LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46W9DL

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: BG058437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.646	92	95	103	rBV4	13861	28447	2.25%	0.225%
2	3.770	112	116	120	rVB	26973	34166	2.70%	0.270%
3	3.976	146	151	159	rBV2	61560	101042	8.00%	0.798%
4	4.146	175	180	185	rBV	17862	26481	2.10%	0.209%
5	4.357	212	216	222	rBV	20374	28343	2.24%	0.224%
6	4.493	235	239	243	rBV	9776	15863	1.26%	0.125%
7	4.545	243	248	252	rVV	151281	219896	17.41%	1.736%
8	4.587	252	255	263	rVB	51215	74861	5.93%	0.591%
9	4.998	319	325	335	rVB3	14627	28126	2.23%	0.222%
10	5.703	439	445	450	rBV4	15127	25487	2.02%	0.201%
11	6.114	509	515	519	rBV6	13185	24389	1.93%	0.193%
12	6.437	566	570	579	rVB5	5449	11873	0.94%	0.094%
13	6.619	595	601	602	rBV2	7959	11171	0.88%	0.088%
14	6.643	602	605	612	rVB3	14078	21650	1.71%	0.171%
15	7.048	668	674	680	rVB5	9510	17516	1.39%	0.138%
16	7.501	746	751	762	rBV3	12209	25895	2.05%	0.204%
17	7.818	799	805	814	rVB	115957	198346	15.70%	1.566%
18	7.983	828	833	839	rBV2	9049	14001	1.11%	0.111%
19	8.059	841	846	853	rBV2	12871	22737	1.80%	0.180%
20	8.646	942	946	953	rVB3	5485	10996	0.87%	0.087%
21	10.474	1253	1257	1262	rVB2	9048	14911	1.18%	0.118%
22	10.615	1273	1281	1287	rBV	155923	300832	23.81%	2.375%
23	10.797	1307	1312	1318	rBV4	7473	12759	1.01%	0.101%
24	10.991	1338	1345	1349	rBV5	8206	16124	1.28%	0.127%
25	11.038	1350	1353	1358	rVB3	8545	13651	1.08%	0.108%
26	11.249	1384	1389	1392	rBV	11630	19133	1.51%	0.151%
27	11.355	1401	1407	1415	rVB4	12815	27522	2.18%	0.217%
28	11.437	1415	1421	1427	rVB3	9416	16793	1.33%	0.133%
29	12.283	1557	1565	1572	rBV	12786	27796	2.20%	0.219%
30	12.501	1596	1602	1614	rVB	12105	23289	1.84%	0.184%
31	13.641	1787	1796	1804	rVB3	5790	15746	1.25%	0.124%
32	13.788	1814	1821	1825	rBV3	11916	22498	1.78%	0.178%
33	13.840	1825	1830	1831	rVV3	9191	11935	0.94%	0.094%
34	13.870	1832	1835	1841	rVB	15486	20893	1.65%	0.165%
35	14.158	1877	1884	1888	rBV2	17119	27062	2.14%	0.214%
36	14.463	1928	1936	1942	rBV	333273	523785	41.46%	4.136%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
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Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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	14.528	1942	1947	1954	rVB	97166	152774	12.09%	1.206%
38	14.775	1984	1989	1995	rVB	10466	15995	1.27%	0.126%
39	14.863	1998	2004	2011	rBV	54367	94982	7.52%	0.750%
40	15.456	2100	2105	2109	rBV2	23039	36399	2.88%	0.287%
41	15.509	2109	2114	2125	rVV	106620	172761	13.67%	1.364%
42	15.603	2125	2130	2132	rVV3	9558	13097	1.04%	0.103%
43	15.632	2132	2135	2138	rVV3	13060	21147	1.67%	0.167%
44	15.674	2138	2142	2146	rVV4	21644	32683	2.59%	0.258%
45	15.762	2153	2157	2160	rVV2	7444	12311	0.97%	0.097%
46	15.809	2160	2165	2172	rVB3	21644	40474	3.20%	0.320%
47	15.956	2184	2190	2198	rVV2	25073	53808	4.26%	0.425%
48	16.044	2201	2205	2212	rVB5	6537	11553	0.91%	0.091%
49	16.308	2243	2250	2255	rBV5	11529	20608	1.63%	0.163%
50	16.514	2274	2285	2289	rBV4	21151	54004	4.27%	0.426%
51	16.561	2289	2293	2299	rBV4	10361	16079	1.27%	0.127%
52	16.661	2305	2310	2315	rVB3	12410	20885	1.65%	0.165%
53	16.737	2321	2323	2327	rVV2	10382	13893	1.10%	0.110%
54	16.778	2327	2330	2334	rVB4	11991	15752	1.25%	0.124%
55	16.960	2350	2361	2366	rBV5	27348	64610	5.11%	0.510%
56	17.025	2368	2372	2381	rVB	48327	79315	6.28%	0.626%
57	17.207	2393	2403	2406	rBV	490777	732588	57.99%	5.785%
58	17.248	2406	2410	2416	rVV	802317	1228691	97.25%	9.702%
59	17.307	2416	2420	2422	rVV2	42428	71032	5.62%	0.561%
60	17.342	2422	2426	2431	rVV	194726	291156	23.05%	2.299%
61	17.401	2432	2436	2440	rVB3	13666	24118	1.91%	0.190%
62	17.612	2465	2472	2487	rVV2	46124	110704	8.76%	0.874%
63	17.724	2487	2491	2498	rVB3	13105	20647	1.63%	0.163%
64	17.789	2498	2502	2504	rBV4	7099	10607	0.84%	0.084%
65	17.924	2521	2525	2533	rVB2	7292	14363	1.14%	0.113%
66	18.082	2542	2552	2556	rBV	82413	141220	11.18%	1.115%
67	18.130	2556	2560	2567	rVB2	118089	173719	13.75%	1.372%
68	18.212	2569	2574	2579	rVB	43290	66506	5.26%	0.525%
69	18.276	2579	2585	2590	rBV2	128294	253210	20.04%	1.999%
70	18.388	2601	2604	2607	rVB3	9476	12480	0.99%	0.099%
71	18.435	2608	2612	2616	rBV5	8192	12316	0.97%	0.097%
72	18.582	2632	2637	2642	rBV2	51456	76565	6.06%	0.605%
73	18.705	2655	2658	2665	rVB3	9656	14711	1.16%	0.116%
74	18.829	2675	2679	2683	rBV3	20300	25366	2.01%	0.200%
75	18.876	2684	2687	2690	rBV	10904	14318	1.13%	0.113%
76	18.999	2703	2708	2713	rBV2	31277	58379	4.62%	0.461%

LSC Area Percent Report

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Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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

77	19.134	2728	2731	2734	rBV2	13005	18765	1.49%	0.148%
78	19.263	2747	2753	2760	rBV	756407	1089320	86.22%	8.601%
79	19.363	2766	2770	2775	rBV2	18506	26964	2.13%	0.213%
80	19.516	2792	2796	2804	rVB3	79746	119578	9.46%	0.944%
81	19.598	2804	2810	2811	rBV4	203303	283334	22.43%	2.237%
82	19.628	2811	2815	2822	rVV	442690	691940	54.77%	5.464%
83	19.692	2823	2826	2835	rVB3	43681	67890	5.37%	0.536%
84	19.804	2840	2845	2851	rVV	44608	67880	5.37%	0.536%
85	19.951	2864	2870	2879	rVB4	45702	119987	9.50%	0.947%
86	20.086	2888	2893	2894	rBV2	28529	46412	3.67%	0.366%
87	20.121	2895	2899	2904	rVB	131894	192930	15.27%	1.523%
88	20.215	2911	2915	2919	rBV	124454	179081	14.17%	1.414%
89	20.356	2936	2939	2943	rVB3	31133	41576	3.29%	0.328%
90	20.415	2946	2949	2953	rVV	25063	29384	2.33%	0.232%
91	20.462	2953	2957	2962	rVV2	36025	48048	3.80%	0.379%
92	20.556	2970	2973	2980	rVB2	64386	83364	6.60%	0.658%
93	20.832	3016	3020	3024	rBV3	42295	60004	4.75%	0.474%
94	21.044	3053	3056	3059	rBV	31288	40727	3.22%	0.322%
95	21.085	3060	3063	3068	rVV2	38170	63919	5.06%	0.505%
96	21.443	3116	3124	3129	rBV2	556425	1263401	100.00%	9.976%
97	21.490	3129	3132	3144	rVB	255178	408619	32.34%	3.226%
98	21.631	3152	3156	3161	rVB3	49069	80956	6.41%	0.639%
99	23.541	3475	3481	3487	rBV	125132	347034	27.47%	2.740%
100	24.516	3638	3647	3664	rBV	351275	961627	76.11%	7.593%

