LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
Data File : BF133576.D
Acq On : 05 Jun 2023 20:44
Operator : CG\JU
Sample : 02983-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB18

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	8	17	23	rBV	42905	59287	2.19%	0.311%
2	5.040	496	502	509	rBV	99302	126629	4.69%	0.665%
3	5.440	565	570	574	rBV	2400763	2497212	92.40%	13.118%
4	6.457	738	743	746	rBV	2580403	2498444	92.45%	13.124%
5	6.834	803	807	810	rBV	1055979	875546	32.40%	4.599%
6	7.392	898	902	905	rBV	1783843	1540595	57.00%	8.093%
7	8.116	1021	1025	1028	rBV	1411417	1089730	40.32%	5.724%
8	9.192	1204	1208	1211	rBV	3476092	2702569	100.00%	14.197%
9	9.869	1320	1323	1327	rVB	1339796	1055782	39.07%	5.546%
10	10.245	1384	1387	1390	rBV	137983	112286	4.15%	0.590%
11	10.580	1441	1444	1447	rBV	150083	131851	4.88%	0.693%
12	10.657	1453	1457	1460	rBV	1768746	1464066	54.17%	7.691%
13	11.357	1572	1576	1579	rBV	1268728	976913	36.15%	5.132%
14	11.886	1663	1666	1670	rBV	130820	122982	4.55%	0.646%
