LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086907.D
Acq On : 12 May 2016 00:29
Operator : UM/SJ
Sample : H2965-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-19(11.5-12)

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-BF050916.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	1.632	3	4	13	rVB	1245277	1919915	29.74%	3.702%
2	1.747	13	14	19	rBV	4336799	6456161	100.00%	12.448%
3	4.798	278	281	295	rBV	144397	277377	4.30%	0.535%
4	5.233	316	319	321	rBV	3916976	5011307	77.62%	9.662%
5	6.296	409	412	419	rBV	4043776	4915027	76.13%	9.477%
6	6.410	419	422	424	rBV	3600805	5071191	78.55%	9.778%
7	6.627	439	441	447	rVB	953065	968668	15.00%	1.868%
8	6.787	452	455	457	rBV	3932030	3669560	56.84%	7.075%
9	7.210	489	492	494	rBV	3097854	3703875	57.37%	7.142%
10	7.919	551	554	556	rBV	1415906	1261676	19.54%	2.433%
11	9.005	646	649	651	rBV	4417302	5281290	81.80%	10.183%
12	9.393	681	683	686	rBV	334275	433946	6.72%	0.837%
13	9.610	700	702	704	rBV	93785	82379	1.28%	0.159%
14	9.668	704	707	709	rBV	1483842	1344520	20.83%	2.592%
15	10.113	742	746	747	rBV	124896	122774	1.90%	0.237%
16	10.456	773	776	779	rBV	3168873	3211703	49.75%	6.193%
