LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030339.D
Acq On : 09 Jun 2021 13:01
Operator : CG/JU
Sample : M2626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(226-230)

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_M\Methods\8270-BM060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM030339.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.469	61	65	75	rVB	118690	170429	1.61%	0.344%
2	4.975	316	321	328	rBV2	91506	145965	1.38%	0.295%
3	5.428	391	398	413	rBV	2720570	4128881	39.11%	8.346%
4	7.010	659	667	680	rBV	2924990	4640606	43.96%	9.380%
5	7.851	801	810	818	rBV	577589	938527	8.89%	1.897%
6	9.004	997	1006	1016	rBV	1614129	2697206	25.55%	5.452%
7	10.416	1240	1246	1264	rBV	387160	779613	7.39%	1.576%
8	10.639	1277	1284	1293	rVB	806901	1377863	13.05%	2.785%
9	13.098	1693	1702	1711	rBV	3838477	5832232	55.25%	11.789%
10	14.469	1928	1935	1948	rBV	1309202	1990244	18.85%	4.023%
11	15.951	2181	2187	2209	rBV	3782333	5439041	51.53%	10.994%
12	17.204	2393	2400	2409	rBV	1783738	2634055	24.95%	5.324%
13	18.092	2544	2551	2561	rBV	269503	441848	4.19%	0.893%
14	19.368	2763	2768	2778	rBV2	190897	327661	3.10%	0.662%
