LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

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: BG058387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.136	3	8	25	rVB	4253017	8098995	100.00%	24.204%
2	3.618	85	90	96	rBV	38441	57961	0.72%	0.173%
3	3.753	107	113	122	rVV2	113142	301480	3.72%	0.901%
4	3.818	122	124	128	rVV3	42429	73303	0.91%	0.219%
5	3.865	128	132	137	rVV	255667	382482	4.72%	1.143%
6	3.912	137	140	147	rVV2	45118	114450	1.41%	0.342%
7	3.994	150	154	161	rVV2	52283	96814	1.20%	0.289%
8	4.071	161	167	177	rVV	429939	781512	9.65%	2.336%
9	4.153	177	181	190	rVV4	25730	56873	0.70%	0.170%
10	4.235	190	195	209	rVB	147953	247116	3.05%	0.739%
11	4.458	227	233	241	rBV	142458	242810	3.00%	0.726%
12	4.594	247	256	259	rBV	68925	128462	1.59%	0.384%
13	4.641	259	264	268	rVV	886627	1460739	18.04%	4.365%
14	4.682	268	271	284	rVB	447810	694875	8.58%	2.077%
15	5.087	330	340	347	rVV	100662	185157	2.29%	0.553%
16	5.357	382	386	399	rBV2	53759	120329	1.49%	0.360%
17	5.786	452	459	464	rBV2	112309	214083	2.64%	0.640%
18	5.833	464	467	473	rVB	52252	76846	0.95%	0.230%
19	6.192	520	528	533	rBV3	123196	227521	2.81%	0.680%
20	6.521	579	584	592	rVV2	41960	89503	1.11%	0.267%
21	6.720	609	618	624	rBV2	112894	292131	3.61%	0.873%
22	6.773	624	627	633	rVV4	35411	80696	1.00%	0.241%
23	7.061	670	676	682	rVV	92216	177790	2.20%	0.531%
24	7.126	683	687	697	rVB2	69786	136627	1.69%	0.408%
25	7.220	697	703	709	rBV	105784	179091	2.21%	0.535%
26	7.431	733	739	745	rBV	131002	225594	2.79%	0.674%
27	7.578	756	764	781	rBV2	142391	294138	3.63%	0.879%
28	7.831	797	807	811	rBV5	29314	68341	0.84%	0.204%
29	7.896	811	818	826	rVV	190803	341977	4.22%	1.022%
30	8.060	840	846	852	rBV	72985	135894	1.68%	0.406%
31	8.136	852	859	867	rBV3	95646	199960	2.47%	0.598%
32	8.207	867	871	875	rBV	42182	72284	0.89%	0.216%
33	8.424	902	908	922	rBV7	25133	82189	1.01%	0.246%
34	8.607	933	939	947	rVV	74227	149662	1.85%	0.447%
35	8.718	952	958	968	rVB	120996	224945	2.78%	0.672%
36	8.853	968	981	987	rBV10	33499	127563	1.58%	0.381%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46S2

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	8.912	987	991	995	rVV6	28409	61646	0.76%	0.184%
38	8.959	995	999	1008	rVB2	30210	61711	0.76%	0.184%
39	9.059	1008	1016	1024	rBV	126546	243055	3.00%	0.726%
40	9.206	1035	1041	1044	rBV5	26010	55234	0.68%	0.165%
41	9.394	1069	1073	1077	rBV3	31022	53971	0.67%	0.161%
42	9.441	1077	1081	1086	rVV3	35137	61013	0.75%	0.182%
43	9.776	1132	1138	1148	rVB4	108235	216838	2.68%	0.648%
44	9.952	1162	1168	1173	rBV2	23653	53355	0.66%	0.159%
45	10.322	1220	1231	1237	rBV2	132351	310734	3.84%	0.929%
46	10.375	1237	1240	1248	rVB	40103	58680	0.72%	0.175%
47	10.545	1259	1269	1276	rBV	66601	130714	1.61%	0.391%
48	10.698	1282	1295	1302	rBV	277702	511486	6.32%	1.529%
49	10.869	1317	1324	1329	rBV	59197	105949	1.31%	0.317%
50	11.068	1350	1358	1362	rBV2	53993	116488	1.44%	0.348%
51	11.115	1362	1366	1373	rVV	65537	118211	1.46%	0.353%
52	11.327	1397	1402	1405	rVV2	87595	162971	2.01%	0.487%
53	11.362	1406	1408	1413	rVV	77360	105385	1.30%	0.315%
54	11.427	1413	1419	1426	rVV2	84258	214139	2.64%	0.640%
55	11.509	1426	1433	1438	rVB	72691	131466	1.62%	0.393%
56	11.885	1491	1497	1501	rBV3	29473	58399	0.72%	0.175%
57	12.144	1532	1541	1550	rBV8	24162	79965	0.99%	0.239%
58	12.743	1638	1643	1648	rBV2	41687	66077	0.82%	0.197%
59	12.896	1662	1669	1672	rBV2	40425	72172	0.89%	0.216%
60	12.931	1672	1675	1680	rVB2	32747	54656	0.67%	0.163%
61	13.936	1840	1846	1854	rVB	268416	444565	5.49%	1.329%
62	14.223	1890	1895	1901	rBV	243435	392606	4.85%	1.173%
63	14.359	1914	1918	1924	rVB2	46185	75146	0.93%	0.225%
64	14.529	1938	1947	1954	rVV	368786	622002	7.68%	1.859%
65	14.740	1978	1983	1987	rBV2	49909	94096	1.16%	0.281%
66	15.522	2111	2116	2122	rVV	383538	597812	7.38%	1.787%
67	15.581	2122	2126	2130	rVV2	45978	82132	1.01%	0.245%
68	15.645	2133	2137	2145	rVV4	32964	64141	0.79%	0.192%
69	15.780	2155	2160	2166	rVB	274031	404090	4.99%	1.208%
70	15.886	2172	2178	2182	rVB2	98305	151218	1.87%	0.452%
71	16.227	2231	2236	2245	rVB4	53369	114132	1.41%	0.341%
72	16.392	2254	2264	2270	rBV	229062	377613	4.66%	1.128%
73	16.503	2278	2283	2289	rBV	336150	480936	5.94%	1.437%
74	16.803	2329	2334	2339	rBV2	94238	150750	1.86%	0.451%
75	17.149	2388	2393	2397	rBV2	285563	439646	5.43%	1.314%
76	17.191	2397	2400	2404	rVB	225277	292566	3.61%	0.874%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

77	17.279	2407	2415	2419	rBV2	451398	873933	10.79%	2.612%
78	17.320	2419	2422	2427	rVV	370360	535301	6.61%	1.600%
79	17.379	2427	2432	2436	rVV	324365	514292	6.35%	1.537%
80	17.449	2440	2444	2452	rVB2	203430	330503	4.08%	0.988%
81	17.725	2487	2491	2494	rBV	165393	241921	2.99%	0.723%
82	17.755	2494	2496	2501	rVB2	150415	181721	2.24%	0.543%
83	17.872	2509	2516	2523	rVB	454640	960799	11.86%	2.871%
84	18.001	2532	2538	2543	rBV3	81935	155239	1.92%	0.464%
85	18.125	2555	2559	2562	rBV	87620	124889	1.54%	0.373%
86	18.160	2562	2565	2569	rVV4	81047	126706	1.56%	0.379%
87	18.342	2591	2596	2601	rBV2	224925	371824	4.59%	1.111%
88	18.401	2603	2606	2610	rVV	124360	168829	2.08%	0.505%
89	18.448	2610	2614	2620	rVB2	84190	110153	1.36%	0.329%
90	18.630	2641	2645	2648	rBV	111784	180711	2.23%	0.540%
91	18.736	2660	2663	2666	rBV3	46793	53165	0.66%	0.159%
92	18.806	2671	2675	2678	rVB	74732	94186	1.16%	0.281%
93	19.112	2724	2727	2733	rBV4	49465	71901	0.89%	0.215%
94	19.335	2760	2765	2771	rVB	686242	960843	11.86%	2.871%
95	19.664	2817	2821	2824	rBV2	242082	379177	4.68%	1.133%
96	19.694	2824	2826	2834	rVB	171556	254524	3.14%	0.761%
97	20.904	3029	3032	3036	rVB2	165305	180750	2.23%	0.540%
98	21.409	3114	3118	3124	rVB	434025	587973	7.26%	1.757%
99	21.527	3132	3138	3143	rBV3	441132	920372	11.36%	2.751%
100	24.670	3667	3673	3684	rVB	277021	754109	9.31%	2.254%

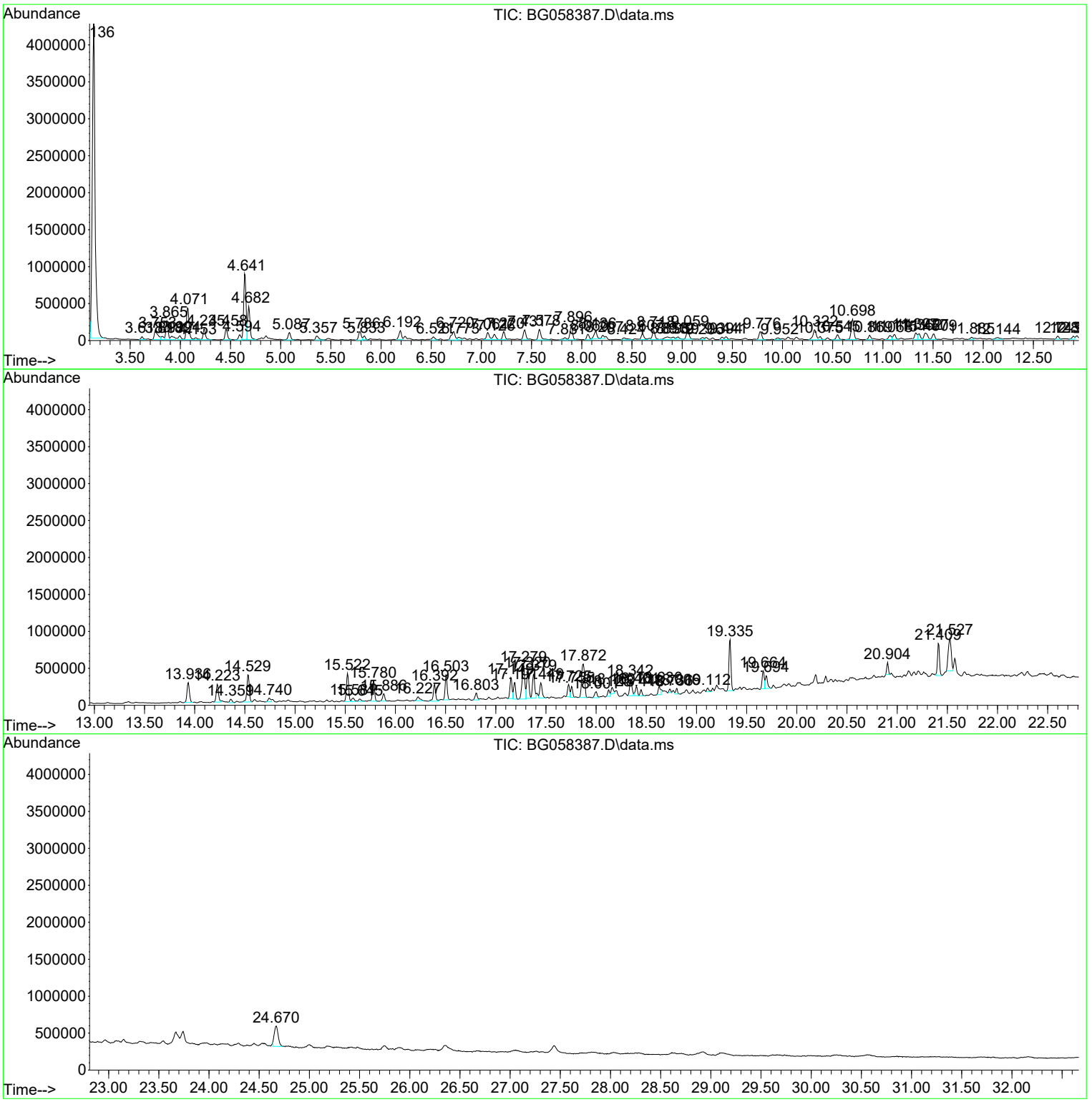
Sum of corrected areas: 33461780

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

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\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

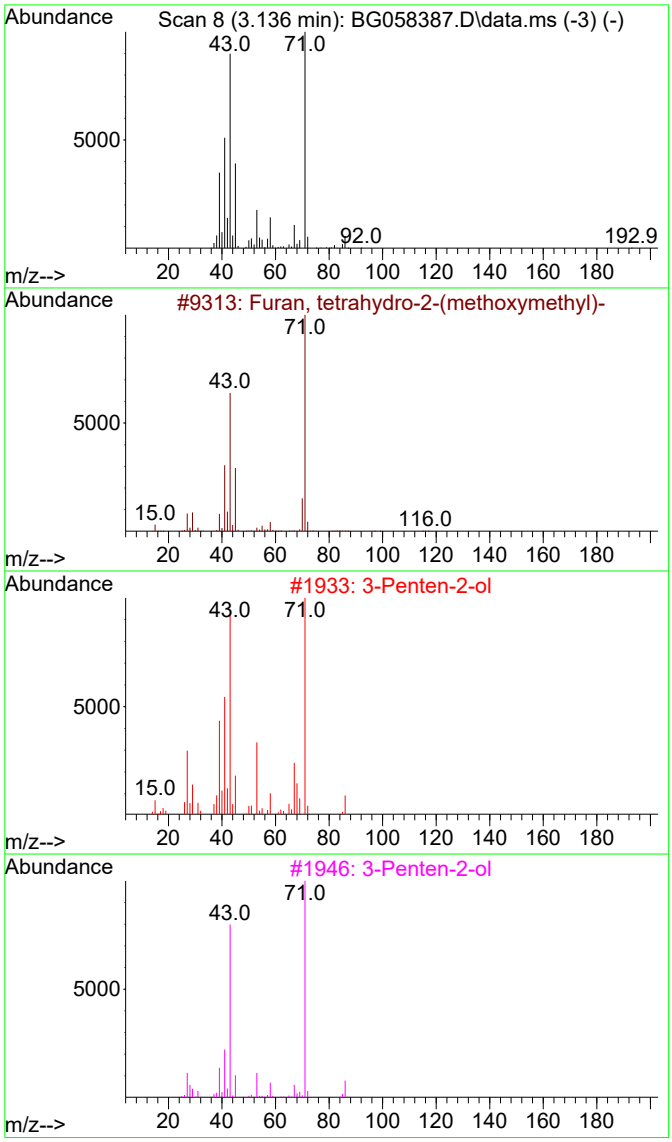
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

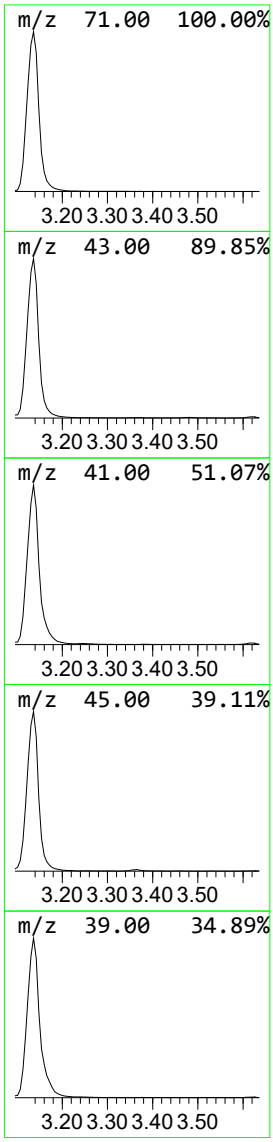
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Furan, tetrahydro-2-(methox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.136	473.66 ng/ul	8099000	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
2	3-Penten-2-ol	86	C5H10O	001569-50-2	53
3	3-Penten-2-ol	86	C5H10O	001569-50-2	50
4	trans-3-Penten-2-ol	86	C5H10O	003899-34-1	50
5	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

