LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140212.D
Acq On : 01 Nov 2024 15:47
Operator : RC/JU
Sample : P4663-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-11

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	8	14	23	rVB	1185210	1903638	67.19%	9.007%
2	5.110	509	513	520	rVB	18725	31031	1.10%	0.147%
3	5.504	573	580	585	rBV	1646690	2247053	79.31%	10.631%
4	6.504	744	750	755	rBV	1742029	2366369	83.52%	11.196%
5	6.881	809	814	820	rBV	546151	674045	23.79%	3.189%
6	7.439	903	909	914	rBV	1216778	1616717	57.06%	7.649%
7	7.692	948	952	959	rVB	28544	34597	1.22%	0.164%
8	8.163	1026	1032	1037	rBV	718120	887615	31.33%	4.200%
9	9.239	1209	1215	1220	rBV	2225852	2833219	100.00%	13.405%
10	9.922	1325	1331	1344	rVB	806545	1017249	35.90%	4.813%
11	10.245	1377	1386	1392	rBV	14016	43596	1.54%	0.206%
12	10.639	1448	1453	1460	rBV	308226	382837	13.51%	1.811%
13	10.716	1460	1466	1482	rBV	1270944	1664554	58.75%	7.876%
14	11.416	1580	1585	1593	rBV	765493	978050	34.52%	4.627%
15	11.945	1670	1675	1686	rVV	396566	608899	21.49%	2.881%
