LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086155.D
Acq On : 8 Apr 2016 3:13
Operator : UM/SJ
Sample : H2282-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-37(0.5-15.0)

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-BF040216.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	4.898	243	246	261	rBV	210769	334569	11.59%	1.402%
2	5.333	281	284	286	rBV	2204024	2398953	83.08%	10.055%
3	6.384	373	376	378	rBV	2285389	2529139	87.59%	10.601%
4	6.499	384	386	389	rBV	2029564	2393851	82.90%	10.034%
5	6.739	405	407	409	rBV	489293	632026	21.89%	2.649%
6	6.887	418	420	423	rBV	2041637	1828782	63.33%	7.665%
7	7.299	454	456	459	rBV	1091665	1583814	54.85%	6.638%
8	8.019	517	519	522	rBV	981455	878160	30.41%	3.681%
9	9.093	611	613	616	rBV	2197760	2555366	88.49%	10.711%
10	9.493	646	648	651	rBV	307623	282638	9.79%	1.185%
11	9.710	665	667	669	rBV	39440	37220	1.29%	0.156%
12	9.767	670	672	675	rVB	899034	920671	31.88%	3.859%
13	10.202	709	710	712	rVB	59920	61079	2.12%	0.256%
14	10.419	726	729	733	rBV	23689	43088	1.49%	0.181%
15	10.568	739	742	744	rBV2	1186788	1689217	58.50%	7.080%
16	10.682	750	752	758	rVB2	72235	113725	3.94%	0.477%
17	11.128	789	791	792	rBV	32442	34360	1.19%	0.144%
18	11.253	800	802	805	rBV	1120271	967553	33.51%	4.055%
19	11.791	847	849	855	rBV	94018	113551	3.93%	0.476%
20	12.659	923	925	927	rBV	40437	36574	1.27%	0.153%
21	12.842	938	941	943	rBV	2806081	2887598	100.00%	12.103%
22	13.745	1017	1020	1028	rBV	120766	284331	9.85%	1.192%