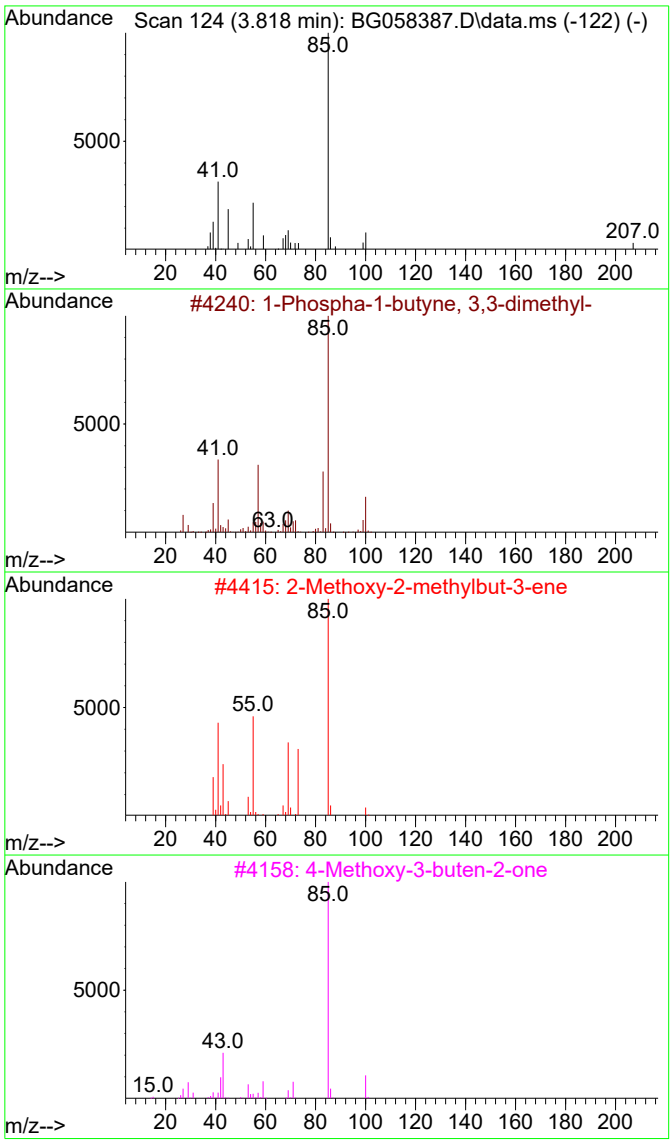
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

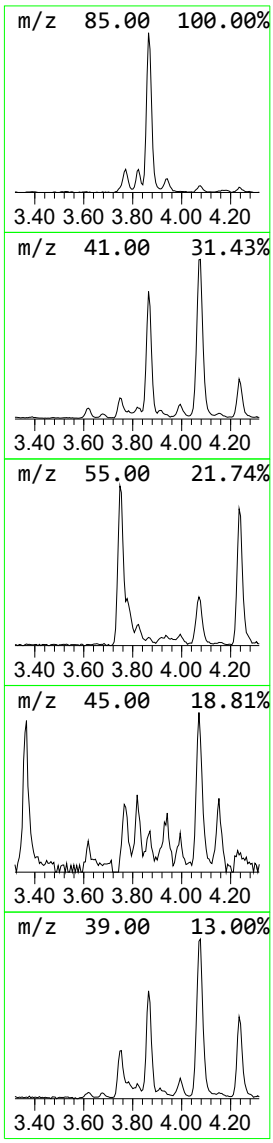
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phospha-1-butyne, 3,3-dim... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.818	4.29 ng/ul	73303	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phospha-1-butyne, 3,3-dimethyl-	100	C5H9P	078129-68-7	64
2	2-Methoxy-2-methylbut-3-ene	100	C6H12O	040426-44-6	64
3	4-Methoxy-3-buten-2-one	100	C5H8O2	004652-27-1	64
4	E-4-Methoxy-2-pentene	100	C6H12O	1000279-60-2	59
5	trans-1-Methoxy-3-methyl-1-butene	100	C6H12O	1000139-44-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

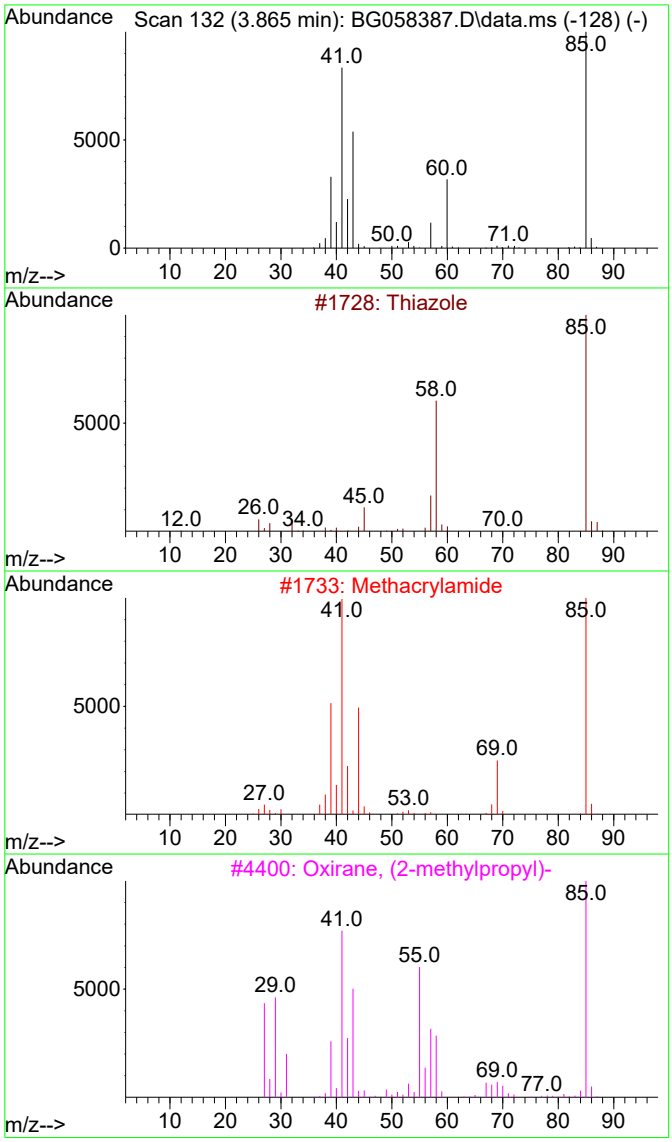
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

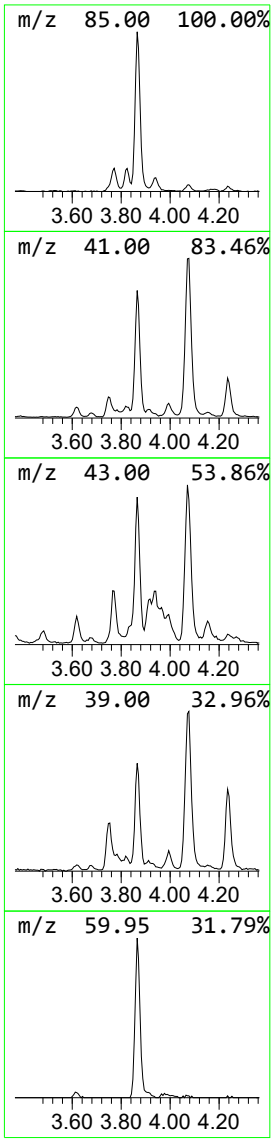
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.865	22.37 ng/ul	382482	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole	85	C3H3NS	000288-47-1	37
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	Thiazole	85	C3H3NS	000288-47-1	25
5	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

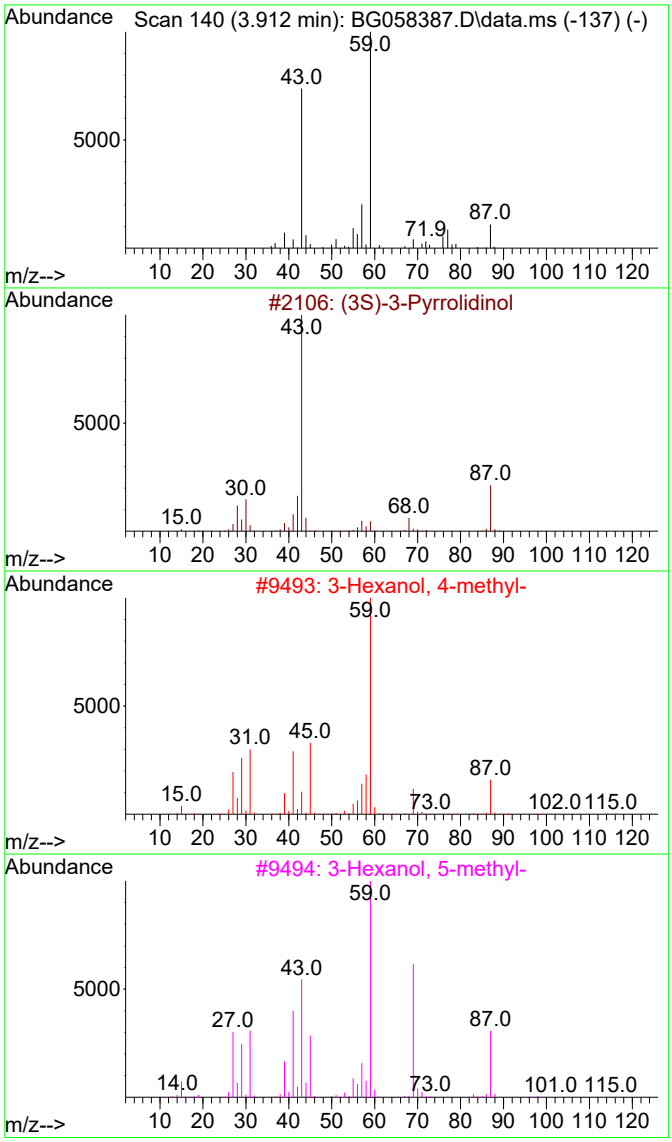
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

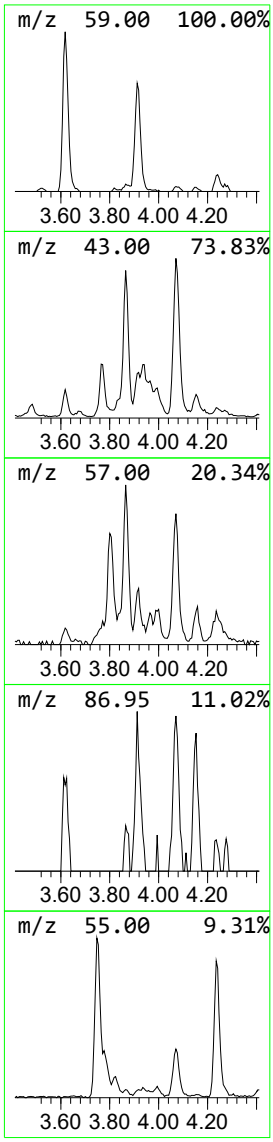
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.912	6.69 ng/ul	114450	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3S)-3-Pyrrolidinol	87	C4H9NO	100243-39-8	9
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
3	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	9
4	Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	9
5	2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

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

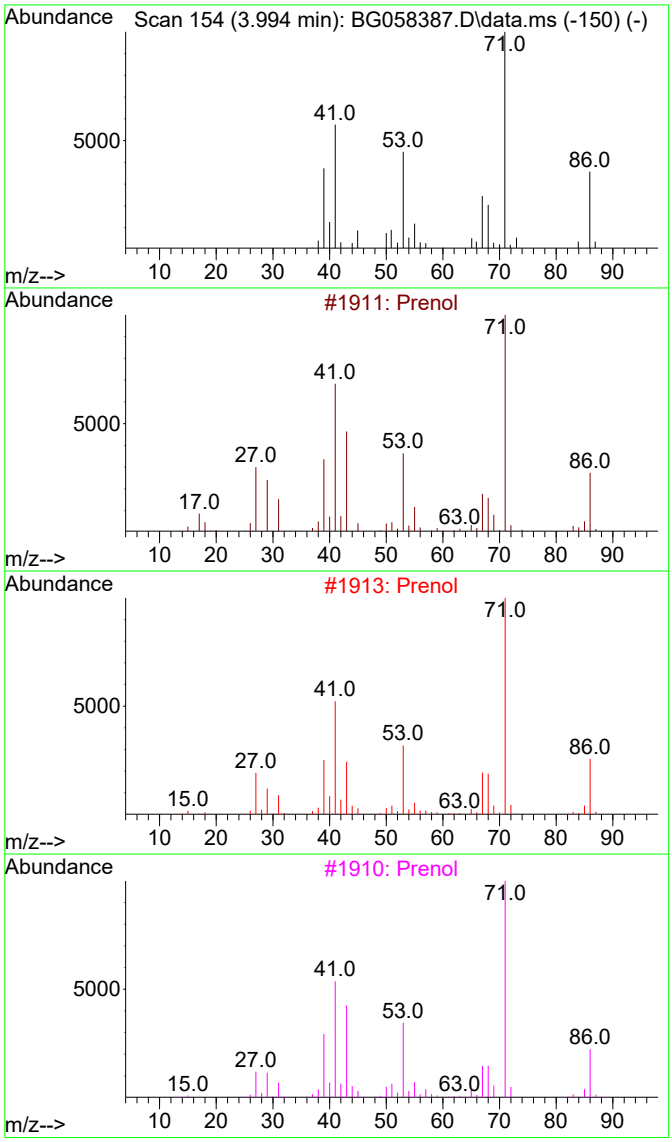
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

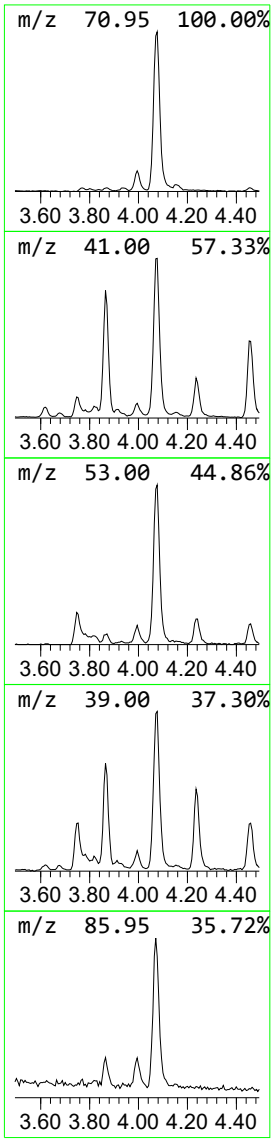
****

Peak Number 6 Prenol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.994	5.66 ng/ul	96814	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	90
2	Prenol	86	C5H10O	000556-82-1	78
3	Prenol	86	C5H10O	000556-82-1	58
4	Prenol	86	C5H10O	000556-82-1	38
5	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	25





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Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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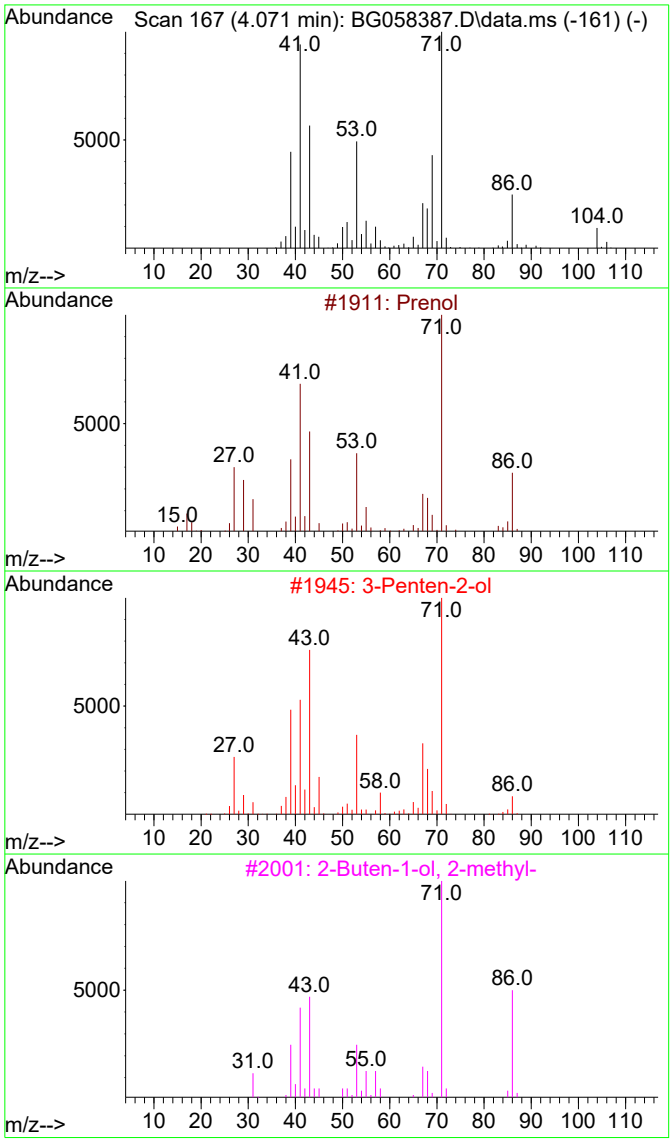
Quant Title : SVOA CALIBRATION

