LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039101.D
Acq On : 22 Mar 2023 20:43
Operator : CG/JU
Sample : 02016-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 032023-1

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_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.052	295	300	312	rVB	1666180	2289409	27.23%	4.064%
2	5.522	373	380	391	rBV	3925671	5616917	66.82%	9.971%
3	7.128	645	653	663	rBV	3766200	5761400	68.53%	10.228%
4	7.963	789	795	804	rBV	1030598	1586260	18.87%	2.816%
5	9.134	986	994	1002	rBV	2172896	3471168	41.29%	6.162%
6	10.775	1263	1273	1281	rBV	1277702	2138600	25.44%	3.796%
7	13.234	1683	1691	1701	rBV	4756251	6968410	82.89%	12.370%
8	14.604	1917	1924	1932	rBV	1751513	2546671	30.29%	4.521%
9	15.963	2148	2155	2160	rBV	125301	182641	2.17%	0.324%
10	16.092	2170	2177	2193	rBV	3702015	5253336	62.49%	9.326%
11	17.351	2384	2391	2396	rBV	1955634	2846233	33.86%	5.053%
12	17.392	2396	2398	2405	rVB	80037	93663	1.11%	0.166%
13	18.245	2537	2543	2554	rBV	441828	841135	10.01%	1.493%
14	18.669	2611	2615	2619	rBV	189223	212901	2.53%	0.378%
15	19.404	2736	2740	2746	rVB	169996	223055	2.65%	0.396%
16	19.516	2755	2759	2771	rBV	214265	412205	4.90%	0.732%
