LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

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-BF072016.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	1.701	8	10	56	rVB	1183438	2624391	100.00%	18.715%
2	4.684	269	271	282	rBV	36617	67024	2.55%	0.478%
3	5.142	309	311	331	rBV	969409	1193005	45.46%	8.507%
4	6.216	403	405	413	rBV	786751	1206638	45.98%	8.605%
5	6.330	413	415	429	rVB	1310662	1348182	51.37%	9.614%
6	6.559	433	435	446	rVB	229870	288897	11.01%	2.060%
7	6.719	446	449	451	rBV	981429	989667	37.71%	7.057%
8	7.130	483	485	495	rBV	572179	742448	28.29%	5.294%
9	7.850	545	548	550	rBV	298819	352900	13.45%	2.517%
10	8.285	584	586	590	rBV	30020	49668	1.89%	0.354%
11	8.891	635	639	640	rBV	41846	59338	2.26%	0.423%
12	8.925	640	642	648	rVV	1336840	1316456	50.16%	9.388%
13	9.028	648	651	652	rVV2	19176	34398	1.31%	0.245%
14	9.188	662	665	668	rBV2	19392	38892	1.48%	0.277%
15	9.256	668	671	672	rBV	29294	30691	1.17%	0.219%
16	9.325	675	677	680	rVV	396792	388325	14.80%	2.769%
17	9.588	698	700	703	rBV	403767	415403	15.83%	2.962%
18	9.805	715	719	720	rBV3	22608	42157	1.61%	0.301%
19	9.988	734	735	739	rBV4	15714	33464	1.28%	0.239%
20	10.262	757	759	761	rBV	61494	66045	2.52%	0.471%
21	10.376	767	769	772	rBV	754175	755762	28.80%	5.389%
22	10.525	778	782	784	rVV3	81213	134661	5.13%	0.960%
23	10.982	821	822	825	rVB	48578	57779	2.20%	0.412%
24	11.062	827	829	833	rBV	389381	371762	14.17%	2.651%
25	12.639	965	967	970	rBV	703082	894728	34.09%	6.380%
26	13.554	1045	1047	1053	rBV	22222	32916	1.25%	0.235%
27	13.680	1056	1058	1066	rBV	256908	257036	9.79%	1.833%
28	15.017	1173	1175	1182	rBV	190389	230485	8.78%	1.644%

Sum of corrected areas: 14023118

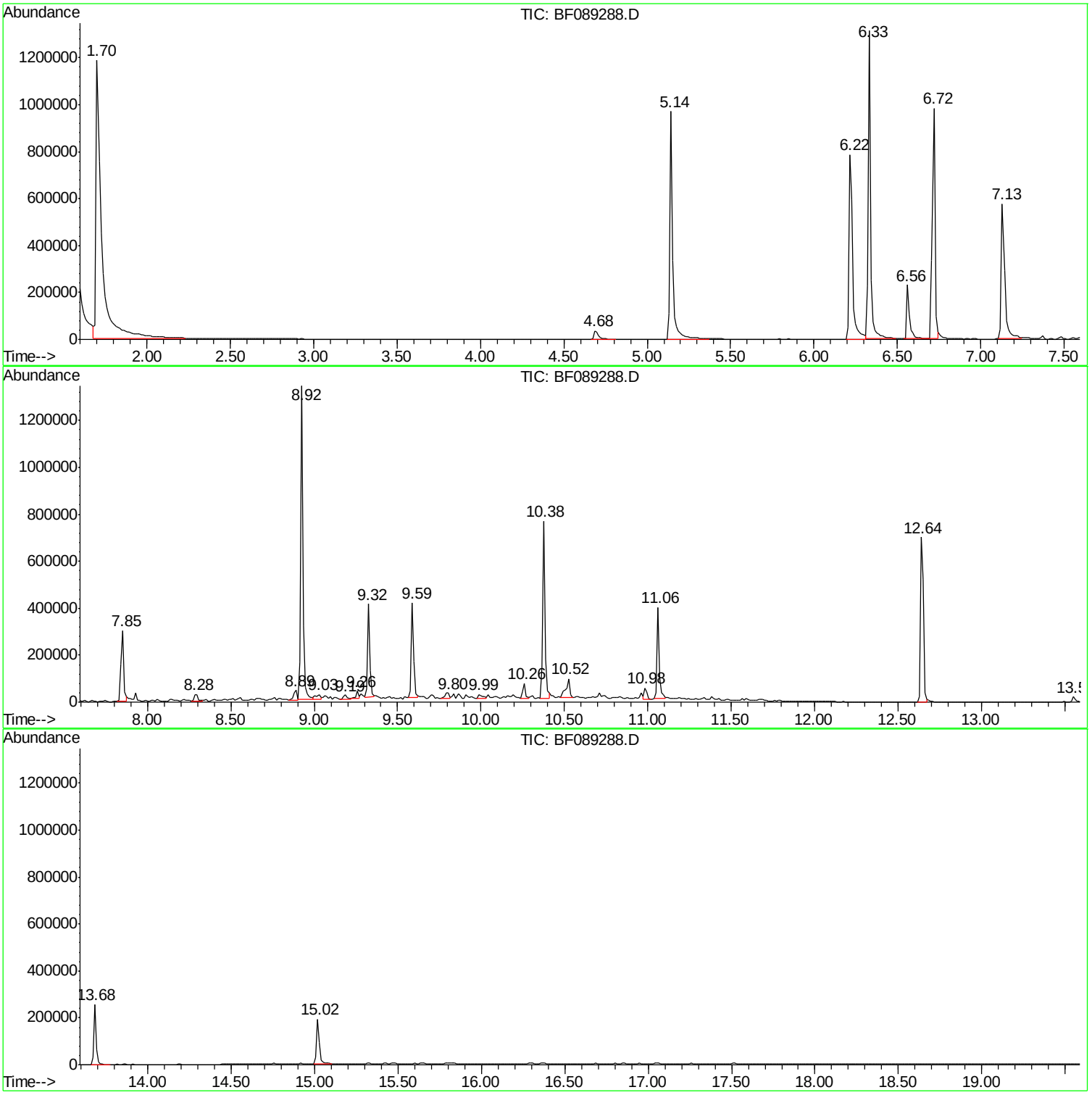
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