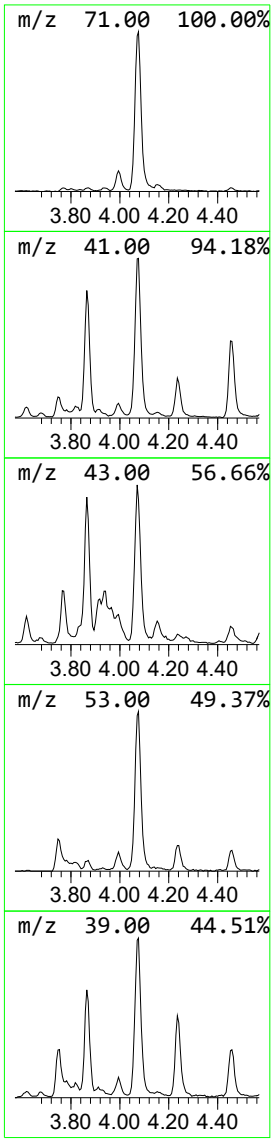
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Penten-2-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.071	45.71 ng/ul	781512	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	64
2	3-Penten-2-ol	86	C5H10O	001569-50-2	50
3	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	38
4	Prenol	86	C5H10O	000556-82-1	38
5	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	32





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ALS Vial : 7 Sample Multiplier: 1

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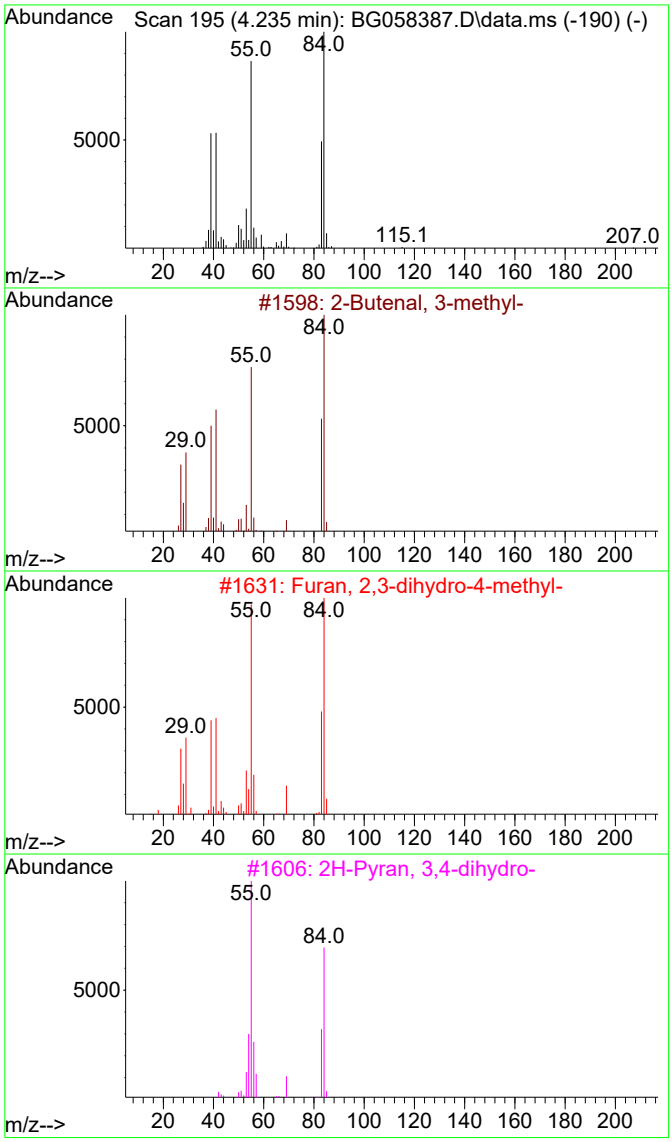
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

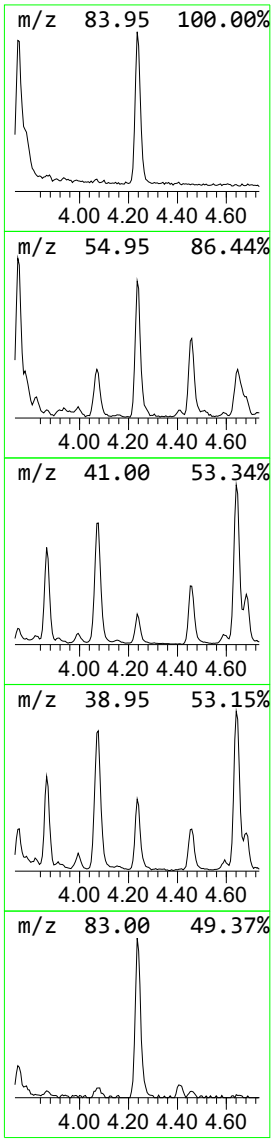
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Butenal, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.235	14.45 ng/ul	247116	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	90
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	87
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	72
4	2H-Pyran, 2-(tert-butylthio)tetr...	174	C9H18OS	001927-53-3	64
5	2-Pentenal, (E)-	84	C5H8O	001576-87-0	59





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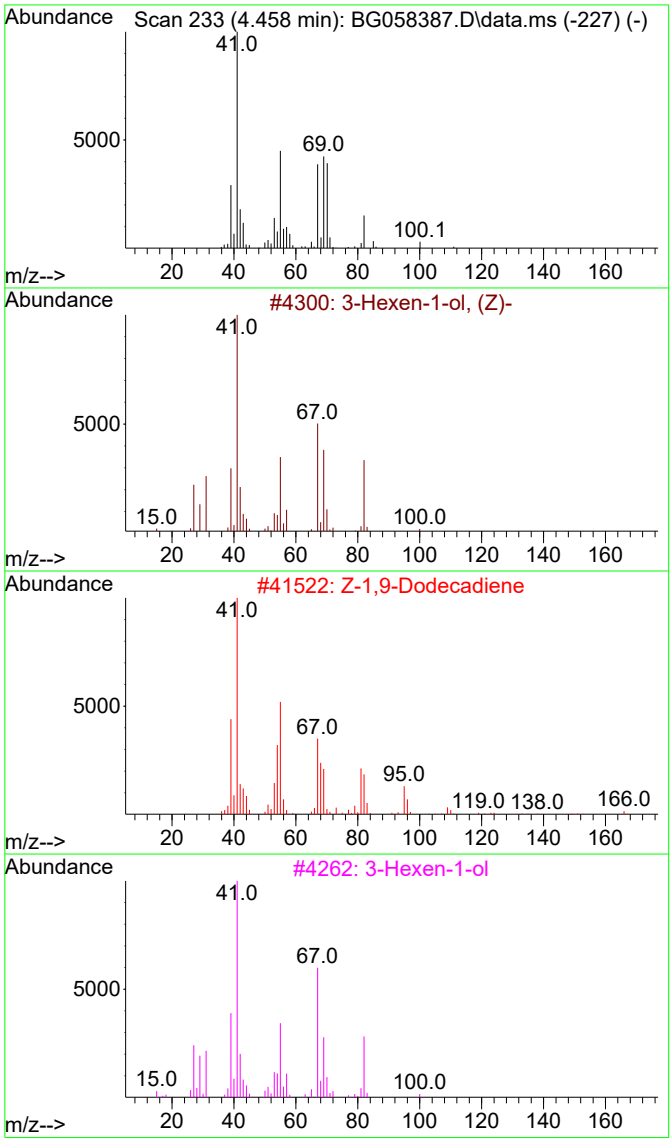
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

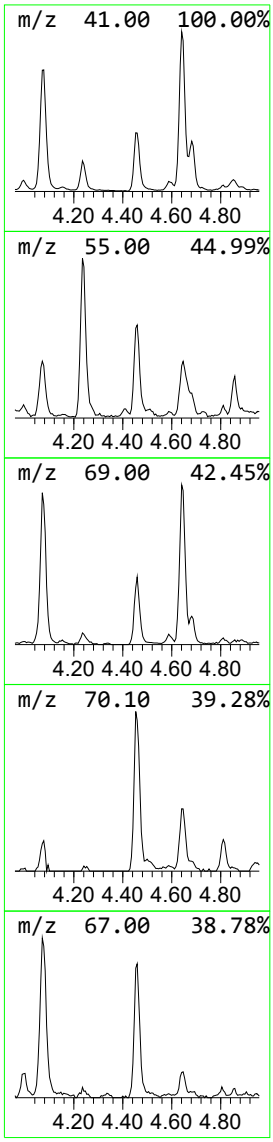
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.458	14.20 ng/ul	242810	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	49
2	Z-1,9-Dodecadiene	166	C12H22	1000245-71-0	38
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	38
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	35
5	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	33





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ALS Vial : 7 Sample Multiplier: 1

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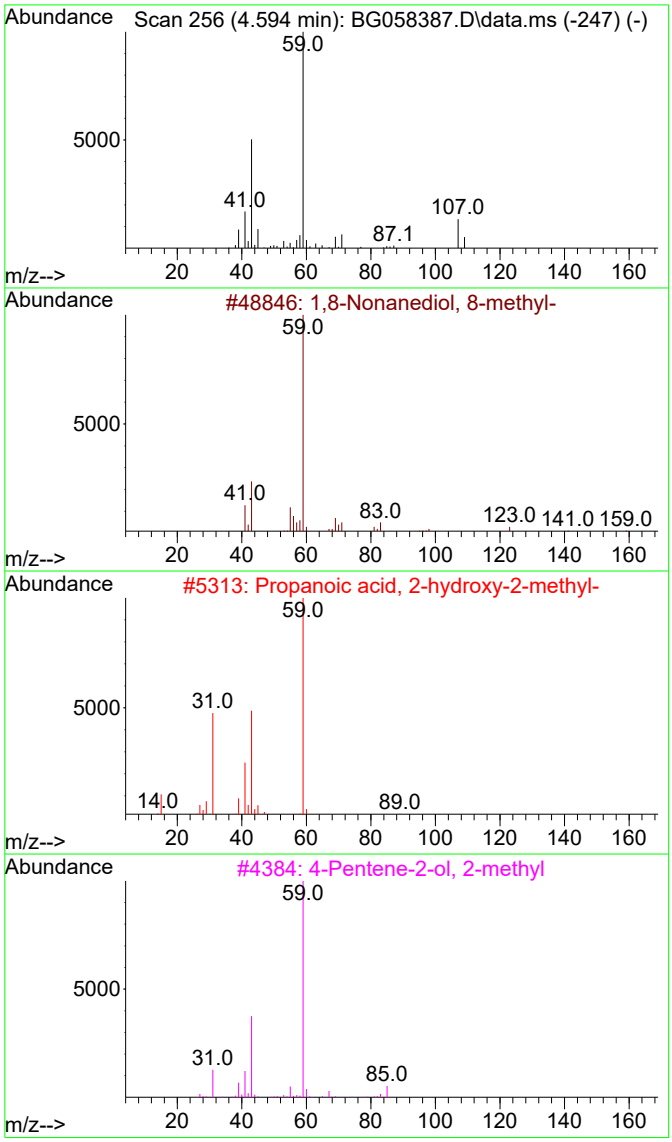
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

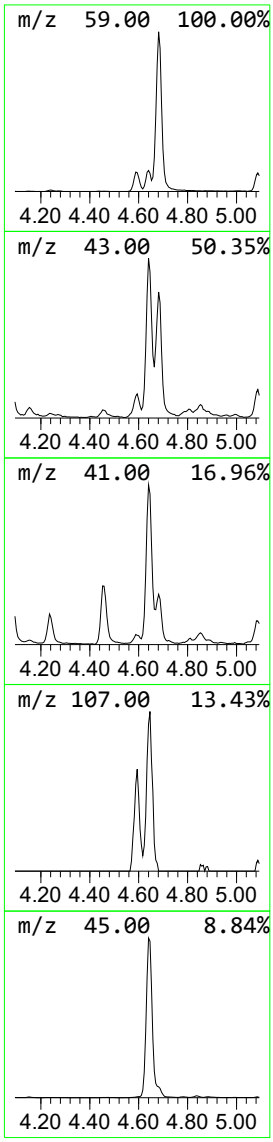
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,8-Nonanediol, 8-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.594	7.51 ng/ul	128462	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	50
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	42
3	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	40
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	38
5	Butane, 2-methoxy-	88	C5H12O	006795-87-5	38





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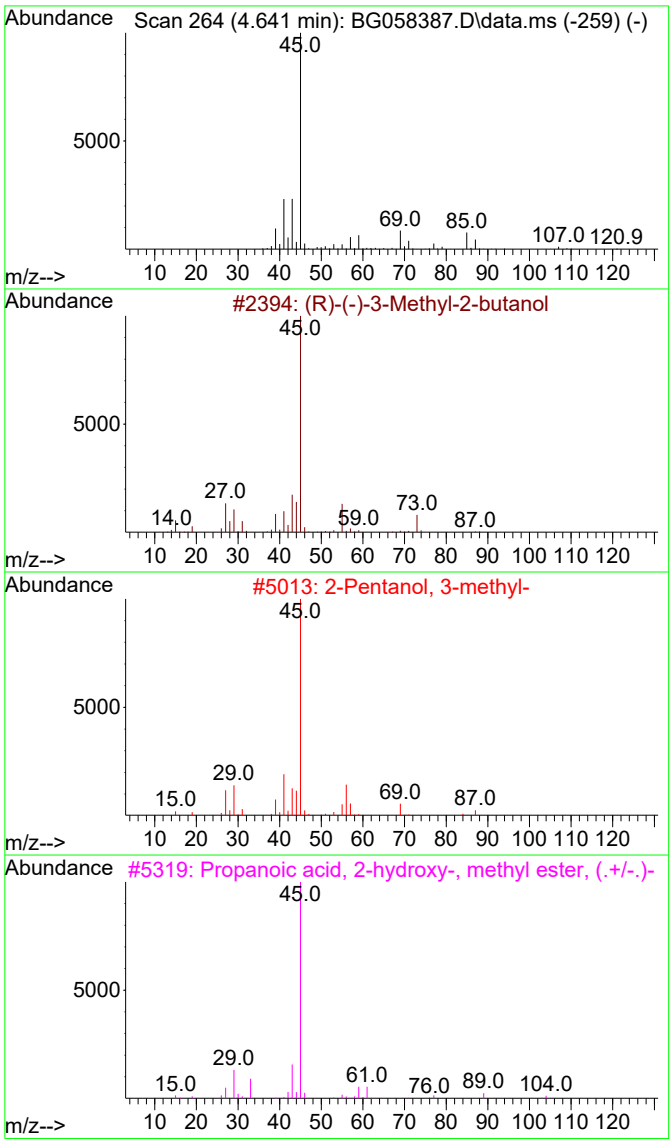
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

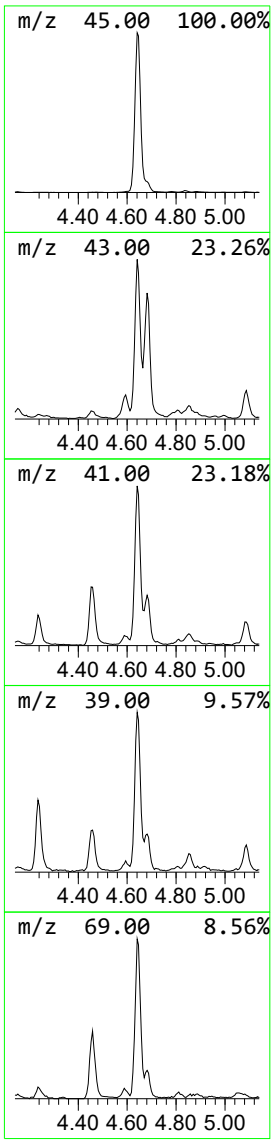
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (R)-(-)-3-Methyl-2-butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.641	85.43 ng/ul	1460740	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	53
2	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	50
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	45
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45





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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

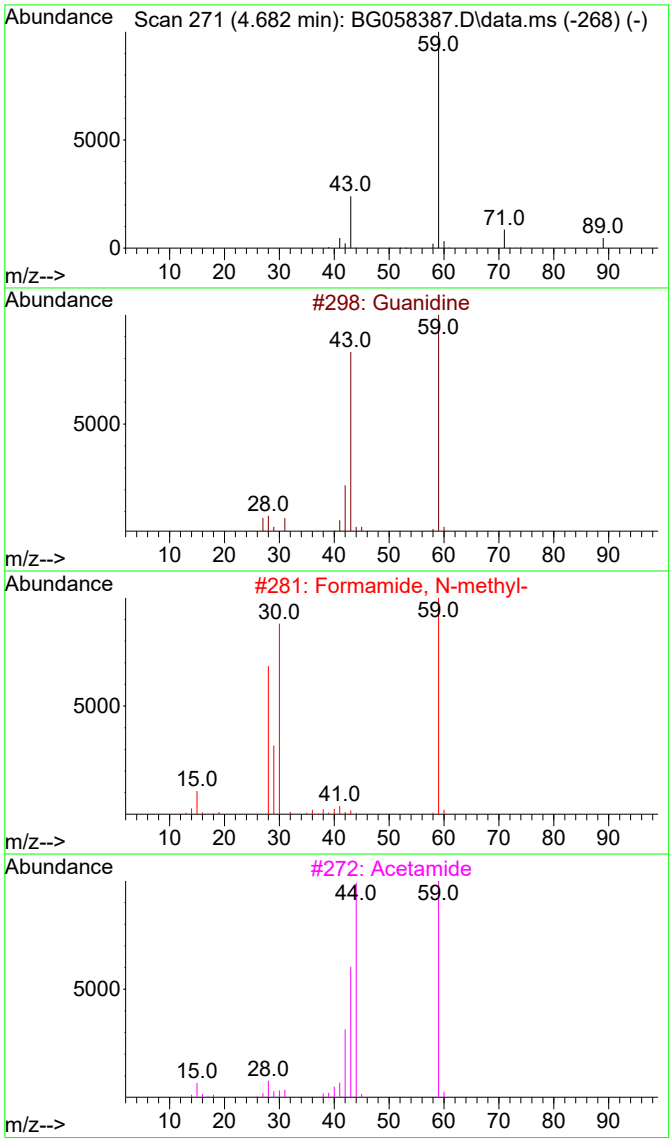
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