17	19.768	2798	2802	2809	rVB	144561	222158	2.64%	0.394%
18	19.968	2830	2836	2842	rBV	7124308	8406572	100.00%	14.923%
19	21.233	3048	3051	3059	rBV2	351505	432144	5.14%	0.767%
20	21.527	3096	3101	3106	rBV	2455973	3259714	38.78%	5.787%
21	23.956	3508	3514	3532	rVB2	1688749	3567418	42.44%	6.333%

Sum of corrected areas: 56332010

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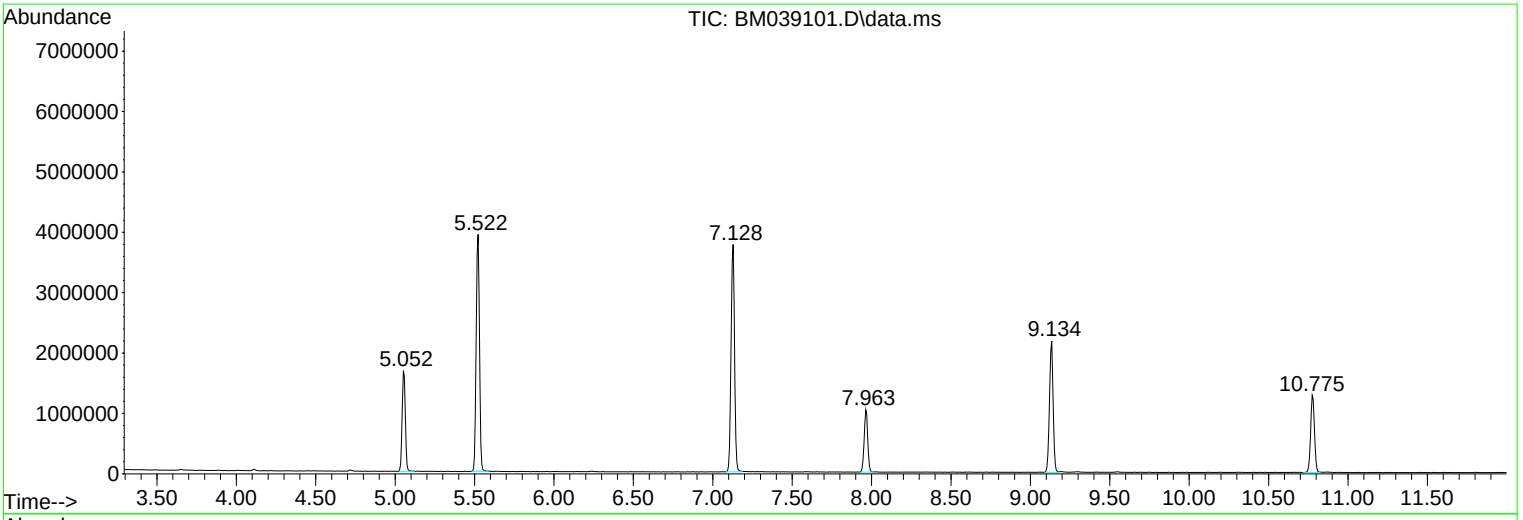
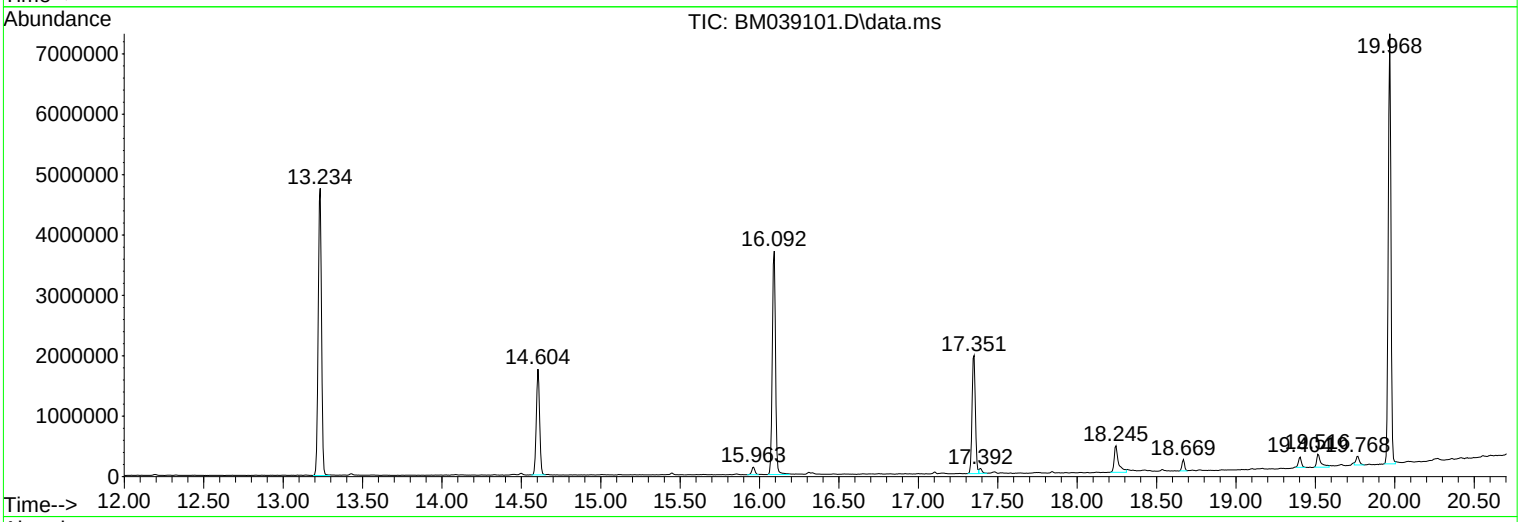
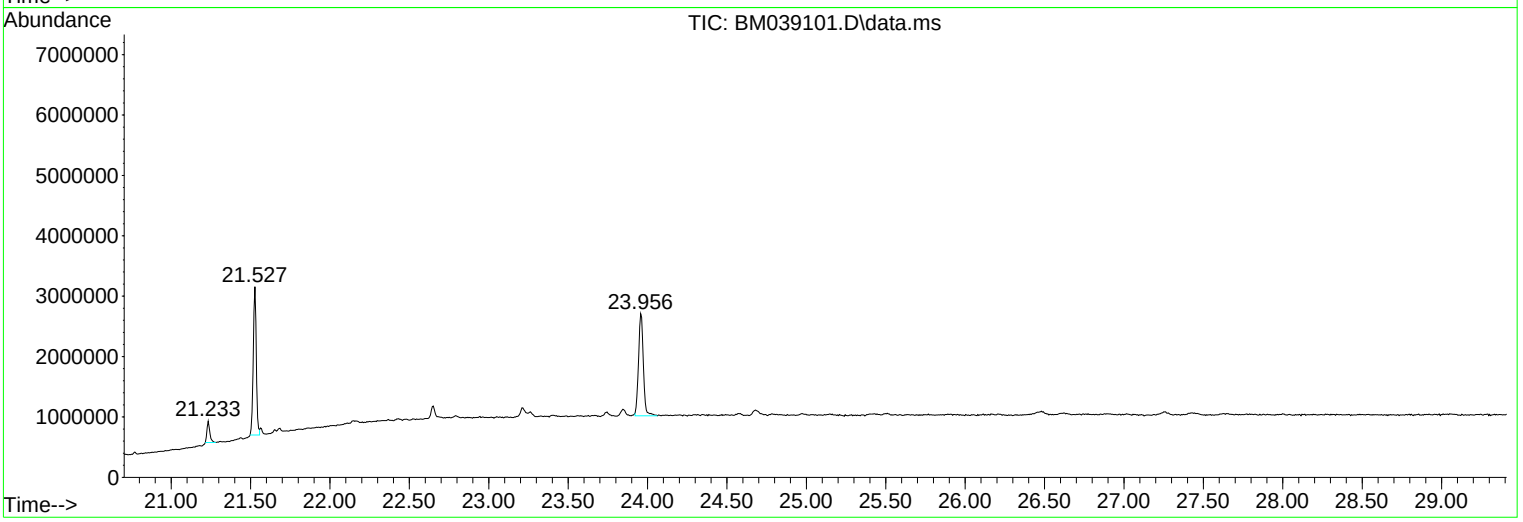