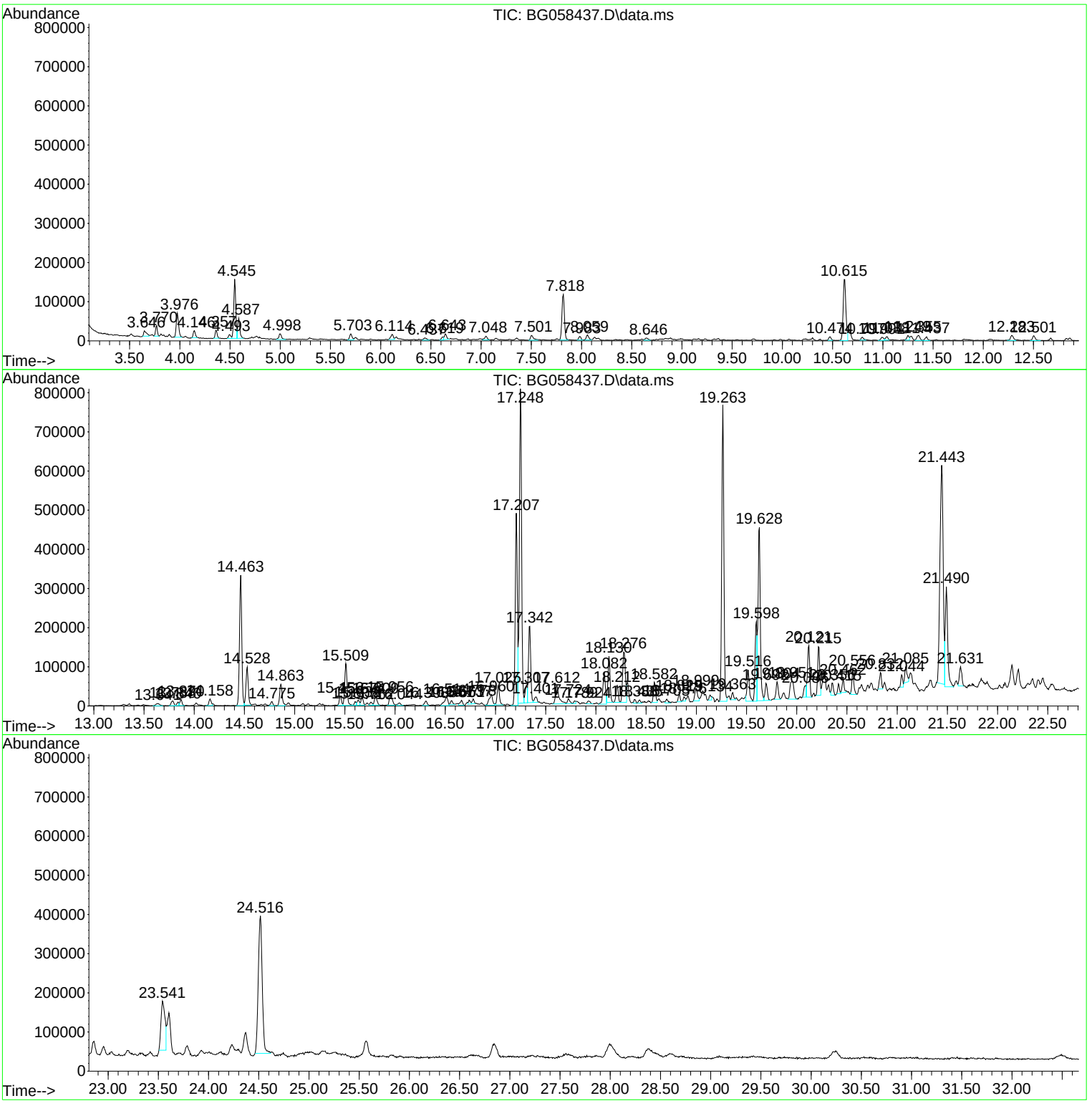
Sum of corrected areas: 12664581

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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 : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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

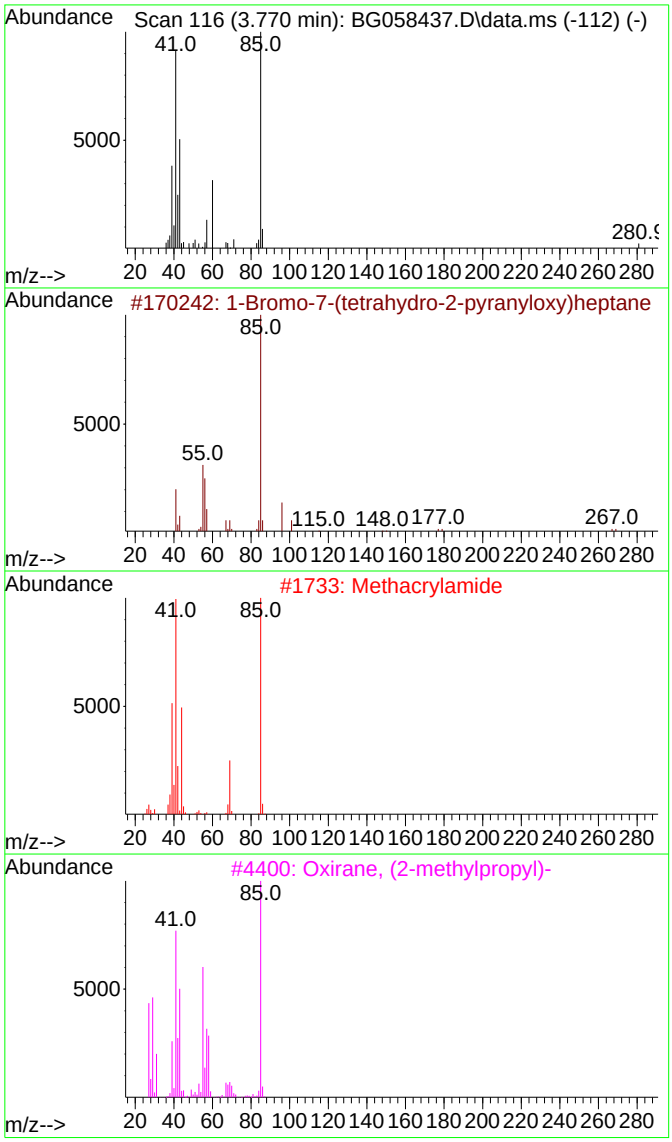
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

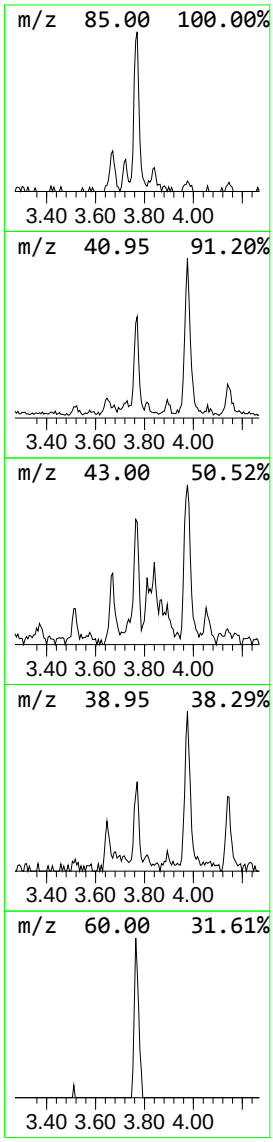
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.770	3.45 ng/ul	34166	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-7-(tetrahydro-2-pyranylo...	278	C12H23BrO2	010160-25-5	40
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	33
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	33
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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

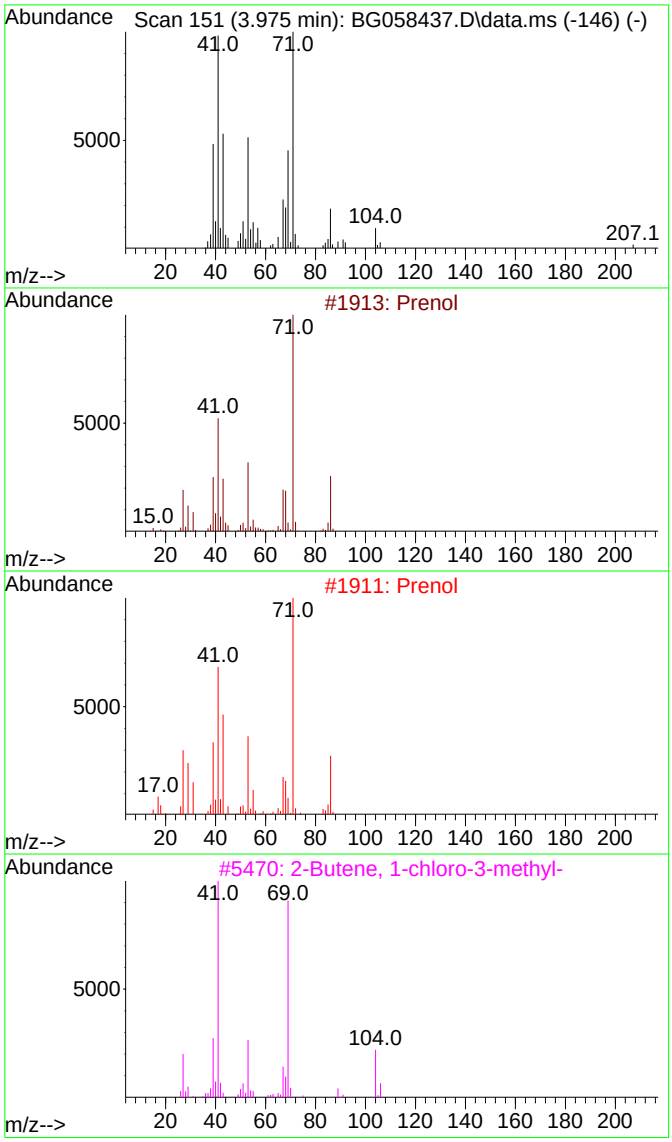
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

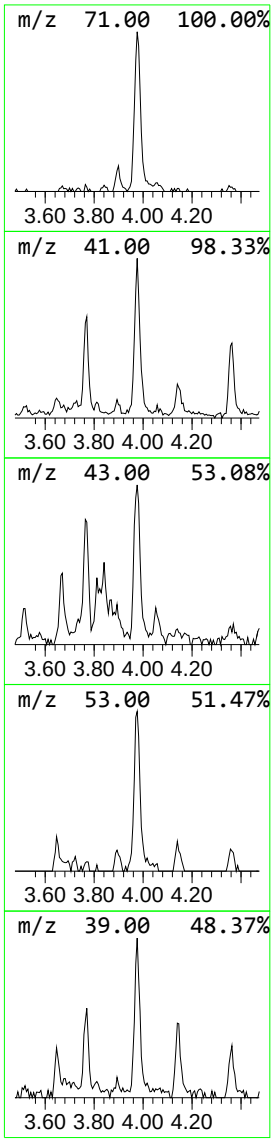
****

Peak Number 2 Prenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.975	10.19 ng/ul	101042	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	72
2	Prenol	86	C5H10O	000556-82-1	56
3	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	47
4	Prenol	86	C5H10O	000556-82-1	38
5	2-Aminoacrylonitrile	68	C3H4N2	069245-10-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

