LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087340.D
Acq On : 24 May 2016 14:02
Operator : UM/SJ
Sample : H3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.690	6	9	59	rVB	2863680	8246675	100.00%	19.135%
2	4.890	286	289	305	rBV	181761	501659	6.08%	1.164%
3	5.530	343	345	366	rBV	2444129	3777244	45.80%	8.765%
4	7.153	484	487	494	rBV	2432454	3802029	46.10%	8.822%
5	7.267	494	497	506	rVB	2948619	3989432	48.38%	9.257%
6	7.610	524	527	537	rVB	703733	934087	11.33%	2.167%
7	7.850	545	548	558	rBV	1924728	2917770	35.38%	6.770%
8	8.525	604	607	609	rBV	1855355	2399938	29.10%	5.569%
9	9.645	702	705	721	rBV	733098	1224361	14.85%	2.841%
10	11.416	857	860	863	rBV	2903586	4164608	50.50%	9.663%
11	12.114	919	921	925	rBV	269911	388733	4.71%	0.902%
12	12.468	949	952	958	rBV	1020740	1380619	16.74%	3.204%
13	13.302	1023	1025	1028	rVB	118865	136547	1.66%	0.317%
14	13.759	1062	1065	1068	rBV	1518068	2374072	28.79%	5.509%