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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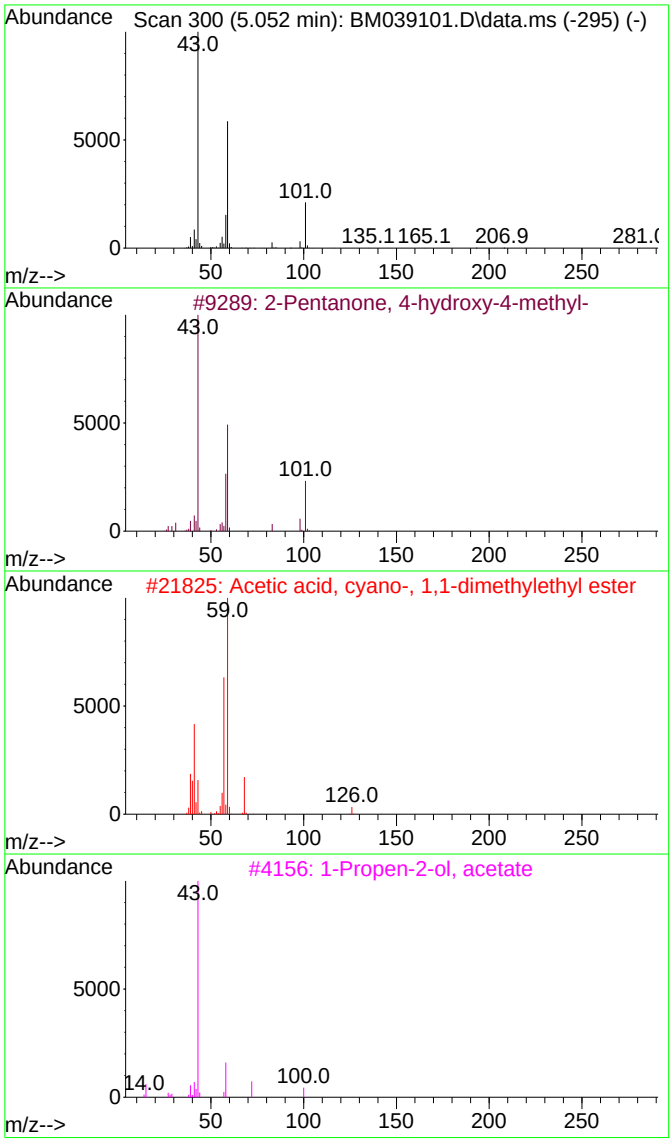
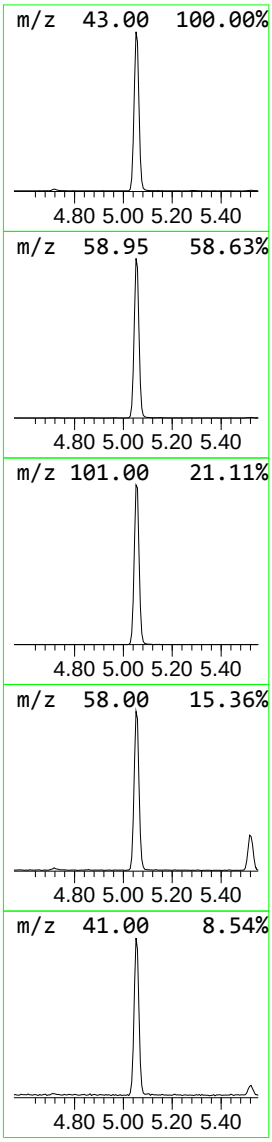
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.052	28.87 ng	2289410	1,4-Dichlorobenzene-d4	7.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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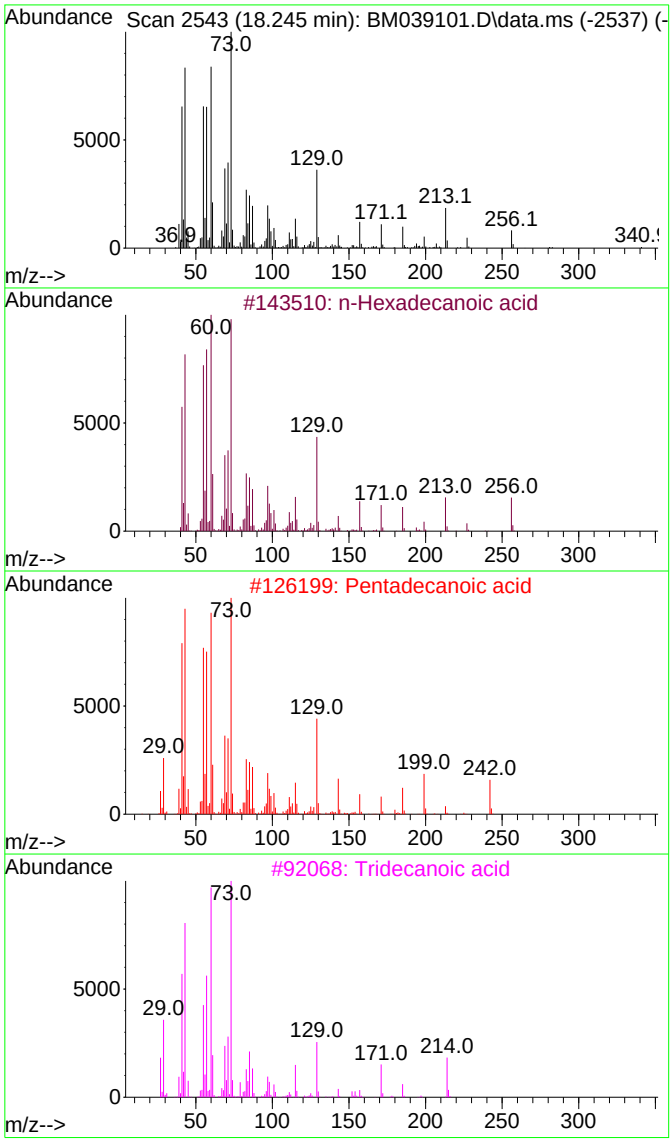
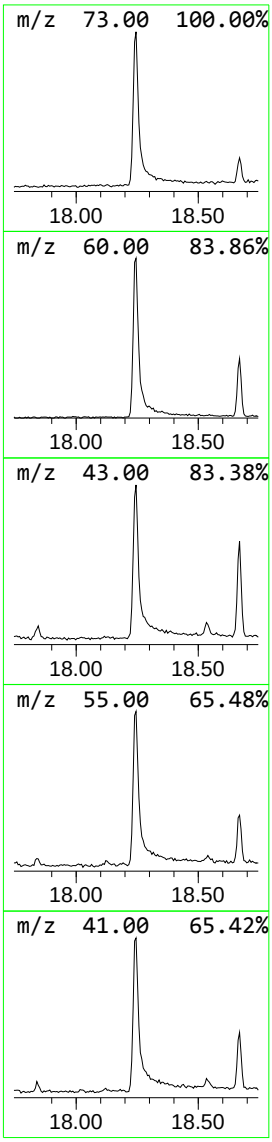
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	5.91 ng	841135	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62





