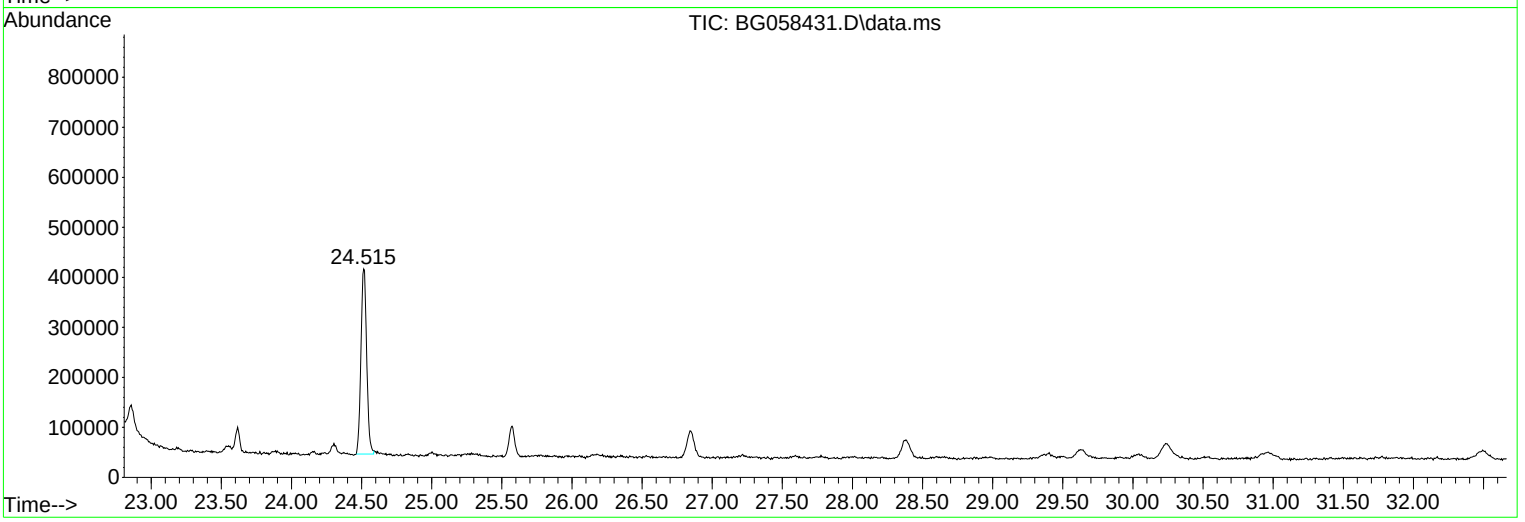
Instrument :
BNA_G
ClientSampleId :
A46W3

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\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

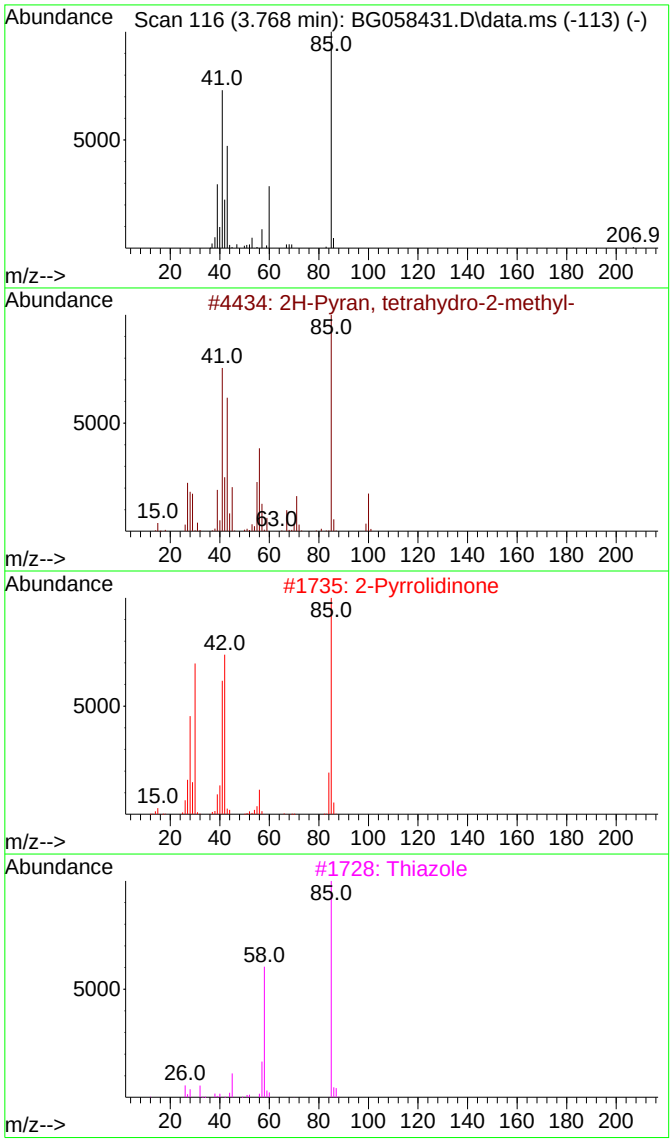
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

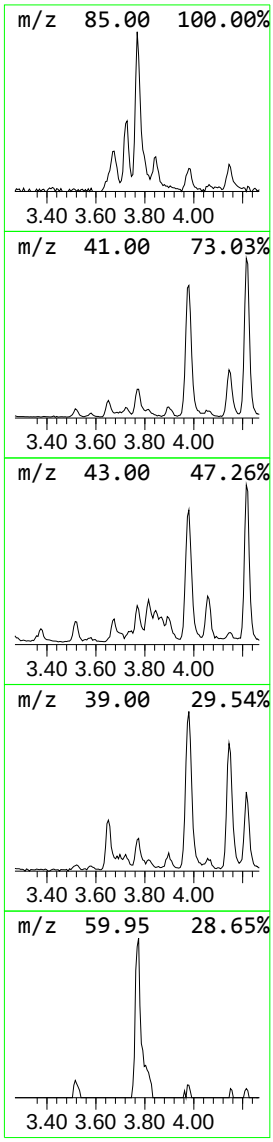
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.768	4.22 ng/ul	56786	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	Thiazole	85	C3H3NS	000288-47-1	9
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	9
5	Butanoic acid, 3-methyl-, propyl...	144	C8H16O2	000557-00-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

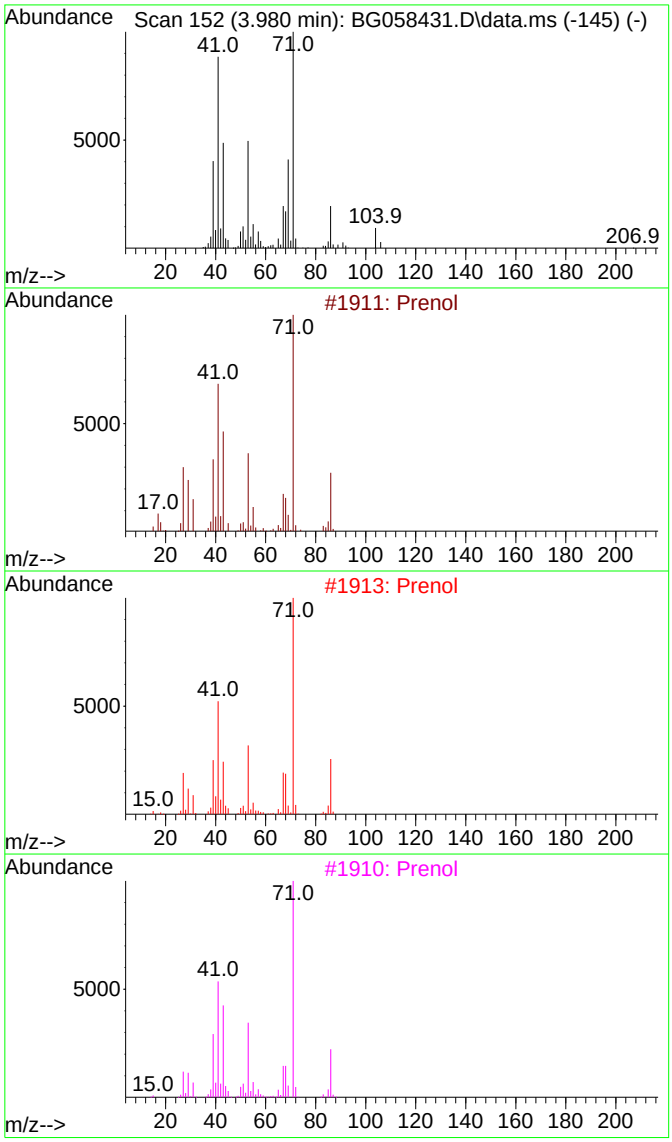
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

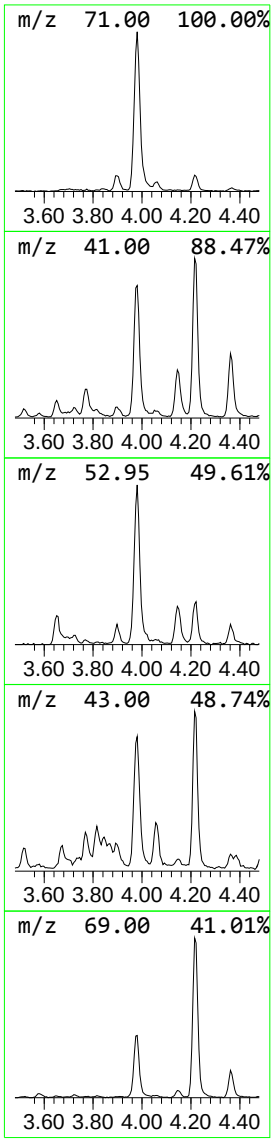
****

Peak Number 5 Prenol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.980	39.00 ng/ul	524915	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	50
2	Prenol	86	C5H10O	000556-82-1	38
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\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

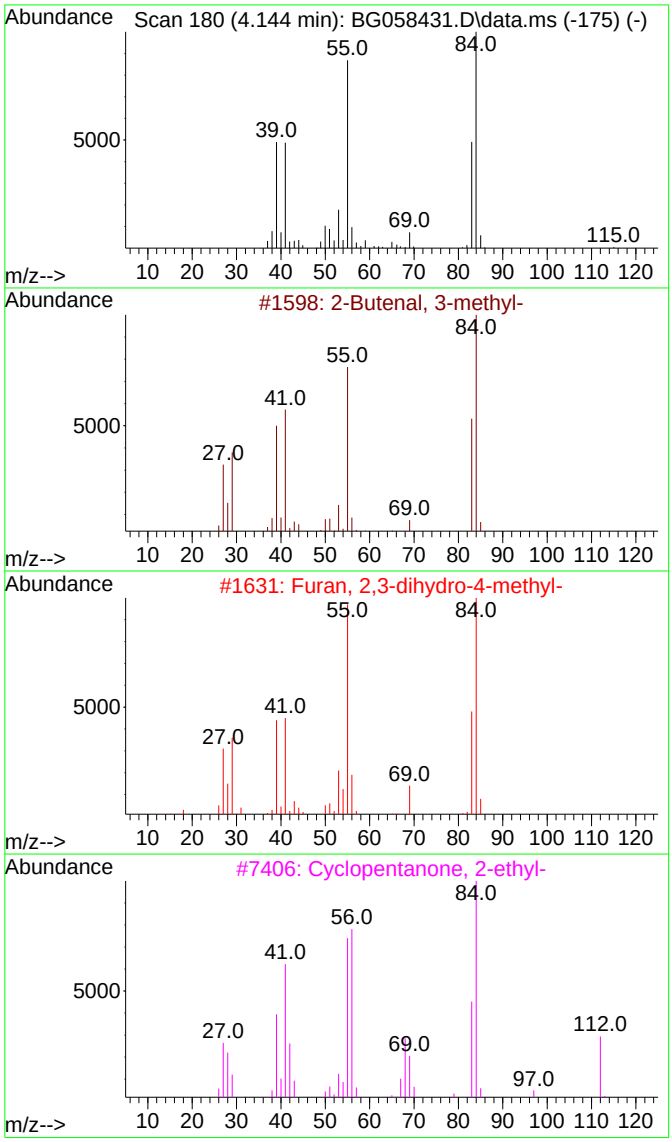
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

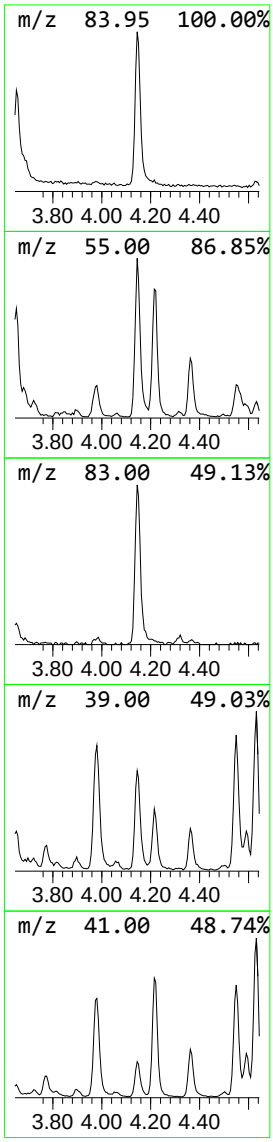
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Butenal, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.144	18.86 ng/ul	253813	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	91
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	72
3	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	56
4	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	53
5	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

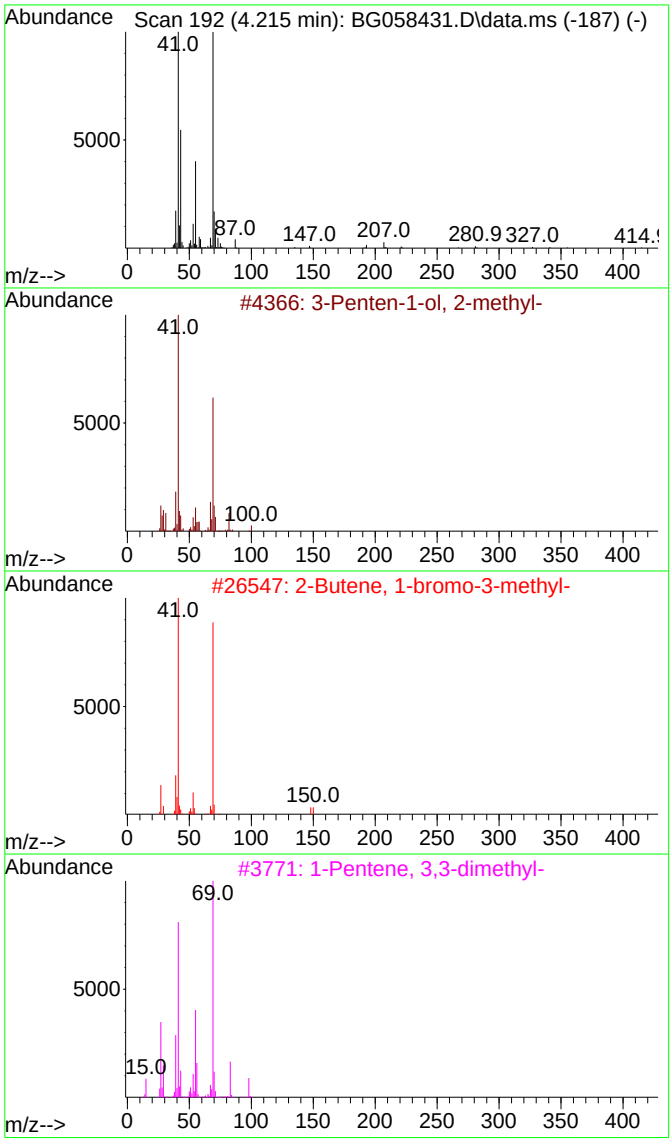
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

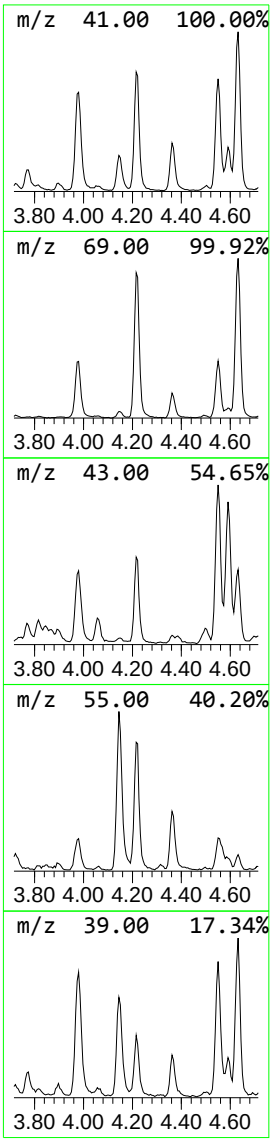
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Penten-1-ol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.215	29.36 ng/ul	395056	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	50
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	45
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	40
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	39
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