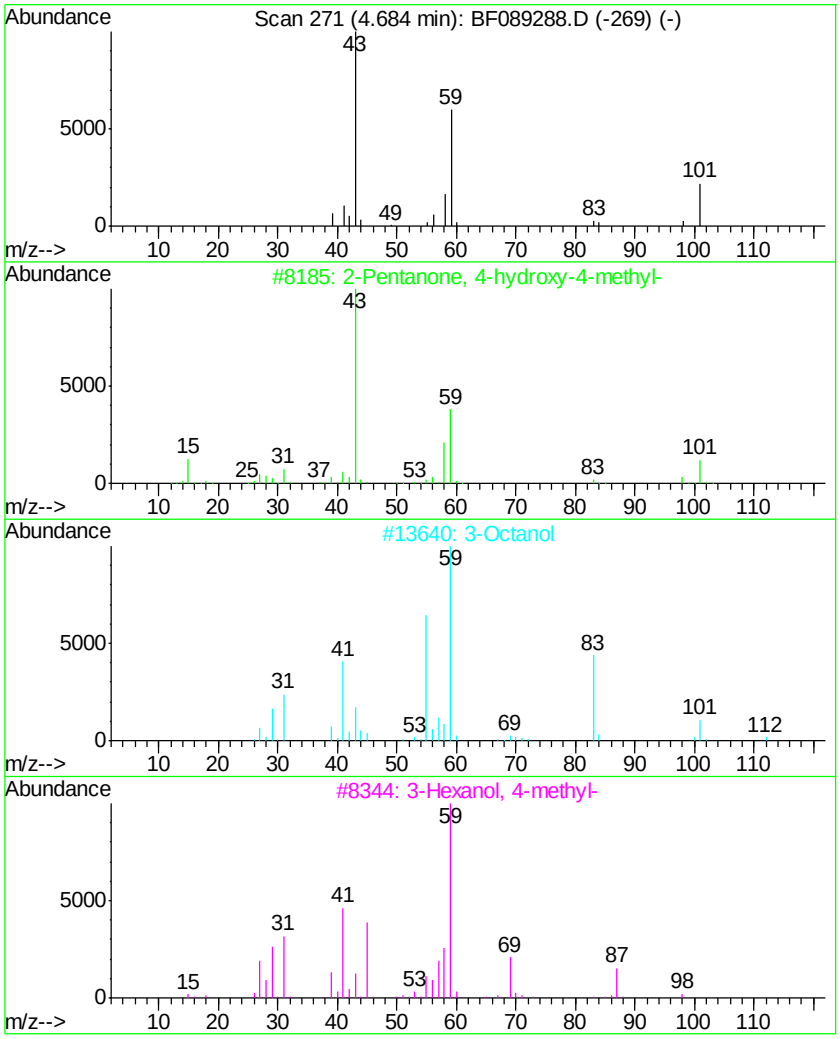
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

