LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
Data File : BF137893.D
Acq On : 10 May 2024 21:21
Operator : CG\JU
Sample : P2432-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-01-011

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_F\Methods\8270-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	16	19	27	rVB2	55664	103837	2.92%	0.432%
2	2.428	51	58	64	rVB	1972362	2791269	78.59%	11.613%
3	3.699	271	274	282	rBV	56386	86876	2.45%	0.361%
4	5.675	605	610	613	rBV	3028928	2763105	77.79%	11.496%
5	6.663	772	778	781	rBV	2613254	2758308	77.66%	11.476%
6	7.045	840	843	847	rBV	996312	833602	23.47%	3.468%
7	7.610	934	939	942	rBV	1973716	1772632	49.91%	7.375%
8	7.851	977	980	985	rBV	58641	52019	1.46%	0.216%
9	8.334	1058	1062	1065	rBV	1356037	1116500	31.43%	4.645%
10	8.634	1110	1113	1129	rBV	35919	70225	1.98%	0.292%
11	9.404	1240	1244	1248	rBV	3852605	3551852	100.00%	14.778%
12	10.092	1357	1361	1365	rBV	1507157	1250013	35.19%	5.201%
13	10.175	1371	1375	1389	rVB	111845	161480	4.55%	0.672%
14	10.886	1492	1496	1499	rBV	2039003	1821292	51.28%	7.578%
15	11.586	1611	1615	1619	rBV	1245826	1028453	28.96%	4.279%
16	12.092	1698	1701	1707	rBV	127047	146228	4.12%	0.608%
17	12.880	1832	1835	1844	rBV2	32942	46483	1.31%	0.193%
