LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081546.D
Acq On : 9 Sep 2015 5:12
Operator : UM/IZ
Sample : G3594-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-4B

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	2.695	94	97	102	rBB	41089	67171	5.00%	0.551%
2	4.376	241	244	258	rVB	530951	941588	70.10%	7.720%
3	4.890	287	289	303	rBB	1153920	1294875	96.40%	10.616%
4	6.010	385	387	390	rBV	1023721	1183263	88.09%	9.701%
5	6.113	394	396	398	rBV	1466559	1342662	99.96%	11.008%
6	6.341	414	416	419	rBV	378343	321094	23.90%	2.633%
7	6.502	427	430	432	rBV	1083183	988934	73.62%	8.108%
8	6.924	464	467	469	rBV	916661	889363	66.21%	7.292%
9	7.633	527	529	532	rBV	480196	401015	29.85%	3.288%
10	8.056	564	566	574	rBB	24588	41580	3.10%	0.341%
11	8.719	621	624	626	rBV	1547575	1343259	100.00%	11.013%
12	9.119	657	659	662	rBV	230429	193082	14.37%	1.583%
13	9.370	679	681	684	rVB	442881	401567	29.89%	3.292%
14	9.839	721	722	724	rVB	20295	14755	1.10%	0.121%
15	10.159	747	750	752	rBV	607671	697926	51.96%	5.722%
16	10.308	761	763	767	rBV	28423	31147	2.32%	0.255%
17	10.753	800	802	803	rBV	23727	22228	1.65%	0.182%
18	10.833	807	809	812	rBV	404933	368060	27.40%	3.018%