23	13.894	1030	1033	1035	rVB	554274	707249	24.49%	2.964%
24	15.288	1152	1155	1161	rBV	446910	544597	18.86%	2.283%

Sum of corrected areas: 23858111

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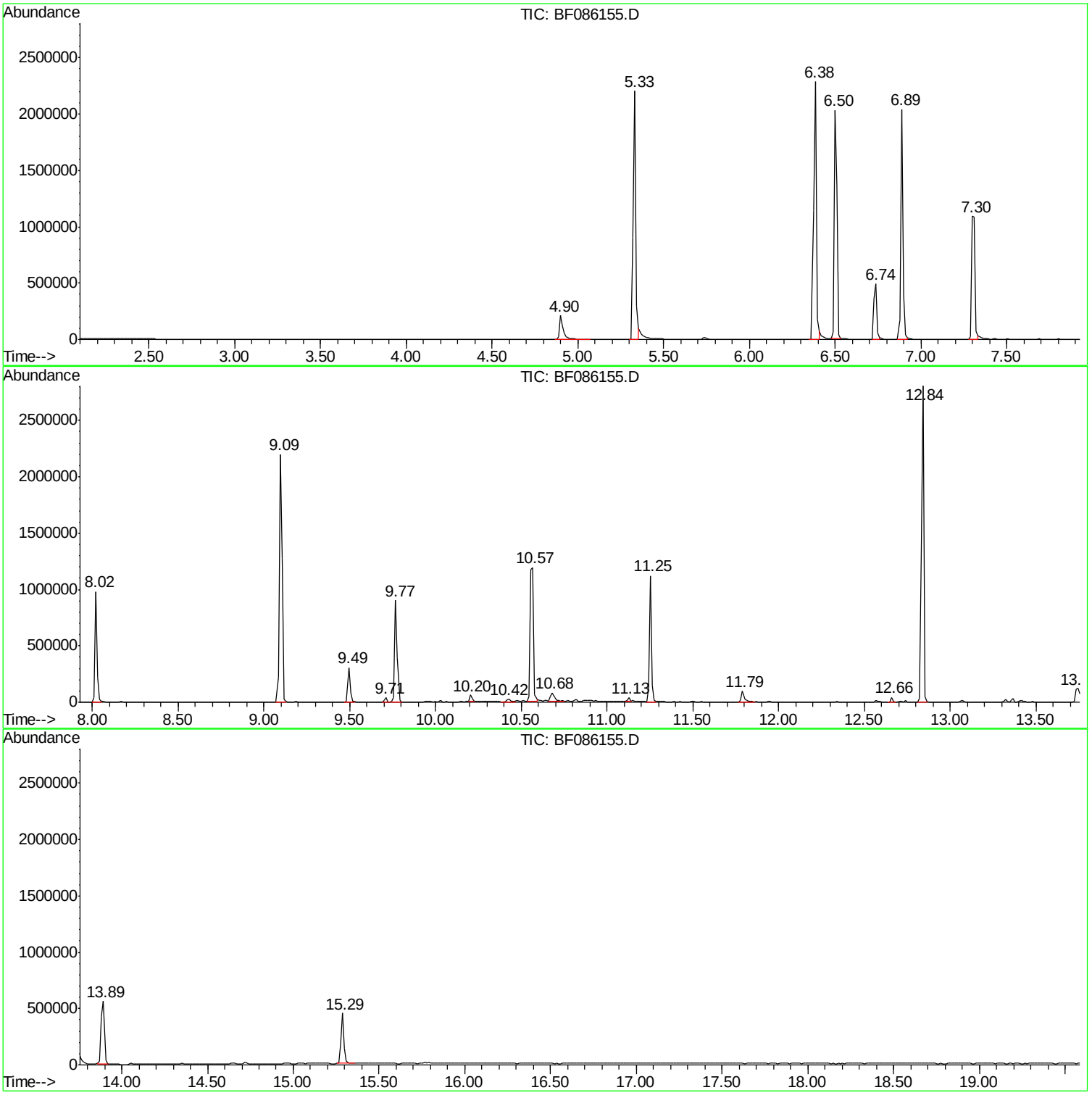
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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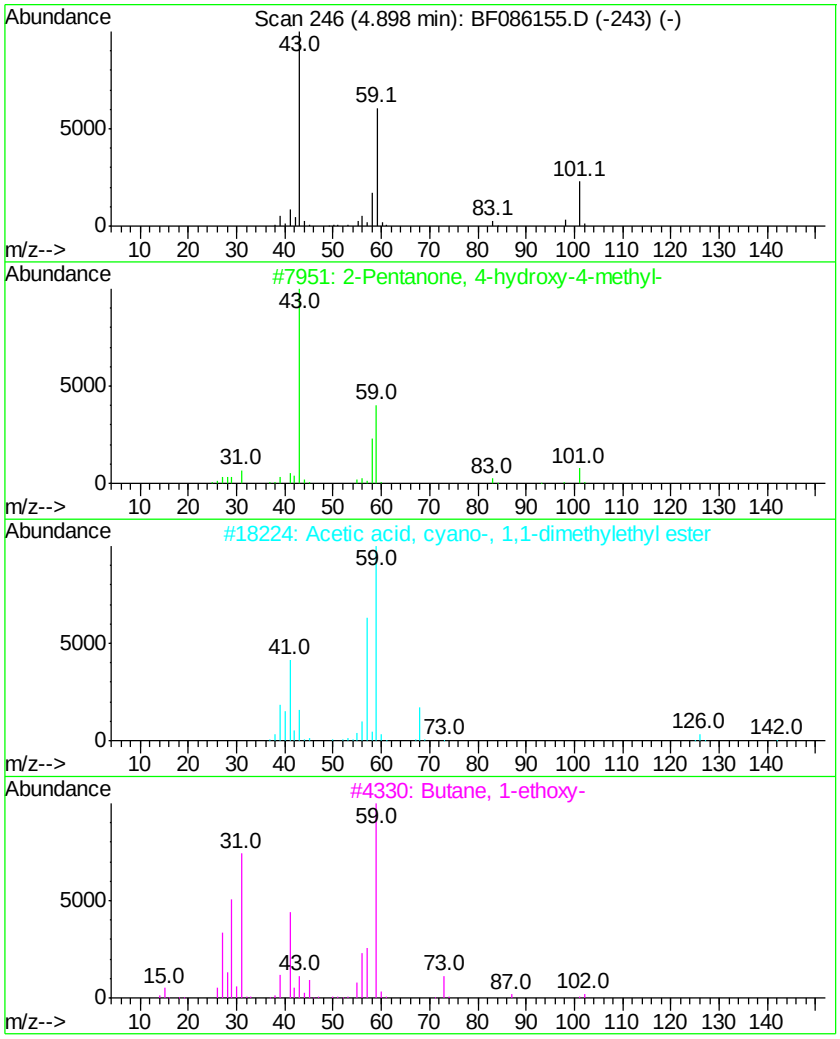
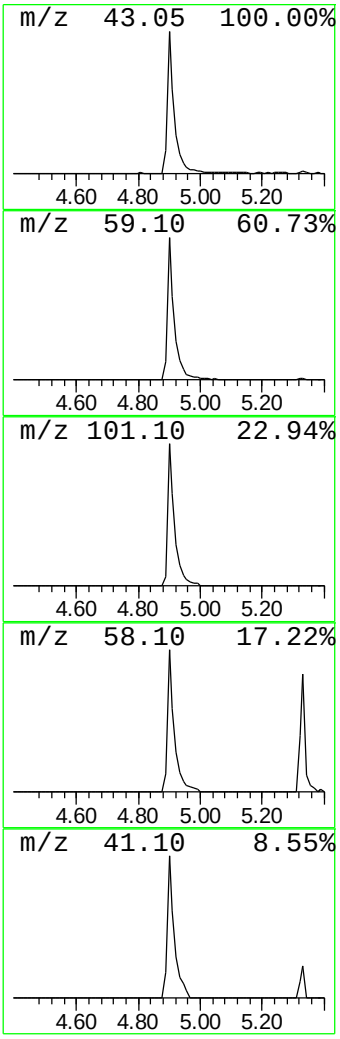
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	10.59 ng	334569	