LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056081.D
Acq On : 23 Dec 2022 16:30
Operator : CG/JU
Sample : N6190-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	9	16	23	rBV	23782	35639	3.57%	1.026%
2	3.933	105	110	118	rBV	13324	18861	1.89%	0.543%
3	5.396	353	359	368	rBV	45050	68442	6.86%	1.971%
4	5.872	432	440	446	rBV	112199	174983	17.54%	5.040%
5	7.488	708	715	722	rBV	110848	189892	19.04%	5.469%
6	8.357	856	863	870	rVB	25908	41606	4.17%	1.198%
7	9.527	1055	1062	1068	rBV	71685	121933	12.23%	3.512%
8	11.189	1338	1345	1352	rBB	32940	57084	5.72%	1.644%
9	13.593	1747	1754	1761	rBV	245943	368404	36.94%	10.610%
10	14.967	1982	1988	1994	rVB	65583	102383	10.27%	2.949%
11	16.442	2232	2239	2246	rBV	374043	550036	55.15%	15.841%
12	17.705	2447	2454	2459	rBV	120372	181751	18.22%	5.234%
13	18.546	2593	2597	2604	rBV	18795	23971	2.40%	0.690%
14	20.279	2886	2892	2898	rBV	793217	997345	100.00%	28.724%
15	21.595	3112	3116	3128	rBV3	22466	44215	4.43%	1.273%
16	22.012	3180	3187	3195	rVB2	137473	242403	24.30%	6.981%
17	25.496	3770	3780	3791	rVB2	85397	253252	25.39%	7.294%

Sum of corrected areas: 3472200

