LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086770.D
Acq On : 7 May 2016 13:19
Operator : UM/SJ
Sample : H2858-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MWHR(3-8)

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-BF050416.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	4.876	242	244	252	rBV	50470	109133	1.65%	0.260%
2	5.299	279	281	295	rBV	2068462	2381596	36.05%	5.669%
3	6.350	372	373	379	rBV	1046302	1515672	22.94%	3.608%
4	6.476	382	384	386	rBV	4737841	4706784	71.25%	11.203%
5	6.704	402	404	406	rBV	1027578	1173486	17.76%	2.793%
6	6.853	415	417	420	rBV	3242980	4448879	67.34%	10.589%
7	7.276	451	454	456	rBV	3539098	3912368	59.22%	9.312%
8	7.984	514	516	519	rBV	1282866	1465603	22.18%	3.489%
9	9.070	607	611	613	rBV	5740160	6606376	100.00%	15.725%
10	9.470	643	646	650	rVB	54769	69772	1.06%	0.166%
11	9.676	662	664	667	rBV	96118	97310	1.47%	0.232%
12	9.733	667	669	672	rBV2	1316603	1634745	24.74%	3.891%
13	10.179	704	708	709	rBV	149613	148170	2.24%	0.353%
14	10.396	724	727	730	rBV	44551	75684	1.15%	0.180%
15	10.533	736	739	741	rBV2	2973040	4128399	62.49%	9.827%
16	10.648	747	749	756	rVB	145914	182398	2.76%	0.434%
17	11.219	797	799	801	rBV	1570315	1571198	23.78%	3.740%
18	11.756	844	846	849	rBV	101230	109586	1.66%	0.261%
