LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081322.D
Acq On : 2 Sep 2015 00:44
Operator : UM/IZ
Sample : G3479-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-3-5(0-2)

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-BF090115.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	4.456	247	251	267	rVB	775373	1458342	69.42%	8.040%
2	4.947	290	294	296	rBV	1461144	1973482	93.94%	10.879%
3	6.056	388	391	393	rBV	1799504	2100732	100.00%	11.581%
4	6.159	397	400	402	rBV	1609557	1967670	93.67%	10.847%
5	6.387	418	420	422	rBV	430101	356707	16.98%	1.966%
6	6.547	431	434	436	rBV	1271888	1437518	68.43%	7.925%
7	6.970	468	471	473	rBV	905499	1311904	62.45%	7.232%
8	7.679	530	533	535	rBV	478862	462222	22.00%	2.548%
9	8.765	625	628	630	rBV	1455876	1967429	93.65%	10.846%
10	9.165	660	663	665	rBV	292351	298247	14.20%	1.644%
11	9.416	682	685	687	rVB	569247	486223	23.15%	2.680%
12	9.862	721	724	727	rBB	17727	31162	1.48%	0.172%
13	10.193	751	753	756	rBV2	868723	1039072	49.46%	5.728%
14	10.353	765	767	771	rVB	21983	27700	1.32%	0.153%
15	10.879	811	813	815	rBV	599042	491179	23.38%	2.708%
16	11.451	861	863	867	rBV2	47513	56366	2.68%	0.311%
17	12.468	949	952	954	rBV	1786405	1648274	78.46%	9.087%
18	13.394	1030	1033	1039	rBV	115321	238586	11.36%	1.315%
19	13.485	1039	1041	1044	rVV	457449	404680	19.26%	2.231%
20	14.799	1154	1156	1158	rBV	323803	325526	15.50%	1.795%
21	15.280	1193	1198	1206	rVB5	14931	56472	2.69%	0.311%