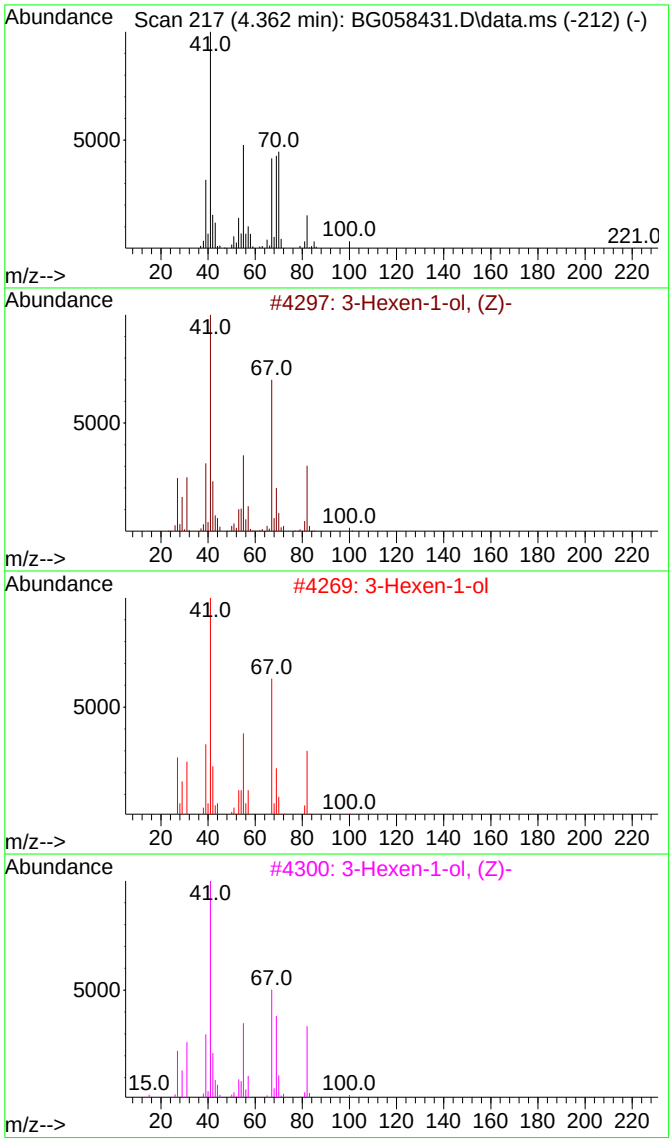
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

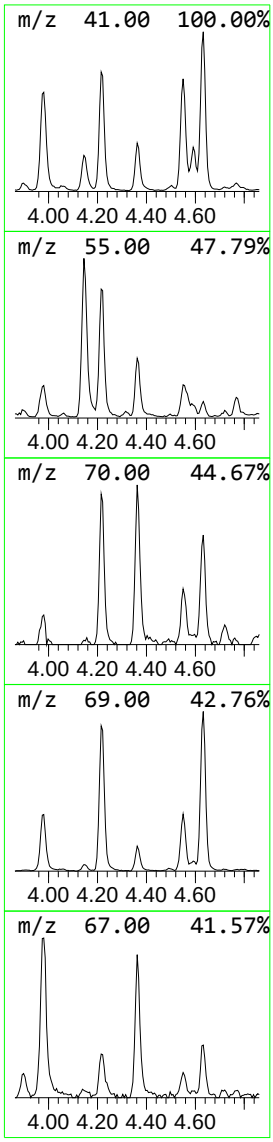
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.362	12.11 ng/ul	162995	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	47
2	3-Hexen-1-ol	100	C6H12O	000544-12-7	47
3	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	42
4	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	40
5	3-Penten-1-ol, 3-methyl-	100	C6H12O	001708-99-2	40





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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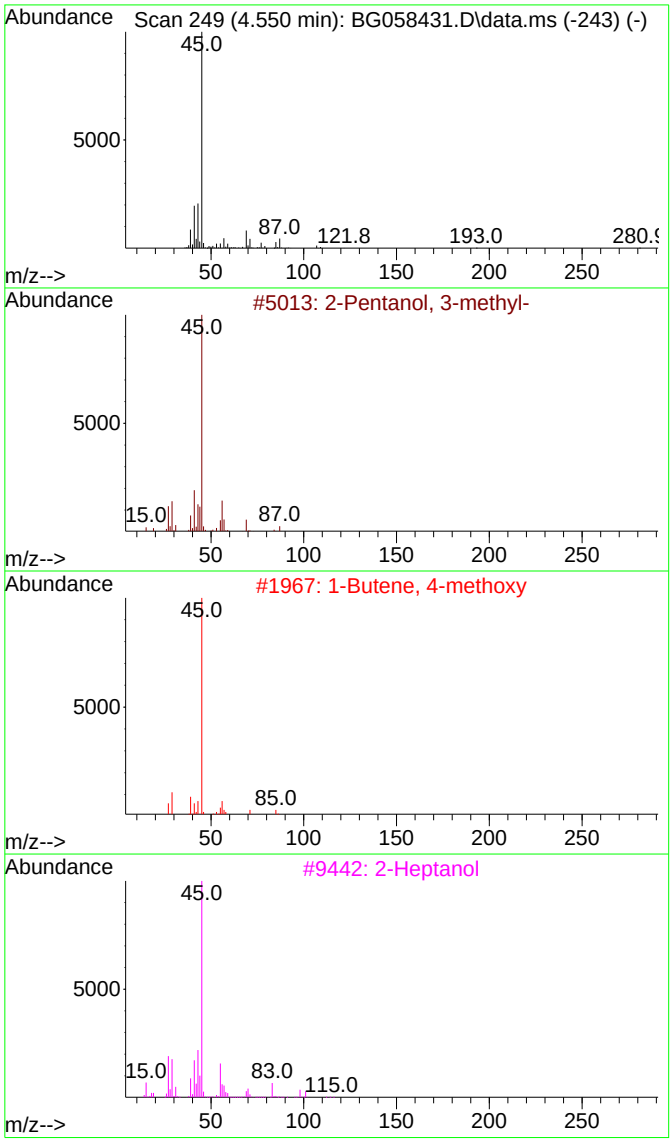
Quant Title : SVOA CALIBRATION

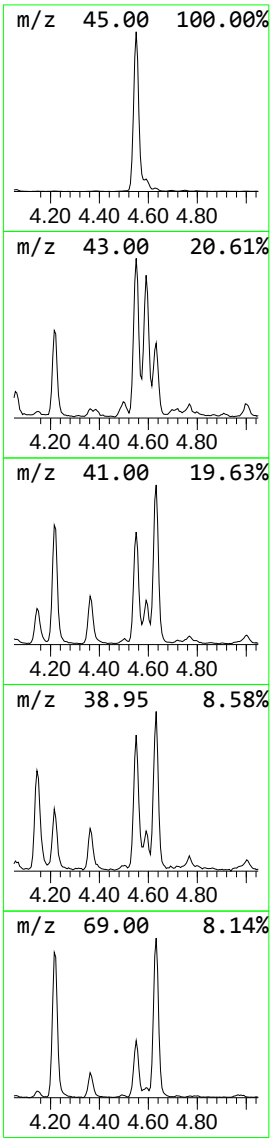
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.550	66.07 ng/ul	889121	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	56
2	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	50
3	2-Heptanol	116	C7H16O	000543-49-7	50
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40
5	4-Penten-2-ol	86	C5H10O	000625-31-0	39





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Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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Quant Title : SVOA CALIBRATION

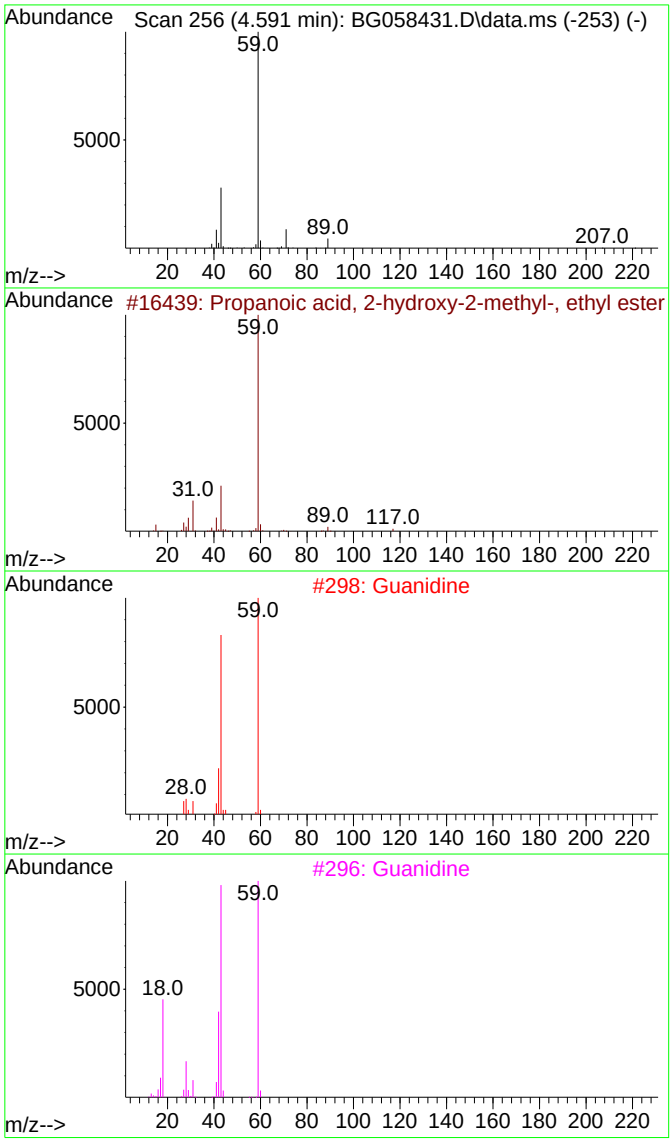
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

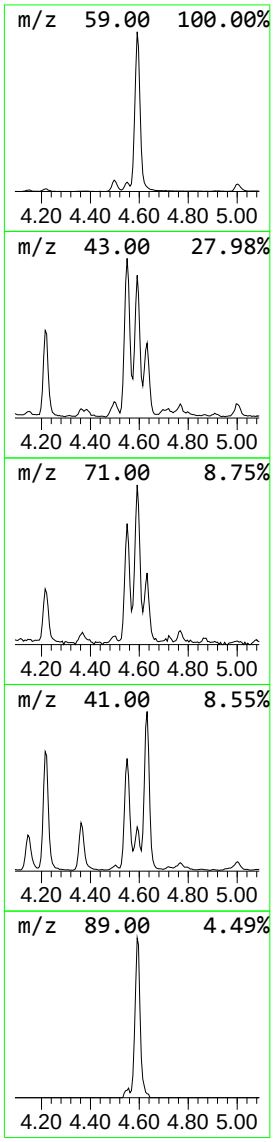
****

Peak Number 12 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.591	35.81 ng/ul	481957	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	43
2	Guanidine	59	CH5N3	000113-00-8	7
3	Guanidine	59	CH5N3	000113-00-8	7
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
5	Acetamide	59	C2H5NO	000060-35-5	5





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

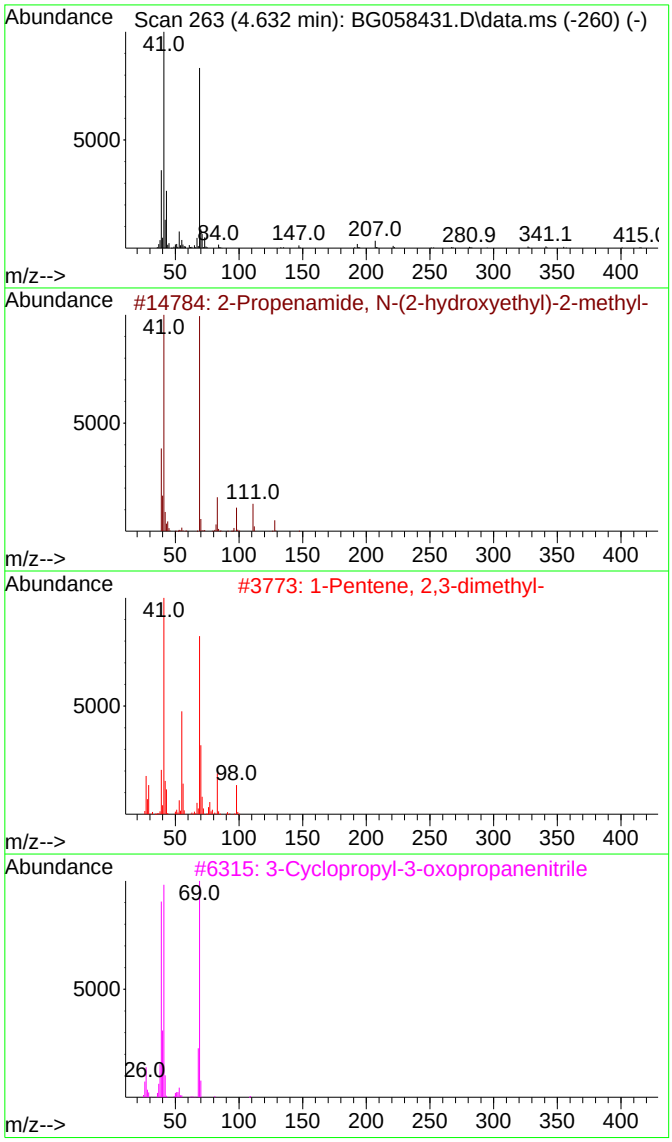
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

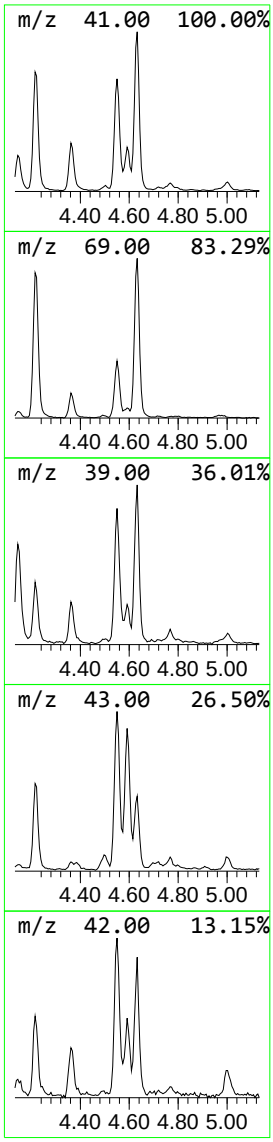
****

Peak Number 13 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.632	28.27 ng/ul	380492	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide, N-(2-hydroxyethyl...	129	C6H11NO2	005238-56-2	39
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39
3	3-Cyclopropyl-3-oxopropanenitrile	109	C6H7NO	118431-88-2	39
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	39
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	36





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

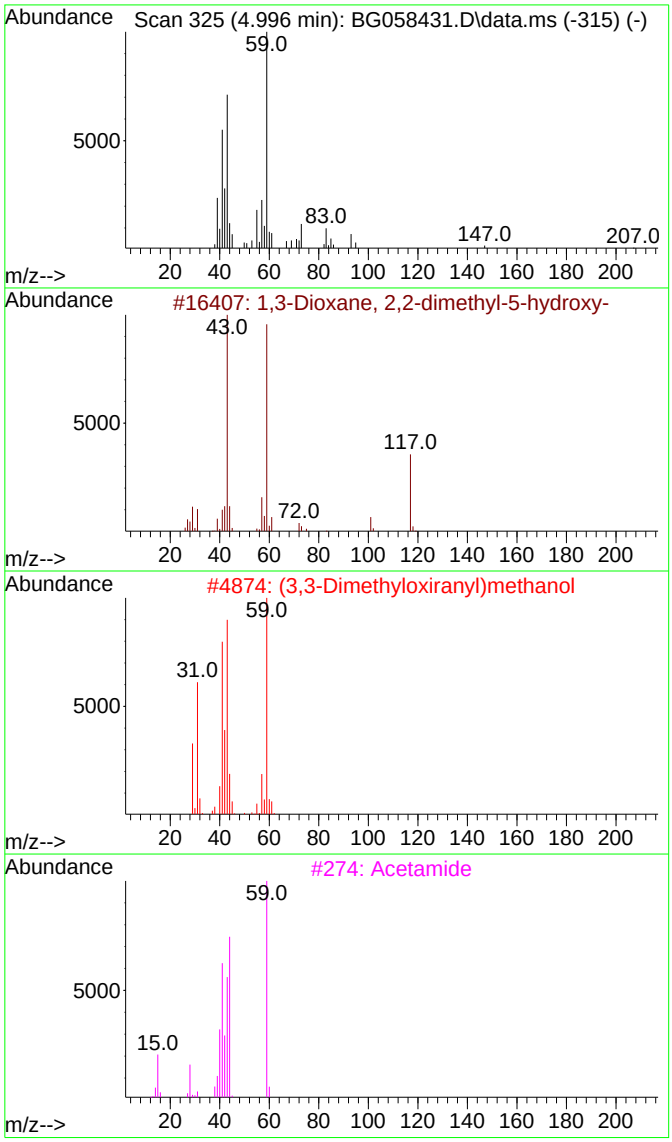
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

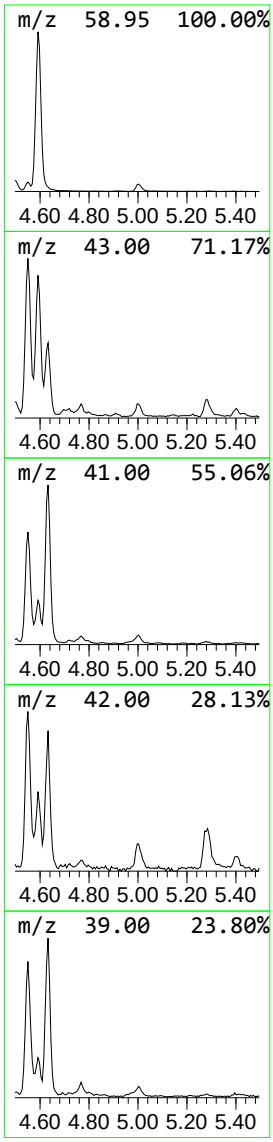
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,3-Dioxane, 2,2-dimethyl-5... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.996	5.42 ng/ul	72888	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 2,2-dimethyl-5-hydr...	132	C6H12O3	1000381-75-6	59
2	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	50
3	Acetamide	59	C2H5NO	000060-35-5	50
4	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	45
5	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	42





