LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059247.D
Acq On : 28 Sep 2023 23:47
Operator : MA/JU
Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

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-BG092723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059247.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.814	67	72	80	rVB5	10854	23227	1.06%	0.116%
2	3.961	93	97	111	rBV	108295	187911	8.54%	0.936%
3	4.078	114	117	120	rBV4	4131	5762	0.26%	0.029%
4	4.178	129	134	142	rVB3	15747	29043	1.32%	0.145%
5	4.302	152	155	162	rVB4	9087	14082	0.64%	0.070%
6	4.437	175	178	181	rBV4	4562	6117	0.28%	0.030%
7	4.625	205	210	216	rVV6	10655	19673	0.89%	0.098%
8	4.684	218	220	225	rVB4	4272	7397	0.34%	0.037%
9	4.842	243	247	251	rVB4	7419	11448	0.52%	0.057%
10	5.142	293	298	299	rBV4	4493	5040	0.23%	0.025%
11	5.236	312	314	318	rBV2	3926	5647	0.26%	0.028%
12	5.400	340	342	347	rVB5	4321	5794	0.26%	0.029%
13	5.488	351	357	365	rVB3	25304	45332	2.06%	0.226%
14	5.671	382	388	394	rBV6	5556	8539	0.39%	0.043%
15	5.823	404	414	422	rVB3	33448	88888	4.04%	0.443%
16	5.906	425	428	432	rBV6	6251	7721	0.35%	0.038%
17	6.070	451	456	461	rBV4	9164	19095	0.87%	0.095%
18	6.182	470	475	482	rBV2	38798	60156	2.73%	0.300%
19	6.252	485	487	489	rBV2	5934	5309	0.24%	0.026%
20	6.476	522	525	532	rBV4	4744	8008	0.36%	0.040%
21	6.611	545	548	552	rVV2	6862	7888	0.36%	0.039%
22	6.669	553	558	560	rVB2	5985	7433	0.34%	0.037%
23	6.852	585	589	596	rVB4	7592	14409	0.65%	0.072%
24	6.963	601	608	612	rVV4	5878	12023	0.55%	0.060%
25	7.051	618	623	626	rBV3	3929	6631	0.30%	0.033%
26	7.098	630	631	636	rVB3	4345	5121	0.23%	0.026%
27	7.269	657	660	662	rBV3	5703	5415	0.25%	0.027%
28	7.357	670	675	680	rVV2	70734	124160	5.64%	0.618%
29	7.410	682	684	691	rVB3	15521	19752	0.90%	0.098%
30	7.551	702	708	717	rVV	284109	496354	22.56%	2.472%
31	7.751	735	742	753	rBV	251301	467240	21.24%	2.327%
32	7.845	753	758	763	rVB3	18569	30098	1.37%	0.150%
33	8.232	817	824	831	rBV2	155438	269942	12.27%	1.344%
34	8.320	835	839	846	rVV2	23078	37083	1.69%	0.185%
35	8.503	867	870	875	rBV4	3726	6830	0.31%	0.034%
36	8.597	881	886	892	rBV4	6161	11621	0.53%	0.058%

LSC Area Percent Report

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Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

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-BG092723.MA.M
Title : SVOA CALIBRATION

37	8.837	923	927	932	rVB4	4796	5917	0.27%	0.029%
38	8.926	935	942	952	rVV	237296	404117	18.37%	2.012%
39	9.084	964	969	971	rBV5	3953	4832	0.22%	0.024%
40	9.149	979	980	986	rVV3	5275	7627	0.35%	0.038%
41	9.213	987	991	995	rVB3	5078	8937	0.41%	0.045%
42	9.319	1003	1009	1010	rBV3	8564	12895	0.59%	0.064%
43	9.431	1019	1028	1038	rBV2	365968	715069	32.50%	3.561%
44	9.654	1060	1066	1072	rVB8	4875	11462	0.52%	0.057%
45	9.842	1094	1098	1103	rVB3	6750	10407	0.47%	0.052%
46	9.895	1103	1107	1113	rBV3	9177	15969	0.73%	0.080%
47	10.024	1126	1129	1133	rVB4	5246	6348	0.29%	0.032%
48	10.095	1133	1141	1143	rBV5	9068	21756	0.99%	0.108%
49	10.148	1143	1150	1157	rVB	269812	477645	21.71%	2.378%
50	10.424	1191	1197	1199	rBV2	16388	23091	1.05%	0.115%
51	10.471	1204	1205	1212	rVB4	4391	6591	0.30%	0.033%
52	10.677	1231	1240	1251	rBV	404015	730123	33.18%	3.636%
53	10.876	1269	1274	1282	rBV5	11518	26328	1.20%	0.131%
54	11.070	1300	1307	1314	rBV	228174	426734	19.40%	2.125%
55	11.217	1326	1332	1345	rVB	348382	645058	29.32%	3.212%
56	11.387	1353	1361	1366	rVB3	13987	26040	1.18%	0.130%
57	11.581	1390	1394	1400	rVB5	7492	17790	0.81%	0.089%
58	11.722	1415	1418	1422	rBV3	5899	10093	0.46%	0.050%
59	11.799	1424	1431	1435	rBV6	7454	12157	0.55%	0.061%
60	11.869	1439	1443	1448	rBV5	3359	6294	0.29%	0.031%
61	11.916	1448	1451	1455	rBV4	8426	14520	0.66%	0.072%
62	12.139	1483	1489	1491	rBV6	5633	6959	0.32%	0.035%
63	12.380	1526	1530	1538	rVB5	9760	18146	0.82%	0.090%
64	12.604	1565	1568	1569	rBV	5191	5180	0.24%	0.026%
65	12.639	1570	1574	1579	rVV5	11204	22001	1.00%	0.110%
66	12.715	1582	1587	1592	rBV8	5096	10981	0.50%	0.055%
67	12.809	1600	1603	1605	rBV2	3810	4763	0.22%	0.024%
68	12.856	1608	1611	1614	rVV5	5444	8804	0.40%	0.044%
69	12.880	1614	1615	1617	rVV	5068	5022	0.23%	0.025%
70	12.927	1617	1623	1629	rVV6	13626	30347	1.38%	0.151%
71	12.991	1629	1634	1636	rVB6	4363	7917	0.36%	0.039%
72	13.262	1675	1680	1686	rVB6	7454	15011	0.68%	0.075%
73	13.579	1729	1734	1738	rBV5	8421	12400	0.56%	0.062%
74	13.691	1749	1753	1758	rVB5	10878	18553	0.84%	0.092%
75	13.849	1775	1780	1782	rBV3	5488	7074	0.32%	0.035%
76	13.873	1782	1784	1788	rVV5	4492	5571	0.25%	0.028%