15	19.821	2839	2845	2858	rBV	8831535	10555812	100.00%	21.337%
16	20.503	2958	2961	2968	rVB3	101866	130631	1.24%	0.264%
17	21.086	3057	3060	3065	rBV3	63072	121772	1.15%	0.246%
18	21.368	3103	3108	3118	rBV	2824894	3584986	33.96%	7.247%
19	23.650	3489	3496	3509	rVB2	1735595	3534573	33.48%	7.145%

Sum of corrected areas: 49471945

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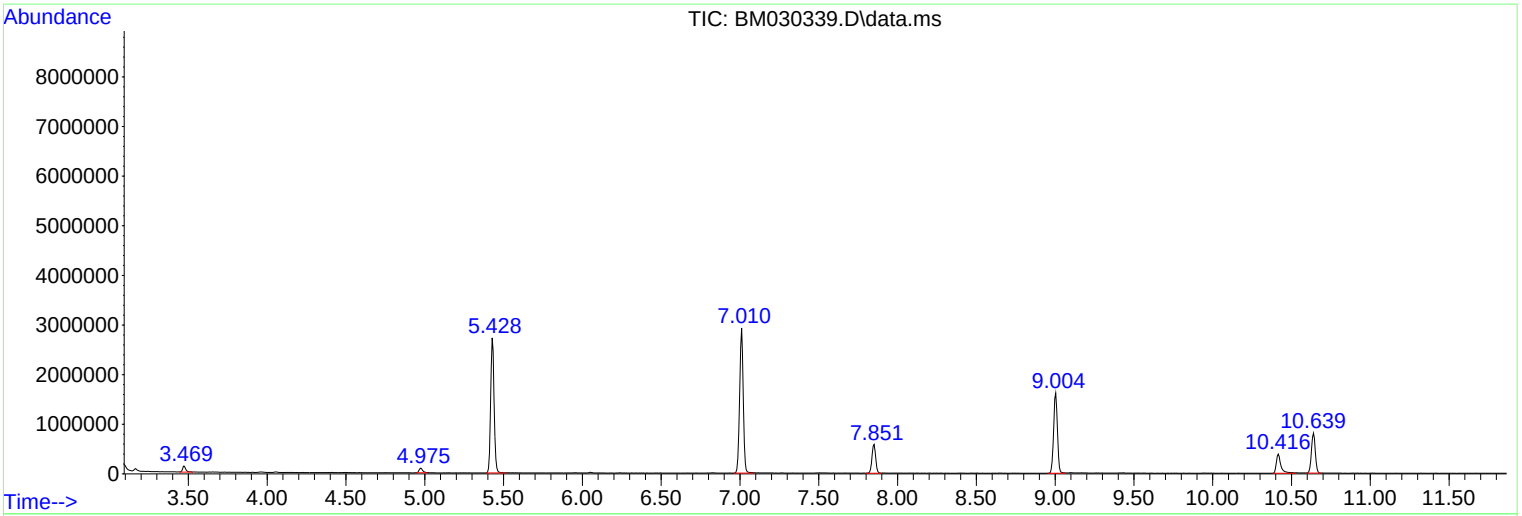
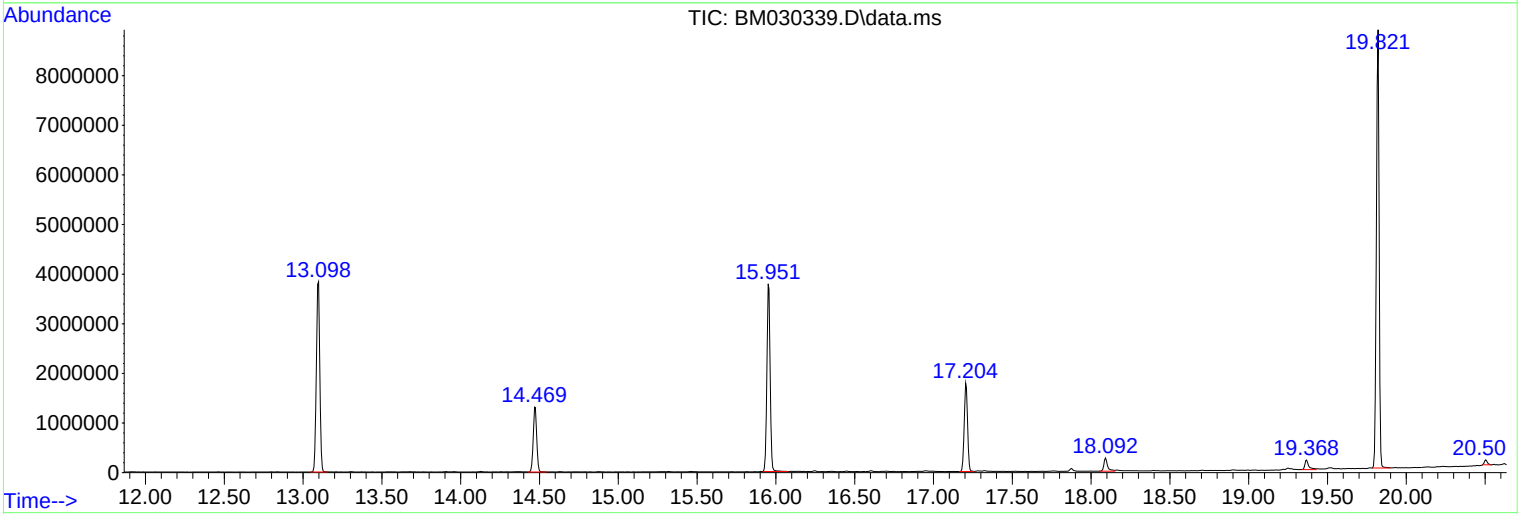
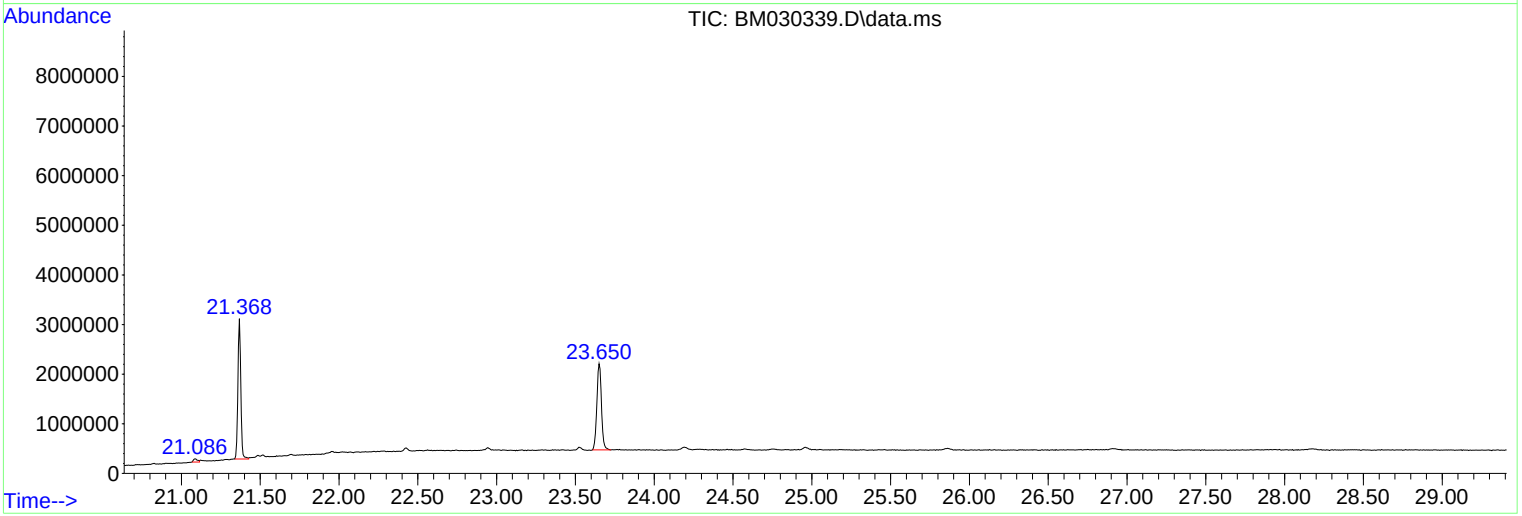
