LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086333.D
Acq On : 21 Apr 2016 2:55
Operator : UM/SJ
Sample : H2620-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

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-BF042016.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	2.144	3	5	35	rVB	312501	903766	17.00%	1.870%
2	5.058	257	260	268	rBV	1071196	1468478	27.63%	3.038%
3	5.470	293	296	299	rBV	3428972	4994037	93.95%	10.332%
4	5.870	329	331	334	rBV	131486	125541	2.36%	0.260%
5	6.510	383	387	389	rBV	3892521	5315514	100.00%	10.997%
6	6.636	395	398	401	rBV	4582713	4813727	90.56%	9.959%
7	6.864	416	418	421	rBV	1331367	1448874	27.26%	2.997%
8	7.024	430	432	435	rBV	4112209	3944929	74.22%	8.161%
9	7.436	465	468	470	rBV	2655342	3145208	59.17%	6.507%
10	7.527	474	476	484	rVB	54107	125396	2.36%	0.259%
11	8.156	528	531	533	rBV	1867361	1859904	34.99%	3.848%
12	9.230	622	625	628	rBV	4763795	4735755	89.09%	9.797%
13	9.619	657	659	662	rBV	434980	536782	10.10%	1.111%
14	9.847	676	679	680	rVB	68174	82749	1.56%	0.171%
15	9.905	682	684	687	rBV	1579538	1682537	31.65%	3.481%
16	10.339	720	722	724	rVB	206008	182259	3.43%	0.377%
17	10.556	738	741	745	rBV	66301	115941	2.18%	0.240%
18	10.693	750	753	756	rBV	2033994	2426906	45.66%	5.021%
19	10.819	762	764	770	rVB	182804	307411	5.78%	0.636%
20	11.002	778	780	783	rBV2	31695	66605	1.25%	0.138%
21	11.265	800	803	804	rBV	112168	117210	2.21%	0.242%
22	11.390	812	814	820	rBV	1514681	1711438	32.20%	3.541%
23	11.916	859	860	862	rBV	58523	67819	1.28%	0.140%
24	12.008	866	868	872	rVB	34993	64789	1.22%	0.134%
25	12.602	917	920	923	rBV	269066	300129	5.65%	0.621%
