LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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-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	3.527	122	126	130	rBV	41484	78842	1.28%	0.179%
2	4.910	245	247	254	rBV	80649	120655	1.96%	0.273%
3	5.253	274	277	280	rBV	31989	68840	1.12%	0.156%
4	5.322	280	283	285	rBV	1566502	2348131	38.17%	5.316%
5	5.516	296	300	304	rVB2	34911	65875	1.07%	0.149%
6	6.362	372	374	379	rBV	1151201	1540985	25.05%	3.489%
7	6.442	379	381	382	rVV	86617	86696	1.41%	0.196%
8	6.476	382	384	387	rVV	3346664	4666761	75.86%	10.566%
9	6.705	401	404	408	rBV	1254096	1228889	19.98%	2.782%
10	6.865	415	418	420	rBV	4298697	4603596	74.84%	10.423%
11	7.139	438	442	446	rBV4	43019	138940	2.26%	0.315%
12	7.276	451	454	457	rBV	2793362	4032441	65.55%	9.130%
13	7.767	495	497	499	rBV2	46789	64271	1.04%	0.146%
14	7.996	514	517	519	rBV	1229929	1526055	24.81%	3.455%
15	8.385	547	551	554	rBV2	34969	89069	1.45%	0.202%
16	8.933	597	599	603	rBV2	35246	76588	1.25%	0.173%
17	9.002	603	605	607	rBV3	58283	116507	1.89%	0.264%
18	9.070	607	611	614	rVB	4955797	6151436	100.00%	13.928%
19	9.230	623	625	631	rVB3	73443	133928	2.18%	0.303%
20	9.333	631	634	638	rBV5	34540	100320	1.63%	0.227%
21	9.470	644	646	649	rVB	61643	85232	1.39%	0.193%
22	9.676	662	664	666	rBV2	65044	95612	1.55%	0.216%
23	9.745	667	670	672	rVV	1777222	1824951	29.67%	4.132%
24	9.905	681	684	688	rBV4	48517	147965	2.41%	0.335%