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Sample : 02016-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
032023-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
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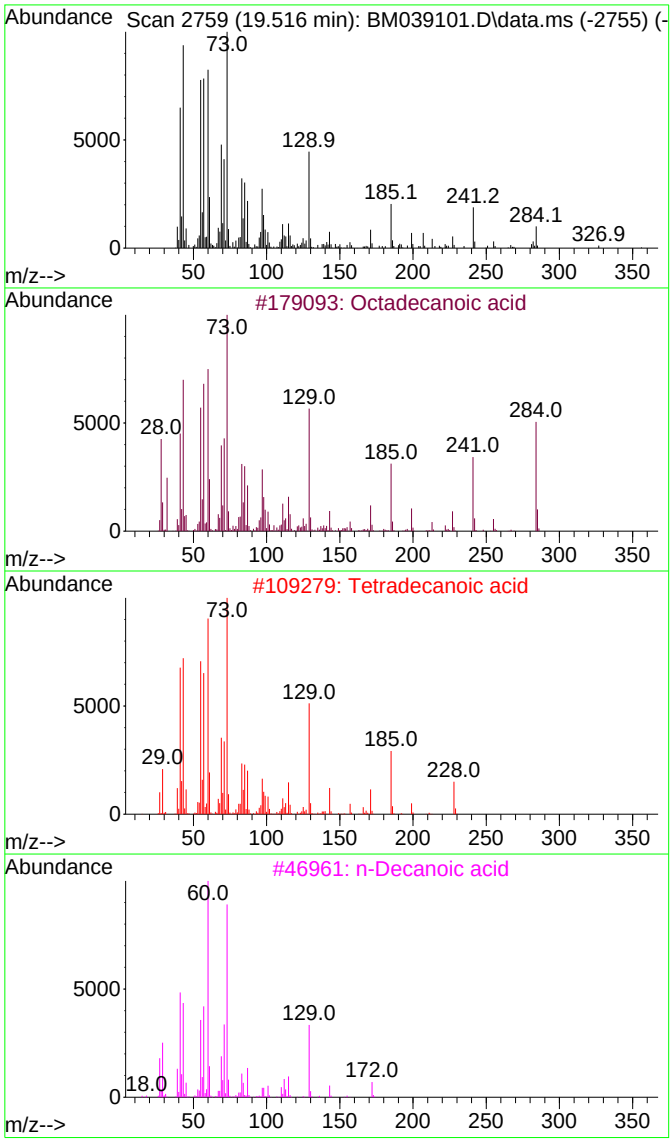
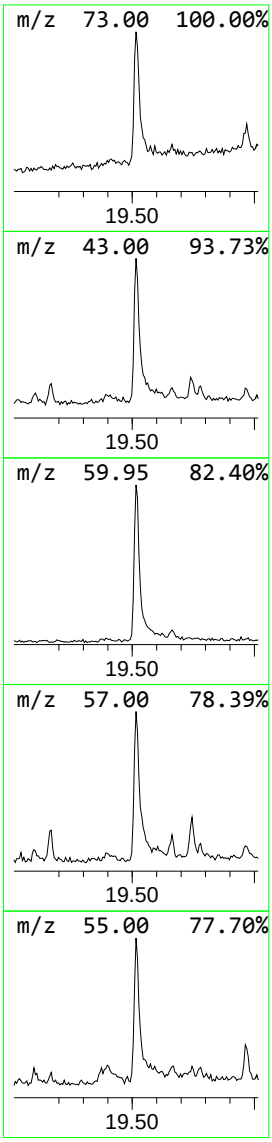
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.53 ng	412205	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	25





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
032023-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
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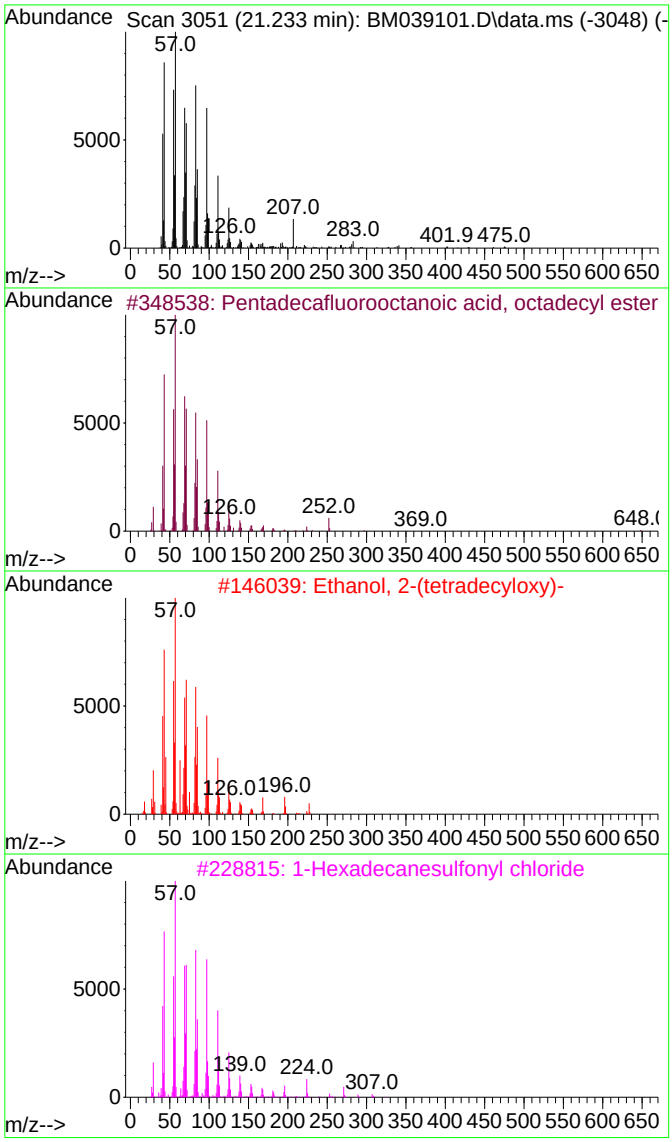