19	12.545	912	915	920	rBV	61949	111813	1.69%	0.266%
20	12.625	920	922	925	rVV	122057	159723	2.42%	0.380%
21	12.808	935	938	940	rBV	4002211	5237328	79.28%	12.466%
22	13.334	982	984	986	rBV	123093	106536	1.61%	0.254%
23	13.711	1015	1017	1021	rBV	46310	71593	1.08%	0.170%
24	13.848	1026	1029	1031	rBV	810652	1104966	16.73%	2.630%
25	15.220	1146	1149	1159	rBV	636475	883060	13.37%	2.102%

Sum of corrected areas: 42012178

LSC Report - Integrated Chromatogram

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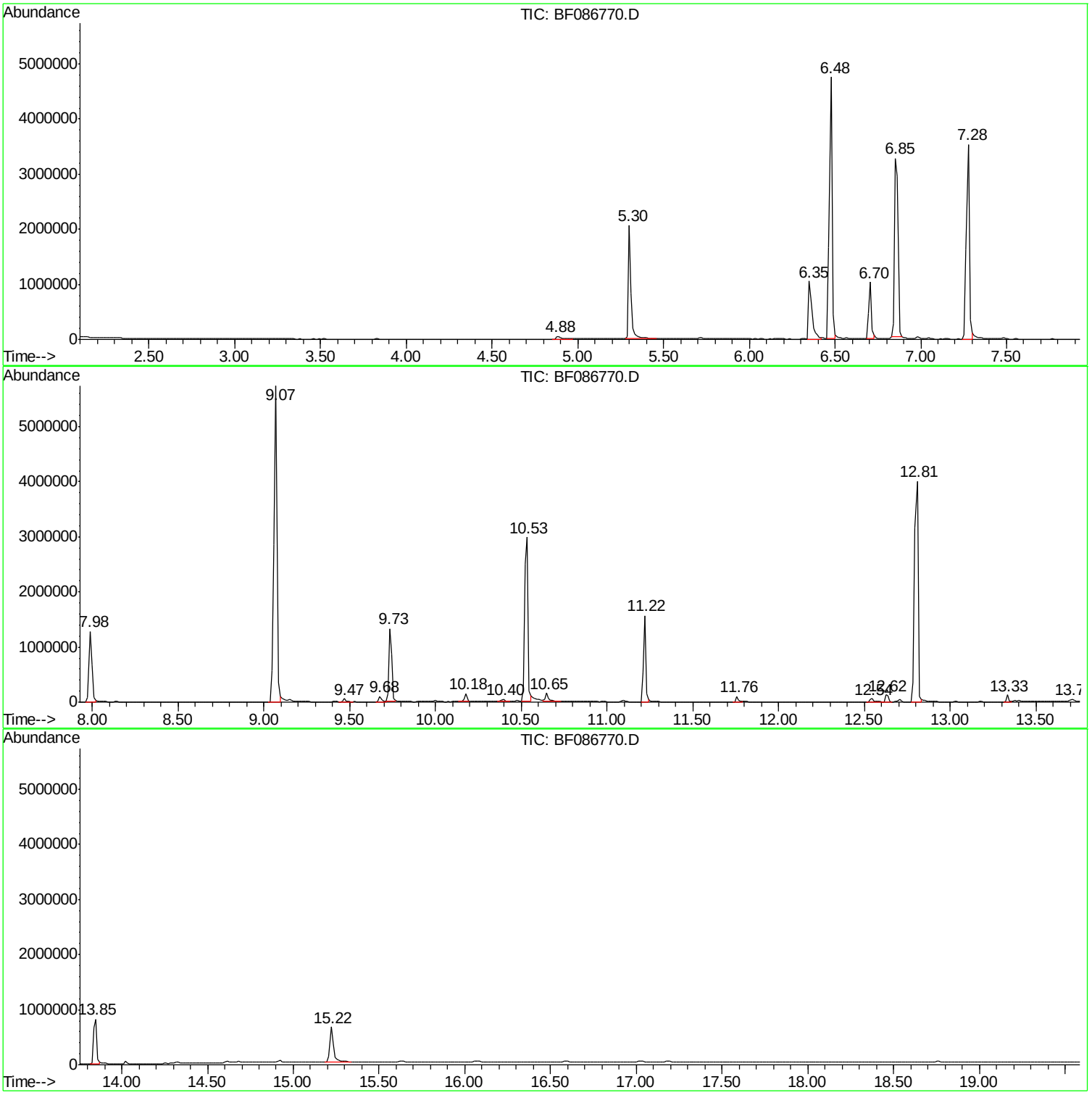
Instrument : BNA_F