25	10.179	704	708	710	rBV	162191	189667	3.08%	0.429%
26	10.396	724	727	729	rBV	45935	103096	1.68%	0.233%
27	10.533	736	739	742	rVB	3553998	3991033	64.88%	9.036%
28	10.648	748	749	753	rVB	97640	136810	2.22%	0.310%
29	10.911	770	772	776	rBV4	39253	72006	1.17%	0.163%
30	11.094	785	788	795	rVB4	59231	170507	2.77%	0.386%
31	11.219	797	799	802	rBV	1643120	1541493	25.06%	3.490%
32	11.768	844	847	853	rBV3	271167	392024	6.37%	0.888%
33	12.488	906	910	913	rVB4	31111	71665	1.17%	0.162%
34	12.545	913	915	921	rBV	287044	330385	5.37%	0.748%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.808	935	938	940	rBV	4570489	4733296	76.95%	10.717%
36	12.842	940	941	946	rVB	288483	256699	4.17%	0.581%
37	13.699	1014	1016	1019	rBV	84795	112051	1.82%	0.254%
38	13.848	1026	1029	1032	rBV	1336519	1301369	21.16%	2.946%
39	14.625	1095	1097	1099	rBV	69457	75461	1.23%	0.171%
40	14.922	1121	1123	1126	rBV	71578	91858	1.49%	0.208%
41	15.231	1147	1150	1159	rBV	761113	1042903	16.95%	2.361%
42	15.643	1184	1186	1189	rBV	54867	75280	1.22%	0.170%
43	16.088	1223	1225	1231	rVB2	54119	87343	1.42%	0.198%

Sum of corrected areas: 44167531

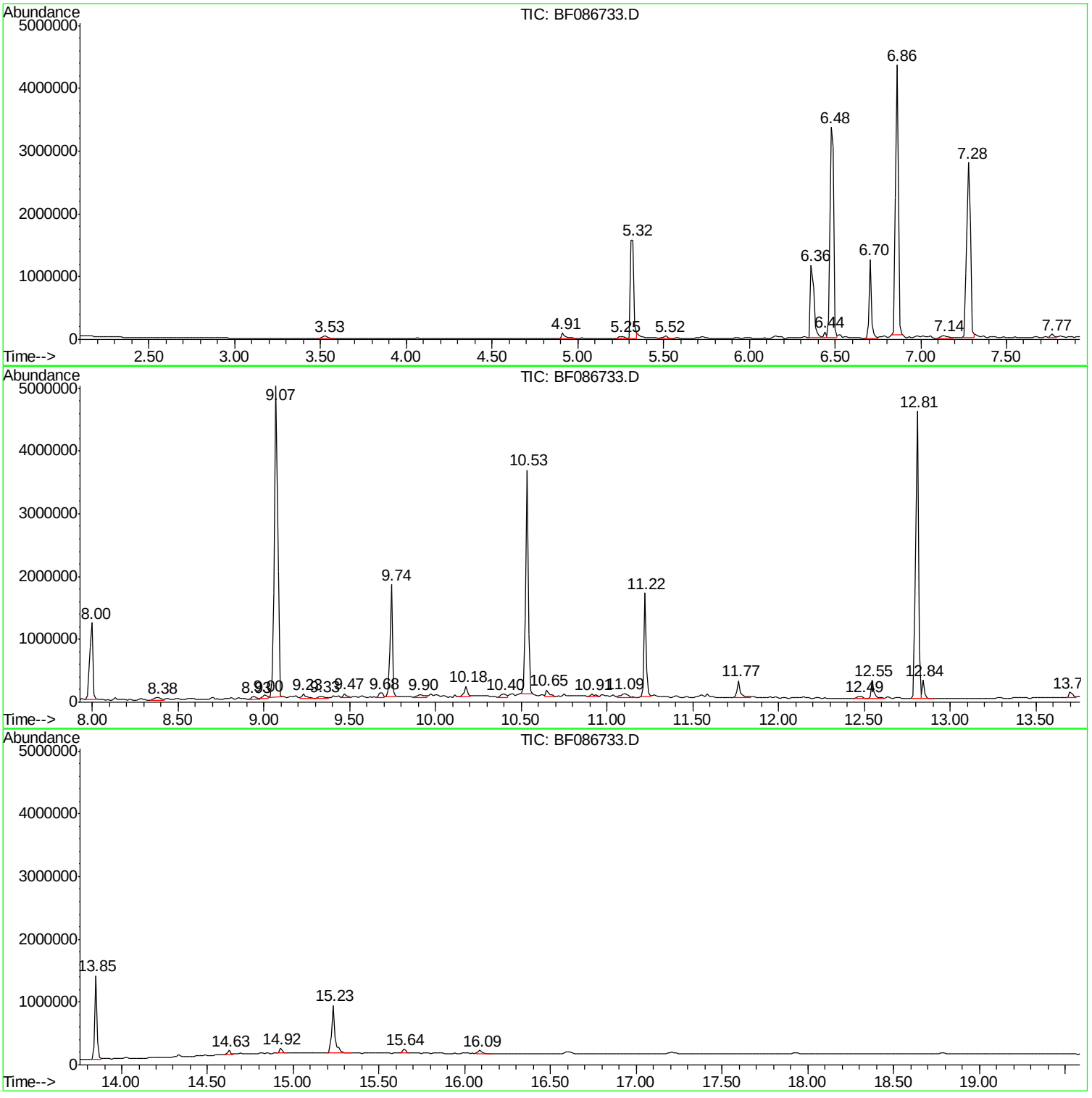
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

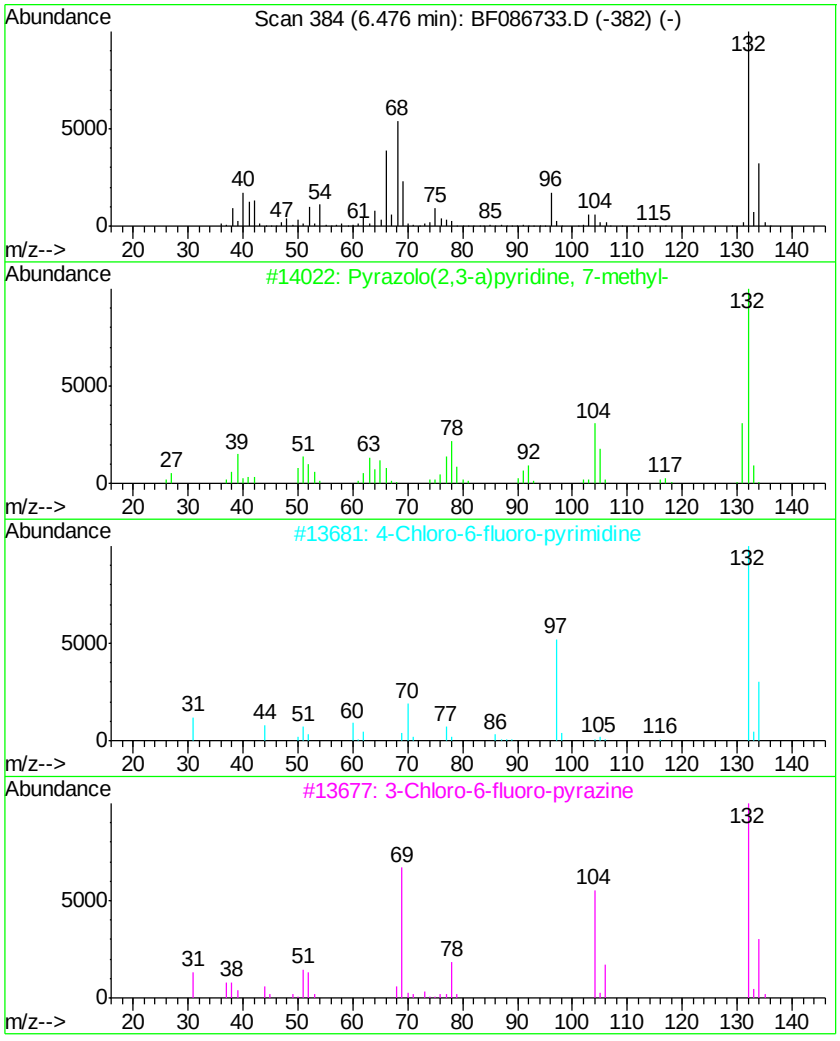
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

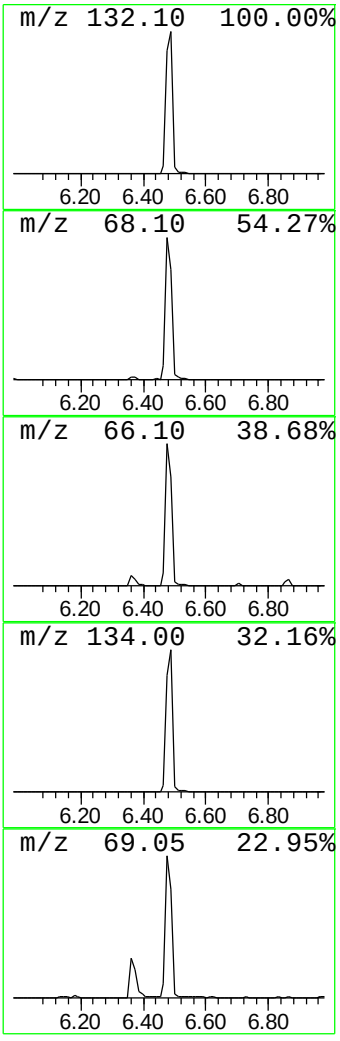