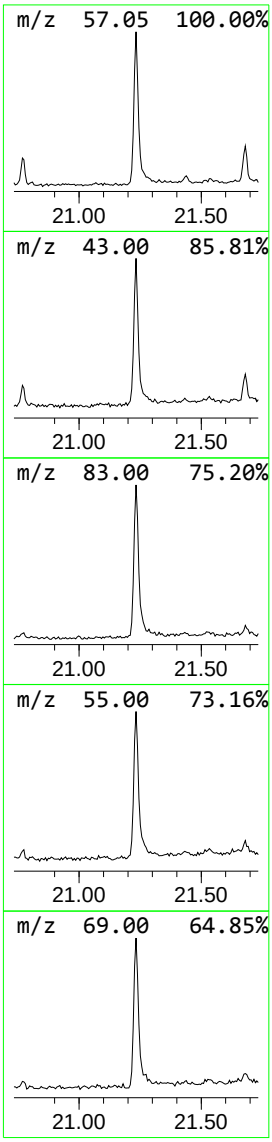
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	2.65 ng	432144	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Cyclotetracosane	336	C24H48	000297-03-0	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	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-...	5.052	28.9	ng	2289410	1	7.963	1586260	20.0
n-Hexadecanoic ...	18.245	5.9	ng	841135	4	17.351	2846230	20.0
Octadecanoic acid	19.515	2.5	ng	412205	5	21.527	3259710	20.0
Pentadecafluoro...	21.233	2.6	ng	432144	5	21.527	3259710	20.0