15	14.079	1090	1093	1098	rBV	108904	181789	2.20%	0.422%
16	14.868	1160	1162	1171	rVB	735758	1213520	14.72%	2.816%
17	17.051	1351	1353	1356	rBV	218264	235989	2.86%	0.548%
18	17.211	1364	1367	1370	rBV	2928702	3353391	40.66%	7.781%
19	17.977	1431	1434	1437	rBV	149747	157295	1.91%	0.365%
20	18.560	1482	1485	1495	rVB	586667	1039705	12.61%	2.413%
21	20.217	1628	1630	1636	rVV	439795	677046	8.21%	1.571%

Sum of corrected areas: 43096509

LSC Report - Integrated Chromatogram

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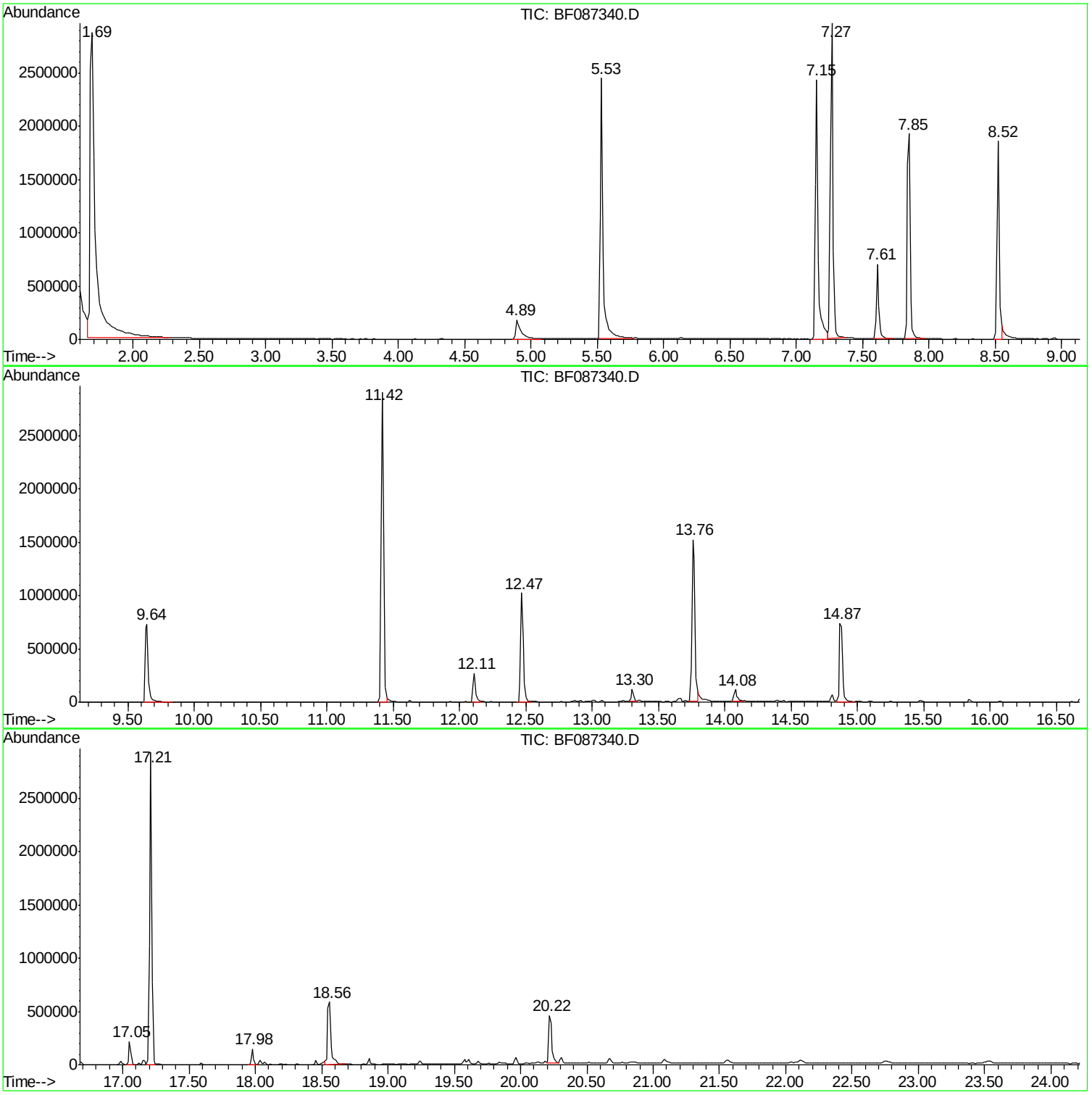
BNA_F
ClientSampleId :
SB-06-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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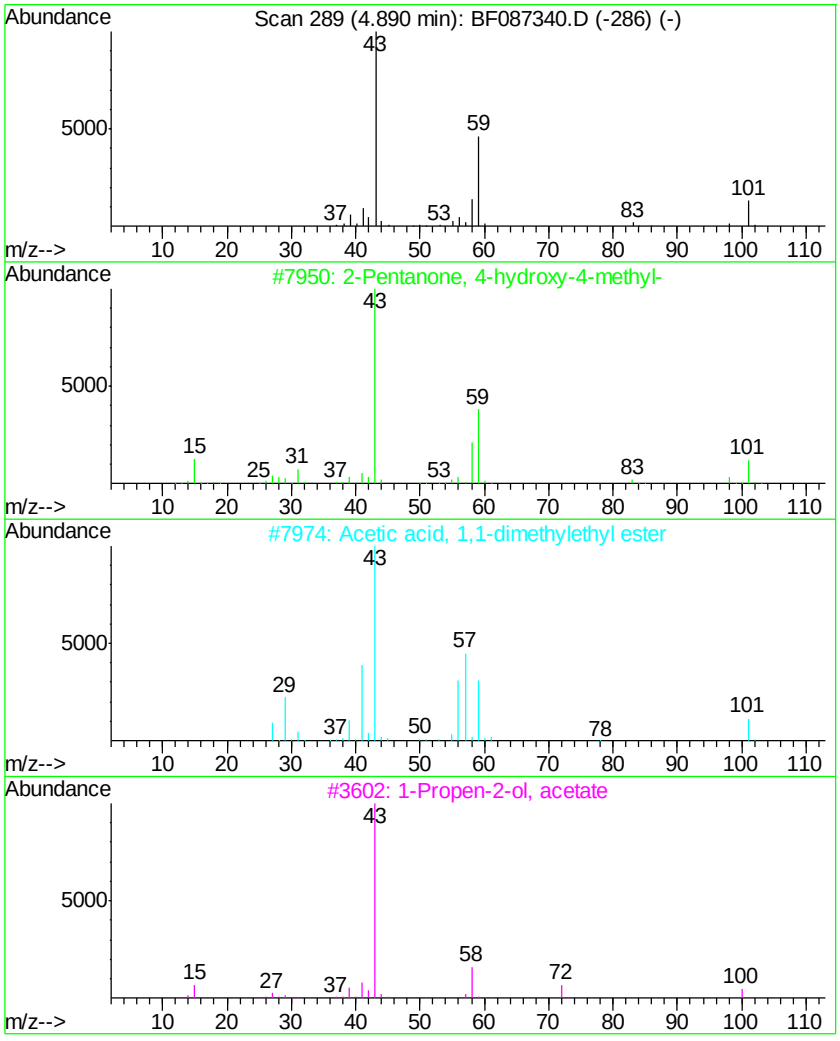
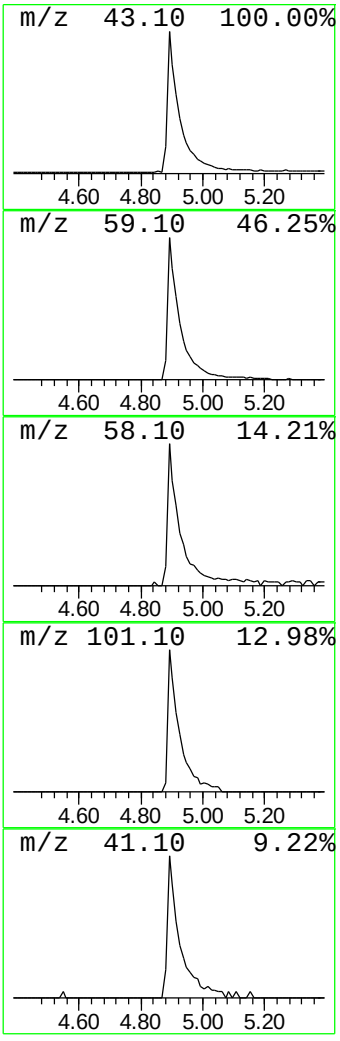
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	10.74 ng	501659	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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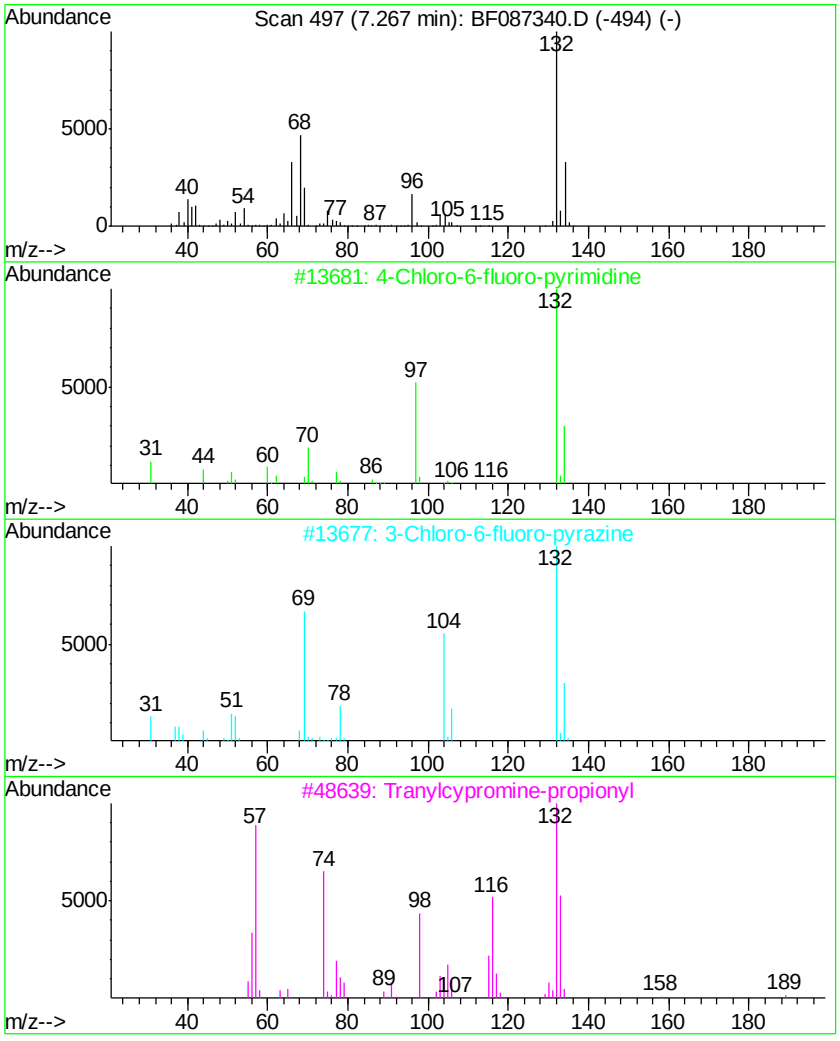