****

Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	151.90 ng	4666760	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

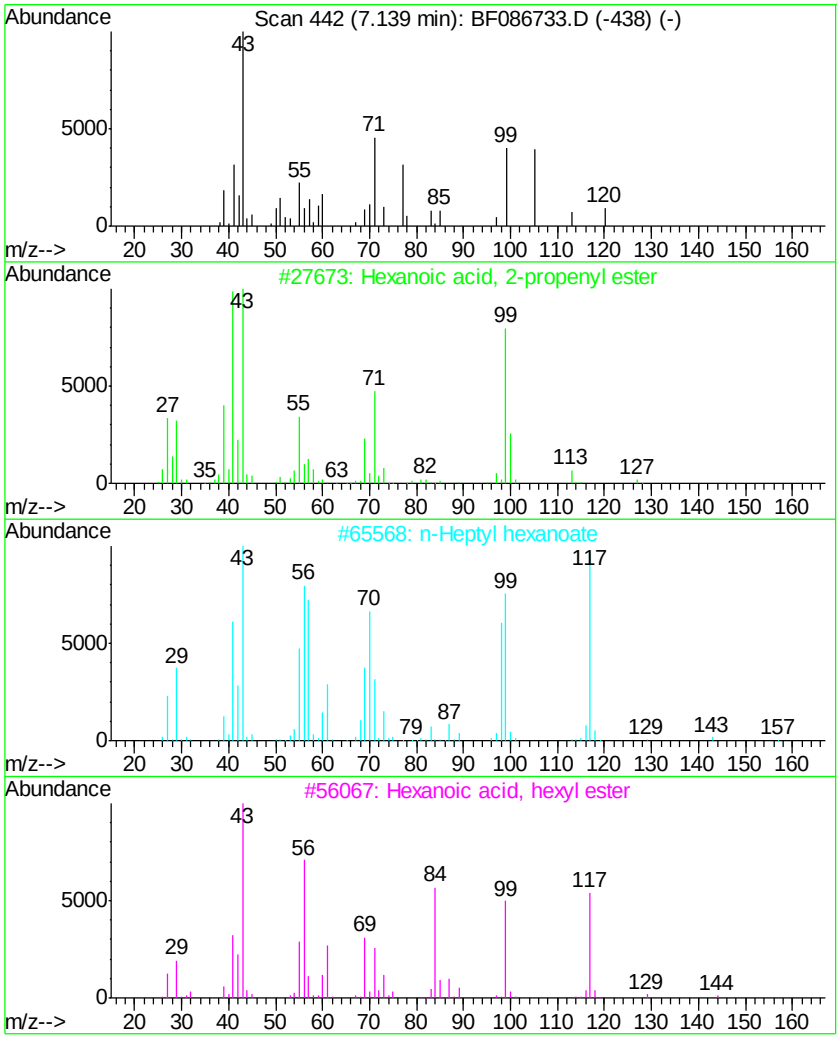
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

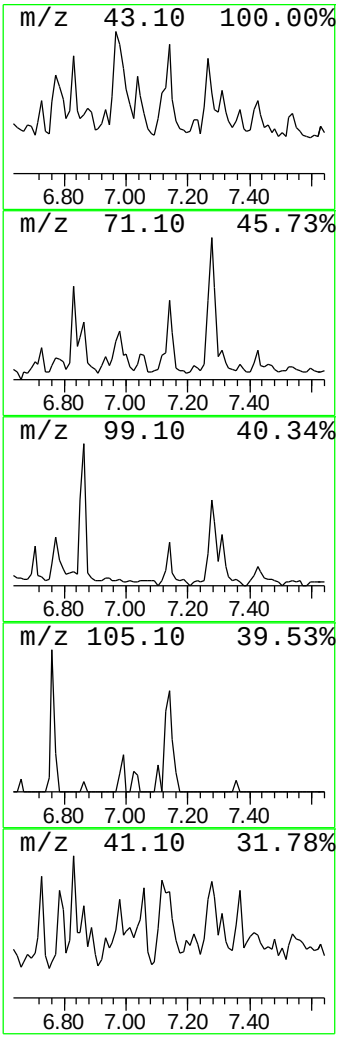
****

Peak Number 3 unknown7.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	4.52 ng	138940	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-propenyl ester	156	C9H16O2	000123-68-2	47
2	n-Heptyl hexanoate	214	C13H26O2	006976-72-3	17
3	Hexanoic acid, hexyl ester	200	C12H24O2	006378-65-0	16
4	Heptanoic acid, 2-methyl-2-butyl...	200	C12H24O2	1000160-11-4	16
5	2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	12