18	13.174	1881	1885	1888	rBV	2907819	2348501	66.12%	9.771%
19	14.239	2062	2066	2079	rVB	801000	710673	20.01%	2.957%
20	15.810	2327	2333	2343	rBV	431401	621852	17.51%	2.587%

Sum of corrected areas: 24035200

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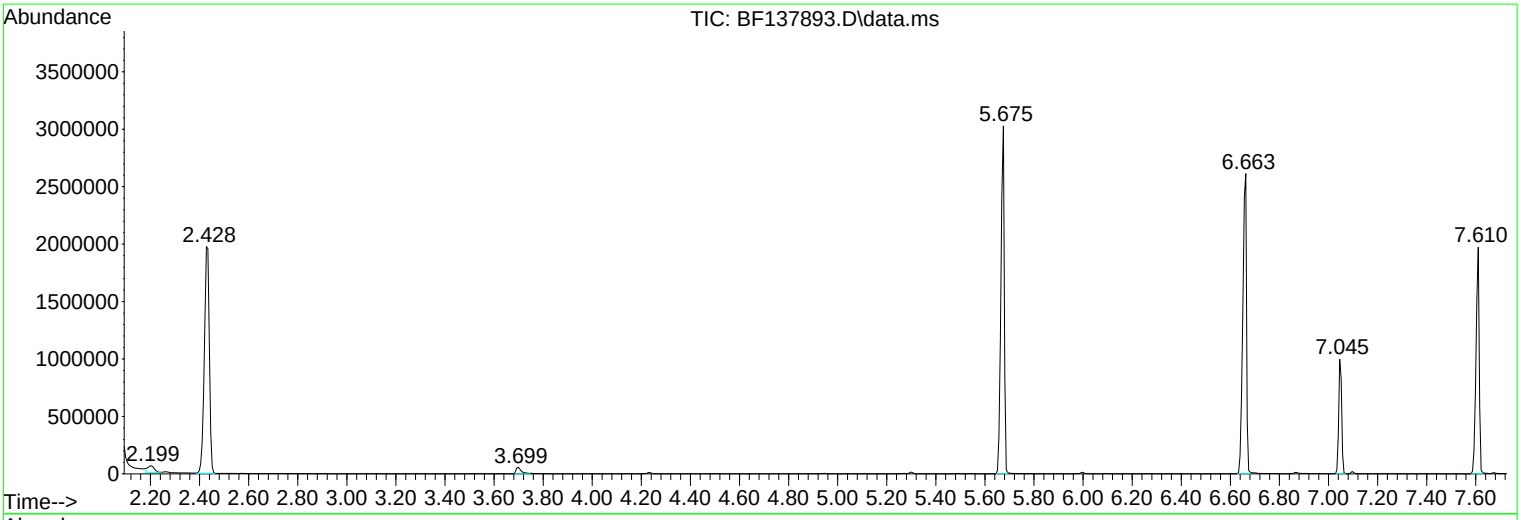
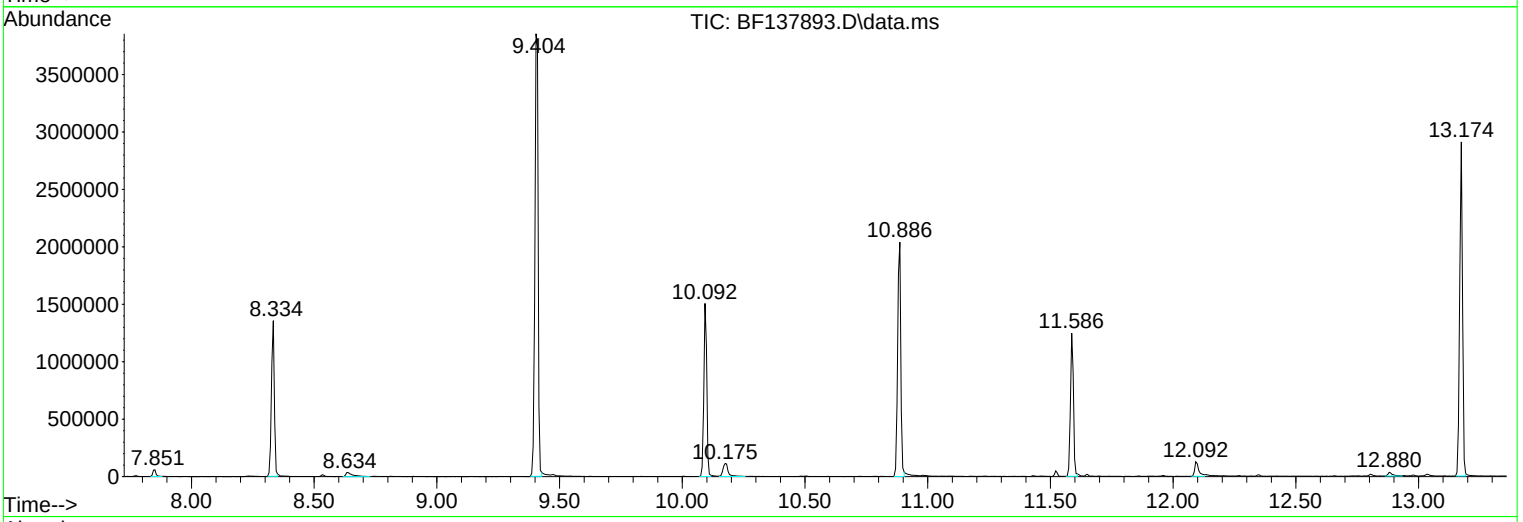
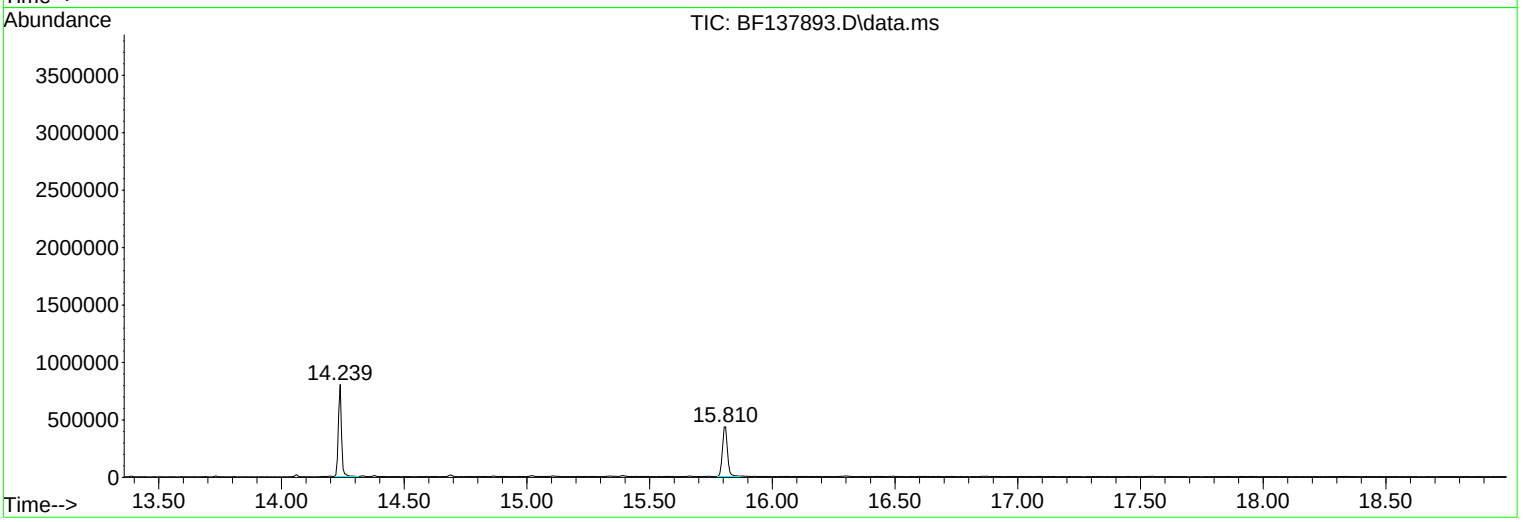
SW-01-011

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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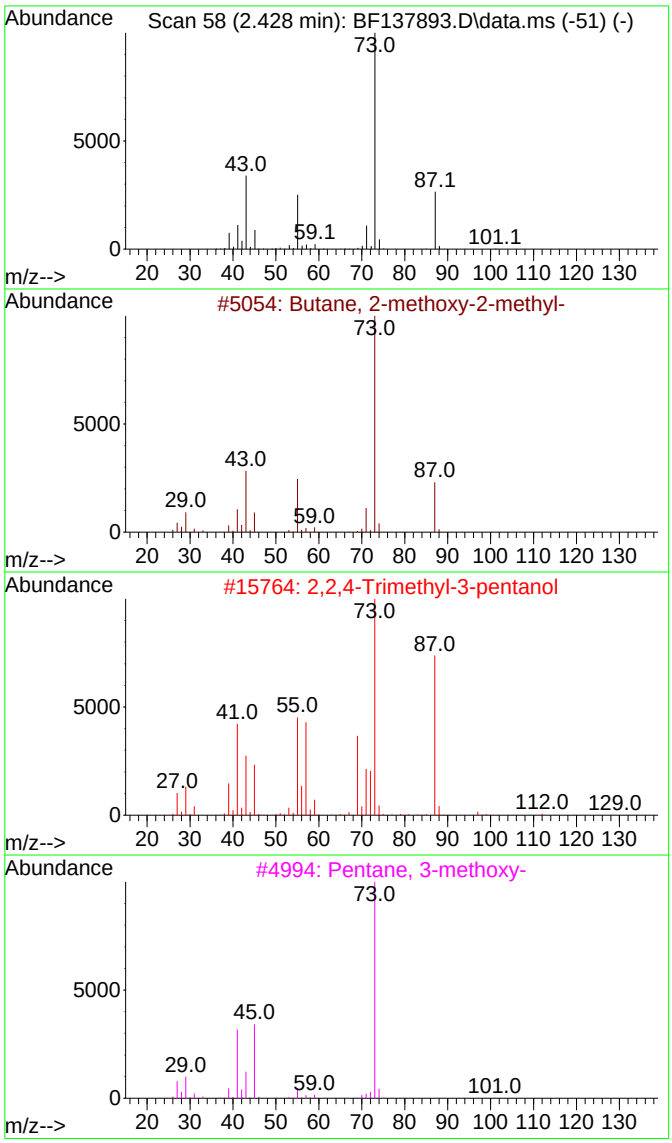
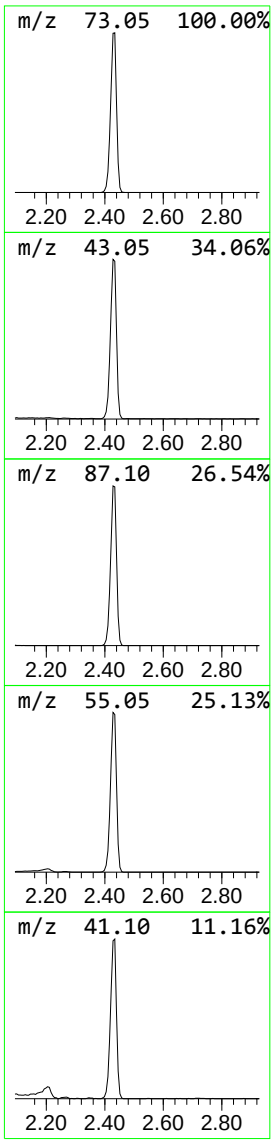