Sum of corrected areas: 18139493

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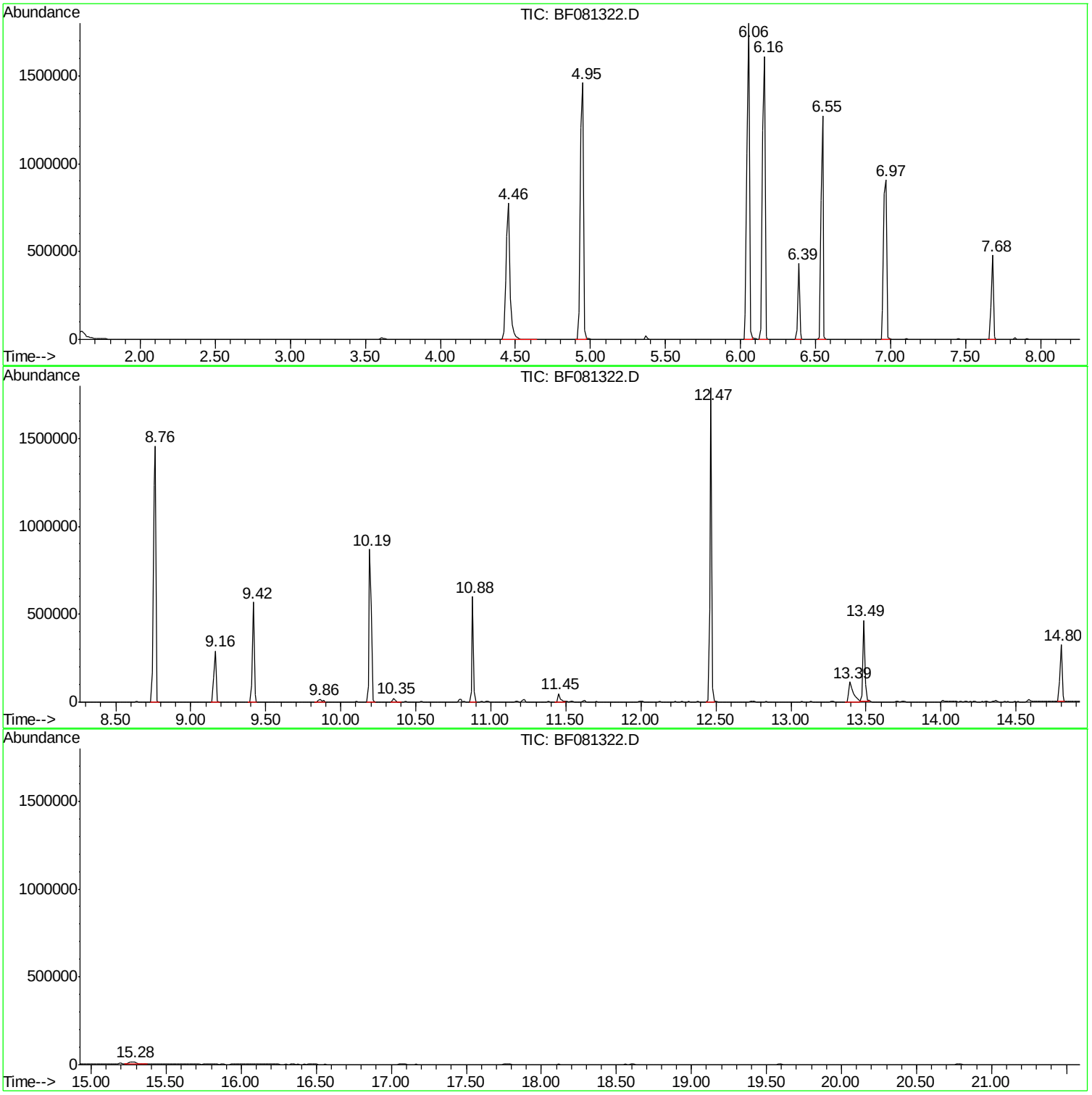
ClientSampleId :
COFF-3-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