LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058661.D
Acq On : 9 Aug 2023 16:35
Operator : MA/JU
Sample : 03931-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAYTON-SOIL1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058661.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.909	305	310	317	rBV2	19764	31460	1.43%	0.286%
2	5.385	384	391	401	rBV	537458	848532	38.44%	7.720%
3	6.983	656	663	675	rBV	521533	915211	41.46%	8.326%
4	7.812	798	804	811	rBV	145145	239317	10.84%	2.177%
5	8.975	994	1002	1019	rBV	278357	530126	24.01%	4.823%
6	10.614	1272	1281	1296	rBV	182175	364270	16.50%	3.314%
7	13.076	1693	1700	1723	rBV	786736	1292523	58.55%	11.759%
8	14.457	1928	1935	1946	rBV	338110	561999	25.46%	5.113%
9	15.949	2183	2189	2206	rBV	662908	1150486	52.12%	10.467%
10	17.207	2396	2403	2416	rBV	456297	766397	34.72%	6.972%
11	18.100	2549	2555	2563	rBV3	19287	42446	1.92%	0.386%
12	19.821	2842	2848	2858	rBV	1651822	2207521	100.00%	20.083%
13	21.102	3061	3066	3079	rBV2	54381	157452	7.13%	1.432%
14	21.449	3118	3125	3140	rBV2	464665	821330	37.21%	7.472%
15	21.619	3150	3154	3159	rVB	16182	22454	1.02%	0.204%
16	22.195	3247	3252	3257	rBV3	19432	28890	1.31%	0.263%
17	22.847	3359	3363	3372	rVB5	14496	27704	1.25%	0.252%
18	23.611	3486	3493	3500	rVB	20556	44586	2.02%	0.406%
19	24.522	3637	3648	3672	rBV	276560	900994	40.81%	8.197%
20	25.550	3819	3823	3835	rVB4	14059	38154	1.73%	0.347%

Sum of corrected areas: 10991852

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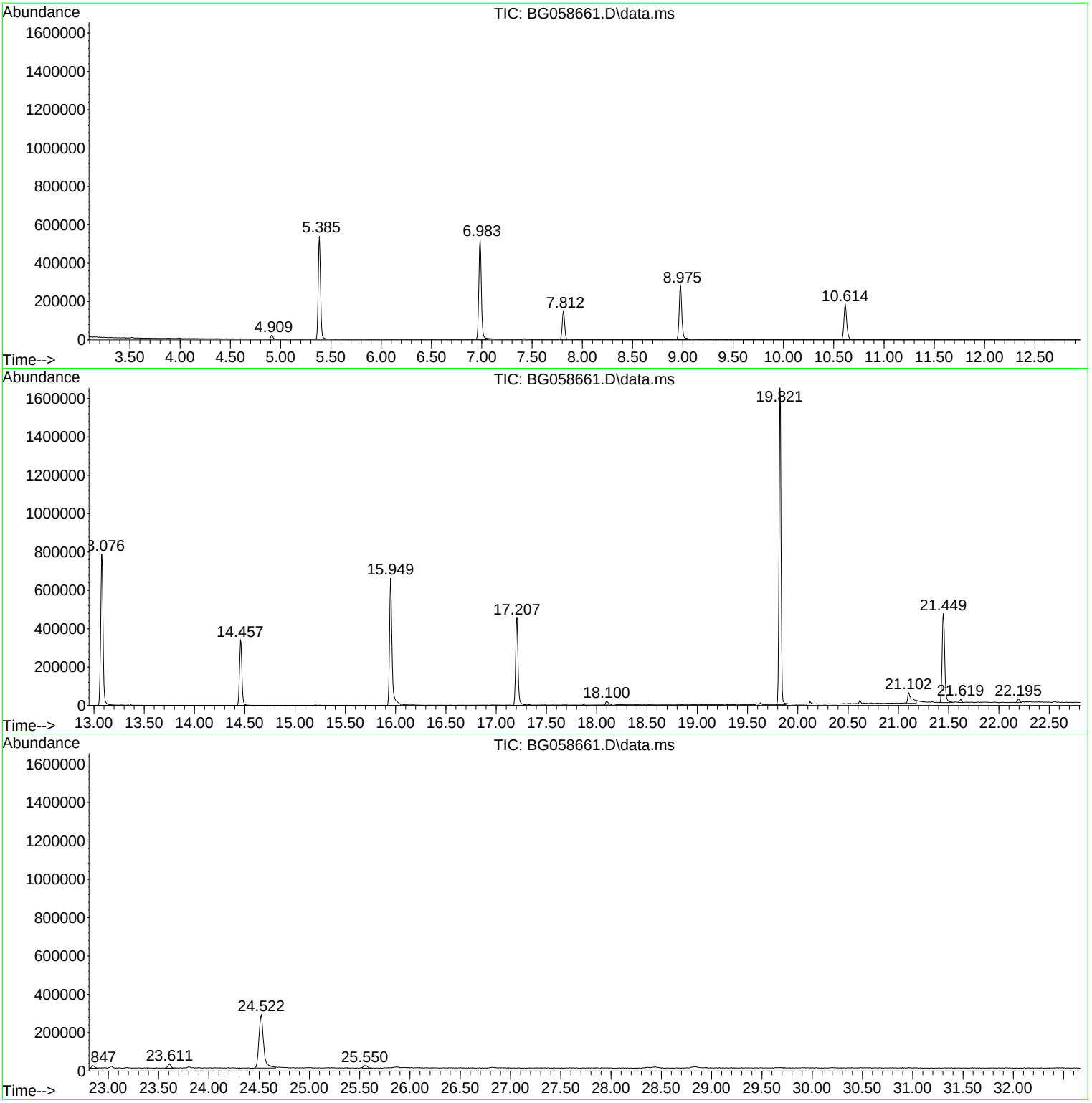
