LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085301.D
Acq On : 9 Mar 2016 16:15
Operator : UM/SJ
Sample : H1623-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-28-022516

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-BF030316.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	2.915	53	55	64	rVB	122012	196569	2.32%	0.314%
2	4.458	187	190	193	rVB	281595	347265	4.10%	0.555%
3	5.179	249	253	259	rVB	964740	1924967	22.75%	3.077%
4	5.579	284	288	290	rBV	4061211	5021692	59.36%	8.027%
5	6.584	372	376	378	rBV	3790661	4357410	51.51%	6.965%
6	6.722	385	388	391	rBV	4433231	4845376	57.28%	7.745%
7	6.950	406	408	410	rBV	1473633	1239523	14.65%	1.981%
8	7.110	419	422	424	rVB	3842539	3939059	46.56%	6.296%
9	7.510	454	457	460	rBV	2528333	3043242	35.97%	4.864%
10	7.956	491	496	501	rVB	184890	302990	3.58%	0.484%
11	8.230	517	520	524	rBV	1586101	1586851	18.76%	2.536%
12	9.316	611	615	617	rVB	4633382	6192154	73.20%	9.898%
13	9.990	671	674	676	rBV	1747803	1659767	19.62%	2.653%
14	10.185	689	691	694	rVB2	120798	141980	1.68%	0.227%
15	10.779	740	743	746	rBV	3130232	3561576	42.10%	5.693%
16	11.133	772	774	777	rBV	231512	222332	2.63%	0.355%
17	11.476	801	804	806	rBV	1854938	1781352	21.06%	2.847%
18	11.853	832	837	839	rBV3	39289	104150	1.23%	0.166%
19	12.014	846	851	854	rBV	2739845	4272374	50.50%	6.829%
20	12.402	882	885	891	rVB	136847	182548	2.16%	0.292%
21	12.654	904	907	908	rBV	60489	89703	1.06%	0.143%