17	10.582	785	787	794	rVB	140083	169316	2.62%	0.326%
18	11.142	834	836	840	rBV	1387164	1323239	20.50%	2.551%
19	11.691	882	884	888	rBV	120244	145173	2.25%	0.280%
20	12.342	939	941	944	rBV	108051	151811	2.35%	0.293%
21	12.571	958	961	964	rBV	163166	186033	2.88%	0.359%
22	12.731	972	975	977	rBV	4240609	4105051	63.58%	7.915%
23	13.645	1052	1055	1062	rBV2	66154	189845	2.94%	0.366%
24	13.771	1063	1066	1068	rBV	819297	998249	15.46%	1.925%
25	14.765	1151	1153	1157	rBV	42269	83194	1.29%	0.160%
26	15.131	1182	1185	1191	rVB	655506	780382	12.09%	1.505%

Sum of corrected areas: 51863662

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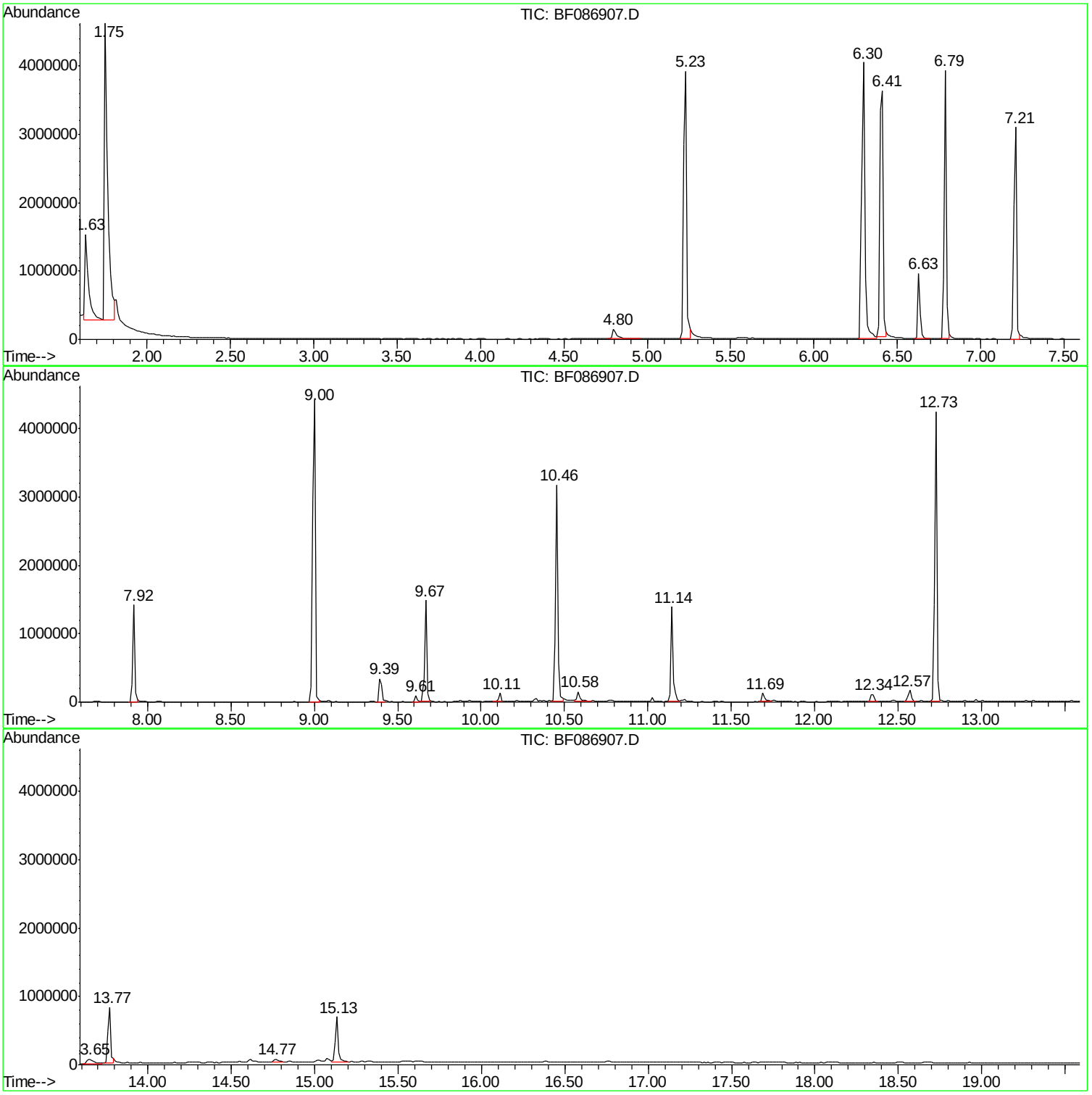
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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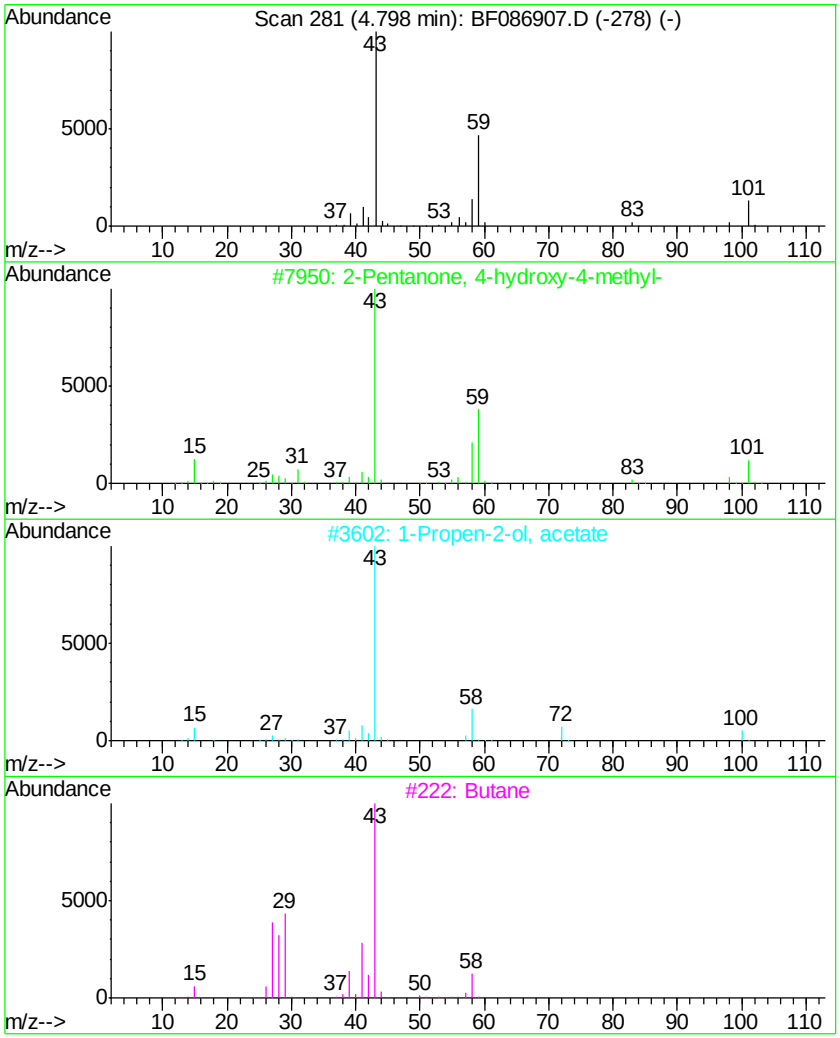
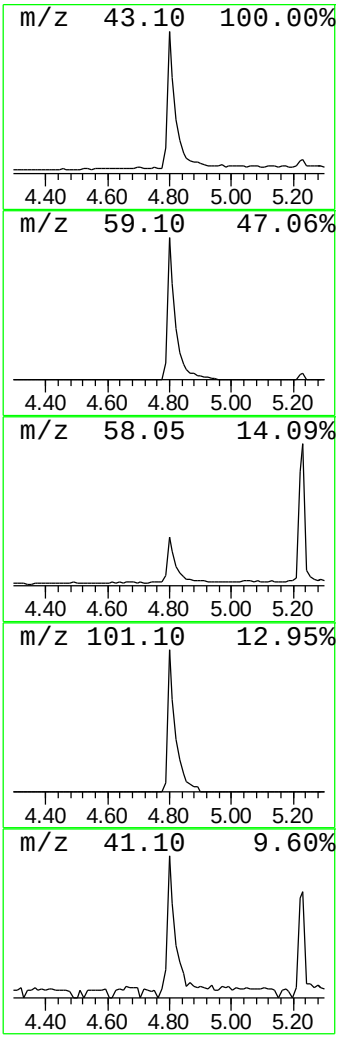
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	5.73 ng	277377	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane	58	C4H10	000106-97-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	dl-4-Amino-3-hydroxybutyric acid	119	C4H9NO3	000352-21-6	9