16	12.633	1788	1792	1800	rBV	36239	69927	2.47%	0.331%
17	12.733	1805	1809	1817	rBV	65423	113258	4.00%	0.536%
18	12.863	1828	1831	1837	rBV2	24439	33358	1.18%	0.158%
19	13.010	1850	1856	1861	rBV	1670801	2175076	76.77%	10.291%
20	13.910	2005	2009	2024	rBV	122150	230910	8.15%	1.093%
21	14.068	2030	2036	2045	rBV	433936	625866	22.09%	2.961%
22	15.568	2285	2291	2303	rVB	345773	597959	21.11%	2.829%

Sum of corrected areas: 21135823

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ClientSampleId :
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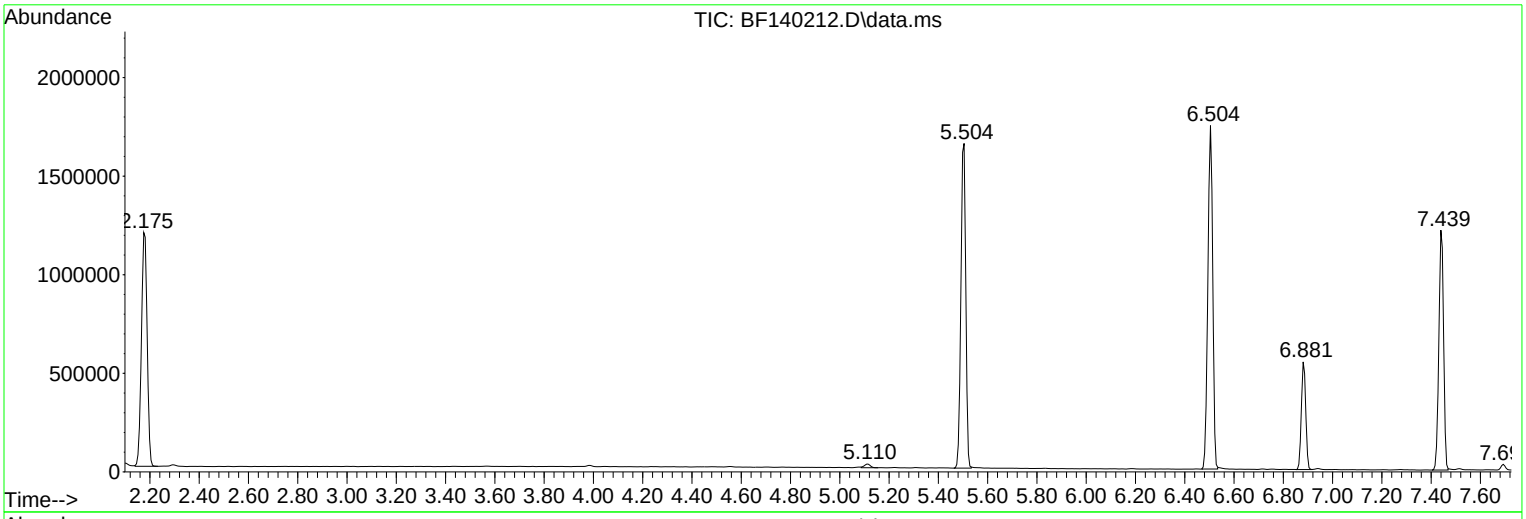