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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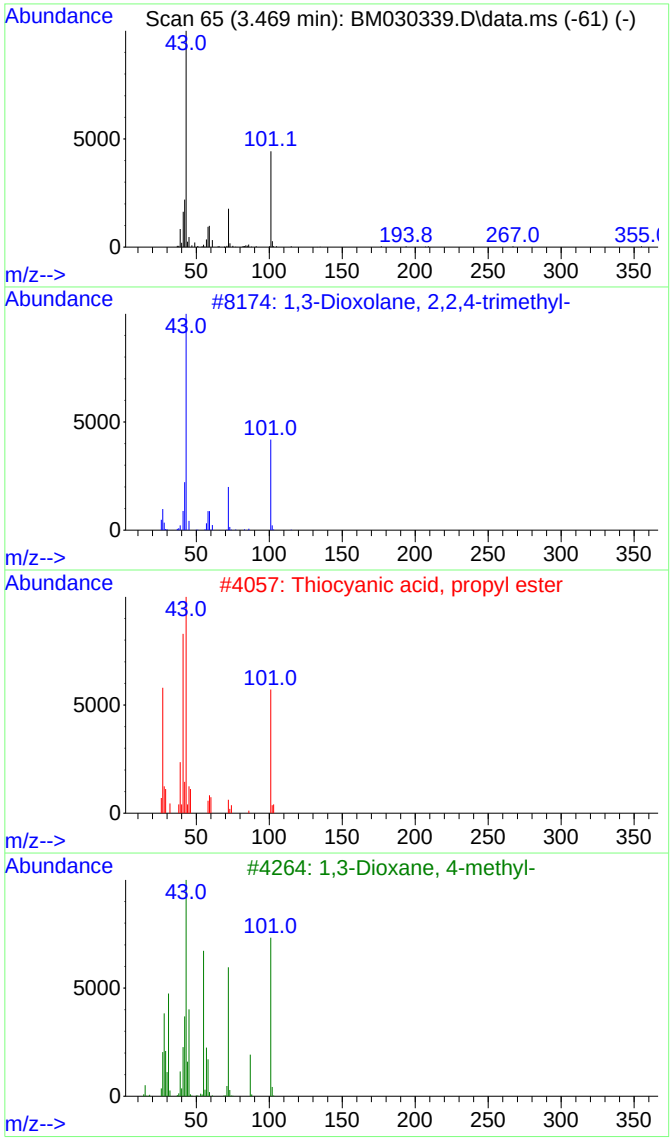
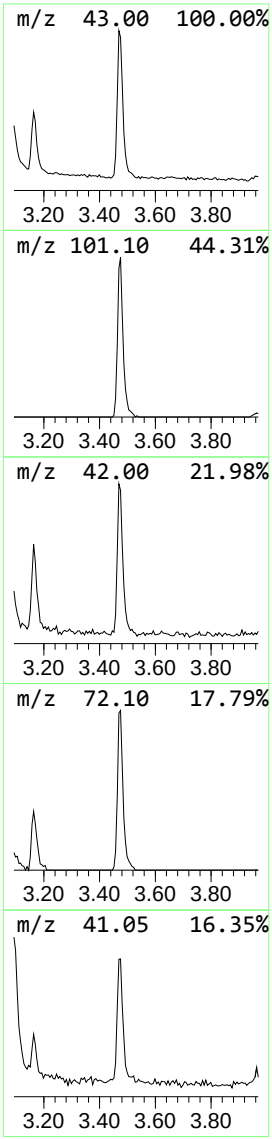
****
Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.469	3.63 ng	170429	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	86
2	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	53
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	40
4	Ethanethioic acid, S-(dihydro-2,...	174	C6H6O4S	006953-60-2	10
5	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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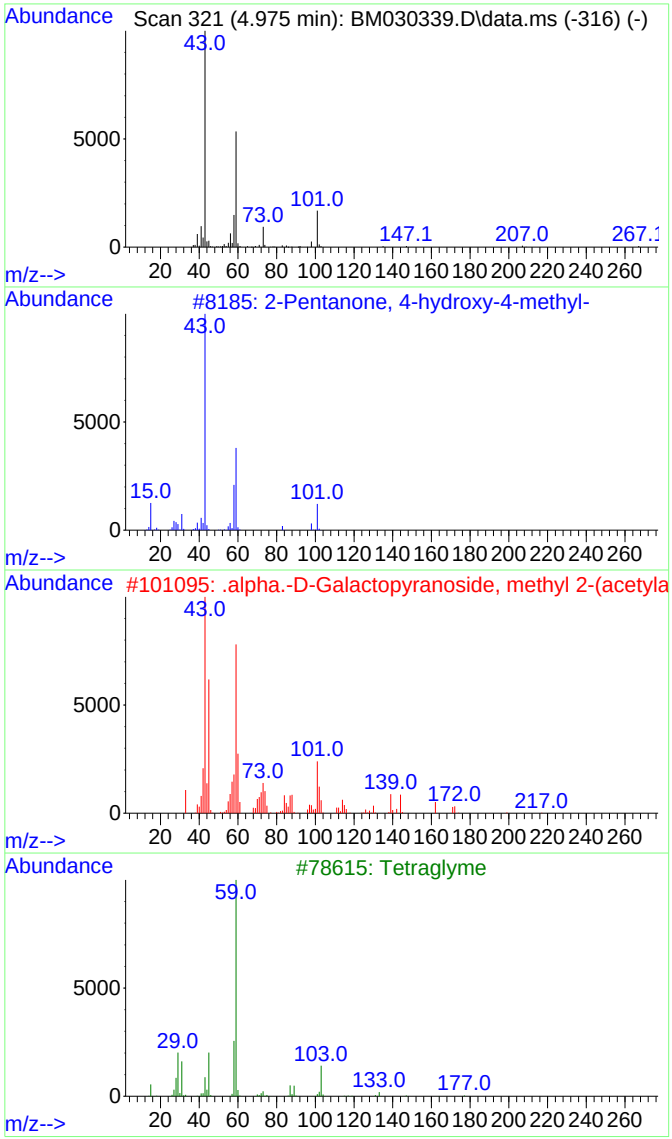