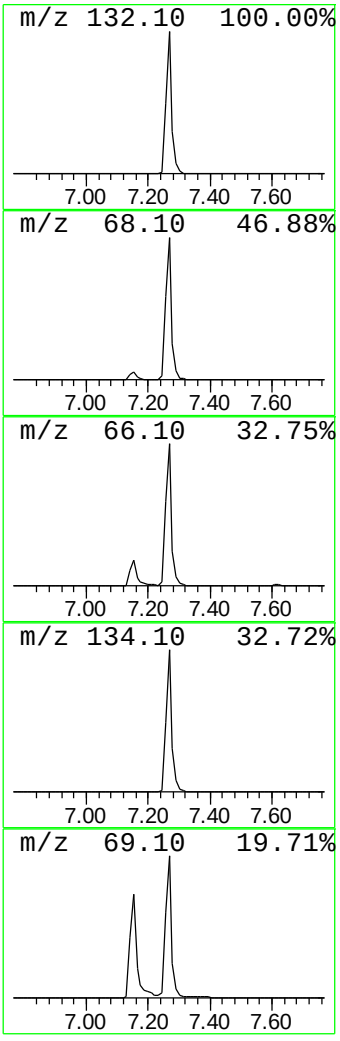
Peak Number 3 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	85.42 ng	3989430	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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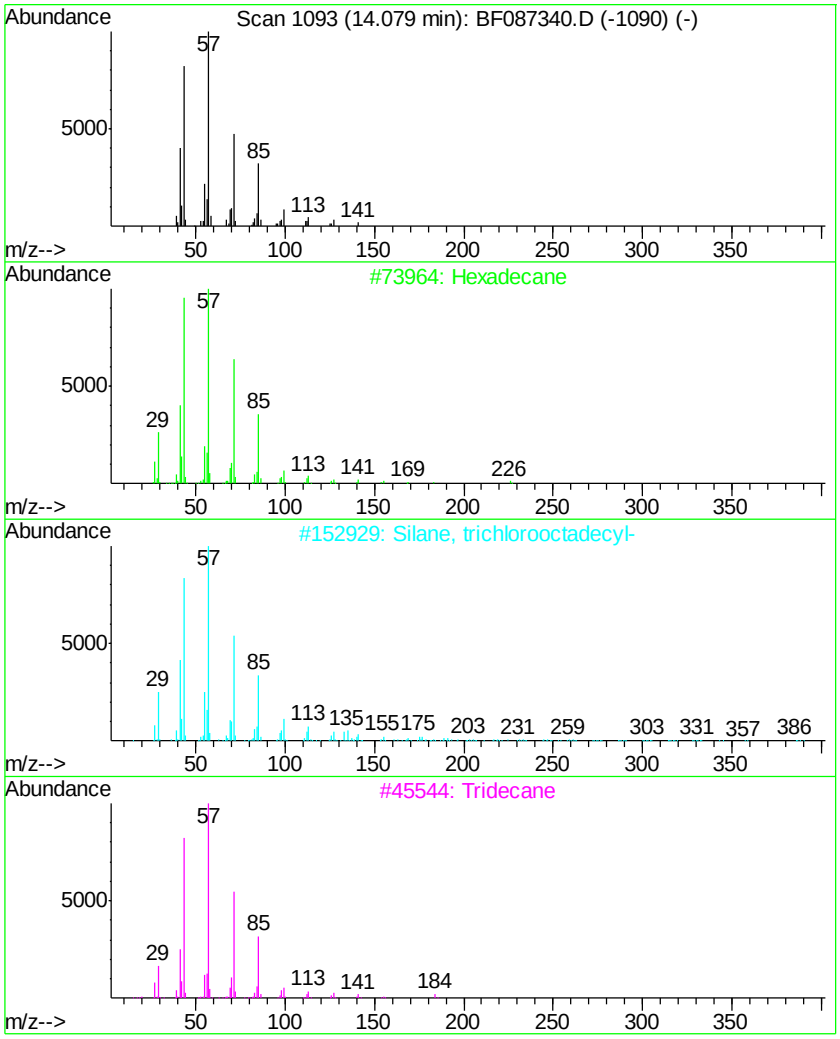
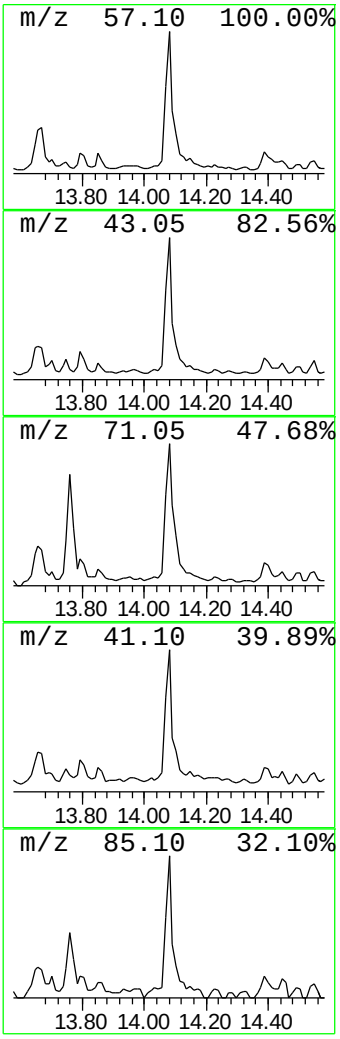
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.00 ng	181789	Phenanthrene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Octadecane	254	C18H38	000593-45-3	80