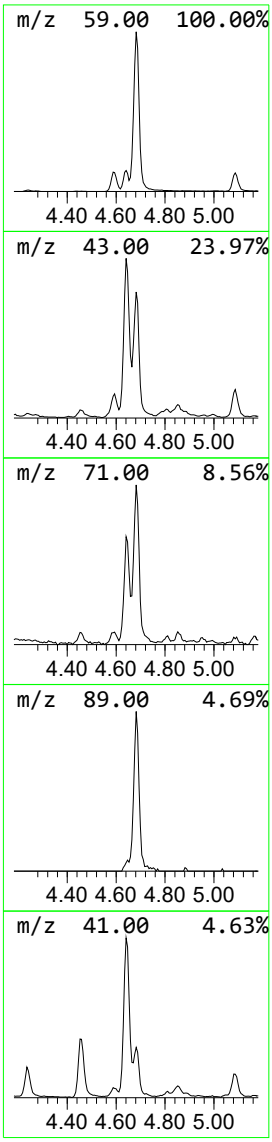
****

Peak Number 13 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.682	40.64 ng/ul	694875	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	7
2	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
3	Acetamide	59	C2H5NO	000060-35-5	5
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	4
5	Acetaldoxime	59	C2H5NO	000107-29-9	4





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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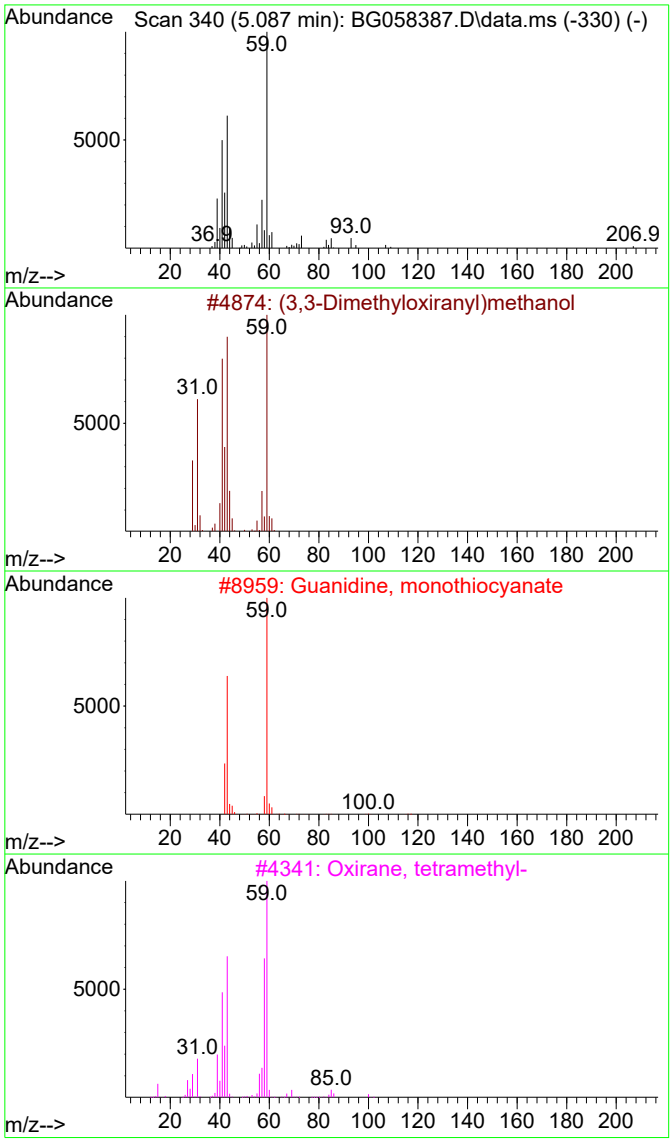
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

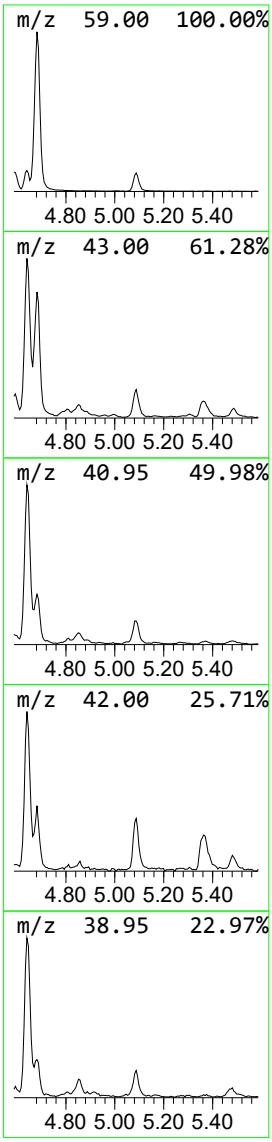
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (3,3-Dimethyloxiranyl)methanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	10.83 ng/ul	185157	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	72
2	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	72
3	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	64
4	Acetamide	59	C2H5NO	000060-35-5	59
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50





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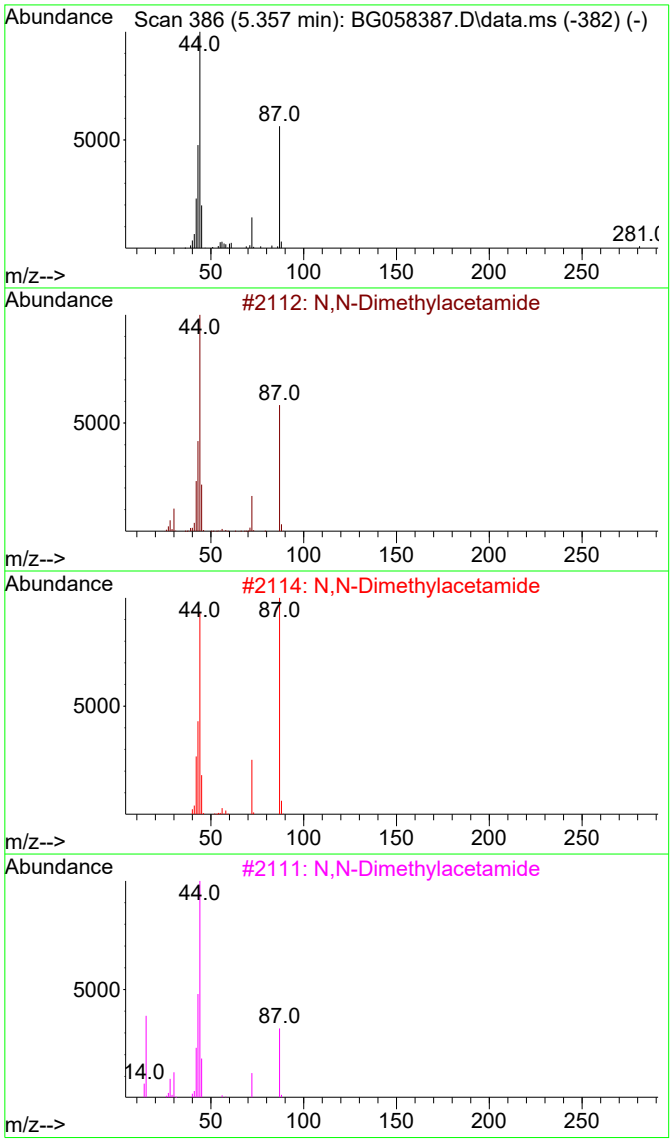
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

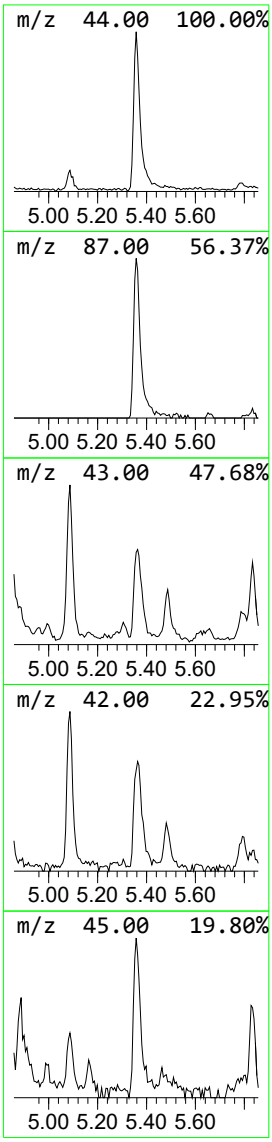
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 N,N-Dimethylacetamide Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.357	7.04 ng/ul	120329	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	91
2	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	91
3	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	83
4	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	72
5	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	64





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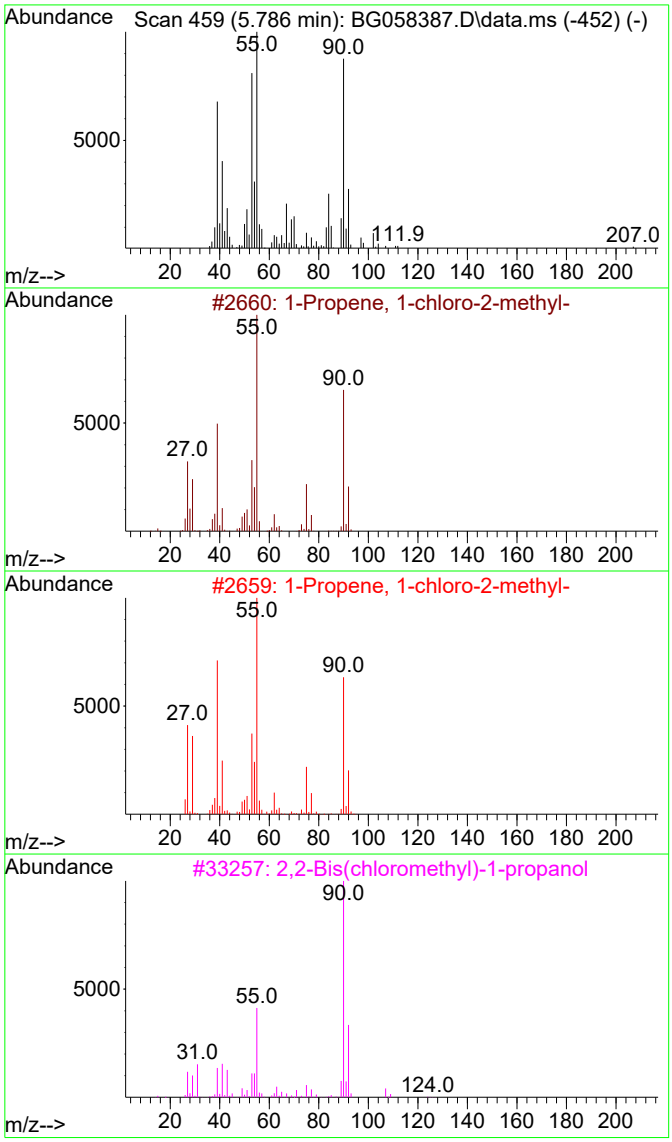
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

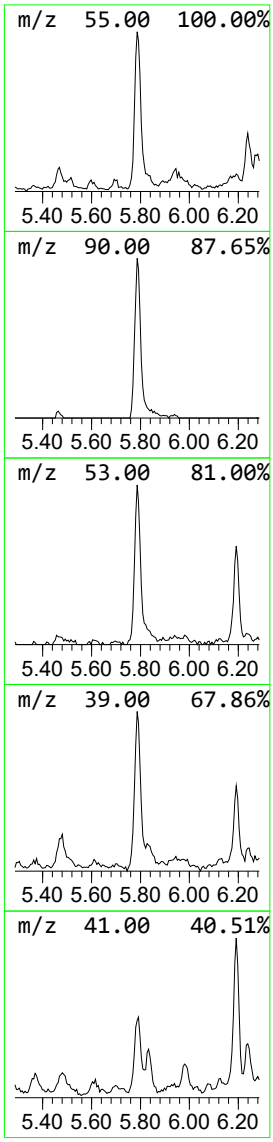
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Propene, 1-chloro-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.786	12.52 ng/ul	214083	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	50
2	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	40
3	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	38
4	2-Butene, 2-chloro-	90	C4H7Cl	004461-41-0	35
5	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	32





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Quant Title : SVOA CALIBRATION

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

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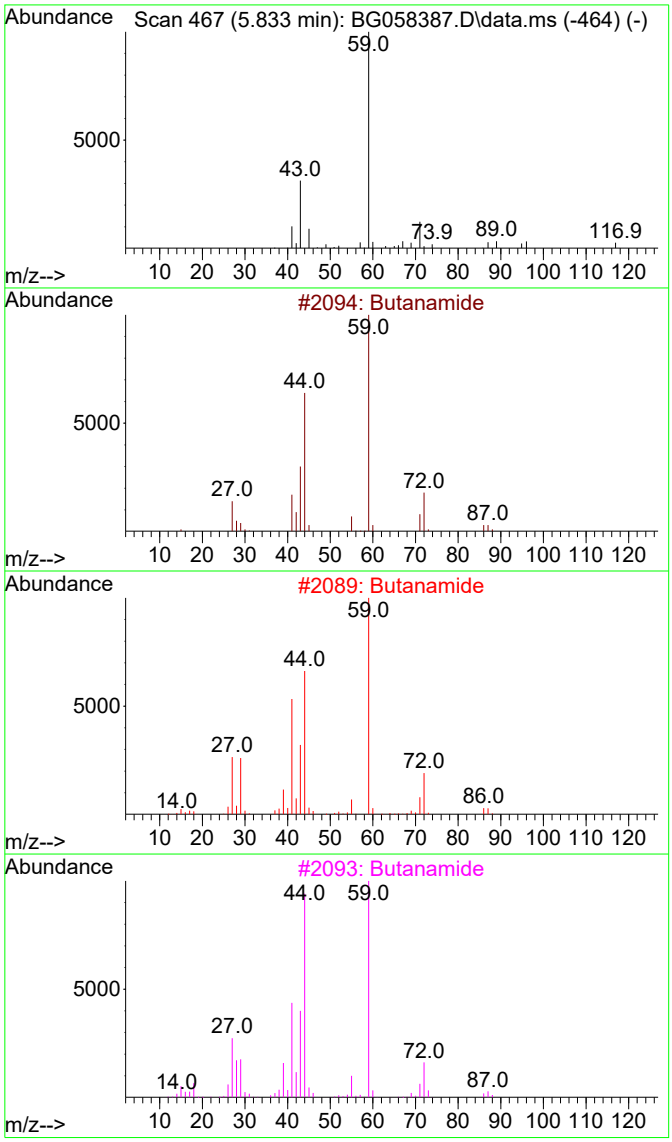
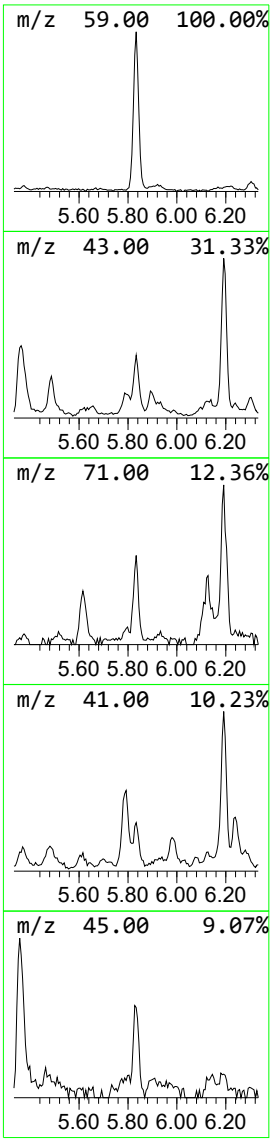
Peak Number 17 Butanamide Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.833	4.49 ng/ul	76846	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide	87	C4H9NO	000541-35-5	50
2	Butanamide	87	C4H9NO	000541-35-5	9
3	Butanamide	87	C4H9NO	000541-35-5	9
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	9