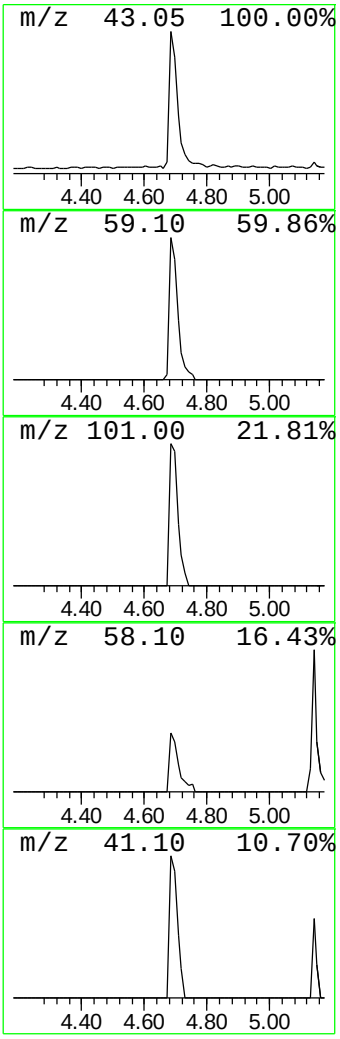
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	4.64 ng	67024	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Octanol	130	C8H18O	000589-98-0	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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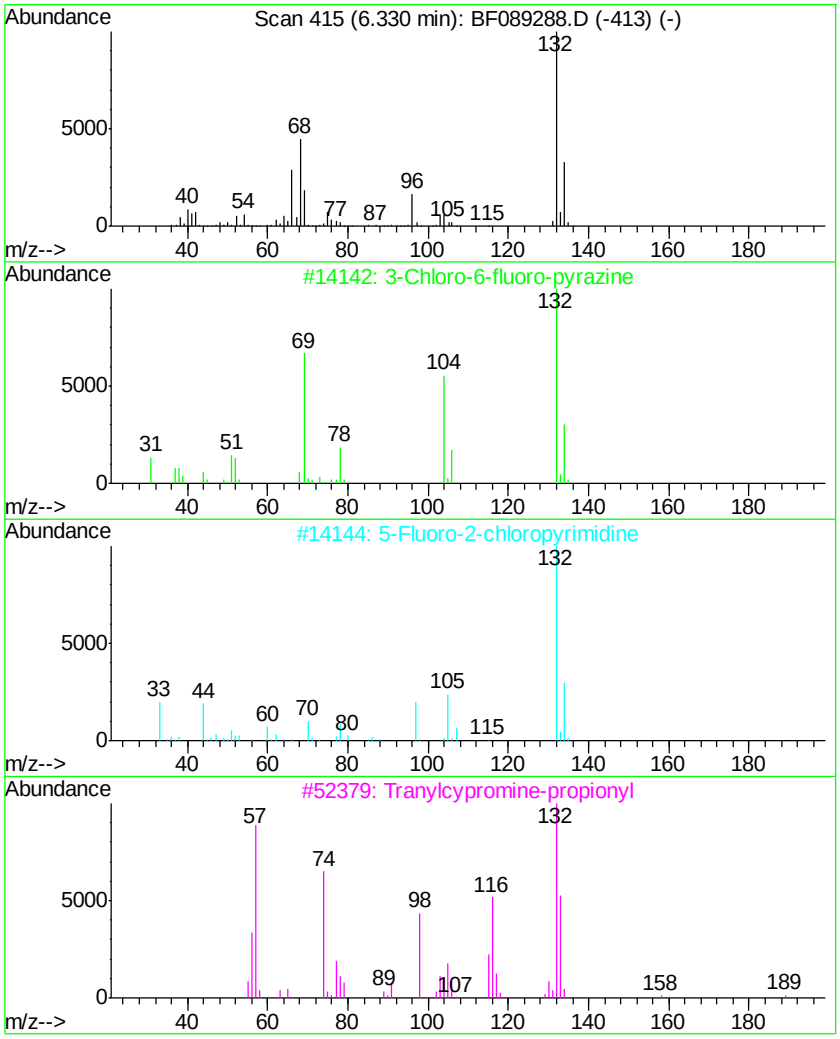
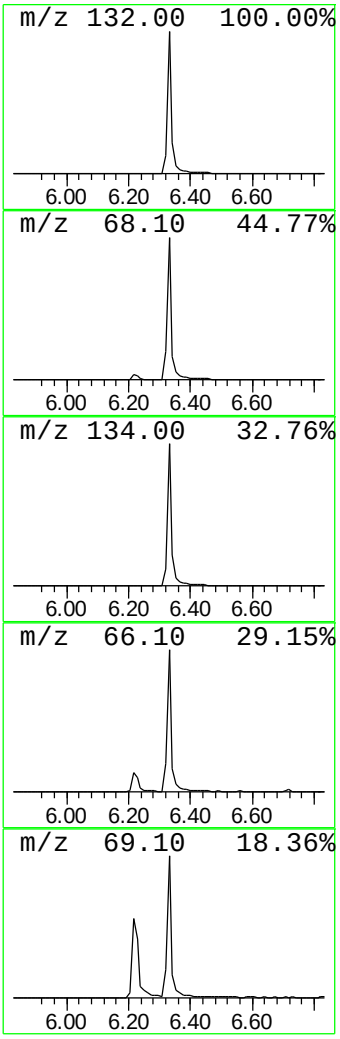
Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	93.33 ng	1348180	1,4-Dichlorobenzene-d4	6.56