19	11.416	858	860	866	rBV	34724	47681	3.55%	0.391%
20	12.422	945	948	950	rBV	939230	865788	64.45%	7.098%
21	13.348	1027	1029	1035	rBV	62108	123079	9.16%	1.009%
22	13.439	1035	1037	1040	rVV	282005	275972	20.54%	2.263%
23	13.965	1080	1083	1090	rBV2	10962	24130	1.80%	0.198%
24	14.537	1131	1133	1135	rBV	19865	23686	1.76%	0.194%
25	14.754	1149	1152	1154	rBV	245338	261548	19.47%	2.144%
26	15.142	1182	1186	1188	rBV	8456	15795	1.18%	0.129%
27	15.200	1188	1191	1192	rBV2	6614	15949	1.19%	0.131%

Sum of corrected areas: 12197197

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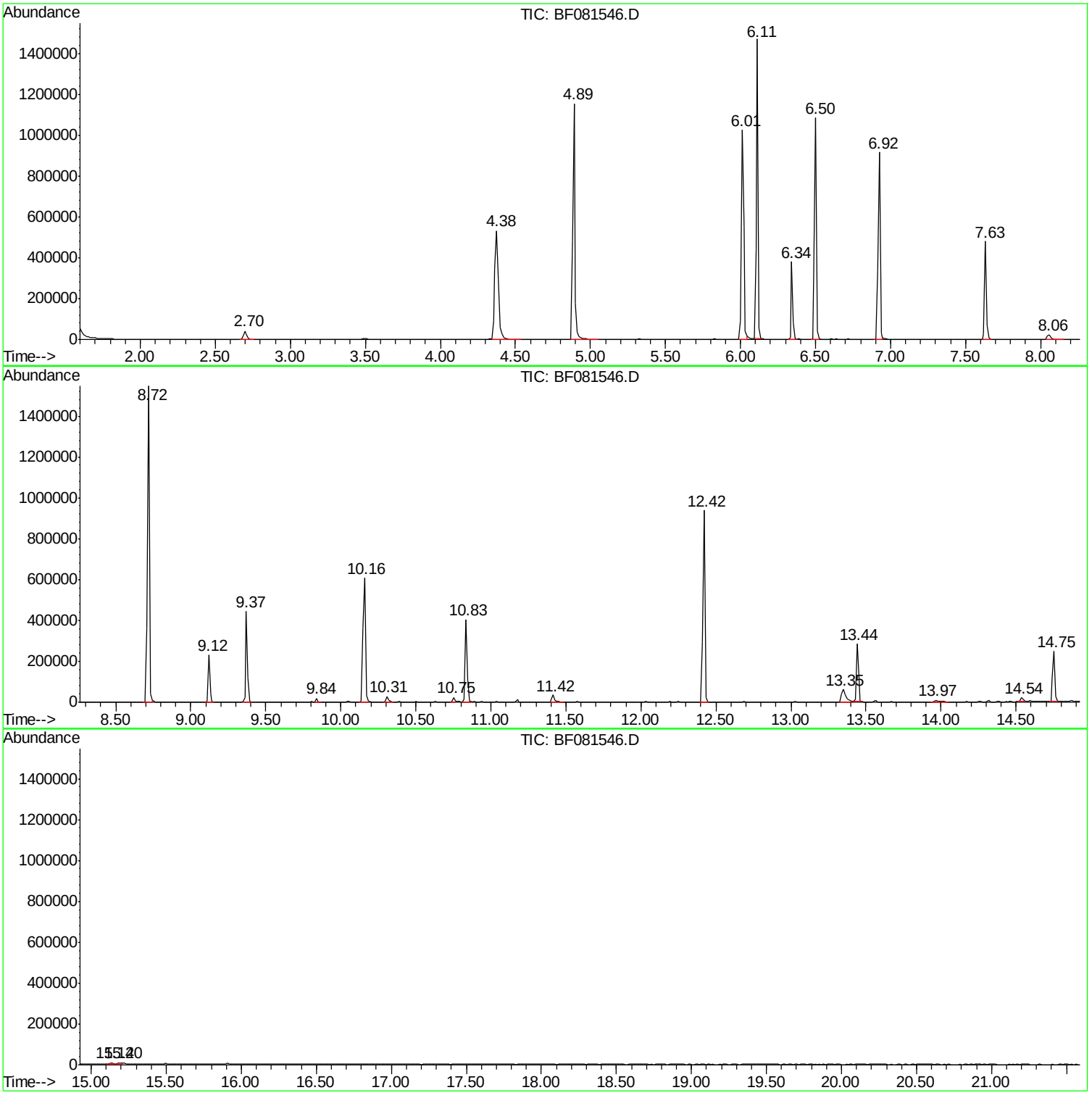