ClientSampleId : MWHR(3-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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TIC Library : C:\DATABASE\NIST02.L
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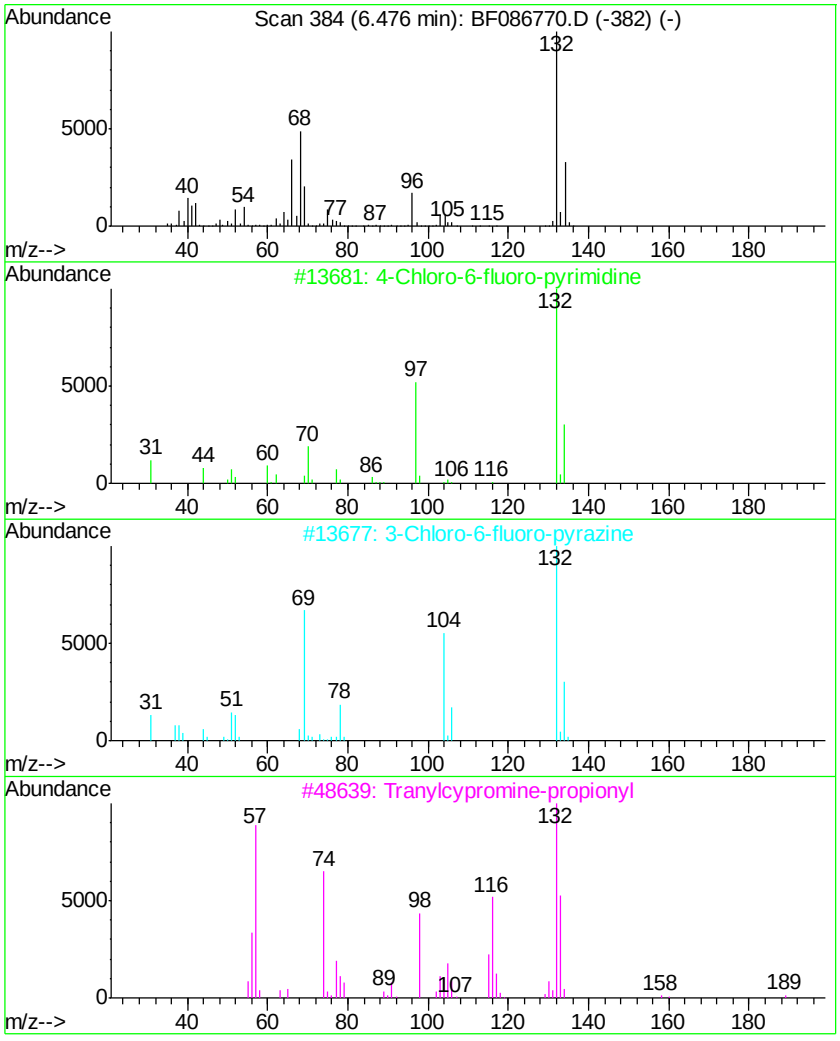
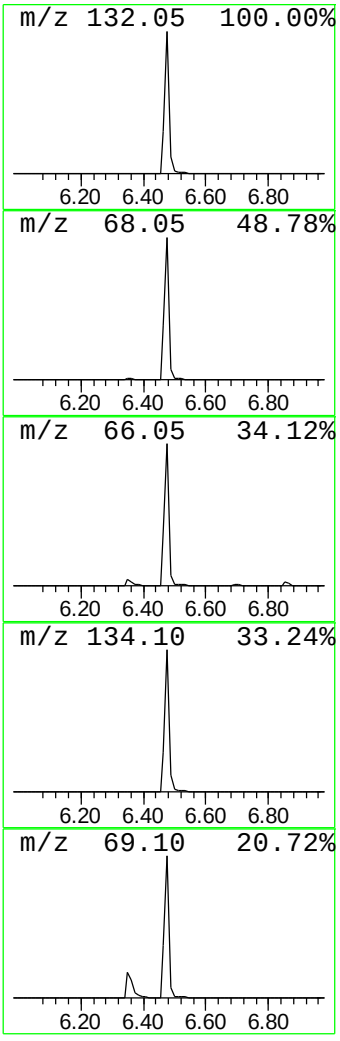
Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	160.44 ng	4706780	1,4-Dichlorobenzene-d4	6.70

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	16





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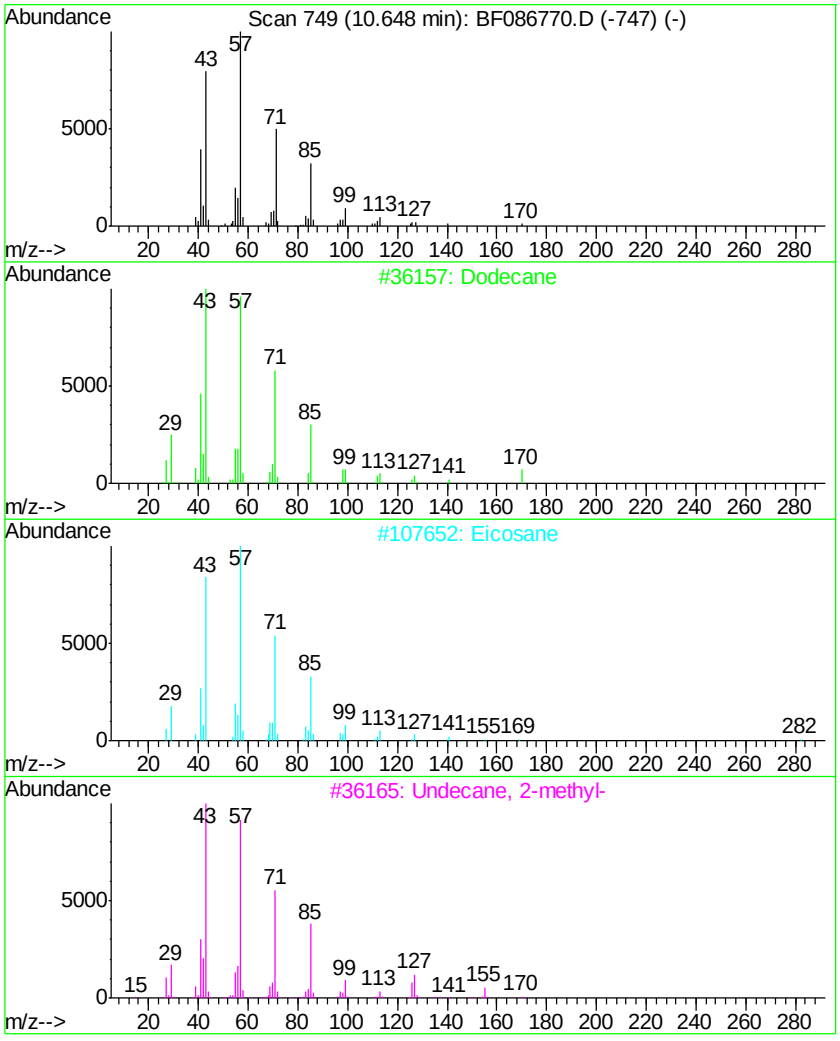
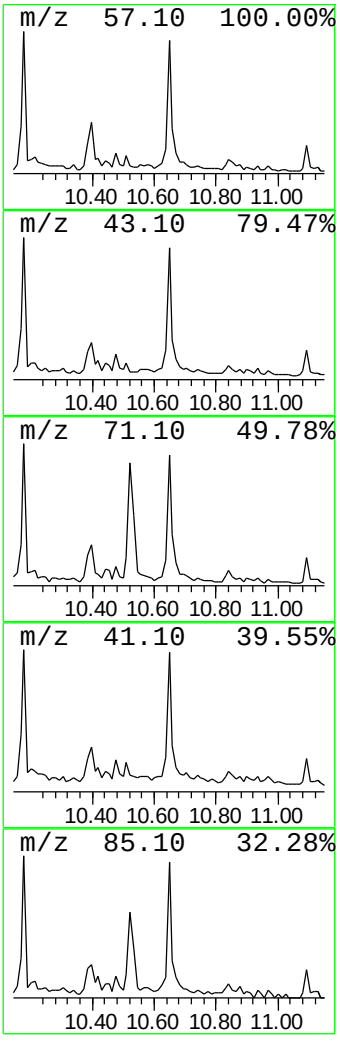