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.428	66.97 ng	2791270	1,4-Dichlorobenzene-d4	7.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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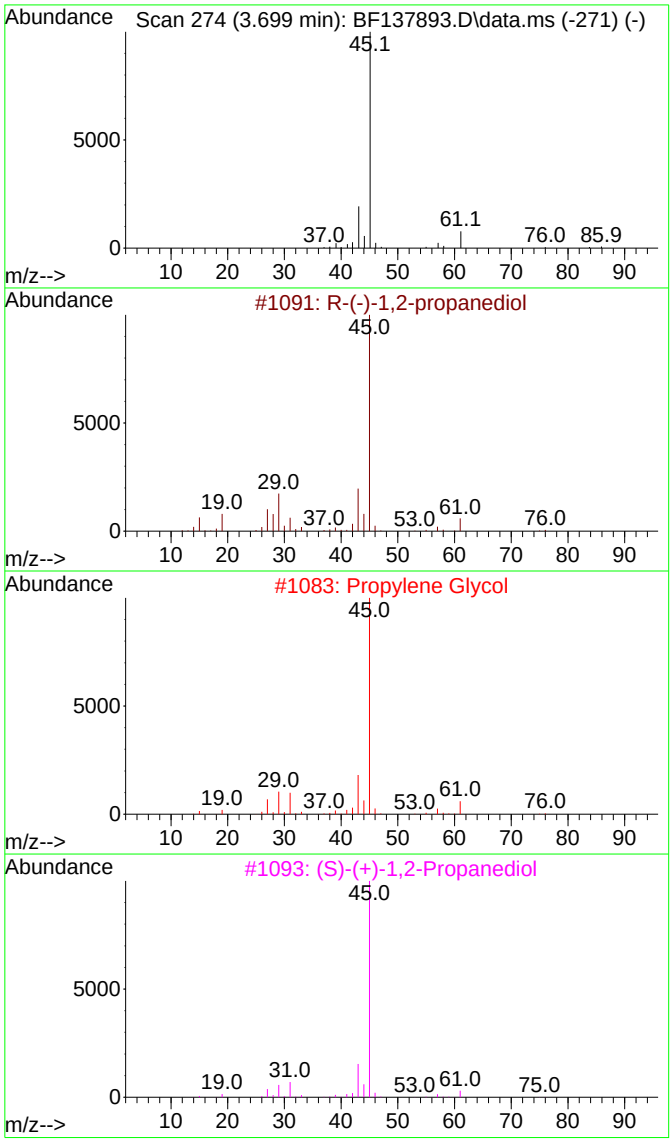
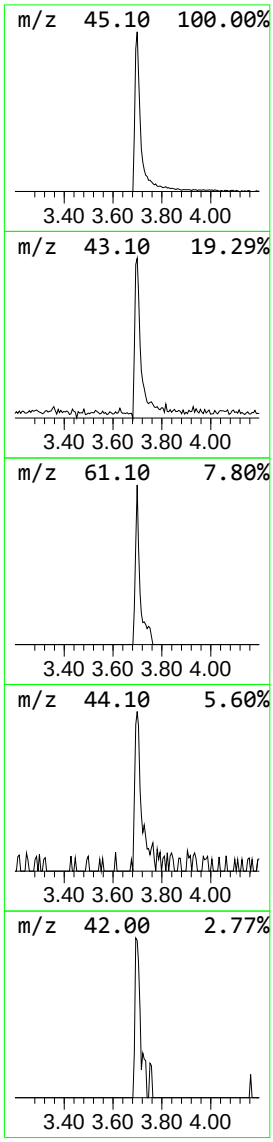
Peak Number 3 R-(-)-1,2-propanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.699	2.08 ng	86876	1,4-Dichlorobenzene-d4	7.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
2	Propylene Glycol	76	C3H8O2	000057-55-6	78
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	L-Lactic acid	90	C3H6O3	000079-33-4	9