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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TIC Library : C:\DATABASE\NIST02.L
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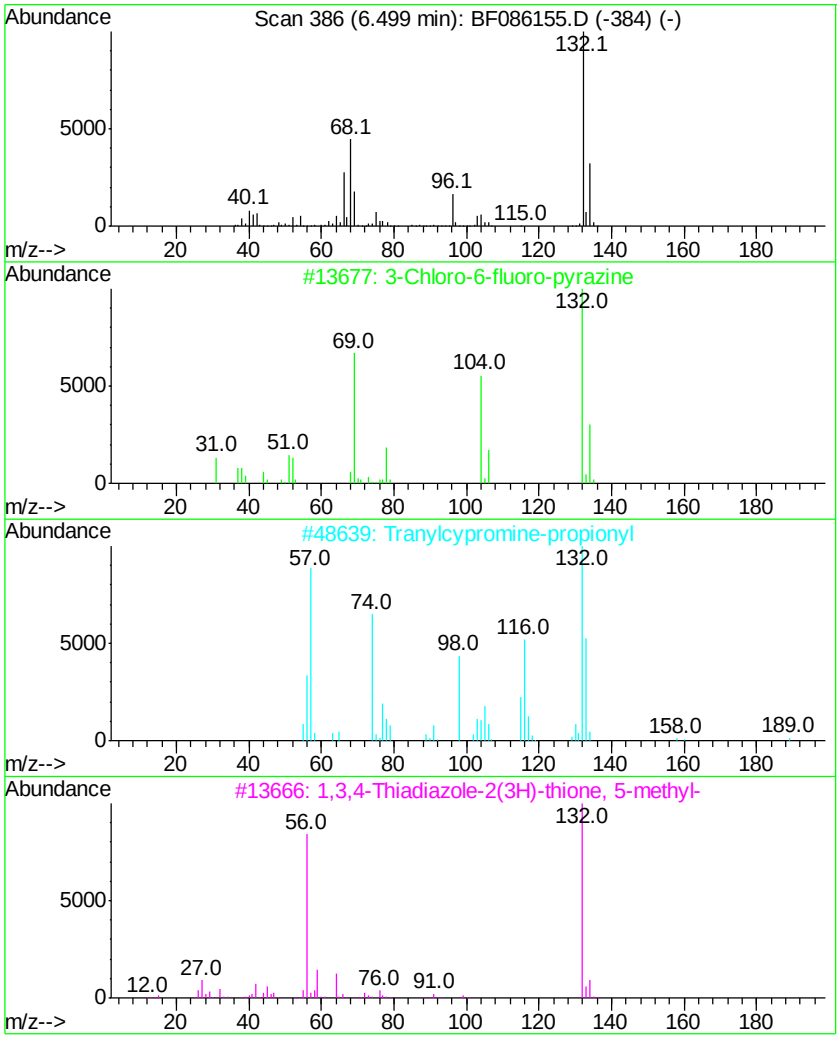
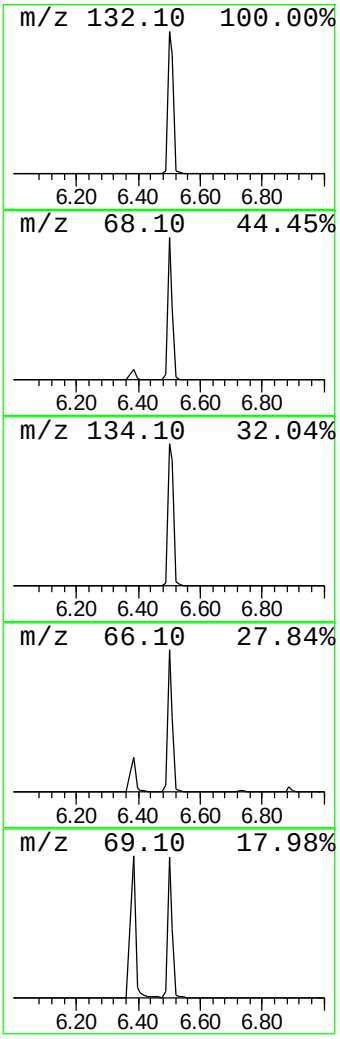
Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	75.75 ng	2393850	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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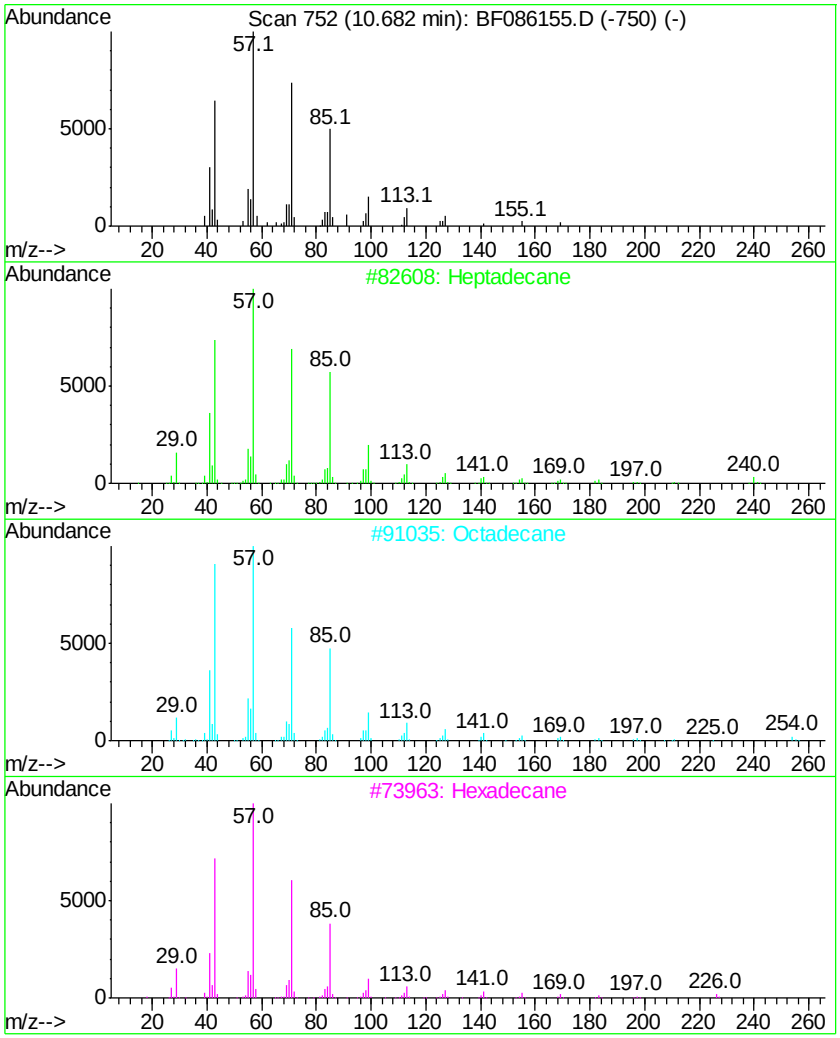
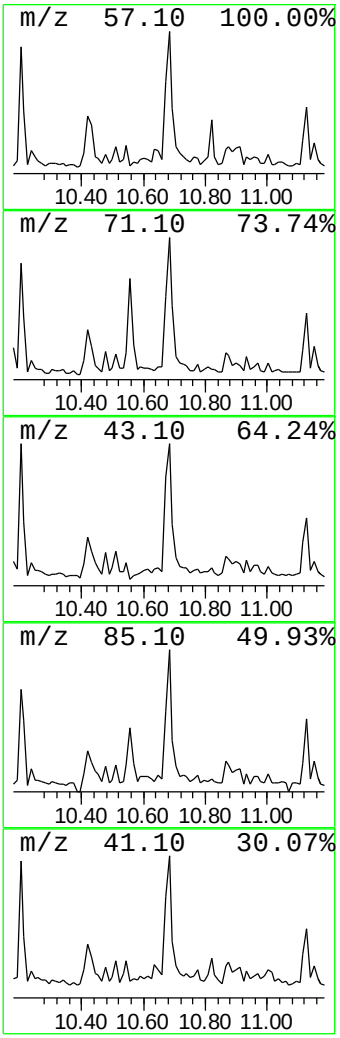
Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.35 ng	113725	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentadecane	212	C15H32	000629-62-9	90





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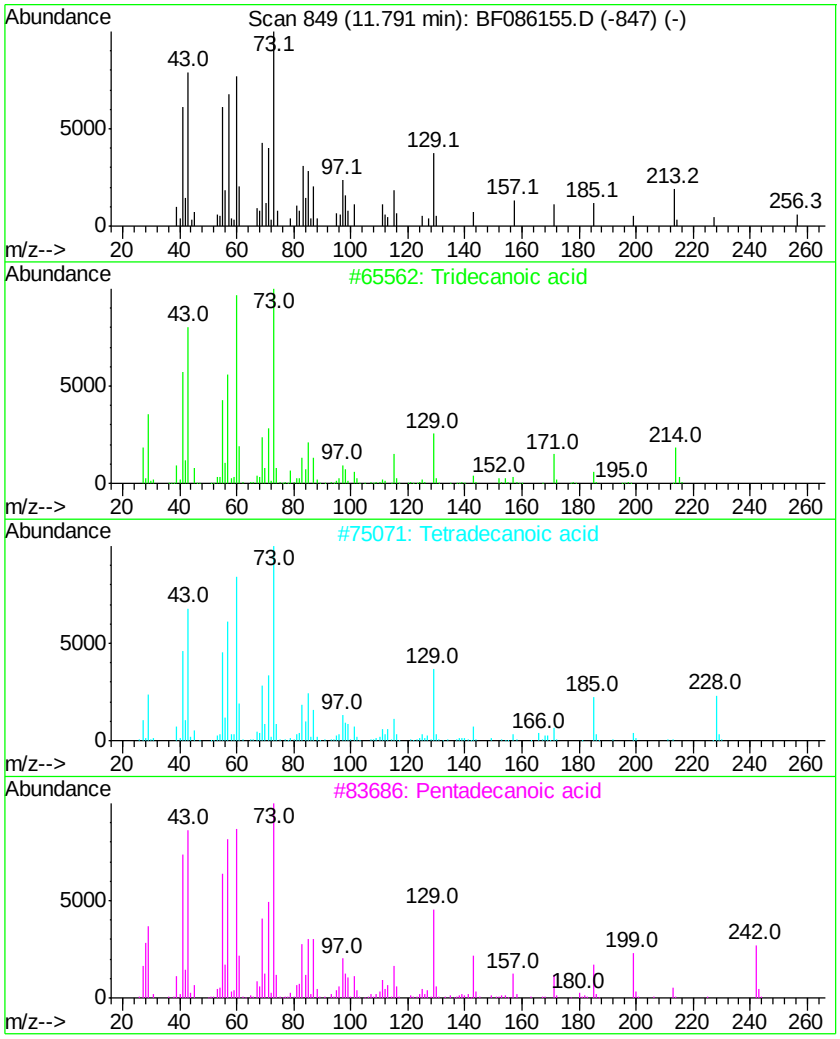
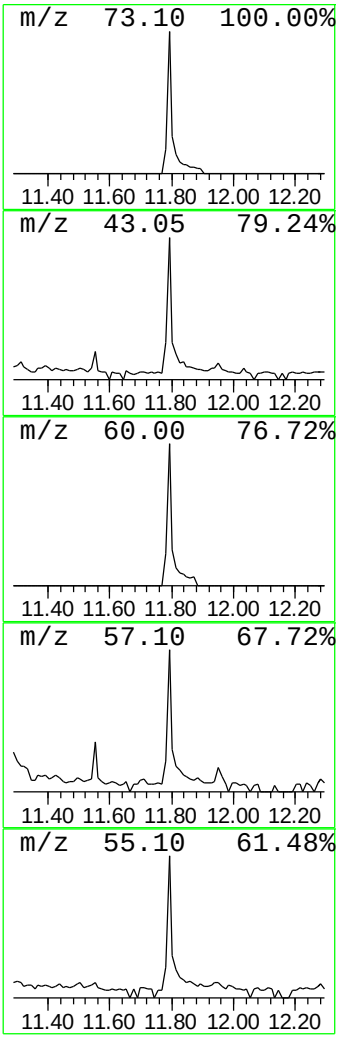
Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.35 ng	113551	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





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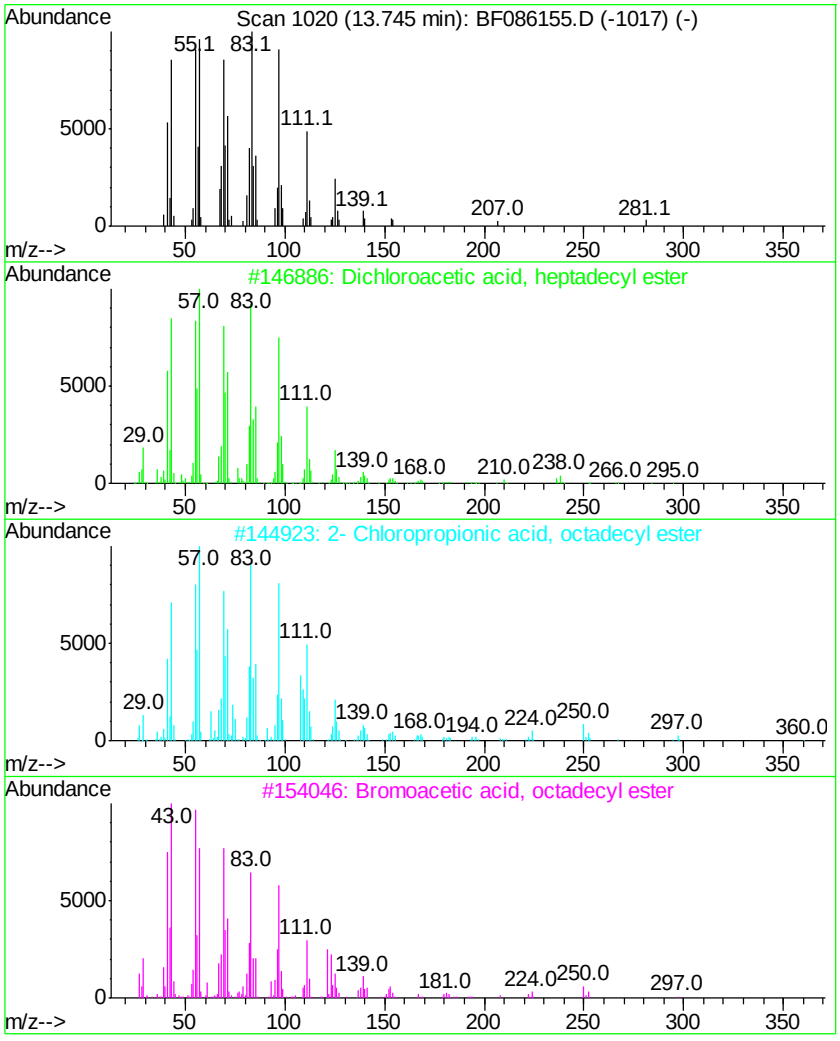
