LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080785.D
Acq On : 1 Aug 2015 17:28
Operator : TP/UM
Sample : G3127-17
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-AC-4(0-2)

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-BF073015.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	2.155	4	6	9	rBV	30423	48767	1.60%	0.180%
2	2.213	9	11	15	rVV	14536	34909	1.14%	0.129%
3	4.396	200	202	207	rVB	97745	119661	3.91%	0.442%
4	5.047	255	259	262	rBV	1898769	2449932	80.15%	9.055%
5	5.459	292	295	297	rBV	2706442	3056620	100.00%	11.297%
6	5.859	328	330	333	rVB	107990	101248	3.31%	0.374%
7	6.476	381	384	386	rBV	2769599	2677615	87.60%	9.896%
8	6.613	394	396	399	rBV	2461152	2698799	88.29%	9.975%
9	6.853	415	417	419	rVB	811386	737338	24.12%	2.725%
10	7.002	428	430	433	rBV	1622600	2059789	67.39%	7.613%
11	7.413	463	466	468	rBV	2012190	2026646	66.30%	7.490%
12	8.133	526	529	531	rBV	1006451	885363	28.97%	3.272%
13	9.208	620	623	626	rBV	3109286	2783769	91.07%	10.289%
14	9.608	655	658	660	rBV	469381	573770	18.77%	2.121%
15	9.882	680	682	685	rBV	949064	871792	28.52%	3.222%
16	10.316	719	720	722	rVB	35044	39671	1.30%	0.147%
17	10.671	748	751	753	rBV	1486816	1635355	53.50%	6.044%
18	10.796	757	762	765	rBV2	65196	102993	3.37%	0.381%