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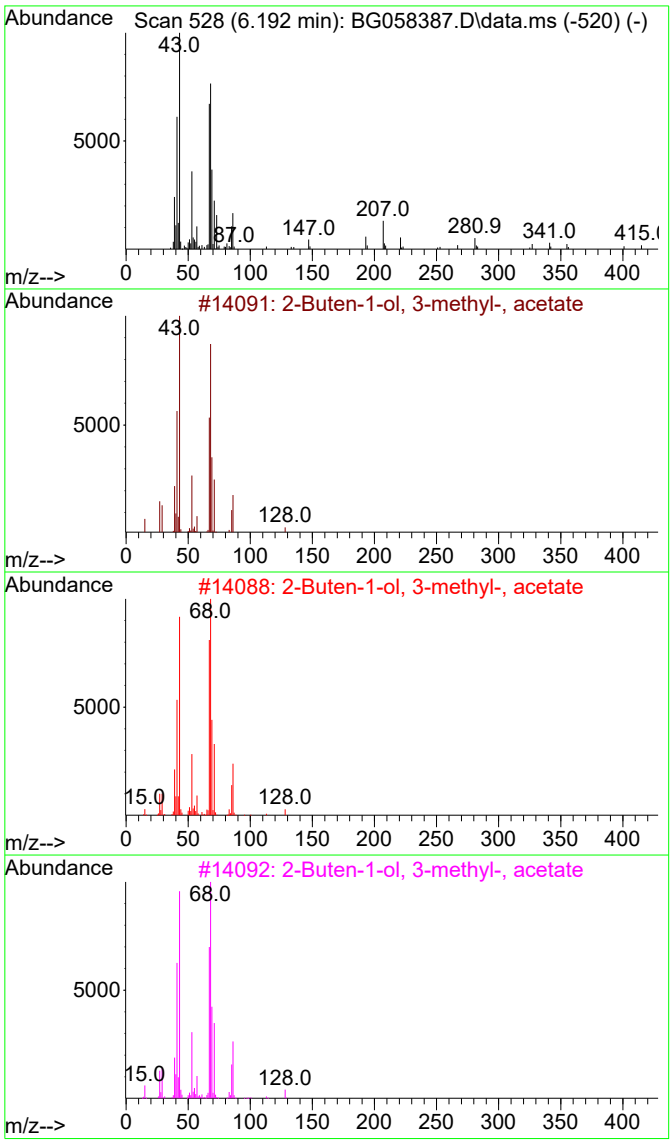
Quant Title : SVOA CALIBRATION

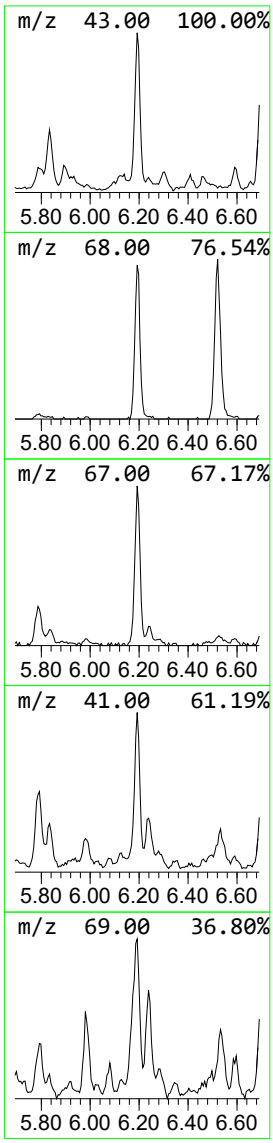
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.192	13.31 ng/ul	227521	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	80
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	80
3	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	72
4	1,4-Pentadiene	68	C5H8	000591-93-5	47
5	1,3-Pentadiene	68	C5H8	000504-60-9	47





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ClientSampleId :
A46S2

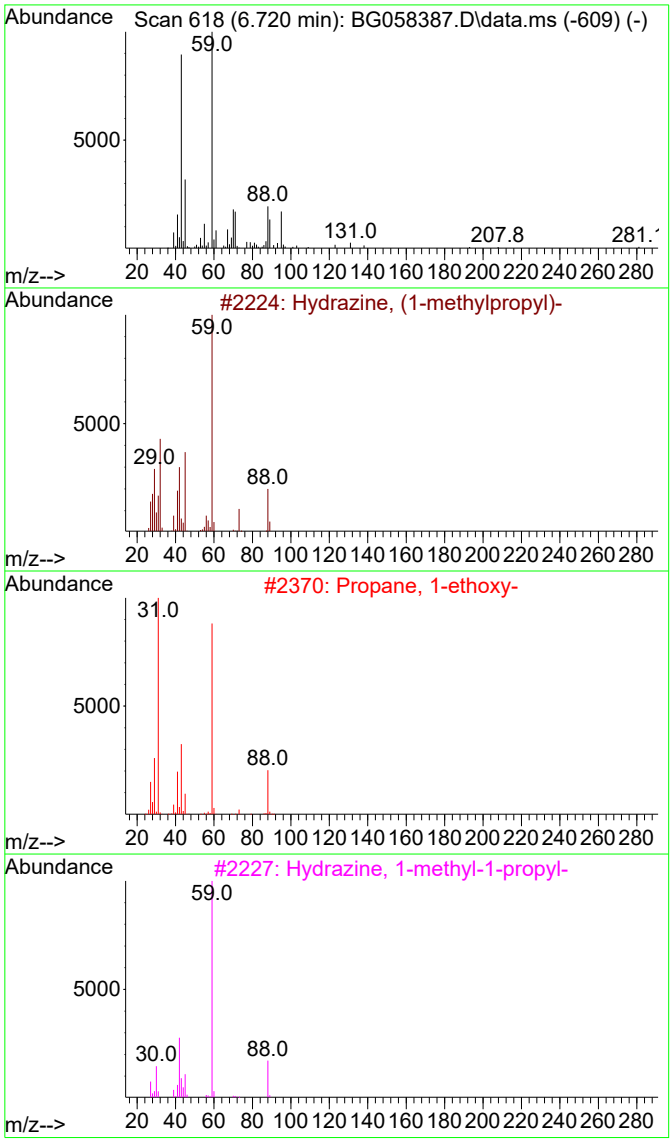
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

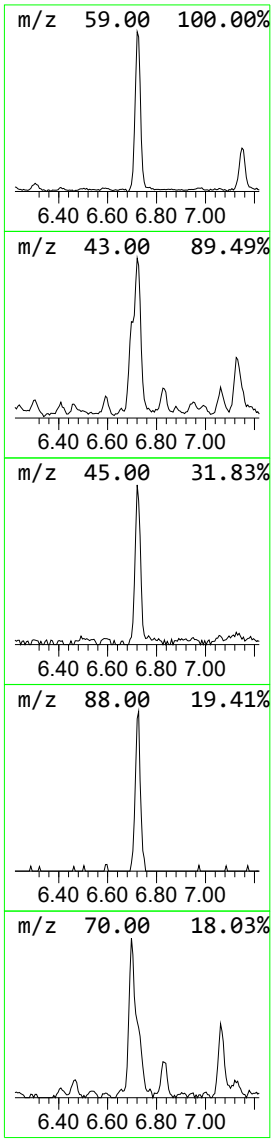
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hydrazine, (1-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.720	17.08 ng/ul	292131	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	50
2	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	47
3	Hydrazine, 1-methyl-1-propyl-	88	C4H12N2	004986-49-6	47
4	Hydrazine, 1-methyl-1-propyl-	88	C4H12N2	004986-49-6	47
5	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	43





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Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

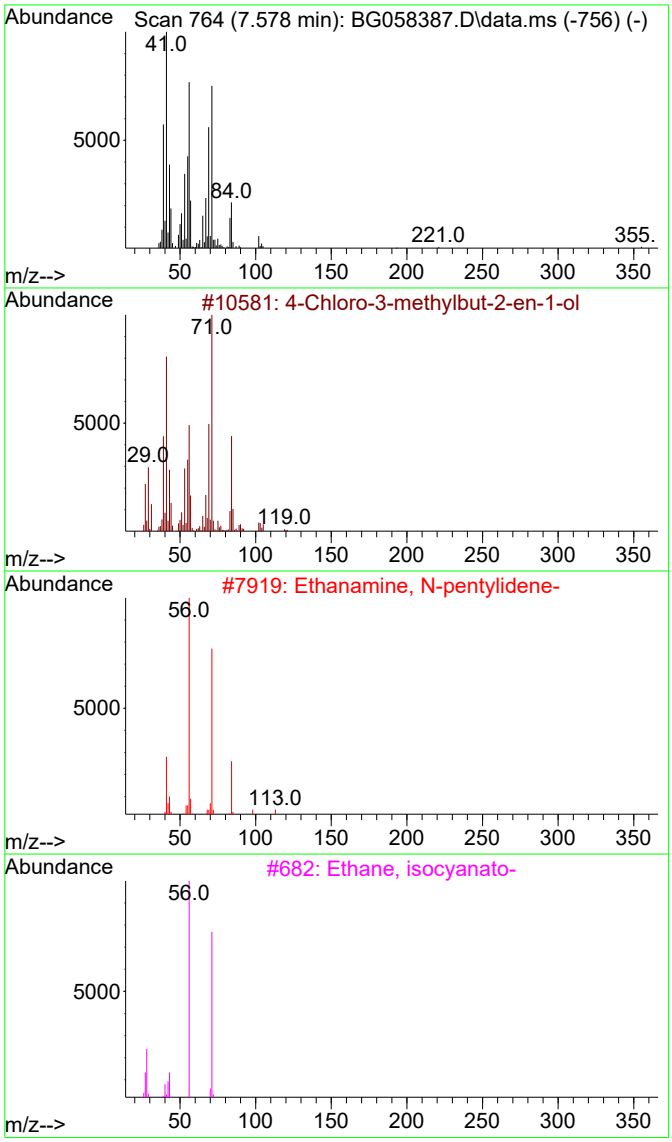
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

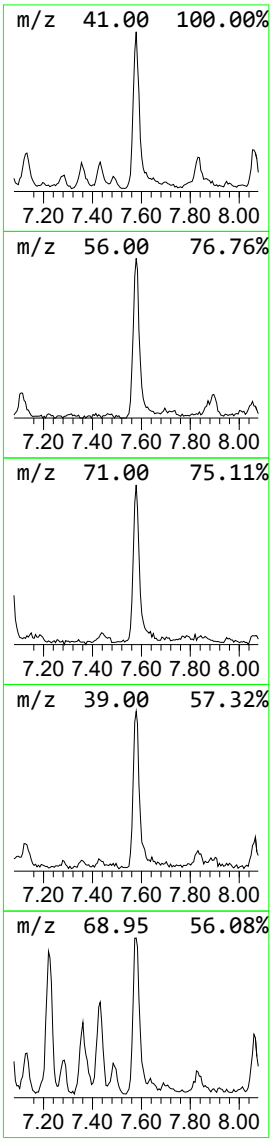
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4-Chloro-3-methylbut-2-en-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.578	17.20 ng/ul	294138	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	53
2	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	53
3	Ethane, isocyanato-	71	C3H5NO	000109-90-0	43
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	35





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Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

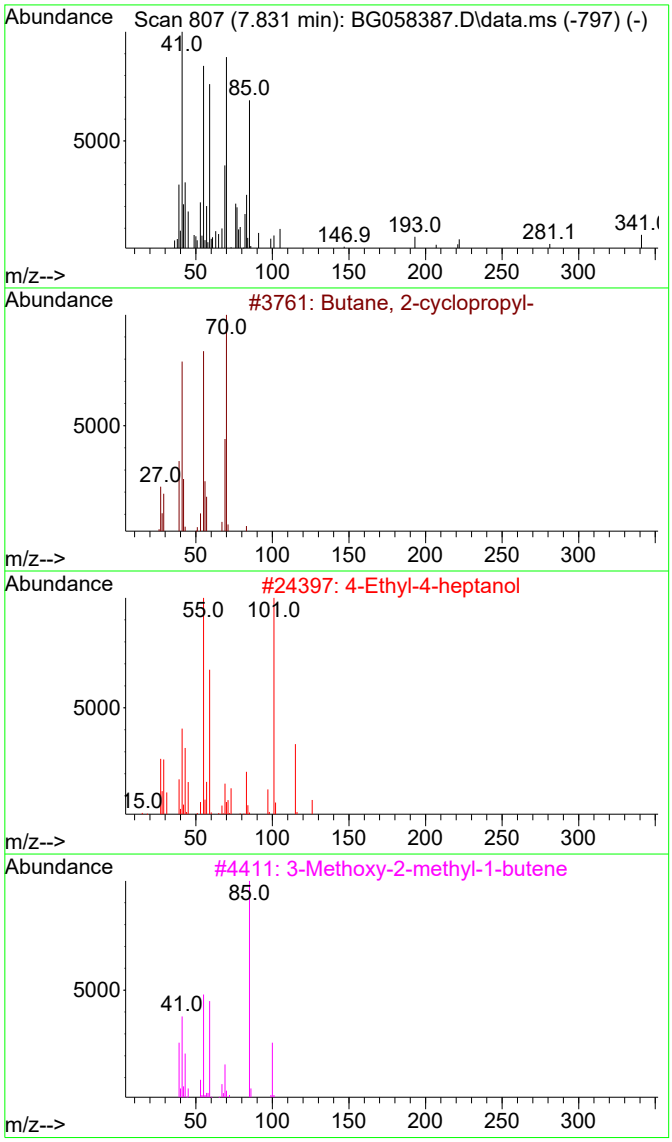
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

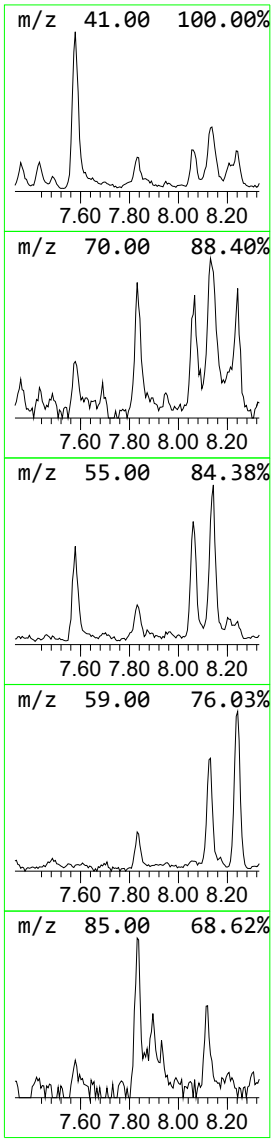
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic7.831 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.831	4.00 ng/ul	68341	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	22
2	4-Ethyl-4-heptanol	144	C9H20O	000597-90-0	22
3	3-Methoxy-2-methyl-1-butene	100	C6H12O	1000279-60-1	16
4	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	16
5	2-Pentanol, 5-methoxy-2-methyl-	132	C7H16O2	055724-04-4	16





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Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

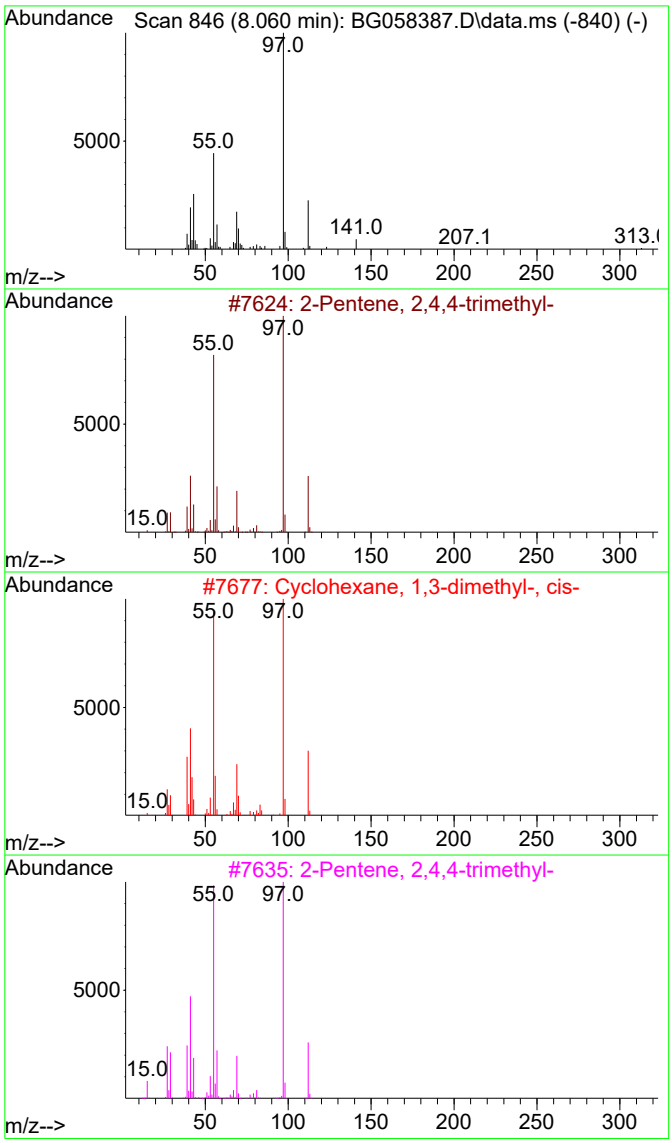
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