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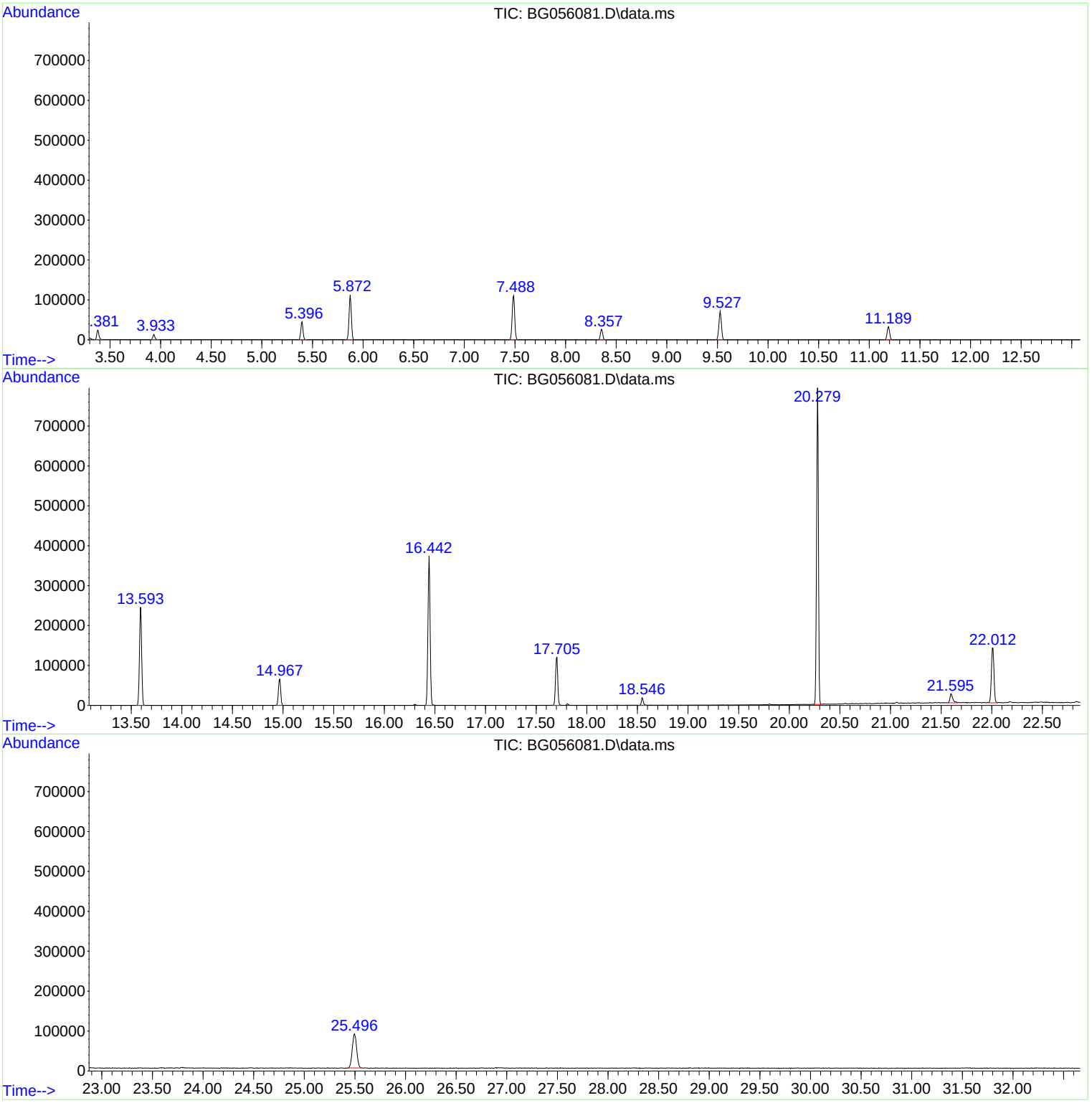
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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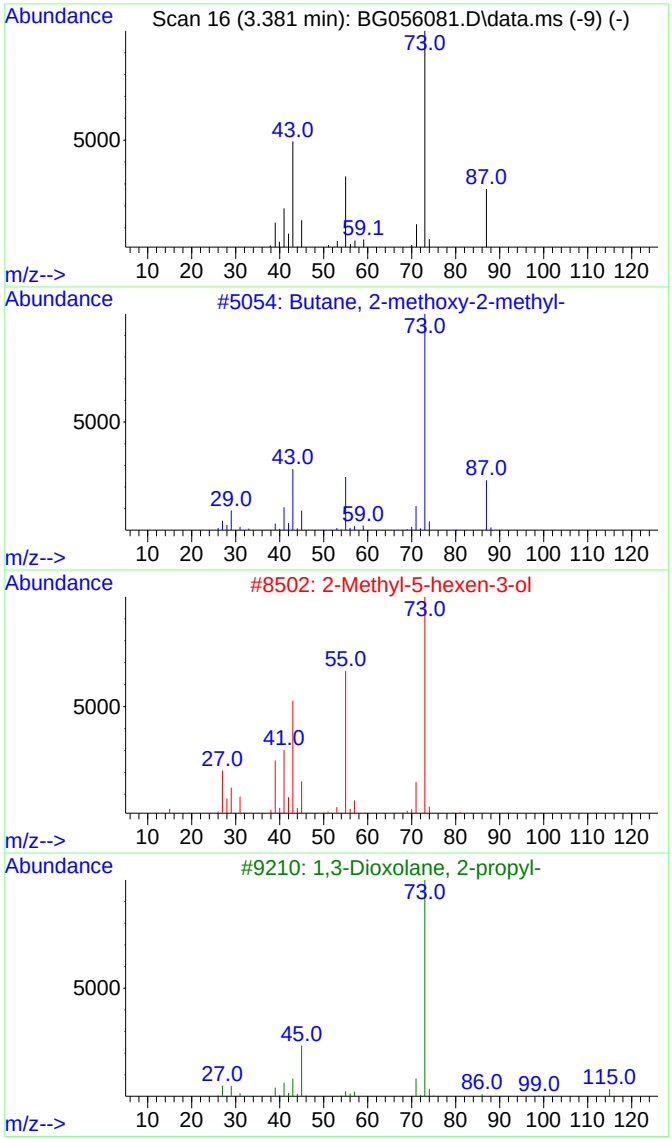
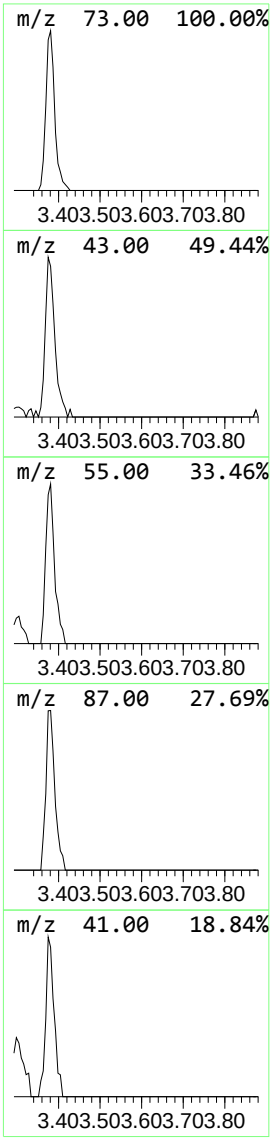
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.381	17.13 ng	35639	1,4-Dichlorobenzene-d4	8.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	5





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TIC Library : C:\Database\NIST20.L