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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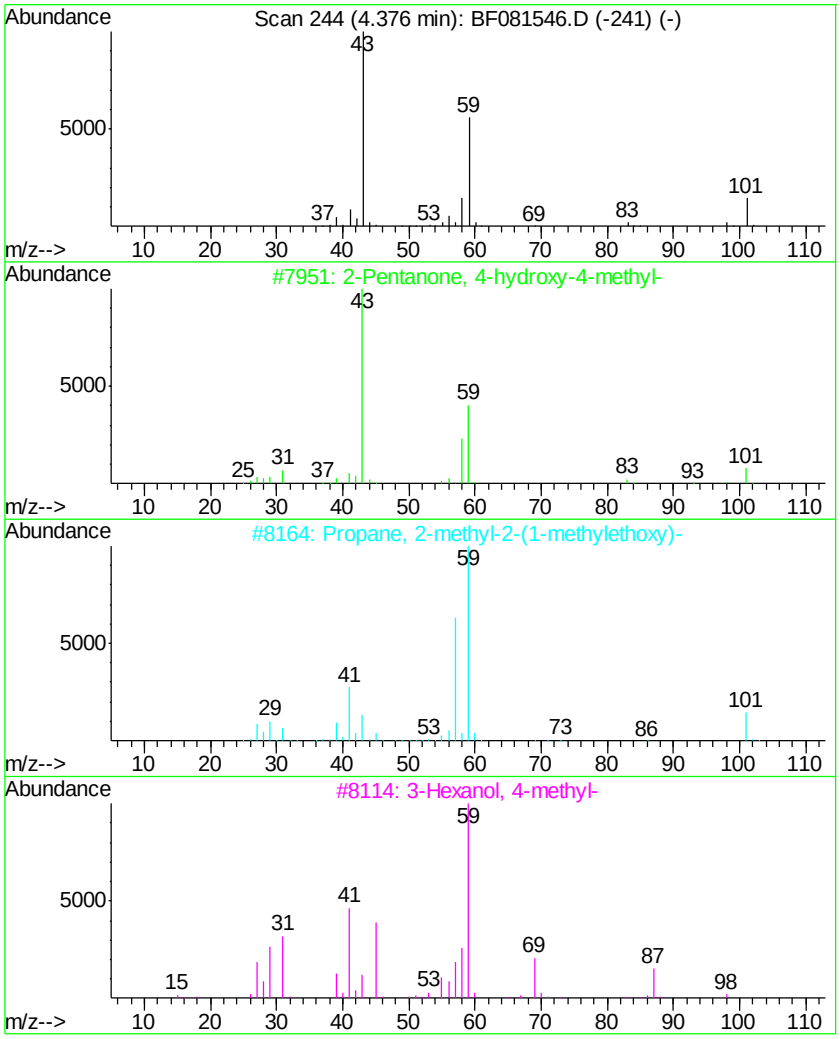
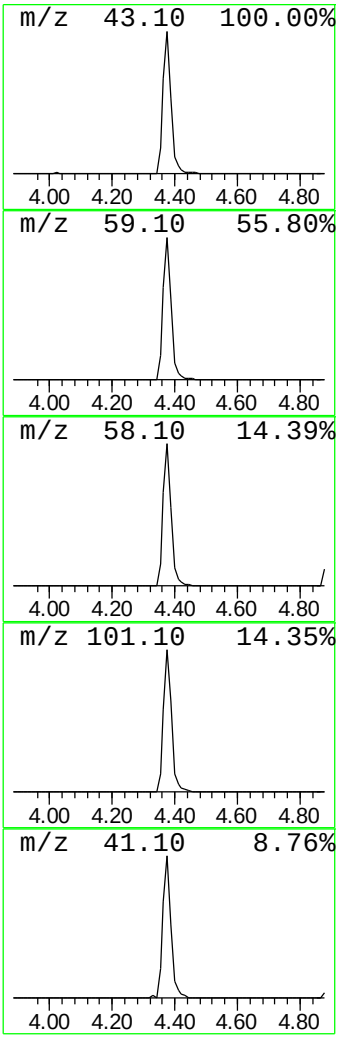
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	58.65 ng	941588	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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ClientSampleId : VITALE-FILL-SOURCE-4B

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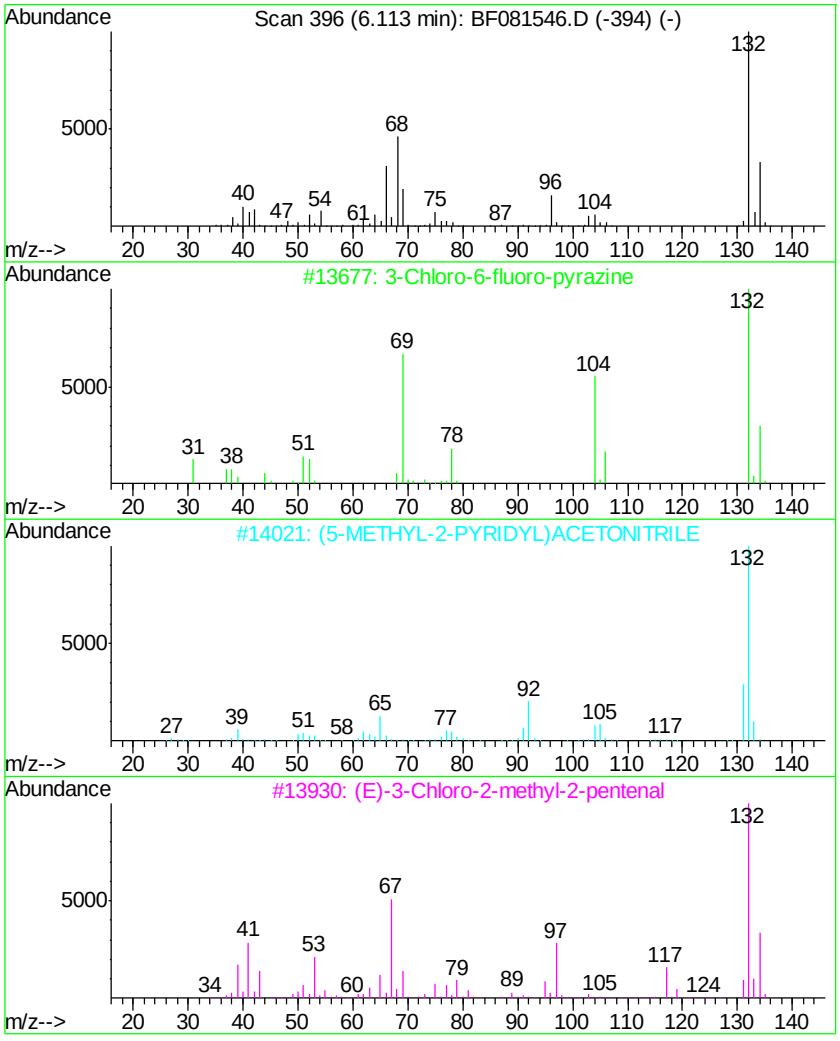
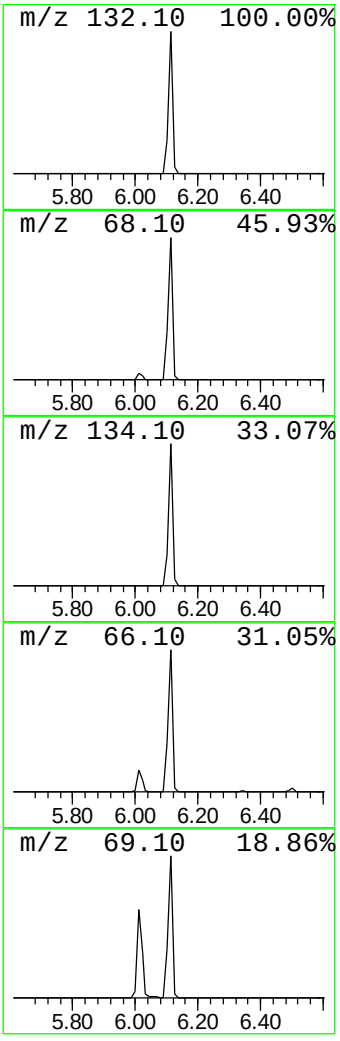