19	11.242	799	801	802	rBV	72295	62885	2.06%	0.232%
20	11.368	809	812	814	rBV	599701	766850	25.09%	2.834%
21	11.665	836	838	840	rBV	58965	49222	1.61%	0.182%
22	11.859	853	855	856	rBV	41254	35852	1.17%	0.133%
23	11.894	856	858	863	rVB	176576	184001	6.02%	0.680%
24	12.945	948	950	953	rBV	2113698	1833058	59.97%	6.775%
25	13.985	1039	1041	1044	rBV	491219	568255	18.59%	2.100%
26	14.168	1055	1057	1065	rVB4	16664	39817	1.30%	0.147%
27	15.402	1163	1165	1168	rBV	397218	568252	18.59%	2.100%
28	15.871	1202	1206	1209	rBV	20744	44420	1.45%	0.164%

Sum of corrected areas: 27056649

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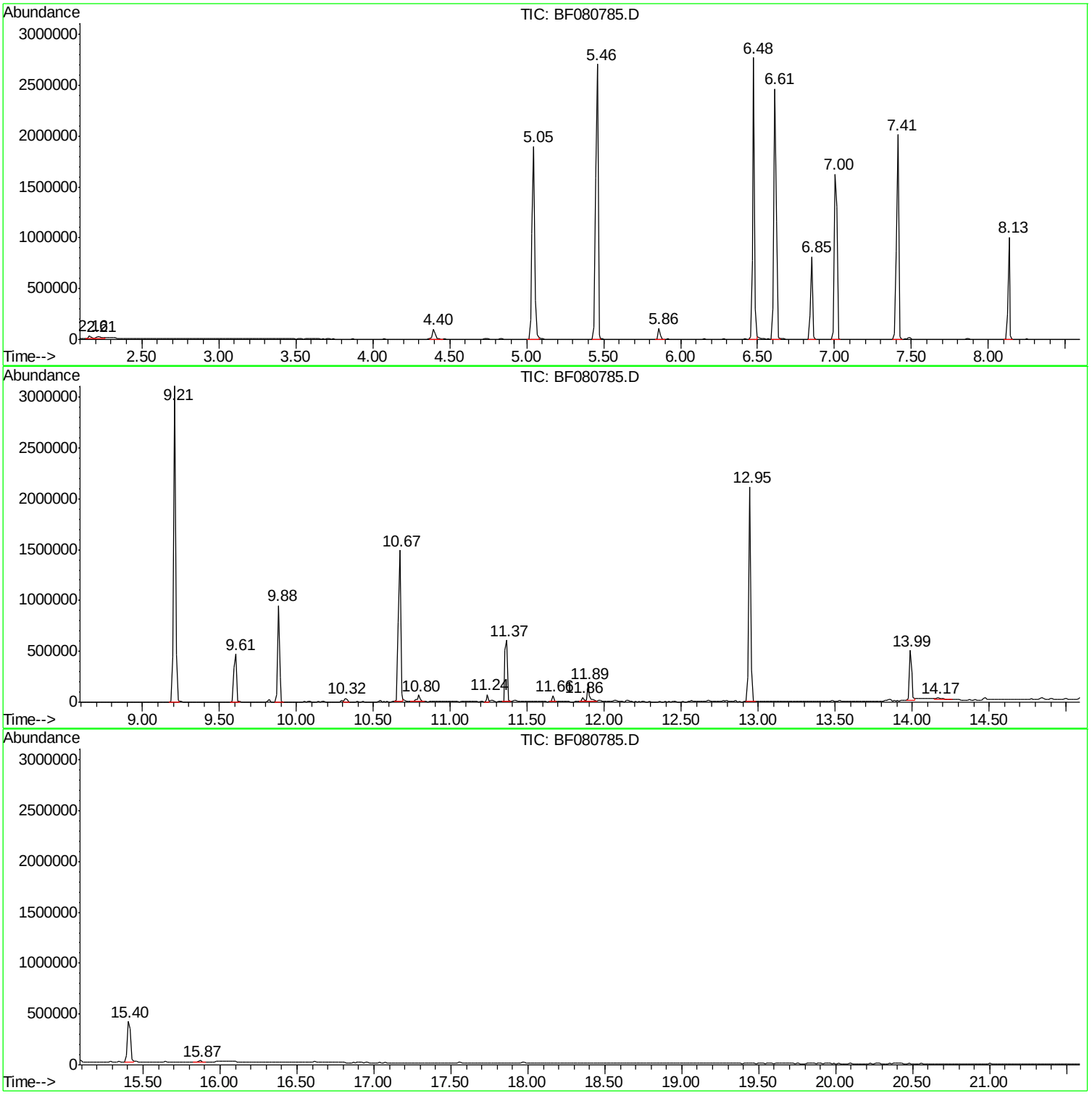