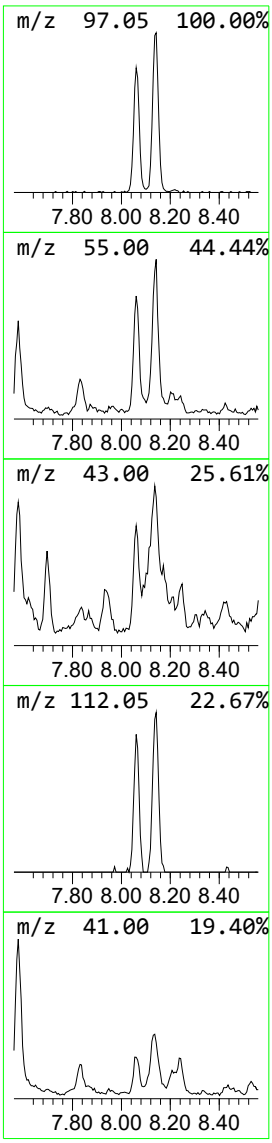
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.060	7.95 ng/ul	135894	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	78
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	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	72
5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	72





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Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

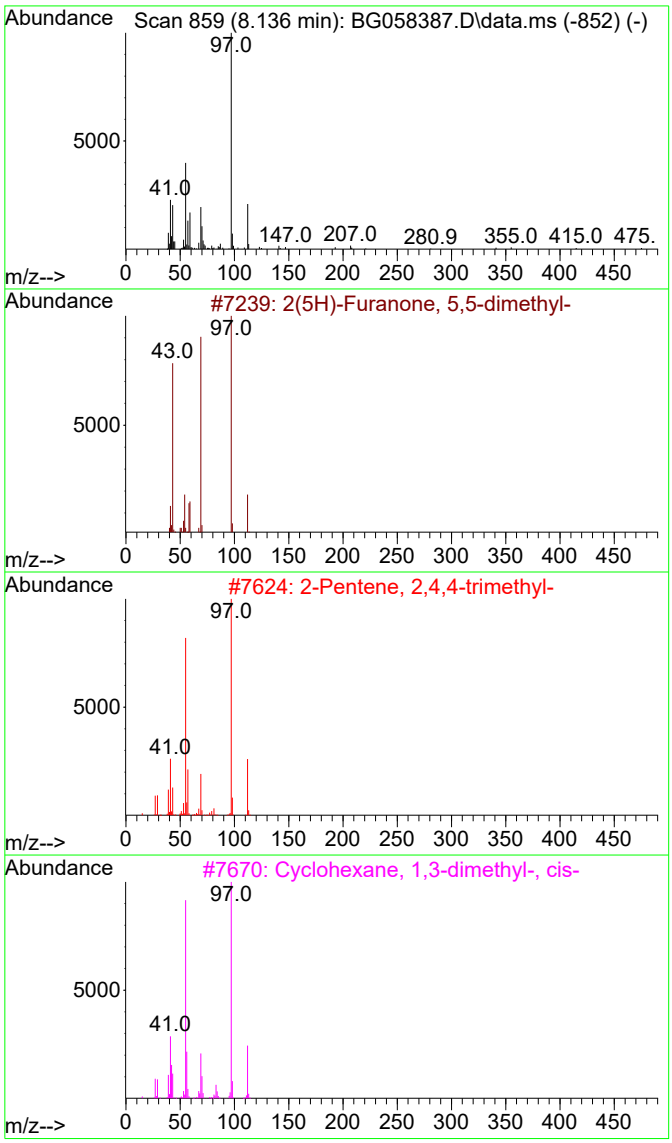
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

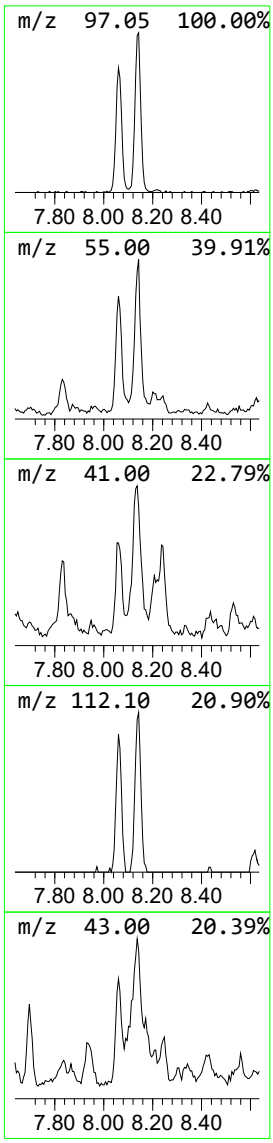
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2(5H)-Furanone, 5,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.136	11.69 ng/ul	199960	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	72
2	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	64
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59





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Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

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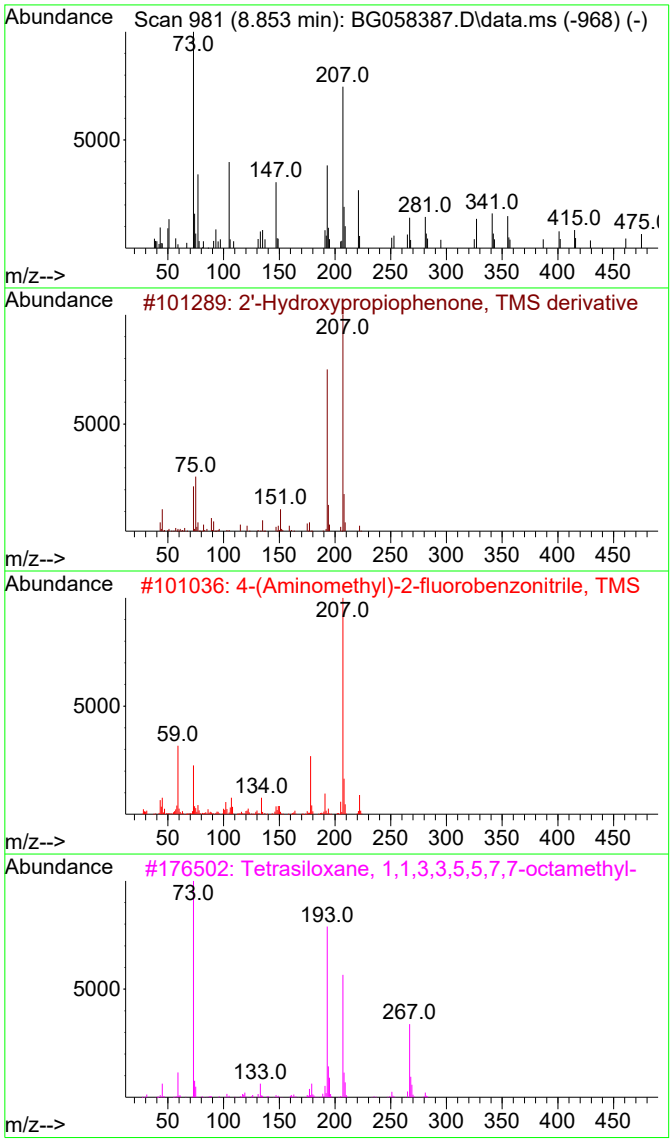
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

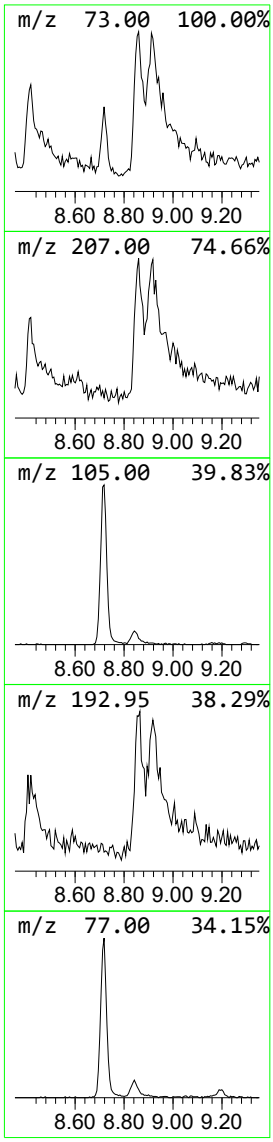
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2'-Hydroxypropiophenone, TM... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.853	7.46 ng/ul	127563	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Hydroxypropiophenone, TMS der...	222	C12H18O2Si	033342-87-9	64
2	4-(Aminomethyl)-2-fluorobenzonit...	222	C11H15FN2Si	1000507-41-3	43
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	43
4	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	43
5	Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1010129-52-1	43





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Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

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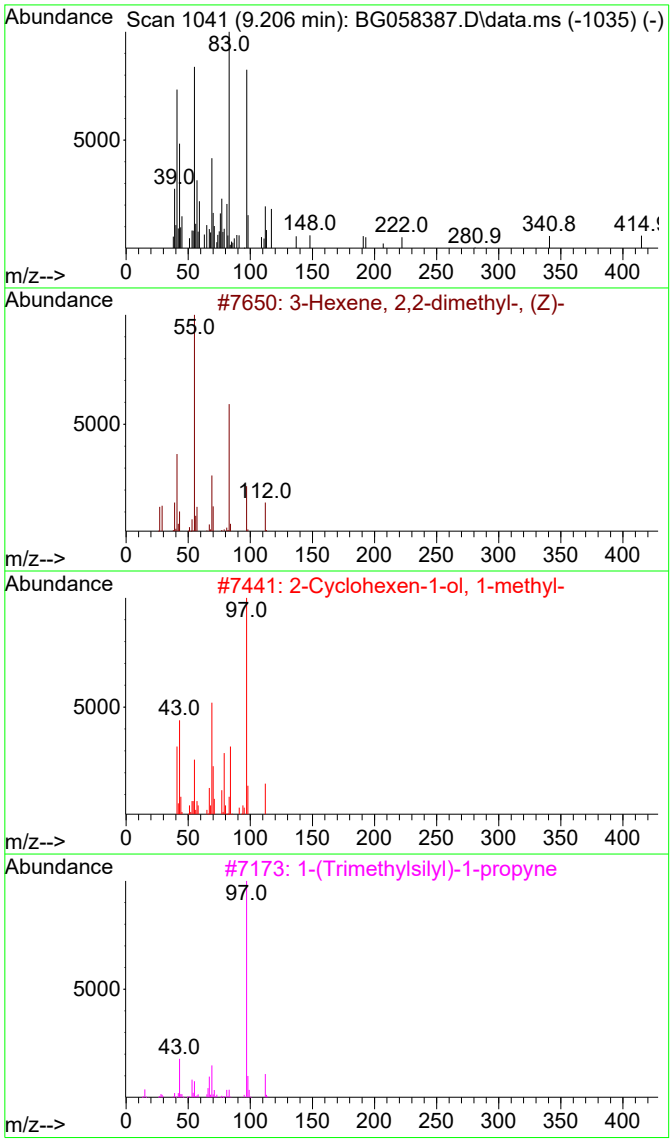
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

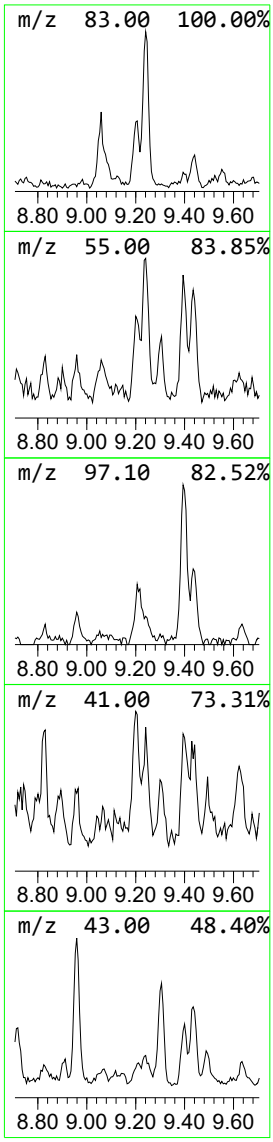
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.206	3.23 ng/ul	55234	1,4-Dichlorobenzene-d4	7.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	38
2	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	38
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	35
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	35
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	30





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46S2

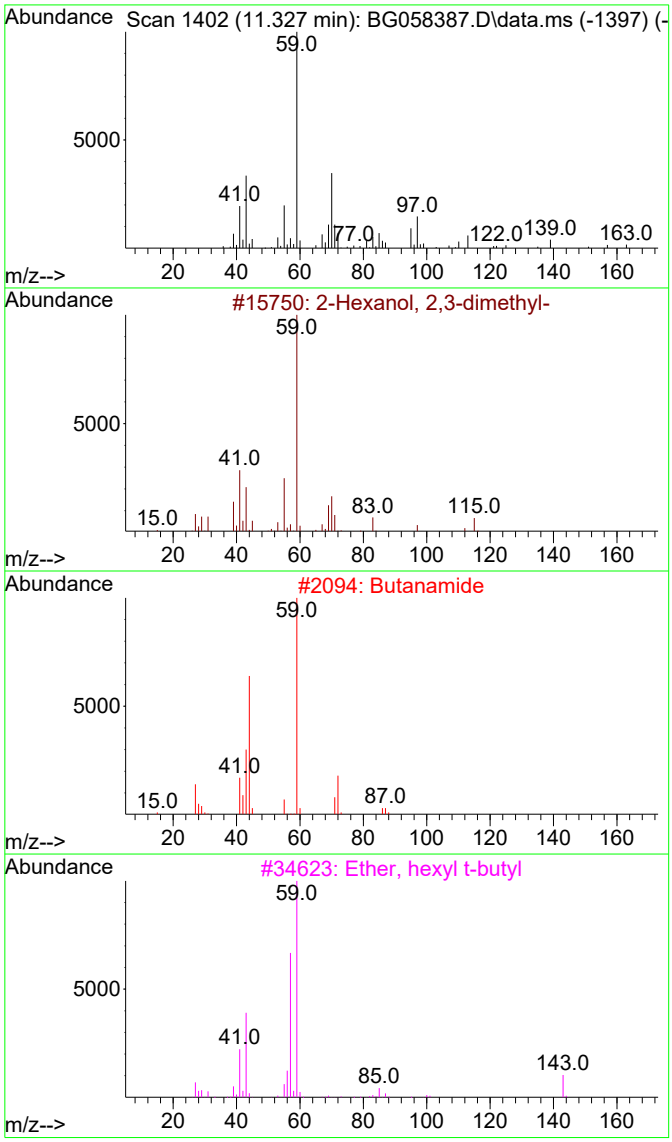
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

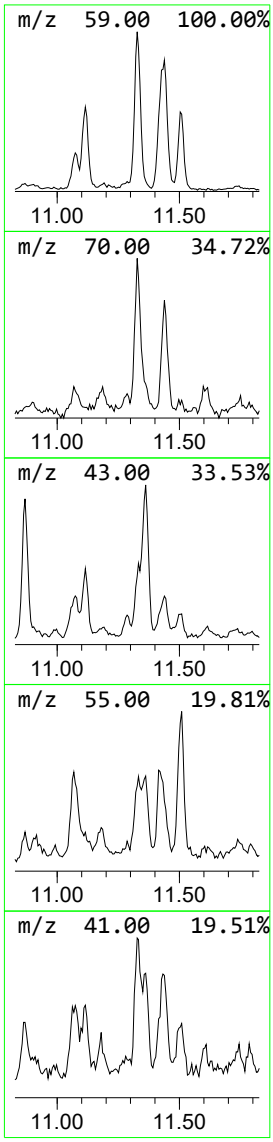
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2-Hexanol, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.327	6.37 ng/ul	162971	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	50
2	Butanamide	87	C4H9NO	000541-35-5	47
3	Ether, hexyl t-butyl	158	C10H22O	069775-79-7	43
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	43
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	43





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Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

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

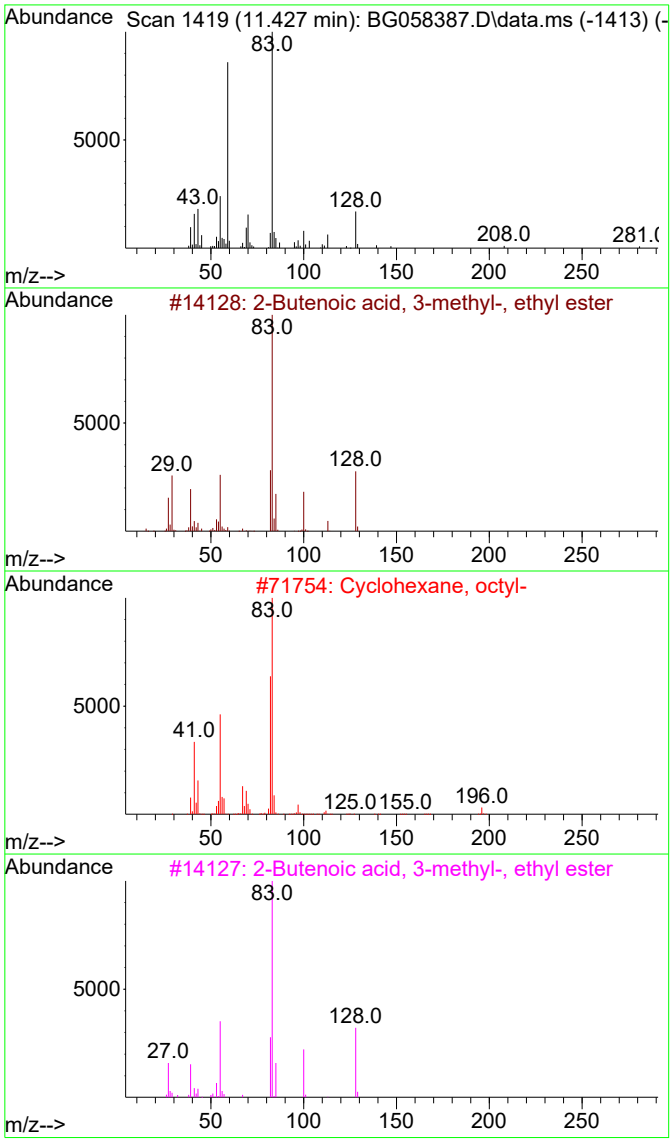
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