LSC Area Percent Report

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Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK829

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Title : SVOA CALIBRATION

77	13.908	1788	1790	1794	rVB3	3777	5003	0.23%	0.025%
78	14.261	1844	1850	1858	rVB	730166	1083055	49.22%	5.393%
79	14.572	1896	1903	1910	rBV	885203	1425353	64.78%	7.098%
80	14.866	1947	1953	1961	rBV2	375784	575674	26.16%	2.867%
81	15.054	1979	1985	1995	rBV	64187	124997	5.68%	0.622%
82	15.853	2113	2121	2129	rBV	1101152	1716033	77.99%	8.545%
83	15.964	2134	2140	2146	rVV	345315	509552	23.16%	2.537%
84	16.534	2235	2237	2241	rVB5	6792	9219	0.42%	0.046%
85	16.716	2266	2268	2271	rBV4	4119	4537	0.21%	0.023%
86	16.940	2302	2306	2309	rBV6	7546	13401	0.61%	0.067%
87	17.322	2369	2371	2377	rVB7	8059	11787	0.54%	0.059%
88	17.615	2415	2421	2427	rVB	448896	676509	30.75%	3.369%
89	17.715	2432	2438	2446	rVB2	1257342	1827386	83.05%	9.100%
90	17.939	2474	2476	2478	rBV3	12743	9226	0.42%	0.046%
91	18.432	2556	2560	2571	rBV3	81487	139143	6.32%	0.693%
92	19.695	2771	2775	2780	rBV4	55528	81876	3.72%	0.408%
93	19.989	2819	2825	2832	rVB	1477615	2090186	95.00%	10.408%
94	21.916	3147	3153	3163	rVB2	415996	712932	32.40%	3.550%
95	22.345	3225	3226	3228	rBV2	9955	5484	0.25%	0.027%
96	23.403	3401	3406	3411	rBV6	23635	46083	2.09%	0.229%
97	24.261	3548	3552	3558	rVB3	37463	74125	3.37%	0.369%
98	25.160	3694	3705	3718	rVB2	761347	2200221	100.00%	10.956%
99	25.400	3737	3746	3757	rVB2	272005	822450	37.38%	4.095%
100	32.592	4968	4970	4972	rBV3	6697	5265	0.24%	0.026%

Sum of corrected areas: 20082215

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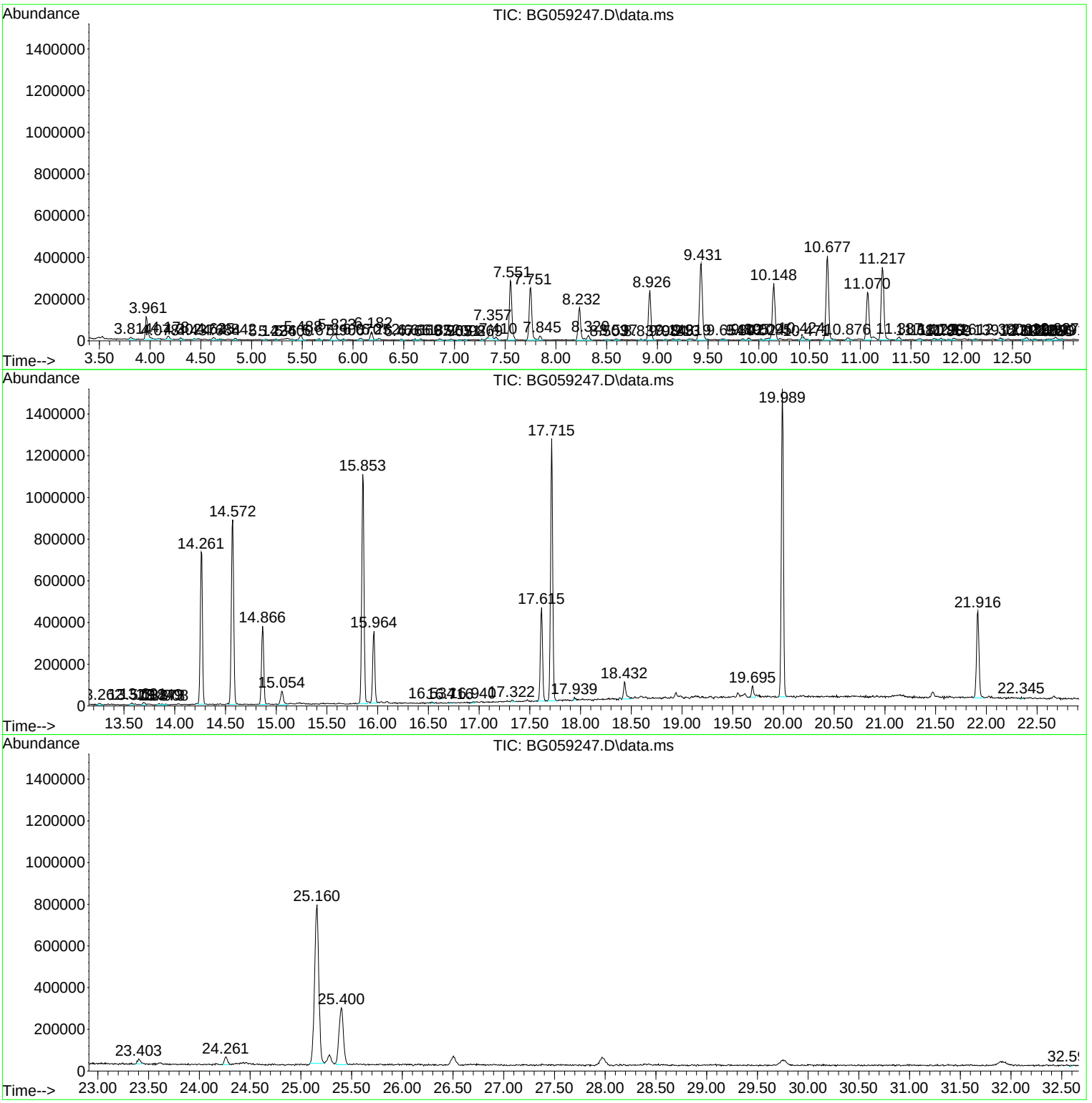
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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\BG092823\
Data File : BG059247.D
Acq On : 28 Sep 2023 23:47
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Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