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Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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 15 N,N-Dimethylacetamide Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.278	5.30 ng/ul	71381	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	87
2	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	86
3	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	78
4	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	78
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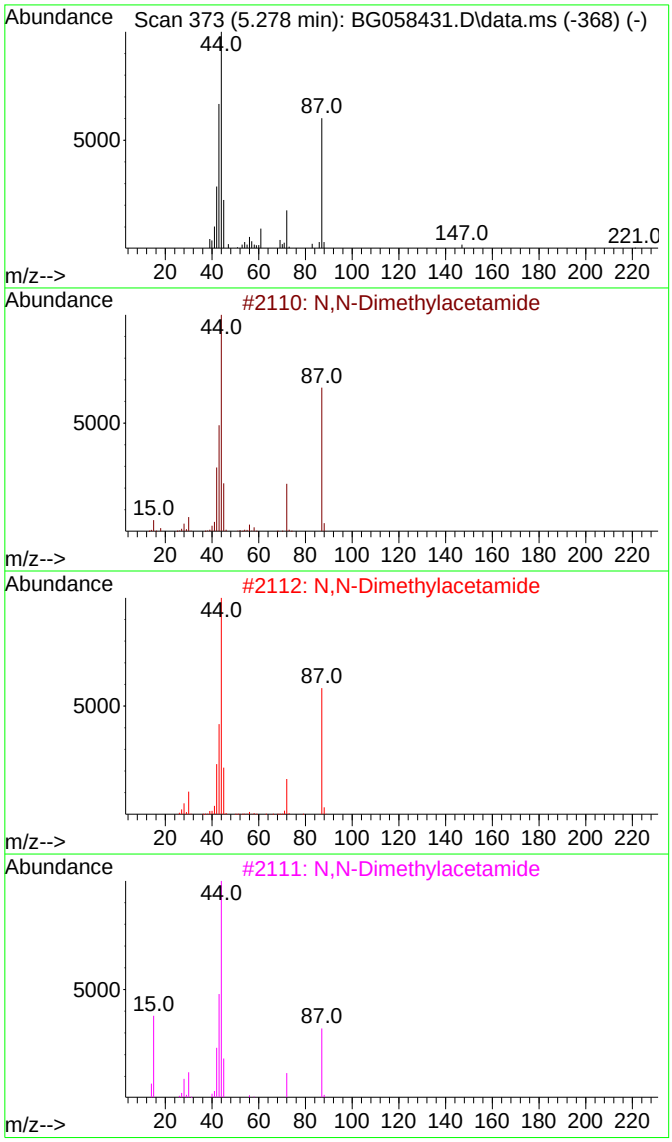

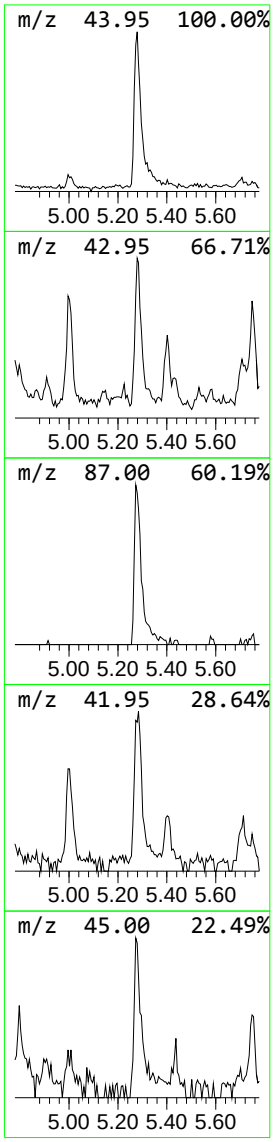

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Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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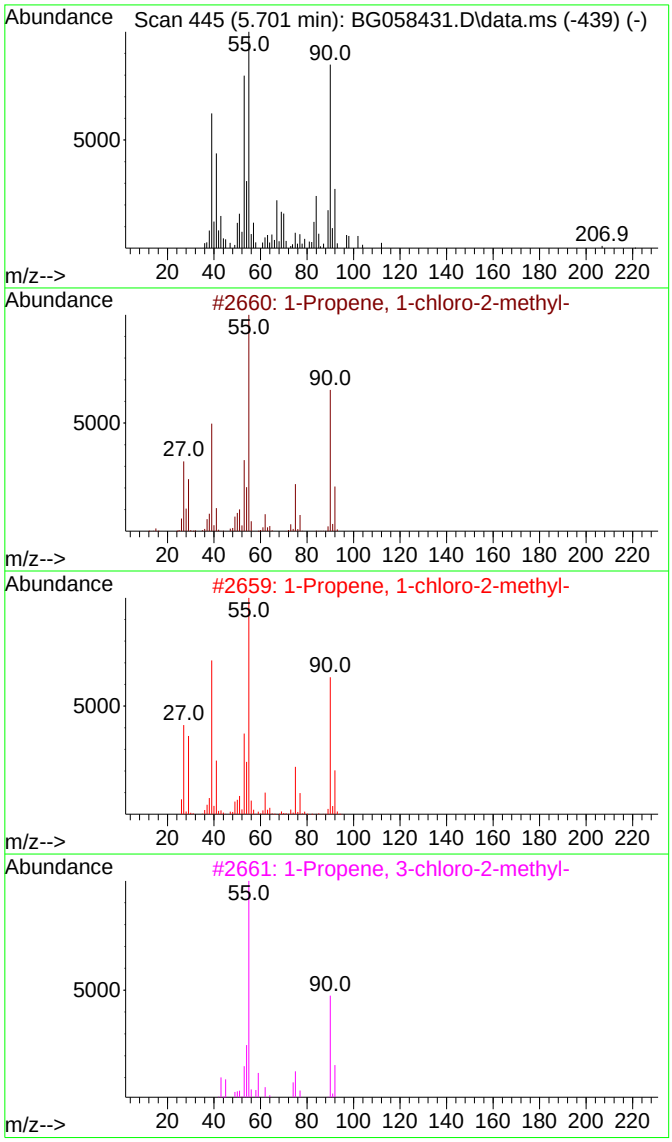
Quant Title : SVOA CALIBRATION

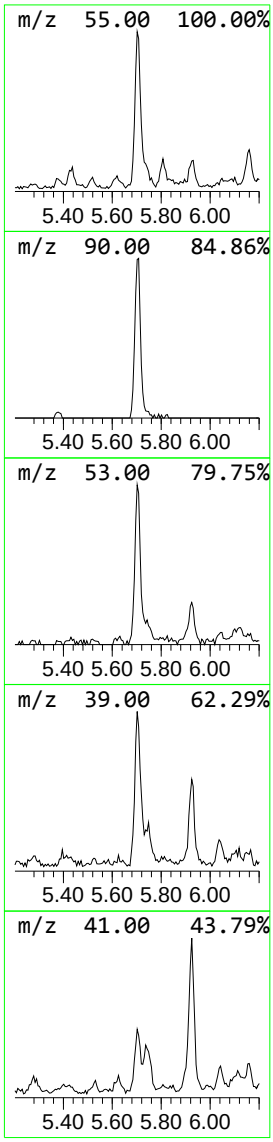
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Propene, 1-chloro-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.701	10.71 ng/ul	144123	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	53
2	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	40
3	1-Propene, 3-chloro-2-methyl-	90	C4H7Cl	000563-47-3	38
4	3-Thietanol	90	C3H6OS	010304-16-2	30
5	Boranamine, 1-chloro-N,N-dimethy...	145	C6H13BClN	051783-28-9	25





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Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

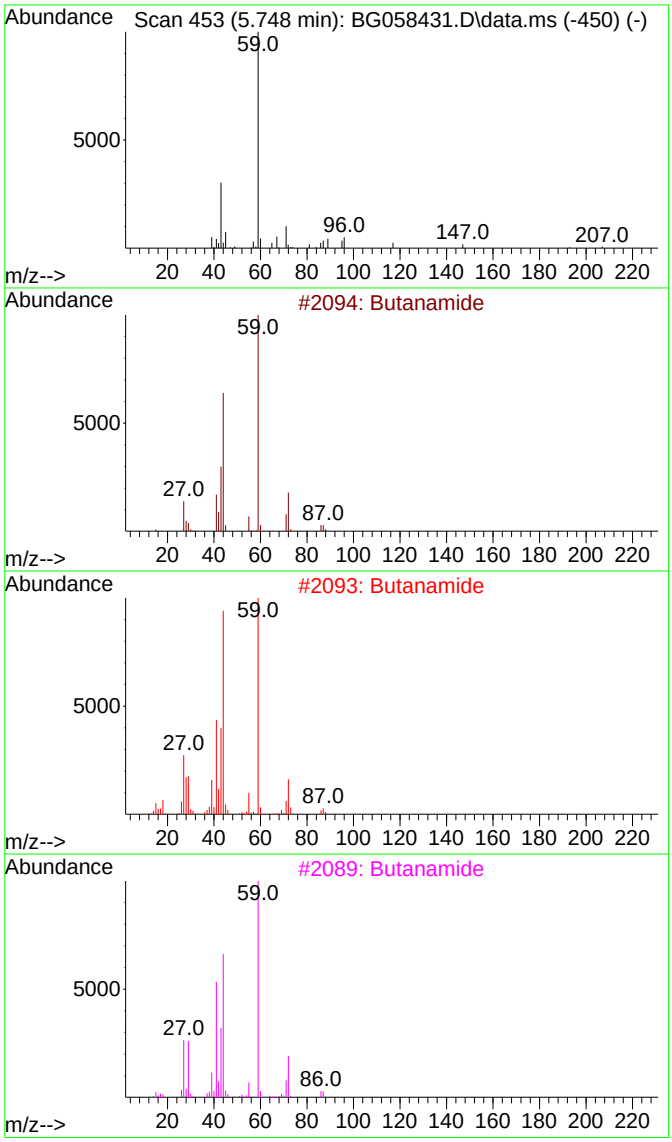
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

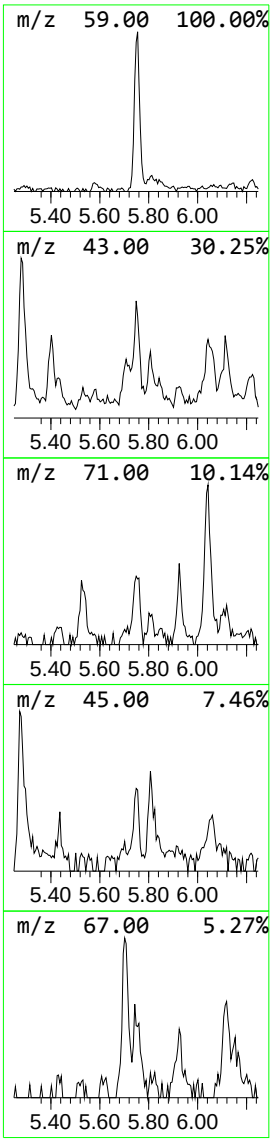
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Butanamide Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.748	3.70 ng/ul	49749	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide	87	C4H9NO	000541-35-5	72
2	Butanamide	87	C4H9NO	000541-35-5	50
3	Butanamide	87	C4H9NO	000541-35-5	50
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	38
5	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	36





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Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

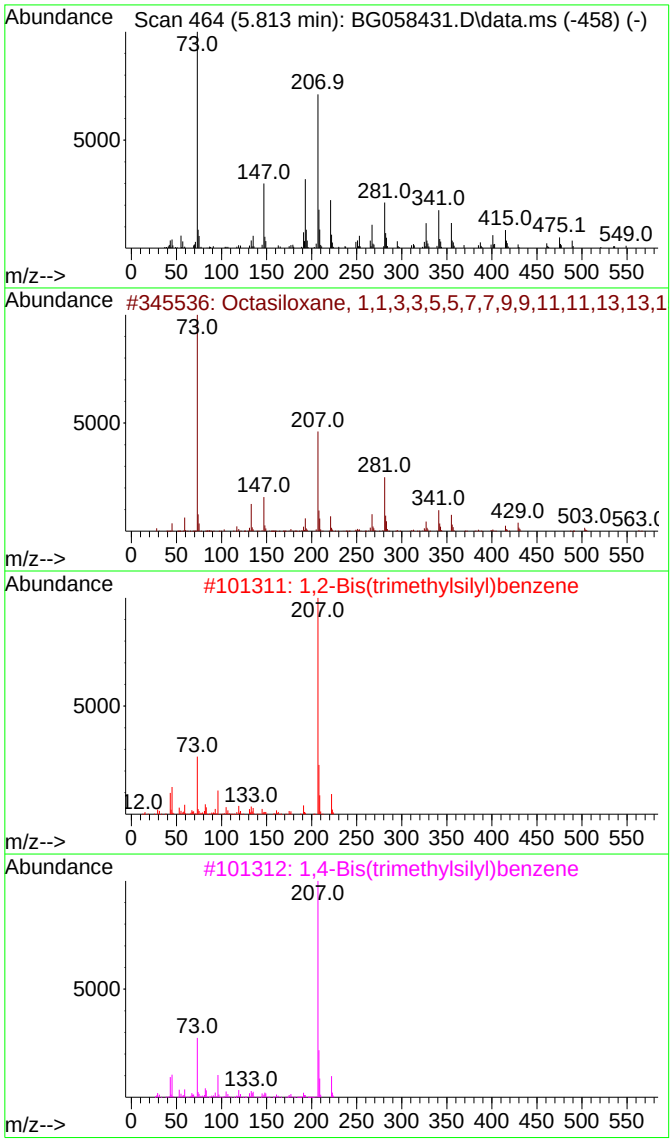
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

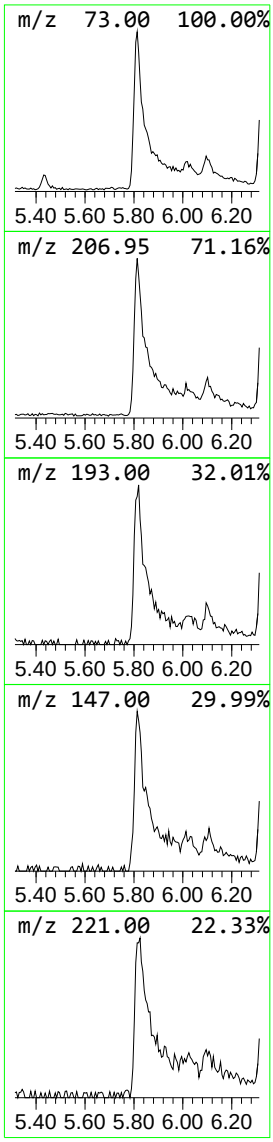
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Octasiloxane, 1,1,3,3,5,5,7... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.813	29.50 ng/ul	396946	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	50
2	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	38
3	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	30
4	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	30
5	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	27





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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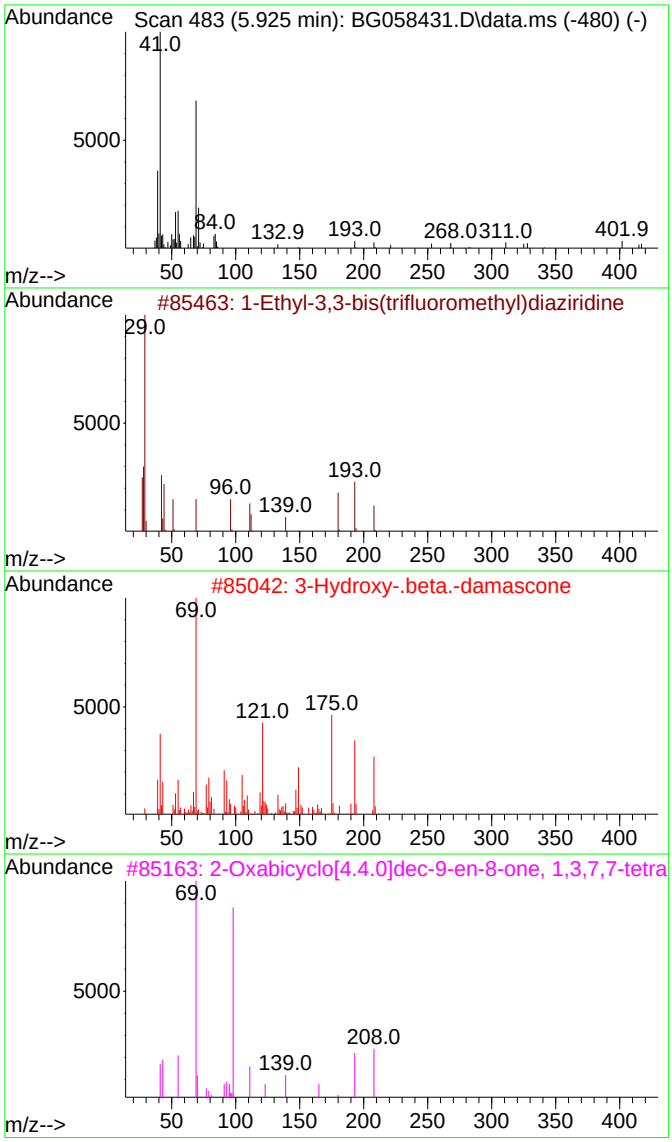
Quant Title : SVOA CALIBRATION

