LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054930.D
Acq On : 13 Sep 2022 20:26
Operator : CG/JU
Sample : N4578-36
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-9

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054930.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.197	319	325	331	rBV	28150	45683	2.54%	0.510%
2	5.679	400	407	419	rBV	426888	709151	39.39%	7.912%
3	7.295	674	682	695	rBV	420045	748034	41.55%	8.345%
4	8.135	818	825	831	rBV	116796	201661	11.20%	2.250%
5	9.310	1017	1025	1040	rVB	240180	438853	24.37%	4.896%
6	10.714	1258	1264	1280	rBV	23897	55484	3.08%	0.619%
7	10.961	1298	1306	1315	rBV	156059	289097	16.06%	3.225%
8	13.394	1713	1720	1734	rVB	756794	1179065	65.49%	13.154%
9	14.774	1945	1955	1966	rBV	267047	435718	24.20%	4.861%
10	16.261	2201	2208	2229	rBV	585553	994416	55.23%	11.094%
11	17.518	2416	2422	2433	rBV	355570	552272	30.67%	6.161%
12	20.121	2859	2865	2872	rBV	1337247	1800448	100.00%	20.087%
13	20.397	2905	2912	2917	rBV2	15069	28910	1.61%	0.323%
14	20.897	2993	2997	3001	rBV	19432	23672	1.31%	0.264%
15	21.414	3081	3085	3096	rBV2	59295	123665	6.87%	1.380%
16	21.813	3146	3153	3162	rBV	351251	614770	34.15%	6.859%
