LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058943.D
Acq On : 9 Sep 2023 9:25
Operator : MA/JU
Sample : 04230-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH496

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-BG090823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058943.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.076	95	100	108	rBV	55515	101148	0.29%	0.173%
2	7.431	665	671	679	rBV	70191	133642	0.39%	0.228%
3	7.648	702	708	719	rVB	246853	423932	1.23%	0.723%
4	7.842	733	741	748	rBV	235904	402916	1.17%	0.687%
5	8.330	816	824	832	rVB2	185327	324373	0.94%	0.553%
6	9.006	932	939	948	rVB2	201313	373328	1.08%	0.637%
7	9.523	1020	1027	1037	rBV	313613	563443	1.63%	0.961%
8	10.239	1143	1149	1156	rBV2	252992	454747	1.32%	0.776%
9	10.768	1229	1239	1247	rBV	431040	775928	2.24%	1.323%
10	11.174	1301	1308	1317	rVB	270320	491670	1.42%	0.839%
11	11.315	1323	1332	1341	rBV	352084	643632	1.86%	1.098%
12	13.794	1748	1754	1759	rVB2	33323	56048	0.16%	0.096%
13	14.352	1841	1849	1856	rVB	1032092	1514283	4.38%	2.583%
14	14.658	1894	1901	1909	rVB	1042987	1636459	4.73%	2.791%
15	14.952	1939	1951	1958	rBV2	507639	852169	2.47%	1.453%
16	15.110	1973	1978	1984	rVB	77859	118583	0.34%	0.202%
17	15.944	2113	2120	2126	rVB	1476417	2197372	6.36%	3.748%
18	16.038	2130	2136	2144	rVB	338739	498115	1.44%	0.850%
19	17.572	2378	2397	2400	rBV	11203449	34564320	100.00%	58.950%
20	17.707	2413	2420	2426	rVB	720884	1119757	3.24%	1.910%
21	17.807	2429	2437	2444	rVV	1546662	2444846	7.07%	4.170%