BNA_F
ClientSampleId :
RAMP-AC-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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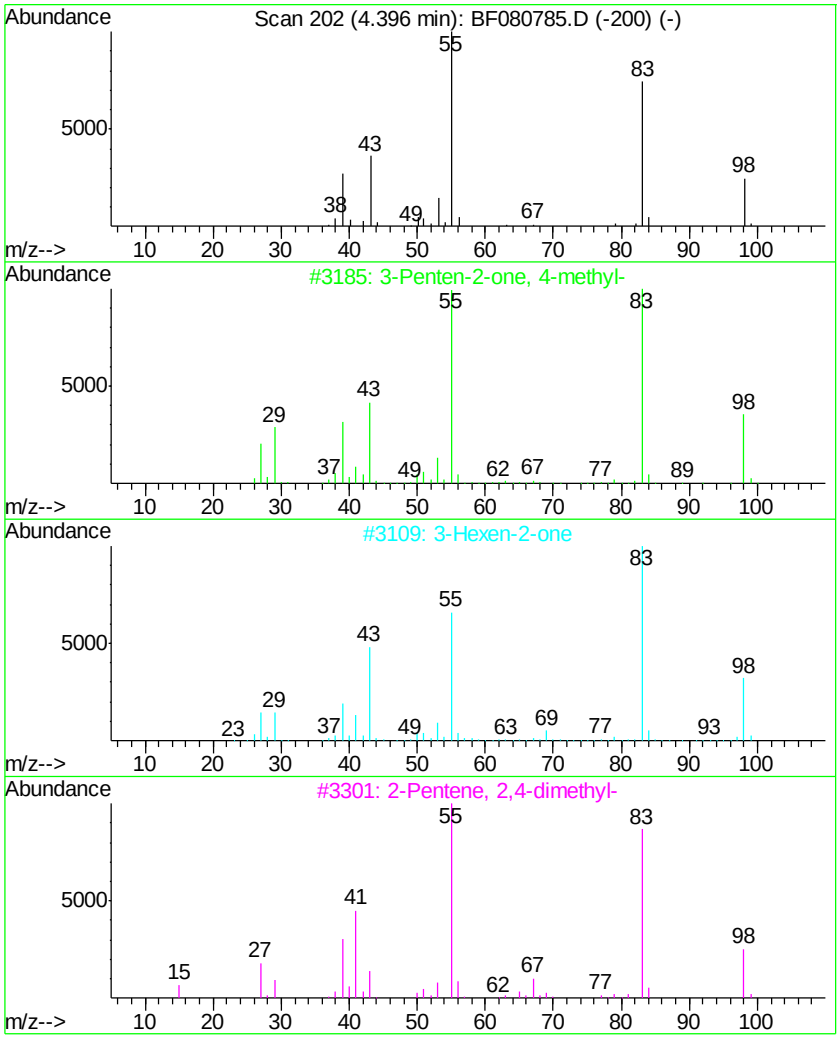
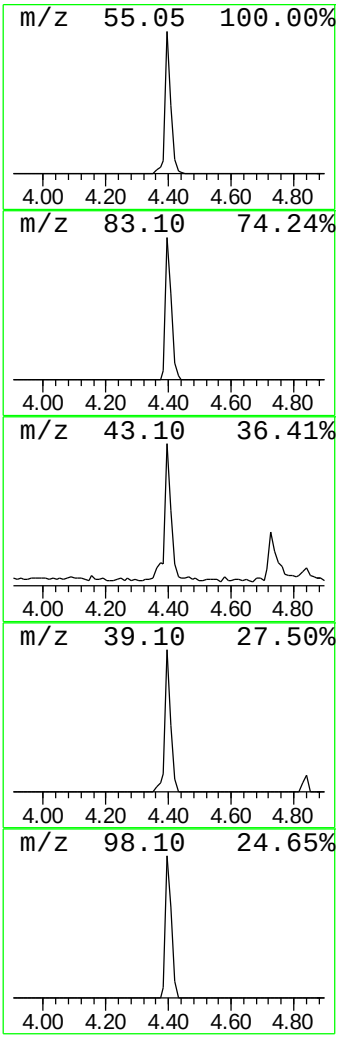
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	3.25 ng	119661	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80





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Misc :
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Instrument : BNA_F
ClientSampleId : RAMP-AC-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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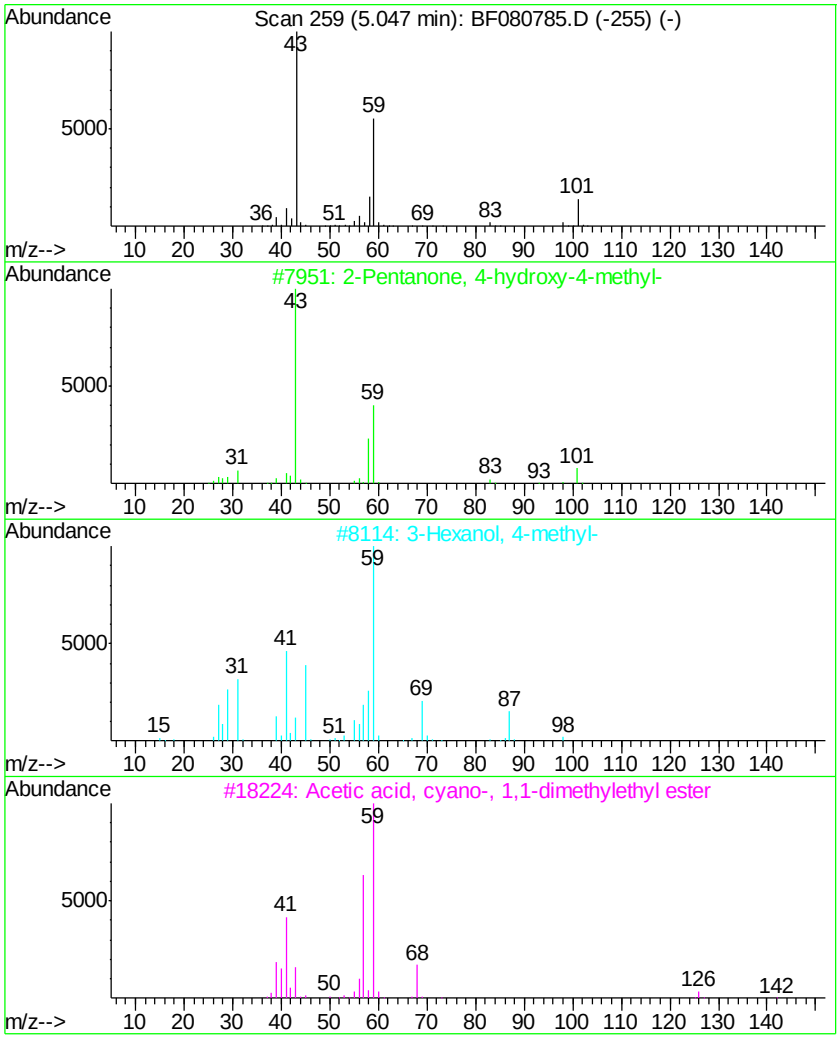