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

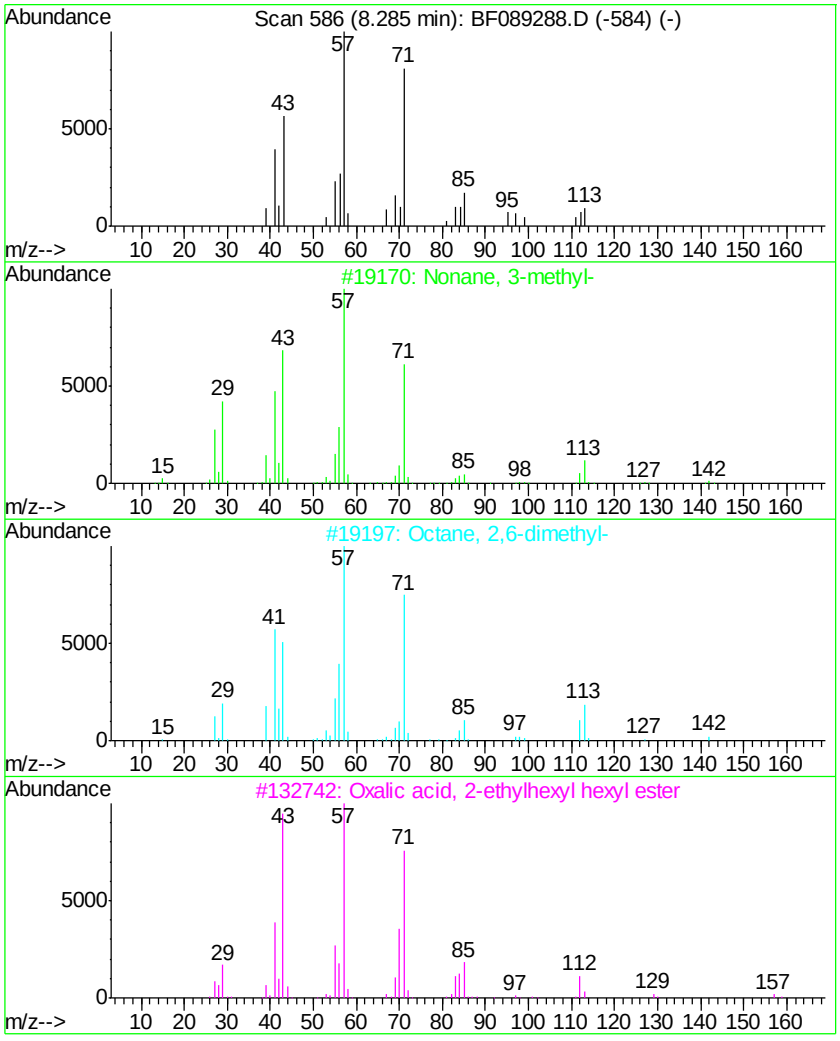
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

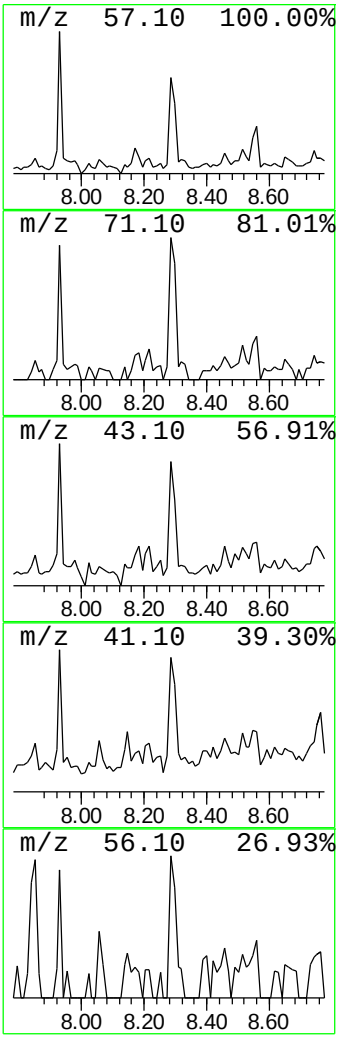
****

Peak Number 5 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	2.81 ng	49668	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