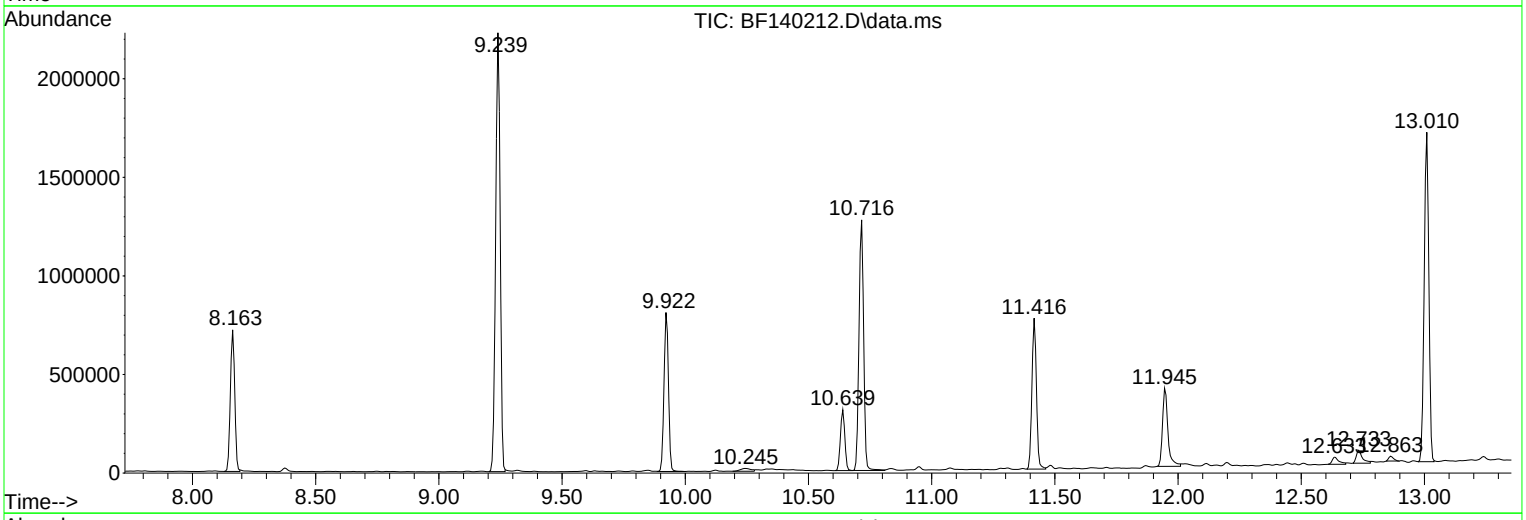
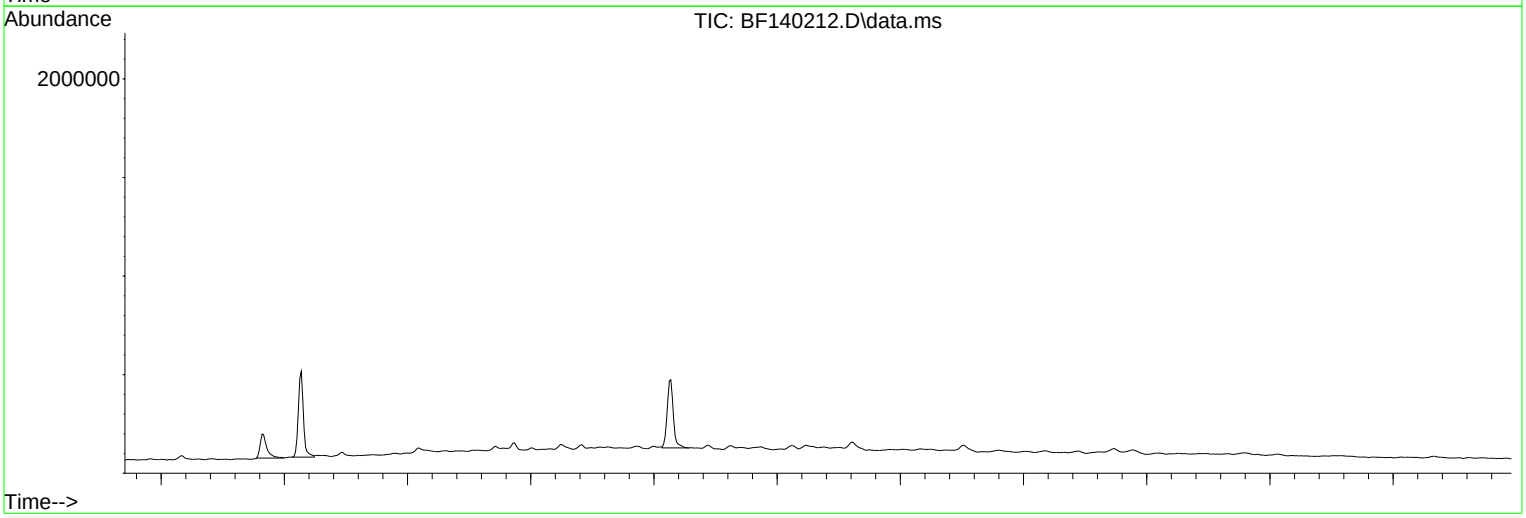
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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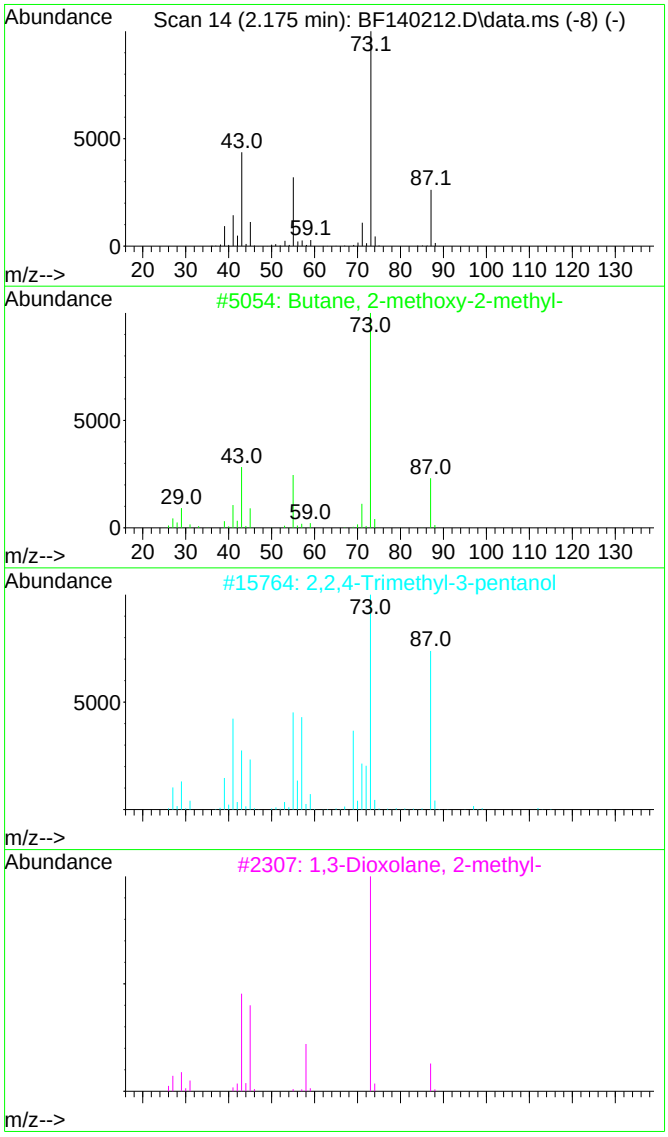
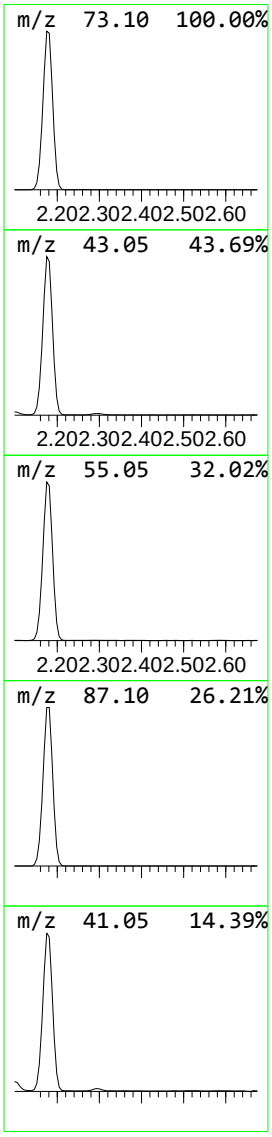
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	56.48 ng	1903640	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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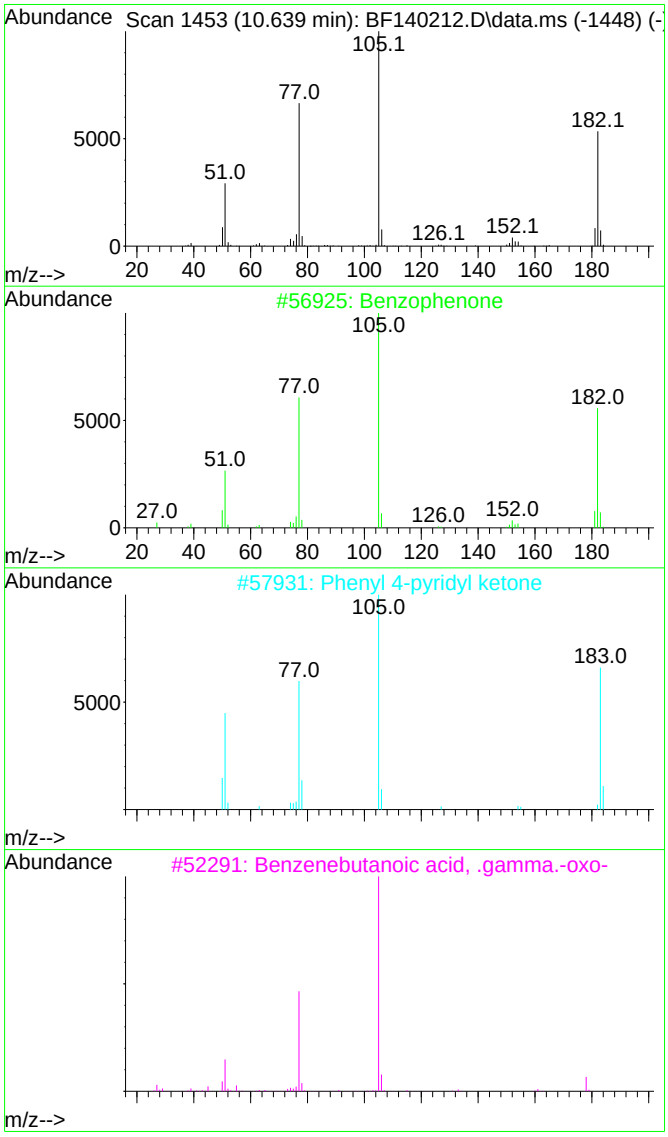