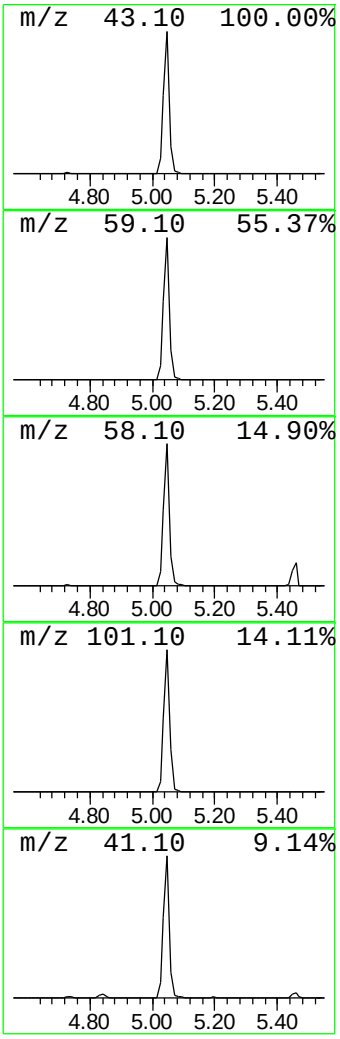
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	66.45 ng	2449930	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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Sample : G3127-17
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-AC-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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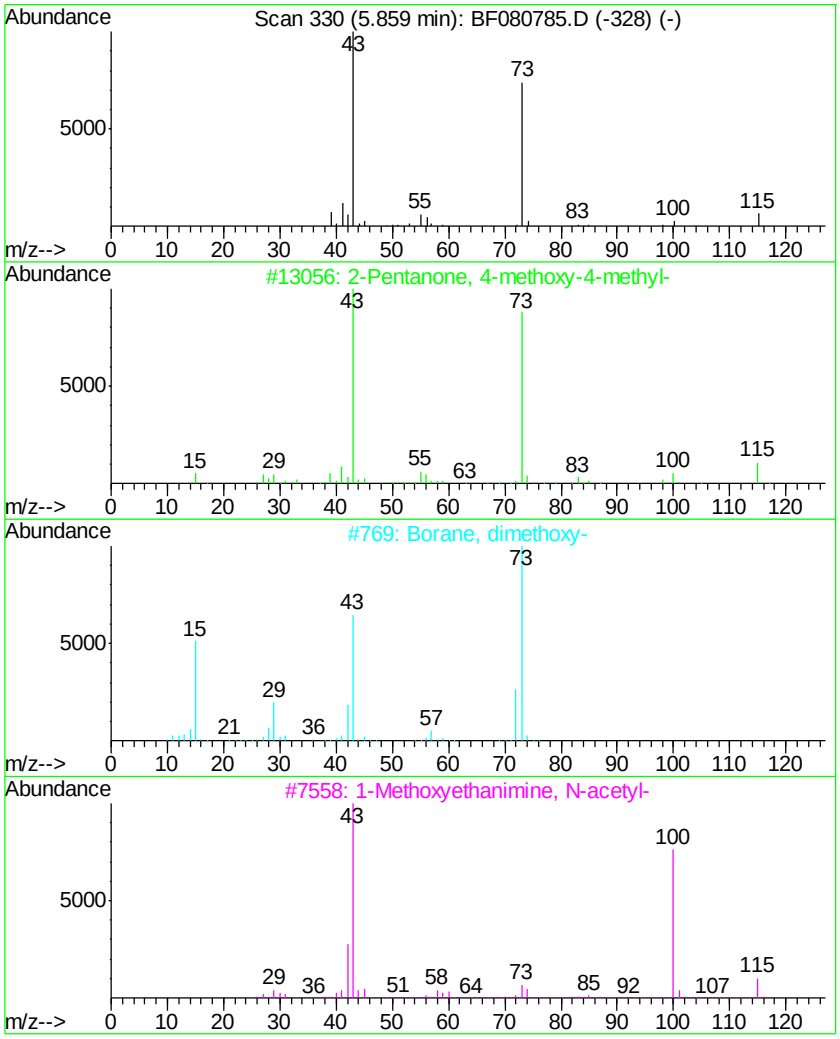
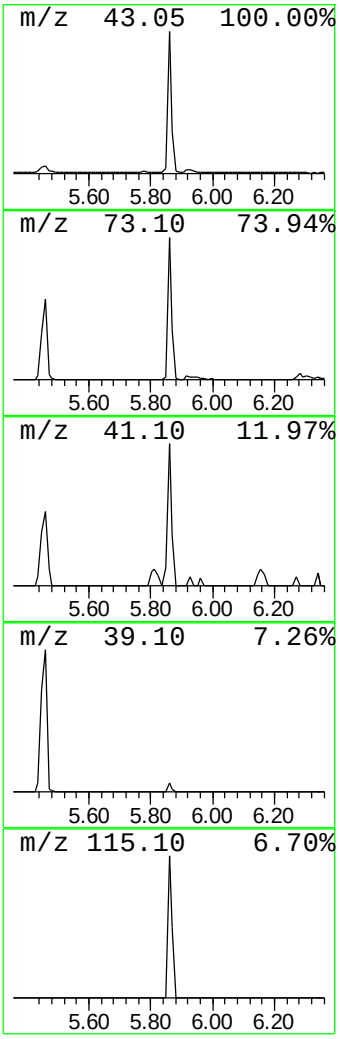
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.75 ng	101248	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Heptane	100	C7H16	000142-82-5	9