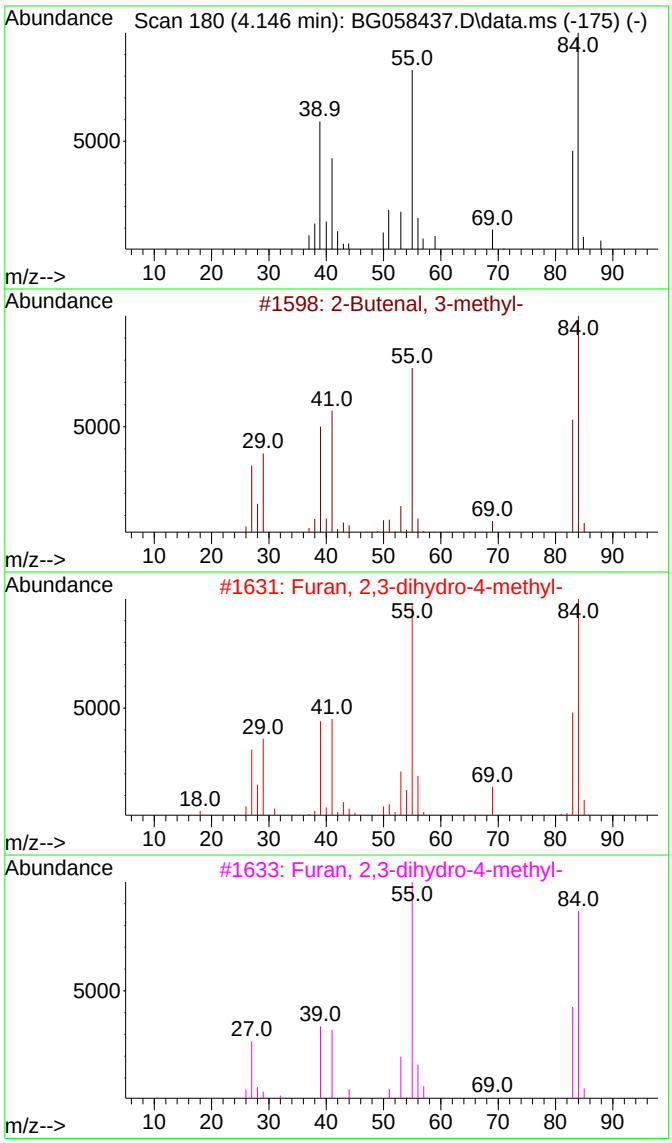
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

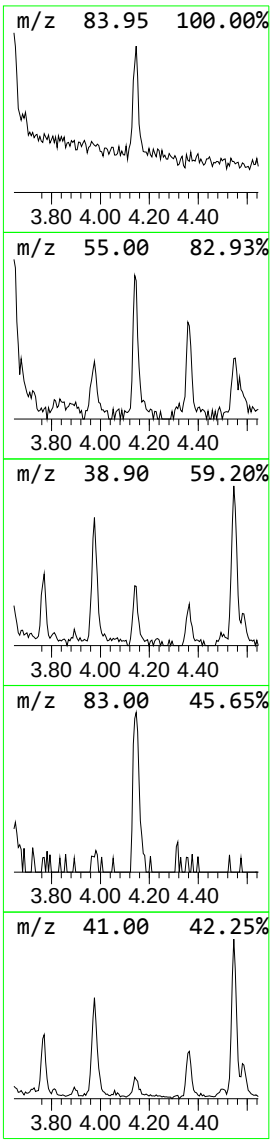
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butenal, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.146	2.67 ng/ul	26481	1,4-Dichlorobenzene-d4	7.818

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	81
3	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	59
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	58
5	2-Pentenal, (E)-	84	C5H8O	001576-87-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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

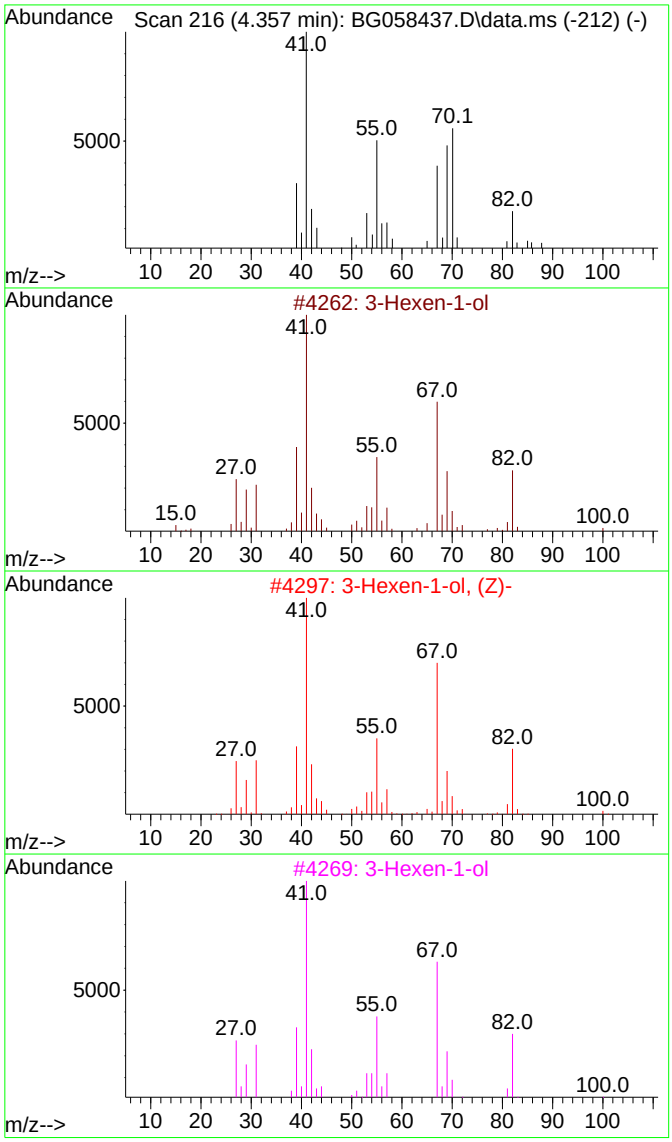
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

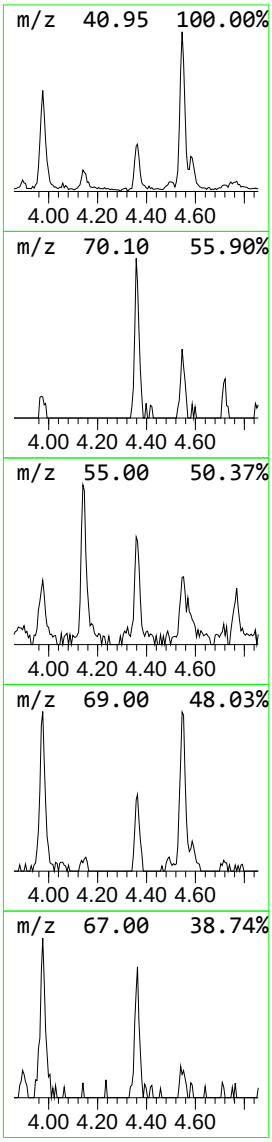
****

Peak Number 4 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.357	2.86 ng/ul	28343	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol	100	C6H12O	000544-12-7	43
2	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	43
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	43
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	33
5	1,4-Pentanediamine	102	C5H14N2	000591-77-5	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

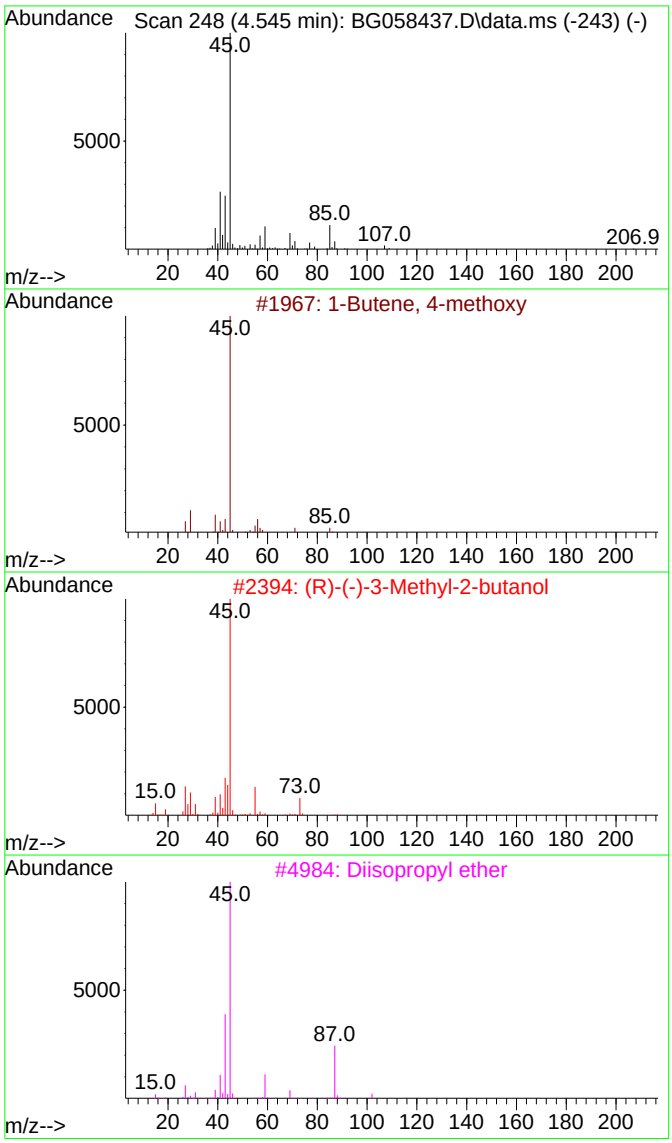
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

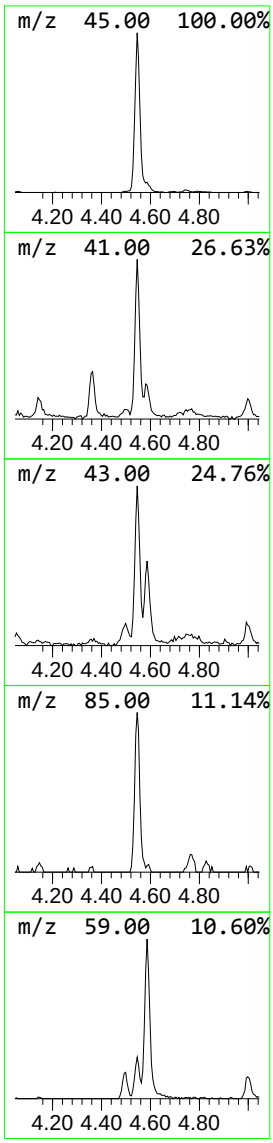
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Butene, 4-methoxy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.545	22.17 ng/ul	219896	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	59
2	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	50
3	Diisopropyl ether	102	C6H14O	000108-20-3	50
4	Diisopropyl ether	102	C6H14O	000108-20-3	45
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45





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Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