22	12.711	908	912	915	rBV2	506239	1003985	11.87%	1.605%
23	12.814	915	921	923	rBV	4612999	8459761	100.00%	13.522%
24	13.065	940	943	946	rVB	5239016	5752043	67.99%	9.194%
25	13.499	979	981	985	rBV	143681	187020	2.21%	0.299%
26	14.105	1032	1034	1037	rBV	977992	1303416	15.41%	2.083%
27	15.568	1159	1162	1165	rBV	614371	842387	9.96%	1.346%

Sum of corrected areas: 62561492

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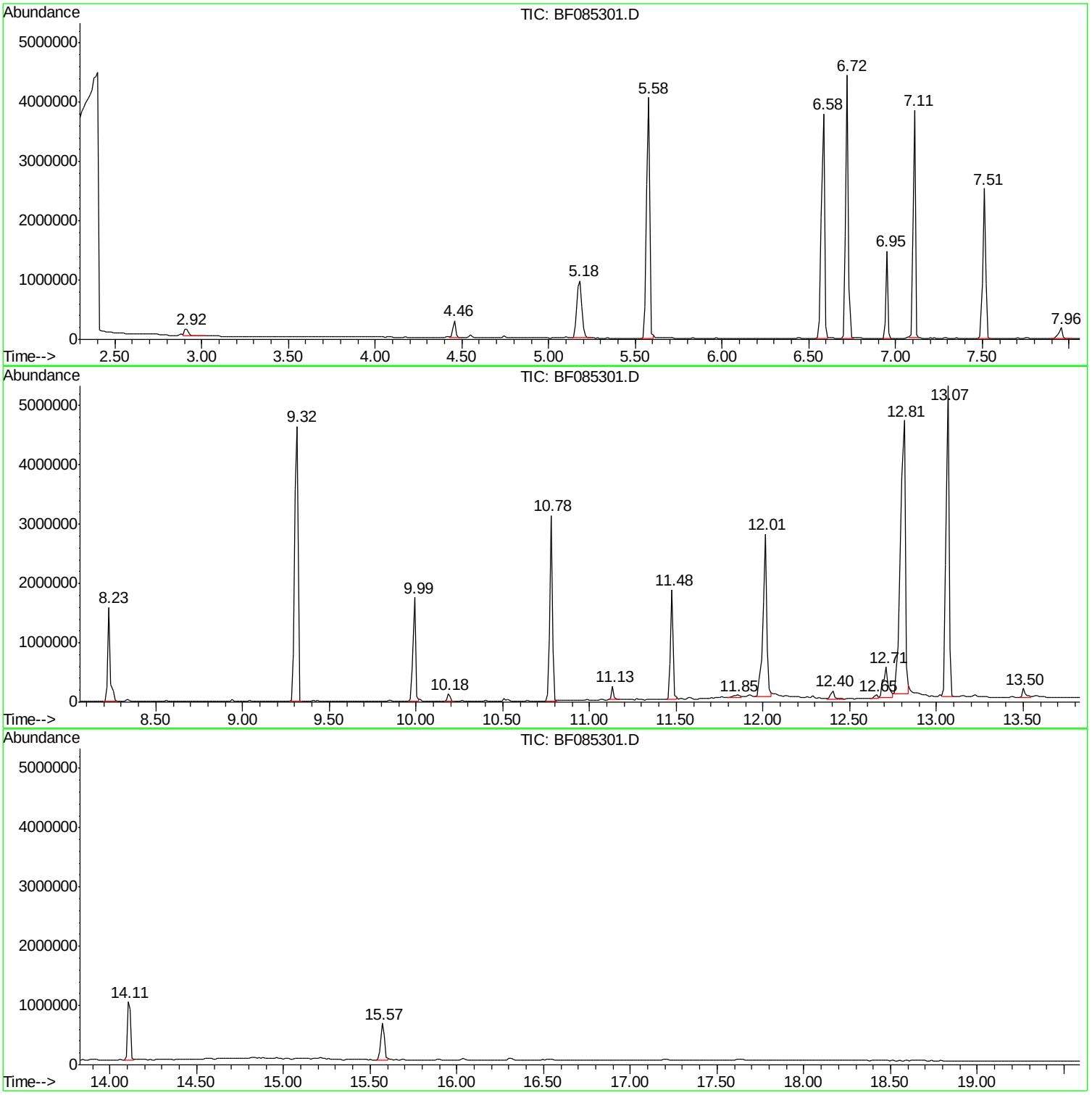
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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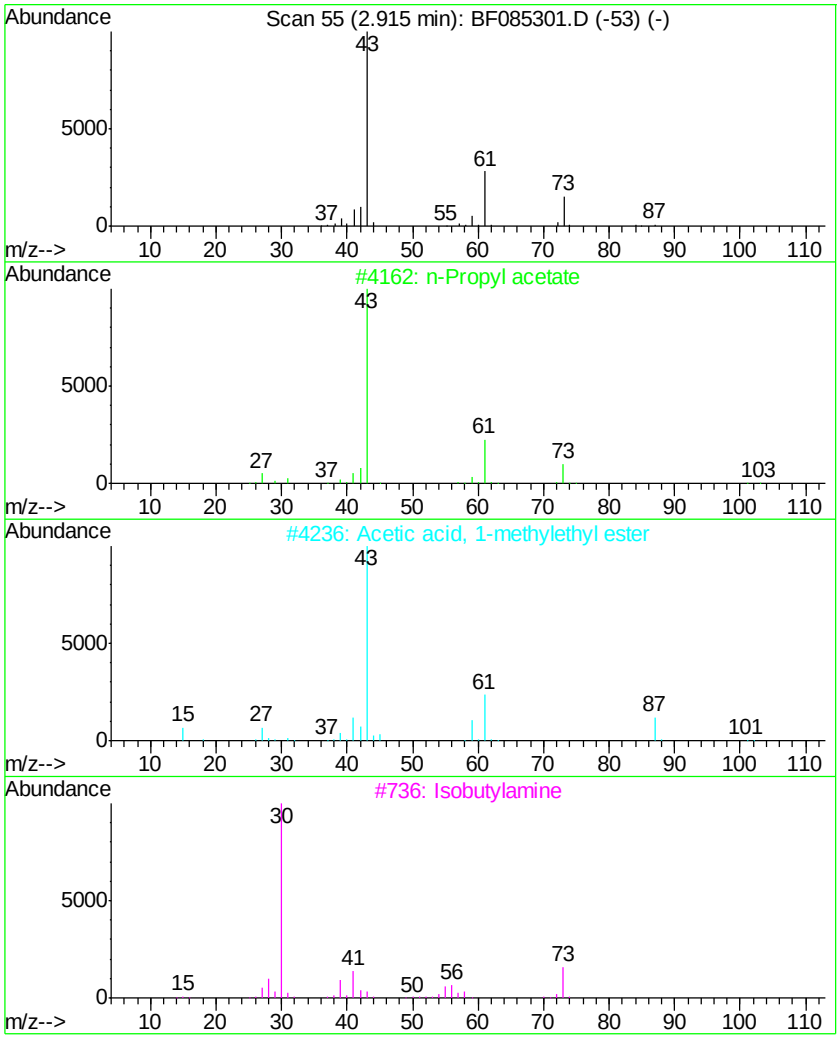
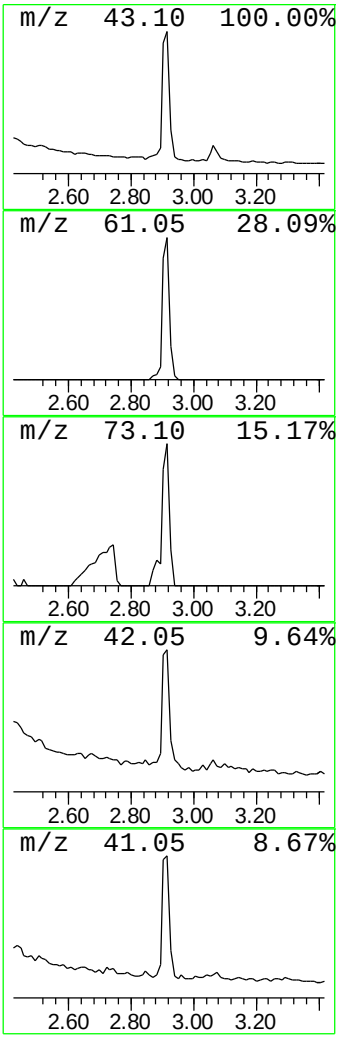
Peak Number 1 n-Propyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	3.17 ng	196569	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	36