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Instrument : BNA_F
ClientSampleId : RAMP-AC-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
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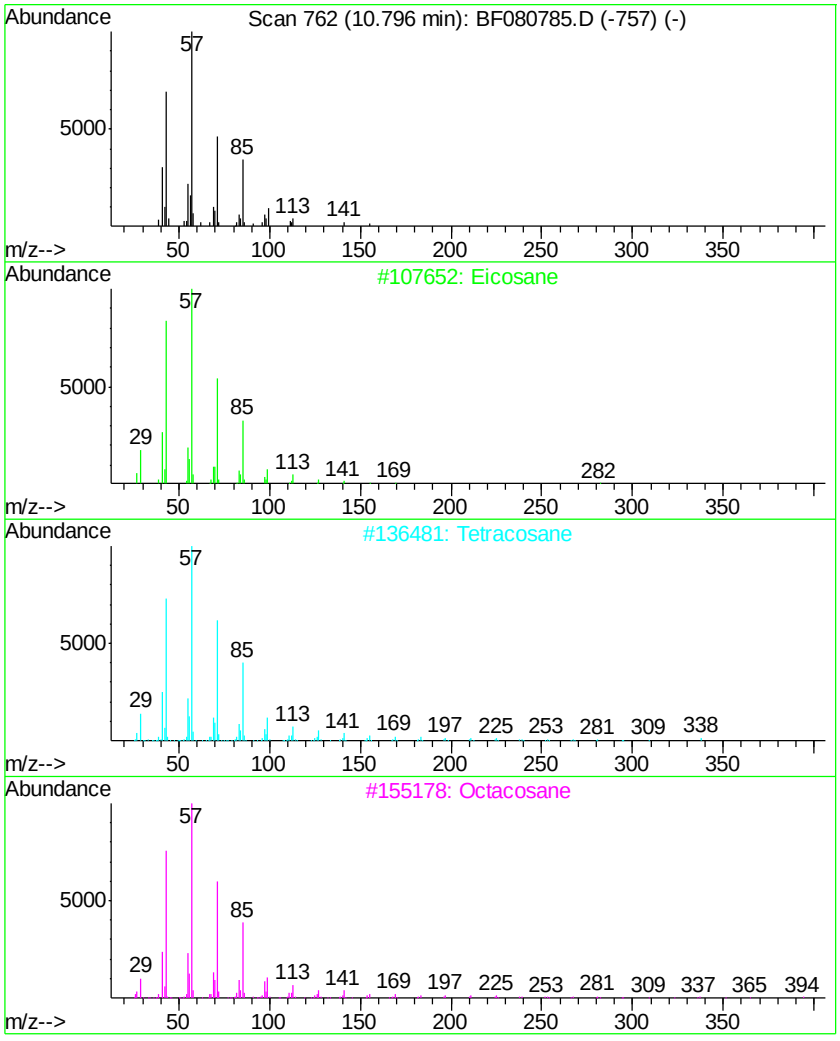
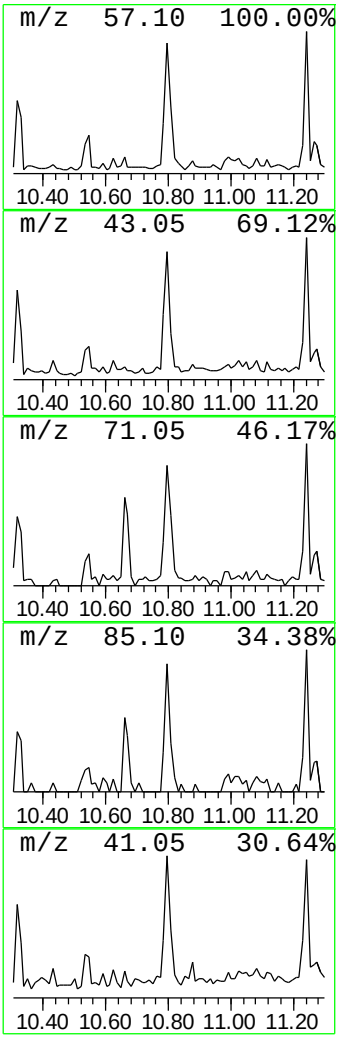
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.69 ng	102993	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Acq On : 1 Aug 2015 17:28
Operator : TP/UM
Sample : G3127-17