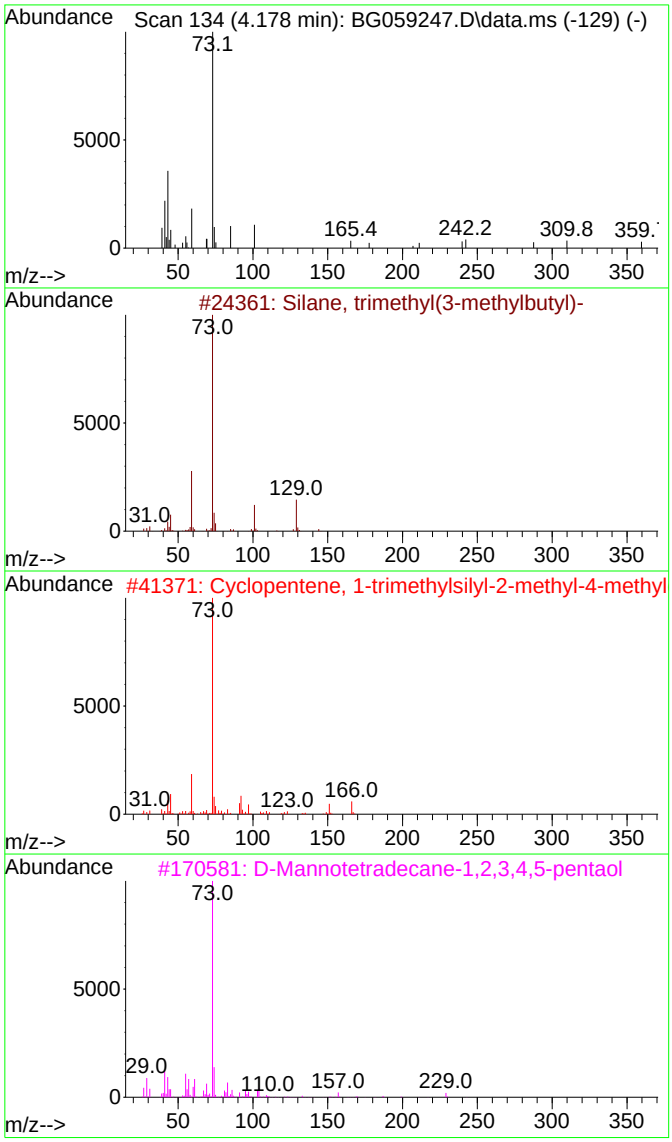
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

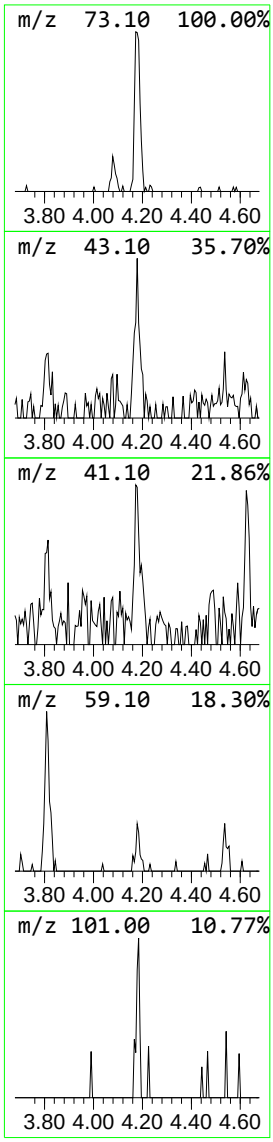
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.178	2.15 ng/ul	29043	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl(3-methylbutyl)-	144	C8H20Si	018291-15-1	9
2	Cyclopentene, 1-trimethylsilyl-2...	166	C10H18Si	1000152-36-7	9
3	D-Mannotetradecane-1,2,3,4,5-pen...	278	C14H30O5	188436-16-0	9
4	(SR)- or (RS)-4-methyl-2,3-penta...	118	C6H14O2	006702-10-9	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059247.D
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Operator : MA/JU
Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