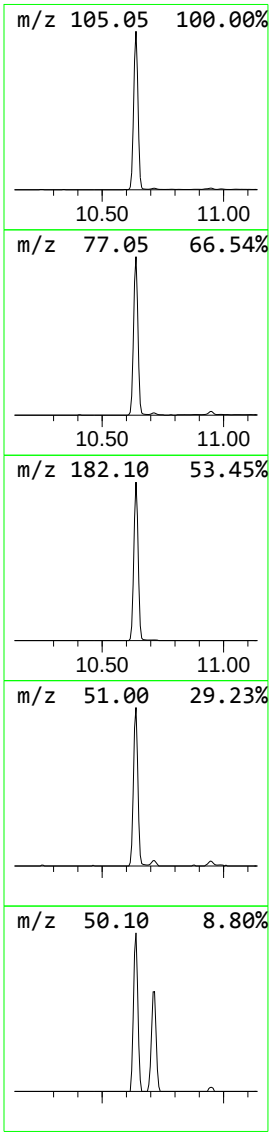
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	7.53 ng	382837	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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Sample : P4663-04
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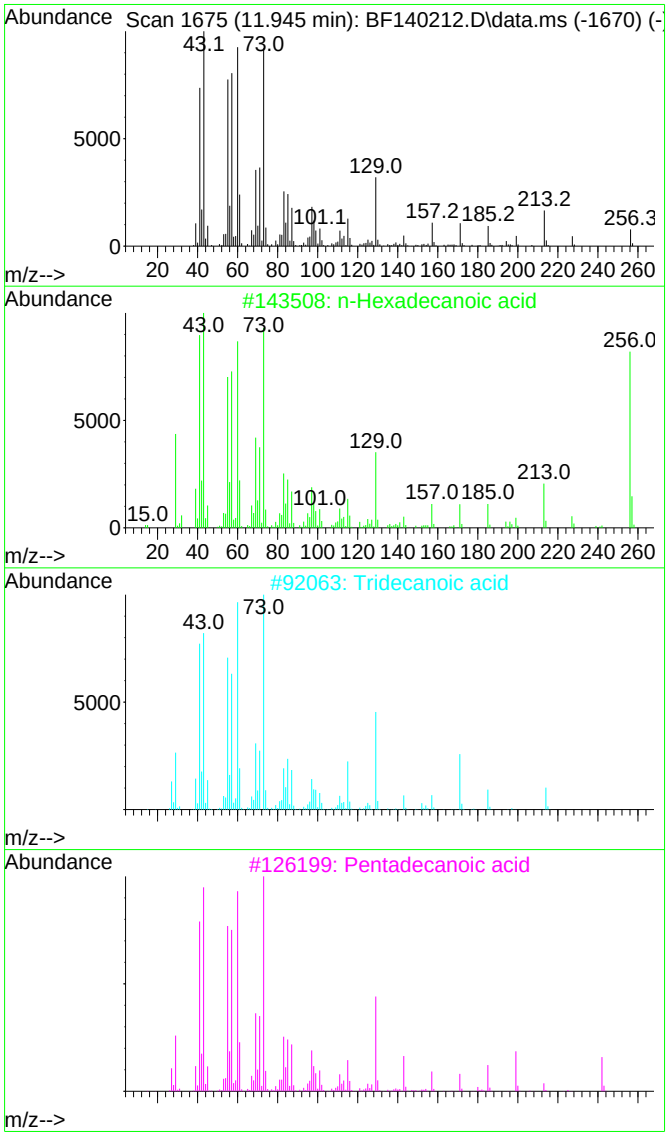
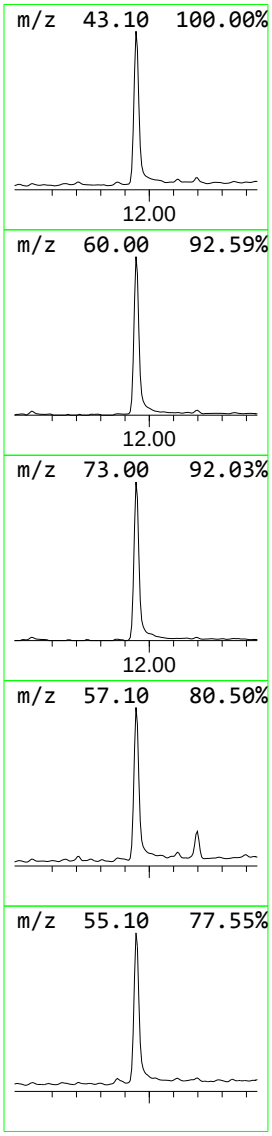
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	12.45 ng	608899	Phenanthrene-d10	11.416