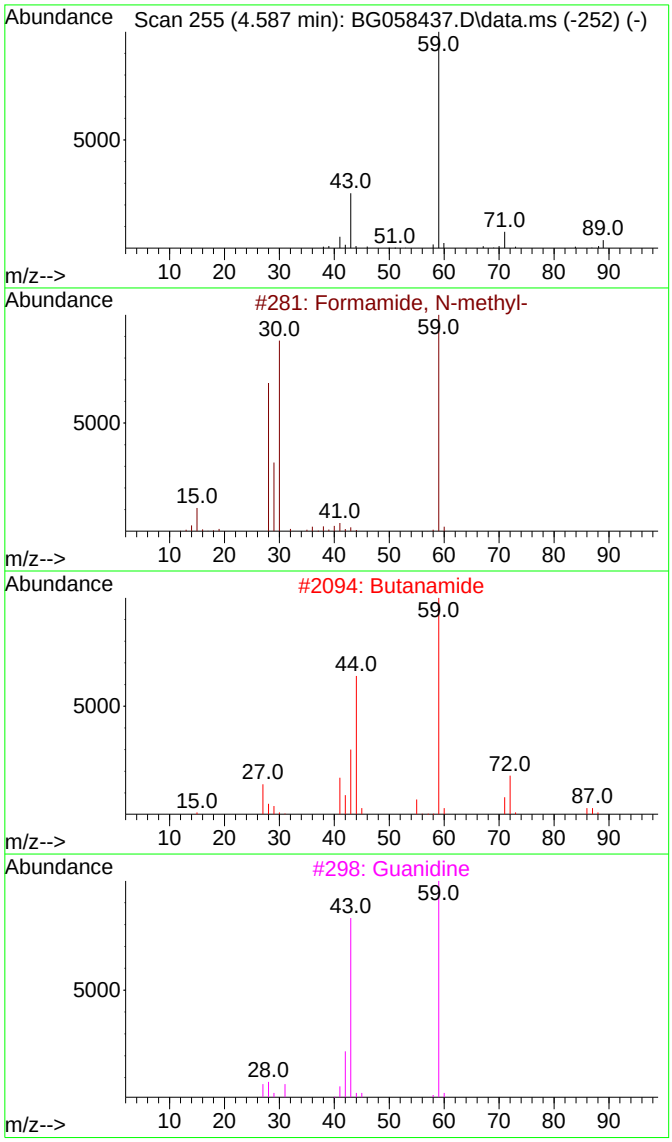
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

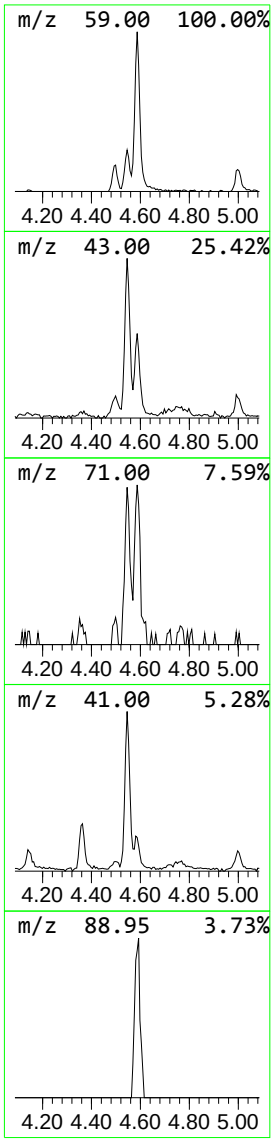
****

Peak Number 6 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.587	7.55 ng/ul	74861	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-methyl-	59	C2H5NO	000123-39-7	9
2	Butanamide	87	C4H9NO	000541-35-5	9
3	Guanidine	59	CH5N3	000113-00-8	7
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
5	Butane, 2-methoxy-	88	C5H12O	006795-87-5	5





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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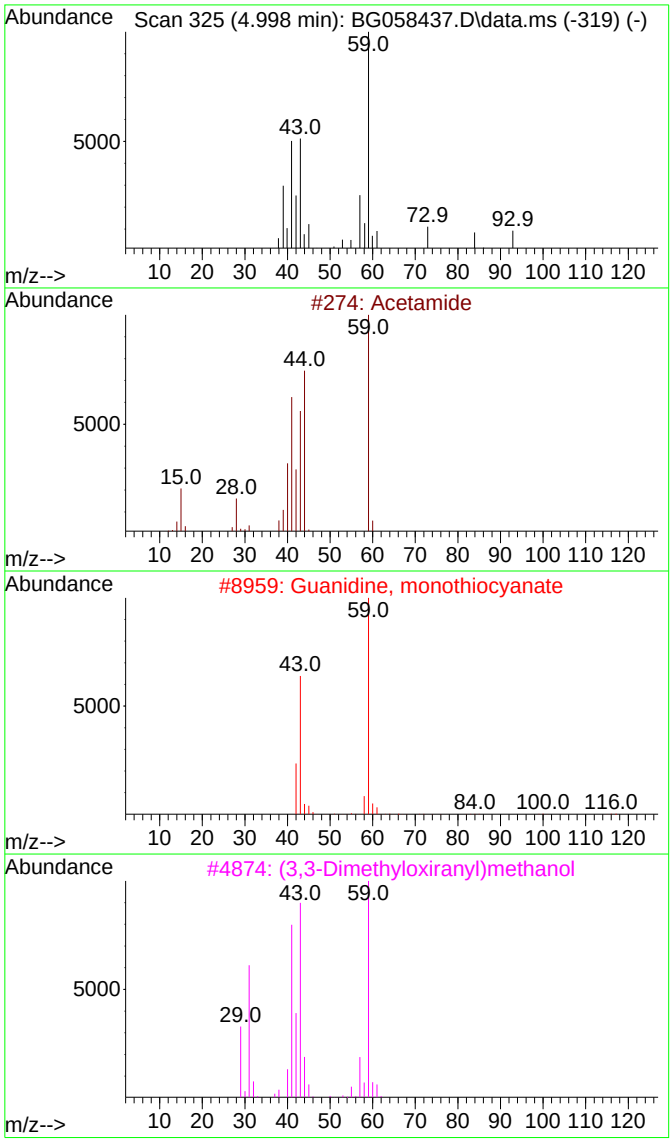
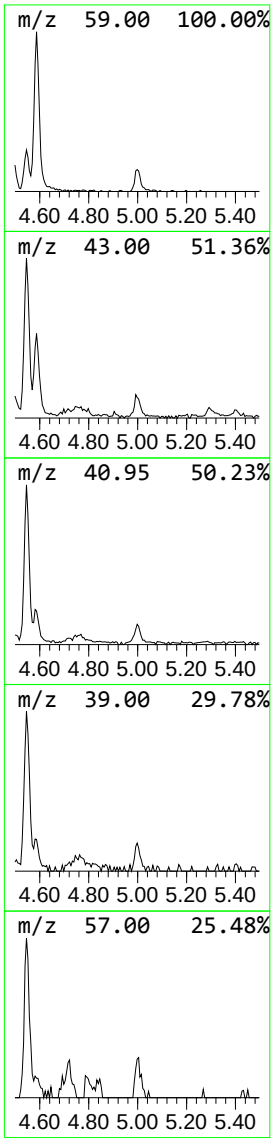
Peak Number 7 Acetamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	2.84 ng/ul	28126	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide	59	C2H5NO	000060-35-5	50
2	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	42
3	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	42
4	Acetaldoxime	59	C2H5NO	000107-29-9	36
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	33





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Misc :
ALS Vial : 9 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

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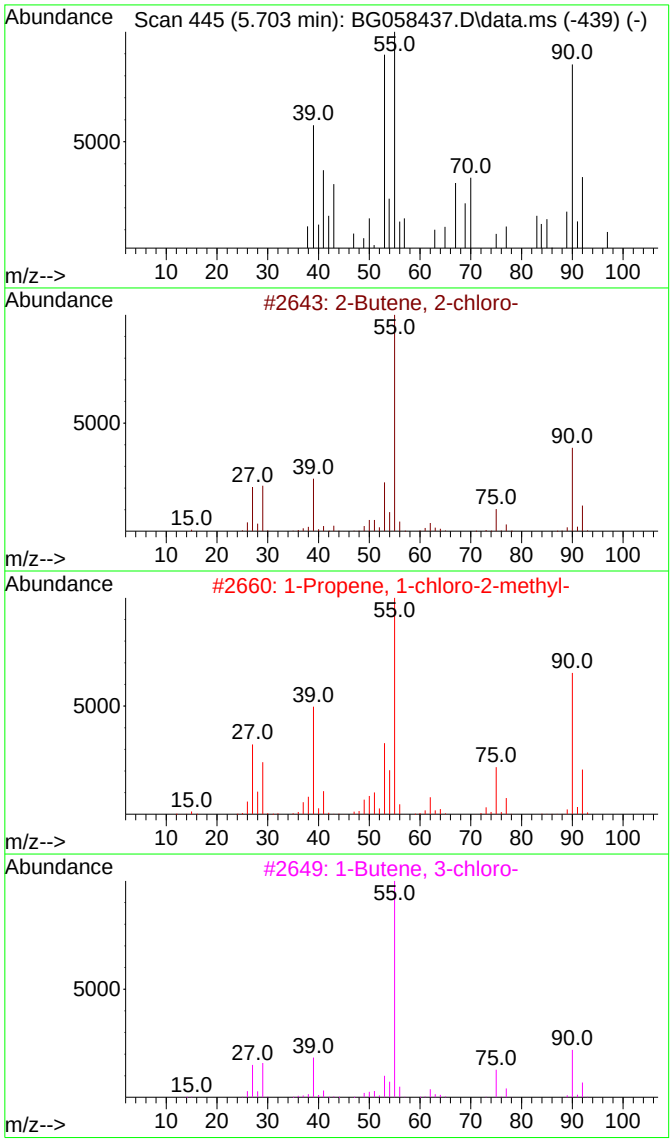
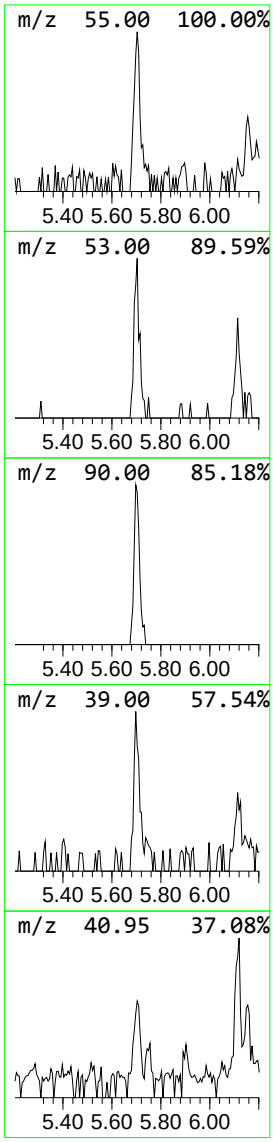
Peak Number 8 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.703	2.57 ng/ul	25487	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-chloro-	90	C4H7Cl	004461-41-0	40
2	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	32
3	1-Butene, 3-chloro-	90	C4H7Cl	000563-52-0	25
4	2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	25
5	2-Methyl-2-vinyloxirane	84	C5H8O	001838-94-4	12