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Sample : P2432-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-01-011

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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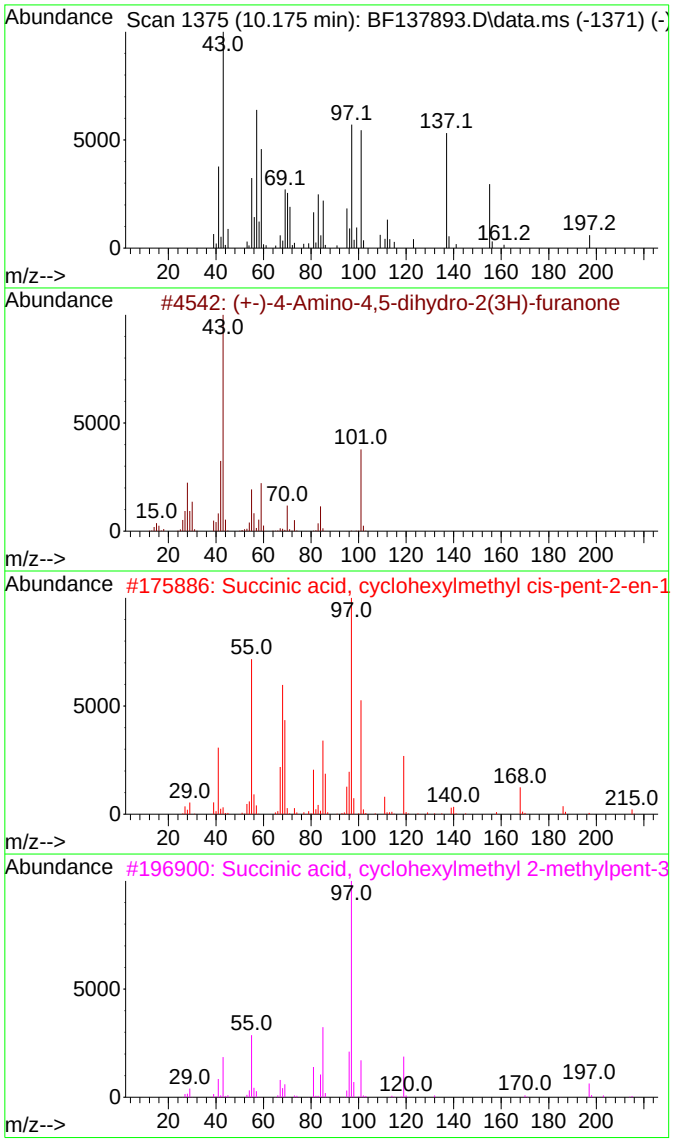
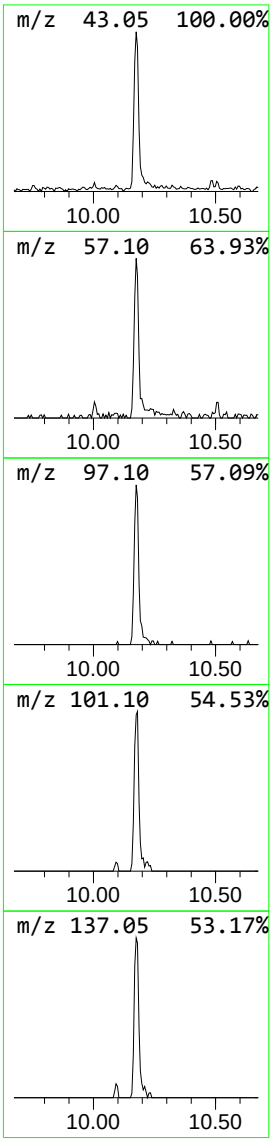
Peak Number 4 unknown10.175 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	2.58 ng	161480	Acenaphthene-d10	10.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	22
2	Succinic acid, cyclohexylmethyl ...	282	C16H26O4	1010391-26-3	16
3	Succinic acid, cyclohexylmethyl ...	298	C17H30O4	1000389-60-0	14