26	12.796	936	937	939	rBV2	231077	324140	6.10%	0.671%
27	12.831	939	940	943	rVB	232506	237750	4.47%	0.492%
28	12.979	950	953	955	rBV	3326818	3497764	65.80%	7.236%
29	13.208	971	973	976	rBV3	42358	83800	1.58%	0.173%
30	13.505	997	999	1001	rBV	214131	187098	3.52%	0.387%
31	13.551	1001	1003	1007	rBV2	70278	135100	2.54%	0.279%
32	13.905	1030	1034	1036	rBV3	157402	351948	6.62%	0.728%
33	14.031	1042	1045	1050	rBV2	911817	1468098	27.62%	3.037%
34	14.499	1084	1086	1088	rVB	162927	171138	3.22%	0.354%

LSC Area Percent Report

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Data File : BF086333.D
Acq On : 21 Apr 2016 2:55
Operator : UM/SJ
Sample : H2620-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

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-BF042016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.048	1132	1134	1138	rBV	147786	310202	5.84%	0.642%
36	15.459	1167	1170	1177	rBV	601392	1025639	19.30%	2.122%

Sum of corrected areas: 48336381

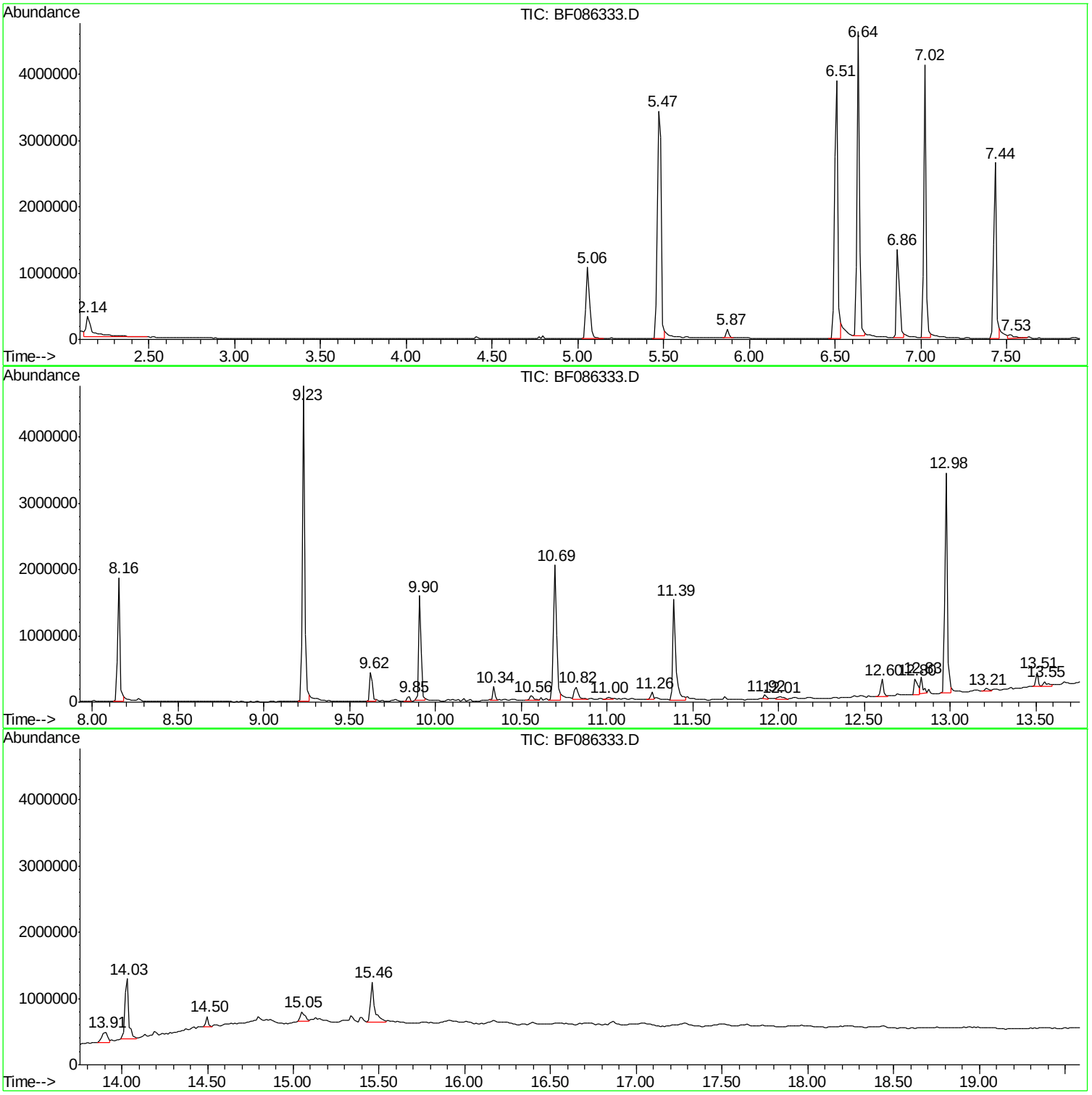
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086333.D
Acq On : 21 Apr 2016 2:55
Operator : UM/SJ
Sample : H2620-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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\BF042016\
Data File : BF086333.D
Acq On : 21 Apr 2016 2:55
Operator : UM/SJ
Sample : H2620-01
Misc :
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Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

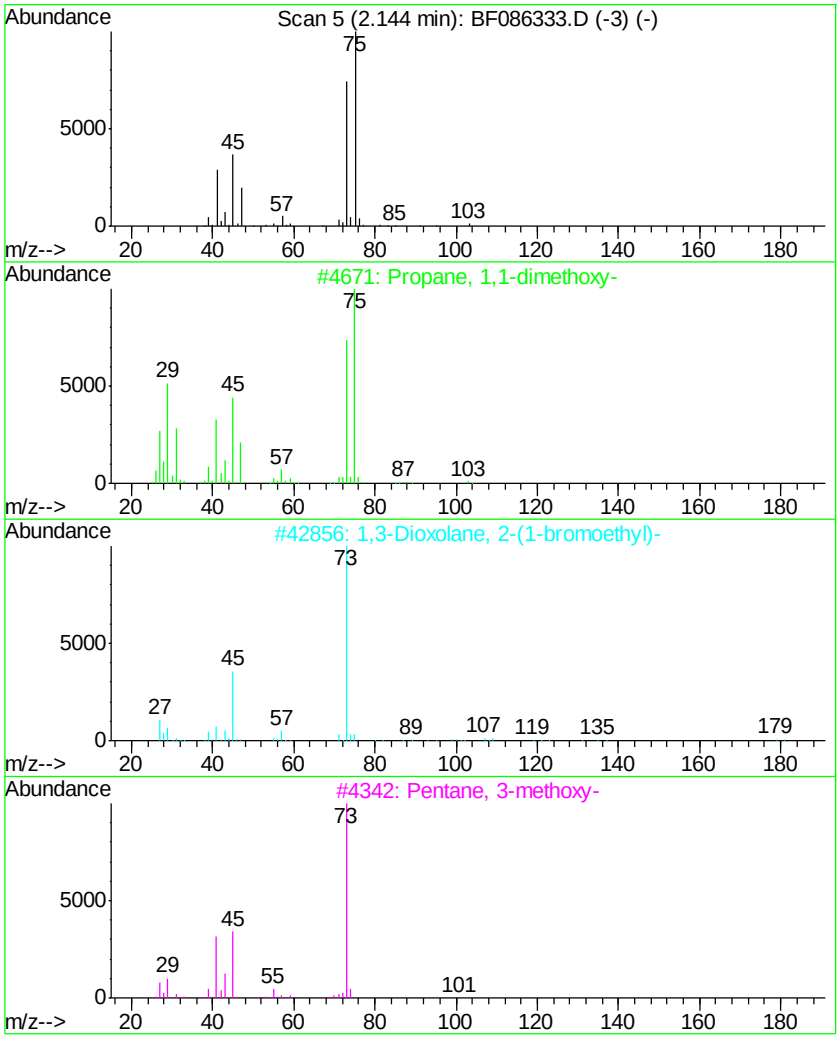
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

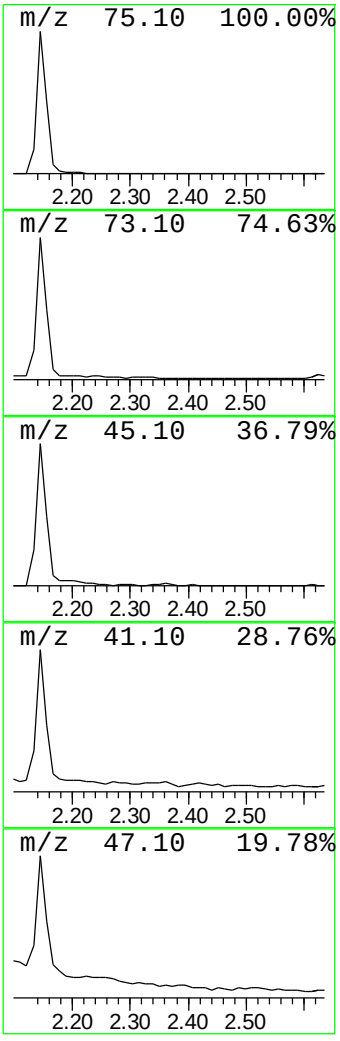