Peak Number 3 unknown6.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	83.63 ng	1342660	1,4-Dichlorobenzene-d4	6.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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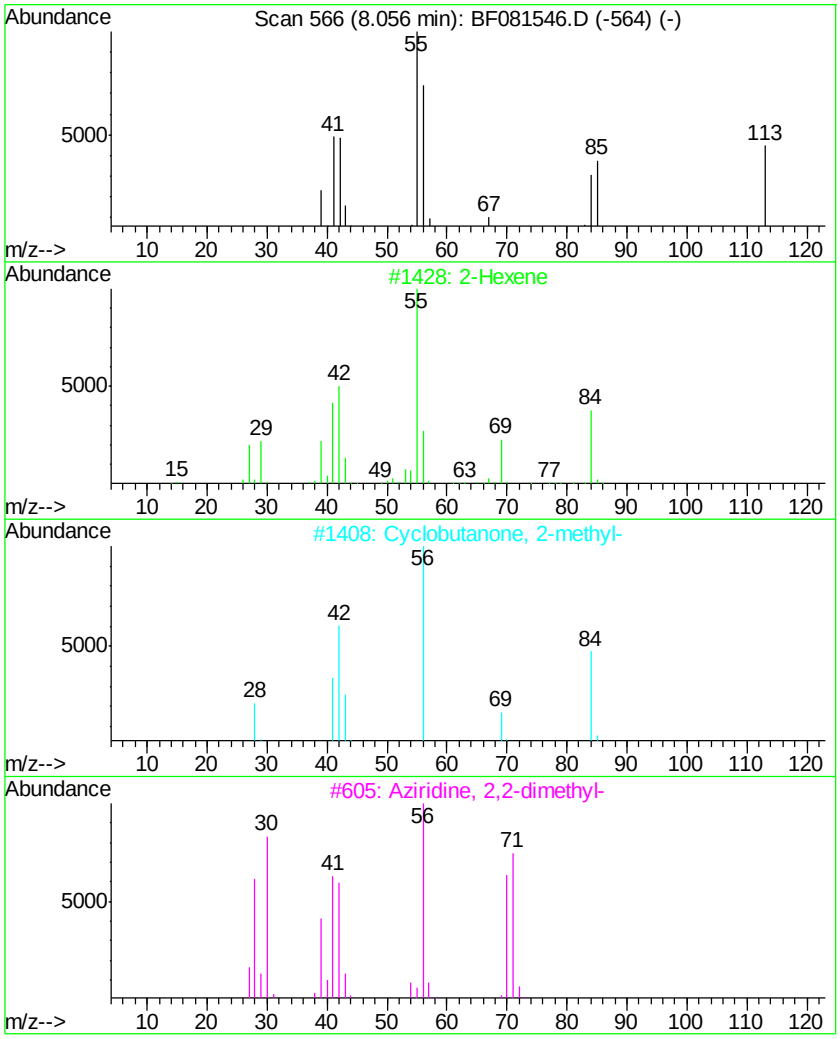
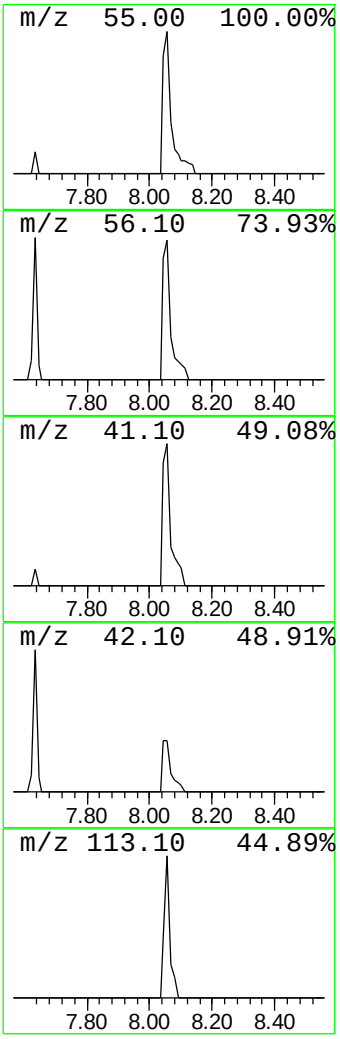
Peak Number 5 unknown8.06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.07 ng	41580	Naphthalene-d8	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	38
2	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	37
3	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	37
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	35