3	Isobutylamine	73	C4H11N	000078-81-9	7
4	1-Butanamine	73	C4H11N	000109-73-9	7
5	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	4





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ClientSampleId : HSR-WC-28-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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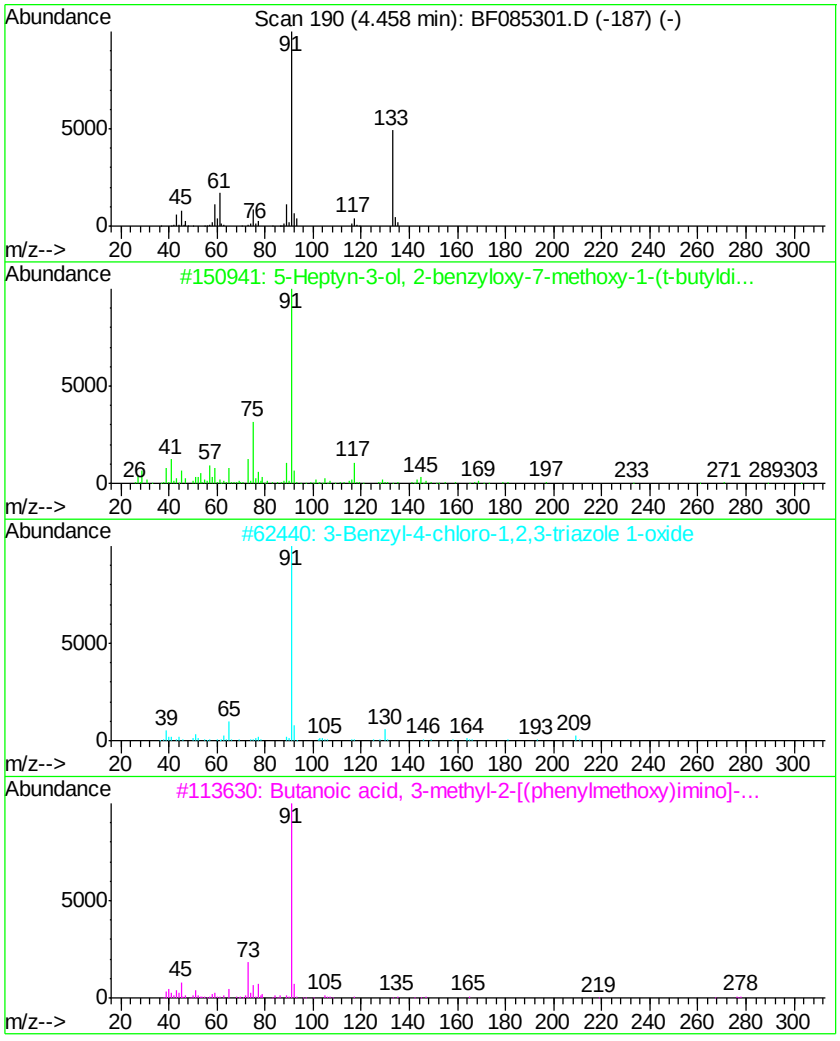
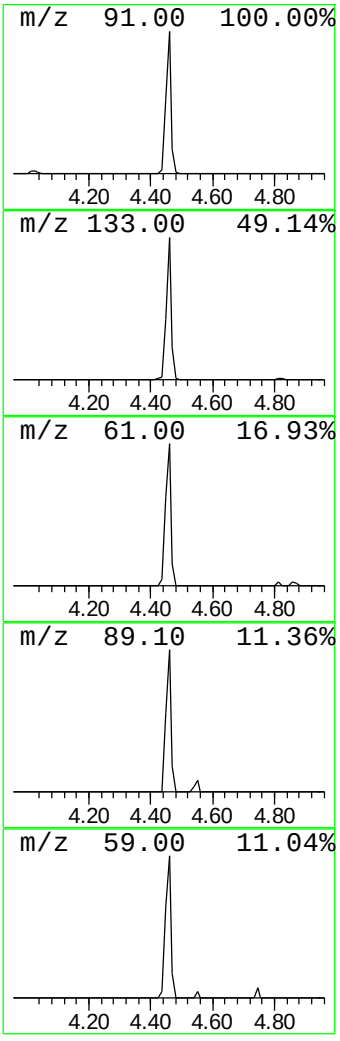
Peak Number 2 unknown4.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	5.60 ng	347265	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Heptyn-3-ol, 2-benzyloxy-7-met...	378	C21H34O4Si	1000192-35-5	25
2	3-Benzyl-4-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-63-9	9