15	12.945	1842	1846	1850	rBV	2404428	2307497	85.38%	12.121%
16	13.851	1998	2000	2003	rVB	38429	37183	1.38%	0.195%
17	13.904	2005	2009	2010	rBV4	34802	48754	1.80%	0.256%
18	13.998	2021	2025	2029	rVB	855988	772317	28.58%	4.057%
19	14.474	2103	2106	2109	rBV	45496	51111	1.89%	0.268%
20	15.457	2269	2273	2278	rBV	464955	566046	20.94%	2.973%

Sum of corrected areas: 19036800

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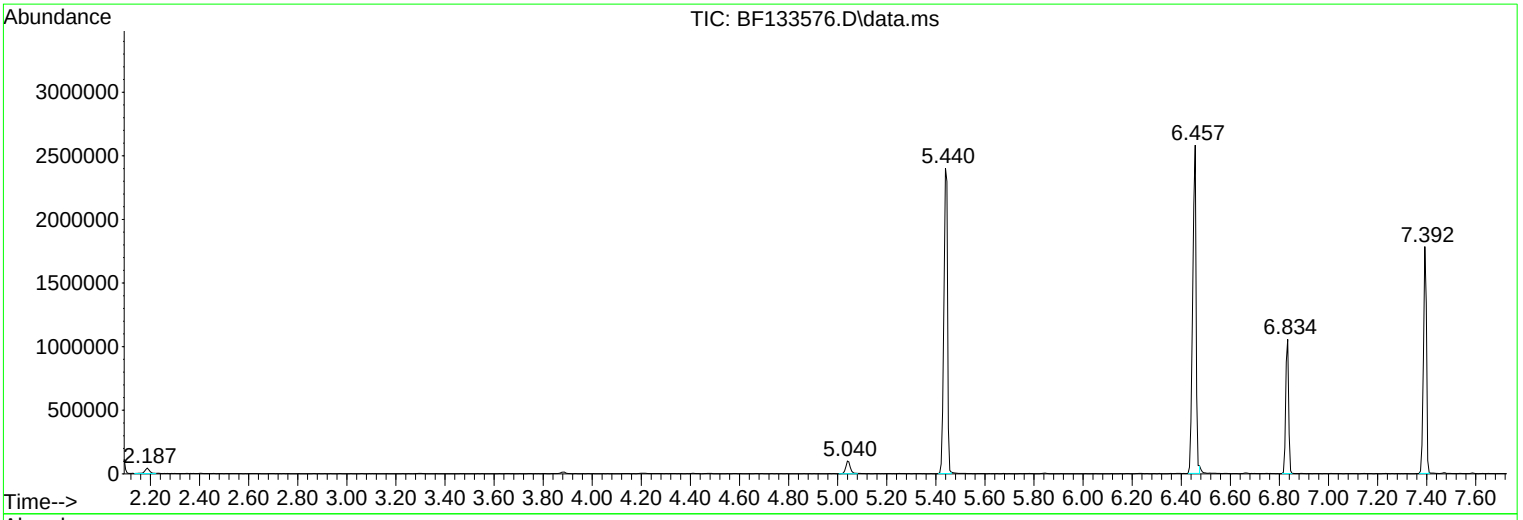
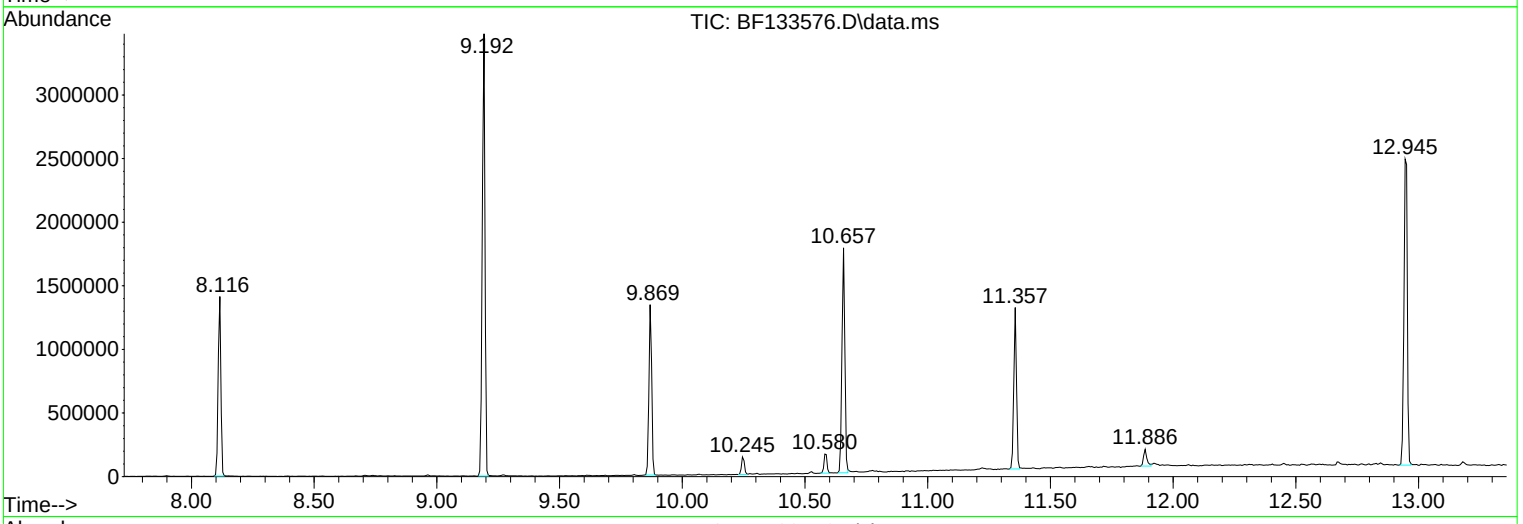
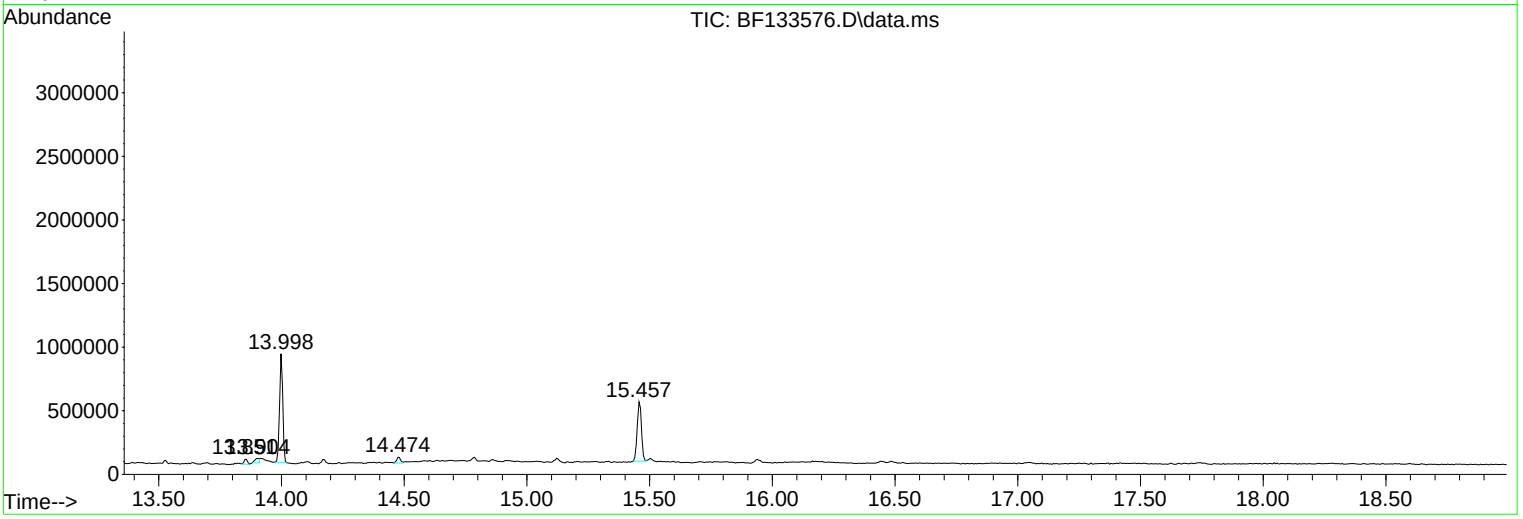