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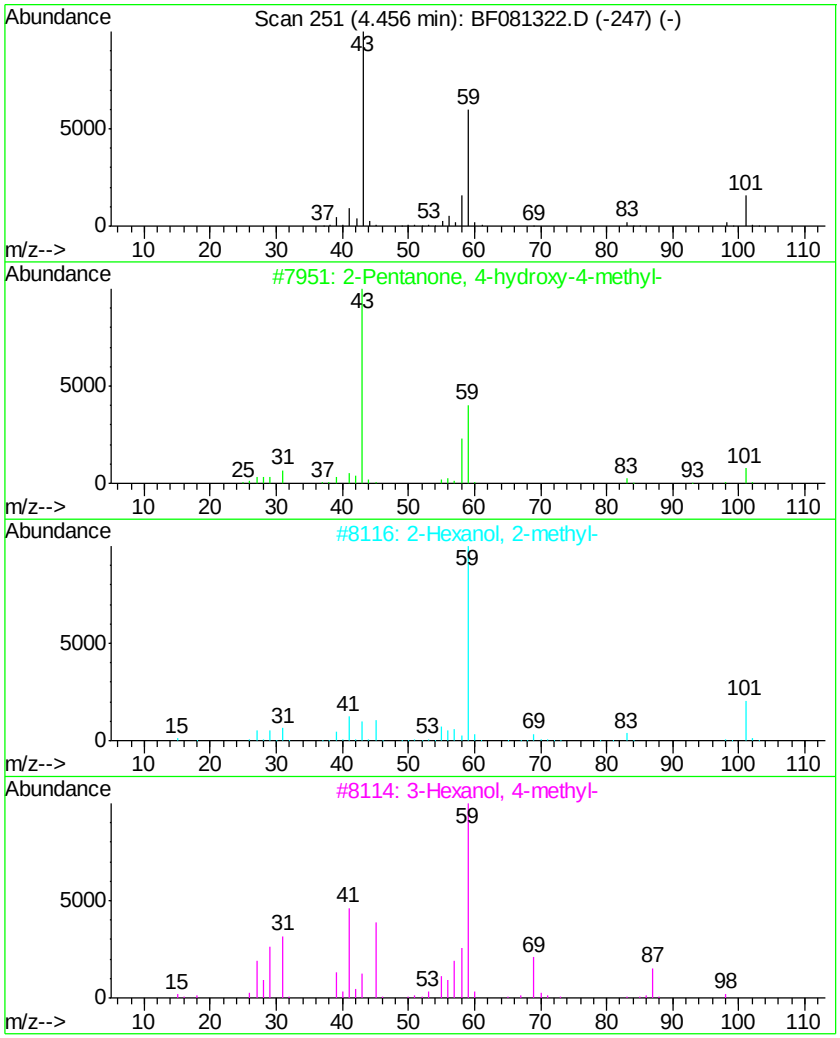
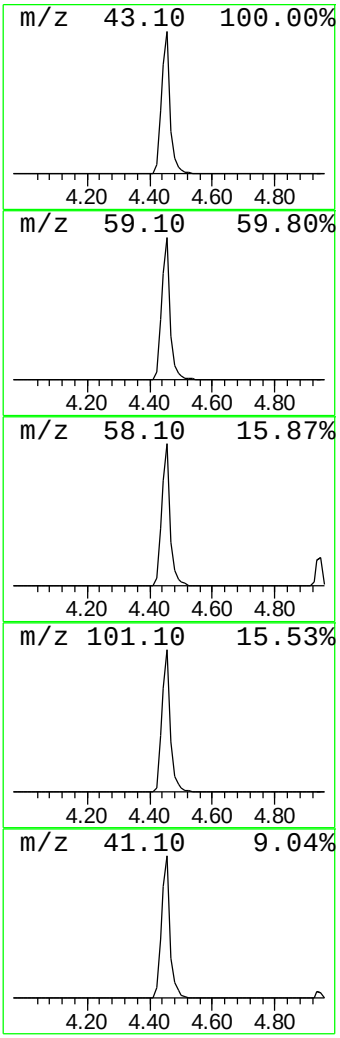
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	81.77 ng	1458340	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