5	2H-Pyran-2-one, tetrahydro-3,6-d...	128	C7H12O2	003720-22-7	33





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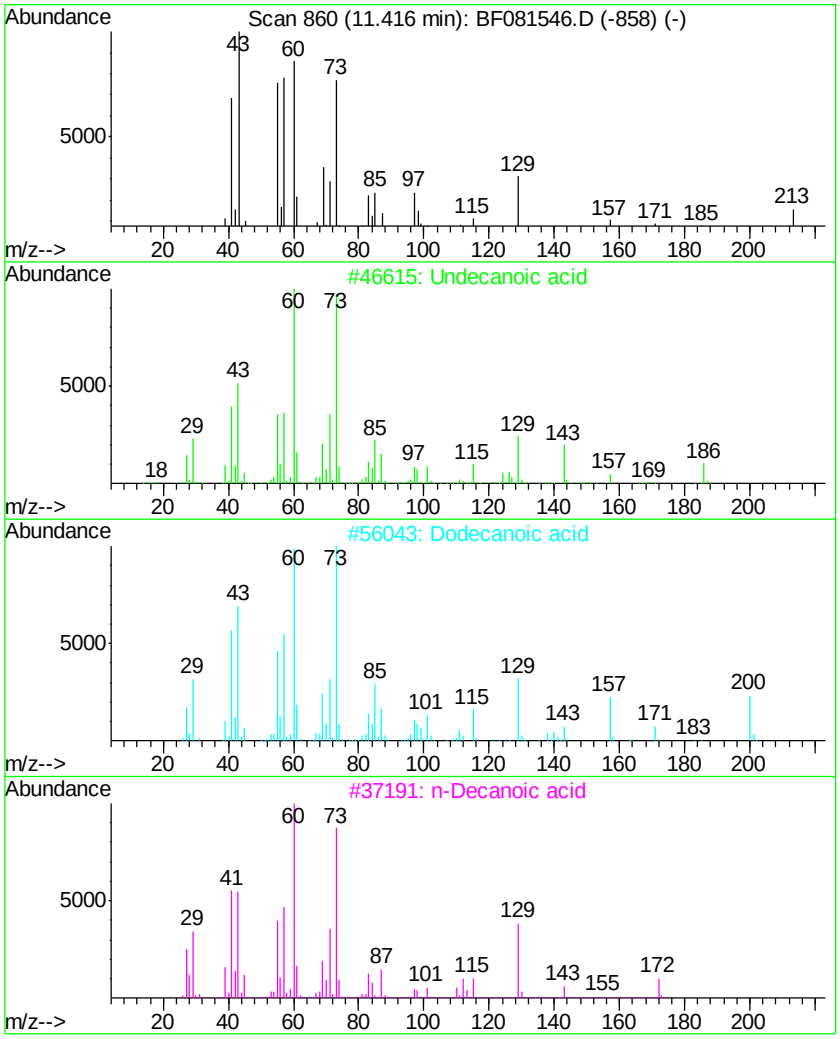
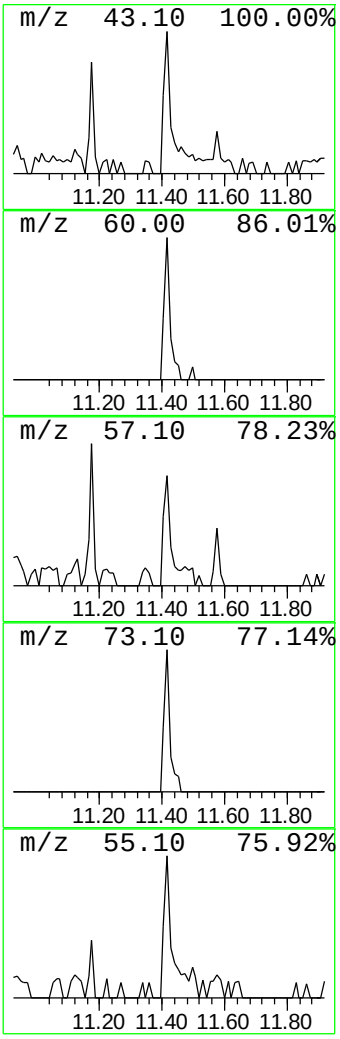
Peak Number 6 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.59 ng	47681	Phenanthrene-d10	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	59
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	43
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	38





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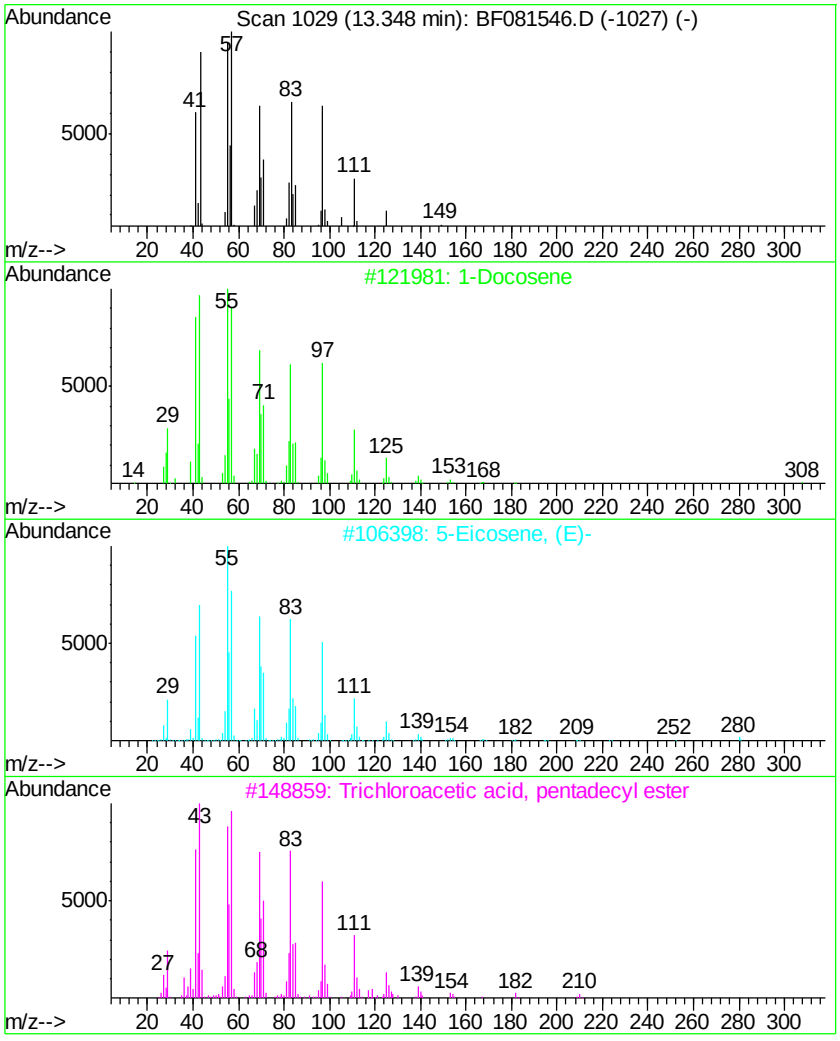