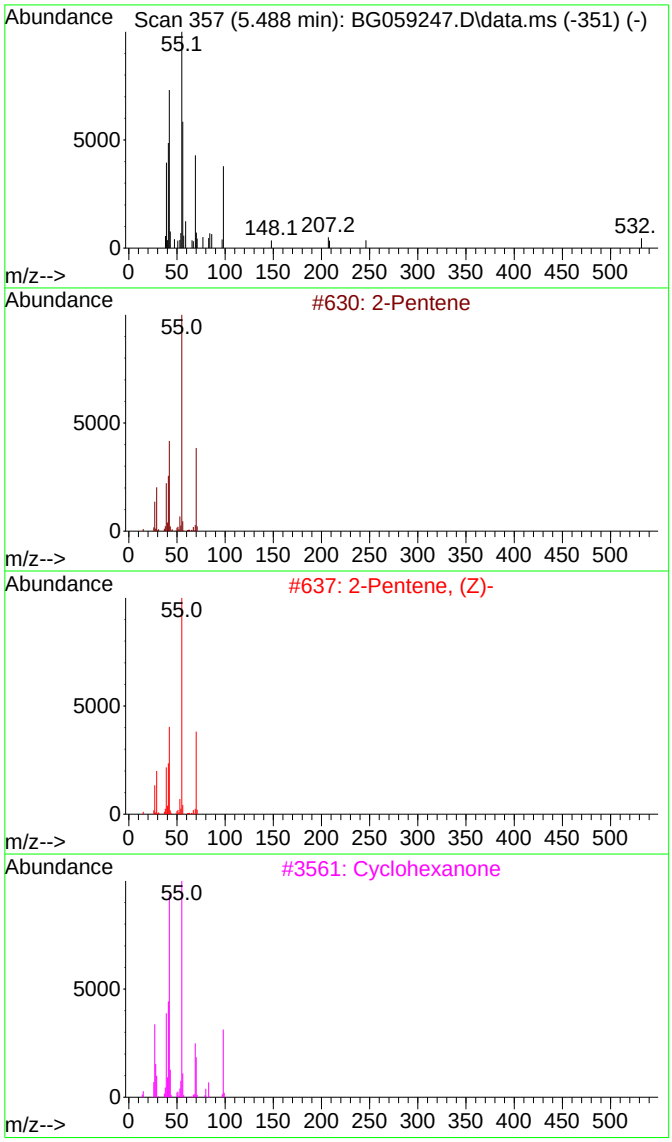
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

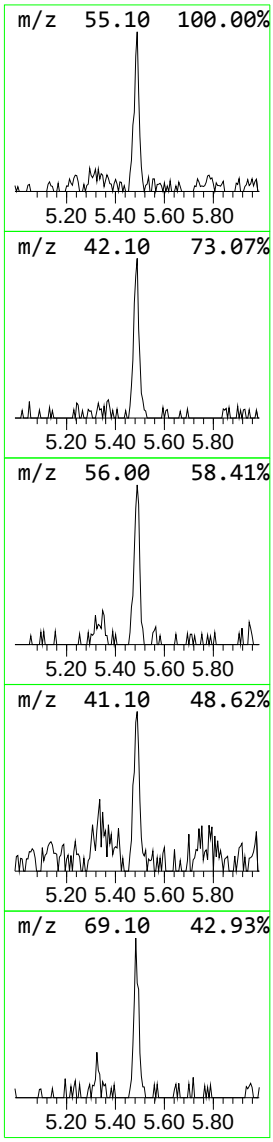
****

Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.488	3.36 ng/ul	45332	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	43
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	43
3	Cyclohexanone	98	C6H10O	000108-94-1	43
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	38
5	Cyclohexanone	98	C6H10O	000108-94-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
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Instrument :
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ClientSampleId :
SBLK829

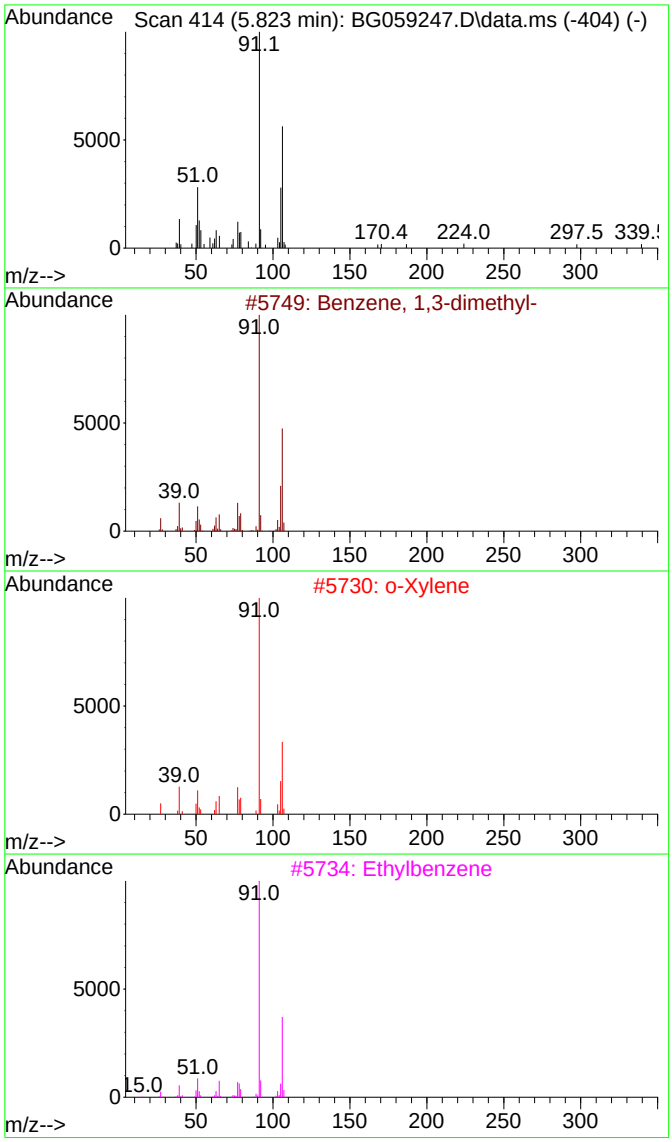
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