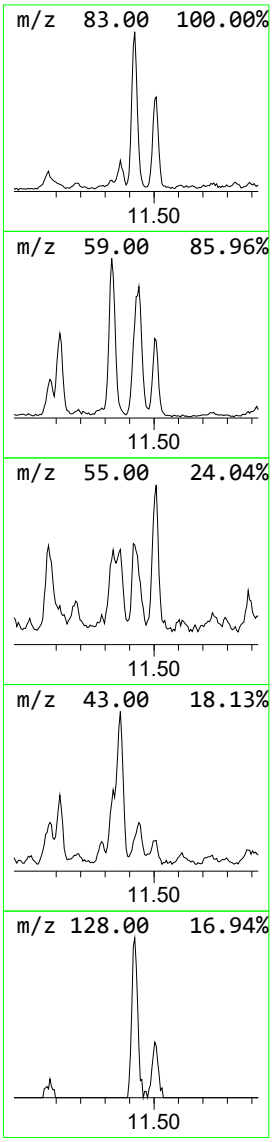
****

Peak Number 42 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	8.37 ng/ul	214139	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	38
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	35
3	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	35
4	3-Methyl-2-butenoic acid, cyclop...	168	C10H16O2	1000279-23-3	35
5	Oxalic acid, cyclohexyl undecyl ...	326	C19H34O4	1000309-31-3	35





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Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

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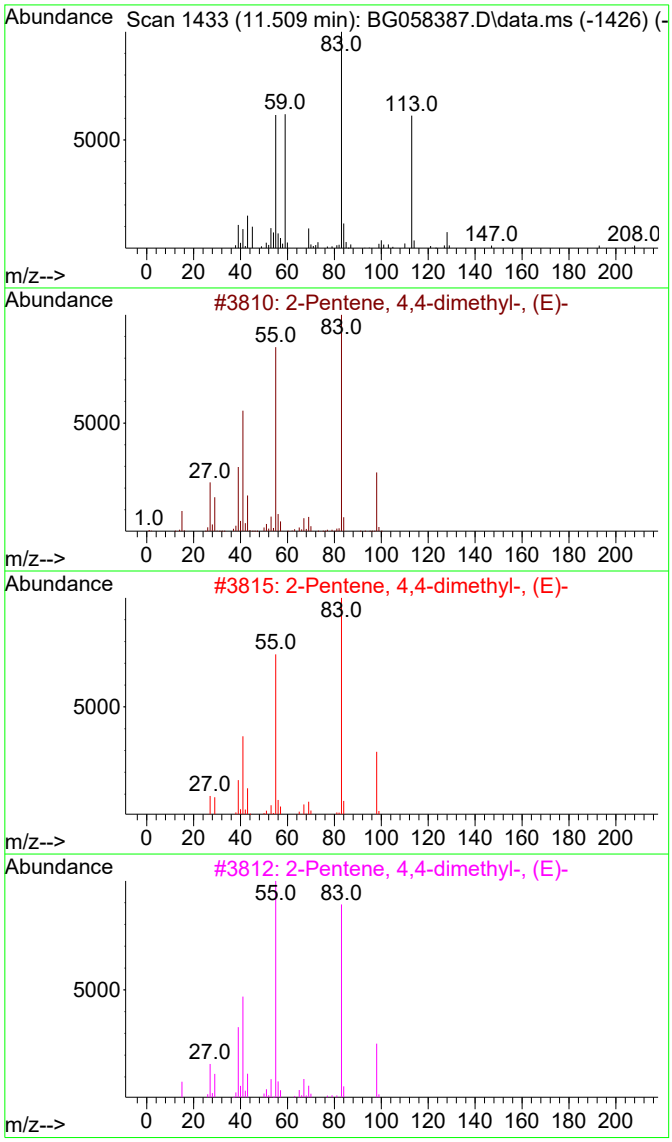
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

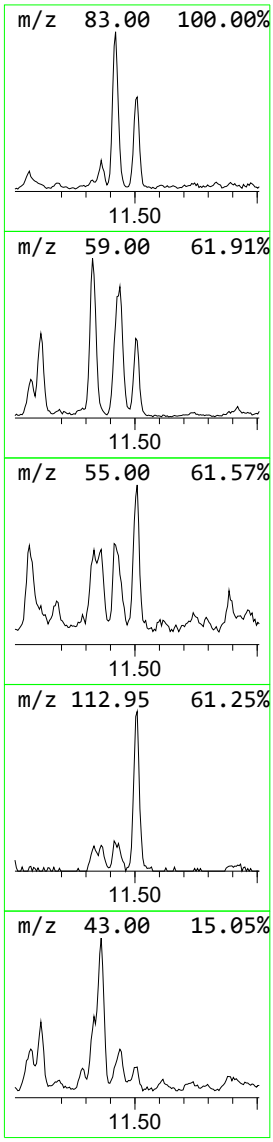
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.509	5.14 ng/ul	131466	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38
4	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	38
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	38





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ALS Vial : 7 Sample Multiplier: 1

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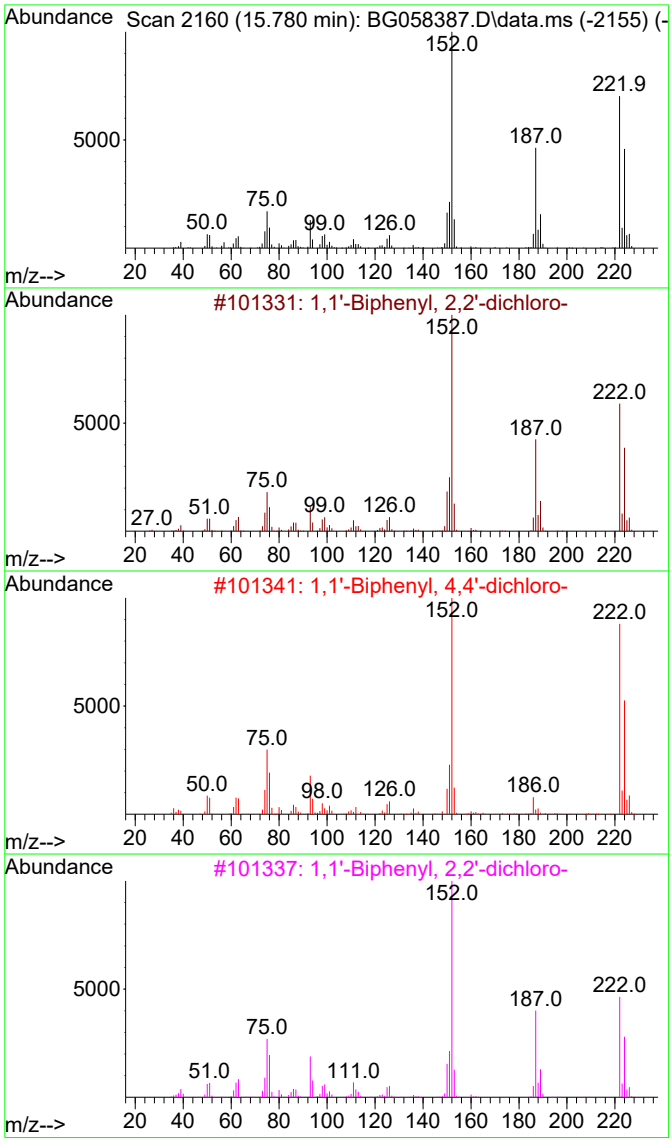
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

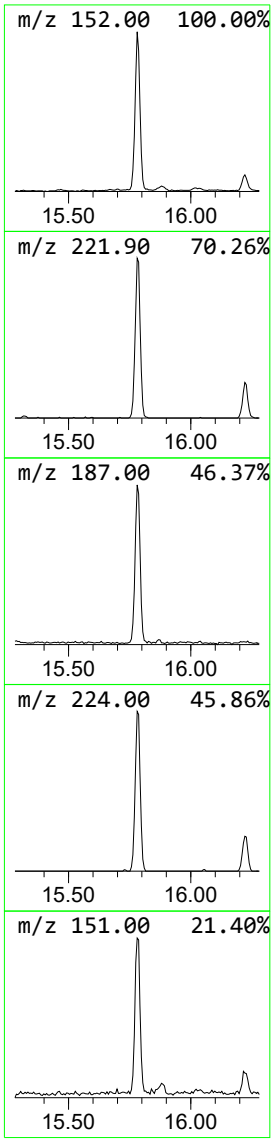
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.781	12.99 ng/ul	404090	Acenaphthene-d10	14.535

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, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	96
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	95





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
A46S2

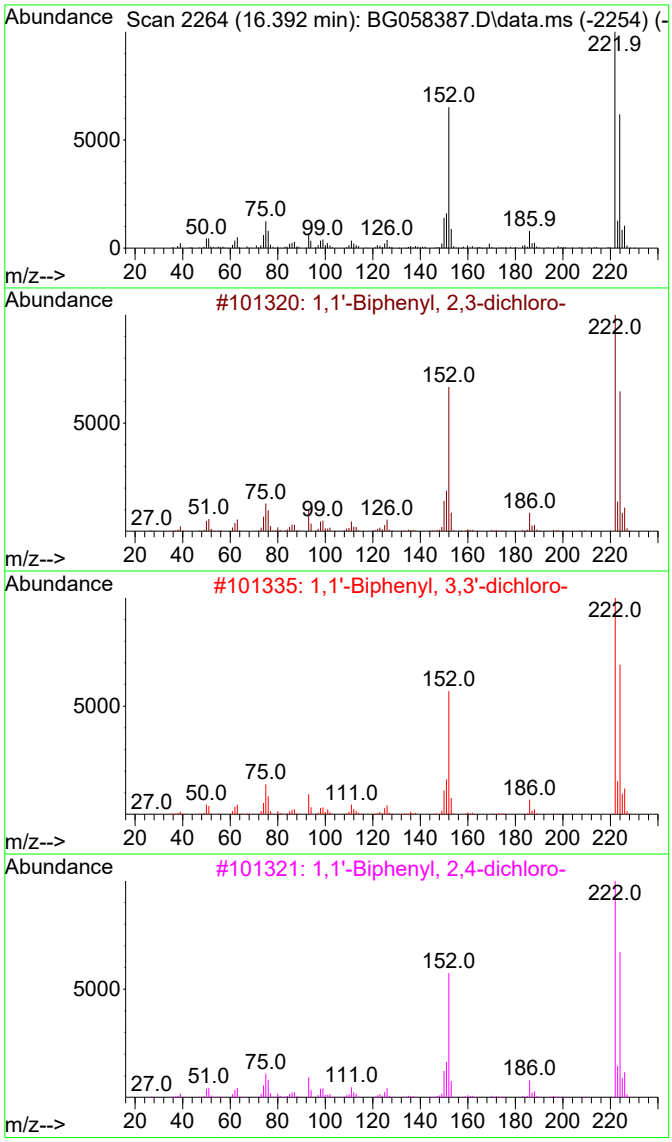
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

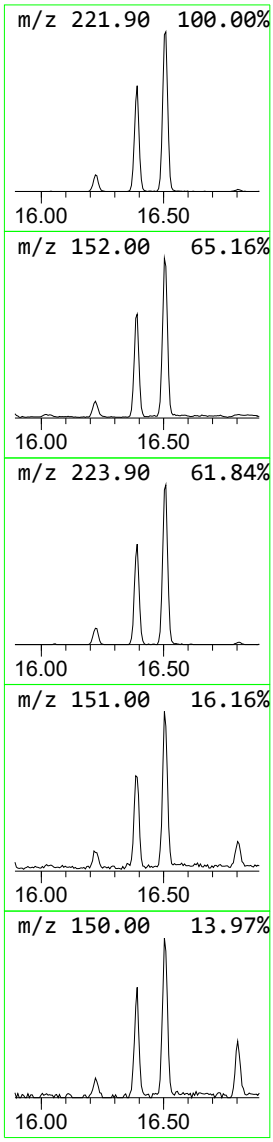
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	8.64 ng/ul	377613	Phenanthrene-d10	17.279

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, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98





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Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

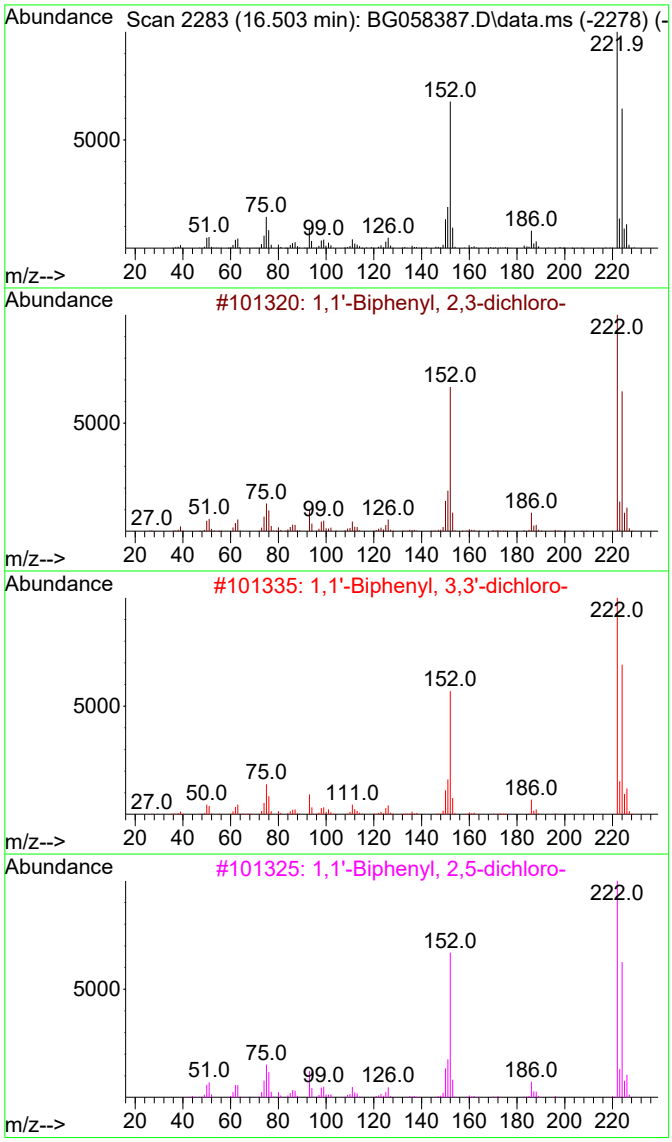
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

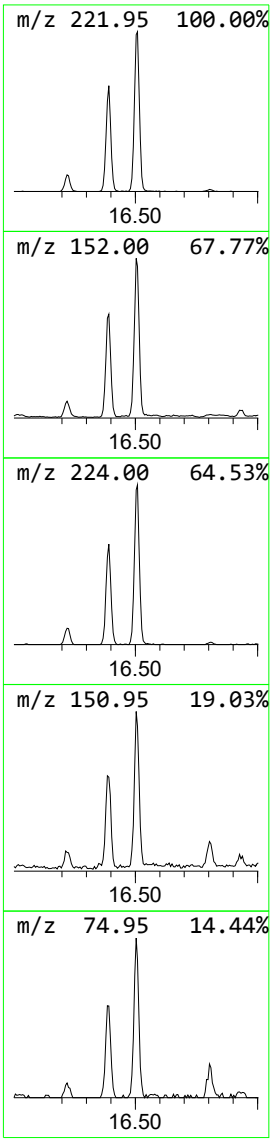
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.503	11.01 ng/ul	480936	Phenanthrene-d10	17.279

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, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
3	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