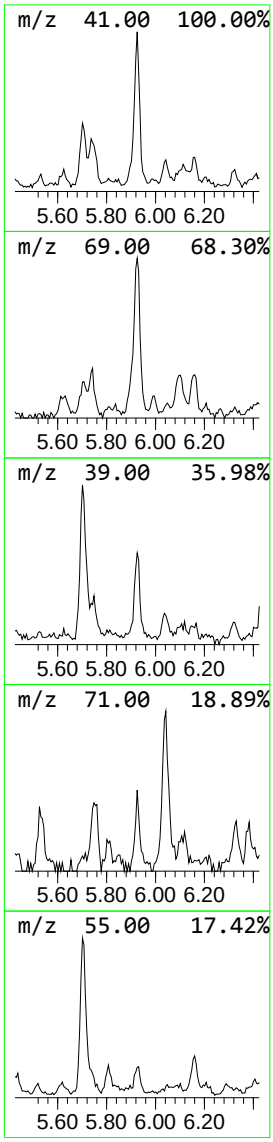
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.925	5.64 ng/ul	75856	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3,3-bis(trifluoromethyl)...	208	C5H6F6N2	032770-47-1	7
2	3-Hydroxy-.beta.-damascone	208	C13H20O2	102488-09-5	4
3	2-Oxabicyclo[4.4.0]dec-9-en-8-on...	208	C13H20O2	122723-58-4	2
4	Hexadecanenitrile	237	C16H31N	000629-79-8	1
5	Oct-3-enoyl amide, N-allyl-N-butyl-	237	C15H27NO	1000446-06-8	1





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Misc :
ALS Vial : 4 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

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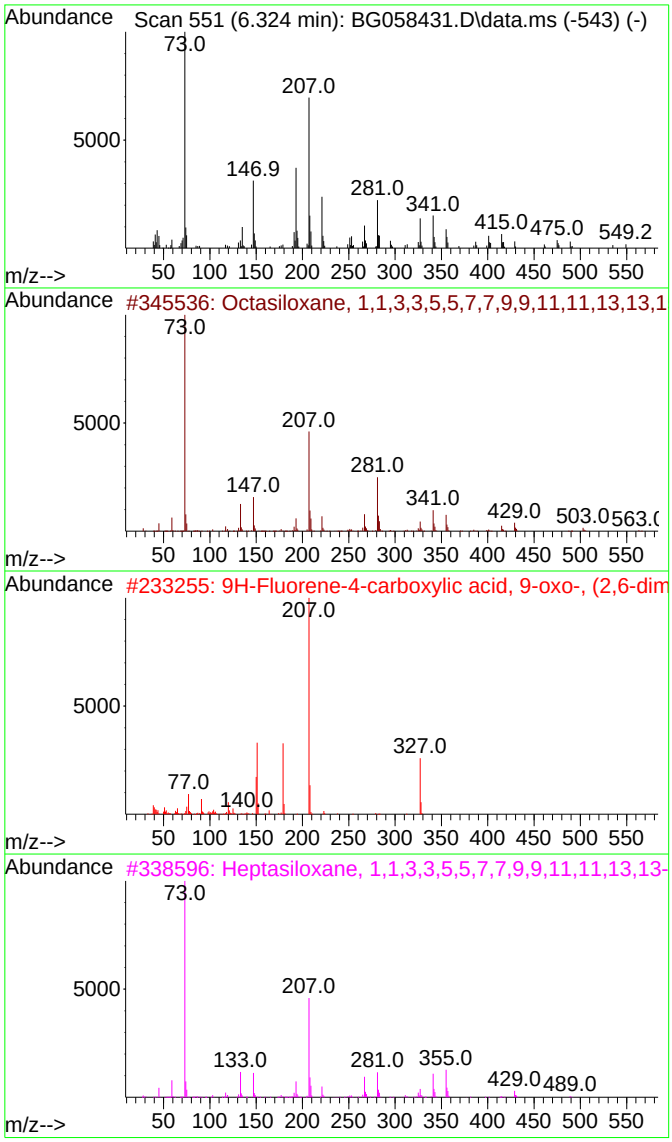
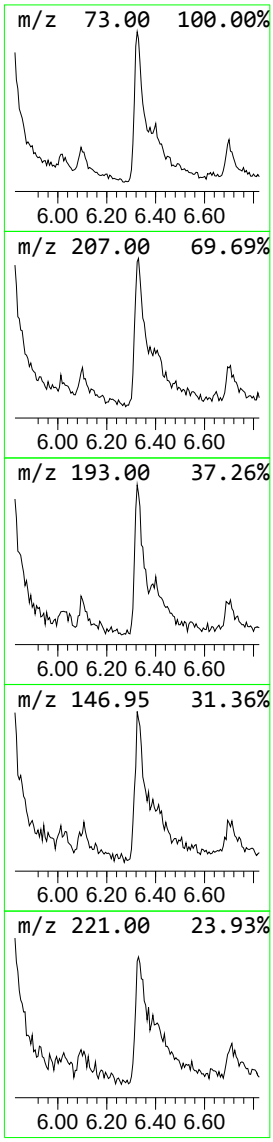
Peak Number 21 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.324	19.36 ng/ul	260600	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	52
2	9H-Fluorene-4-carboxylic acid, 9...	327	C22H17NO2	1000304-78-2	27
3	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	25
4	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	20
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	18





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ClientSampleId :
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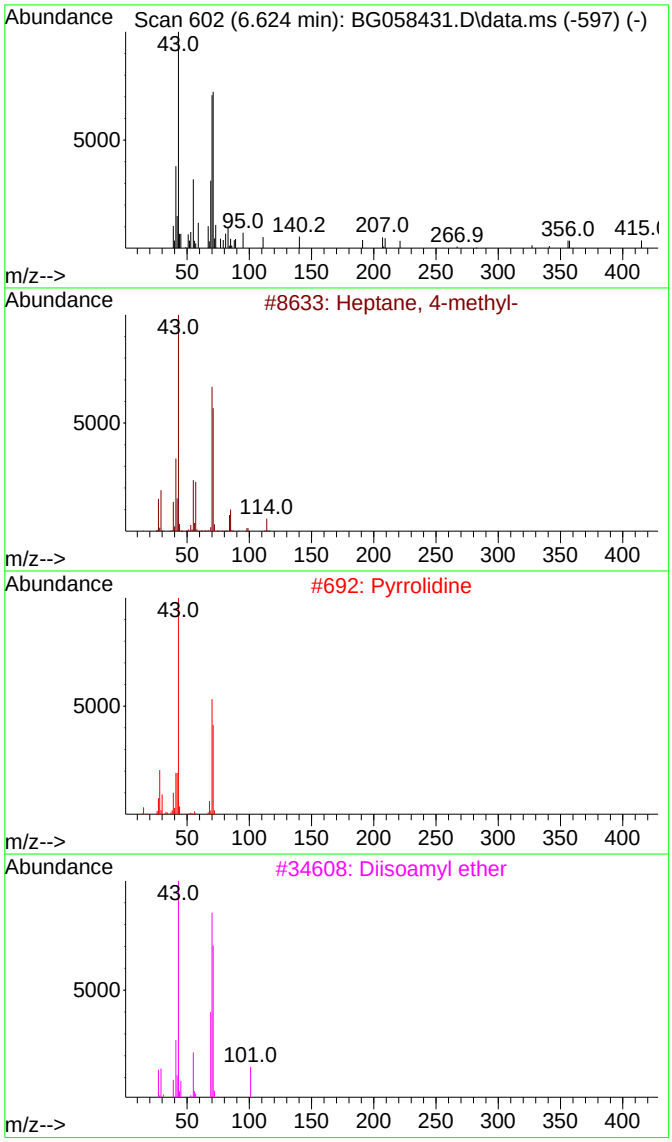
Quant Title : SVOA CALIBRATION

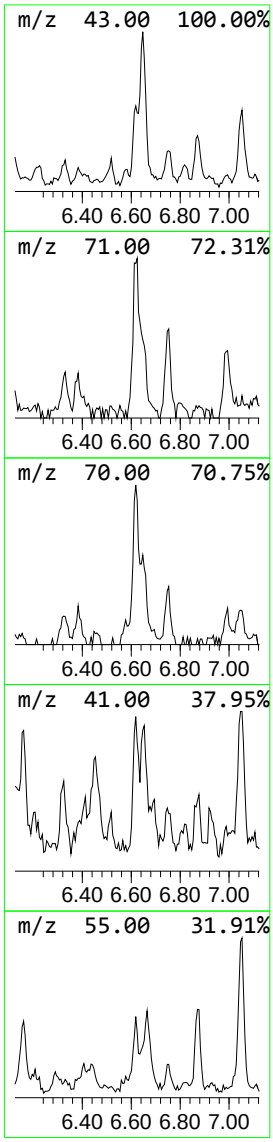
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.624	2.91 ng/ul	39212	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	47
2	Pyrrolidine	71	C4H9N	000123-75-1	47
3	Diisoamyl ether	158	C10H22O	000544-01-4	47
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	47
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	47





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

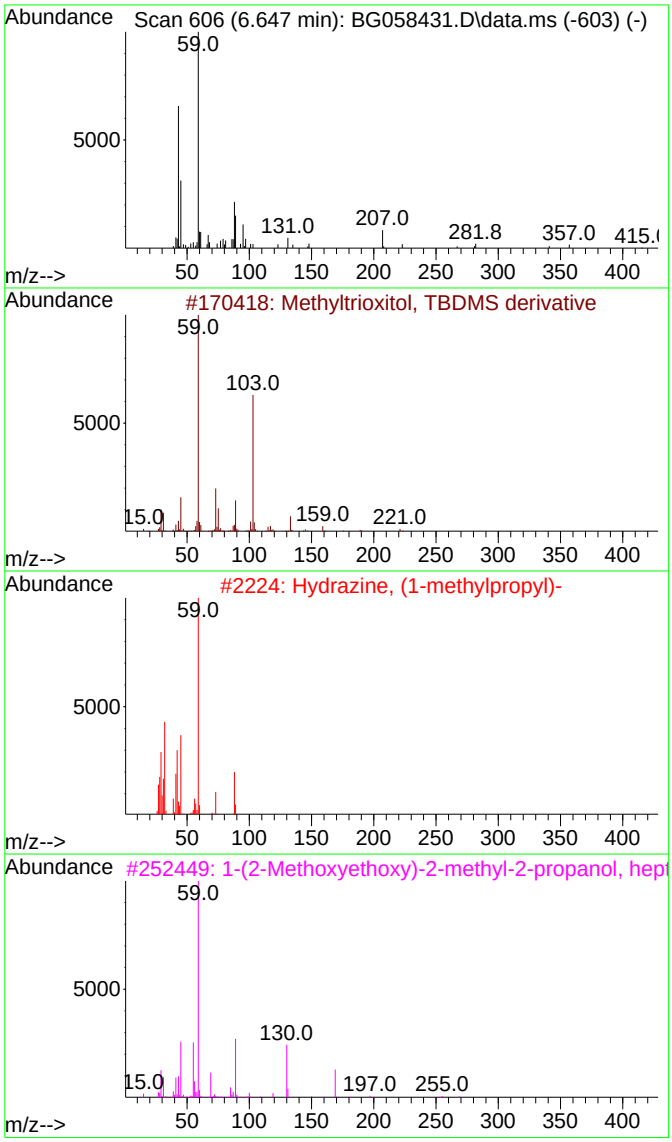
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

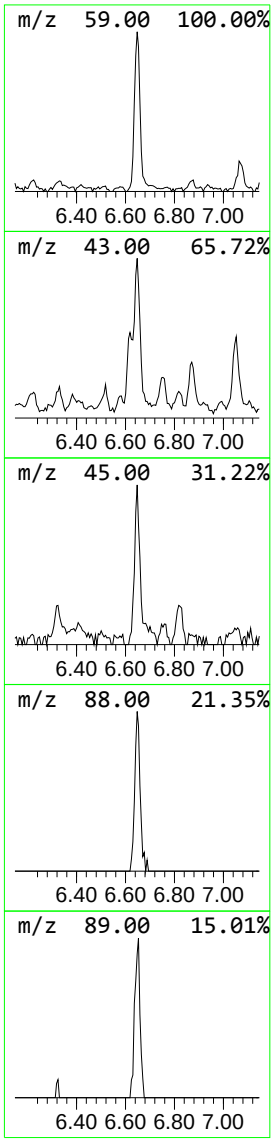
****

Peak Number 23 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.647	5.73 ng/ul	77179	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyltrioxitol, TBDMS derivative	278	C13H30O4Si	1000352-09-5	40
2	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	38
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	344	C11H15F7O4	1000364-27-7	33
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	33
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	244	C9H15F3O4	1000364-20-3	33





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

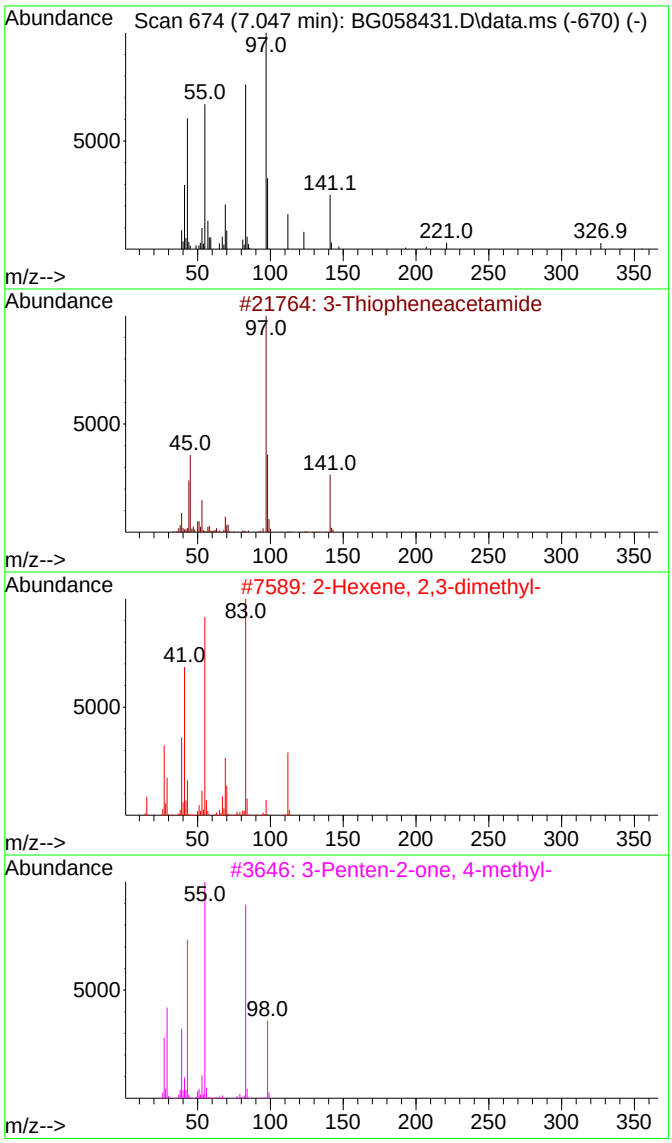
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

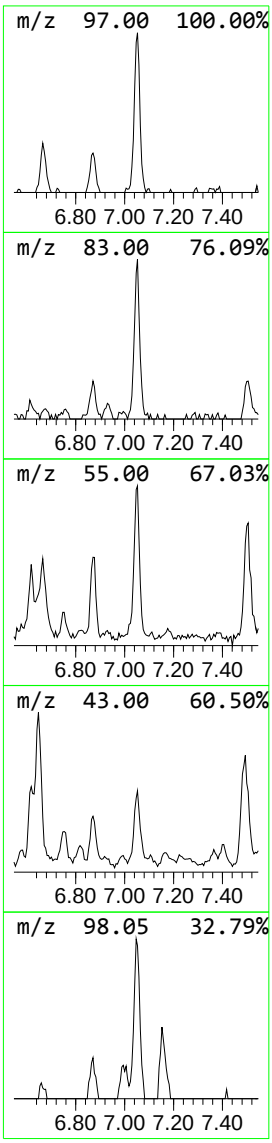
****

Peak Number 24 unknown-08 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.047	5.63 ng/ul	75833	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiopheneacetamide	141	C6H7NOS	013781-66-3	43
2	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	38
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	38
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	38
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	38





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

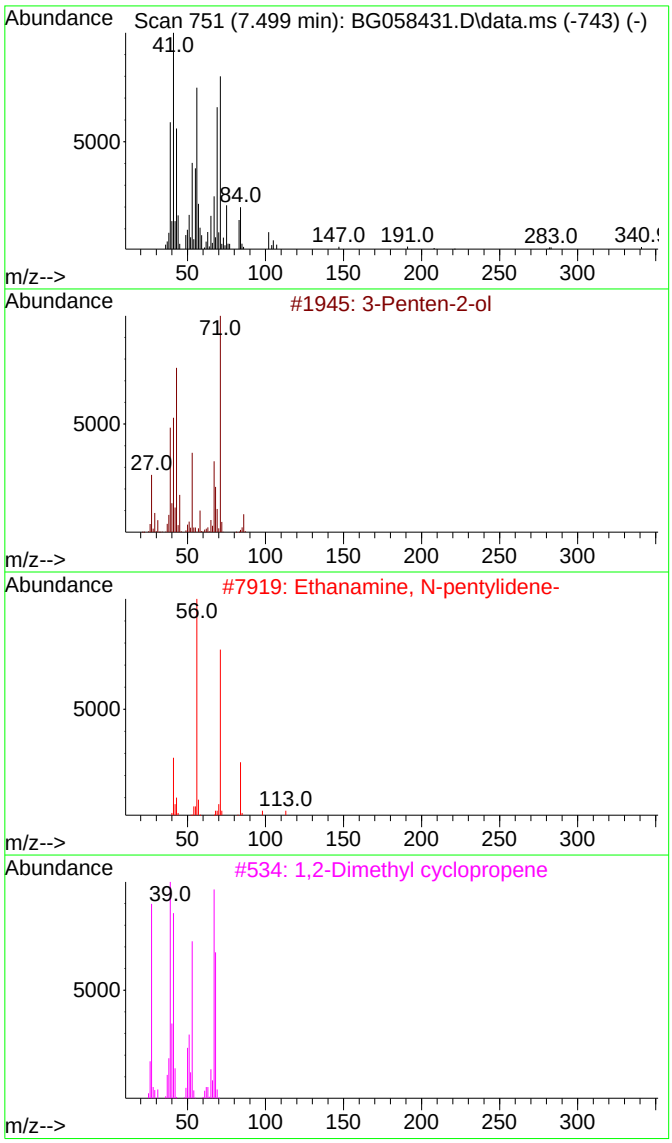
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