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Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

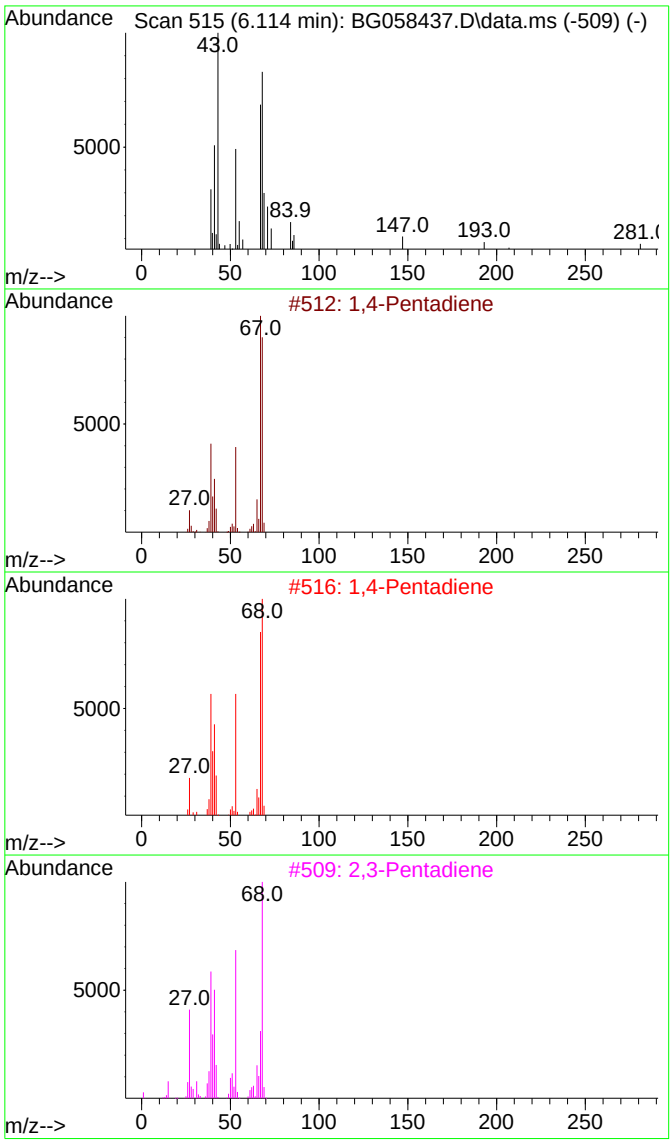
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

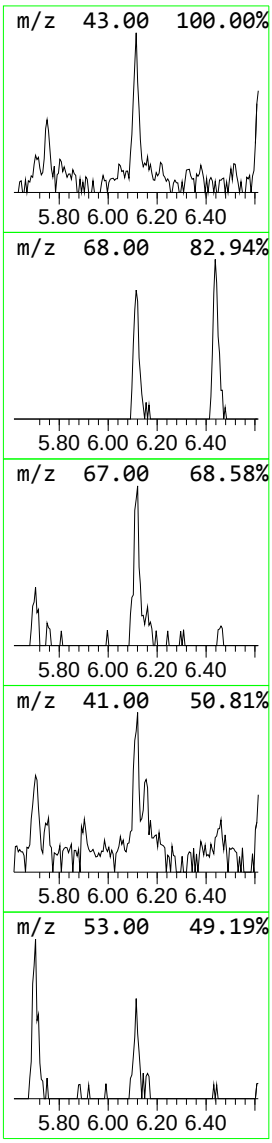
****

Peak Number 9 1,4-Pentadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.114	2.46 ng/ul	24389	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene	68	C5H8	000591-93-5	64
2	1,4-Pentadiene	68	C5H8	000591-93-5	59
3	2,3-Pentadiene	68	C5H8	000591-96-8	58
4	2-Pentyne	68	C5H8	000627-21-4	53
5	2-Pentyne	68	C5H8	000627-21-4	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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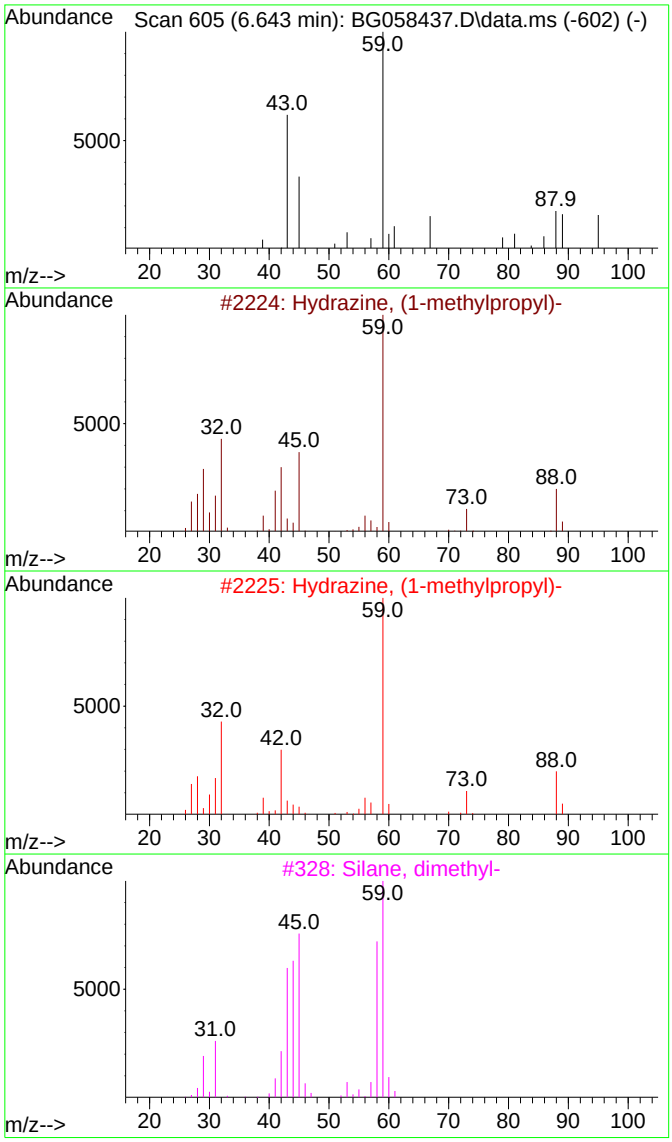
Quant Title : SVOA CALIBRATION

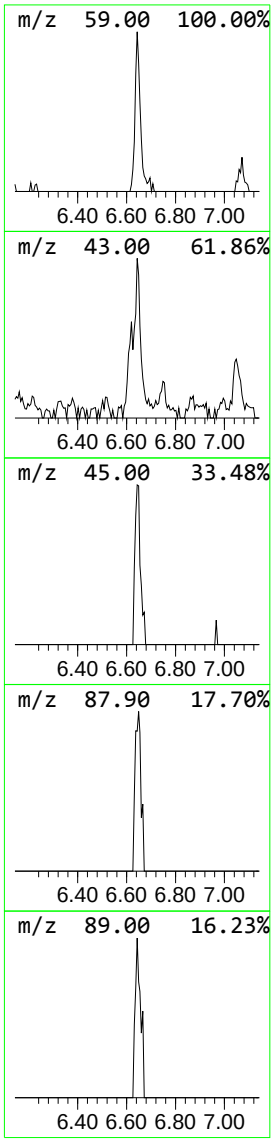
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hydrazine, (1-methylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.643	2.18 ng/ul	21650	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	53
2	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	38
3	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
5	Hydrazine, 1-methyl-1-propyl-	88	C4H12N2	004986-49-6	7





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Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

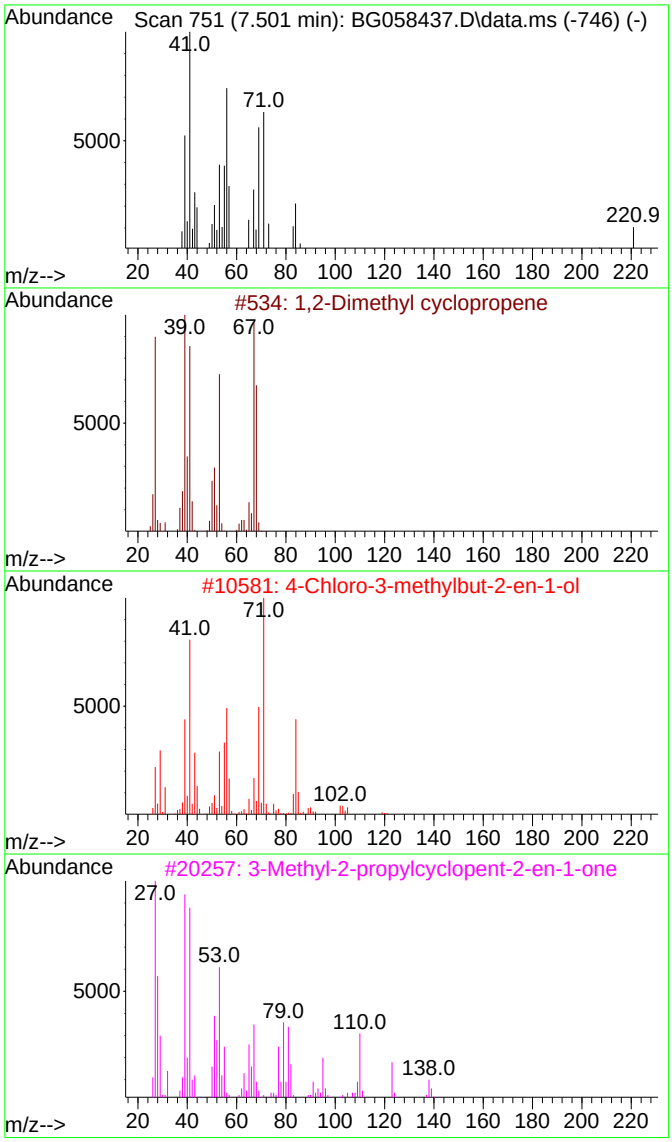
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