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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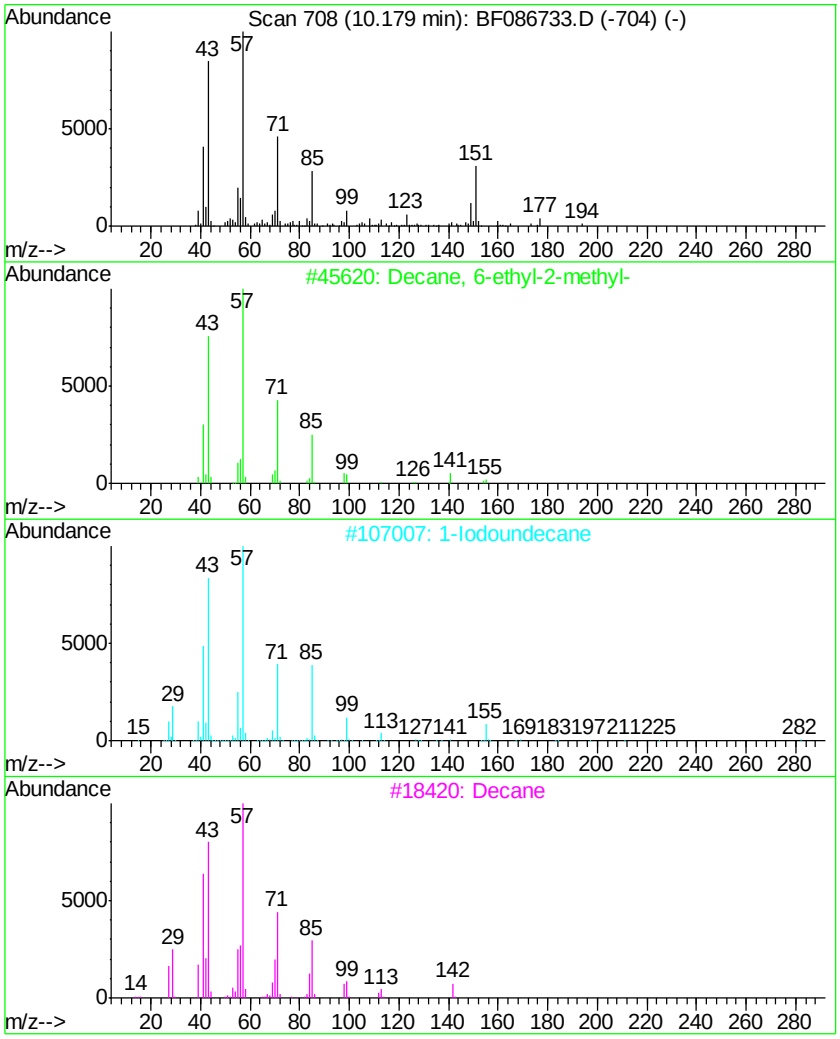
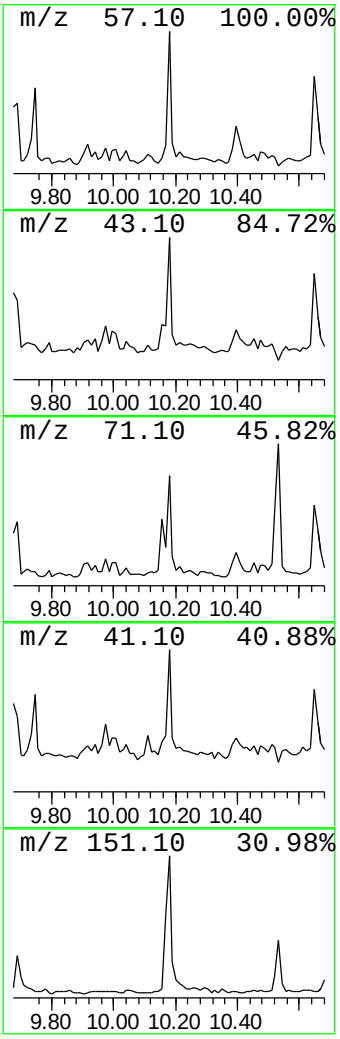
Peak Number 4 Decane, 6-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	4.16 ng	189667	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
2	1-Iodoundecane	282	C11H23I	004282-44-4	50
3	Decane	142	C10H22	000124-18-5	50
4	Hexadecane	226	C16H34	000544-76-3	46
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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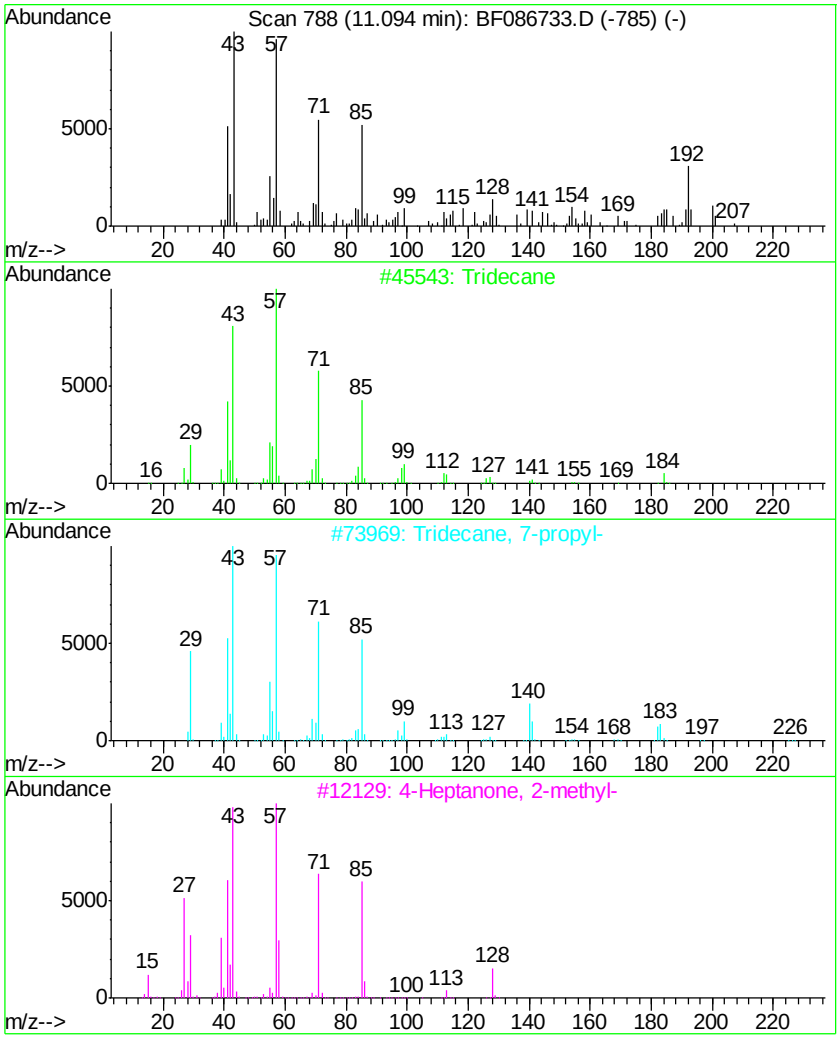
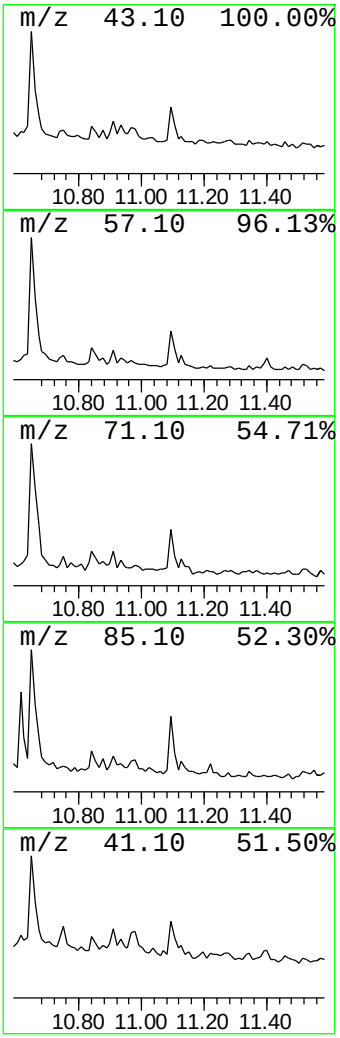
Peak Number 5 unknown11.09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	4.42 ng	170507	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	49