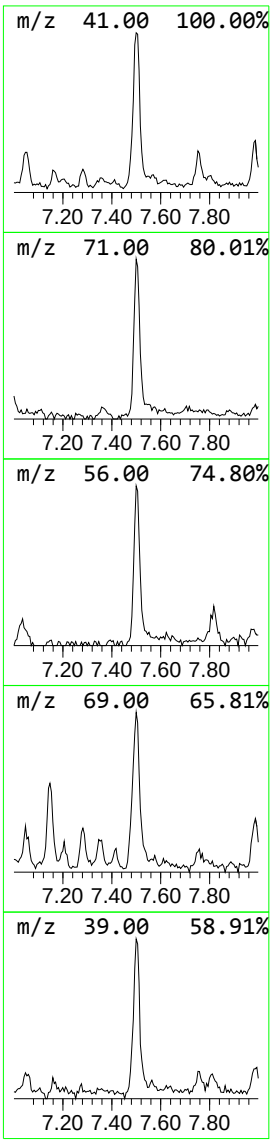
****

Peak Number 25 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.499	17.69 ng/ul	238104	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	49
2	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	35
3	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	27
4	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	27
5	2-Methyl-2-vinyloxirane	84	C5H8O	001838-94-4	25





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

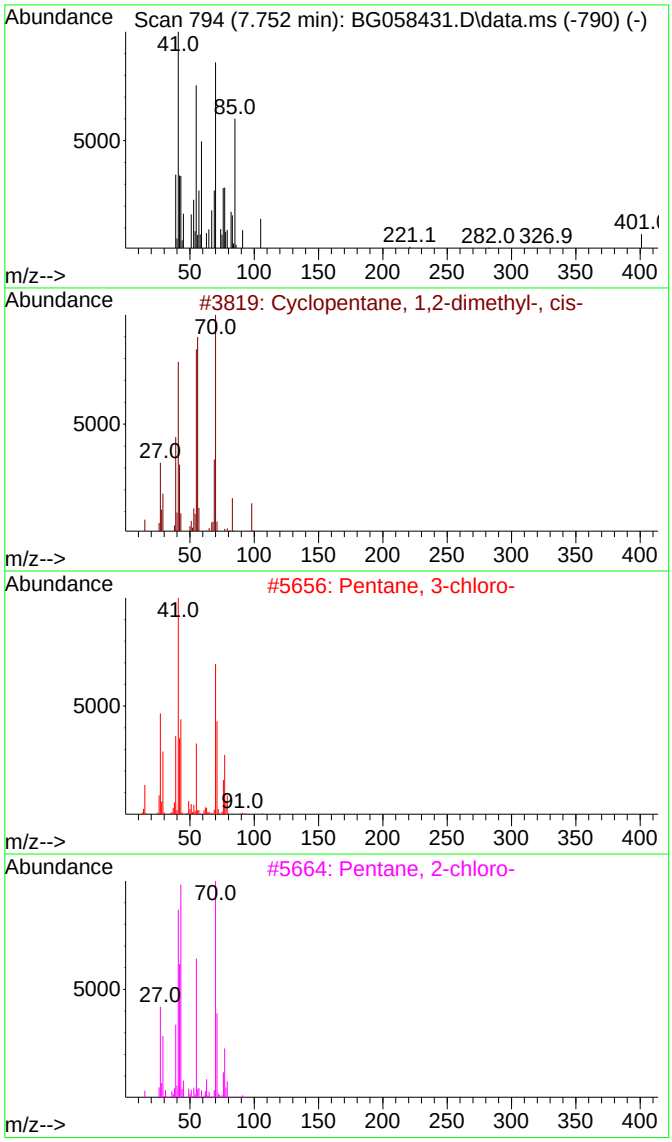
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

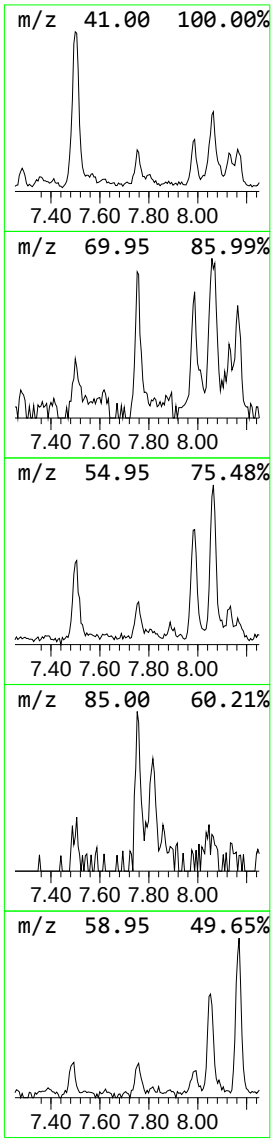
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic7.752 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.752	2.77 ng/ul	37320	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	35
2	Pentane, 3-chloro-	106	C5H11Cl	000616-20-6	25
3	Pentane, 2-chloro-	106	C5H11Cl	000625-29-6	17
4	Furan, tetrahydro-3,4-dimethyl-,...	100	C6H12O	027953-97-5	17
5	Heptanal	114	C7H14O	000111-71-7	17





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

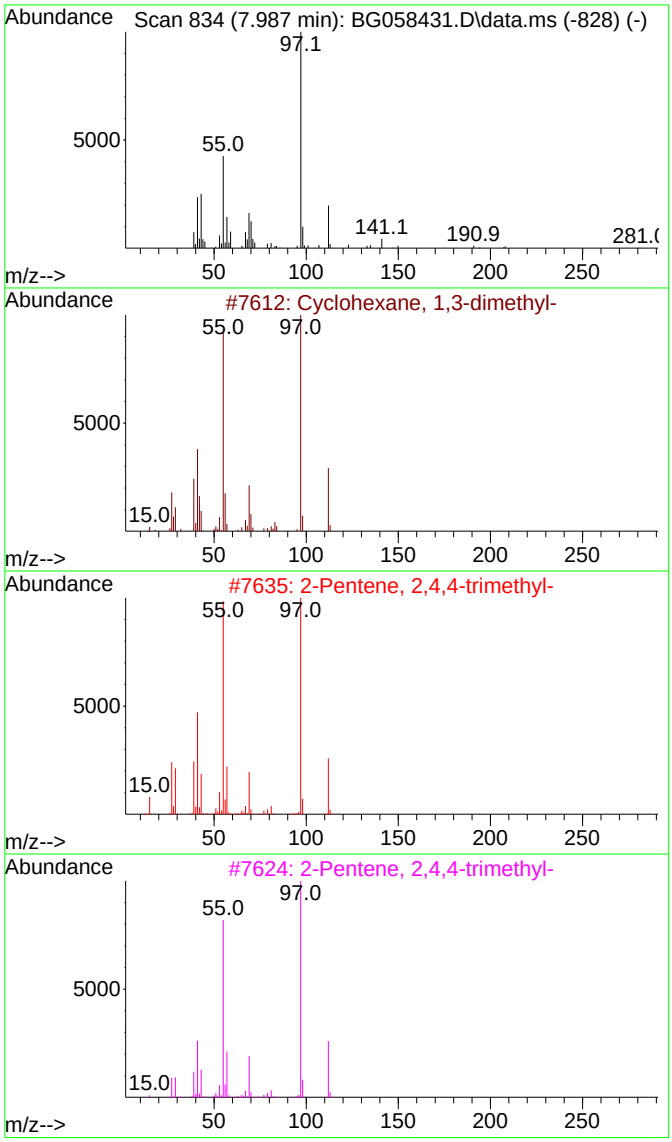
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

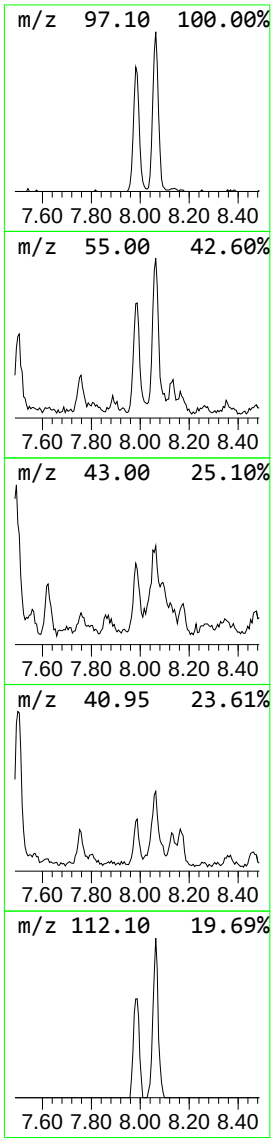
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic7.987 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.987	5.43 ng/ul	73118	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	72
2	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	72
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	72
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

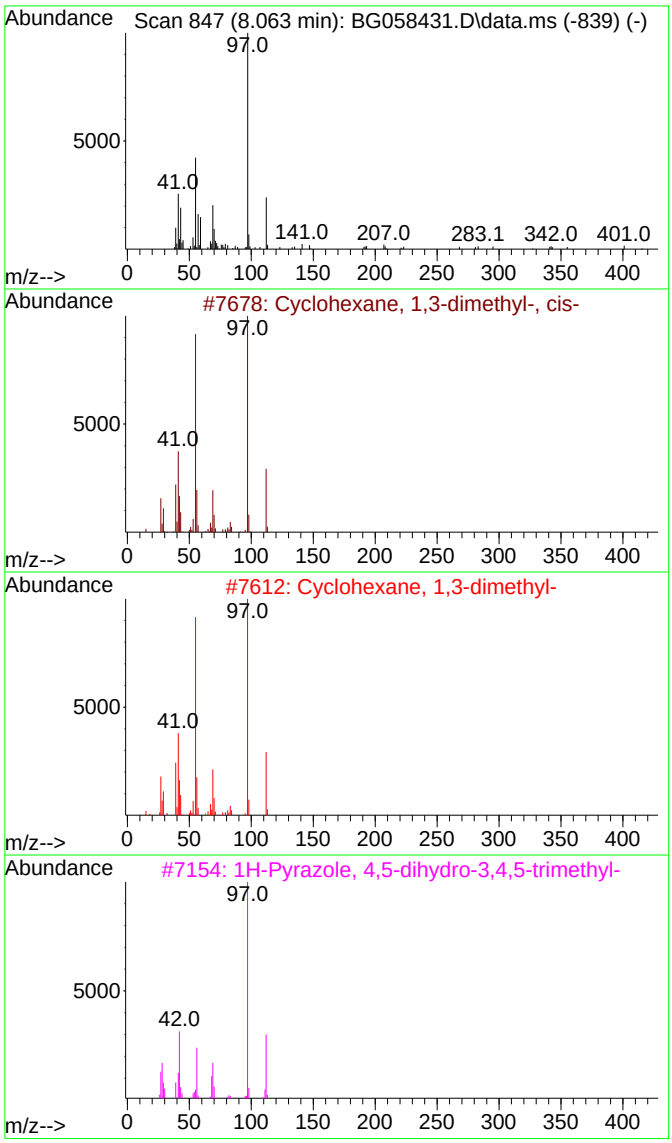
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

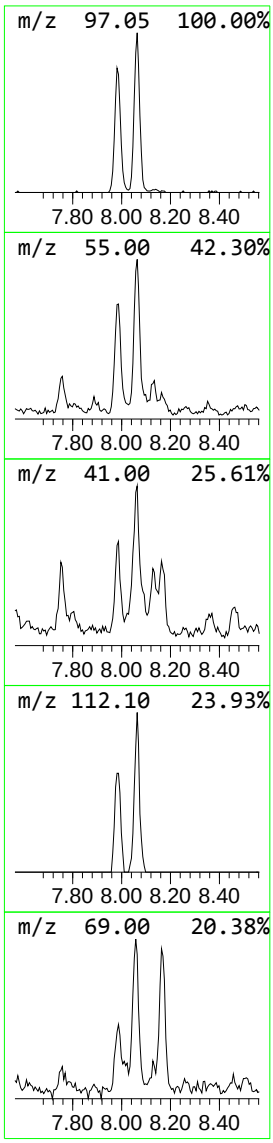
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	10.45 ng/ul	140622	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, 1,3-dimethyl-	112	C8H16	000591-21-9	64
3	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	64
4	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	64
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

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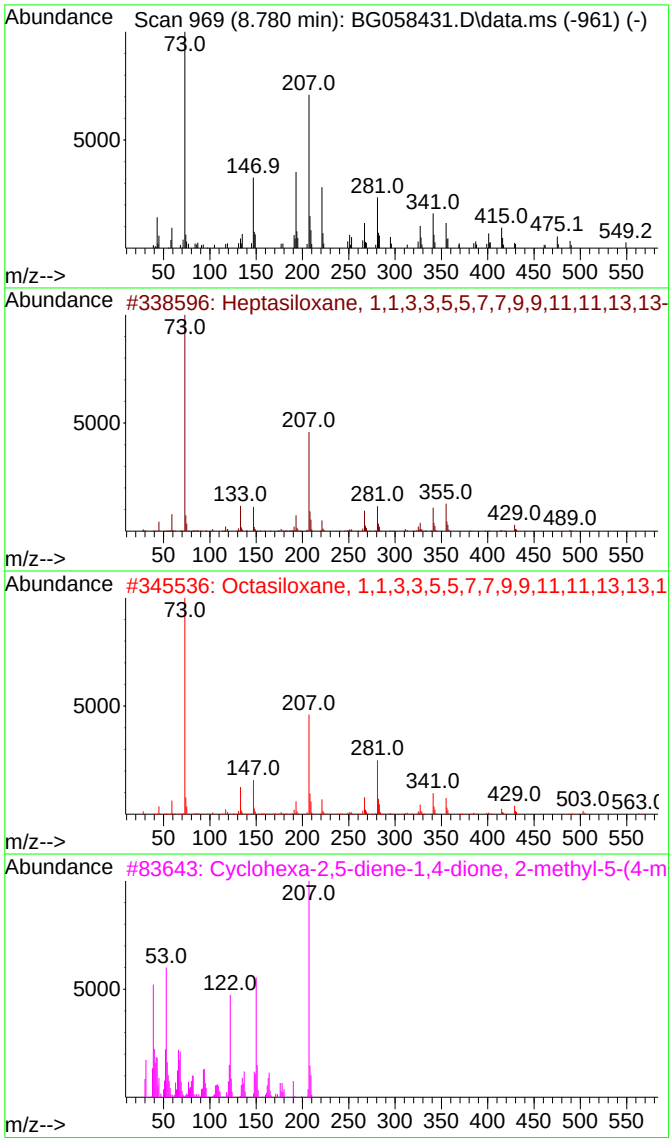
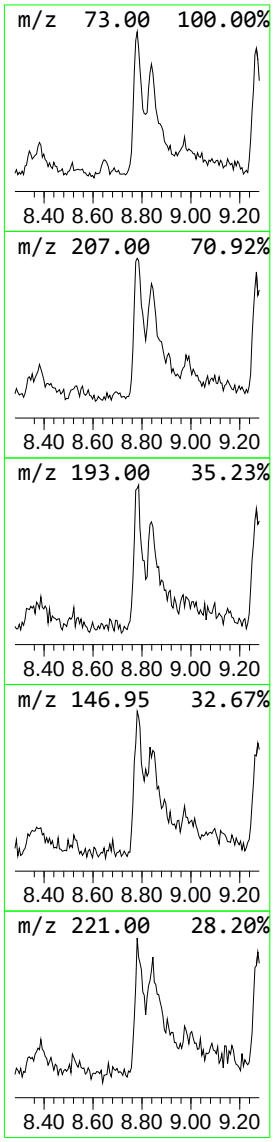
Peak Number 31 unknown-10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.780	12.50 ng/ul	168168	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	49
2	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	43
3	Cyclohexa-2,5-diene-1,4-dione, 2...	207	C11H13NO3	002158-89-6	25
4	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	25
5	4-tert-Butylphenol, TMS derivative	222	C13H22OSi	025237-79-0	25





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Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