3	Butanoic acid, 3-methyl-2-[(phen...	293	C15H23NO3Si	055520-96-2	9
4	2-Cyanophenyl .beta.-phenylpropi...	251	C16H13NO2	040123-48-6	9
5	Acetic acid, [(phenylmethoxy)imi...	251	C12H17NO3Si	055494-08-1	9





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Sample : H1623-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-28-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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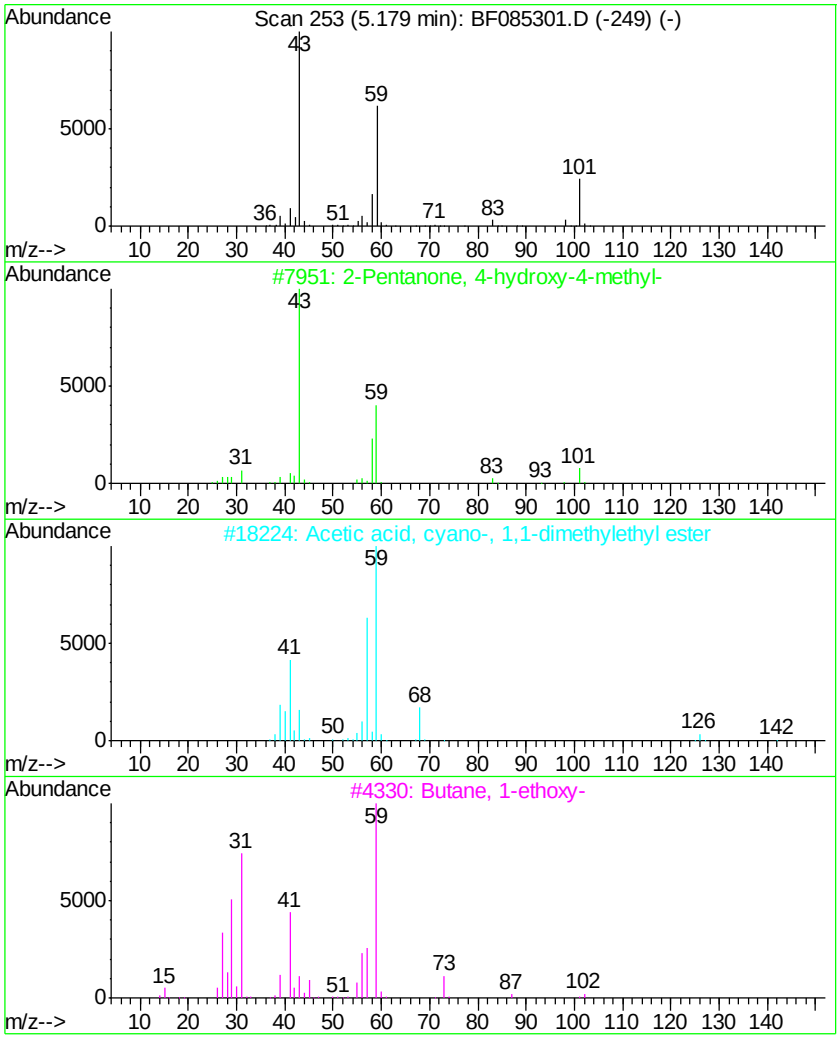
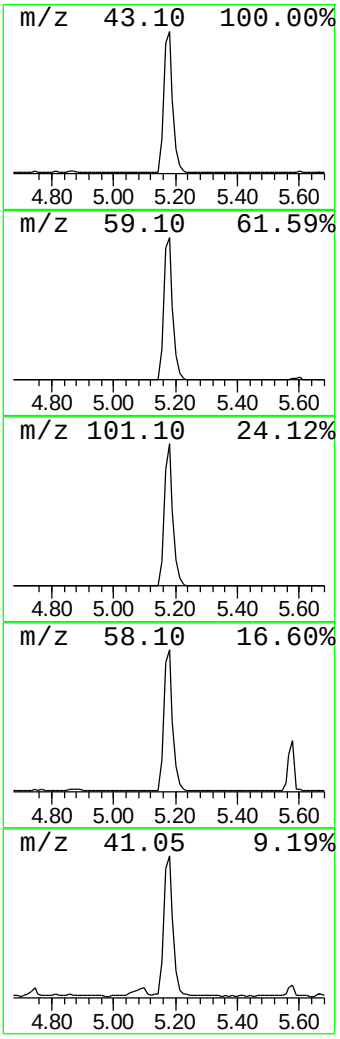
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	31.06 ng	1924970	1,4-Dichlorobenzene-d4	6.95

