LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
Data File : BF137852.D
Acq On : 08 May 2024 13:41
Operator : CG\JU
Sample : P2411-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCS-TPA

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: BF137852.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	19	23	28	rVB2	52544	88553	2.46%	0.323%
2	2.446	53	61	66	rVB	1666297	2206872	61.20%	8.060%
3	5.675	605	610	613	rBV	2728791	2555058	70.86%	9.331%
4	6.663	772	778	781	rBV	2545967	2608525	72.34%	9.527%
5	7.051	840	844	847	rBV	1045863	861279	23.89%	3.145%
6	7.610	934	939	942	rBV	1842450	1712243	47.49%	6.253%
7	8.333	1057	1062	1065	rBV	1428054	1184126	32.84%	4.325%
8	9.410	1240	1245	1248	rBV	4291465	3605783	100.00%	13.169%
9	10.098	1357	1362	1365	rBV	1759591	1447763	40.15%	5.287%
10	10.180	1371	1376	1387	rBV	783503	1029258	28.54%	3.759%
11	10.886	1492	1496	1500	rBV	2408723	2208934	61.26%	8.067%
12	11.592	1612	1616	1619	rBV	1790454	1439577	39.92%	5.258%
13	12.098	1697	1702	1708	rBV	456132	523800	14.53%	1.913%
14	12.810	1817	1823	1828	rBV	93078	114312	3.17%	0.417%
15	12.886	1831	1836	1848	rVV	140888	171356	4.75%	0.626%