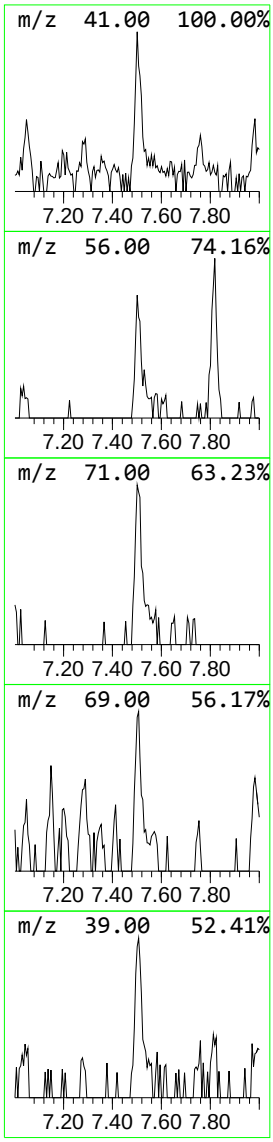
****

Peak Number 11 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	2.61 ng/ul	25895	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	43
2	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	42
3	3-Methyl-2-propylcyclopent-2-en-...	138	C9H14O	1000423-46-9	37
4	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	27
5	2-(Furan-2-yl)ethan-1-amine	111	C6H9NO	001121-46-6	16





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Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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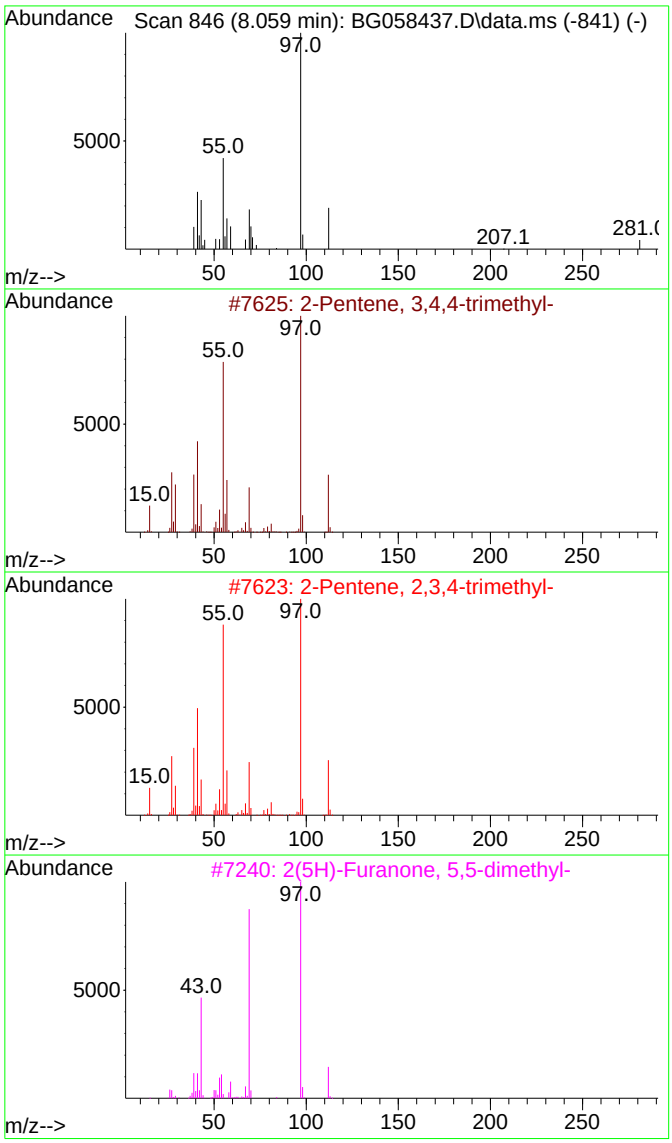
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

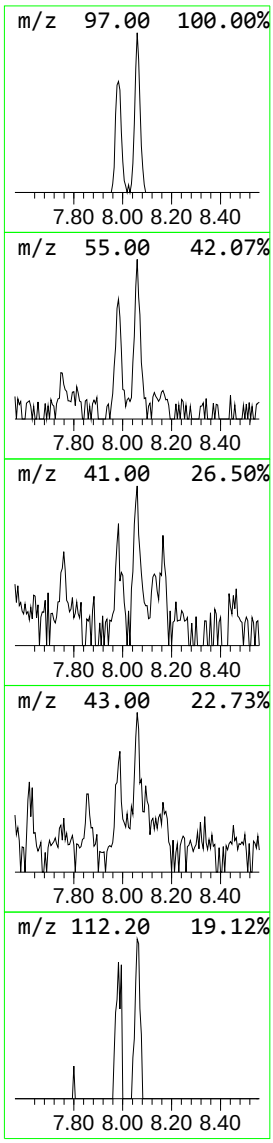
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.059	2.29 ng/ul	22737	1,4-Dichlorobenzene-d4	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	64
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
3	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	58
4	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	47





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Misc :
ALS Vial : 9 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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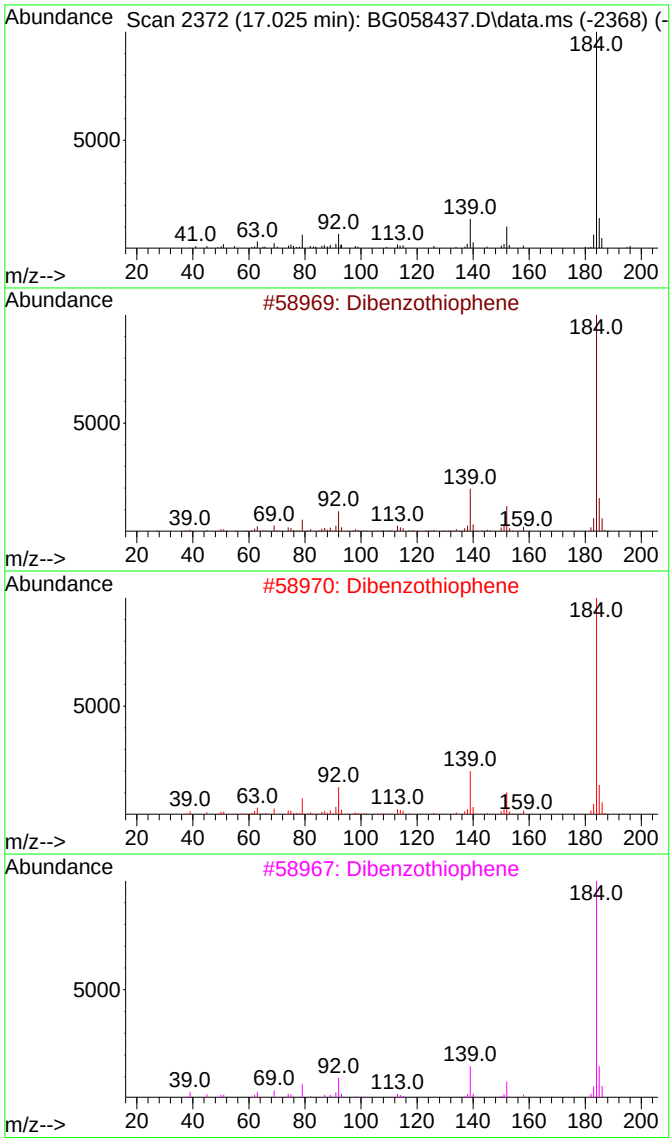
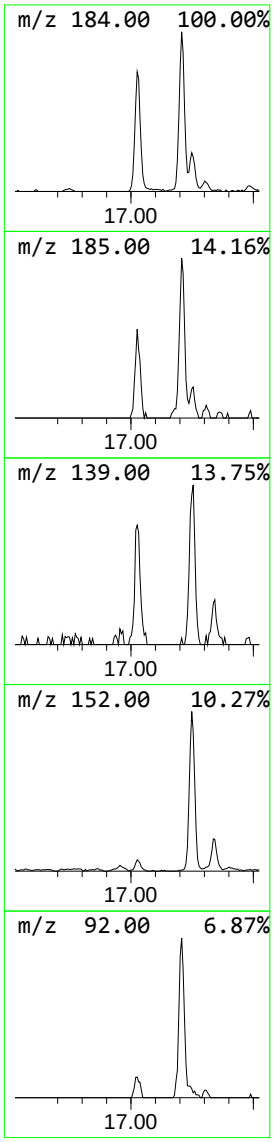
Peak Number 13 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.025	2.17 ng/ul	79315	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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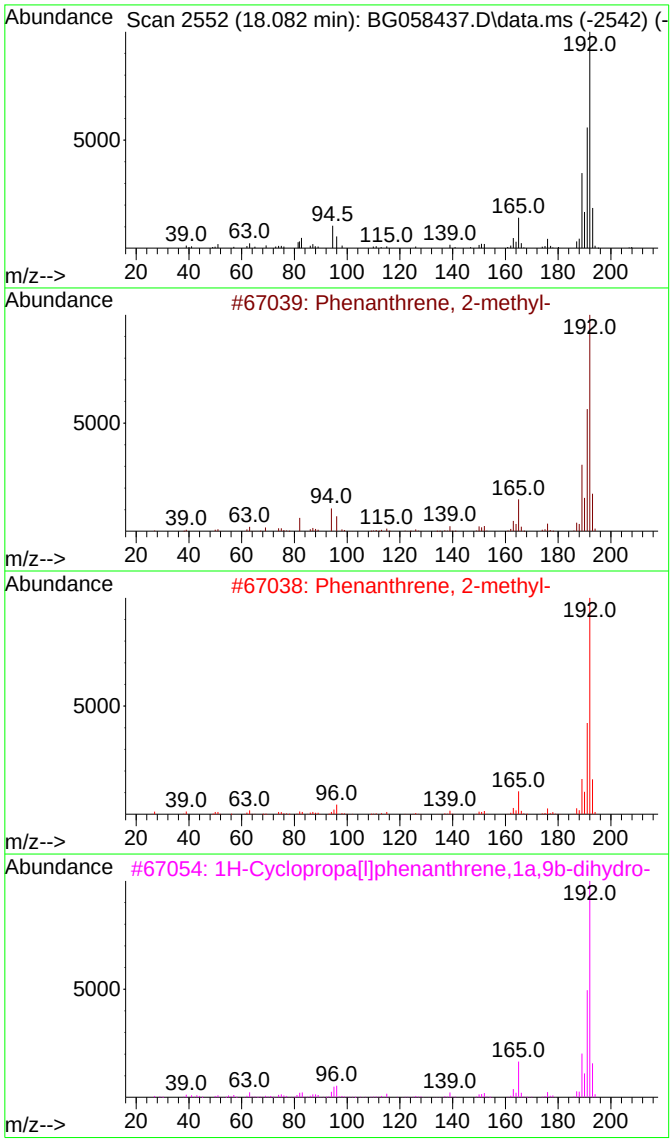
Quant Title : SVOA CALIBRATION