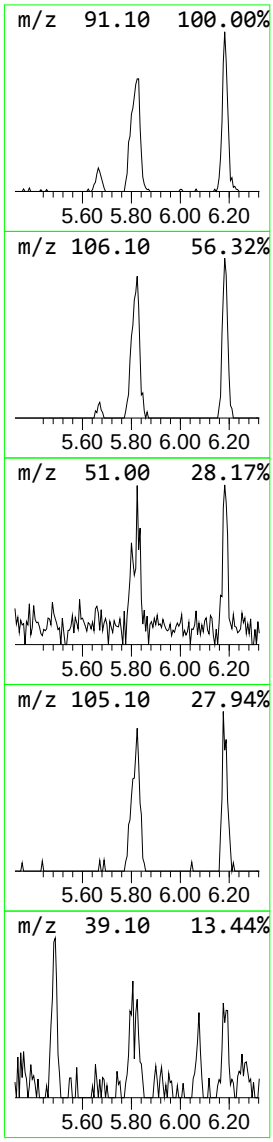
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.823	6.59 ng/ul	88888	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
2	o-Xylene	106	C8H10	000095-47-6	87
3	Ethylbenzene	106	C8H10	000100-41-4	81
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
5	p-Xylene	106	C8H10	000106-42-3	81





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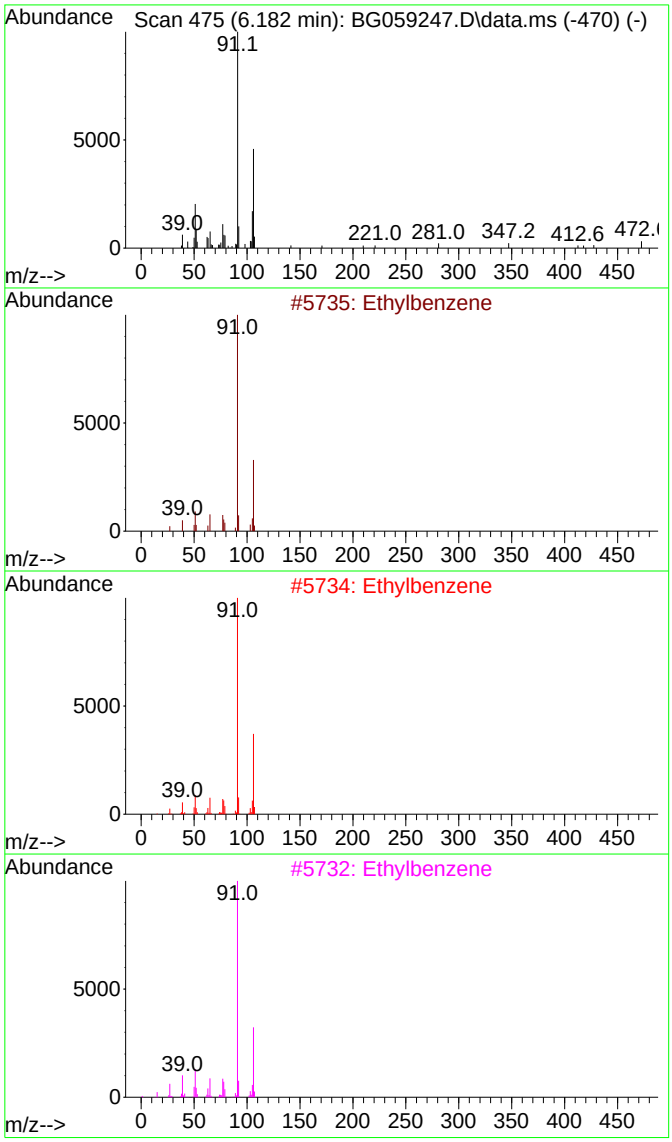
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