17	21.972	3177	3180	3185	rVB	27019	33782	1.88%	0.377%
18	22.600	3285	3287	3291	rVB	16798	20312	1.13%	0.227%
19	25.186	3717	3727	3740	rVB2	211492	668391	37.12%	7.457%

Sum of corrected areas: 8963384

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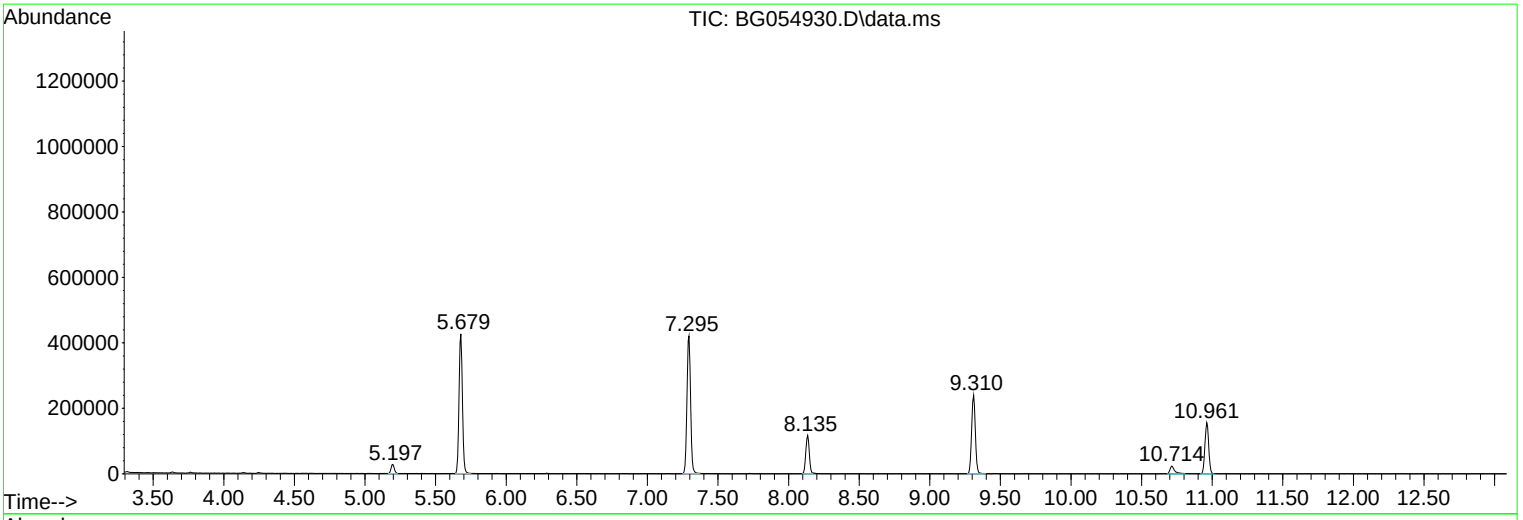
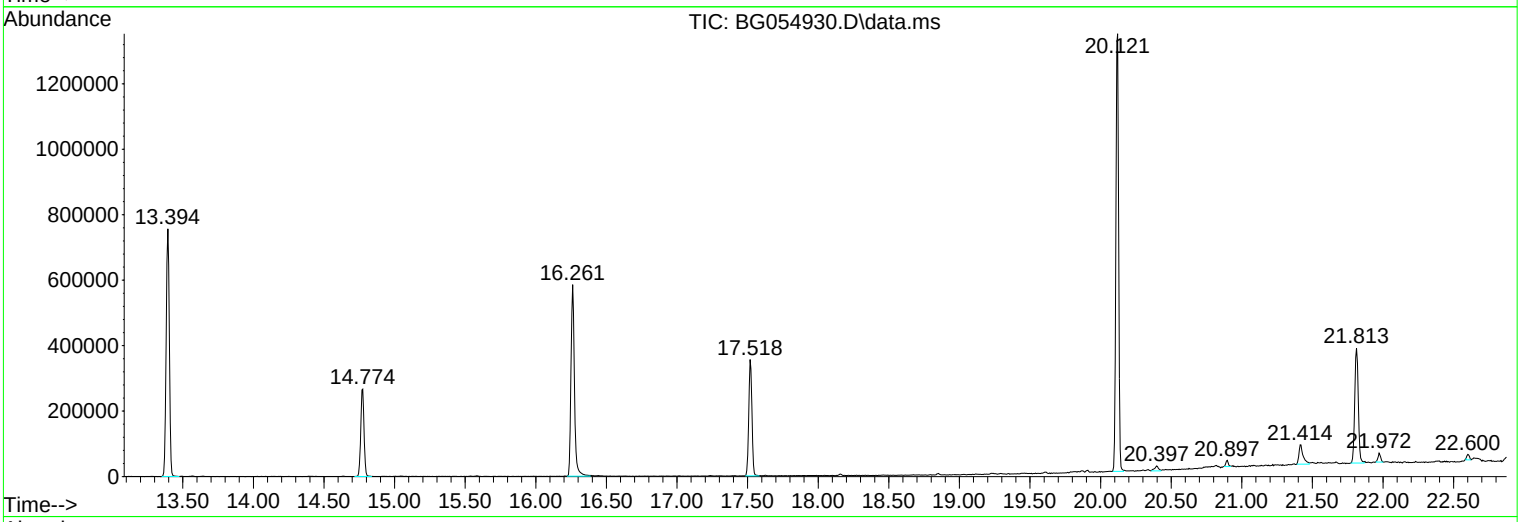
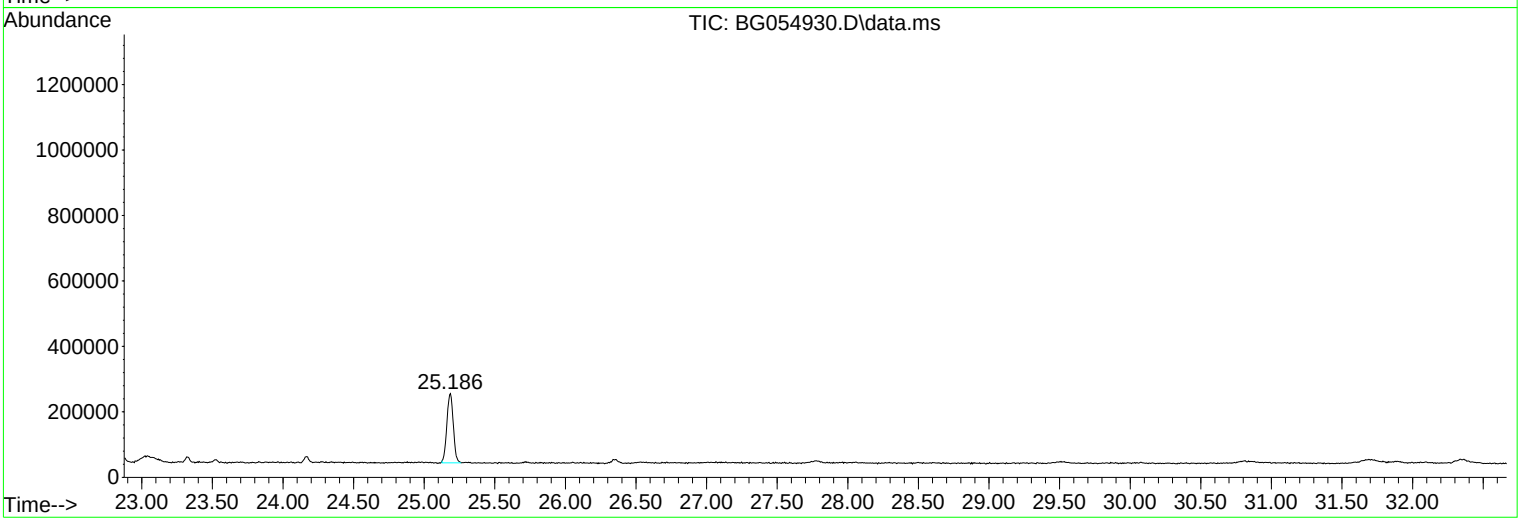
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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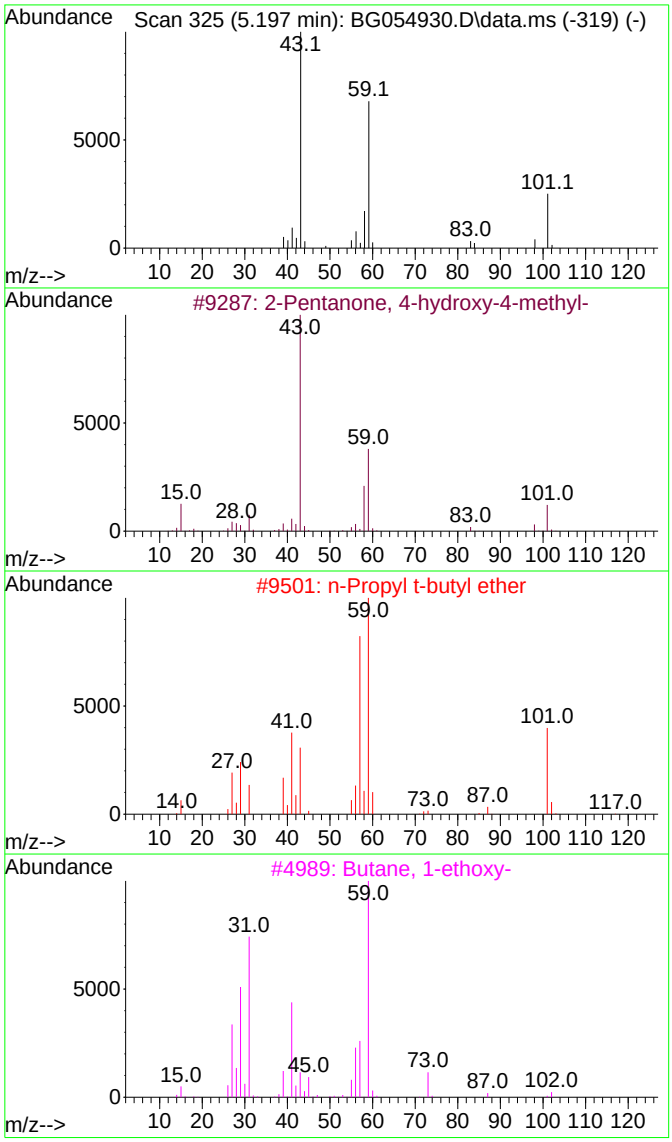
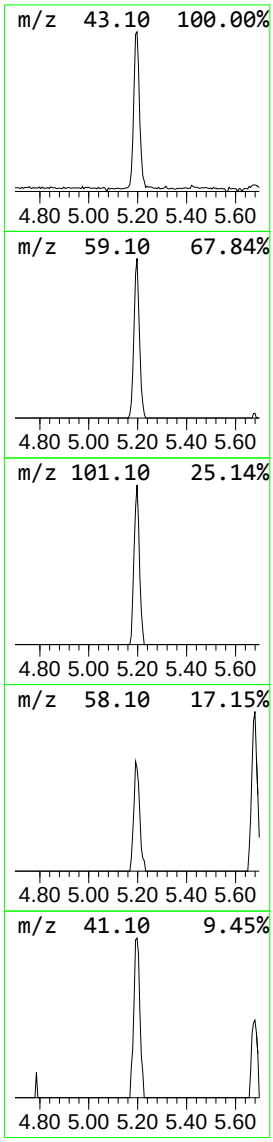