22	17.872	2444	2448	2455	rVB5	22321	39505	0.11%	0.067%
23	18.530	2557	2560	2566	rVB3	44475	59594	0.17%	0.102%
24	18.677	2580	2585	2590	rVB	40583	59410	0.17%	0.101%
25	19.517	2723	2728	2733	rVB2	148993	180496	0.52%	0.308%
26	19.640	2745	2749	2754	rVB4	24206	39880	0.12%	0.068%
27	19.705	2754	2760	2767	rBV2	29196	49782	0.14%	0.085%
28	20.075	2816	2823	2830	rBV	1881690	2645121	7.65%	4.511%
29	21.591	3077	3081	3086	rBV7	35389	59385	0.17%	0.101%
30	22.031	3148	3156	3165	rBV2	661804	1202944	3.48%	2.052%
31	22.131	3167	3173	3178	rVB	163311	265603	0.77%	0.453%
32	25.357	3709	3722	3735	rBV2	939029	2862186	8.28%	4.882%
33	25.598	3753	3763	3777	rVB2	392262	1256443	3.64%	2.143%
34	26.150	3849	3857	3868	rVB4	73942	222223	0.64%	0.379%

Sum of corrected areas: 58633283

Instrument :
BNA_G
ClientSampleId :
BH496

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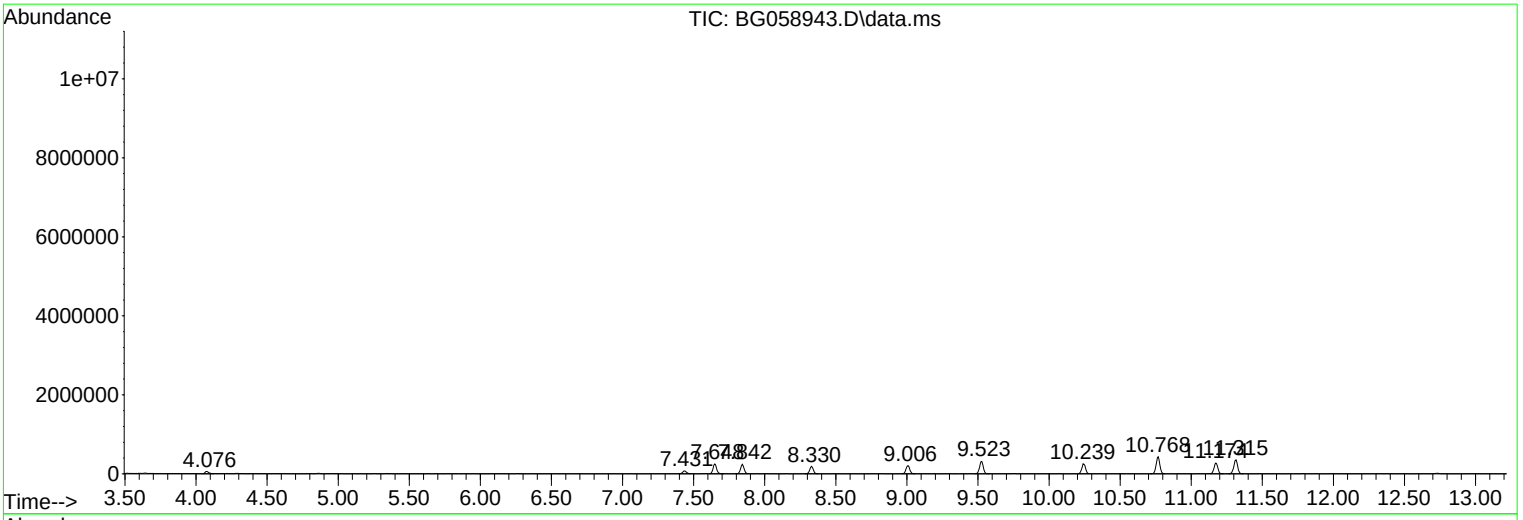
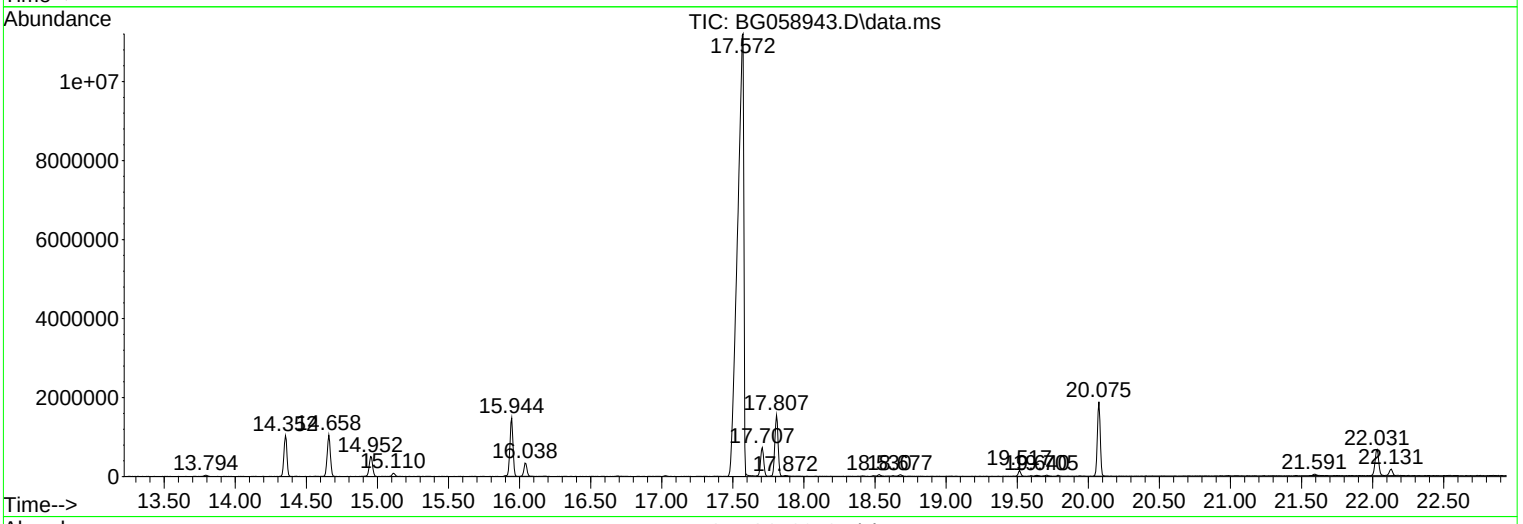
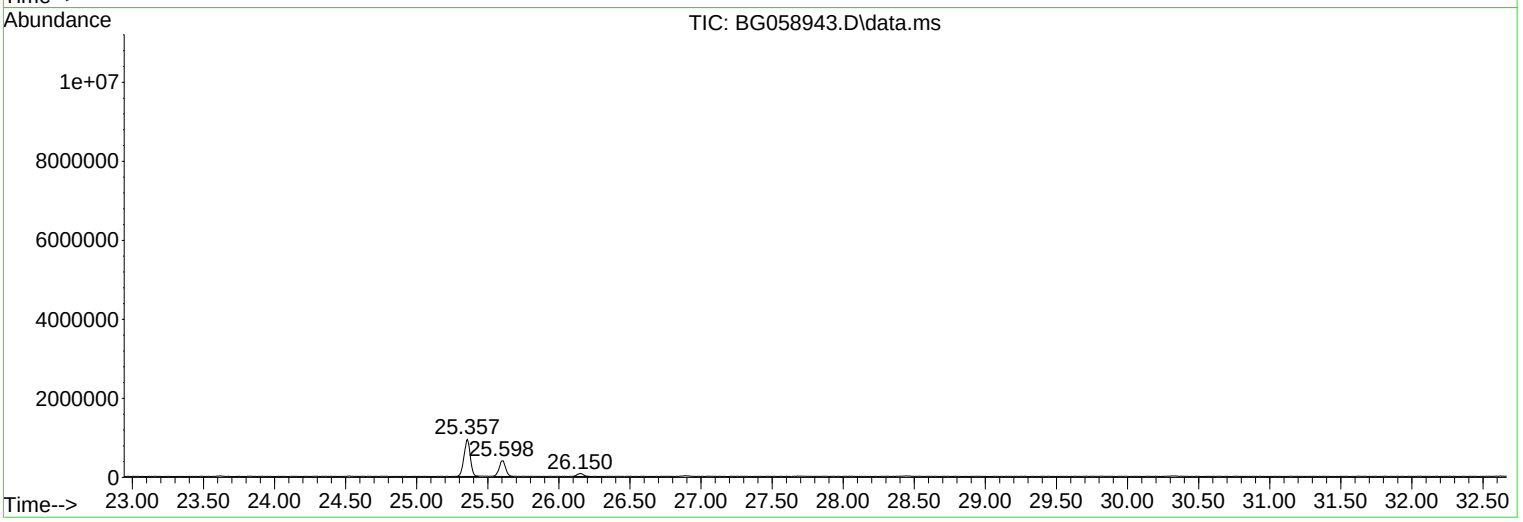
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION

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







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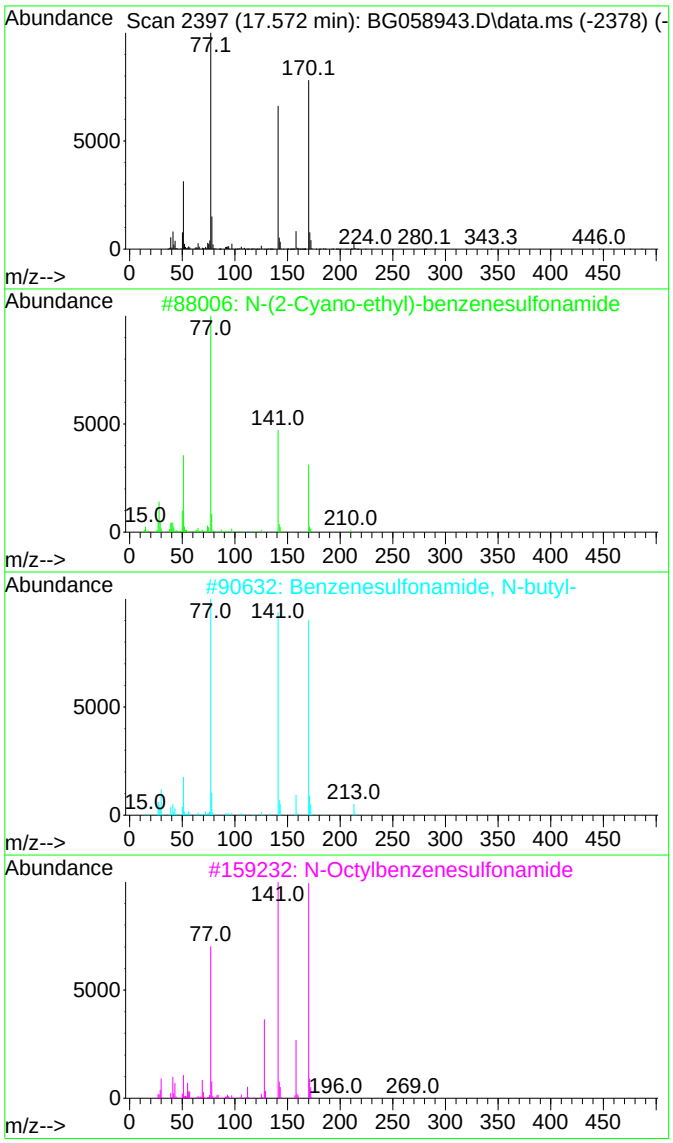
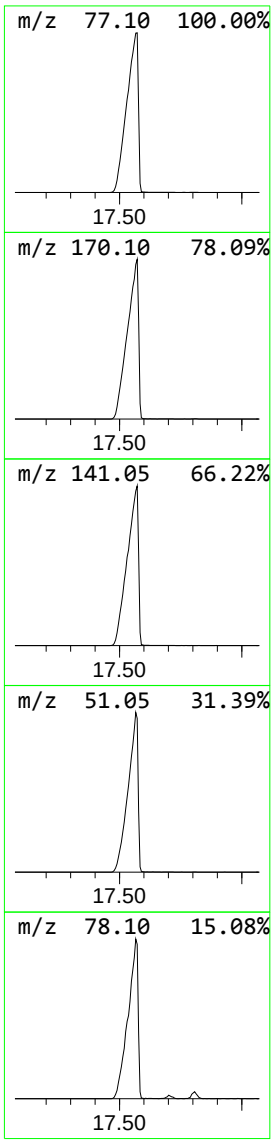
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 N-(2-Cyano-ethyl)-benzenesu... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.572	617.35 ng/ul	34564300	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	83
2	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	76