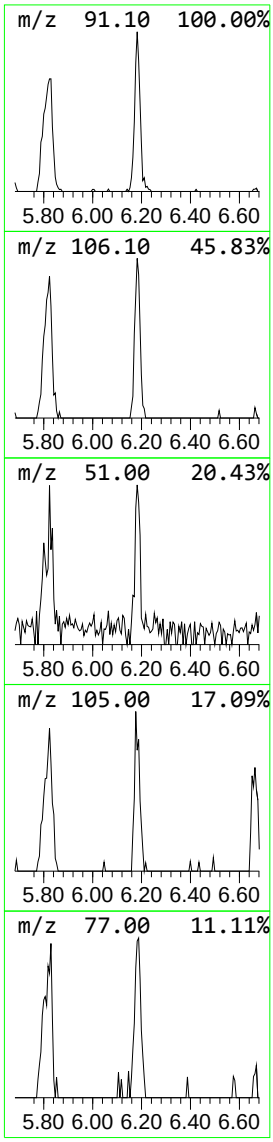
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.182	4.46 ng/ul	60156	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	93
2	Ethylbenzene	106	C8H10	000100-41-4	87
3	Ethylbenzene	106	C8H10	000100-41-4	87
4	Ethylbenzene	106	C8H10	000100-41-4	72
5	o-Xylene	106	C8H10	000095-47-6	70





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Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

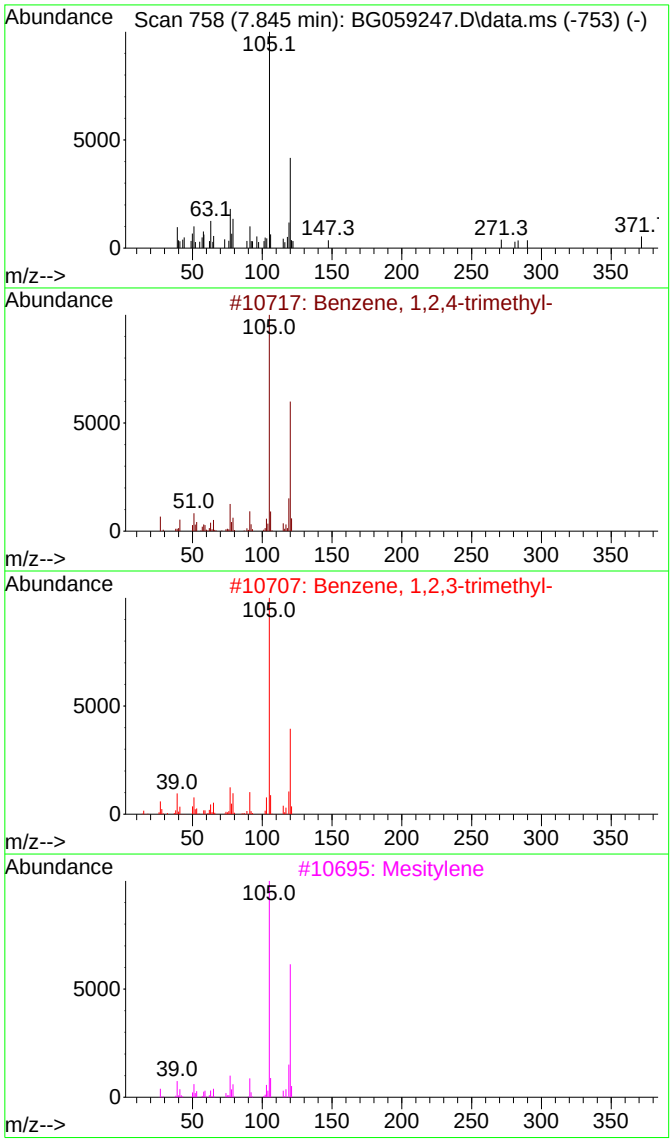
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

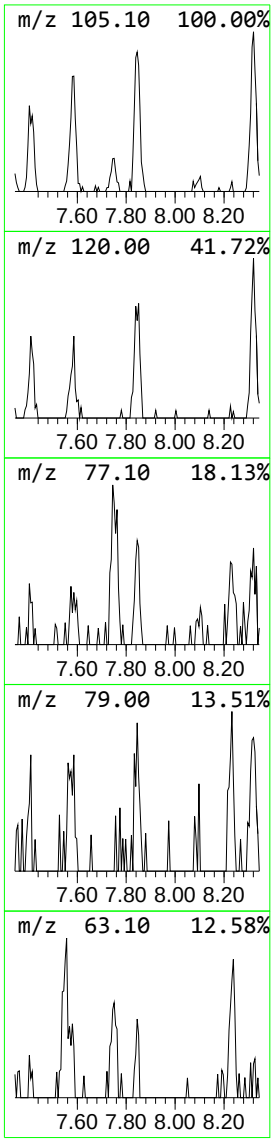
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	2.23 ng/ul	30098	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	62
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
3	Mesitylene	120	C9H12	000108-67-8	58
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
5	Mesitylene	120	C9H12	000108-67-8	58