4	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	14
5	N-((1S,9aS)-Octahydro-1H-quinoli...	196	C11H20N2O	616235-95-1	10





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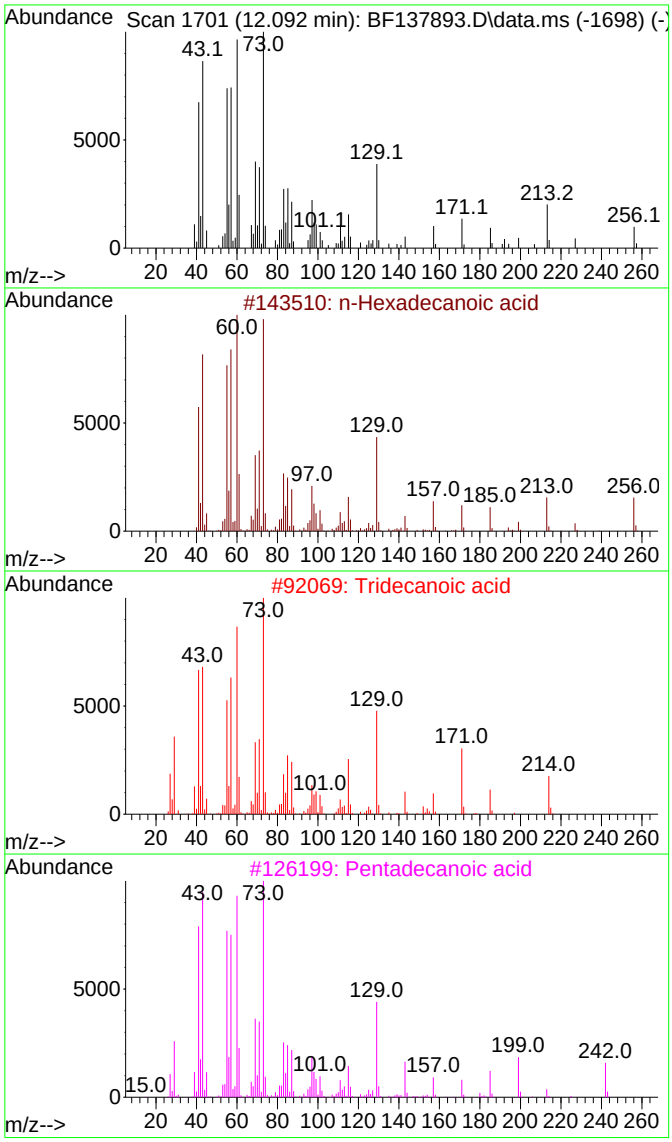
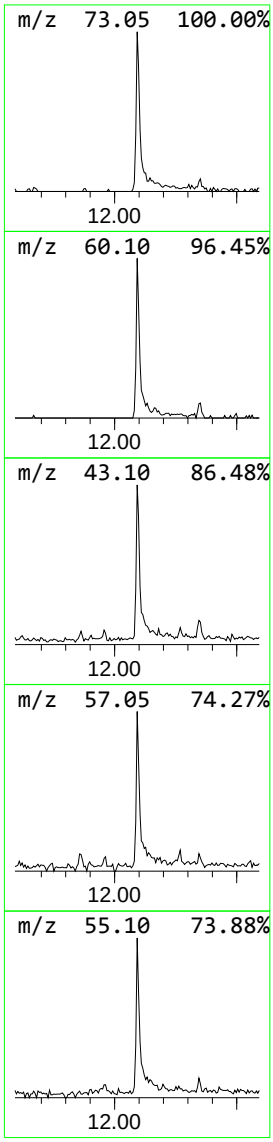
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.84 ng	146228	Phenanthrene-d10	11.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.428	67.0	ng	2791270	1	7.045	833602	20.0
R-(-)-1,2-propa...	3.699	2.1	ng	86876	1	7.045	833602	20.0
unknown10.175	10.175	2.6	ng	161480	3	10.092	1250010	20.0
n-Hexadecanoic ...	12.092	2.8	ng	146228	4	11.586	1028450	20.0