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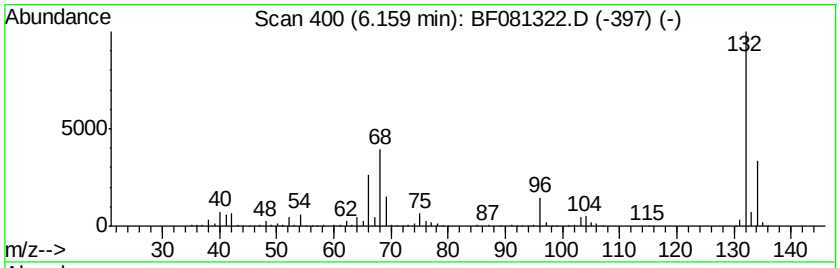
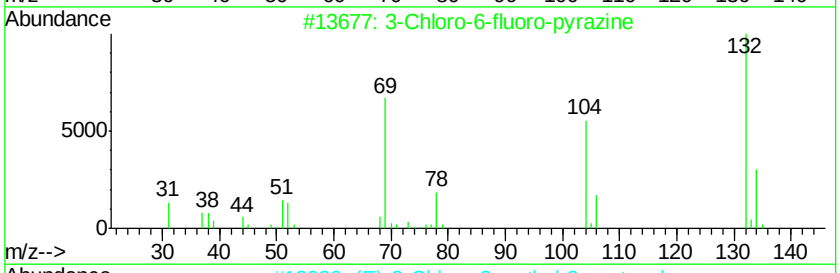
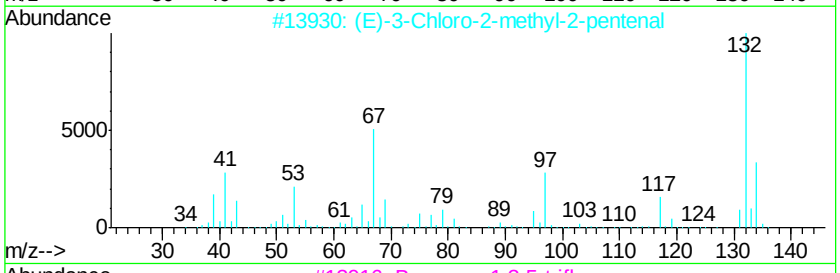
Peak Number 2 unknown6.16 Concentration Rank 1