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-AC-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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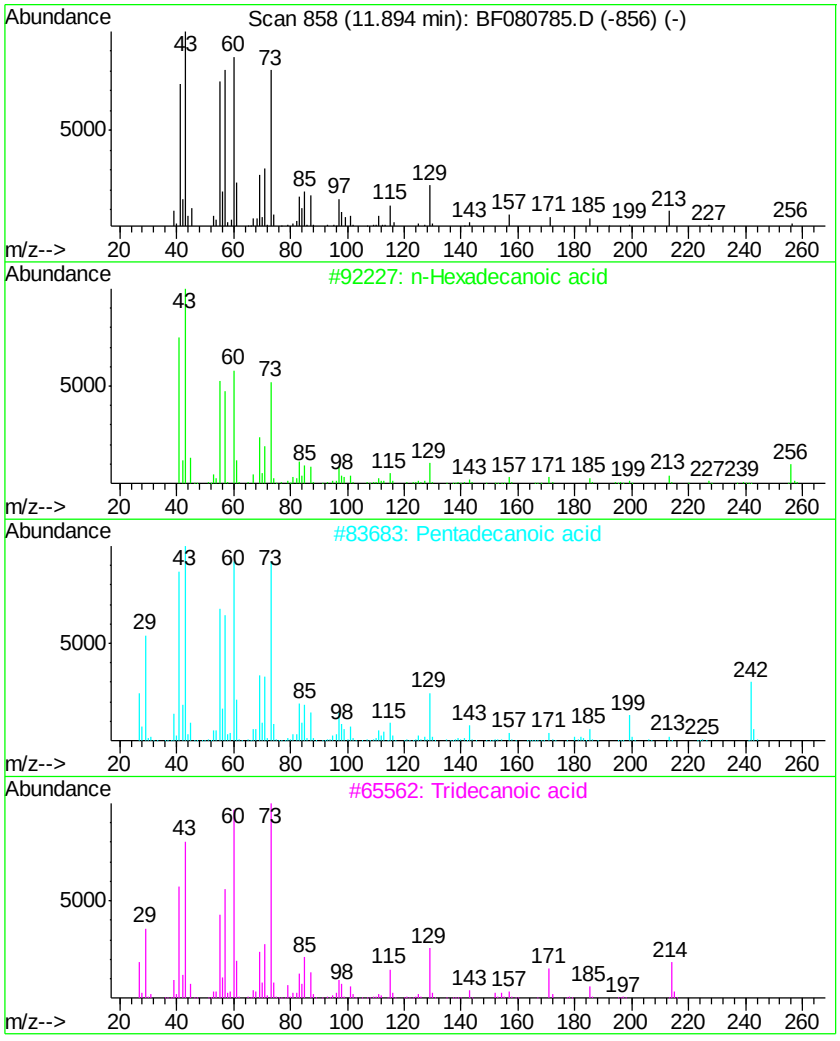
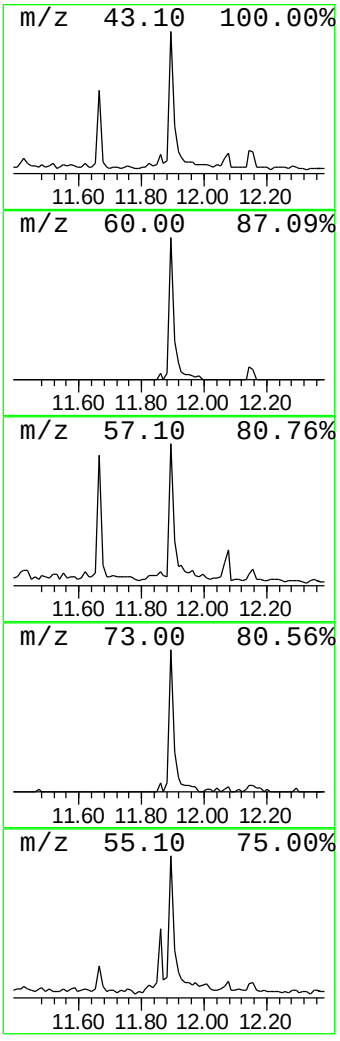
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.80 ng	184001	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





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
3-Penten-2-one, 4...	4.40	3.3	ng	119661	1	6.85	737338	20.0
2-Pentanone, 4-hy...	5.05	66.5	ng	2449930	1	6.85	737338	20.0
2-Pentanone, 4-me...	5.86	2.8	ng	101248	1	6.85	737338	20.0
Eicosane	10.80	2.7	ng	102993	4	11.37	766850	20.0
n-Hexadecanoic acid	11.89	4.8	ng	184001	4	11.37	766850	20.0