3	N-Octylbenzenesulfonamide	269	C14H23NO2S	016358-32-0	74
4	[(Phenylsulfonyl)amino]acetic acid	215	C8H9NO4S	005398-96-9	62
5	Bensulide	397	C14H24NO4PS3	000741-58-2	56





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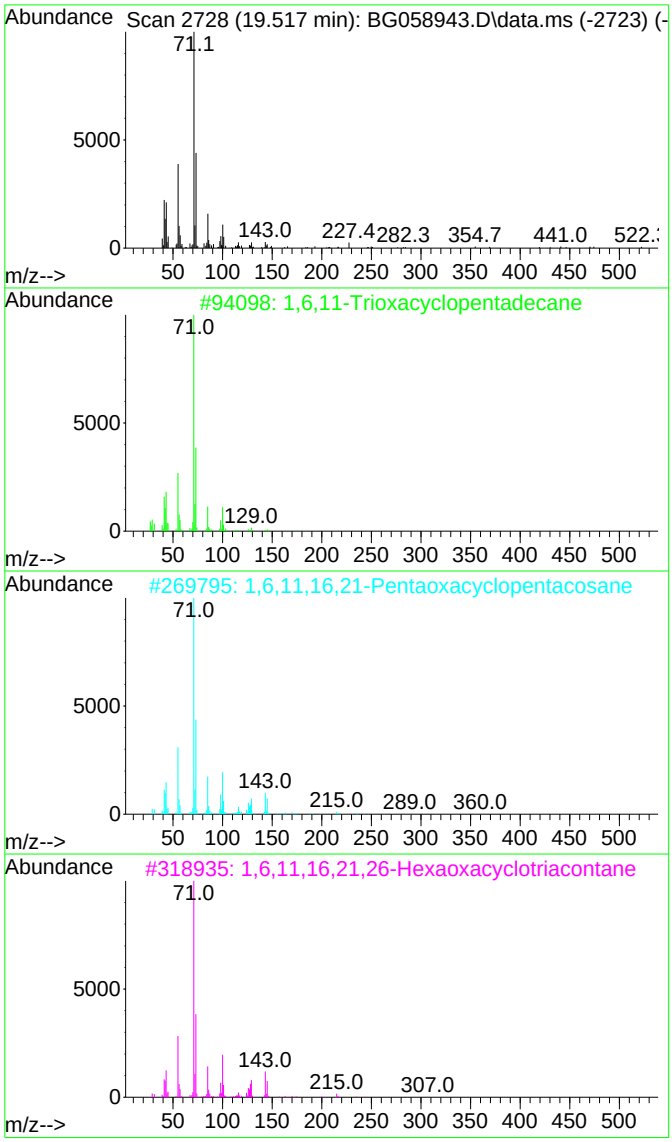
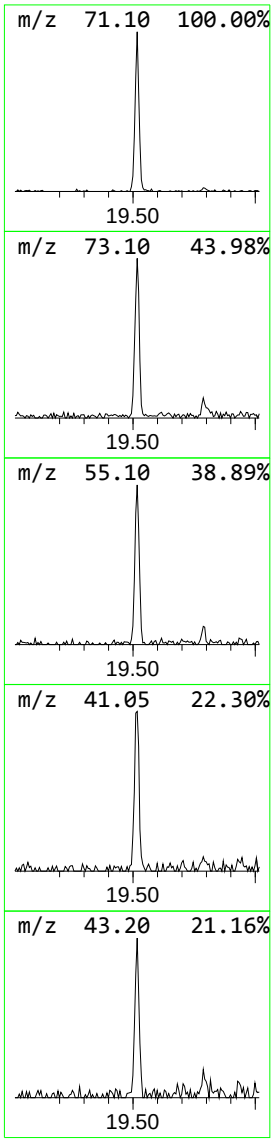
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,6,11-Trioxacyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.517	3.22 ng/ul	180496	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86
2	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	78
3	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	72
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64





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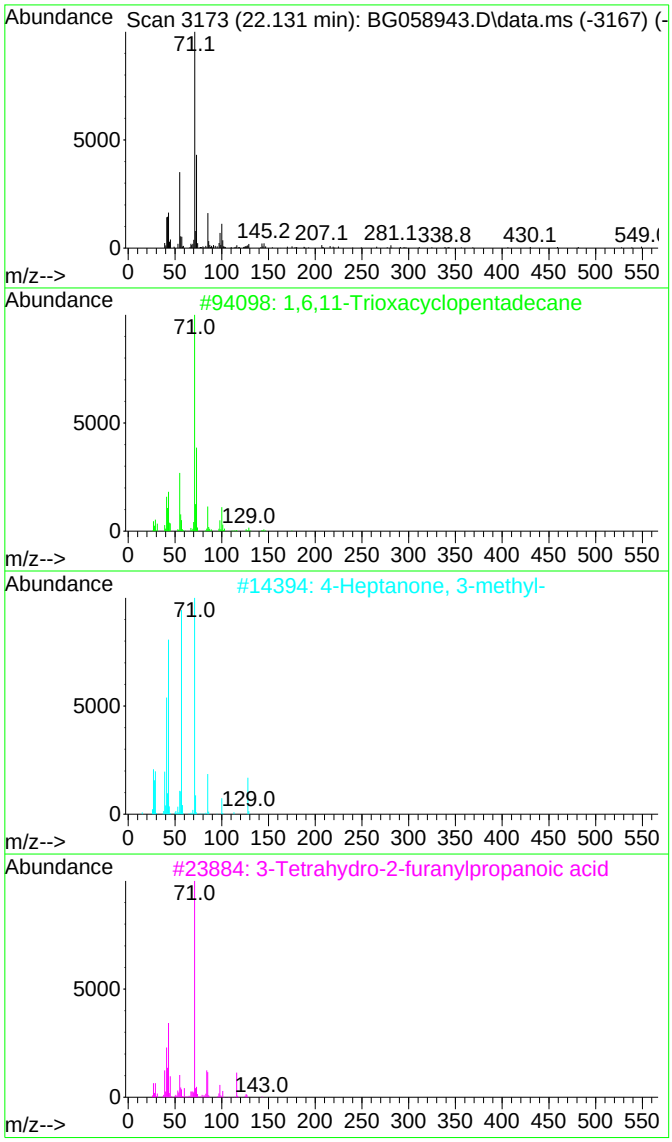