16	13.039	1857	1862	1869	rVB2	76722	102049	2.83%	0.373%
17	13.180	1882	1886	1889	rBV	3982569	3397071	94.21%	12.407%
18	13.733	1977	1980	1983	rBV2	51134	45551	1.26%	0.166%
19	14.063	2034	2036	2039	rBV	52583	43856	1.22%	0.160%
20	14.110	2039	2044	2057	rVV5	64403	192552	5.34%	0.703%
21	14.245	2062	2067	2070	rBV	933221	918728	25.48%	3.355%
22	14.380	2087	2090	2093	rBV	52177	44864	1.24%	0.164%
23	14.692	2140	2143	2147	rBV	47136	42933	1.19%	0.157%
24	15.815	2328	2334	2345	rVB	602059	836333	23.19%	3.054%

Sum of corrected areas: 27381376

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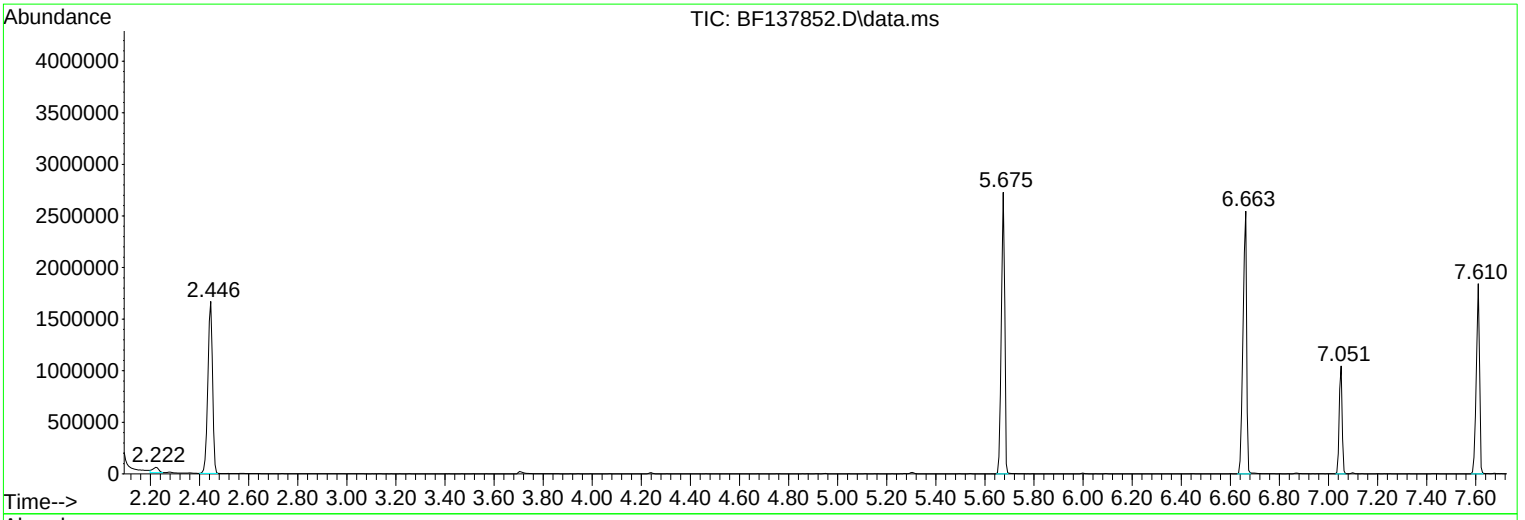
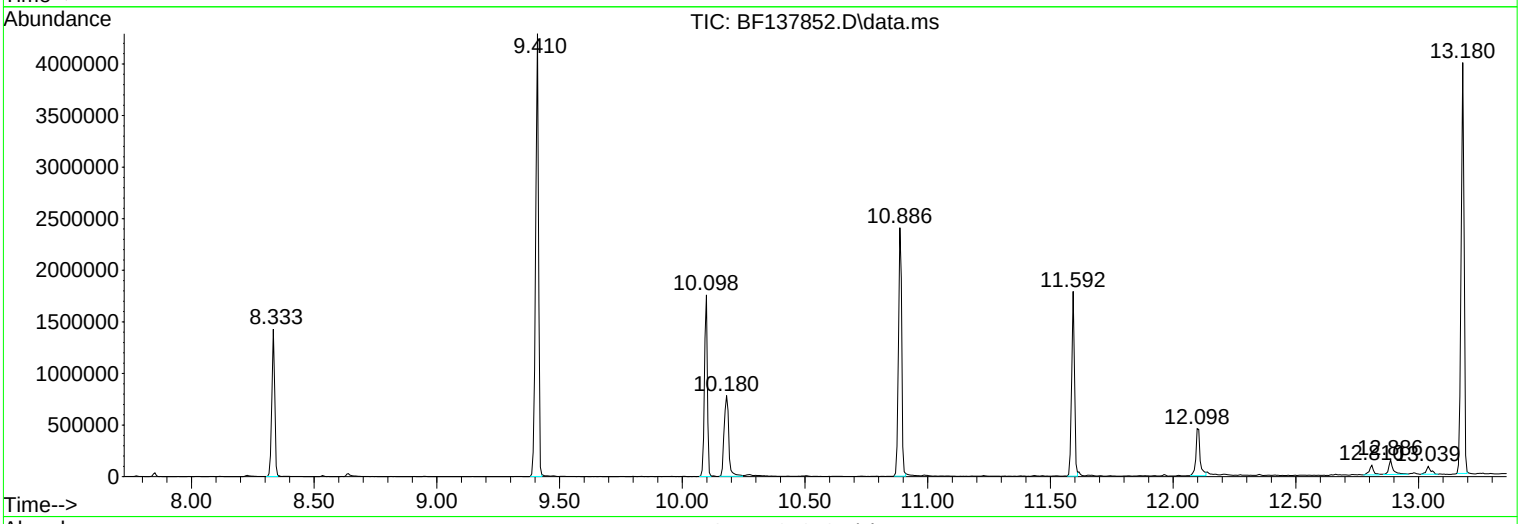
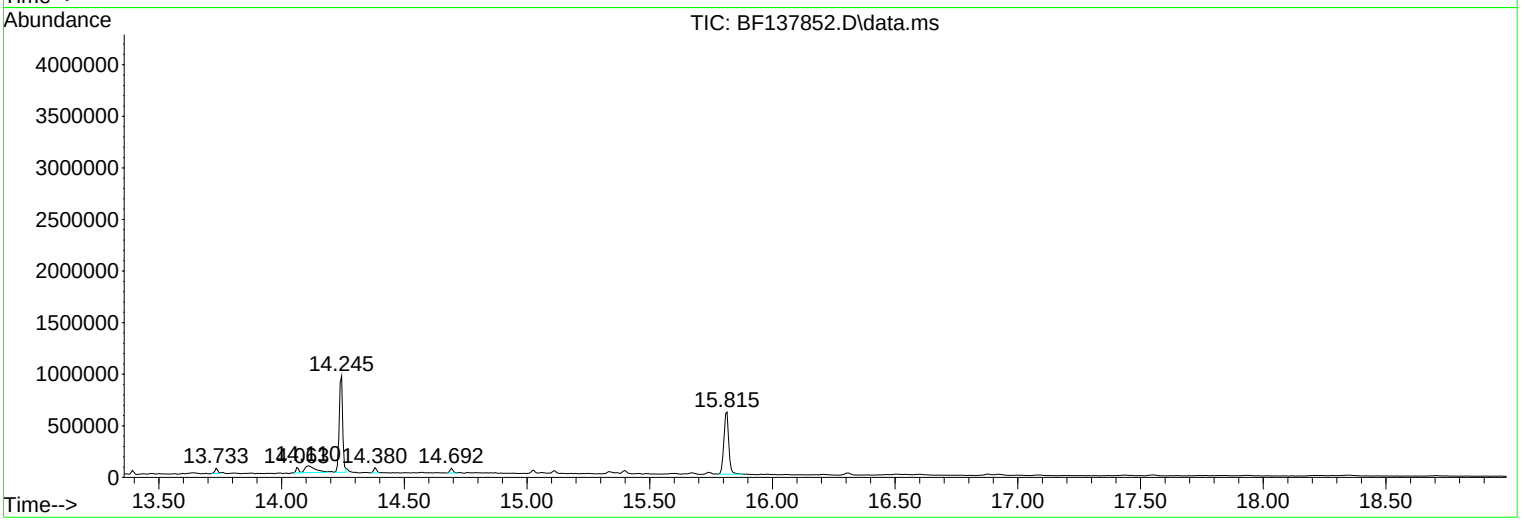
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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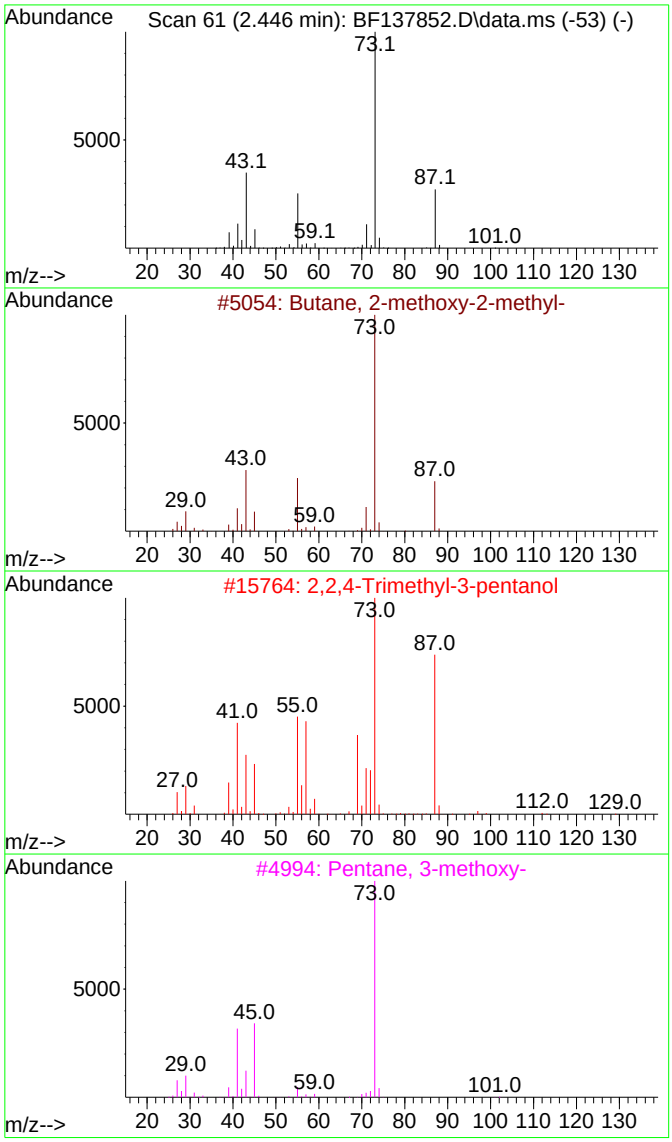
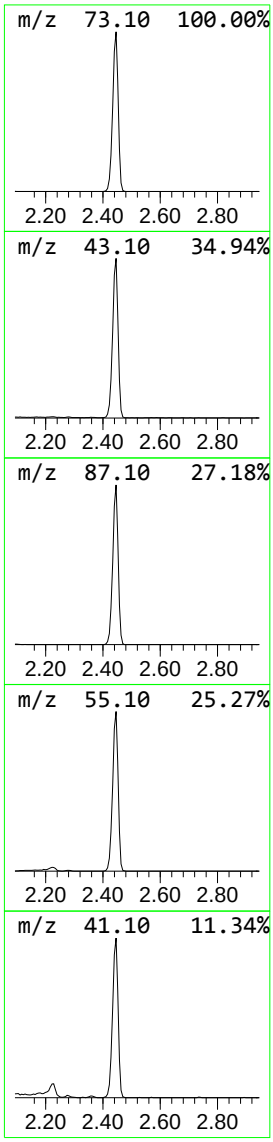
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.446	51.25 ng	2206870	1,4-Dichlorobenzene-d4	7.051

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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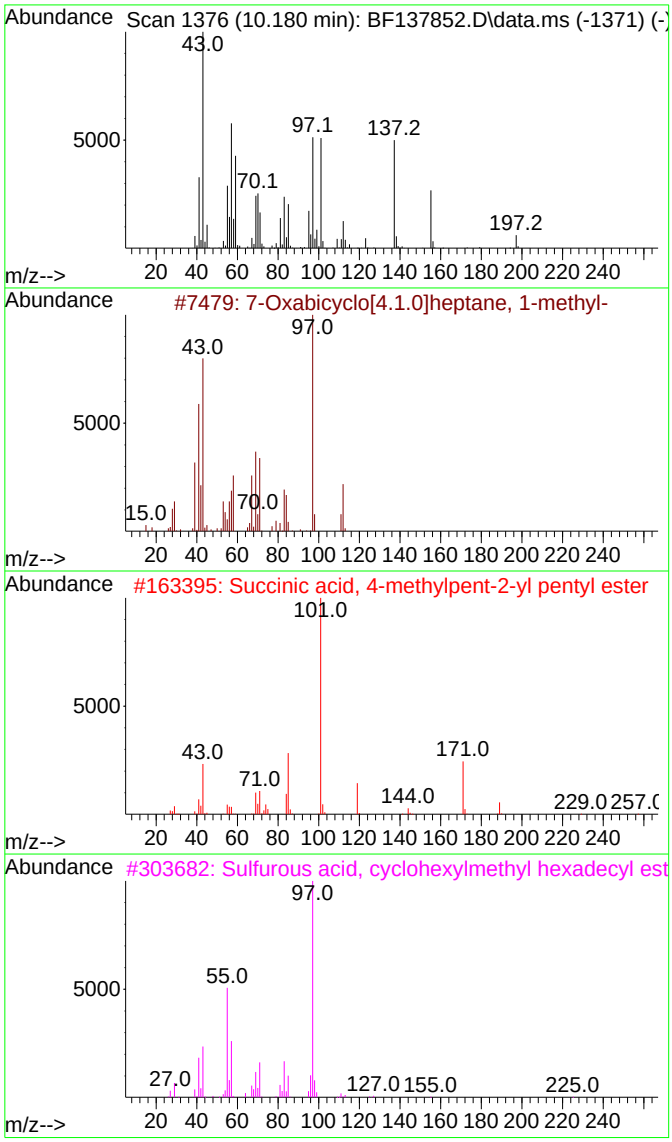