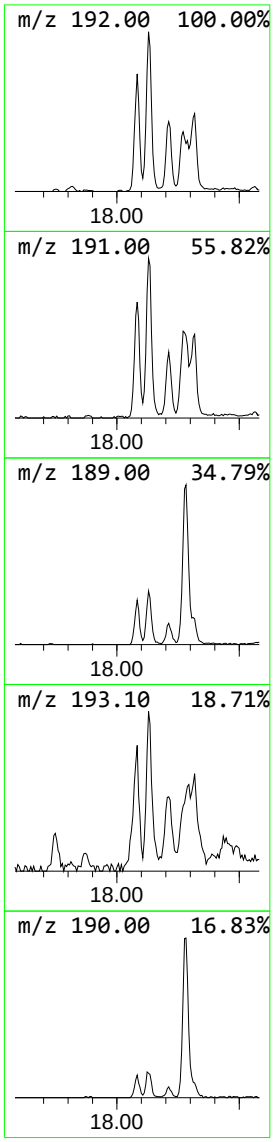
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	3.86 ng/ul	141220	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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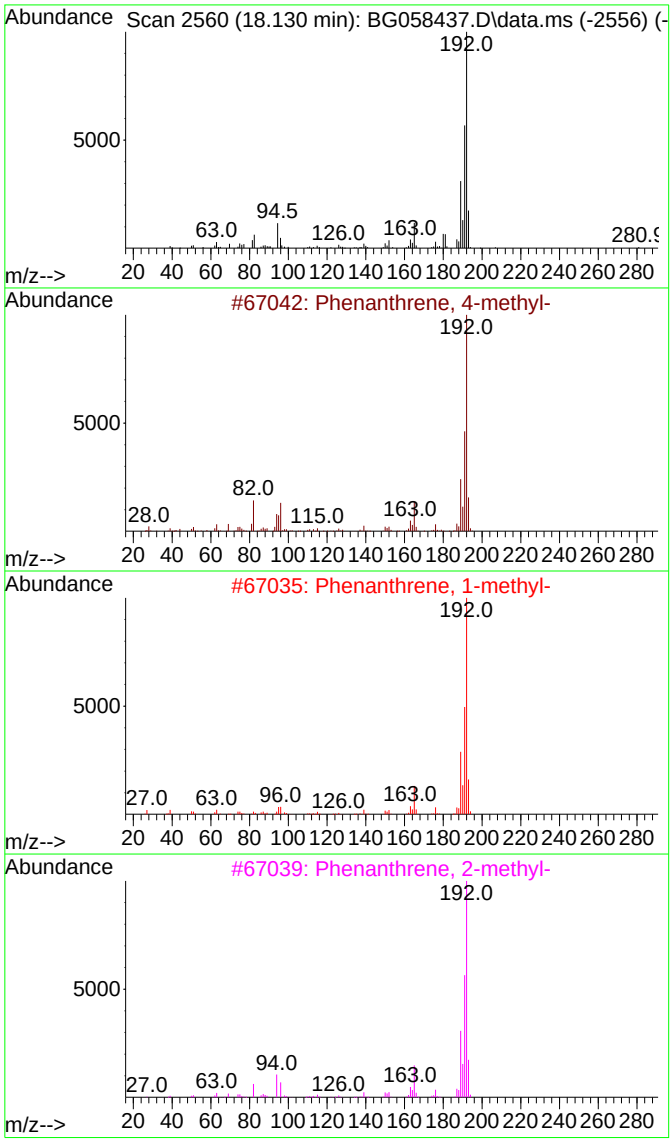
Quant Title : SVOA CALIBRATION

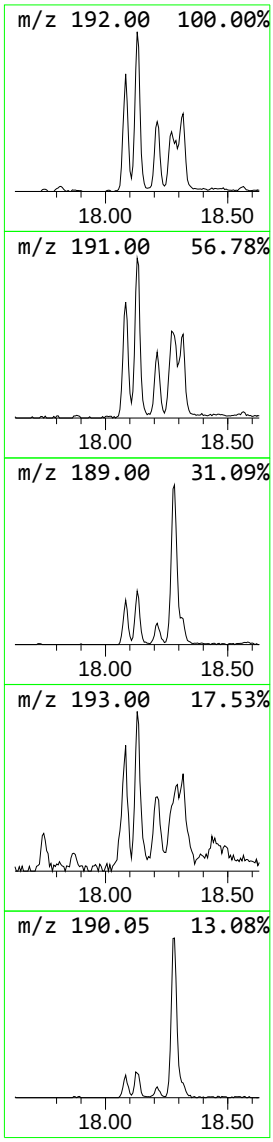
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	4.74 ng/ul	173719	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ClientSampleId :
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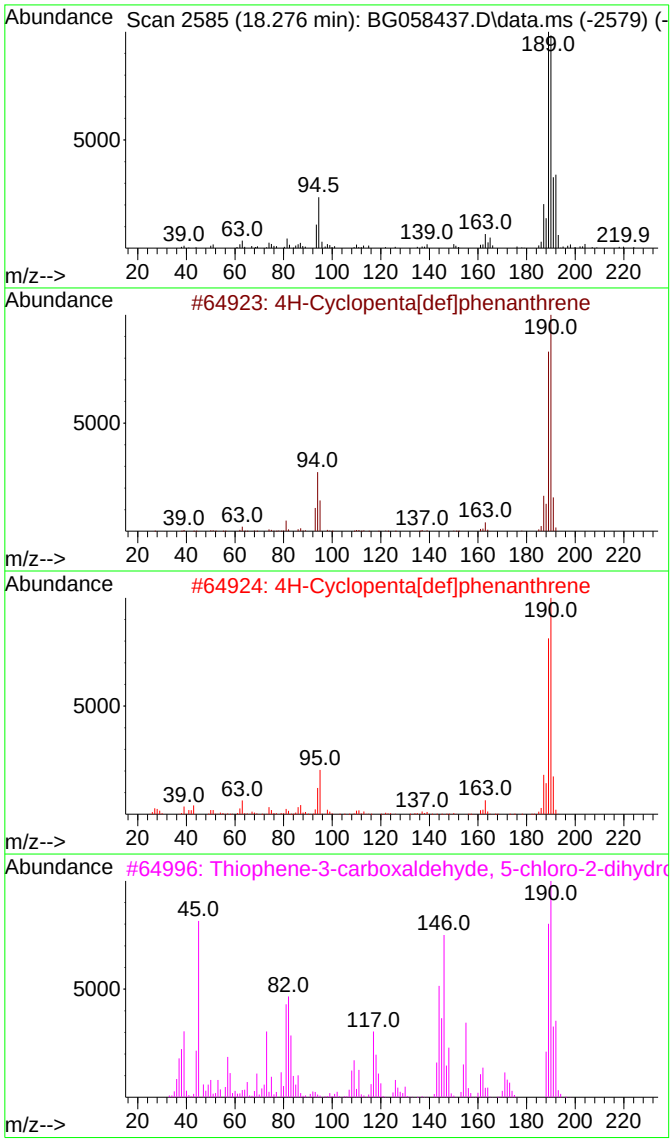
Quant Title : SVOA CALIBRATION

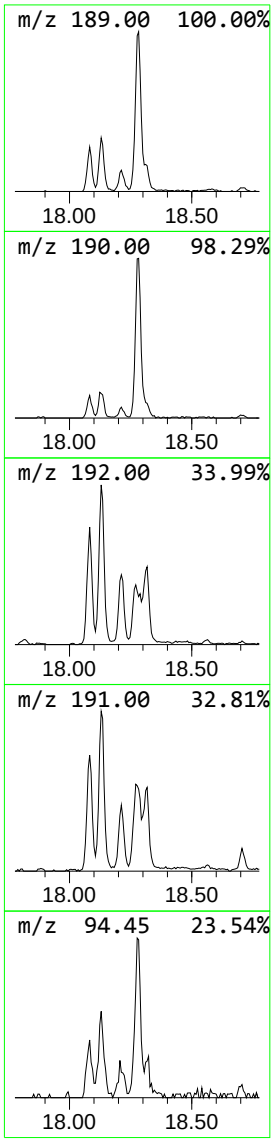
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.276	6.91 ng/ul	253210	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49





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Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46W9DL

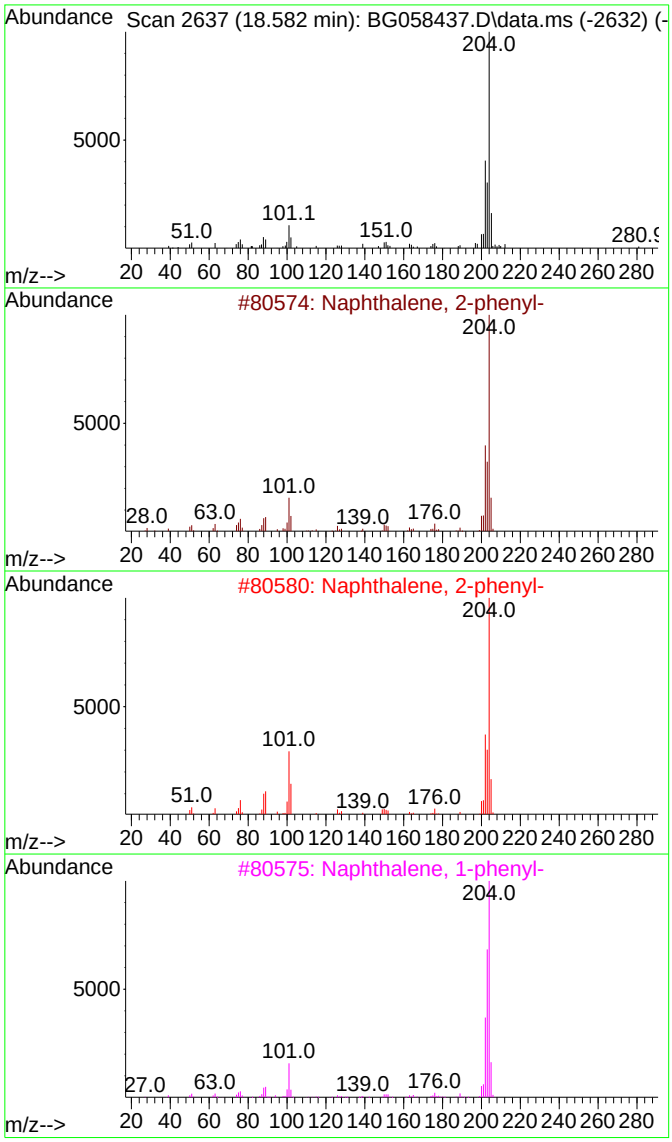
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