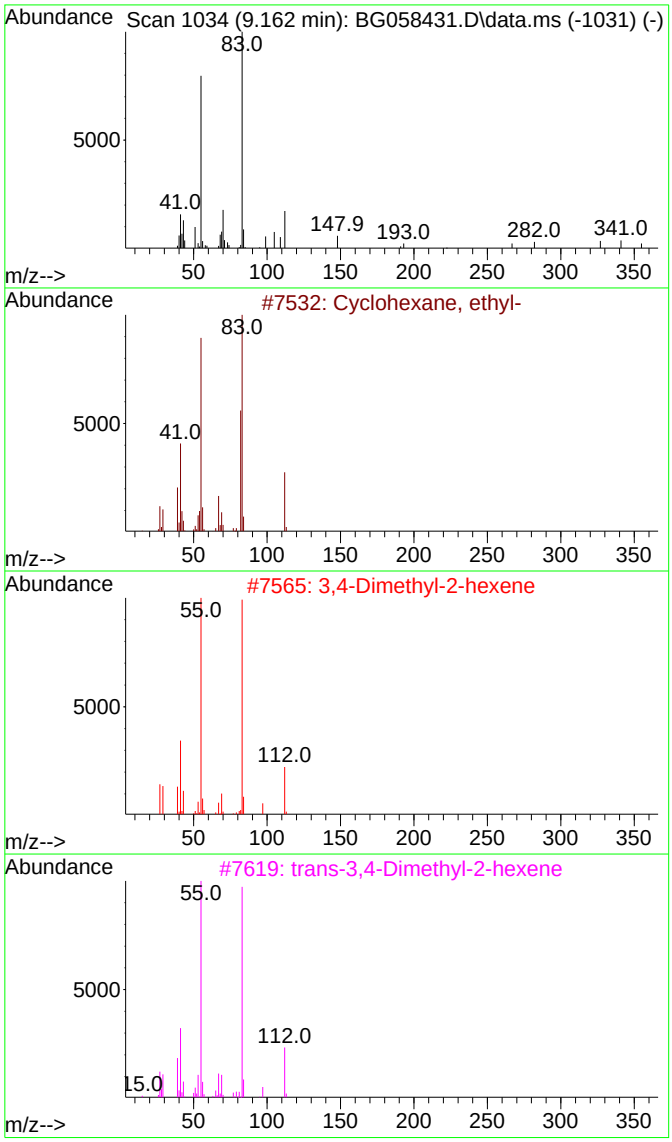
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

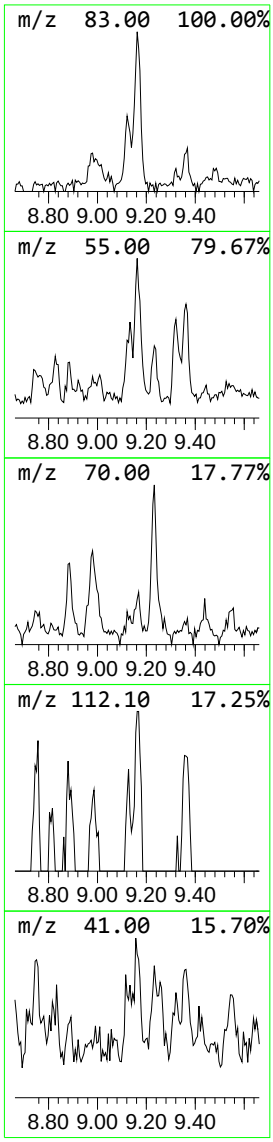
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic9.162 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.162	2.34 ng/ul	31543	1,4-Dichlorobenzene-d4	7.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
2	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	59
3	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	59
4	2-Butyn-1-one, 1-cyclohexyl-4,4-...	238	C14H22O3	055402-05-6	56
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	45





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

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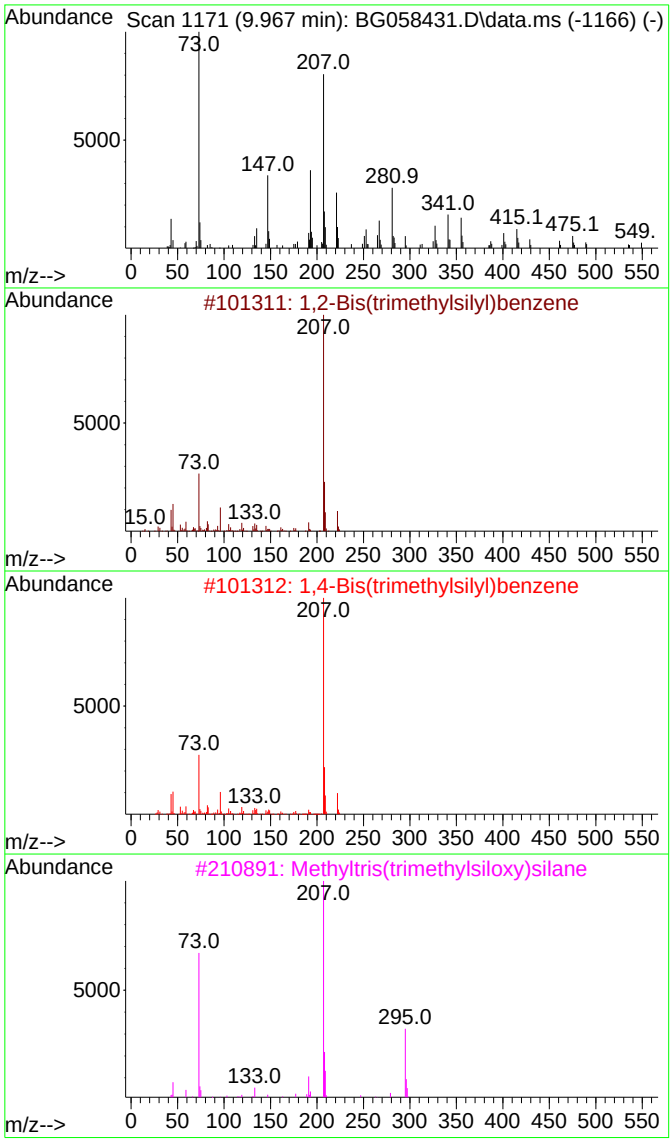
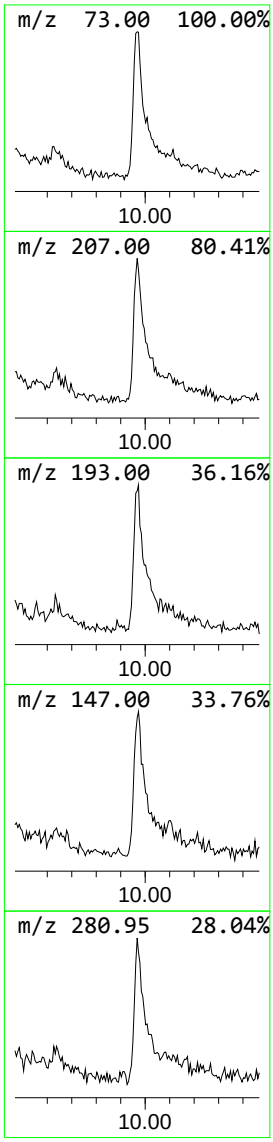
Peak Number 34 unknown-11 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.967	11.15 ng/ul	213655	Naphthalene-d8	10.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	49
2	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	49
3	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	47
4	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	47
5	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	47





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46W3

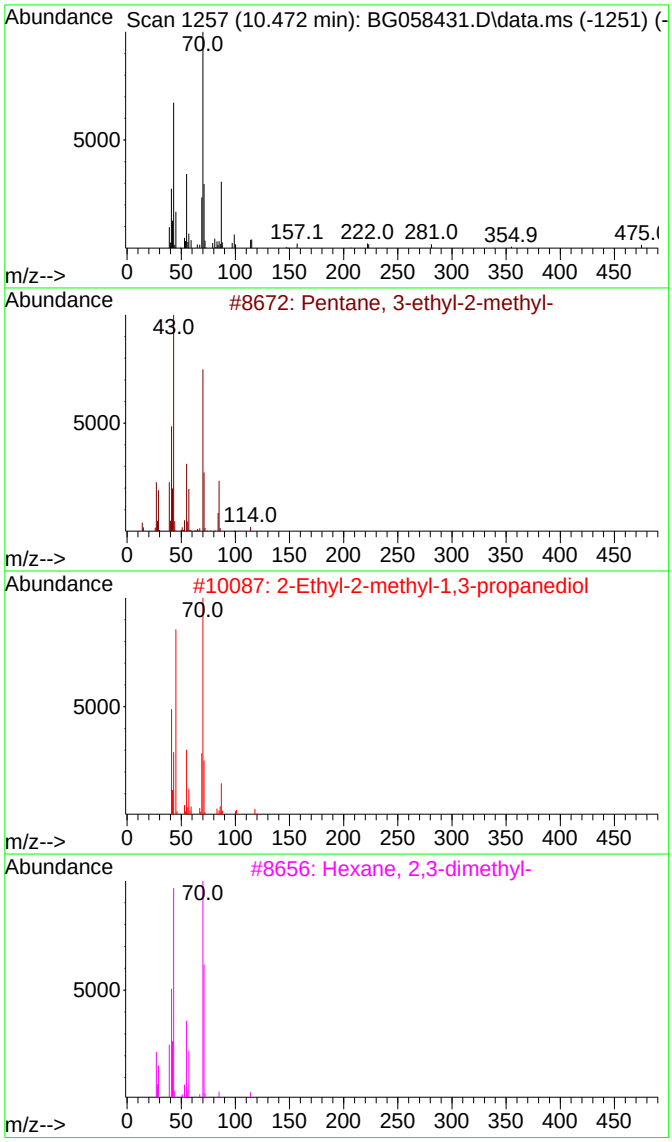
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

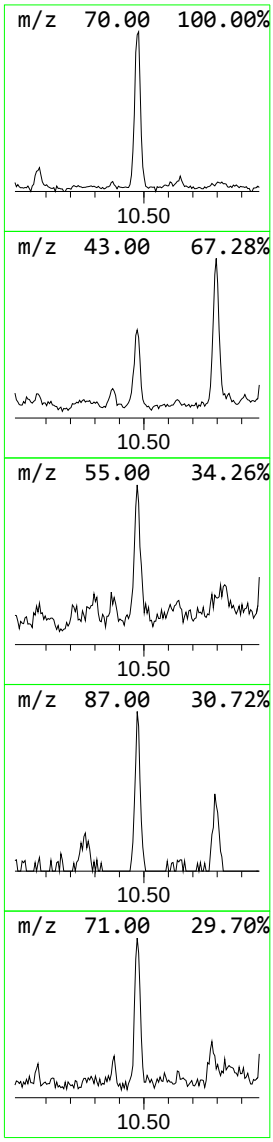
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.472	4.67 ng/ul	89576	Naphthalene-d8	10.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
2	2-Ethyl-2-methyl-1,3-propanediol	118	C6H14O2	000077-84-9	50
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	47
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	47
5	Heptanoic acid, 3-methylbutyl ester	200	C12H24O2	000109-25-1	45





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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

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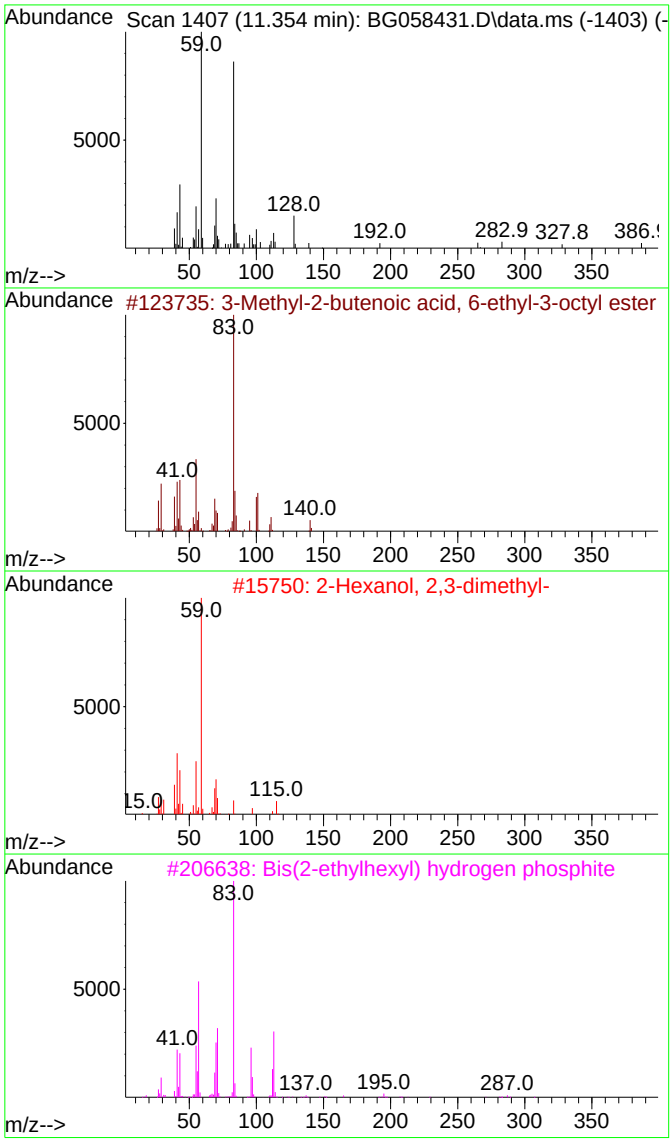
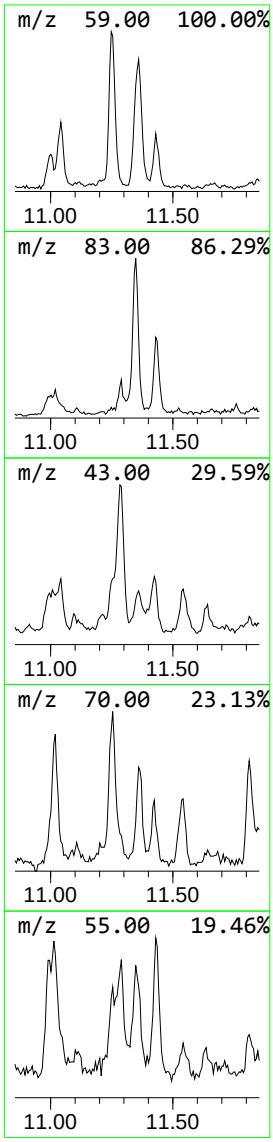
Peak Number 39 unknown-12 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.354	5.80 ng/ul	111250	Naphthalene-d8	10.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-butenoic acid, 6-ethy...	240	C15H28O2	1000279-22-7	35
2	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	35
3	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	32
4	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	27
5	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	27





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Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

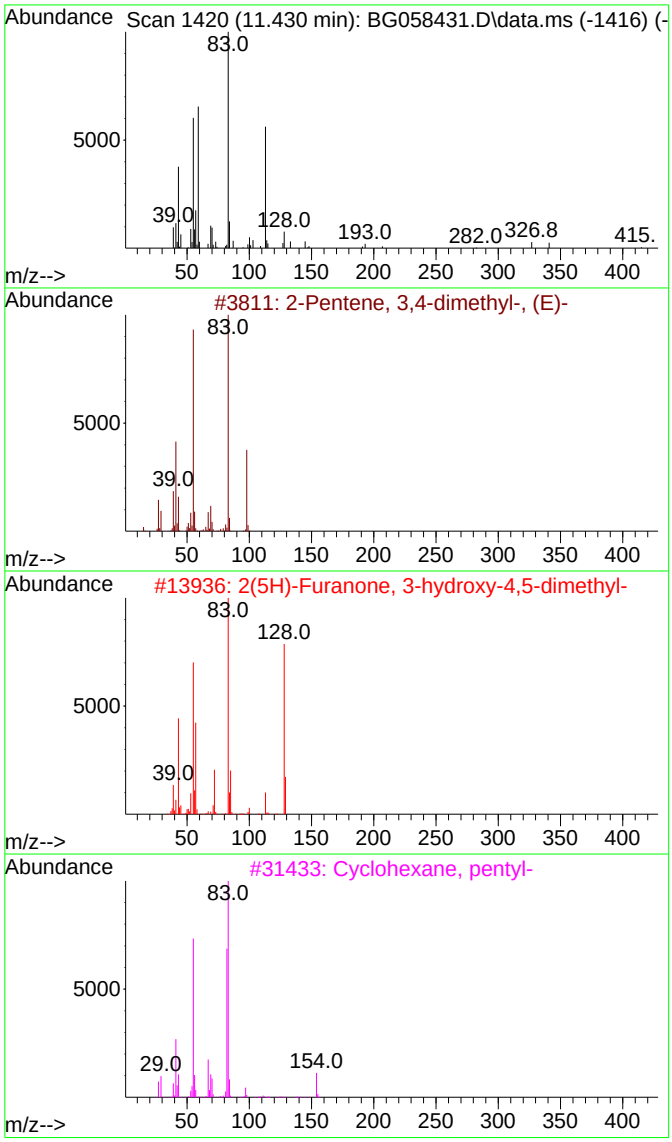
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

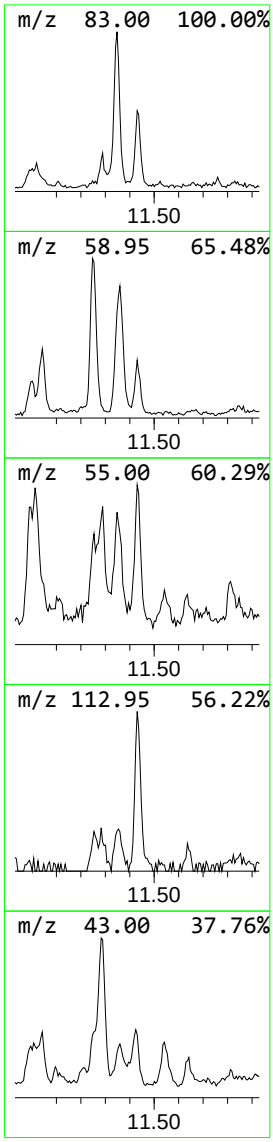
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.430	4.39 ng/ul	84114	Naphthalene-d8	10.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	35
2	2(5H)-Furanone, 3-hydroxy-4,5-di...	128	C6H8O3	028664-35-9	32
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	25
4	1-(1-Methoxypropan-2-yloxy)propa...	230	C12H22O4	1000367-11-3	25
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	25





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Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