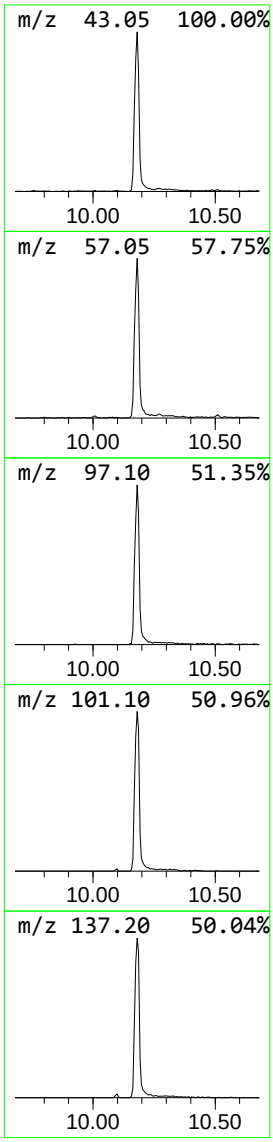
Peak Number 3 unknown10.180 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.180	14.22 ng	1029260	Acenaphthene-d10	10.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	10
2	Succinic acid, 4-methylpent-2-yl...	272	C15H28O4	1000349-22-2	10
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	10
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	10
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	10





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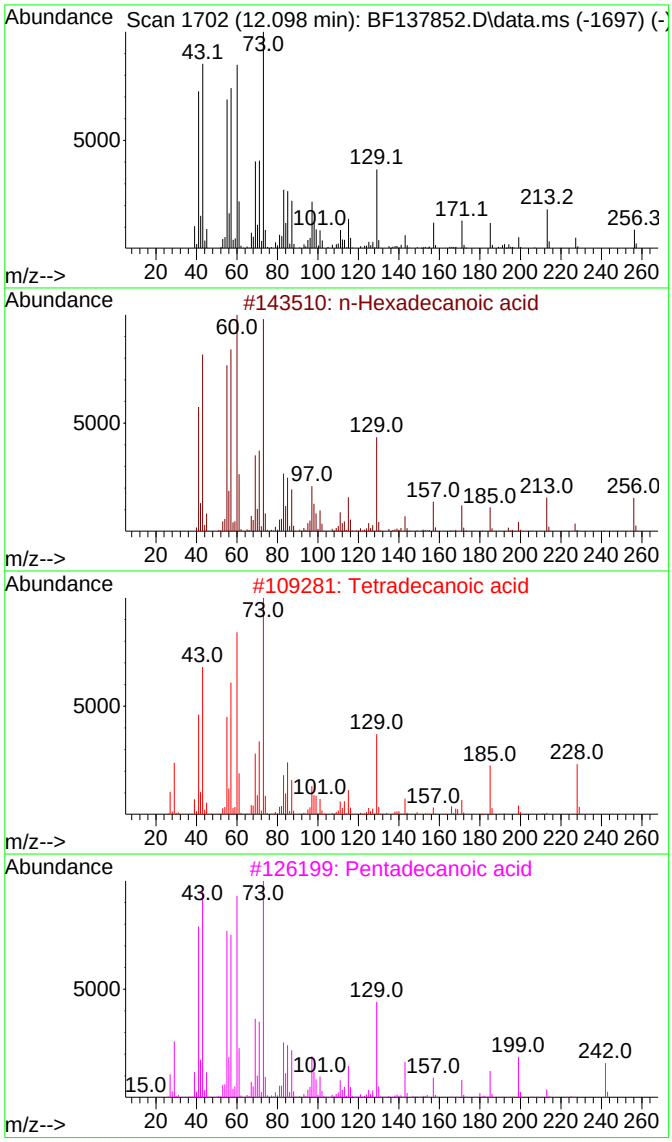