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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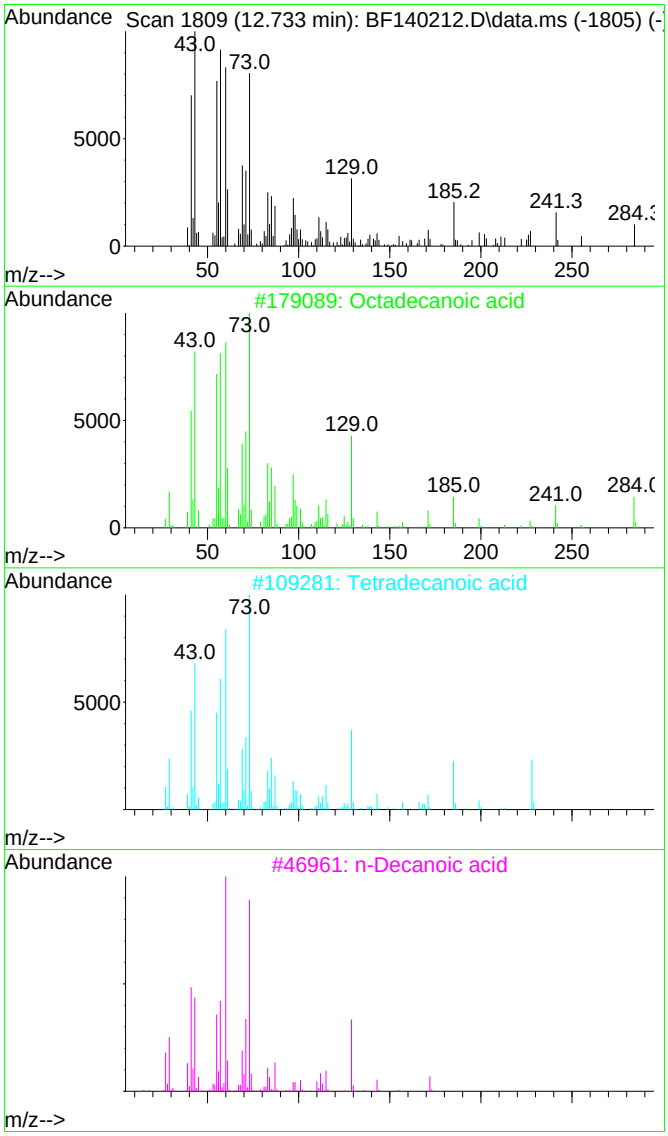
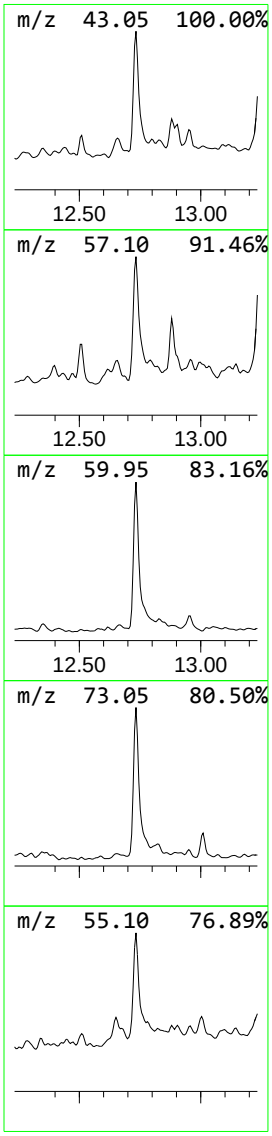
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.32 ng	113258	Phenanthrene-d10	11.416

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	81
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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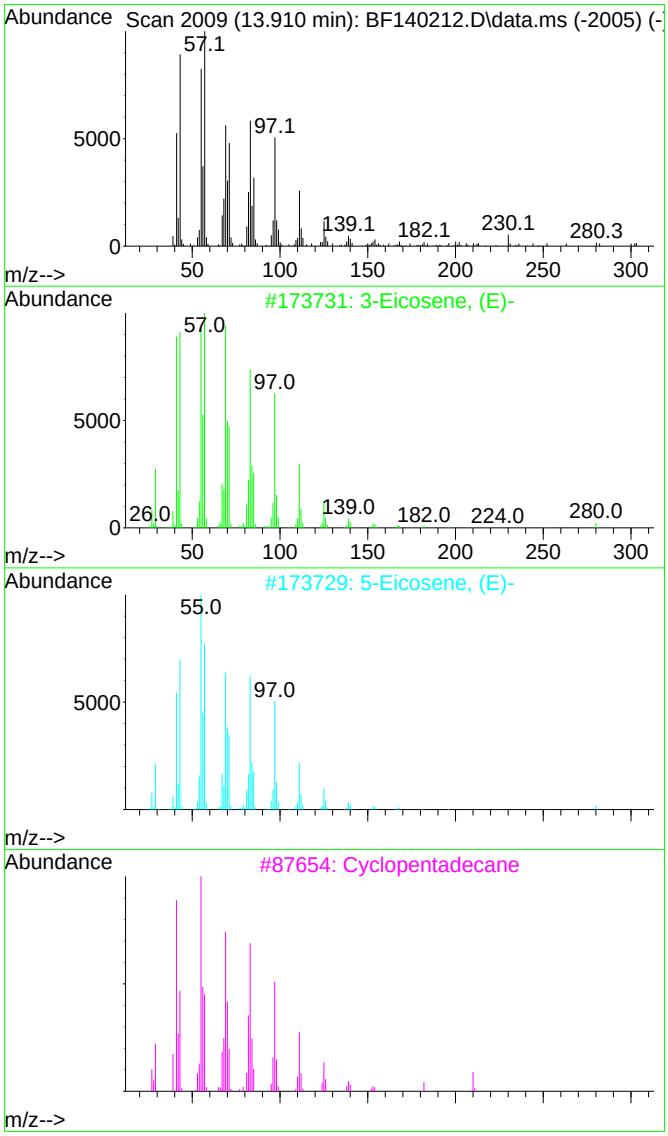
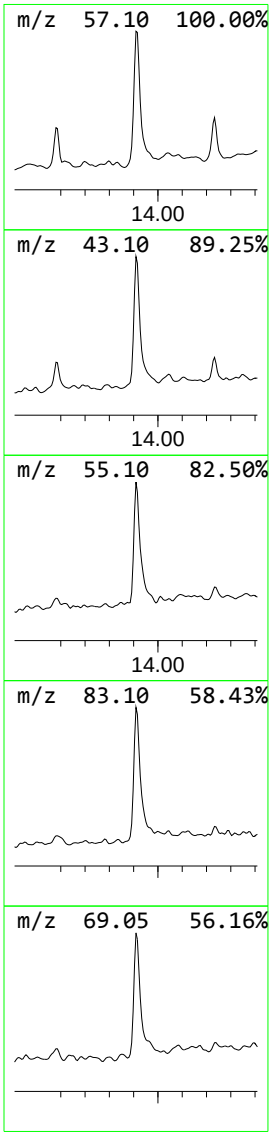
Peak Number 5 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	7.38 ng	230910	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	Cyclopentadecane	210	C15H30	000295-48-7	96
4	1-Eicosene	280	C20H40	003452-07-1	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94





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...	2.175	56.5	ng	1903640	1	6.881	674045	20.0
Benzophenone	10.639	7.5	ng	382837	3	9.922	1017250	20.0
n-Hexadecanoic ...	11.945	12.4	ng	608899	4	11.416	978050	20.0
Octadecanoic acid	12.733	2.3	ng	113258	4	11.416	978050	20.0
3-Eicosene, (E)-	13.910	7.4	ng	230910	5	14.069	625866	20.0