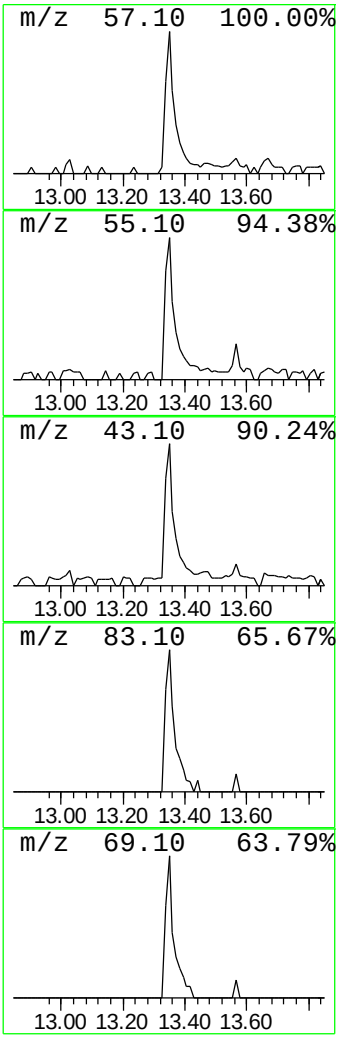
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.92 ng	123079	Chrysene-d12	13.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	1-Tetracosanol	354	C24H50O	000506-51-4	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





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-hy...	4.38	58.6	ng	941588	1	6.34	321094	20.0
unknown6.11	6.11	83.6	ng	1342660	1	6.34	321094	20.0
unknown8.06	8.06	2.1	ng	41580	2	7.63	401015	20.0
Undecanoic acid	11.42	2.6	ng	47681	4	10.83	368060	20.0
1-Docosene	13.35	8.9	ng	123079	5	13.44	275972	20.0