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION

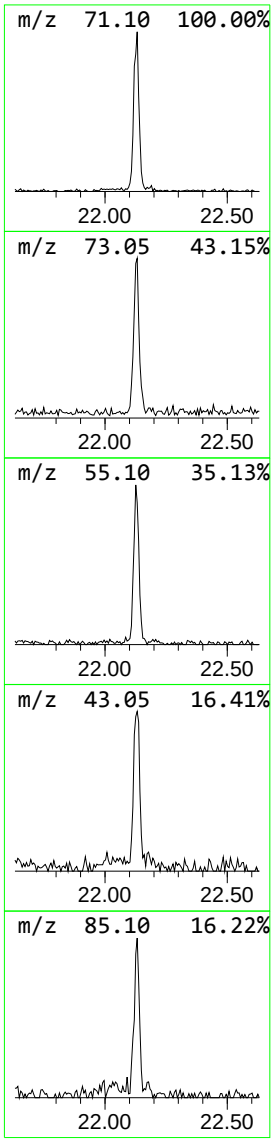
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Heptanone, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.131	4.42 ng/ul	265603	Chrysene-d12	22.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	72
2	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64
3	3-Tetrahydro-2-furanylpropanoic ...	144	C7H12O3	000935-12-6	59
4	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	56
5	Succinic acid, 2,2-dichloroethyl...	298	C11H16Cl2O5	1000390-71-6	53





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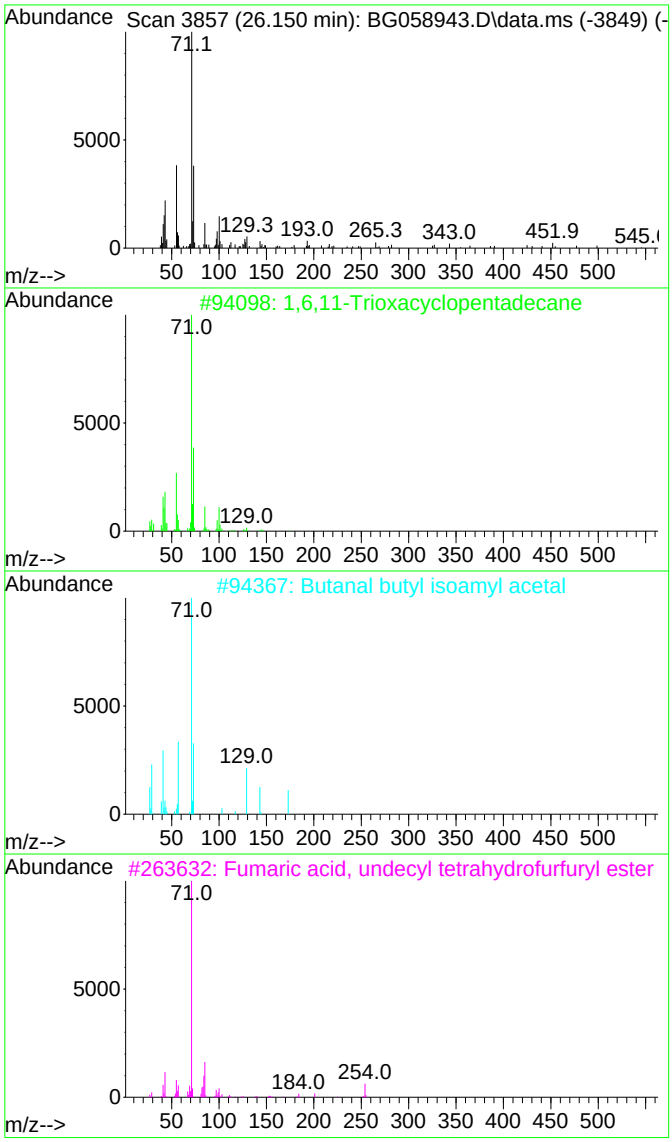
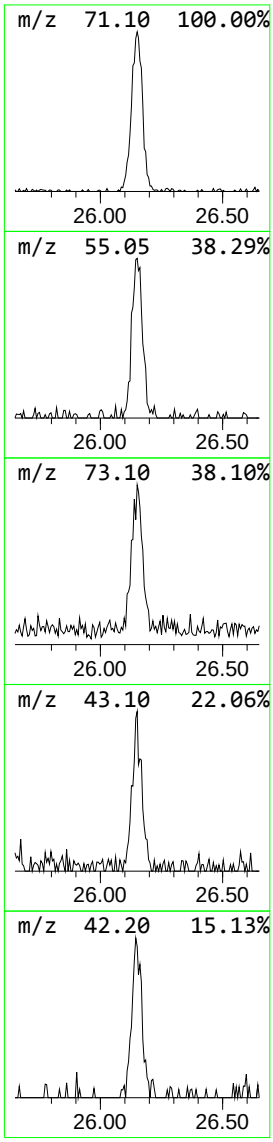
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butanal butyl isoamyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.150	3.54 ng/ul	222223	Perylene-d12	25.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86
2	Butanal butyl isoamyl acetal	216	C13H28O2	1000431-60-8	59
3	Fumaric acid, undecyl tetrahydro...	354	C20H34O5	1000330-58-5	53
4	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	50
5	Dimethylmalonic acid, 4-acetylph...	404	C24H36O5	1000363-70-5	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
N-(2-Cyano-ethy...	17.572	617.4	ng/ul	34564300	4	17.707	1119760	20.0
1,6,11-Trioxacy...	19.517	3.2	ng/ul	180496	4	17.707	1119760	20.0
4-Heptanone, 3-...	22.131	4.4	ng/ul	265603	5	22.032	1202940	20.0
Butanal butyl i...	26.150	3.5	ng/ul	222223	6	25.610	1256440	20.0