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	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H1623-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-28-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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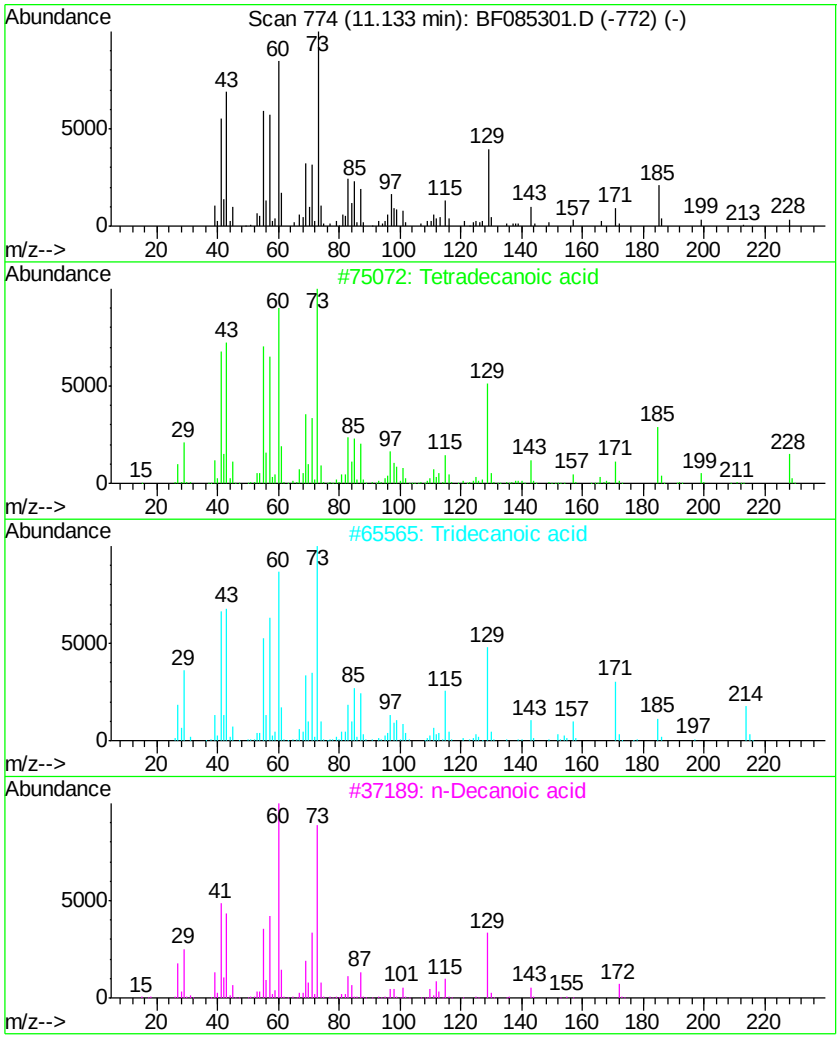
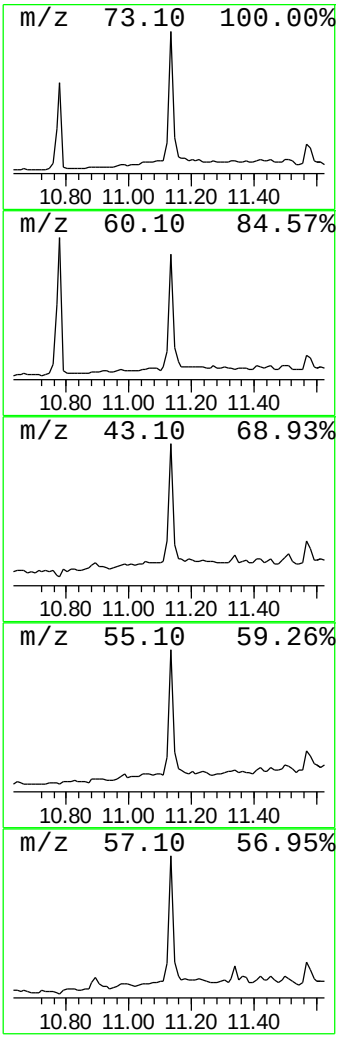
Peak Number 7 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.50 ng	222332	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Library Search Compound Report

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Instrument : BNA_F
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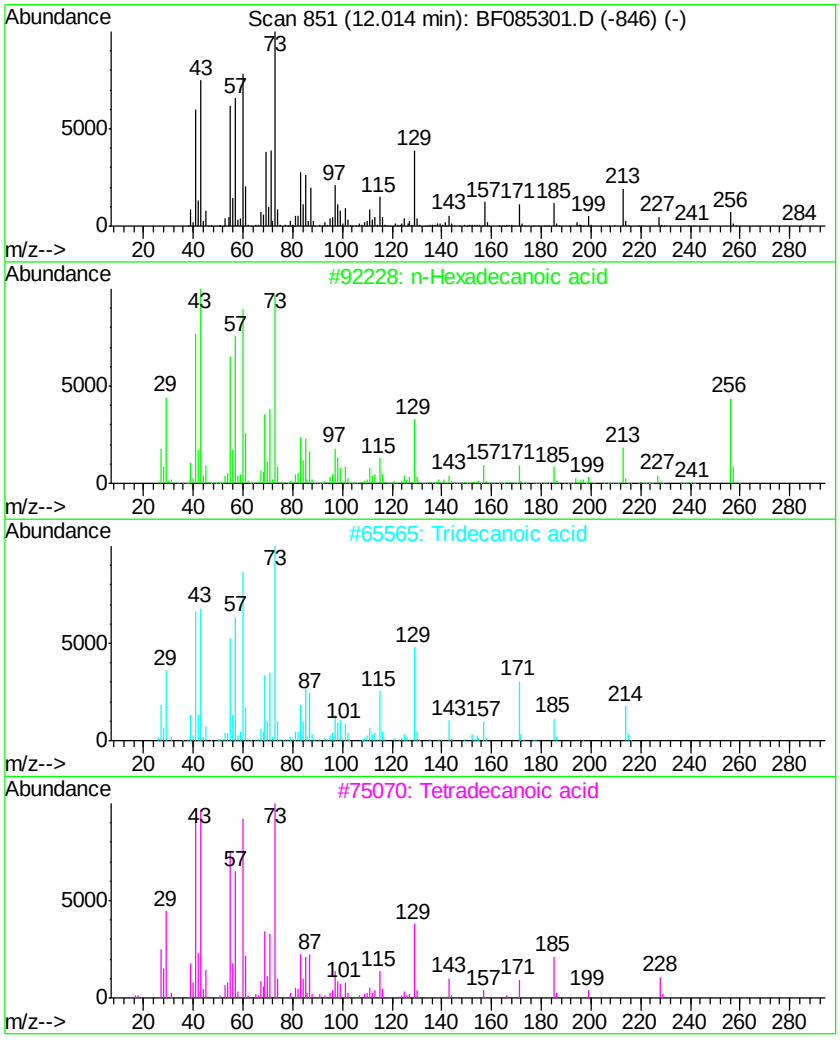
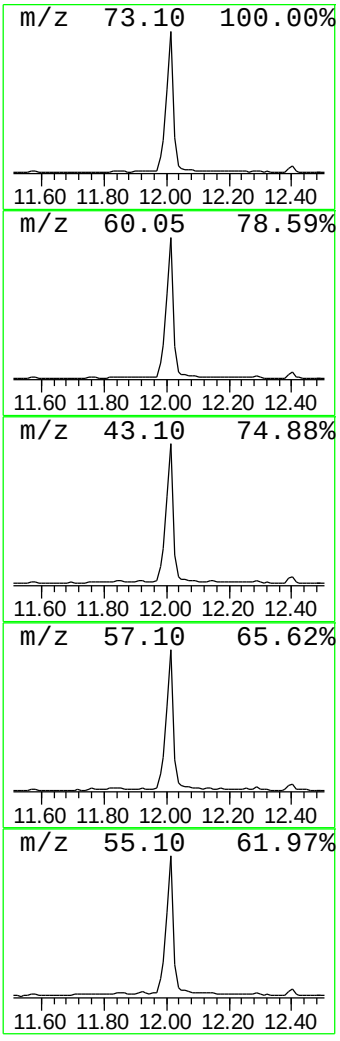
Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	47.97 ng	4272370	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-28-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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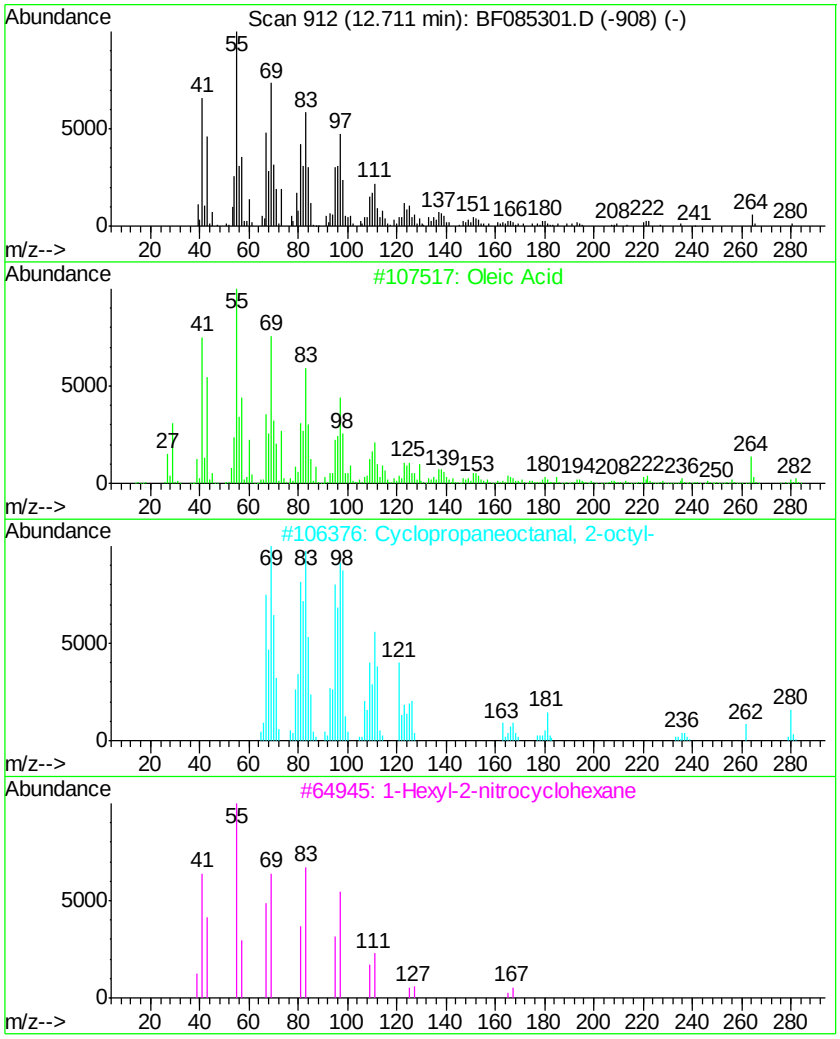
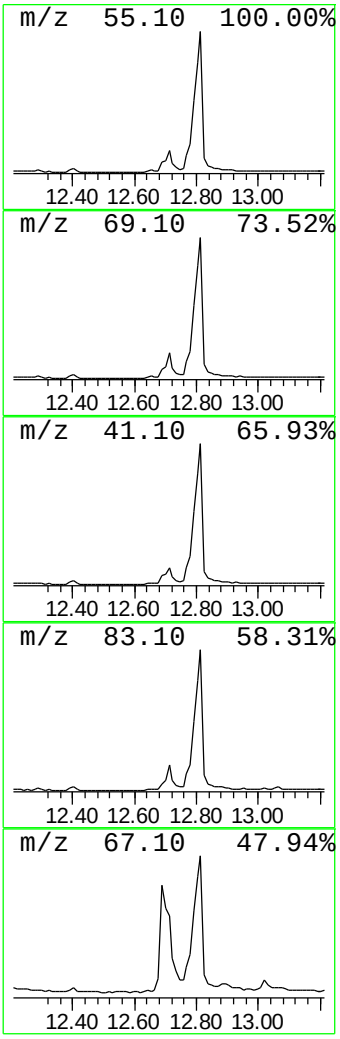
Peak Number 10 Oleic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	11.27 ng	1003990	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	83
2	Cyclopropaneoctanal, 2-octyl-	280	C19H36O	056196-06-6	83
3	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	68
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	62
5	1-Dodecanol	186	C12H26O	000112-53-8	58





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Instrument : BNA_F