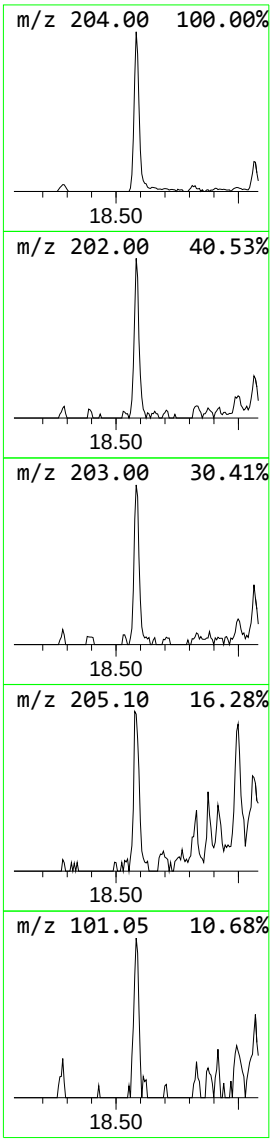
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.582	2.09 ng/ul	76565	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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

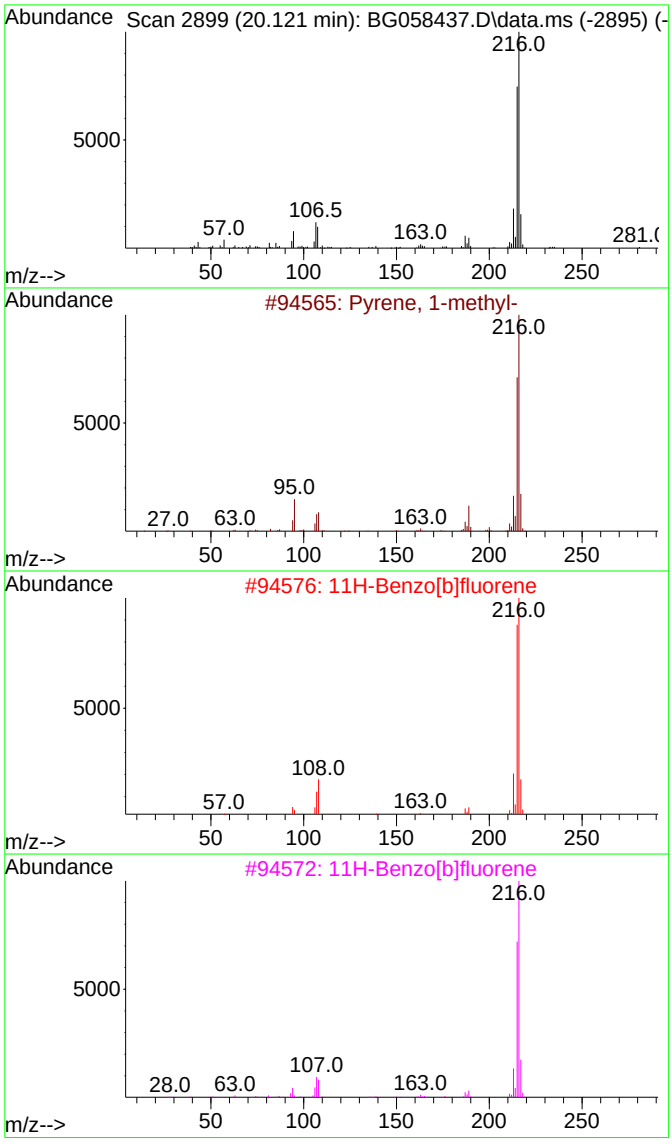
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

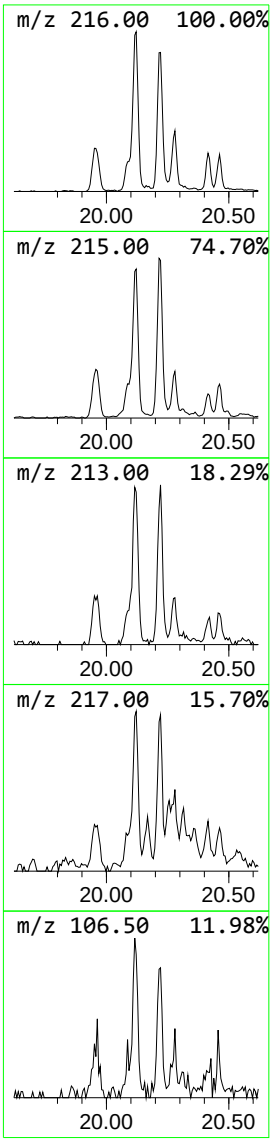
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.121	3.05 ng/ul	192930	Chrysene-d12	21.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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

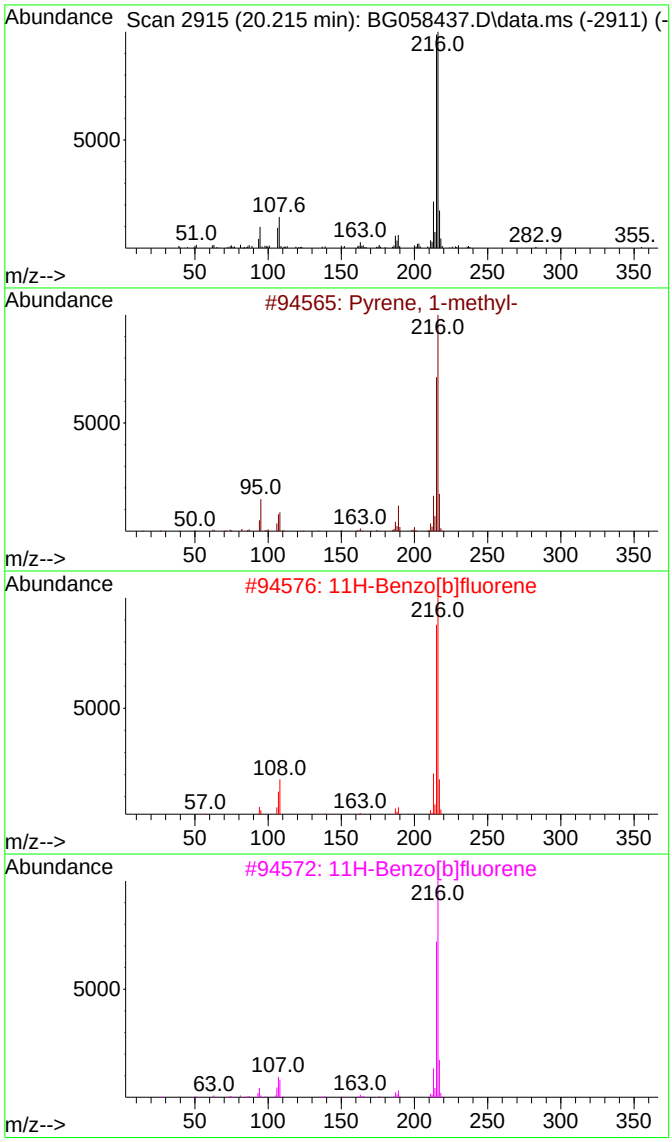
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

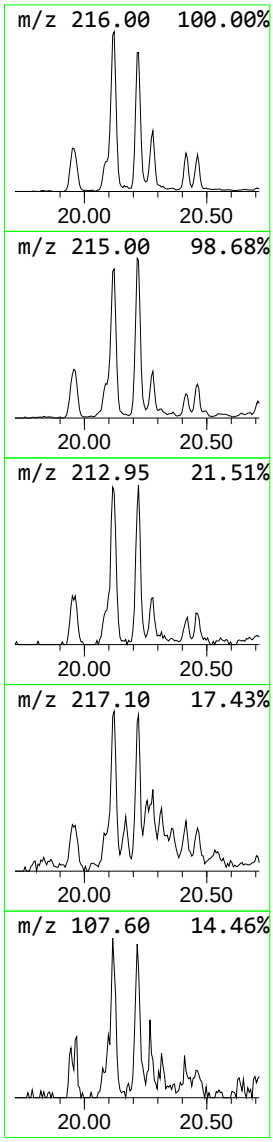
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.215	2.83 ng/ul	179081	Chrysene-d12	21.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058437.D
Acq On : 25 Jul 2023 00:19
Operator : CG/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W9DL

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
unknown-01	3.770	3.5	ng/ul	34166	1	7.818	198346	20.0
Prenol	3.975	10.2	ng/ul	101042	1	7.818	198346	20.0
2-Butenal, 3-me...	4.146	2.7	ng/ul	26481	1	7.818	198346	20.0
unknown-02	4.357	2.9	ng/ul	28343	1	7.818	198346	20.0
1-Butene, 4-met...	4.545	22.2	ng/ul	219896	1	7.818	198346	20.0
unknown-03	4.587	7.5	ng/ul	74861	1	7.818	198346	20.0
Acetamide	4.998	2.8	ng/ul	28126	1	7.818	198346	20.0
unknown-04	5.703	2.6	ng/ul	25487	1	7.818	198346	20.0
1,4-Pentadiene	6.114	2.5	ng/ul	24389	1	7.818	198346	20.0
Hydrazine, (1-m...	6.643	2.2	ng/ul	21650	1	7.818	198346	20.0
unknown-05	7.501	2.6	ng/ul	25895	1	7.818	198346	20.0
(DEL) Alkane: S...	8.059	2.3	ng/ul	22737	1	7.818	198346	20.0
Dibenzothiophene	17.025	2.2	ng/ul	79315	4	17.207	732588	20.0
Phenanthrene, 2...	18.083	3.9	ng/ul	141220	4	17.207	732588	20.0
Phenanthrene, 4...	18.130	4.7	ng/ul	173719	4	17.207	732588	20.0
4H-Cyclopenta[d...	18.276	6.9	ng/ul	253210	4	17.207	732588	20.0
Naphthalene, 2-...	18.582	2.1	ng/ul	76565	4	17.207	732588	20.0
Pyrene, 1-methyl-	20.121	3.0	ng/ul	192930	5	21.449	1263400	20.0
11H-Benzo[b]flu...	20.215	2.8	ng/ul	179081	5	21.449	1263400	20.0