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	12.48 ng	903766	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	14
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086333.D
Acq On : 21 Apr 2016 2:55
Operator : UM/SJ
Sample : H2620-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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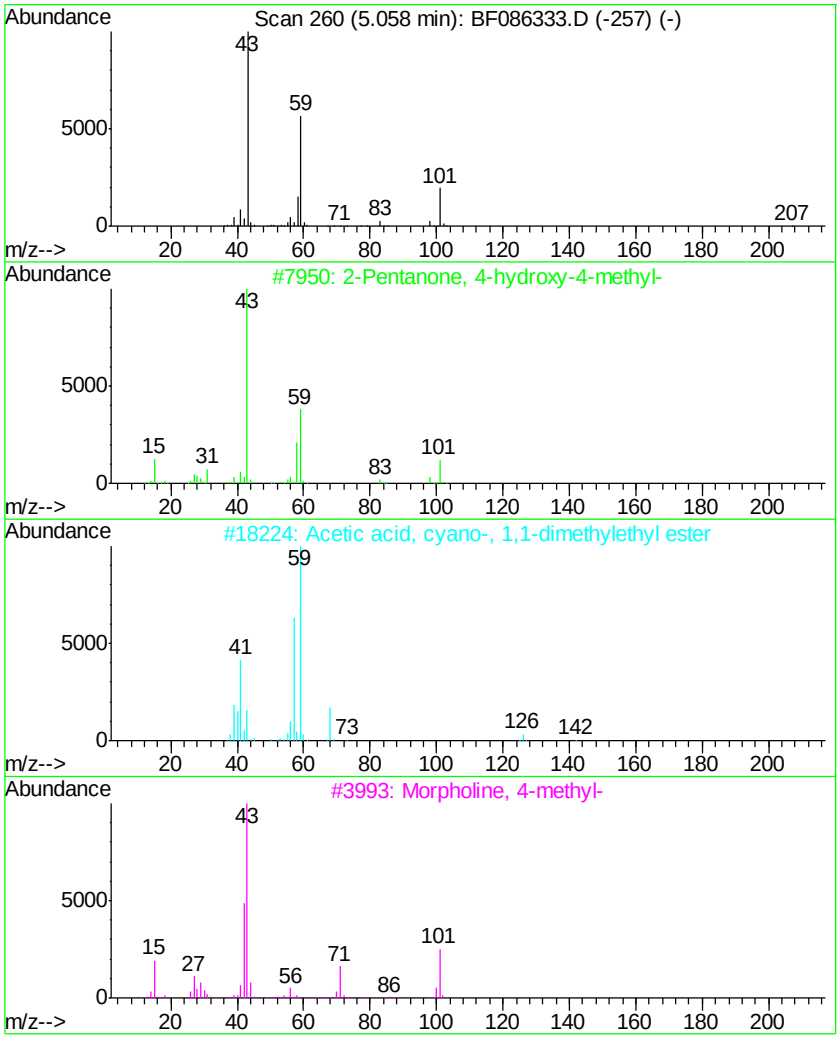
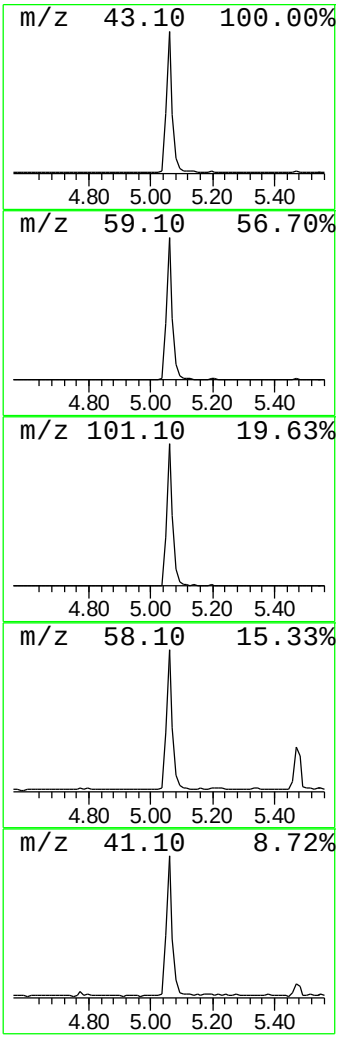
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	20.27 ng	1468480	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF086333.D
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Operator : UM/SJ
Sample : H2620-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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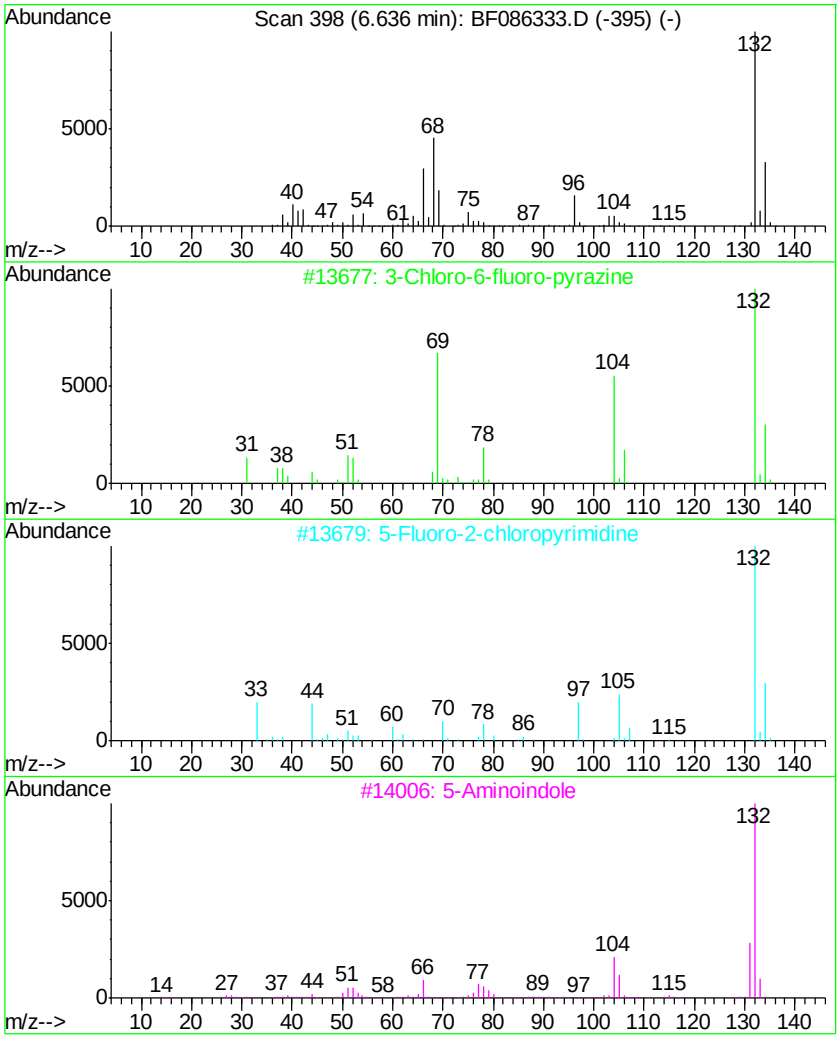
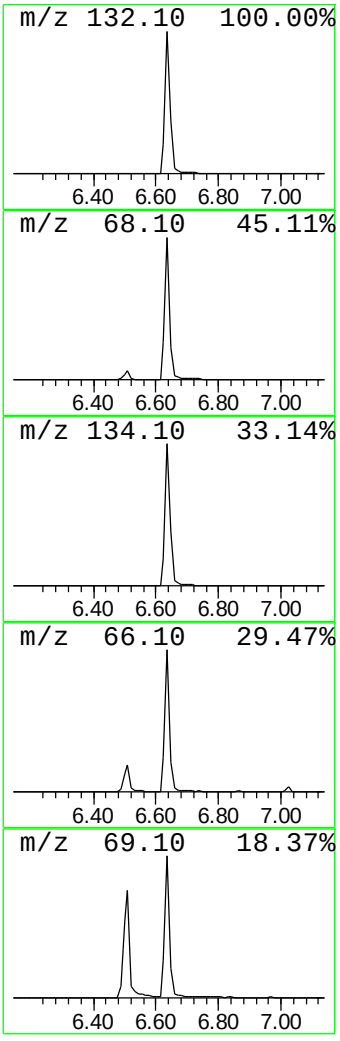
Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	66.45 ng	4813730	1,4-Dichlorobenzene-d4	6.86

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Operator : UM/SJ
Sample : H2620-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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TIC Library : C:\DATABASE\NIST02.L
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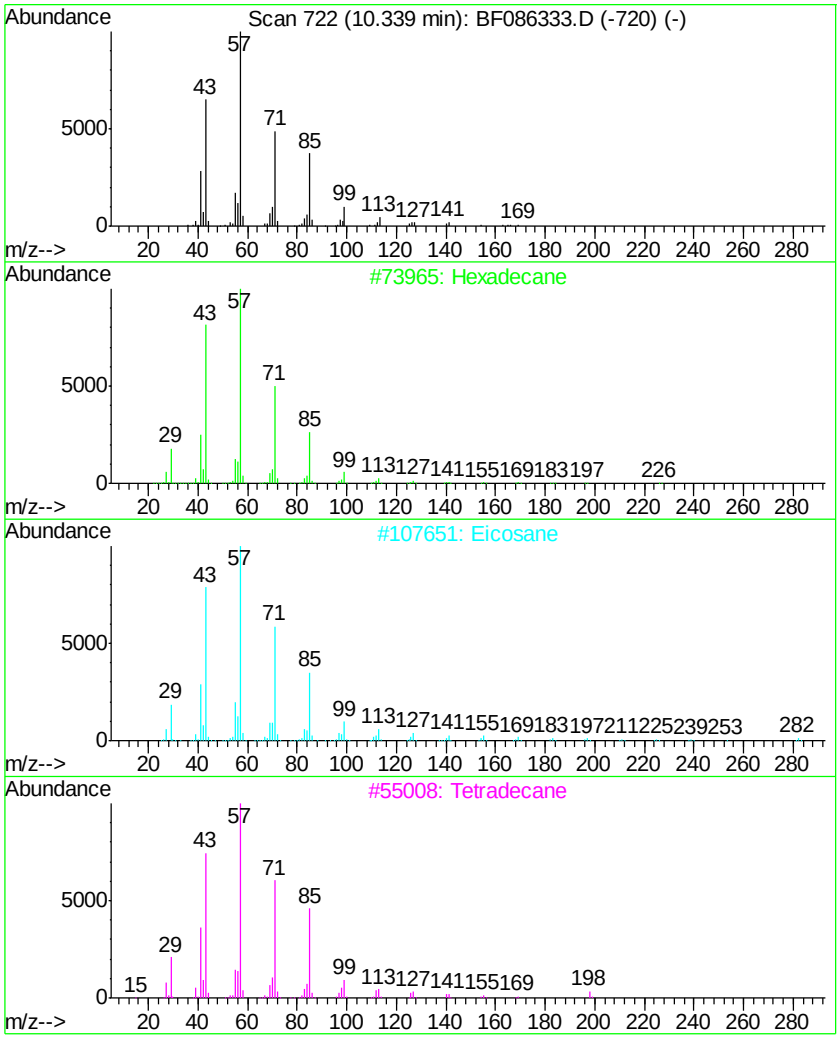
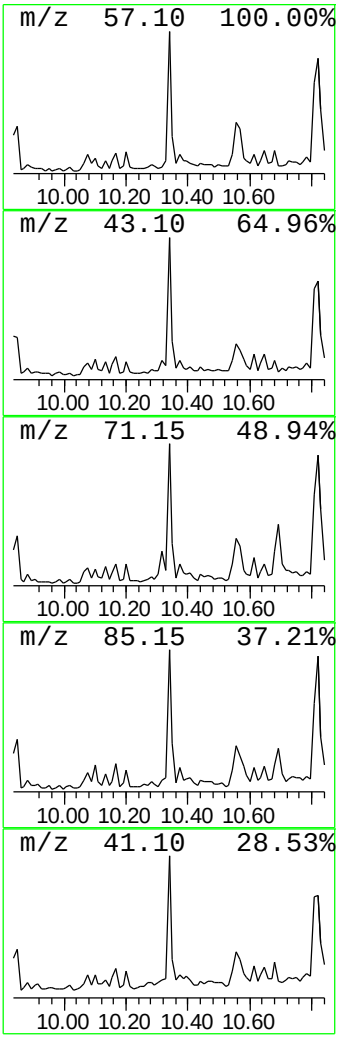
Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.17 ng	182259	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Pentadecane	212	C15H32	000629-62-9	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





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Misc :