ClientSampleId : HSR-WC-28-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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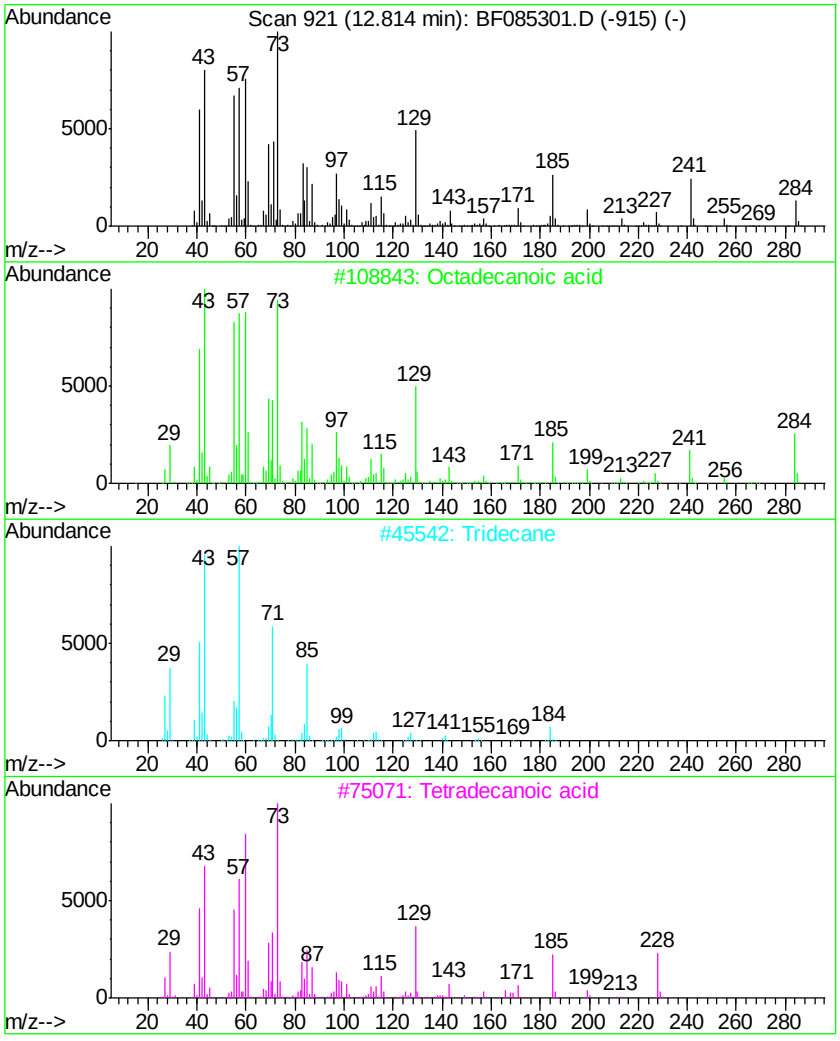
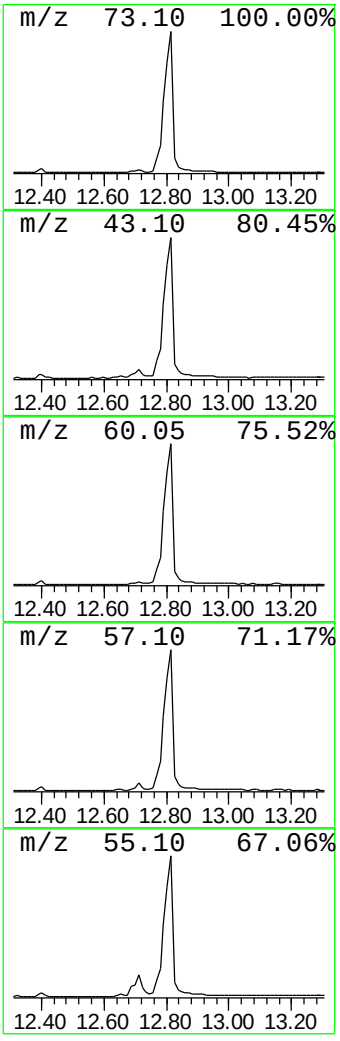
Peak Number 11 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	129.81 ng	8459760	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.92	3.2	ng	196569	1	6.95	1239520	20.0
unknown4.46	4.46	5.6	ng	347265	1	6.95	1239520	20.0
2-Pentanone, 4-hy...	5.18	31.1	ng	1924970	1	6.95	1239520	20.0
Tetradecanoic acid	11.13	2.5	ng	222332	4	11.48	1781350	20.0
n-Hexadecanoic acid	12.01	48.0	ng	4272370	4	11.48	1781350	20.0
Oleic Acid	12.71	11.3	ng	1003990	4	11.48	1781350	20.0
Octadecanoic acid	12.81	129.8	ng	8459760	5	14.12	1303420	20.0