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.197	4.53 ng	45683	1,4-Dichlorobenzene-d4	8.135

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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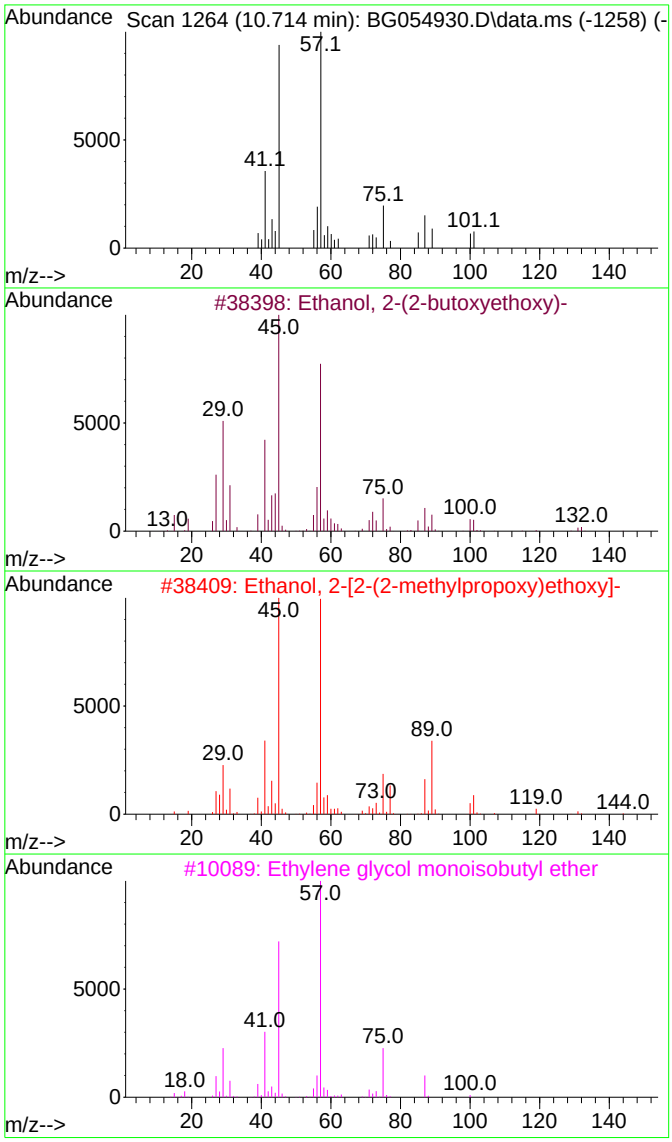
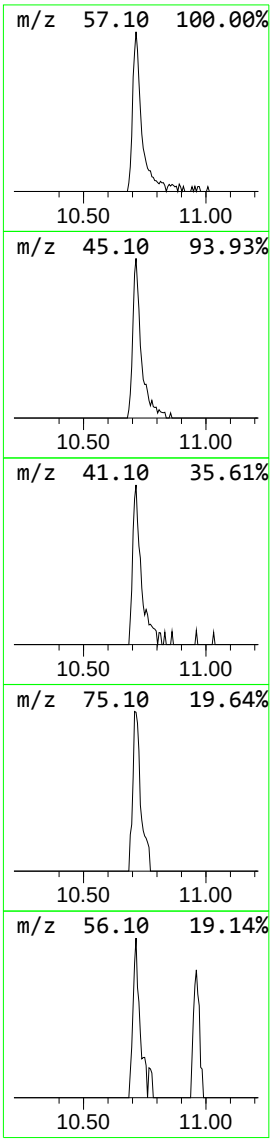
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.714	3.84 ng	55484	Naphthalene-d8	10.961

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47





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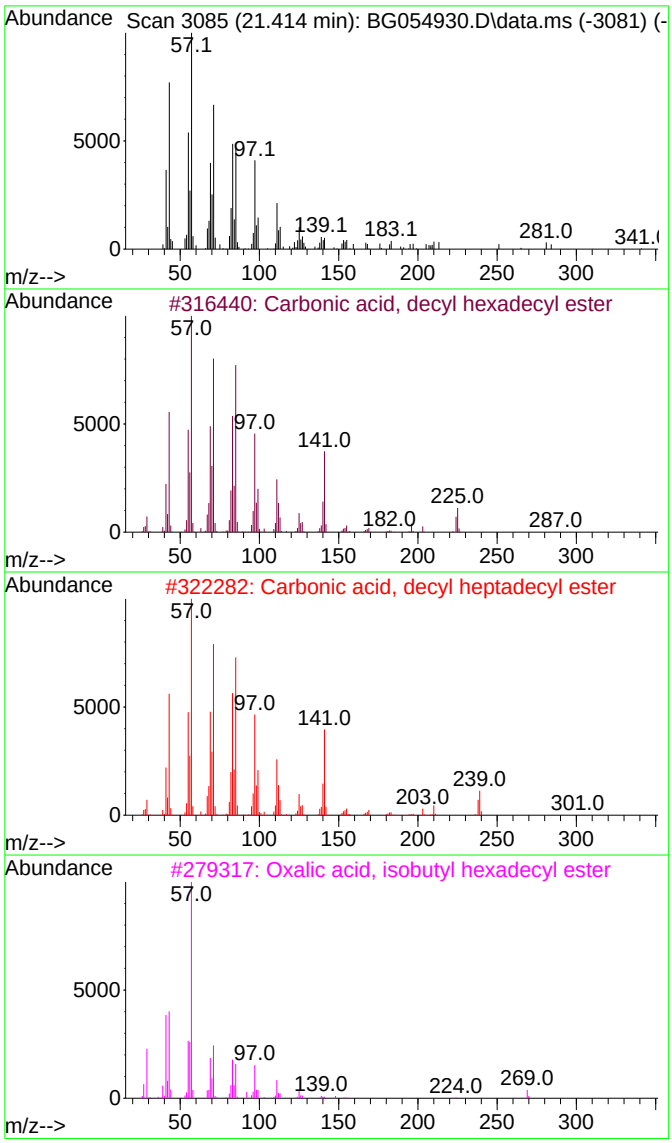
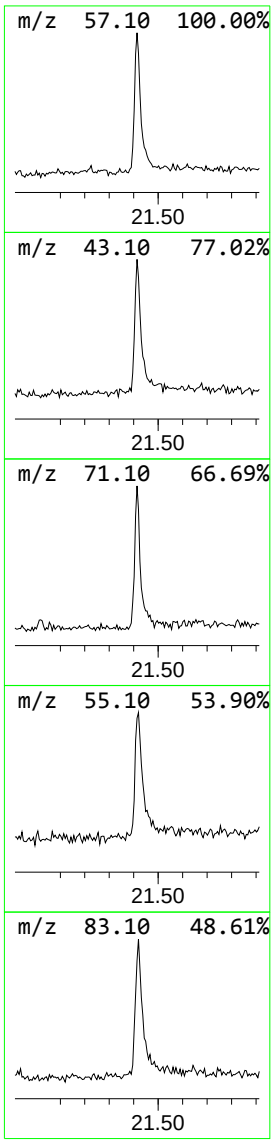
****
Peak Number 3 Carbonic acid, decyl hexade... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.414	4.02 ng	123665	Chrysene-d12	21.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	91
2	Carbonic acid, decyl heptadecyl ...	440	C28H56O3	1000383-16-6	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	91
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91





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-...	5.197	4.5	ng	45683	1	8.135	201661	20.0
Ethanol, 2-(2-b...	10.714	3.8	ng	55484	2	10.961	289097	20.0
Carbonic acid, ...	21.414	4.0	ng	123665	5	21.813	614770	20.0