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Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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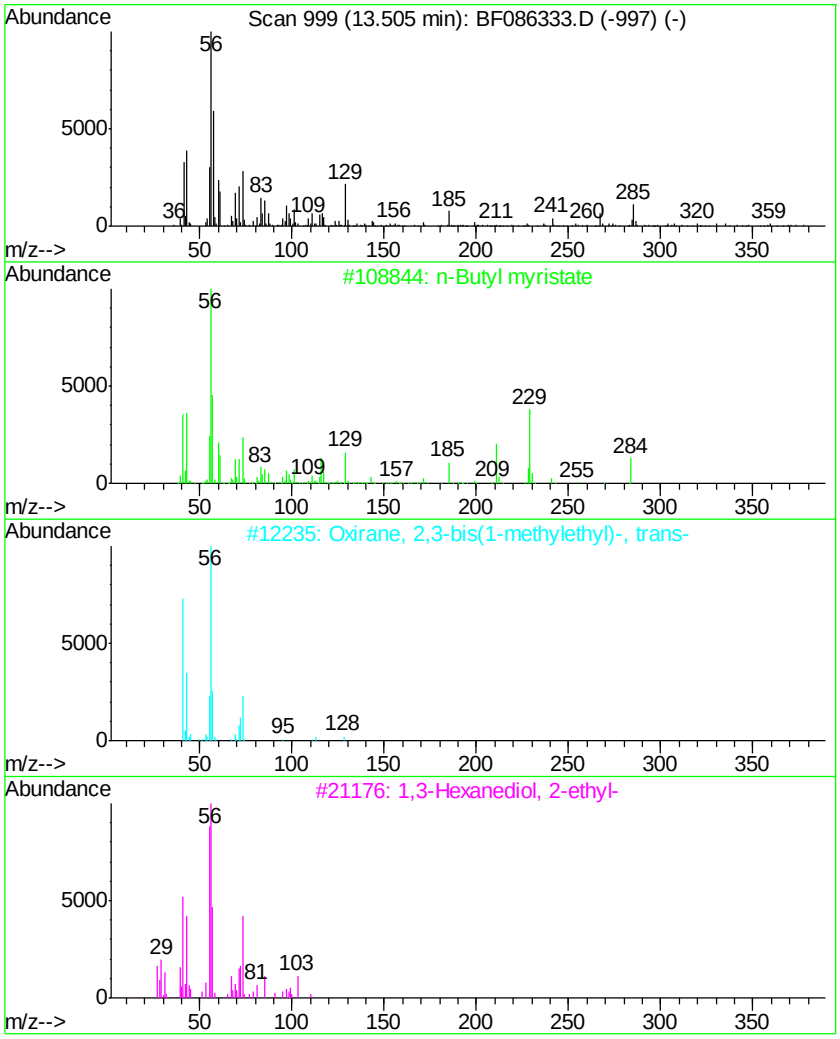
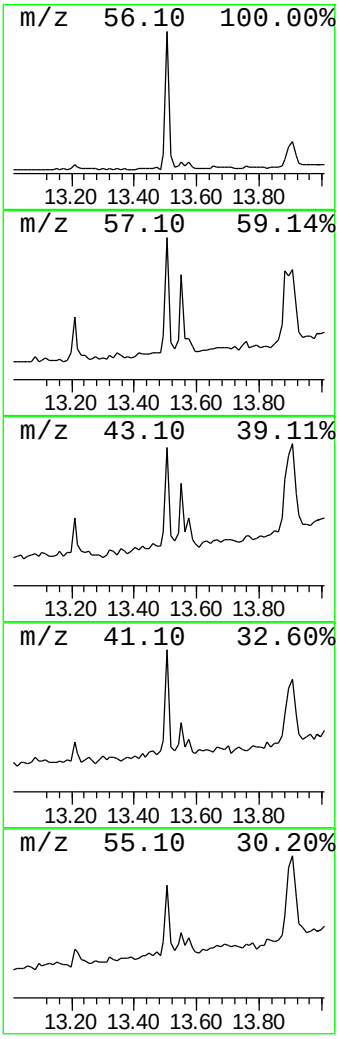
Peak Number 7 n-Butyl myristate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.55 ng	187098	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	64
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	43
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	40
5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38





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Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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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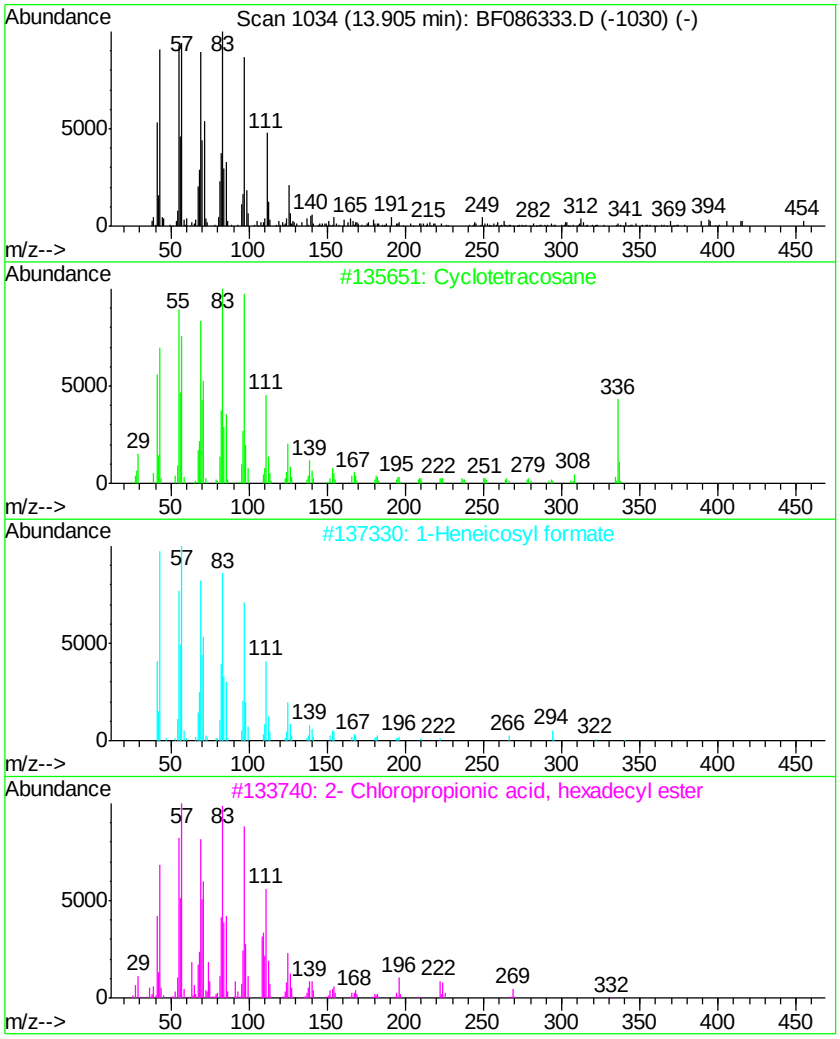
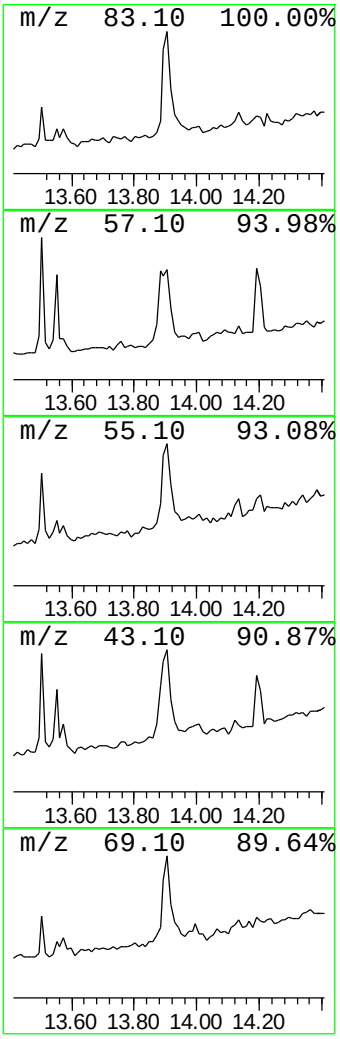
Peak Number 8 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.79 ng	351948	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
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Acq On : 21 Apr 2016 2:55
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Misc :
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Instrument : BNA_F
ClientSampleId : EUT01-TU-B2(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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
Propane, 1,1-dime...	2.14	12.5	ng	903766	1	6.86	1448870	20.0
2-Pentanone, 4-hy...	5.06	20.3	ng	1468480	1	6.86	1448870	20.0
unknown6.64	6.64	66.5	ng	4813730	1	6.86	1448870	20.0
Hexadecane	10.34	2.2	ng	182259	3	9.90	1682540	20.0
n-Butyl myristate	13.51	2.5	ng	187098	5	14.03	1468100	20.0
Cyclotetracosane	13.91	4.8	ng	351948	5	14.03	1468100	20.0