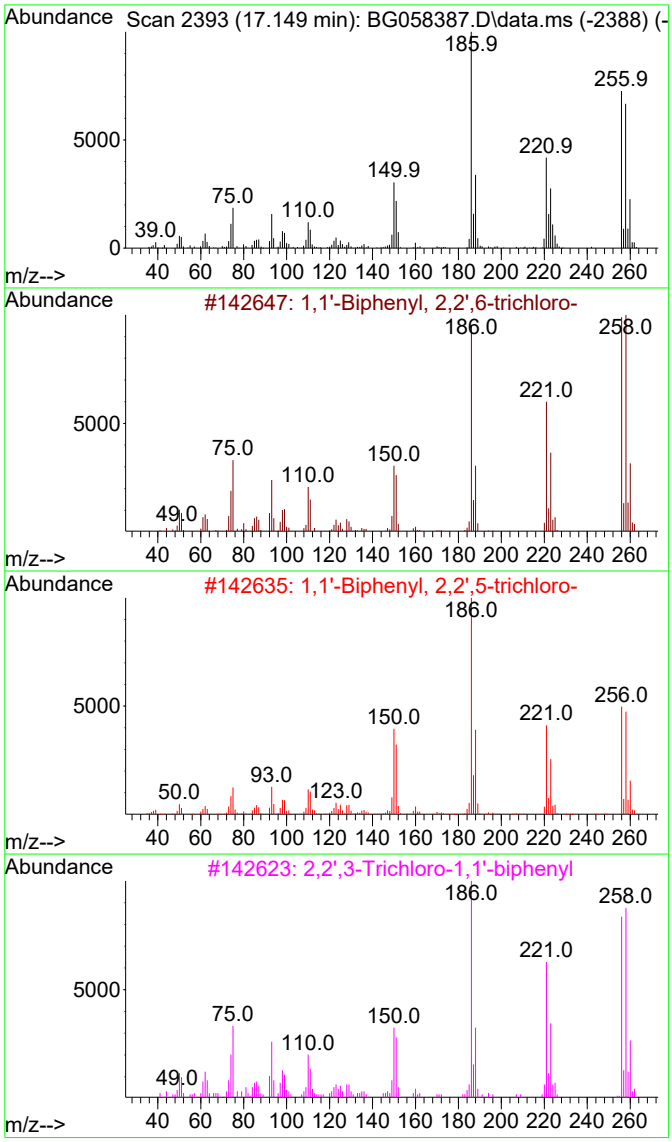
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

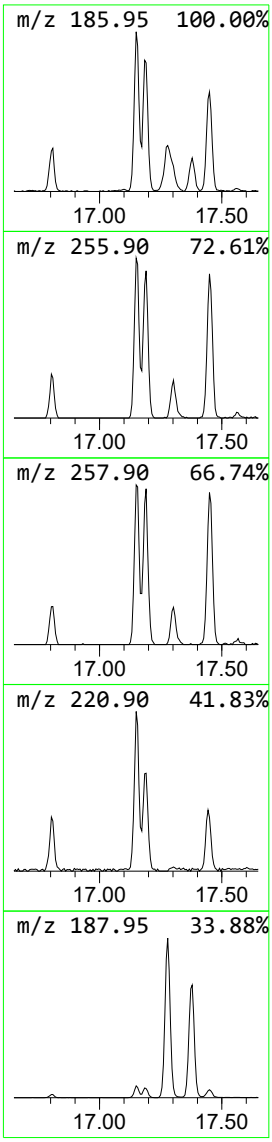
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.149	10.06 ng/ul	439646	Phenanthrene-d10	17.279

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	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

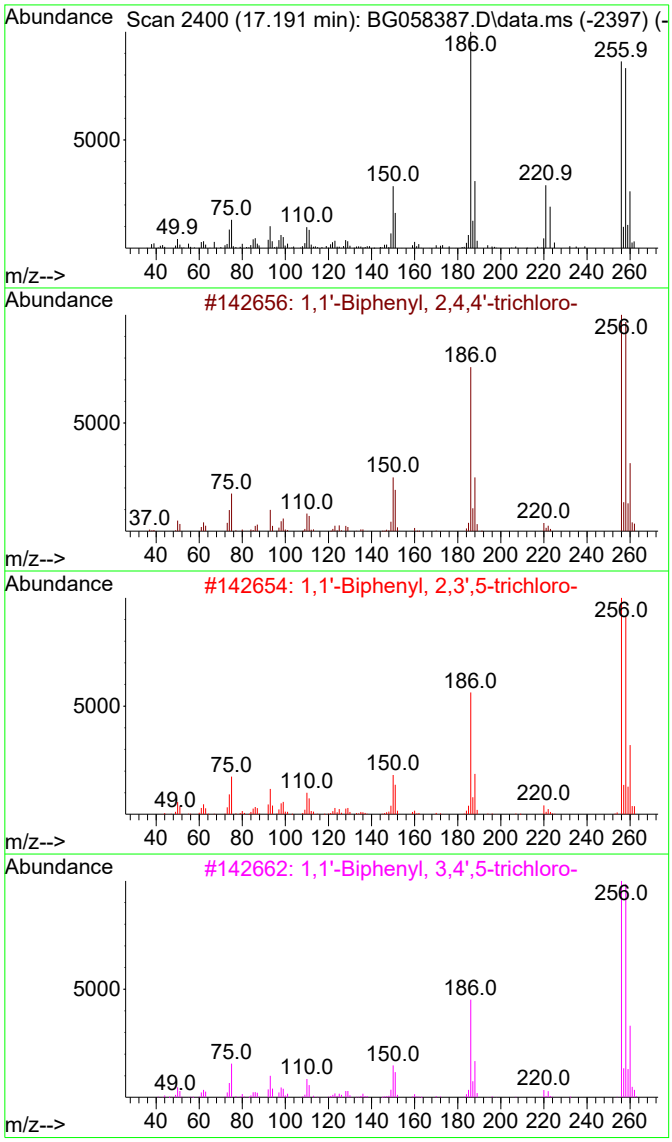
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

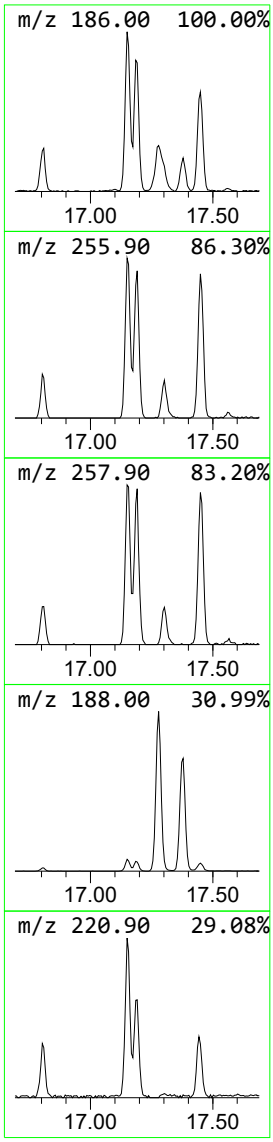
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.191	6.70 ng/ul	292566	Phenanthrene-d10	17.279

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, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
4	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

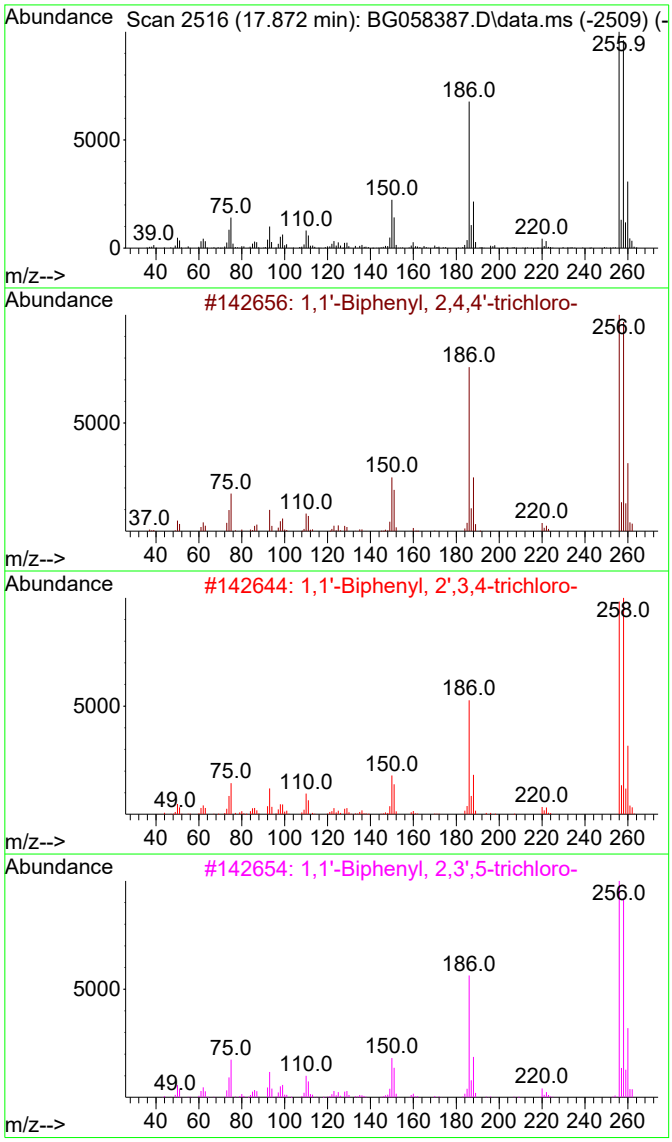
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

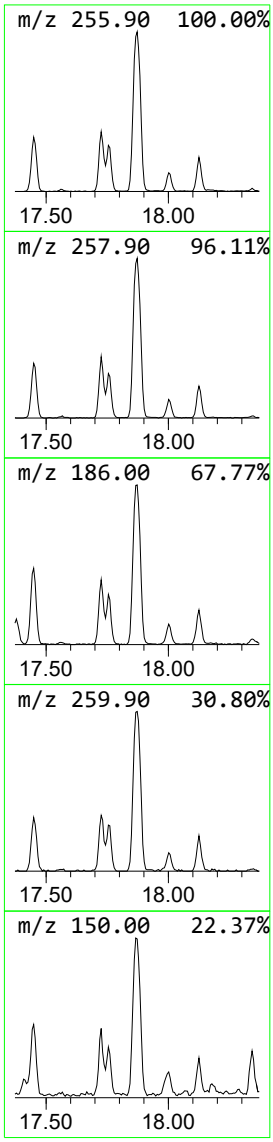
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.872	21.99 ng/ul	960799	Phenanthrene-d10	17.279

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





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Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

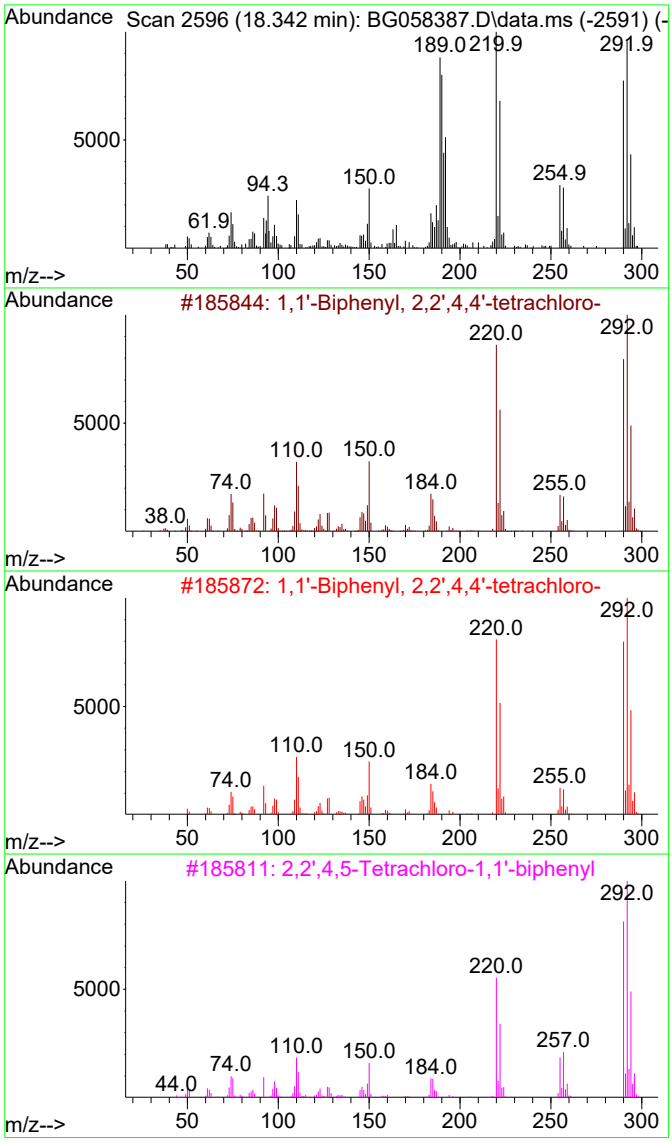
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

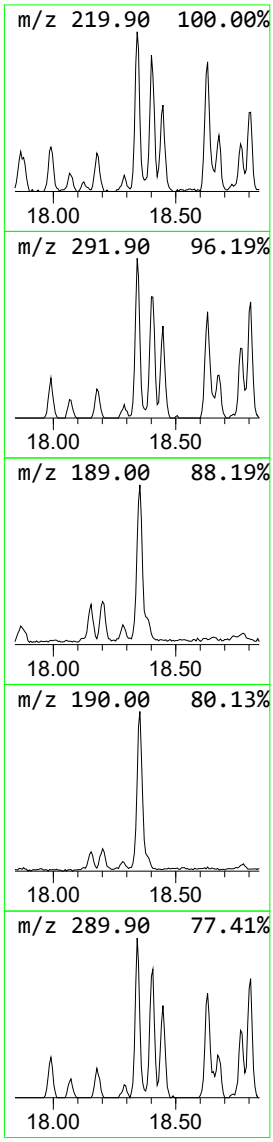
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.342	8.51 ng/ul	371824	Phenanthrene-d10	17.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	97
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058387.D
Acq On : 21 Jul 2023 14:34
Operator : CG/JU
Sample : 03504-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S2

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
Furan, tetrahyd...	3.136	473.7	ng/ul	8099000	1	7.896	341977	20.0
1-Phospha-1-but...	3.818	4.3	ng/ul	73303	1	7.896	341977	20.0
unknown-01	3.865	22.4	ng/ul	382482	1	7.896	341977	20.0
unknown-02	3.912	6.7	ng/ul	114450	1	7.896	341977	20.0
Prenol	3.994	5.7	ng/ul	96814	1	7.896	341977	20.0
3-Penten-2-ol	4.071	45.7	ng/ul	781512	1	7.896	341977	20.0
2-Butenal, 3-me...	4.235	14.4	ng/ul	247116	1	7.896	341977	20.0
unknown-03	4.458	14.2	ng/ul	242810	1	7.896	341977	20.0
1,8-Nonanediol,...	4.594	7.5	ng/ul	128462	1	7.896	341977	20.0
(R)-(-)-3-Methy...	4.641	85.4	ng/ul	1460740	1	7.896	341977	20.0
unknown-04	4.682	40.6	ng/ul	694875	1	7.896	341977	20.0
(3,3-Dimethylox...	5.087	10.8	ng/ul	185157	1	7.896	341977	20.0
N,N-Dimethylace...	5.357	7.0	ng/ul	120329	1	7.896	341977	20.0
1-Propene, 1-ch...	5.786	12.5	ng/ul	214083	1	7.896	341977	20.0
Butanamide	5.833	4.5	ng/ul	76846	1	7.896	341977	20.0
2-Buten-1-ol, 3...	6.192	13.3	ng/ul	227521	1	7.896	341977	20.0
Hydrazine, (1-m...	6.720	17.1	ng/ul	292131	1	7.896	341977	20.0
4-Chloro-3-meth...	7.578	17.2	ng/ul	294138	1	7.896	341977	20.0
(DEL) Alkane: C...	7.831	4.0	ng/ul	68341	1	7.896	341977	20.0
(DEL) Alkane: S...	8.060	8.0	ng/ul	135894	1	7.896	341977	20.0
2(5H)-Furanone,...	8.136	11.7	ng/ul	199960	1	7.896	341977	20.0
2'-Hydroxypropi...	8.853	7.5	ng/ul	127563	1	7.896	341977	20.0
(DEL) Alkane: S...	9.206	3.2	ng/ul	55234	1	7.896	341977	20.0
2-Hexanol, 2,3-...	11.327	6.4	ng/ul	162971	2	10.698	511486	20.0
unknown-05	11.427	8.4	ng/ul	214139	2	10.698	511486	20.0
(DEL) Alkane: S...	11.509	5.1	ng/ul	131466	2	10.698	511486	20.0
1,1'-Biphenyl, ...	15.781	13.0	ng/ul	404090	3	14.535	622002	20.0
1,1'-Biphenyl, ...	16.392	8.6	ng/ul	377613	4	17.279	873933	20.0
1,1'-Biphenyl, ...	16.503	11.0	ng/ul	480936	4	17.279	873933	20.0
1,1'-Biphenyl, ...	17.149	10.1	ng/ul	439646	4	17.279	873933	20.0
1,1'-Biphenyl, ...	17.191	6.7	ng/ul	292566	4	17.279	873933	20.0
1,1'-Biphenyl, ...	17.872	22.0	ng/ul	960799	4	17.279	873933	20.0
1,1'-Biphenyl, ...	18.342	8.5	ng/ul	371824	4	17.279	873933	20.0