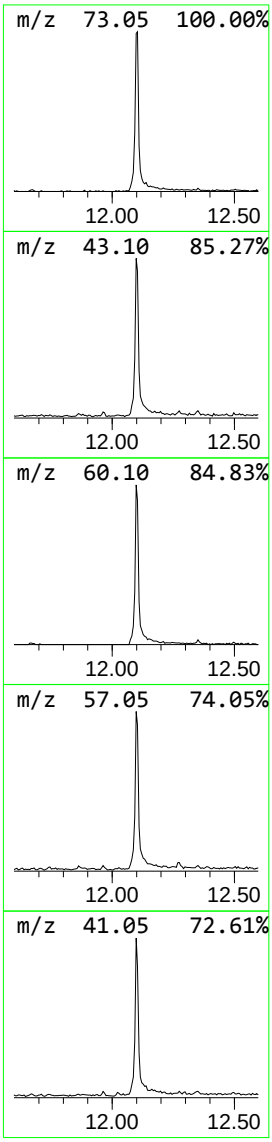
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	7.28 ng	523800	Phenanthrene-d10	11.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64





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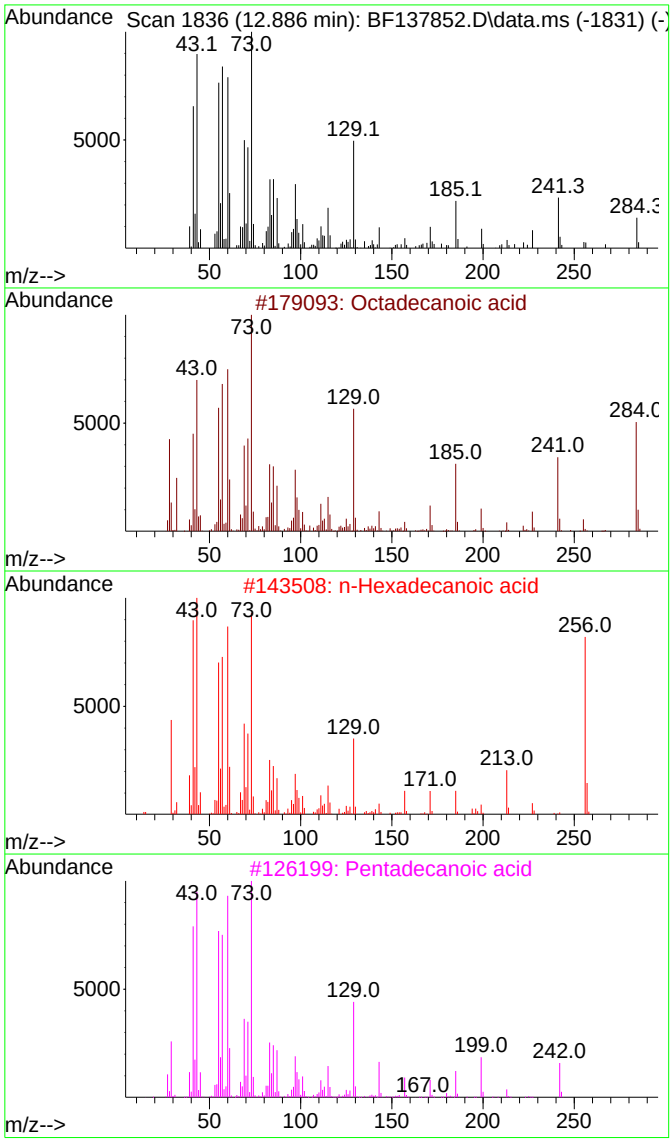
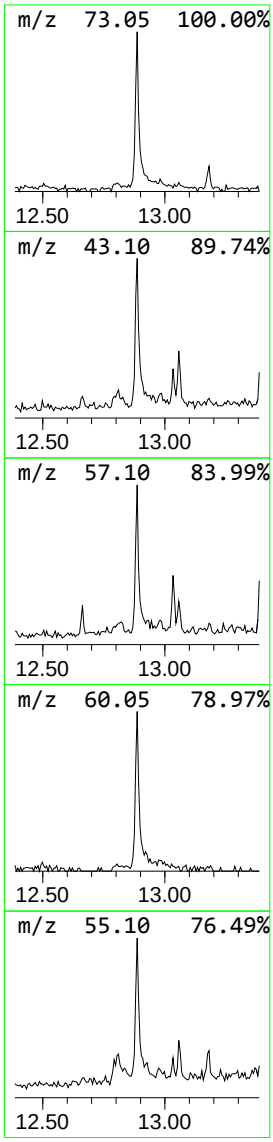
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	2.38 ng	171356	Phenanthrene-d10	11.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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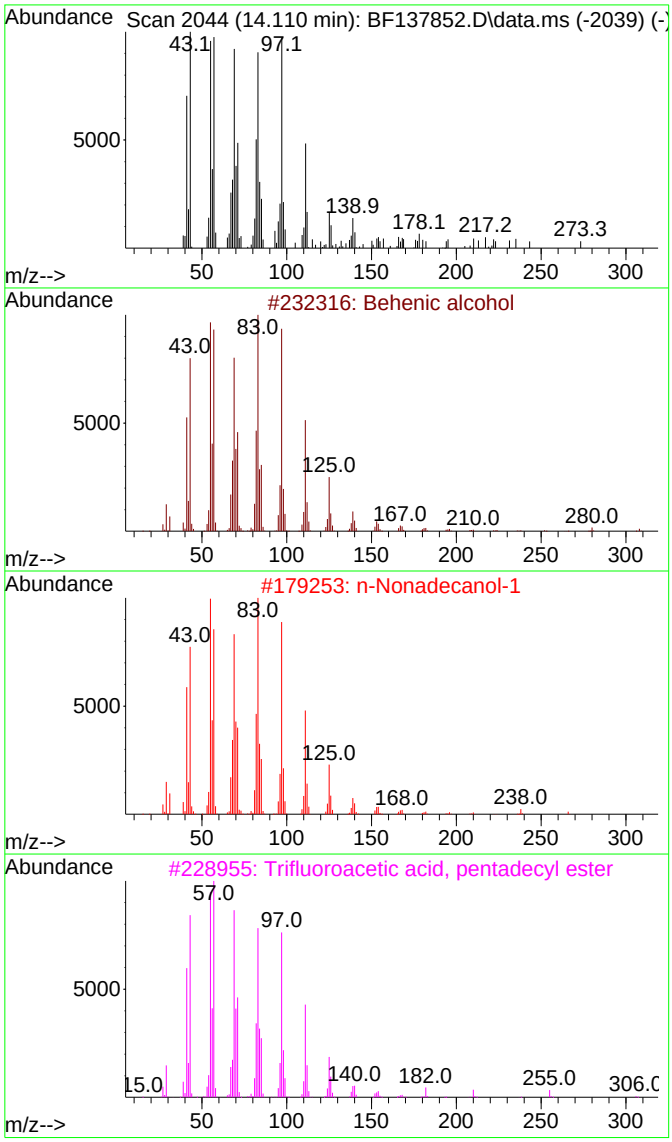