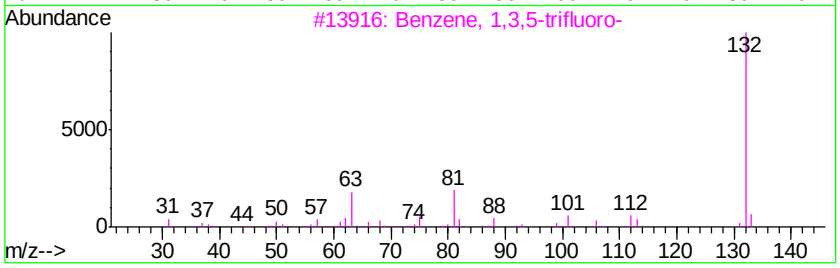
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	110.32 ng	1967670	1,4-Dichlorobenzene-d4	6.39

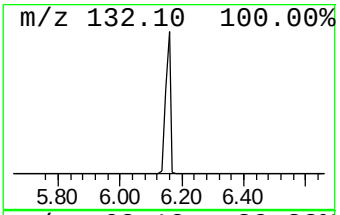
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9

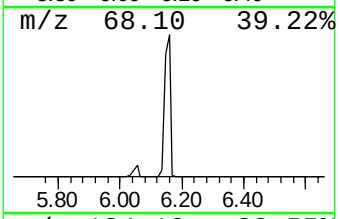


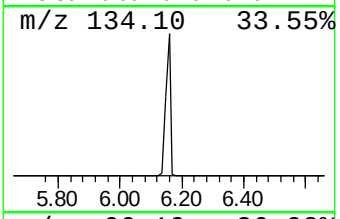


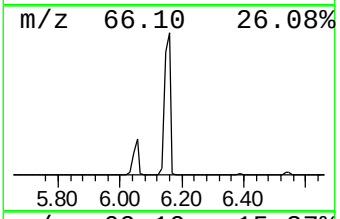


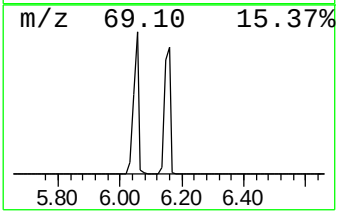












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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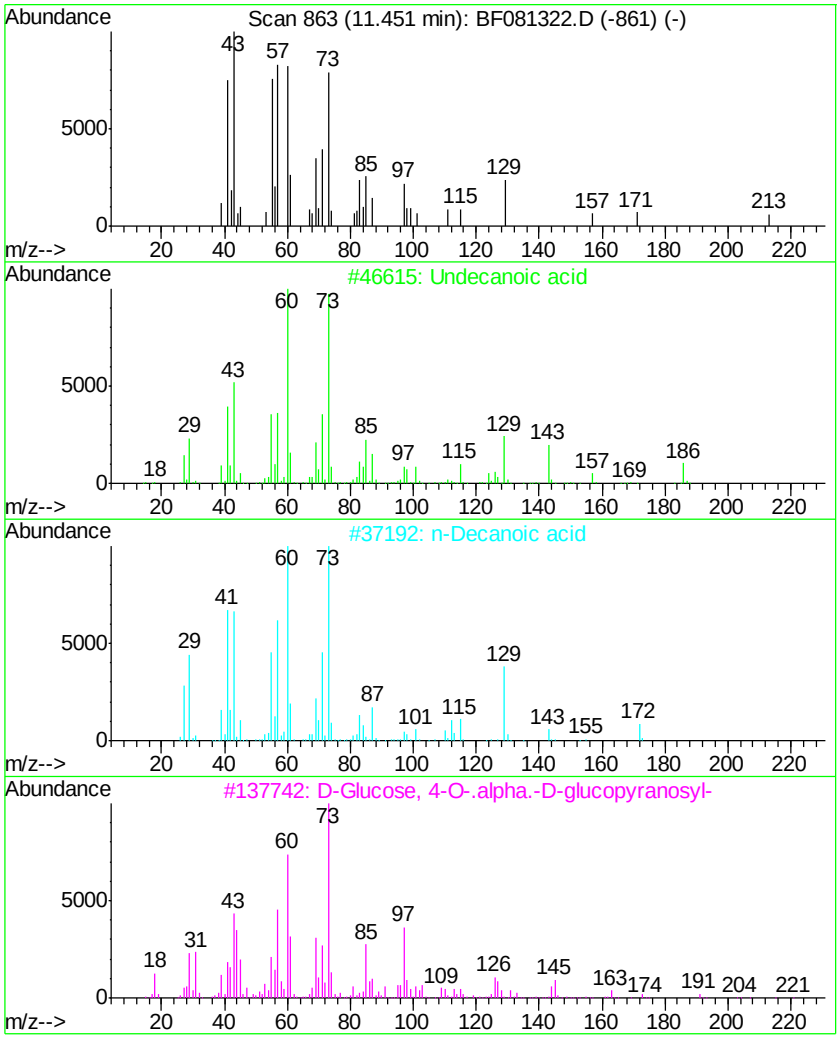
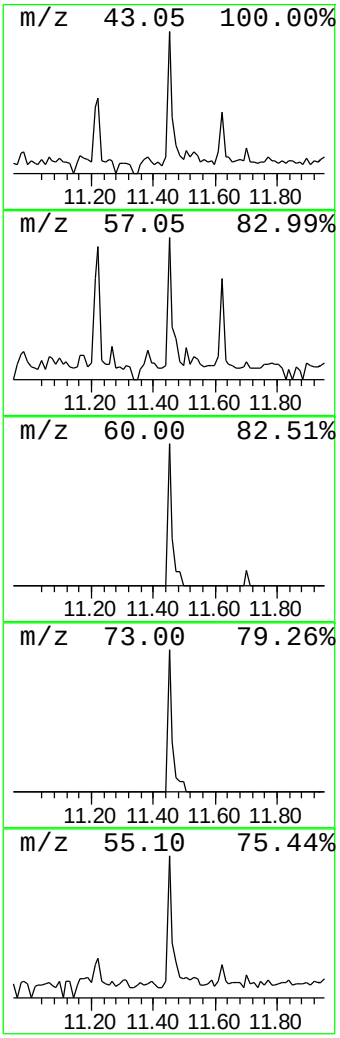
Peak Number 4 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.30 ng	56366	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	47
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	35
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	22