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ClientSampleId : E-19(11.5-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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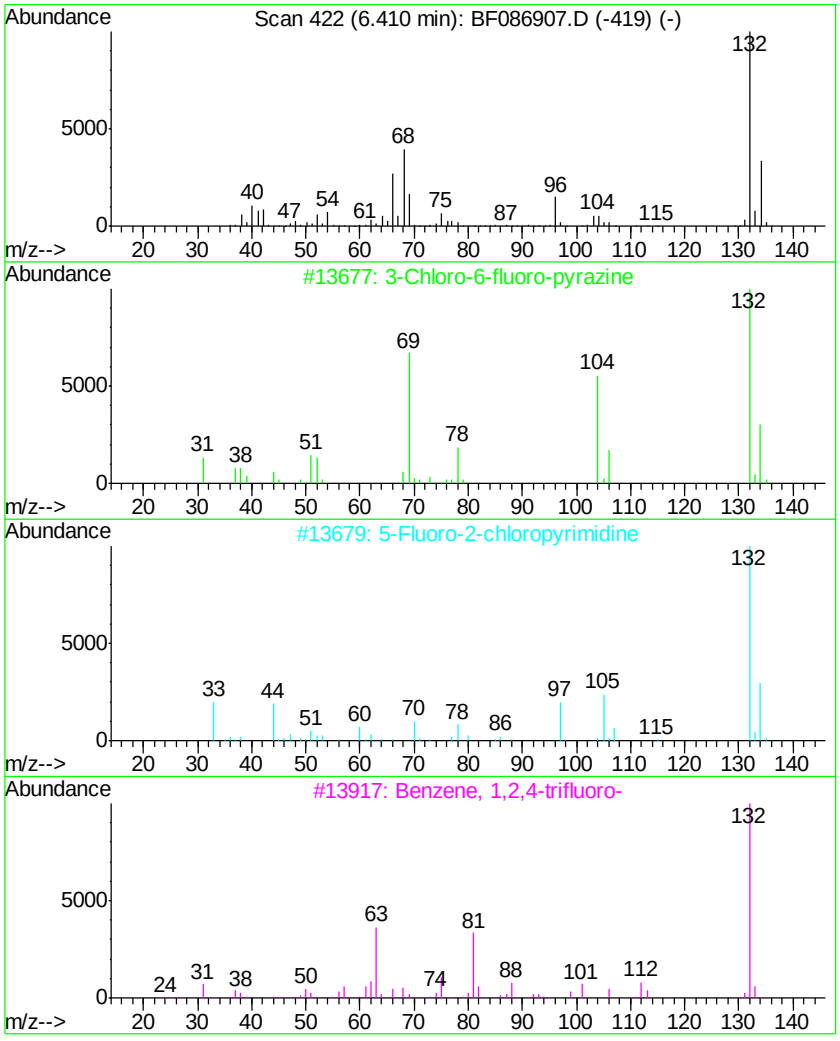
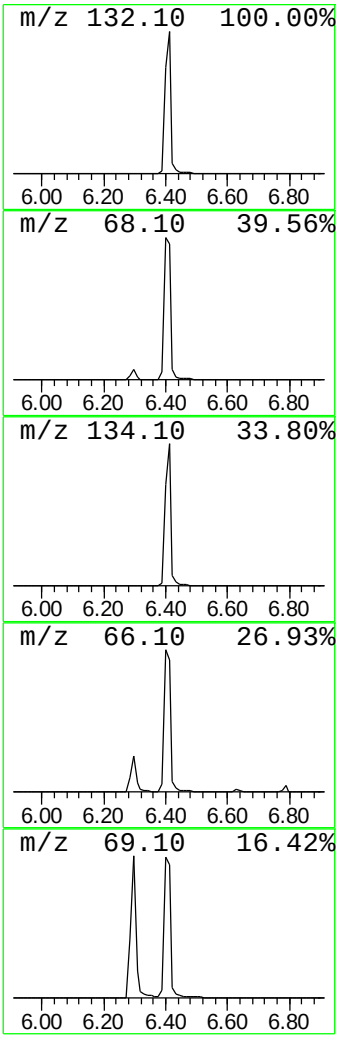
Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	104.70 ng	5071190	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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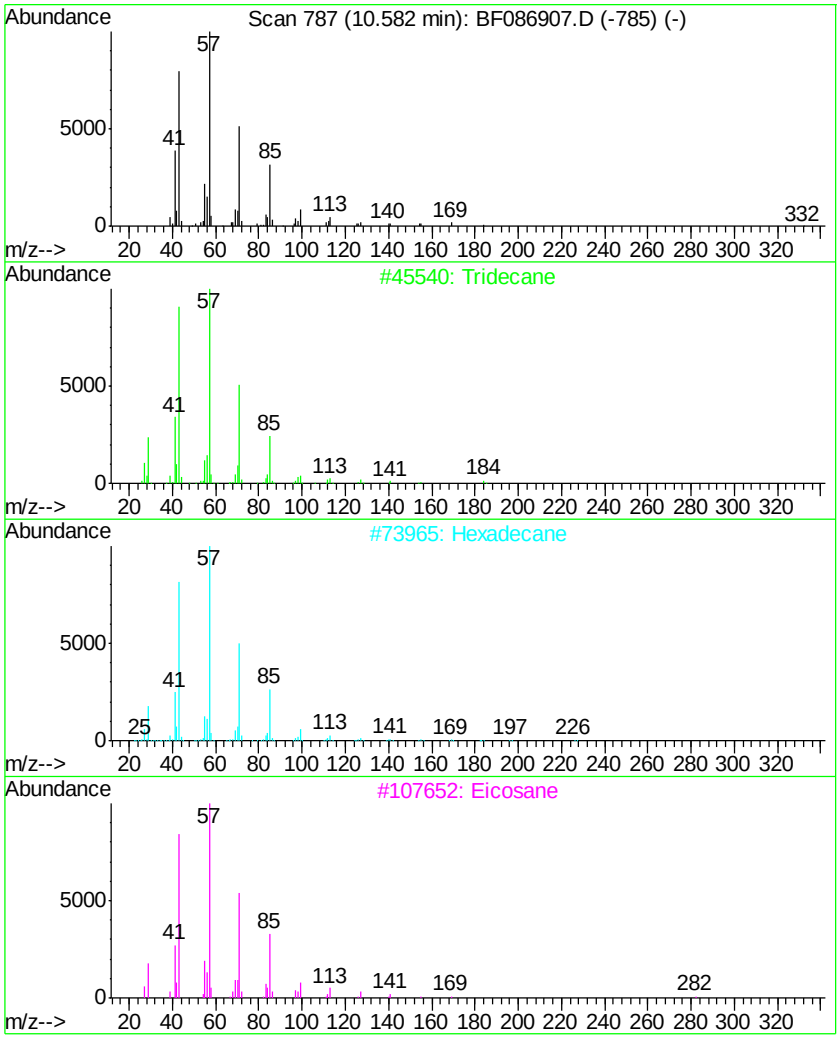
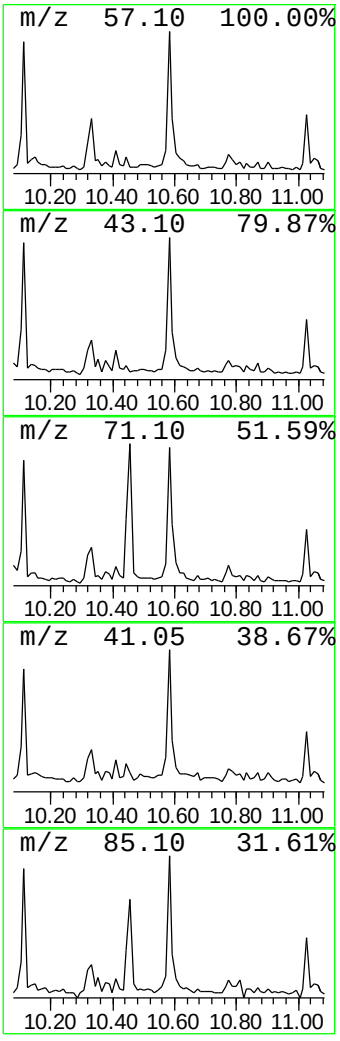
Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.56 ng	169316	