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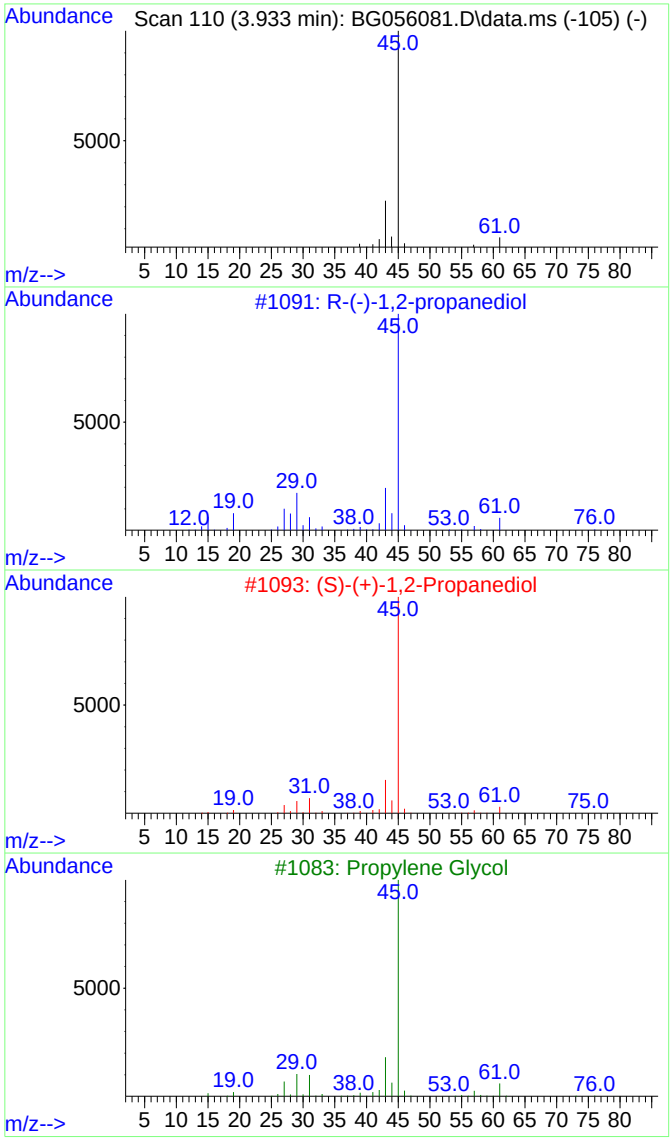
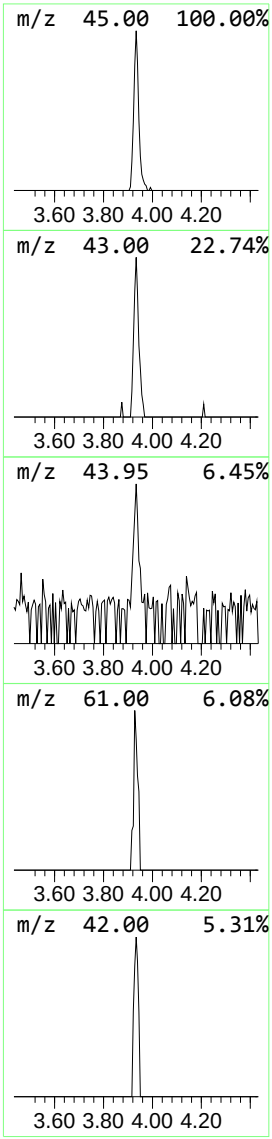
****

Peak Number 2 R-(-)-1,2-propanediol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.933	9.07 ng	18861	1,4-Dichlorobenzene-d4	8.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Formamide	45	CH3NO	000075-12-7	5





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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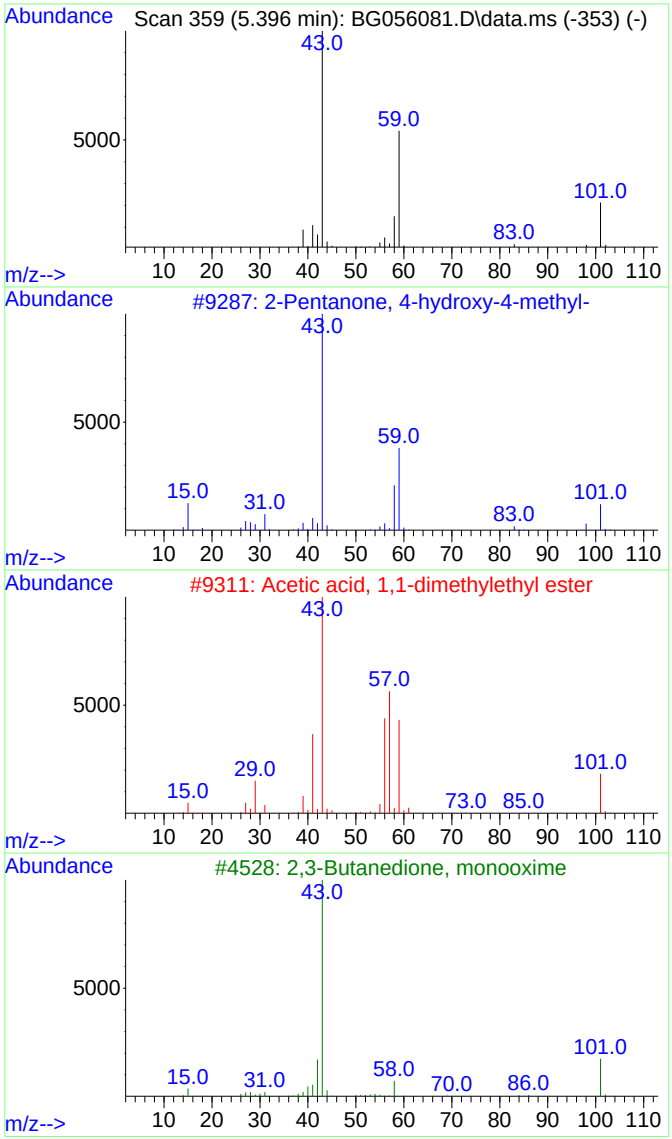
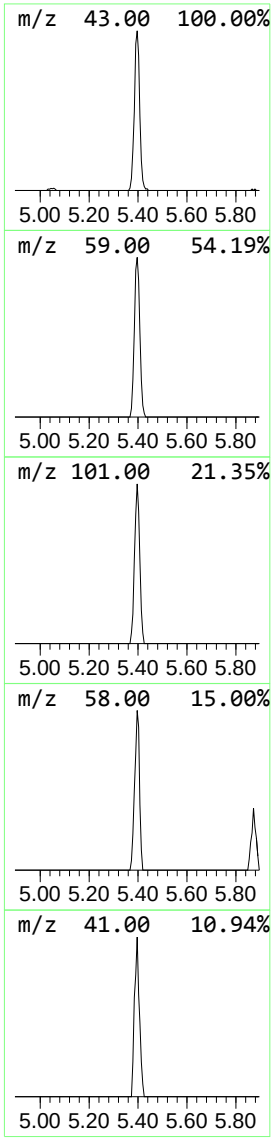