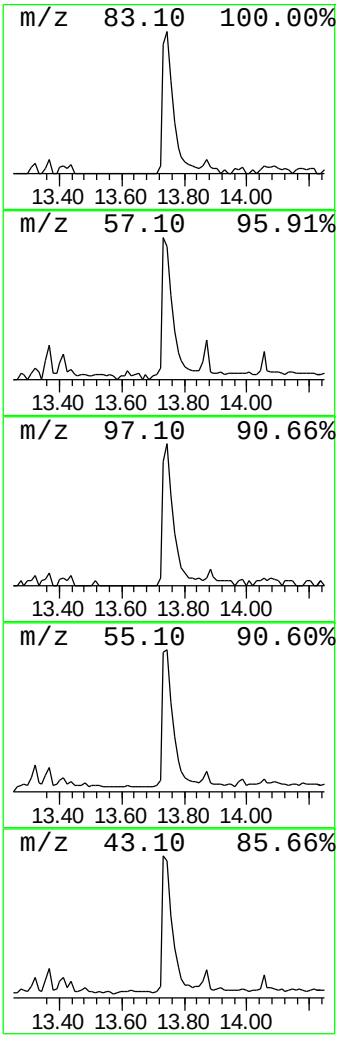
Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	8.04 ng	284331	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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...	4.90	10.6	ng	334569	1	6.74	632026	20.0
unknown6.50	6.50	75.8	ng	2393850	1	6.74	632026	20.0
Heptadecane	10.68	2.4	ng	113725	4	11.25	967553	20.0
Tridecanoic acid	11.79	2.4	ng	113551	4	11.25	967553	20.0
Dichloroacetic ac...	13.75	8.0	ng	284331	5	13.89	707249	20.0