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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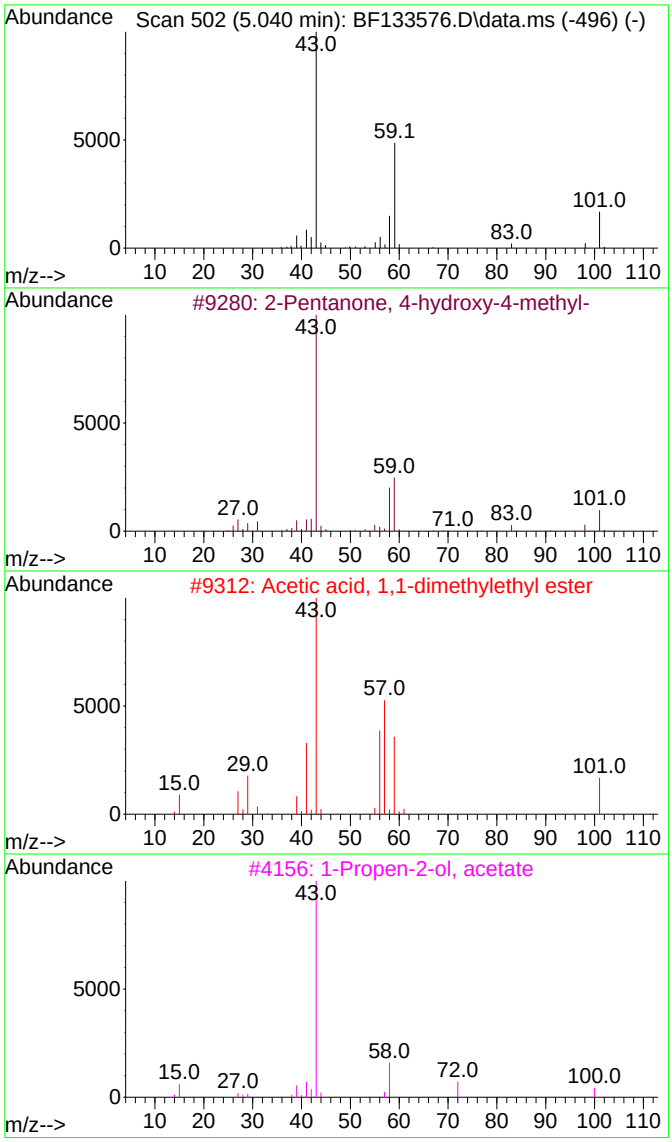
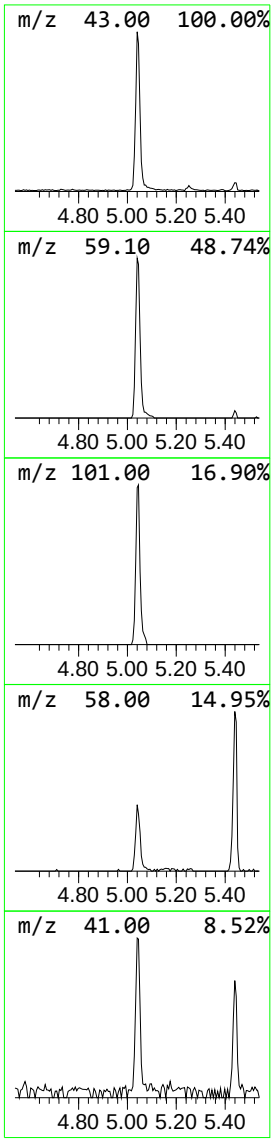
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	2.89 ng	126629	1,4-Dichlorobenzene-d4	6.834

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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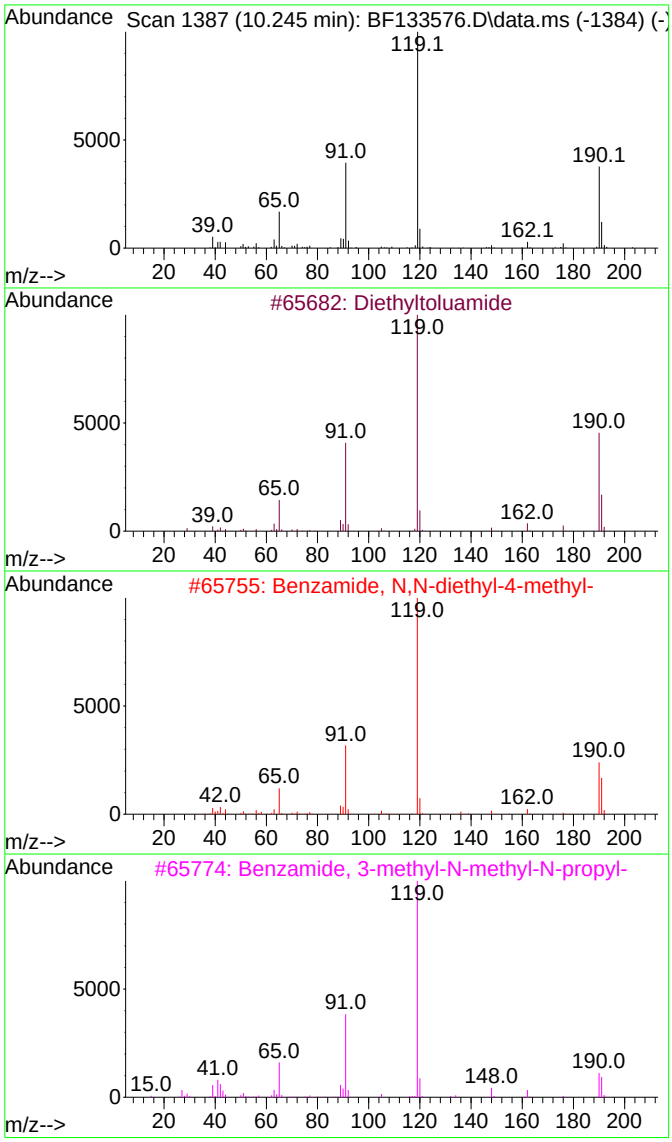
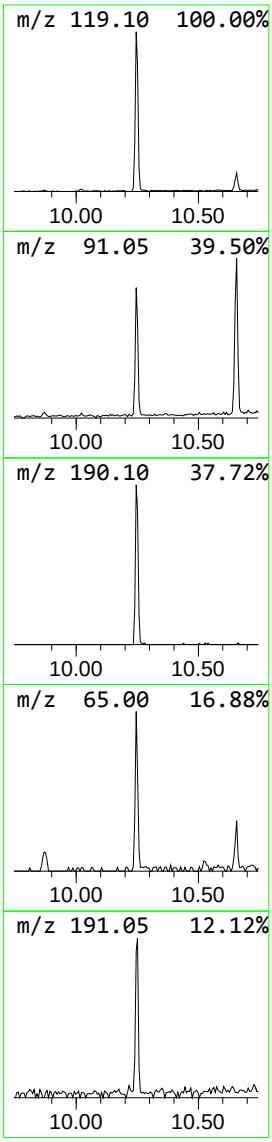