3	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	46
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
5	Tetradecane	198	C14H30	000629-59-4	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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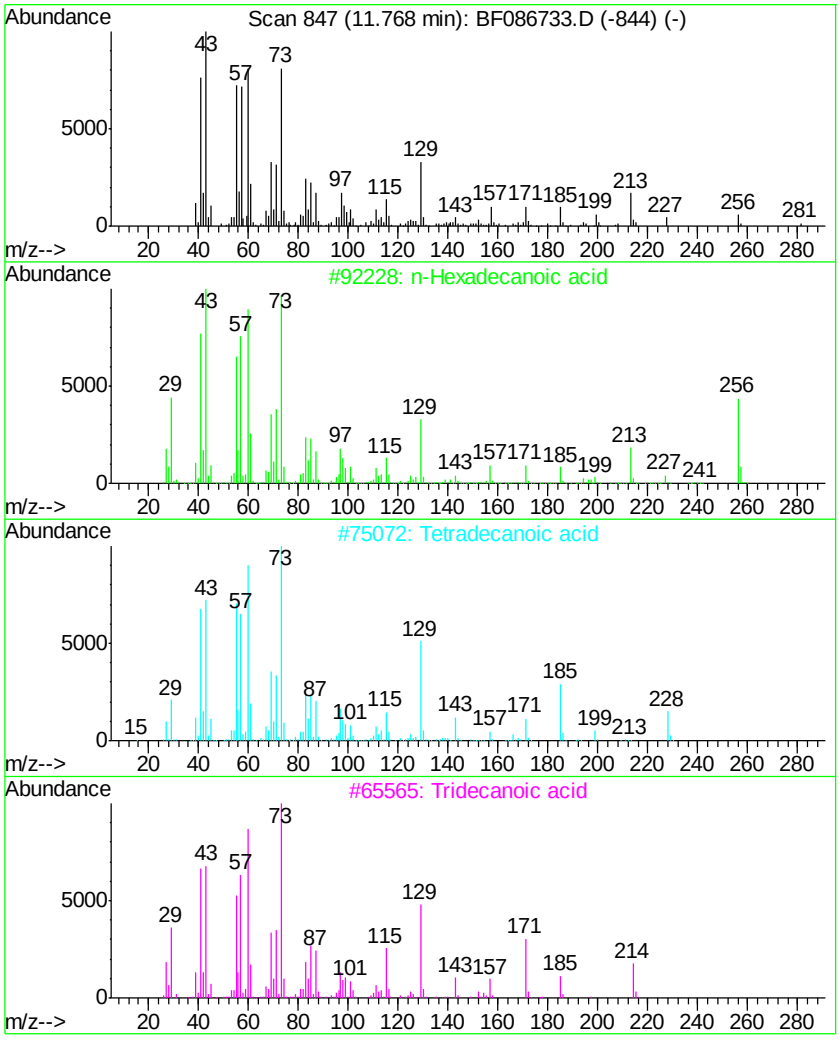
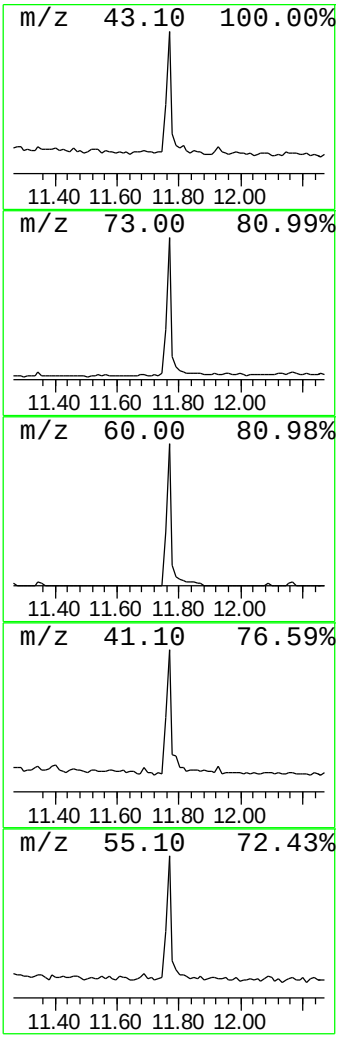
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	10.17 ng	392024	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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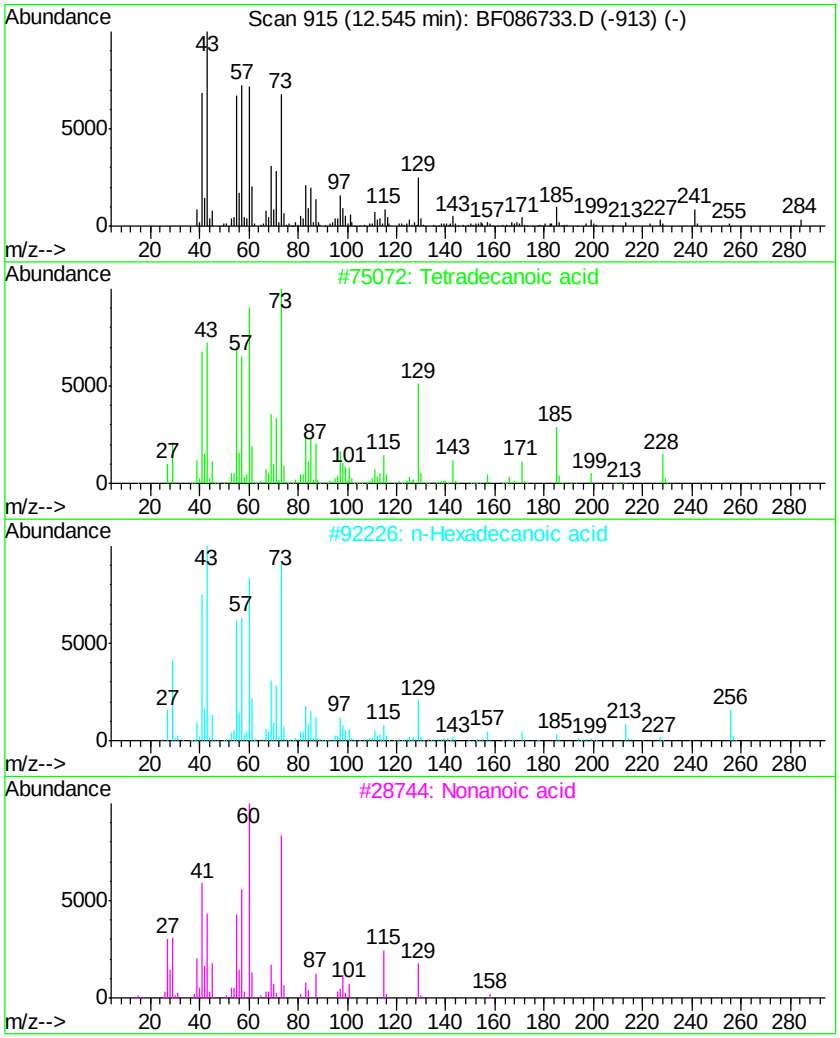
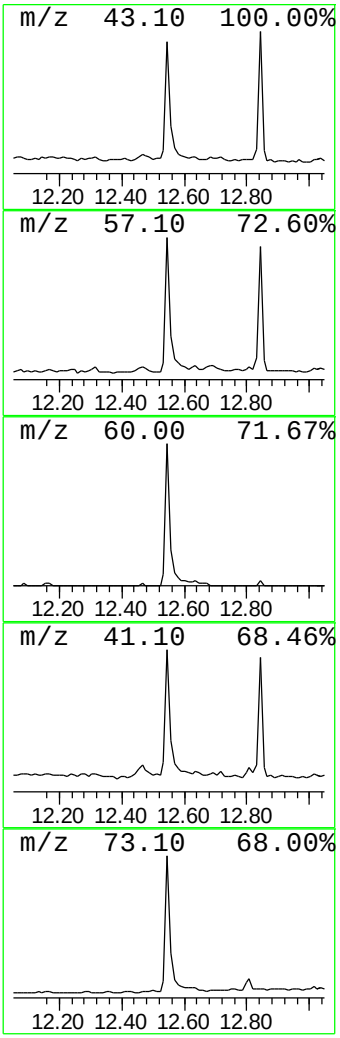
Peak Number 7 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	10.16 ng	330385	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3	Nonanoic acid	158	C9H18O2	000112-05-0	43
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	25
5	Hexanoic acid, 5-oxo-, ethyl ester	158	C8H14O3	013984-57-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086733.D
Acq On : 6 May 2016 19:35
Operator : UM/SJ
Sample : H2802-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.48	6.48	151.9	ng	4666760	1	6.70	1228890	40.0
unknown7.14	7.14	4.5	ng	138940	1	6.70	1228890	40.0
Decane, 6-ethyl-2...	10.18	4.2	ng	189667	3	9.74	1824950	40.0
unknown11.09	11.09	4.4	ng	170507	4	11.22	1541490	40.0
n-Hexadecanoic acid	11.77	10.2	ng	392024	4	11.22	1541490	40.0
Tetradecanoic acid	12.55	10.2	ng	330385	5	13.85	1301370	40.0