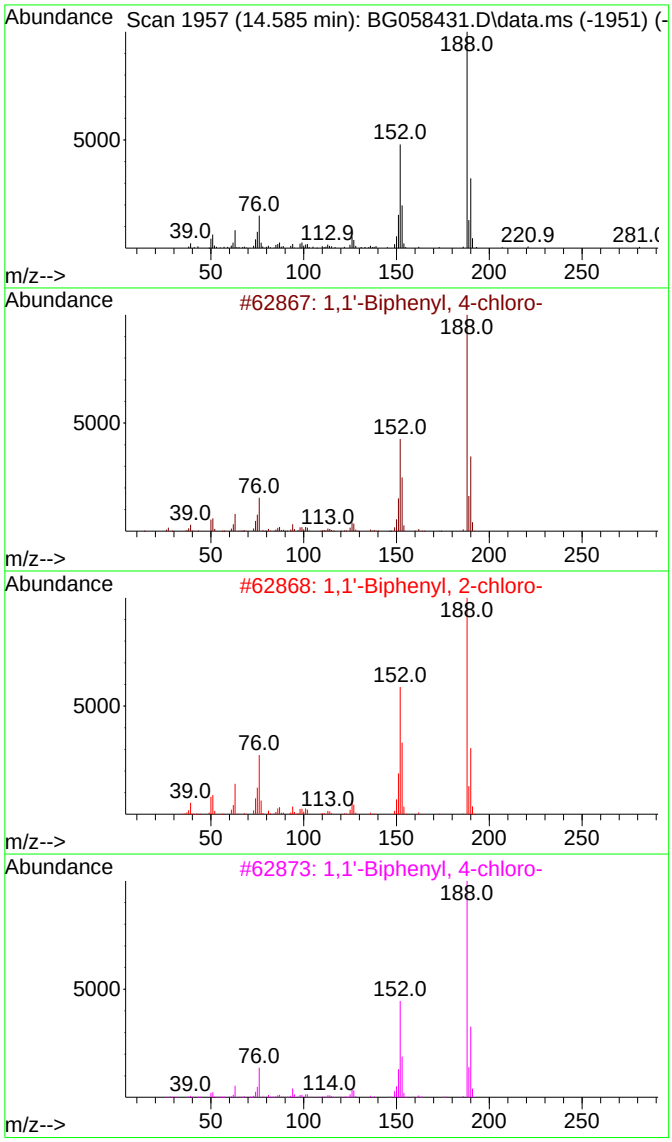
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

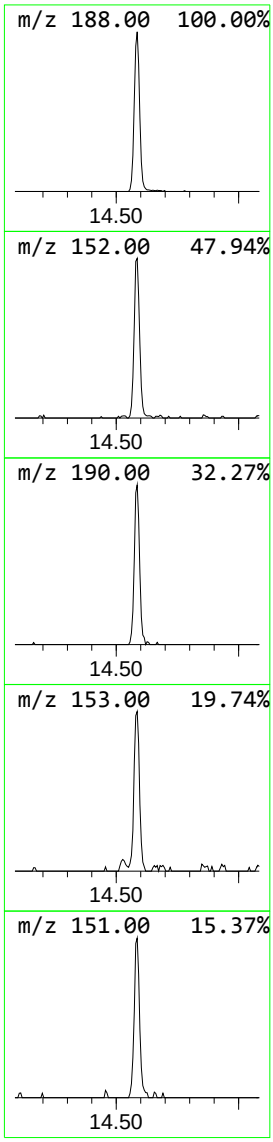
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 1,1'-Biphenyl, 4-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.585	6.94 ng/ul	201318	Acenaphthene-d10	14.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

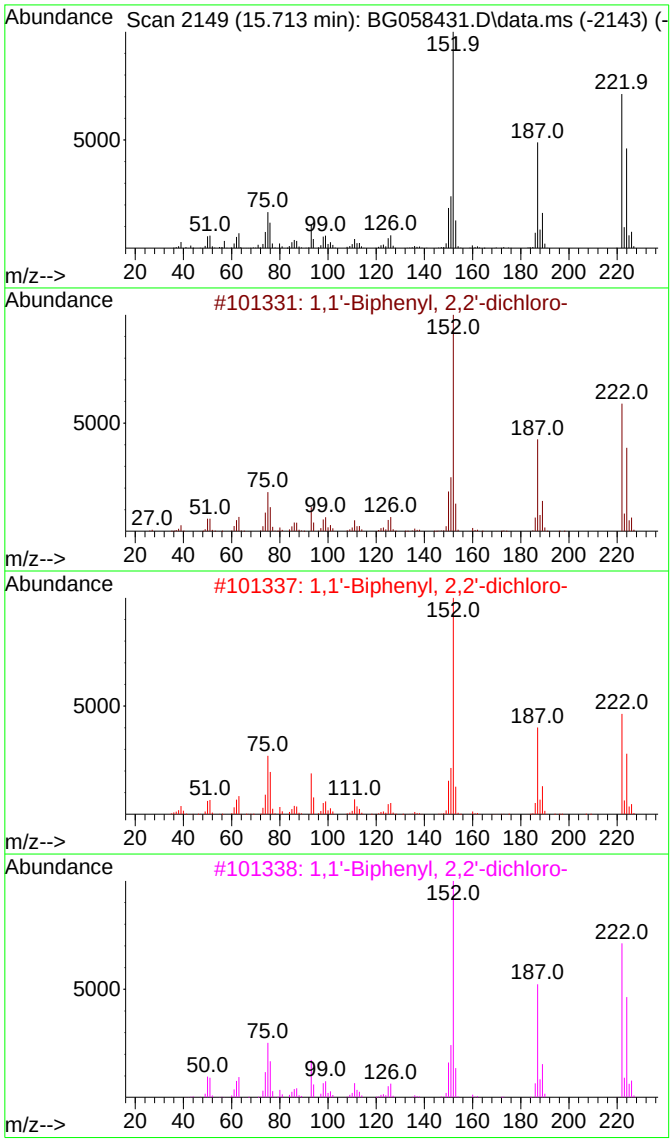
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

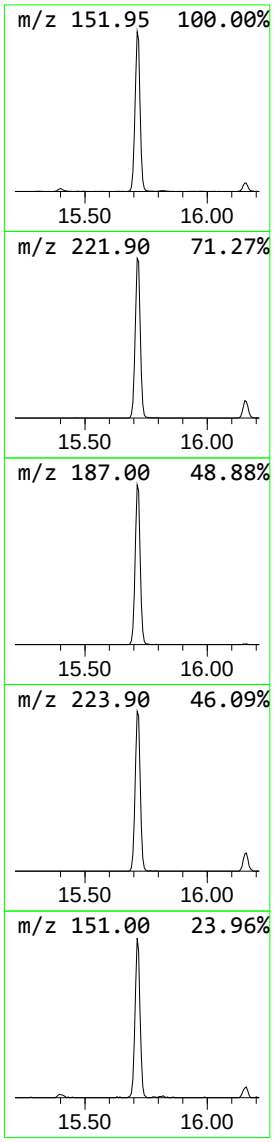
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.713	39.33 ng/ul	1141470	Acenaphthene-d10	14.462

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, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97





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Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

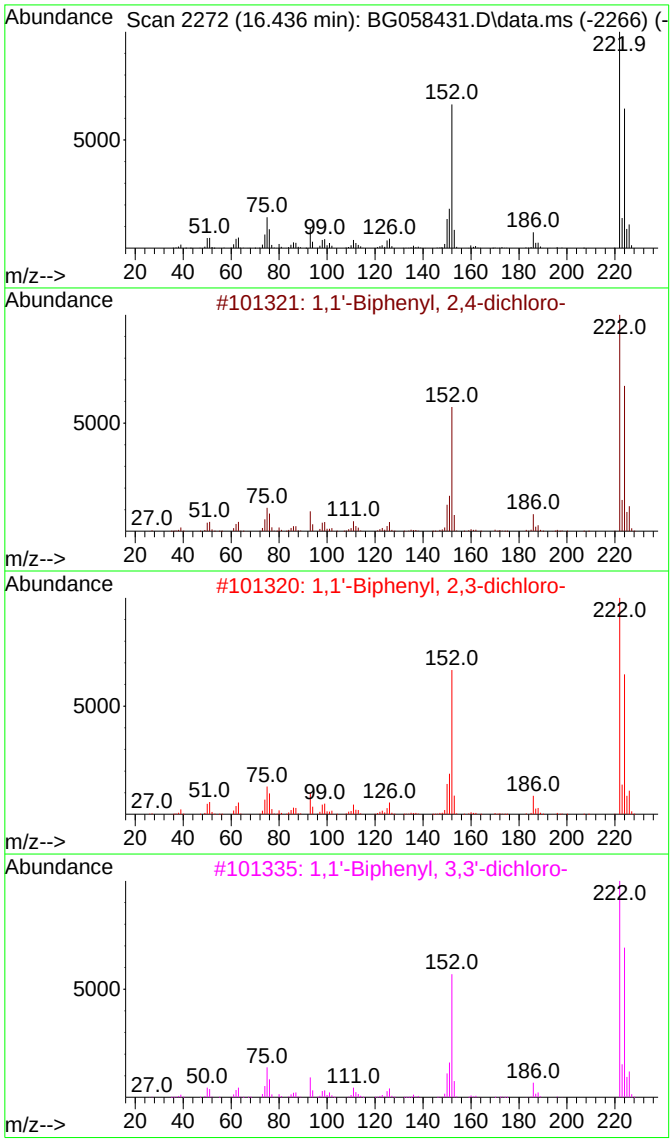
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

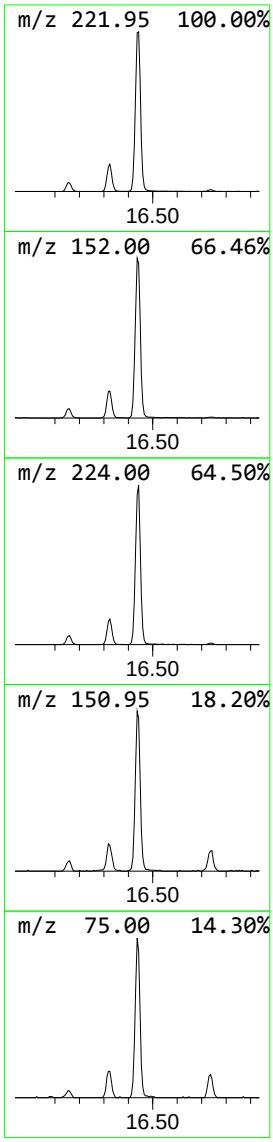
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.436	23.76 ng/ul	1280840	Phenanthrene-d10	17.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

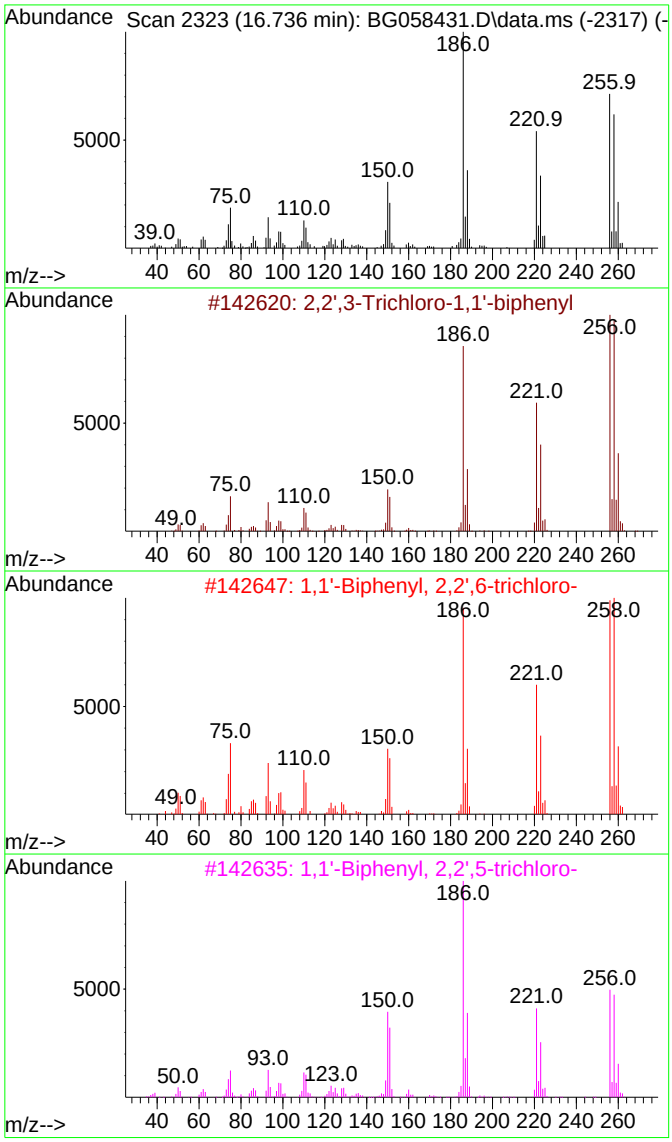
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

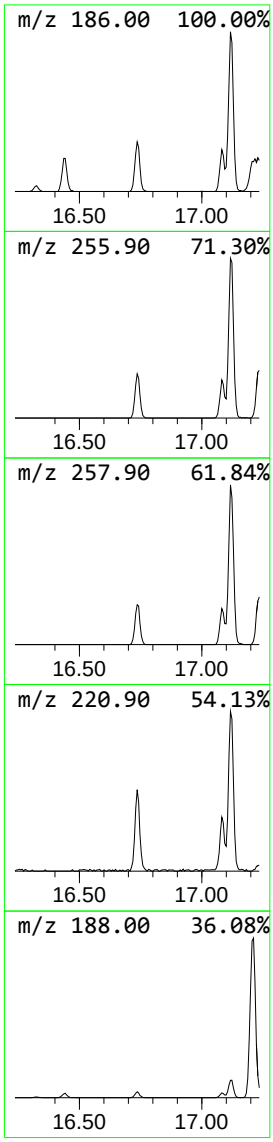
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 2,2',3-Trichloro-1,1'-biphenyl Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.736	4.30 ng/ul	231869	Phenanthrene-d10	17.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





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Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

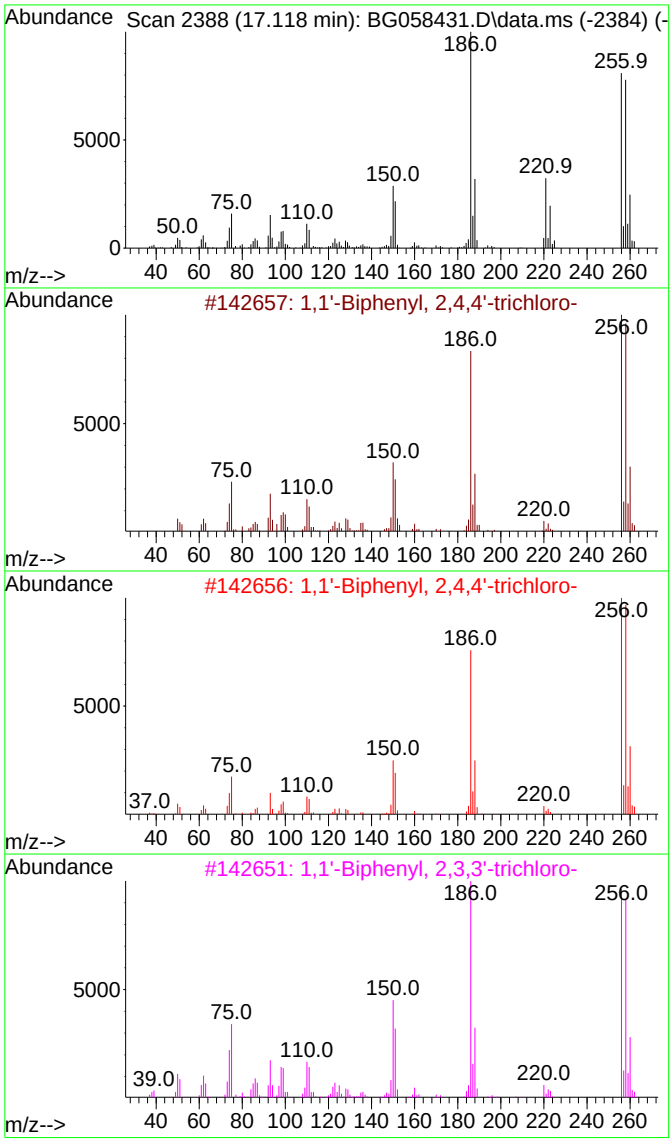
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

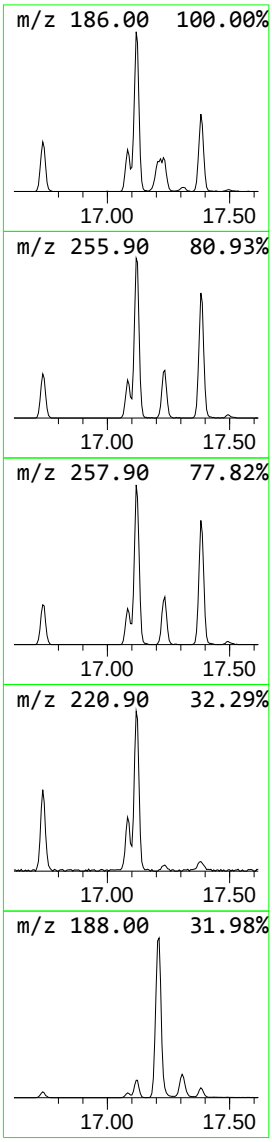
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.118	12.64 ng/ul	681318	Phenanthrene-d10	17.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