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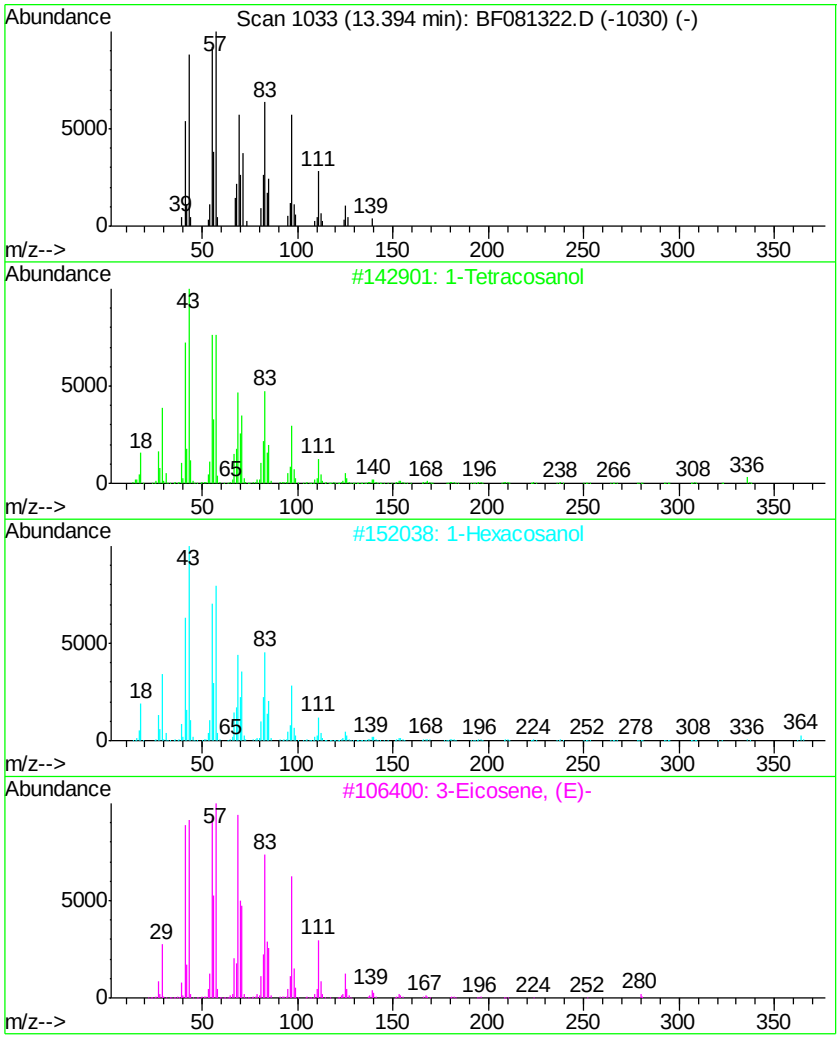
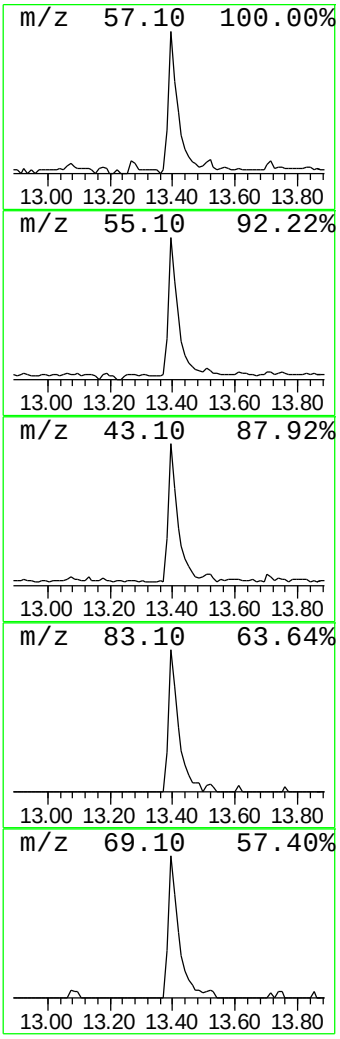
Peak Number 5 1-Tetracosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	11.79 ng	238586	Chrysene-d12	13.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	87
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	64
5	1-Hexadecanol	242	C16H34O	036653-82-4	62