Peak Number 2 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	2.13 ng	112286	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	90
3	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	83





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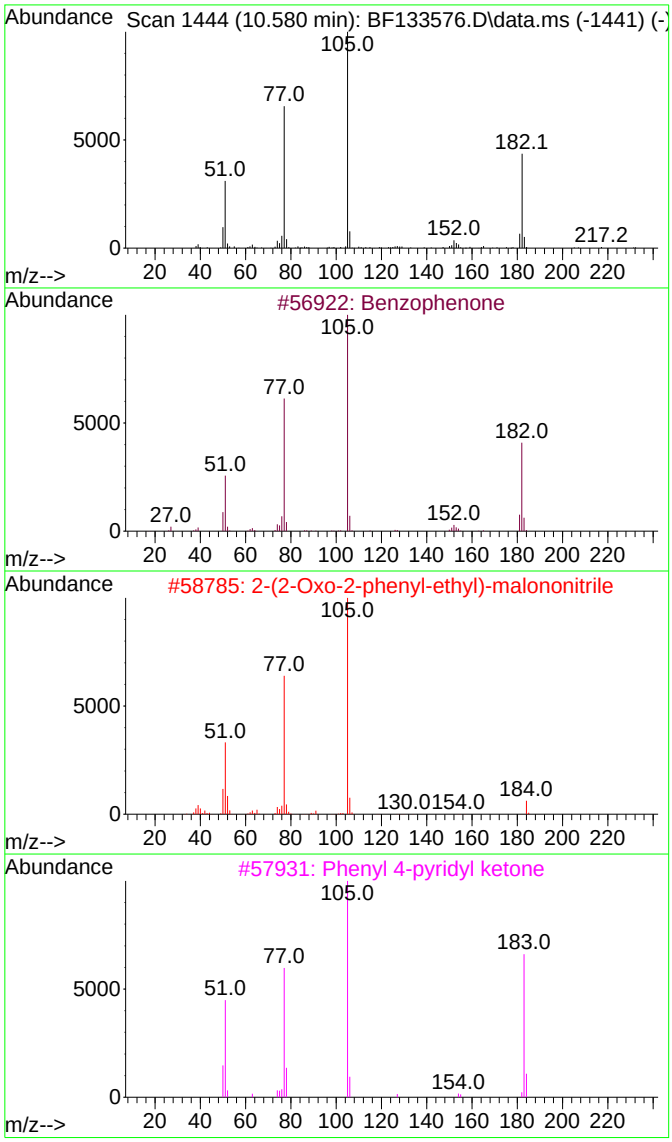
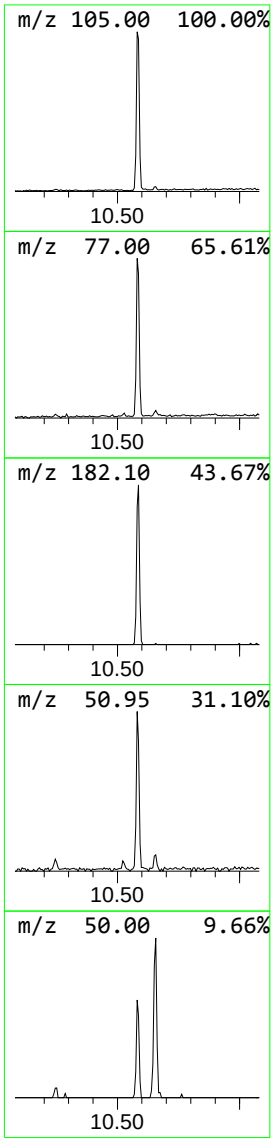
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	2.50 ng	131851	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	52
5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	52