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.396	32.90 ng	68442	1,4-Dichlorobenzene-d4	8.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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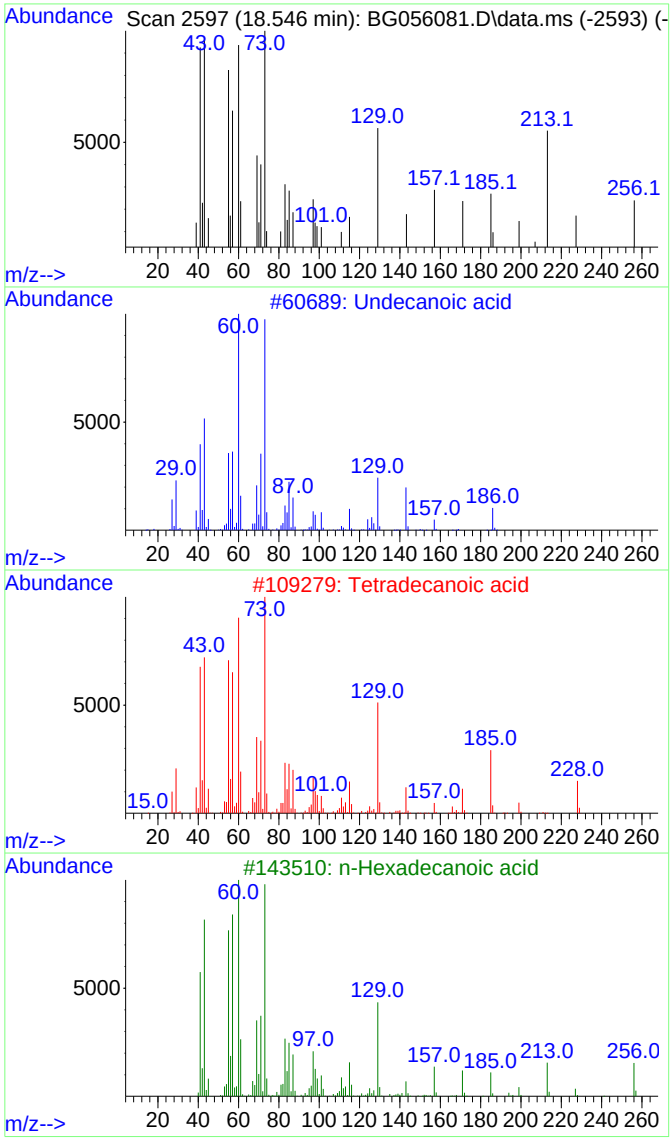
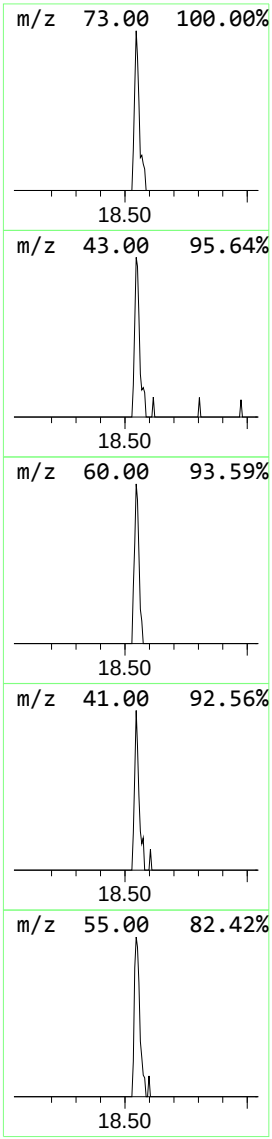
Peak Number 4 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.546	2.64 ng	23971	Phenanthrene-d10	17.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	45





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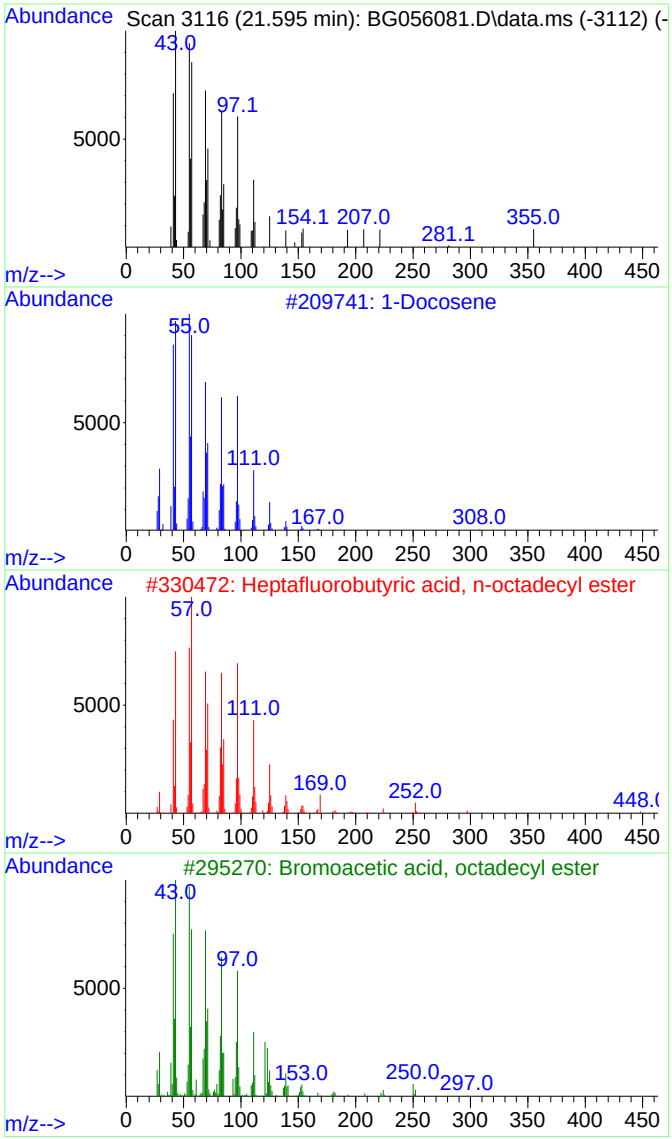
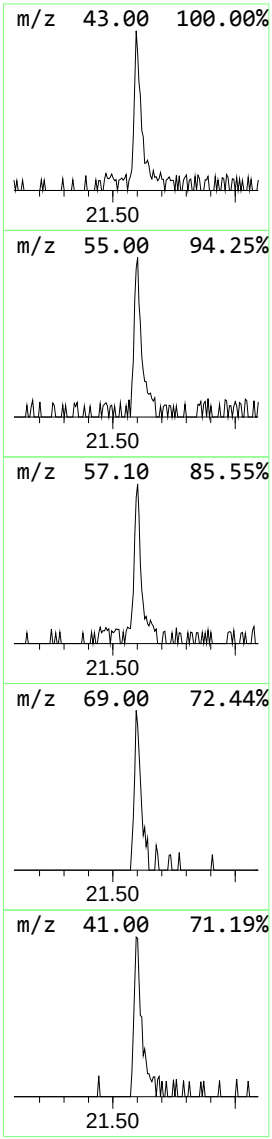
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.595	3.65 ng	44215	Chrysene-d12	22.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
4	1-Tetracosene	336	C24H48	010192-32-2	90
5	1-Tricosene	322	C23H46	018835-32-0	90





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
Butane, 2-metho...	3.381	17.1	ng	35639	1	8.357	41606	20.0
R-(-)-1,2-propa...	3.933	9.1	ng	18861	1	8.357	41606	20.0
2-Pentanone, 4-...	5.396	32.9	ng	68442	1	8.357	41606	20.0
Undecanoic acid	18.546	2.6	ng	23971	4	17.705	181751	20.0
1-Docosene	21.595	3.6	ng	44215	5	22.006	242403	20.0