Peak Number 3 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.64 ng	182398	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Octadecane	254	C18H38	000593-45-3	90





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Misc :
ALS Vial : 43 Sample Multiplier: 1

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ClientSampleId : MWHR(3-8)

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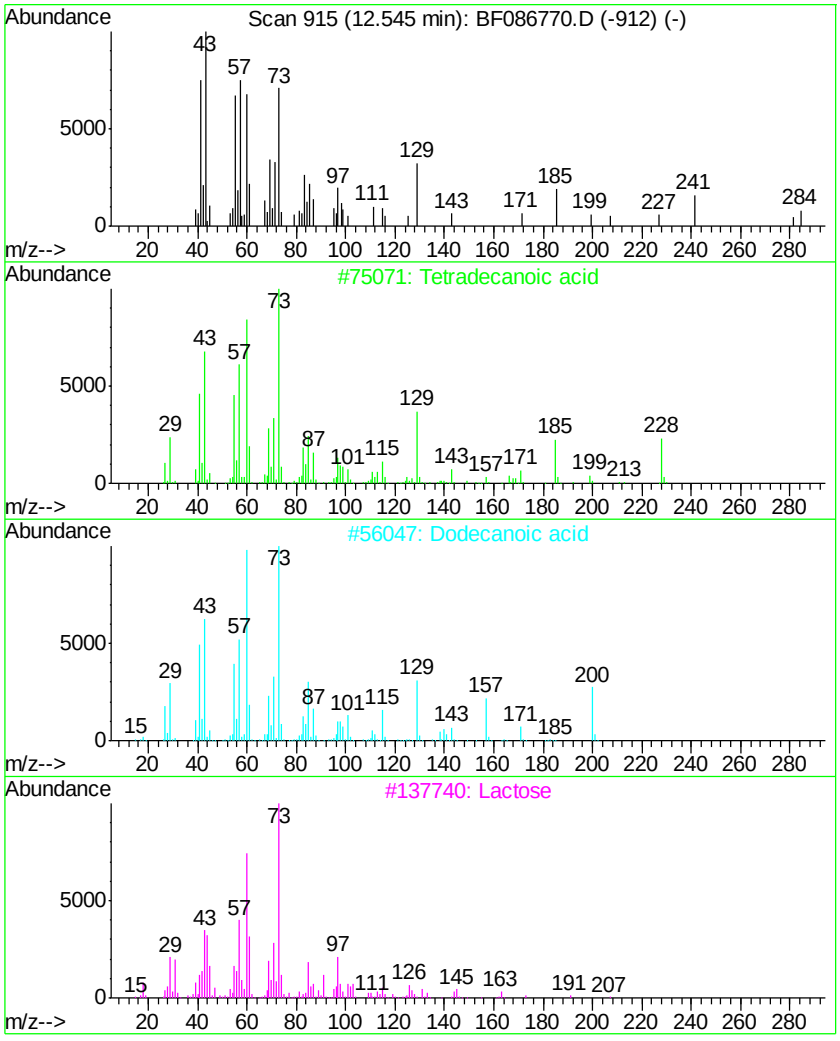
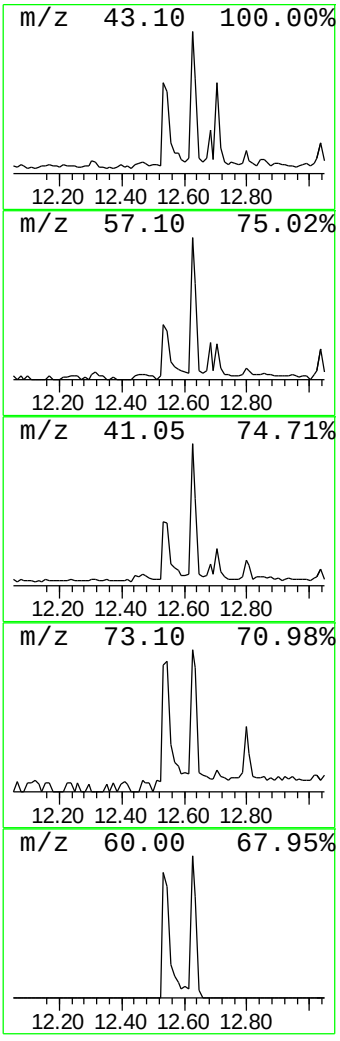
Peak Number 4 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.05 ng	111813	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
2	Dodecanoic acid	200	C12H24O2	000143-07-7	43
3	Lactose	342	C12H22O11	000063-42-3	38