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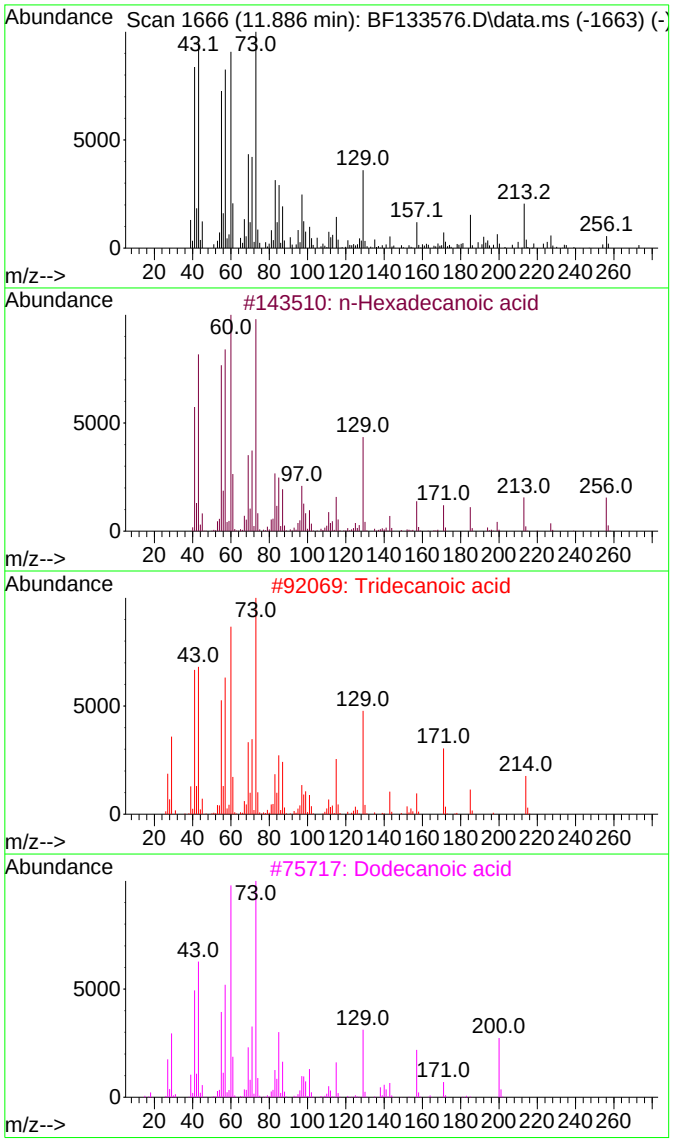
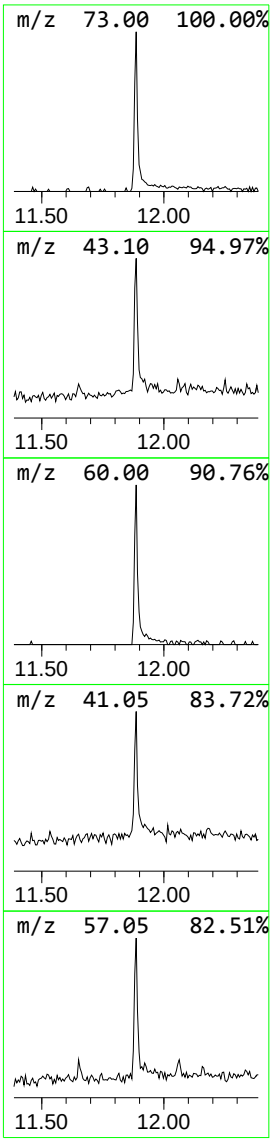
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.52 ng	122982	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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-...	5.040	2.9	ng	126629	1	6.834	875546	20.0
Diethyltoluamide	10.245	2.1	ng	112286	3	9.869	1055780	20.0
Benzophenone	10.580	2.5	ng	131851	3	9.869	1055780	20.0
n-Hexadecanoic ...	11.886	2.5	ng	122982	4	11.357	976913	20.0