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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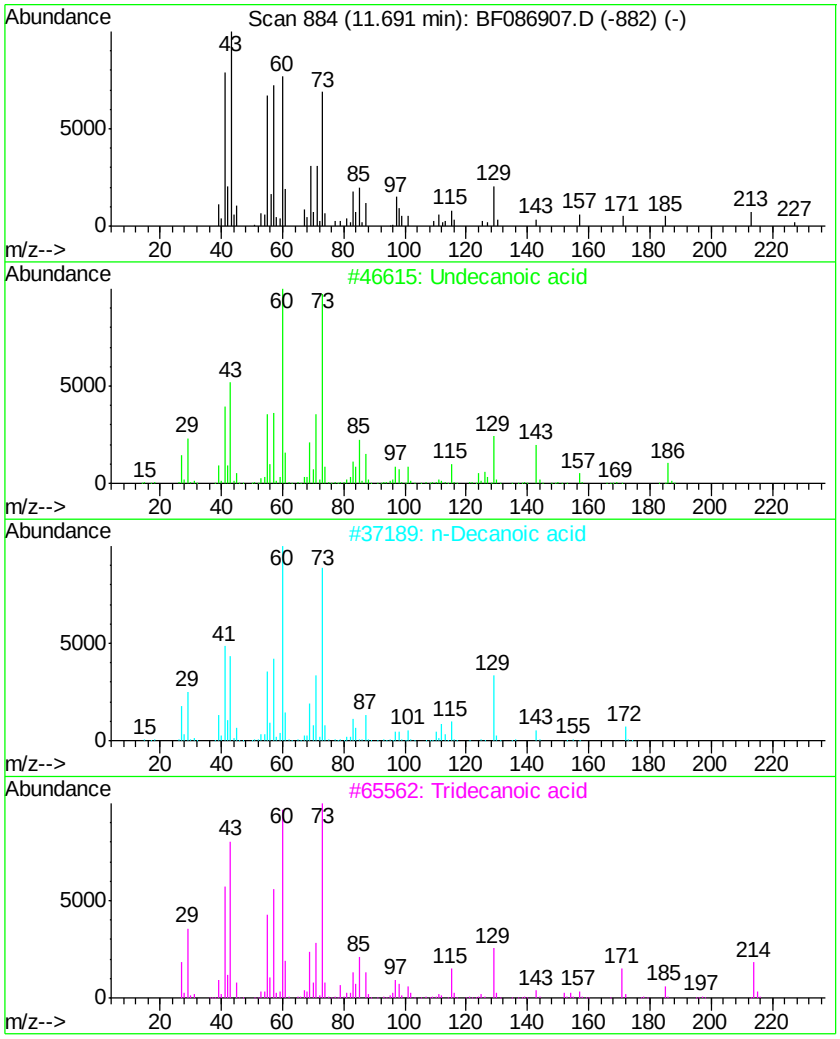
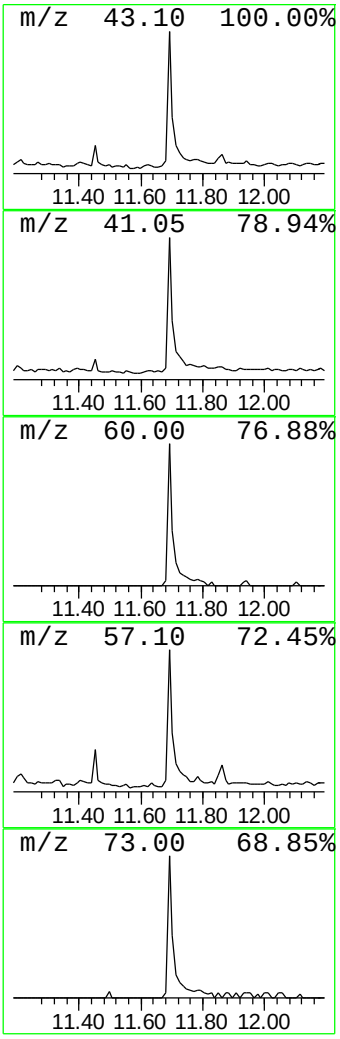
Peak Number 7 Undecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.19 ng	145173	Phenanthrene-d10	11.14

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	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Decane	142	C10H22	000124-18-5	11
5	Dichloroacetic acid, 2-pentadecy...	338	C17H32Cl2O2	1000280-64-7	10





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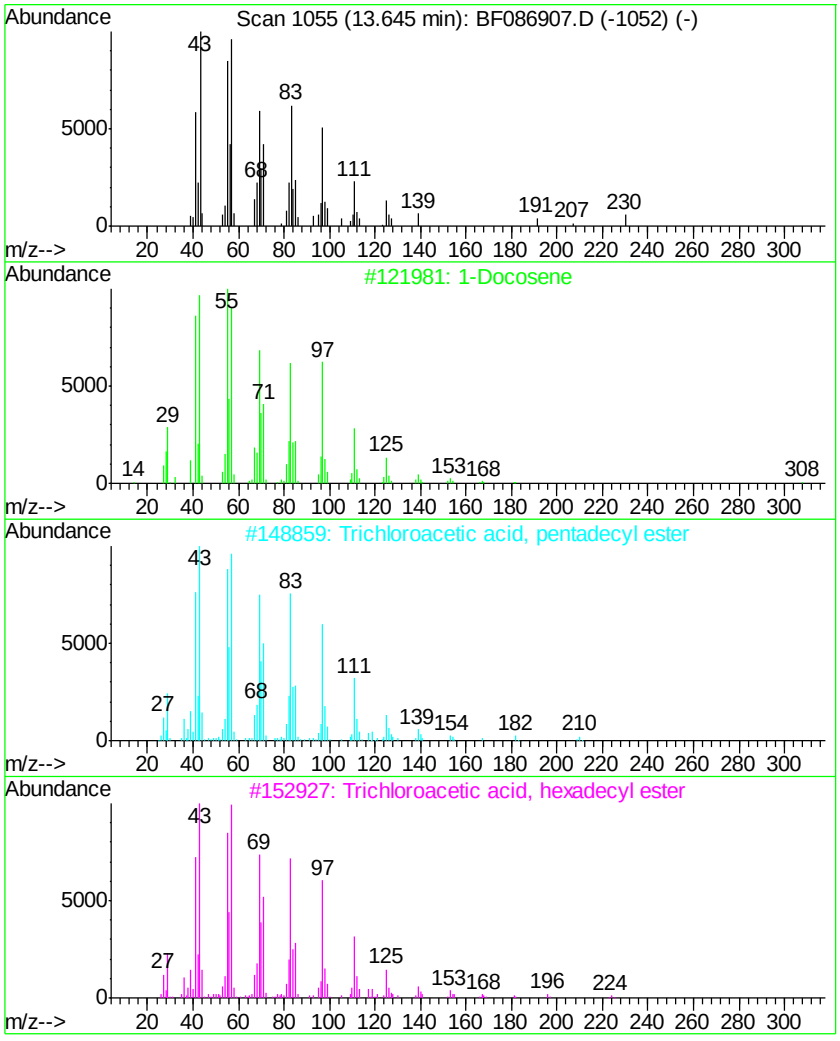