4	n-Decanoic acid	172	C10H20O2	000334-48-5	35
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
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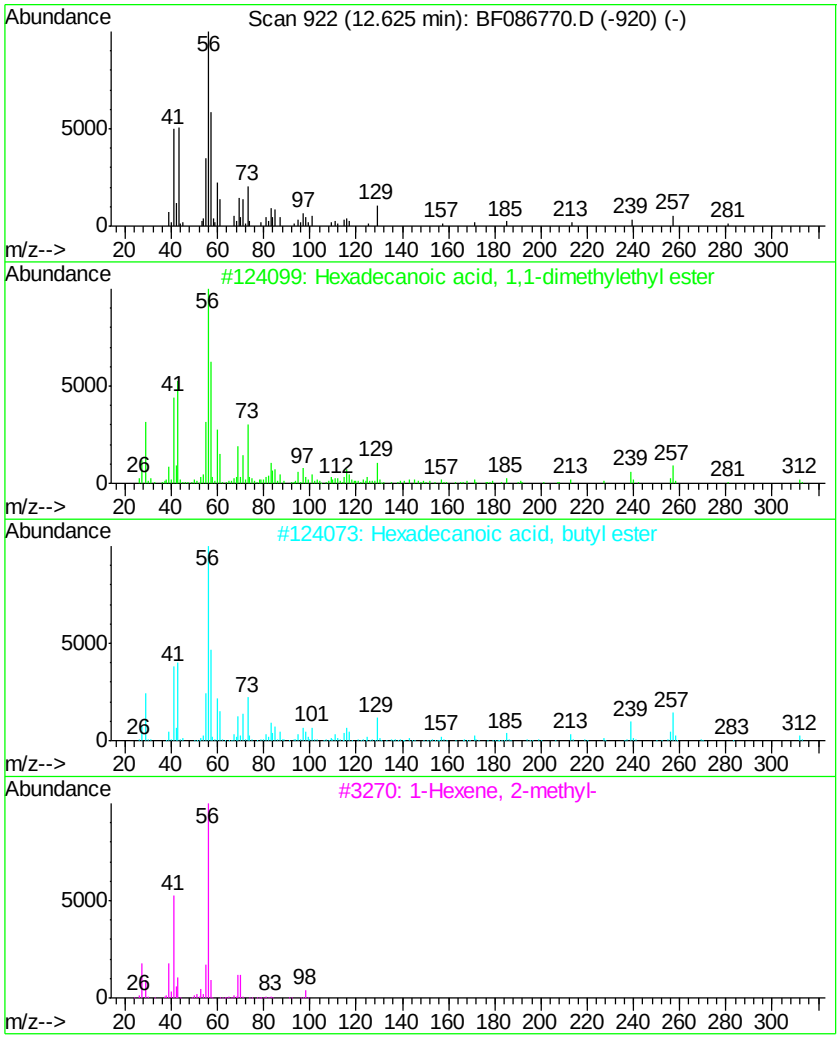
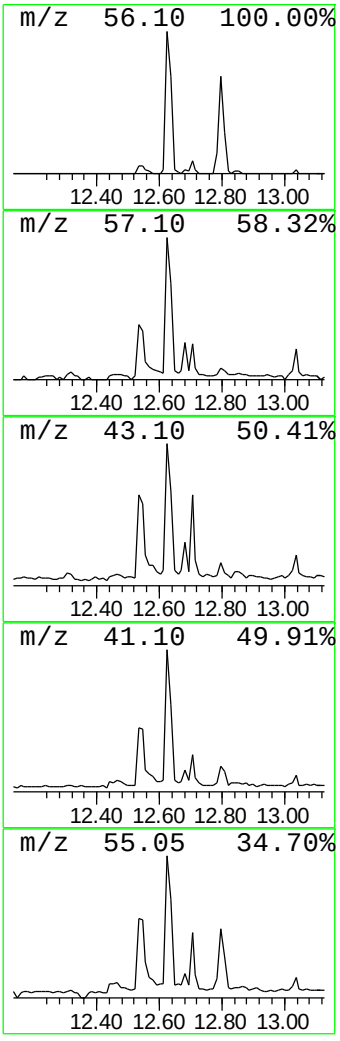
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.78 ng	159723	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
4	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.48	6.48	160.4	ng	4706780	1	6.70	1173490	40.0
Dodecane	10.65	4.6	ng	182398	4	11.22	1571200	40.0
Tetradecanoic acid	12.55	4.0	ng	111813	5	13.85	1104970	40.0
Hexadecanoic acid...	12.63	5.8	ng	159723	5	13.85	1104970	40.0