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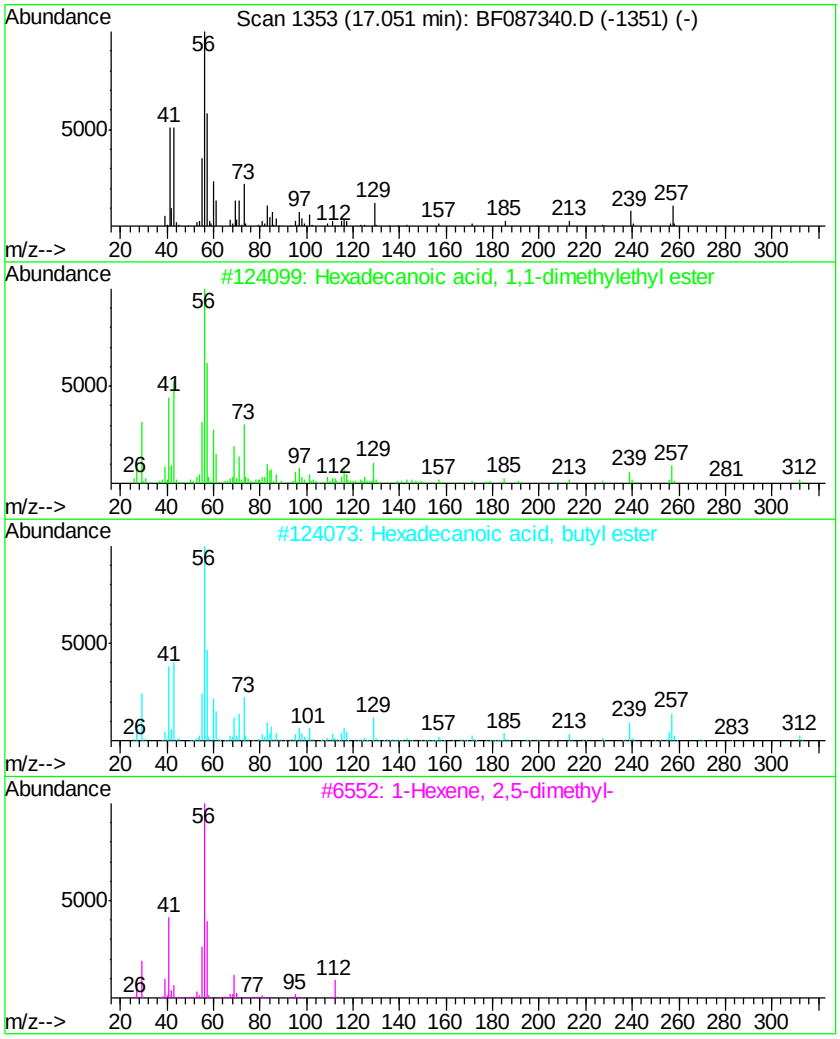
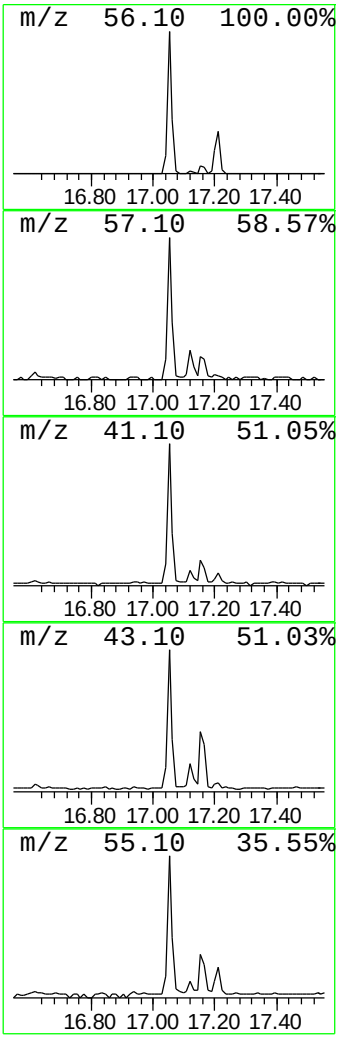
Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	4.54 ng	235989	Chrysene-d12	18.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35





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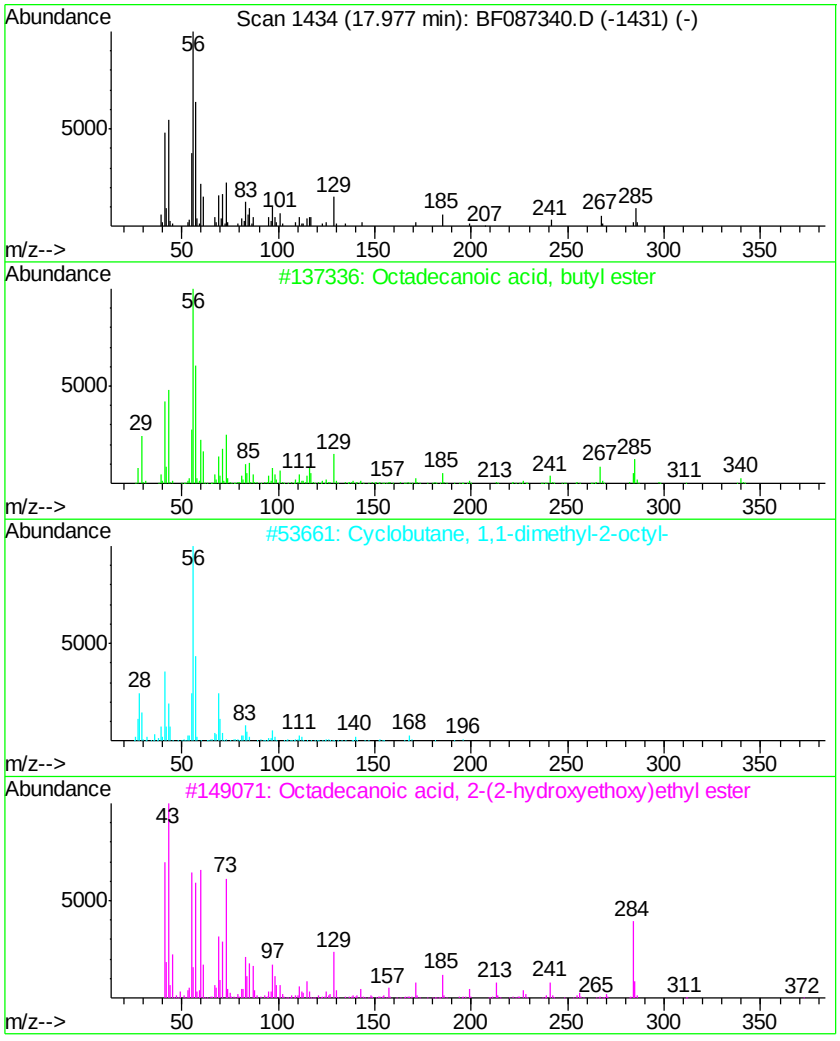
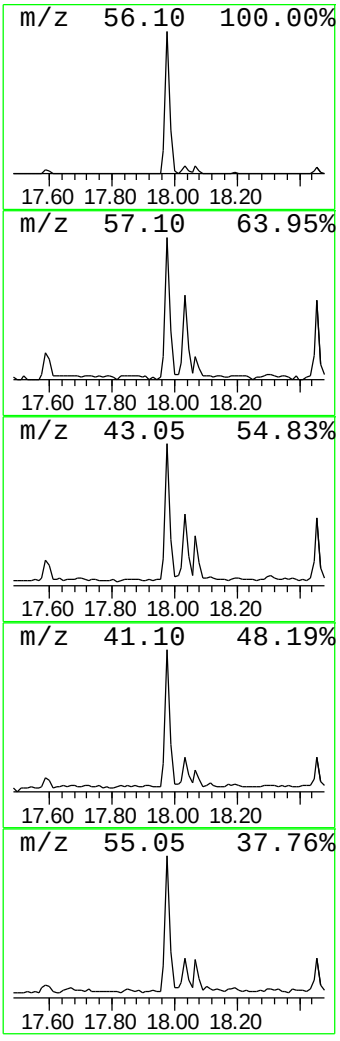
Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.03 ng	157295	Chrysene-d12	18.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	38
4	Octadecanoic acid	284	C18H36O2	000057-11-4	38
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	10.7	ng	501659	1	7.61	934087	20.0
unknown7.27	7.27	85.4	ng	3989430	1	7.61	934087	20.0
Hexadecane	14.08	3.0	ng	181789	4	14.88	1213520	20.0
Hexadecanoic acid...	17.05	4.5	ng	235989	5	18.56	1039710	20.0
Octadecanoic acid...	17.98	3.0	ng	157295	5	18.56	1039710	20.0