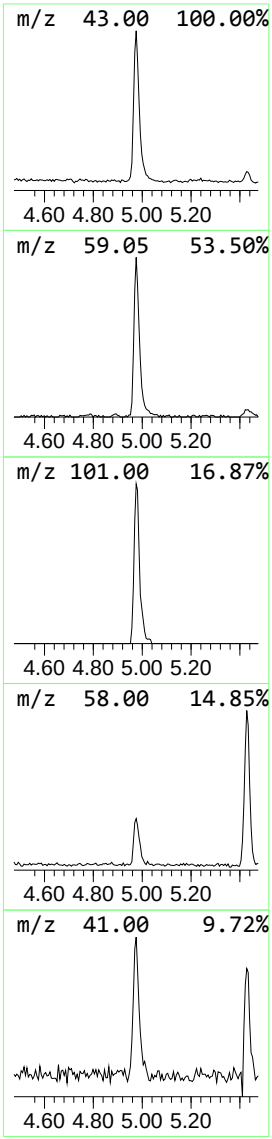
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	3.11 ng	145965	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	38
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	Carbonic acid, 2-methoxyethyl 3,...	232	C10H10F2O4	1000357-86-6	25
5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	23





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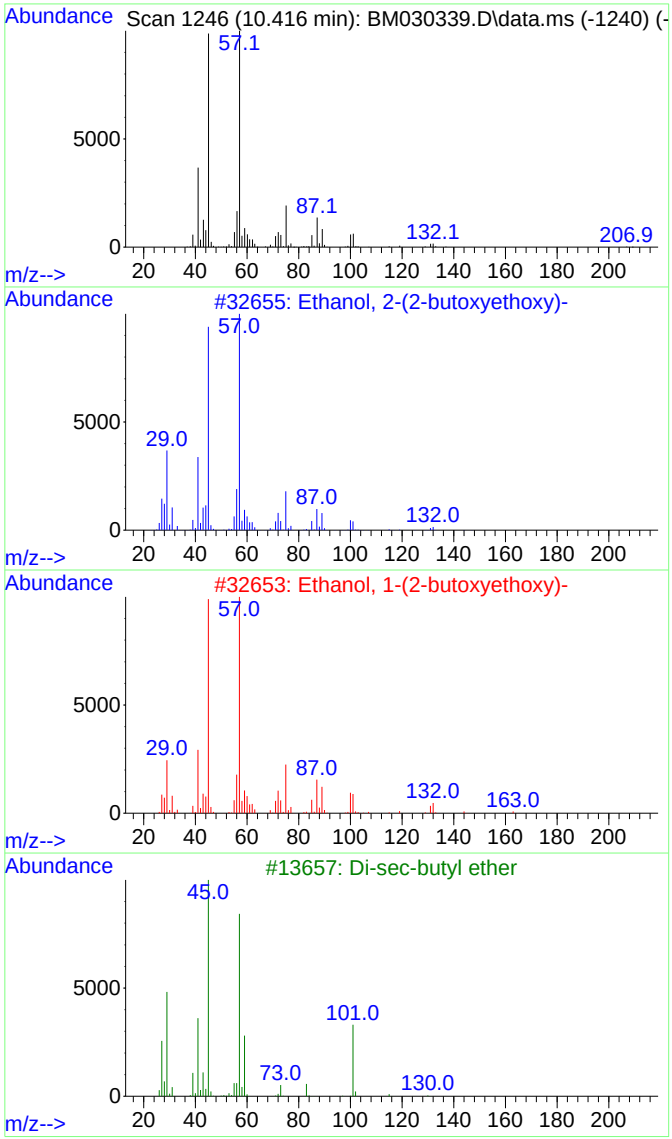
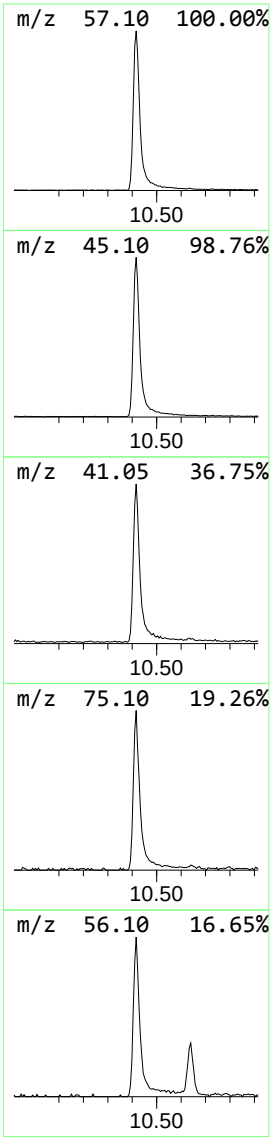