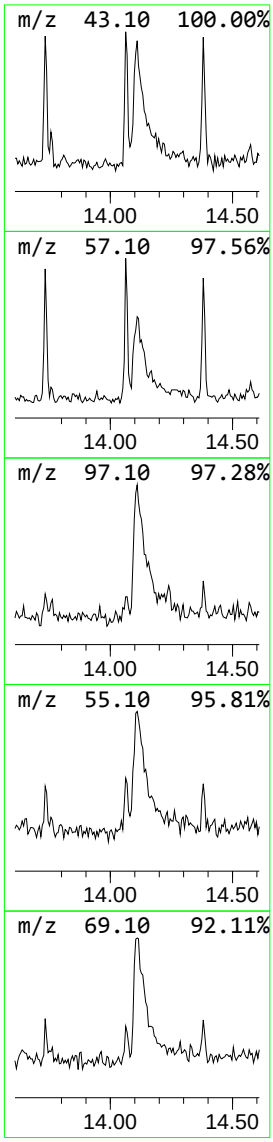
Peak Number 7 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	4.19 ng	192552	Chrysene-d12	14.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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...	2.446	51.3	ng	2206870	1	7.051	861279	20.0
unknown10.180	10.180	14.2	ng	1029260	3	10.098	1447760	20.0
n-Hexadecanoic ...	12.098	7.3	ng	523800	4	11.592	1439580	20.0
Octadecanoic acid	12.886	2.4	ng	171356	4	11.592	1439580	20.0
Behenic alcohol	14.110	4.2	ng	192552	5	14.245	918728	20.0