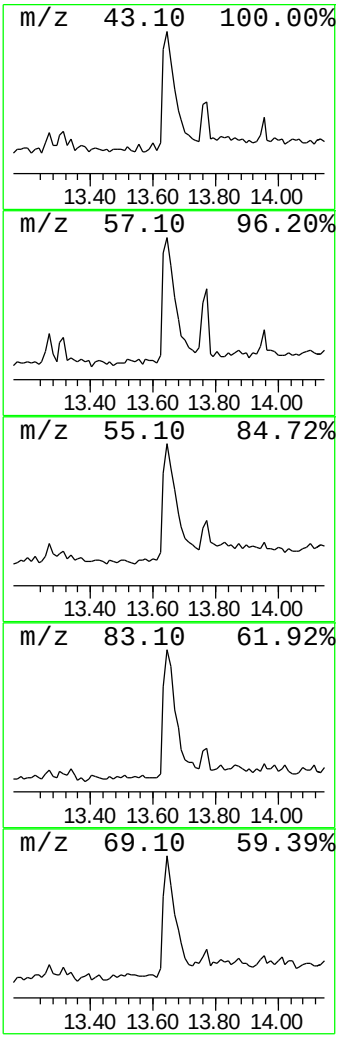
Peak Number 8 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.80 ng	189845	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	11-Tricosene	322	C23H46	052078-56-5	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





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...	4.80	5.7	ng	277377	1	6.63	968668	20.0
unknown6.41	6.41	104.7	ng	5071190	1	6.63	968668	20.0
Tridecane	10.58	2.6	ng	169316	4	11.14	1323240	20.0
Undecanoic acid	11.69	2.2	ng	145173	4	11.14	1323240	20.0
1-Docosene	13.65	3.8	ng	189845	5	13.77	998249	20.0