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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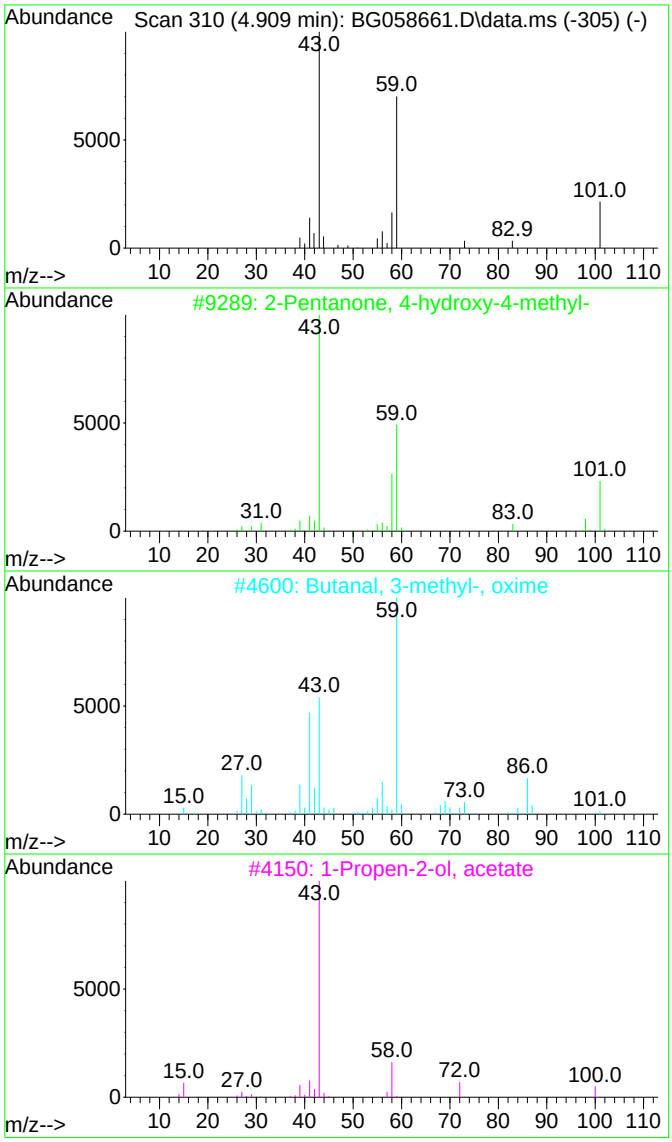
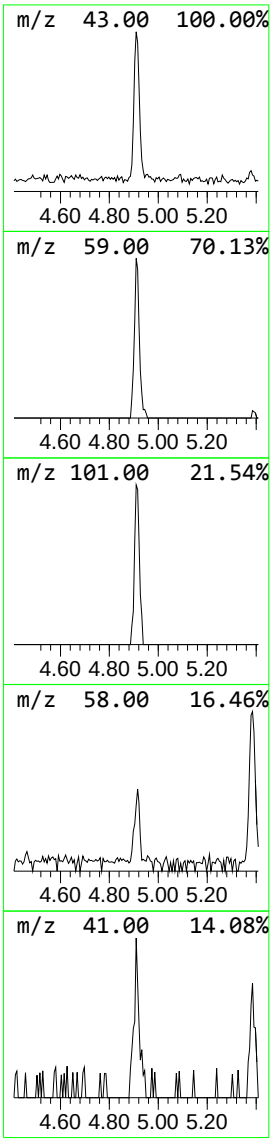
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.909	2.63 ng	31460	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





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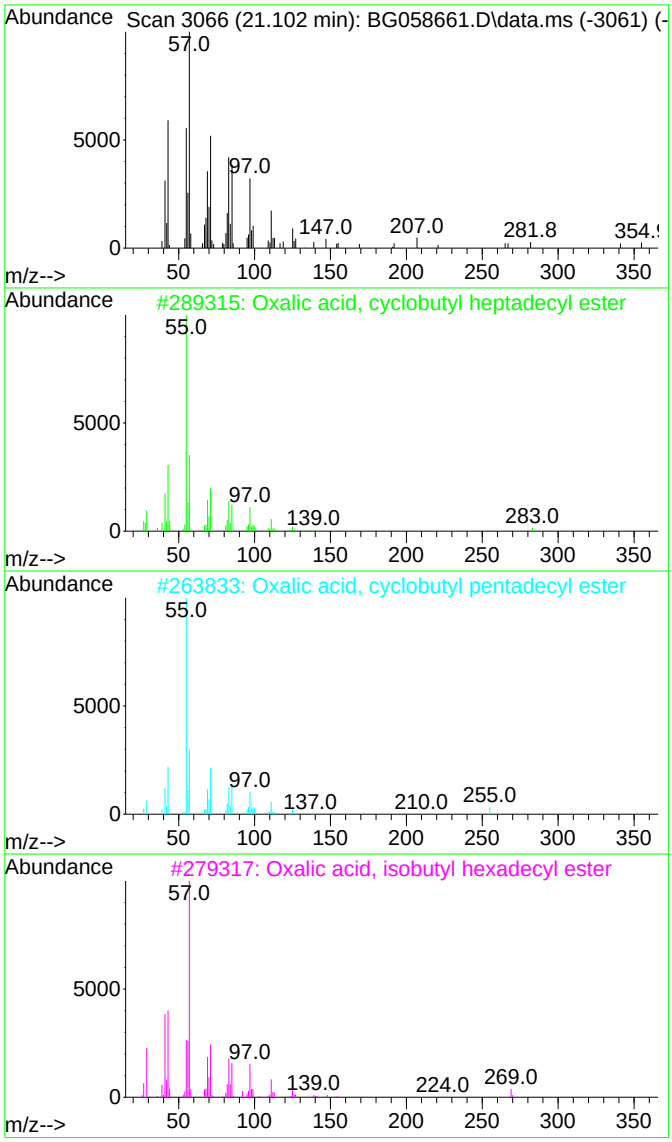
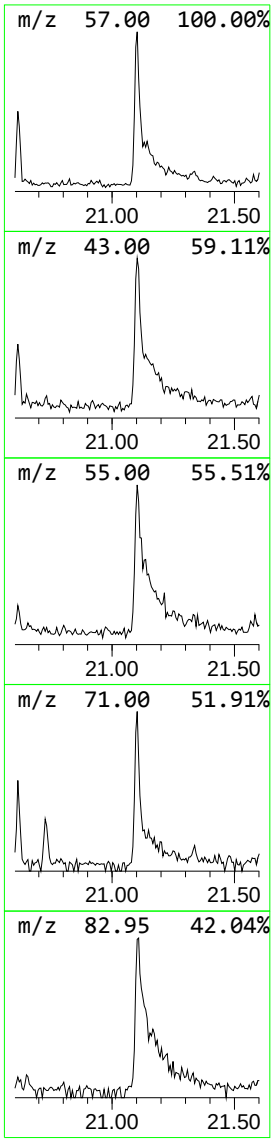
****
Peak Number 2 Oxalic acid, cyclobutyl hep... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.102	3.83 ng	157452	Chrysene-d12	21.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	91
2	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.909	2.6	ng	31460	1	7.812	239317	20.0
Oxalic acid, cy...	21.102	3.8	ng	157452	5	21.449	821330	20.0