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	11.32 ng	779613	Naphthalene-d8	10.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	47





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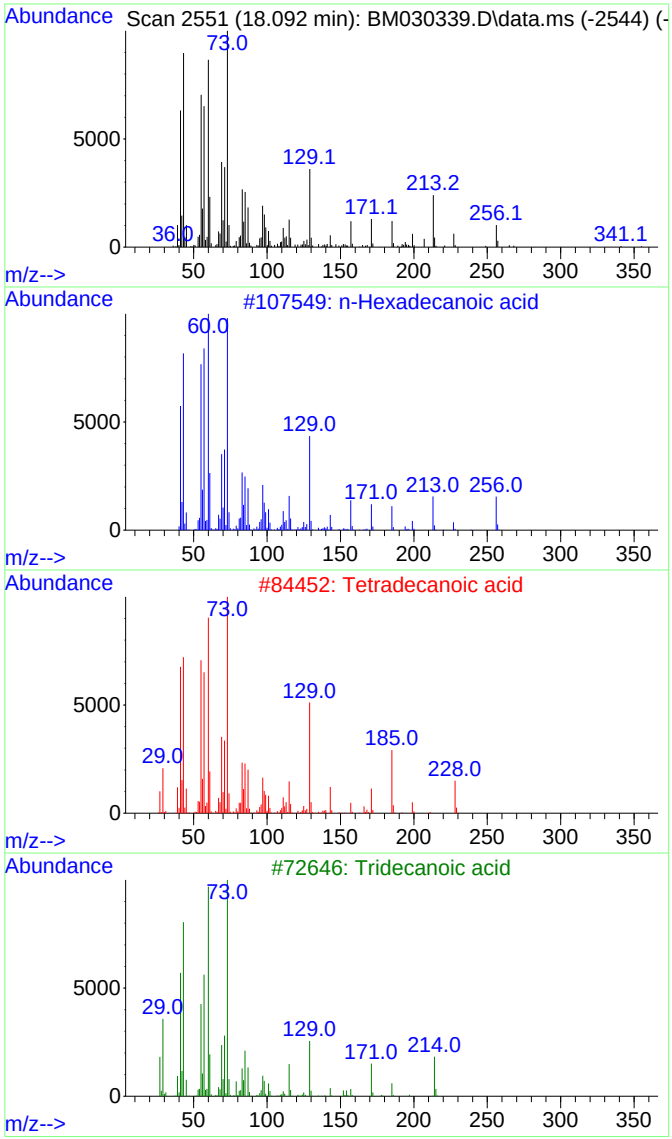
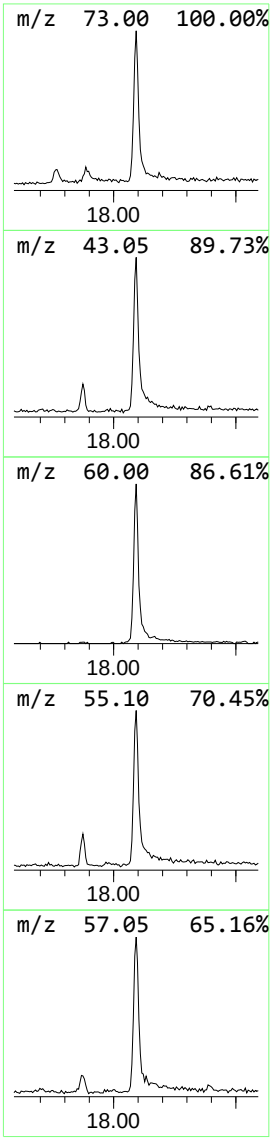
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	3.35 ng	441848	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Dioxolane, ...	3.469	3.6	ng	170429	1	7.851	938527	20.0
2-Pentanone, 4-...	4.975	3.1	ng	145965	1	7.851	938527	20.0
Ethanol, 2-(2-b...	10.416	11.3	ng	779613	2	10.639	1377860	20.0
n-Hexadecanoic ...	18.092	3.4	ng	441848	4	17.204	2634060	20.0