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Data File : BG059247.D
Acq On : 28 Sep 2023 23:47
Operator : MA/JU
Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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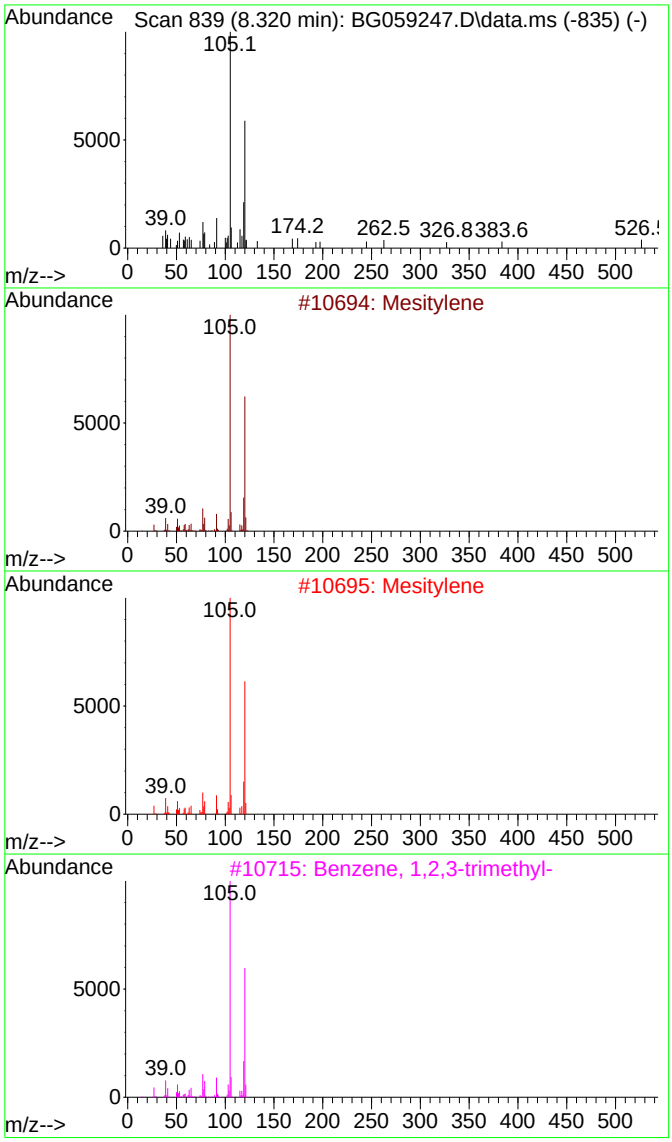
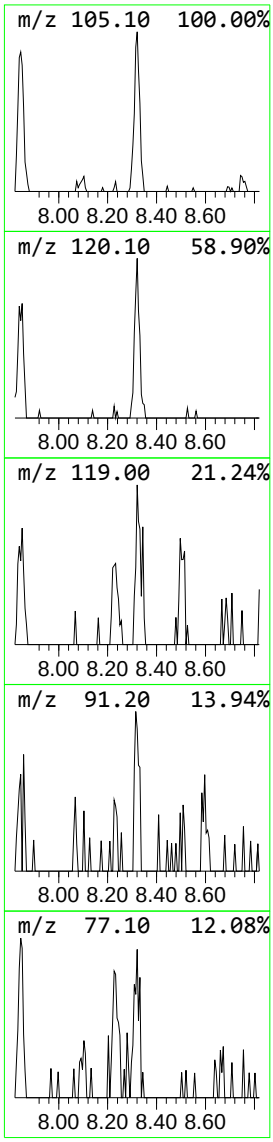
Peak Number 6 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.320	2.75 ng/ul	37083	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	81
2	Mesitylene	120	C9H12	000108-67-8	81
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	74
5	Mesitylene	120	C9H12	000108-67-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059247.D
Acq On : 28 Sep 2023 23:47
Operator : MA/JU
Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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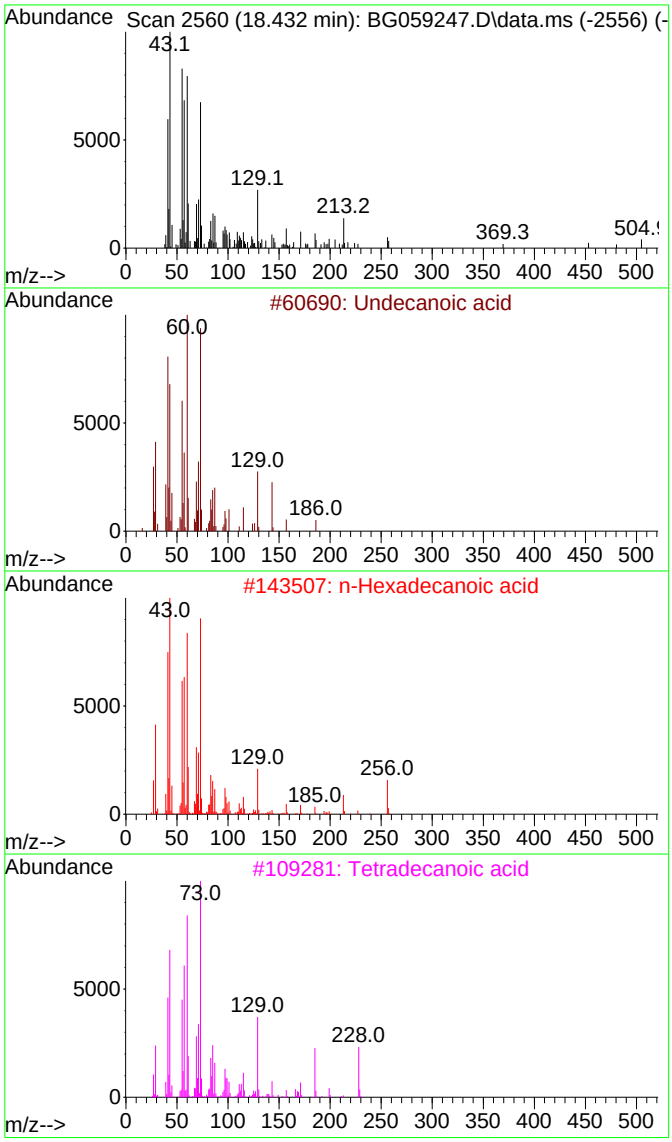
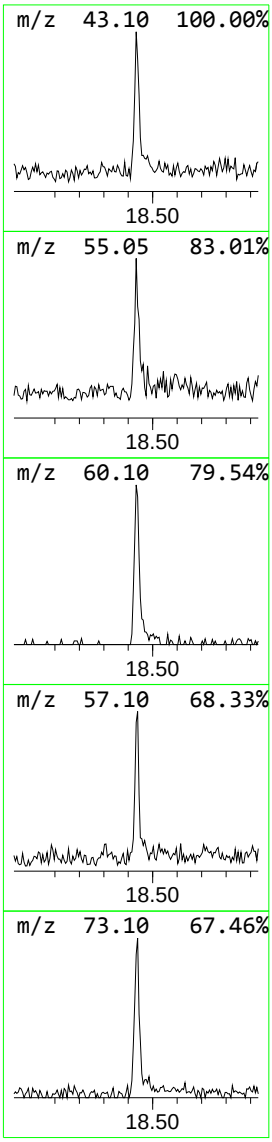
Peak Number 7 Undecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.432	4.11 ng/ul	139143	Phenanthrene-d10	17.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059247.D
Acq On : 28 Sep 2023 23:47
Operator : MA/JU
Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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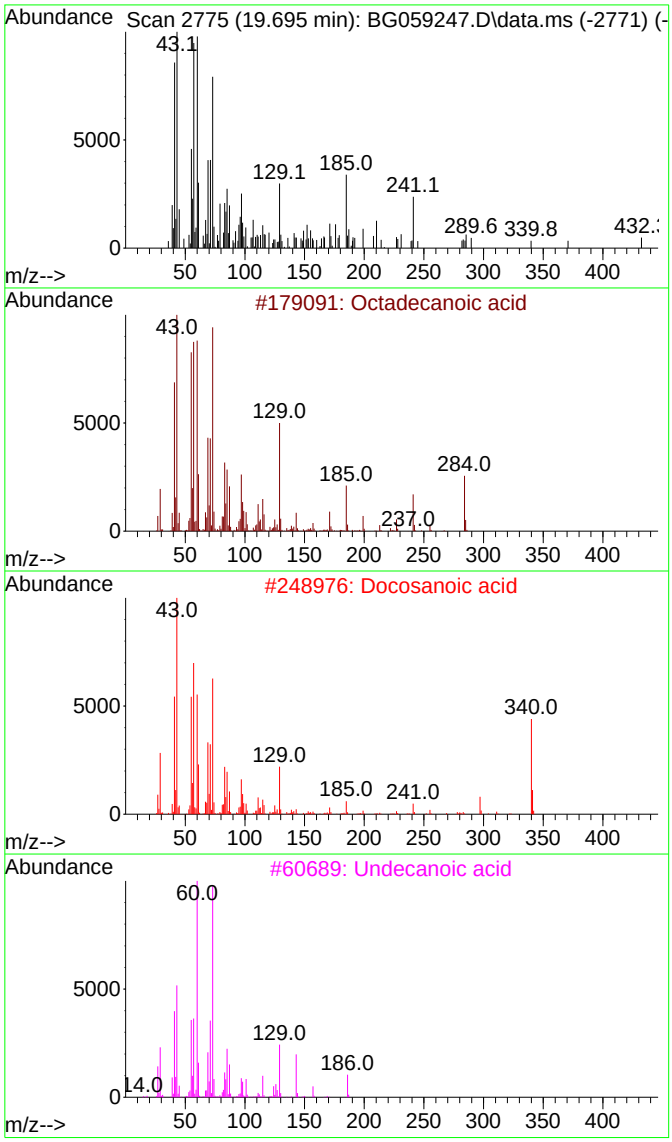
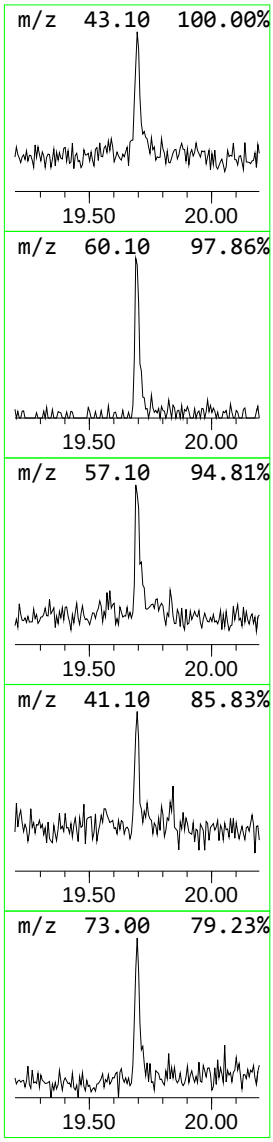
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.695	2.42 ng/ul	81876	Phenanthrene-d10	17.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	68
2	Docosanoic acid	340	C22H44O2	000112-85-6	60
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59
5	Octadecanoic acid	284	C18H36O2	000057-11-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059247.D
Acq On : 28 Sep 2023 23:47
Operator : MA/JU
Sample : 04480-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK829

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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	4.178	2.1	ng/ul	29043	1	8.232	269942	20.0
unknown-02	5.488	3.4	ng/ul	45332	1	8.232	269942	20.0
Benzene, 1,3-di...	5.823	6.6	ng/ul	88888	1	8.232	269942	20.0
Ethylbenzene	6.182	4.5	ng/ul	60156	1	8.232	269942	20.0
Benzene, 1,2,4-...	7.845	2.2	ng/ul	30098	1	8.232	269942	20.0
Mesitylene	8.320	2.8	ng/ul	37083	1	8.232	269942	20.0
Undecanoic acid	18.432	4.1	ng/ul	139143	4	17.615	676509	20.0
Octadecanoic acid	19.695	2.4	ng/ul	81876	4	17.615	676509	20.0