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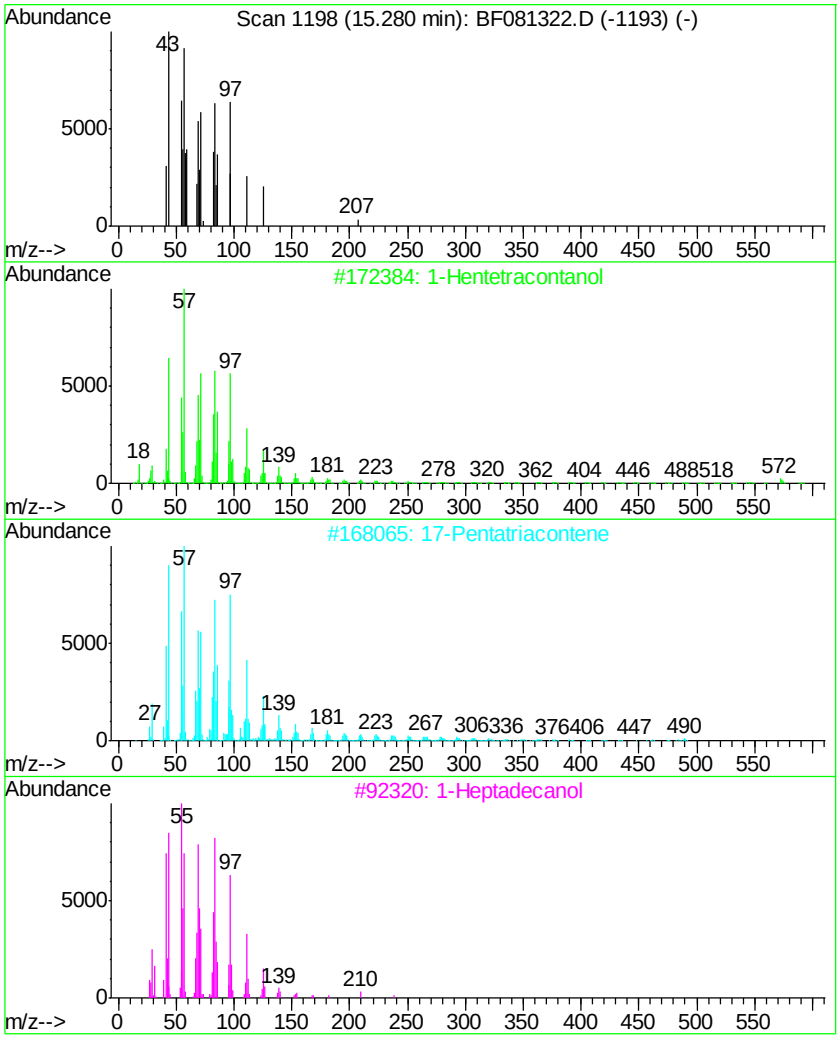
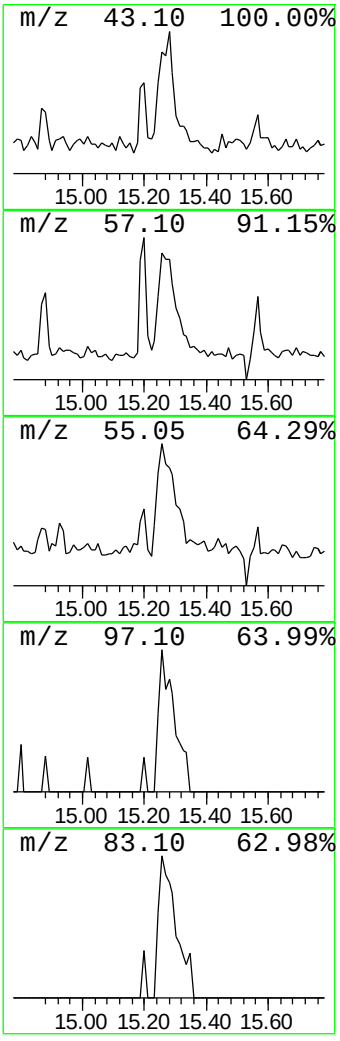
Peak Number 6 1-Hentetracontanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	3.47 ng	56472	Perylene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hentetracontanol	593	C41H84O	040710-42-7	83
2	17-Pentatriacontene	491	C35H70	006971-40-0	72
3	1-Heptadecanol	256	C17H36O	001454-85-9	58
4	1-Eicosanol	298	C20H42O	000629-96-9	53
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	50





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...	4.46	81.8	ng	1458340	1	6.39	356707	20.0
unknown6.16	6.16	110.3	ng	1967670	1	6.39	356707	20.0
Undecanoic acid	11.45	2.3	ng	56366	4	10.88	491179	20.0
1-Tetracosanol	13.39	11.8	ng	238586	5	13.48	404680	20.0
1-Hentetracontanol	15.28	3.5	ng	56472	6	14.80	325526	20.0