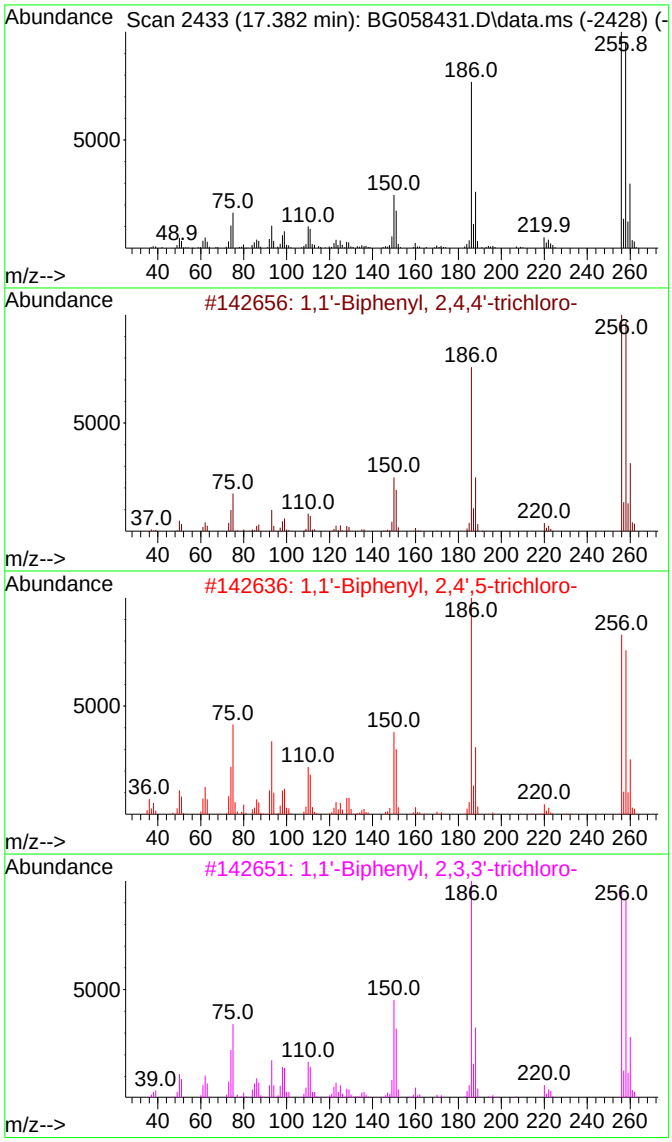
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

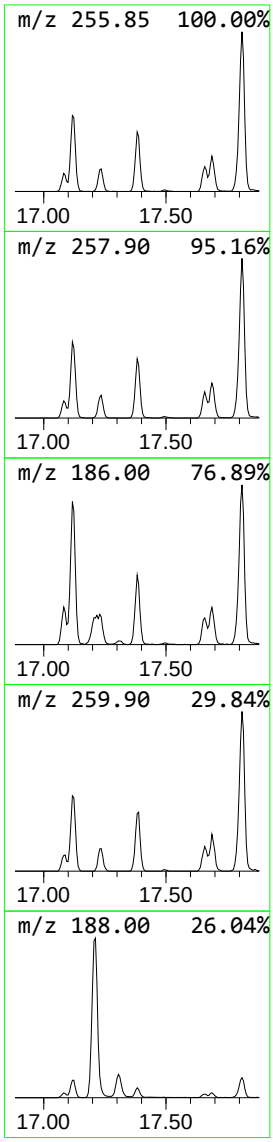
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.382	7.08 ng/ul	381666	Phenanthrene-d10	17.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99





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Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

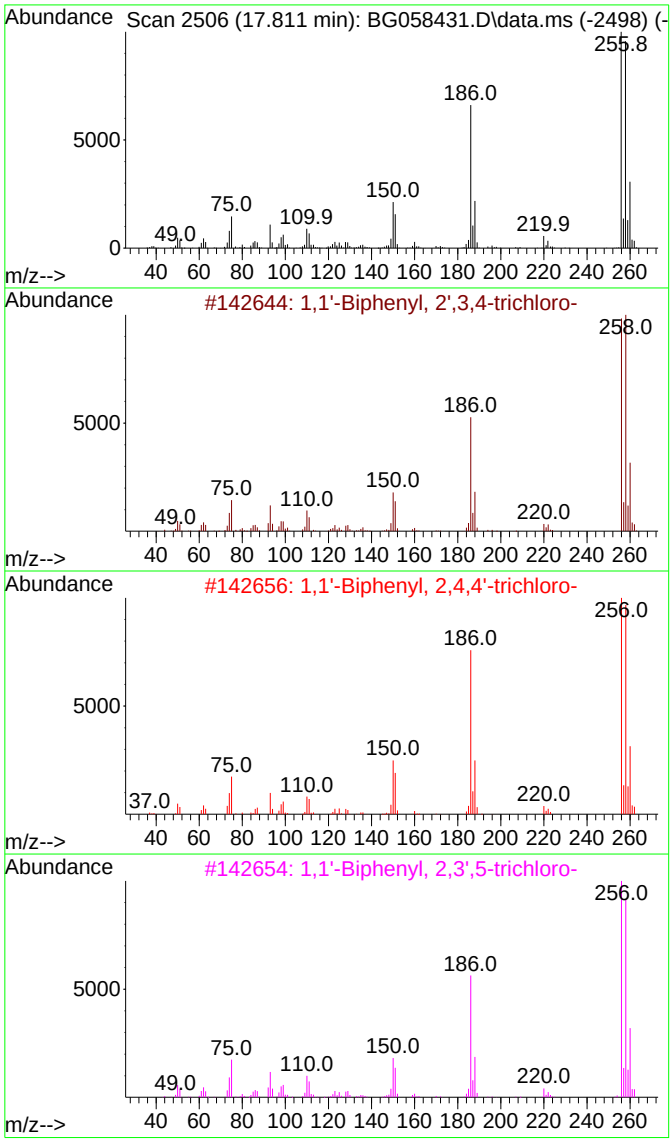
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

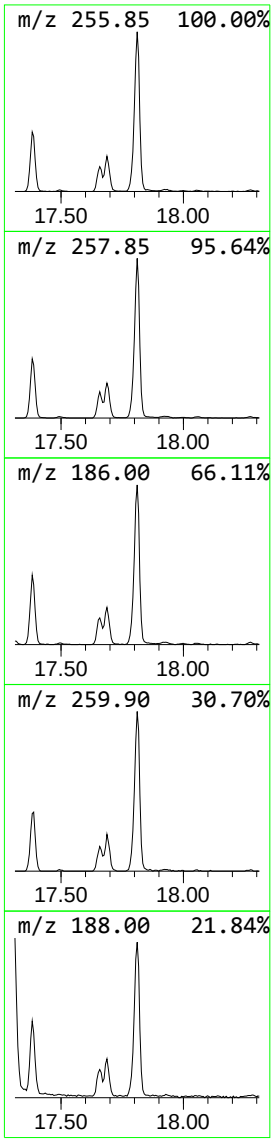
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.811	18.94 ng/ul	1020960	Phenanthrene-d10	17.212

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

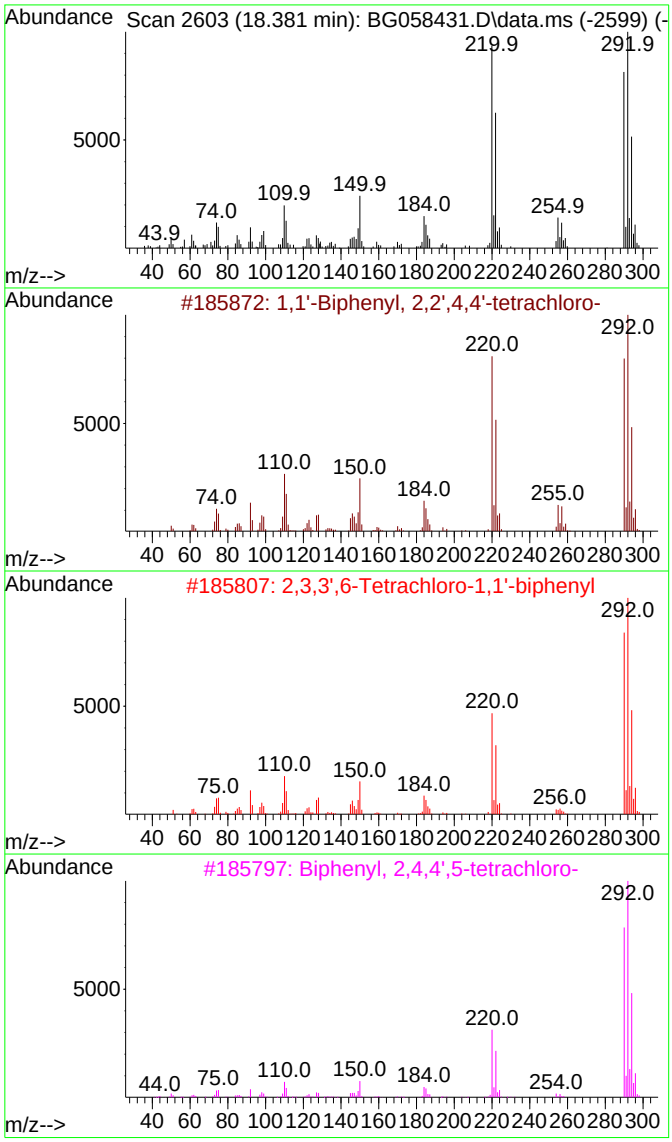
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

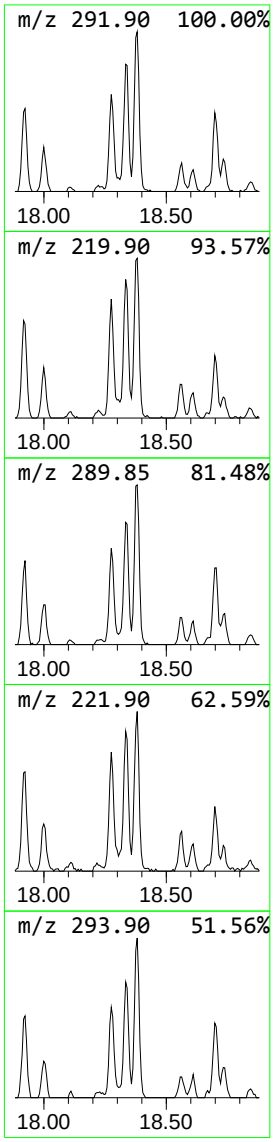
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	4.61 ng/ul	248501	Phenanthrene-d10	17.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99





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Acq On : 24 Jul 2023 20:10
Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

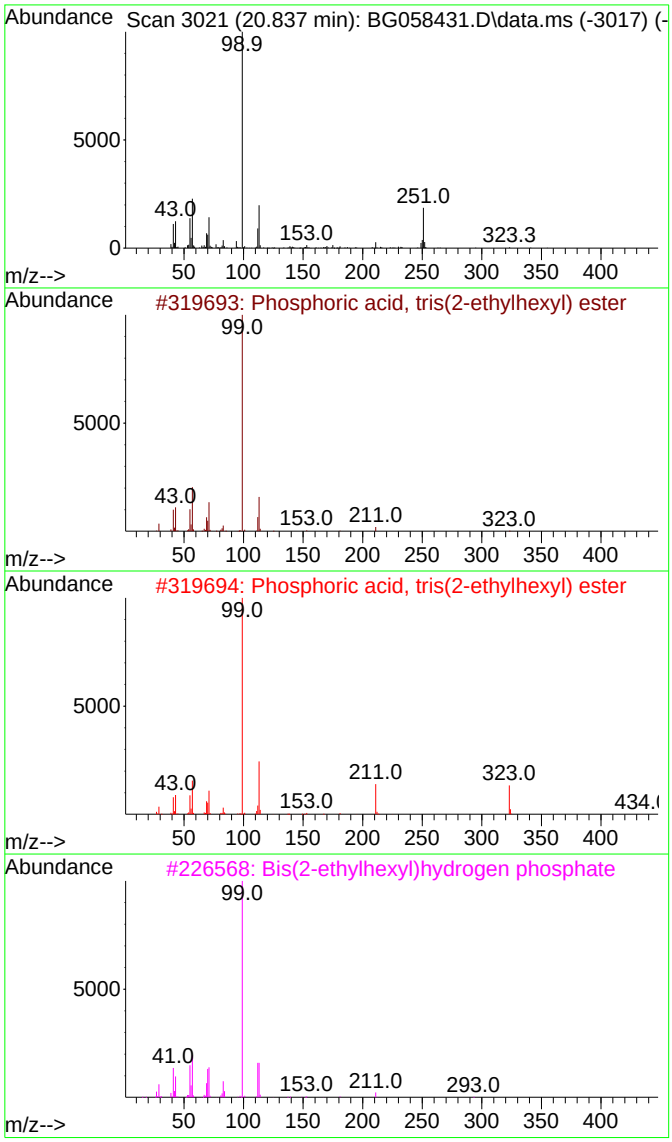
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

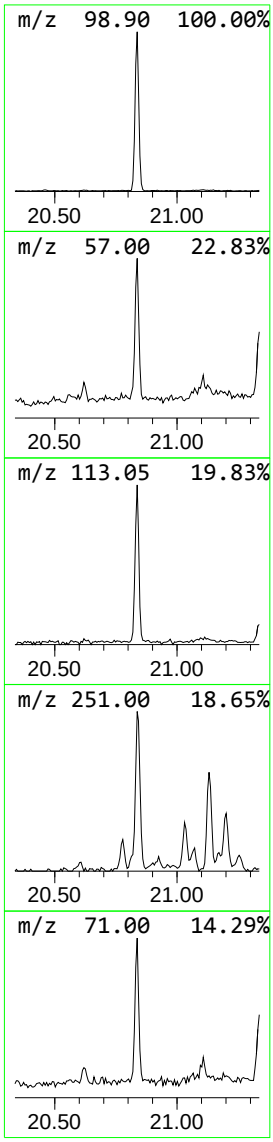
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Phosphoric acid, tris(2-eth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.837	5.24 ng/ul	241664	Chrysene-d12	21.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	83
2	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	59
3	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	59
4	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	43
5	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058431.D
Acq On : 24 Jul 2023 20:10
Operator : CG/JU
Sample : 03504-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W3

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---			
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unknown-01	3.768	4.2	ng/ul	56786	1	7.817	269154	20.0
Prenol	3.980	39.0	ng/ul	524915	1	7.817	269154	20.0
2-Butenal, 3-me...	4.144	18.9	ng/ul	253813	1	7.817	269154	20.0
3-Penten-1-ol, ...	4.215	29.4	ng/ul	395056	1	7.817	269154	20.0
unknown-02	4.362	12.1	ng/ul	162995	1	7.817	269154	20.0
2-Pentanol, 3-m...	4.550	66.1	ng/ul	889121	1	7.817	269154	20.0
unknown-03	4.591	35.8	ng/ul	481957	1	7.817	269154	20.0
unknown-04	4.632	28.3	ng/ul	380492	1	7.817	269154	20.0
1,3-Dioxane, 2,...	4.996	5.4	ng/ul	72888	1	7.817	269154	20.0
N,N-Dimethylace...	5.278	5.3	ng/ul	71381	1	7.817	269154	20.0
1-Propene, 1-ch...	5.701	10.7	ng/ul	144123	1	7.817	269154	20.0
Butanamide	5.748	3.7	ng/ul	49749	1	7.817	269154	20.0
Octasiloxane, 1...	5.813	29.5	ng/ul	396946	1	7.817	269154	20.0
unknown-05	5.925	5.6	ng/ul	75856	1	7.817	269154	20.0
unknown-06	6.324	19.4	ng/ul	260600	1	7.817	269154	20.0
(DEL) Alkane: S...	6.624	2.9	ng/ul	39212	1	7.817	269154	20.0
unknown-07	6.647	5.7	ng/ul	77179	1	7.817	269154	20.0
unknown-08	7.047	5.6	ng/ul	75833	1	7.817	269154	20.0
unknown-09	7.499	17.7	ng/ul	238104	1	7.817	269154	20.0
(DEL) Alkane: C...	7.752	2.8	ng/ul	37320	1	7.817	269154	20.0
(DEL) Alkane: C...	7.987	5.4	ng/ul	73118	1	7.817	269154	20.0
(DEL) Alkane: S...	8.063	10.4	ng/ul	140622	1	7.817	269154	20.0
unknown-10	8.780	12.5	ng/ul	168168	1	7.817	269154	20.0
(DEL) Alkane: C...	9.162	2.3	ng/ul	31543	1	7.817	269154	20.0
unknown-11	9.967	11.2	ng/ul	213655	2	10.619	383335	20.0
(DEL) Alkane: S...	10.472	4.7	ng/ul	89576	2	10.619	383335	20.0
unknown-12	11.354	5.8	ng/ul	111250	2	10.619	383335	20.0
(DEL) Alkane: S...	11.430	4.4	ng/ul	84114	2	10.619	383335	20.0
1,1'-Biphenyl, ...	14.585	6.9	ng/ul	201318	3	14.462	580407	20.0
1,1'-Biphenyl, ...	15.713	39.3	ng/ul	1141470	3	14.462	580407	20.0
1,1'-Biphenyl, ...	16.436	23.8	ng/ul	1280840	4	17.212	1078180	20.0
2,2',3-Trichlor...	16.736	4.3	ng/ul	231869	4	17.212	1078180	20.0
1,1'-Biphenyl, ...	17.118	12.6	ng/ul	681318	4	17.212	1078180	20.0
1,1'-Biphenyl, ...	17.382	7.1	ng/ul	381666	4	17.212	1078180	20.0
1,1'-Biphenyl, ...	17.811	18.9	ng/ul	1020960	4	17.212	1078180	20.0
1,1'-Biphenyl, ...	18.381	4.6	ng/ul	248501	4	17.212	1078180	20.0
Phosphoric acid...	20.837	5.2	ng/ul	241664	5	21.448	921726	20.0