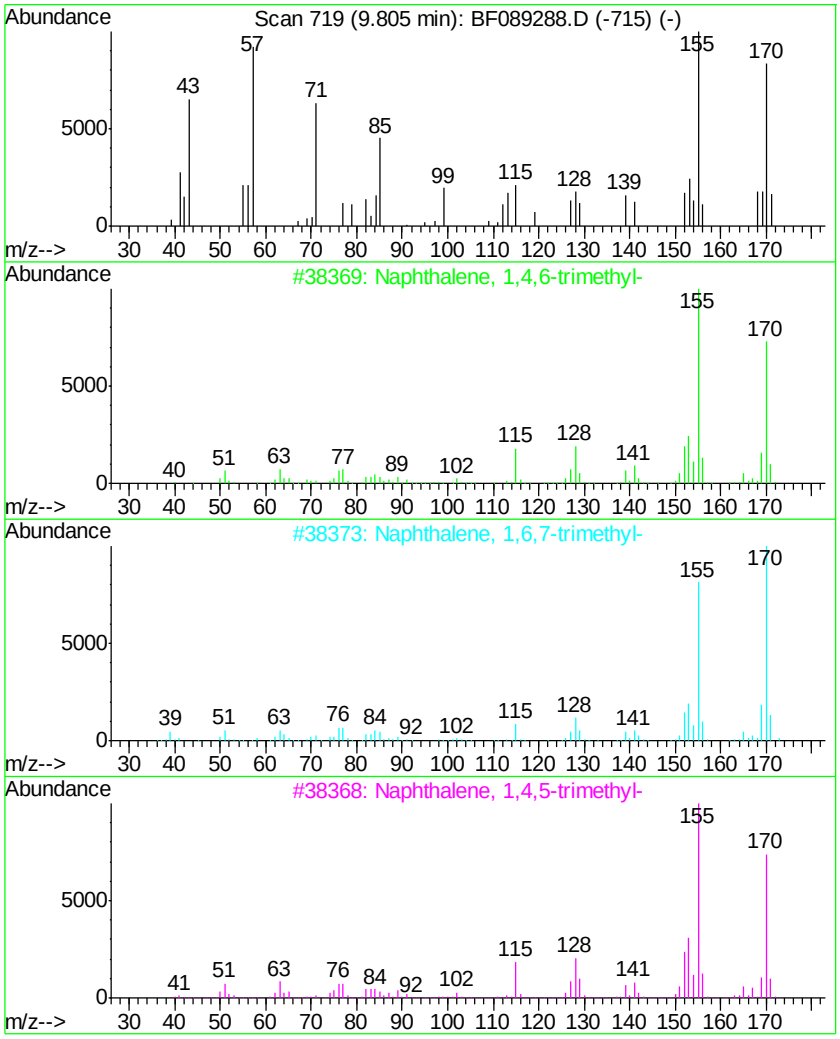
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

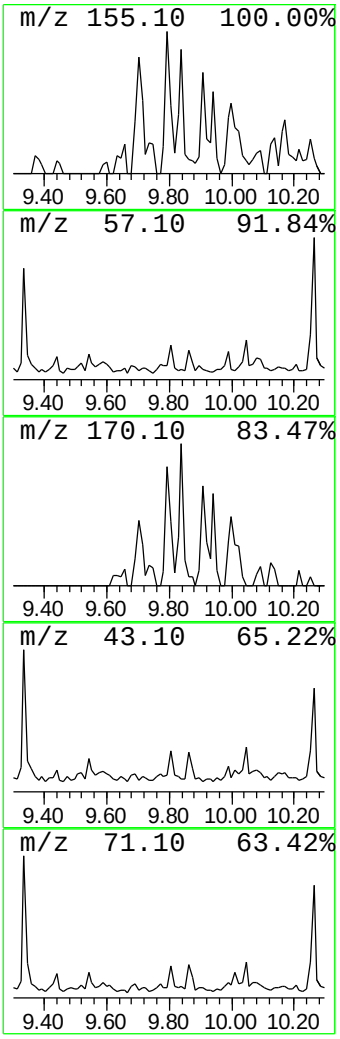
****

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.03 ng	42157	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

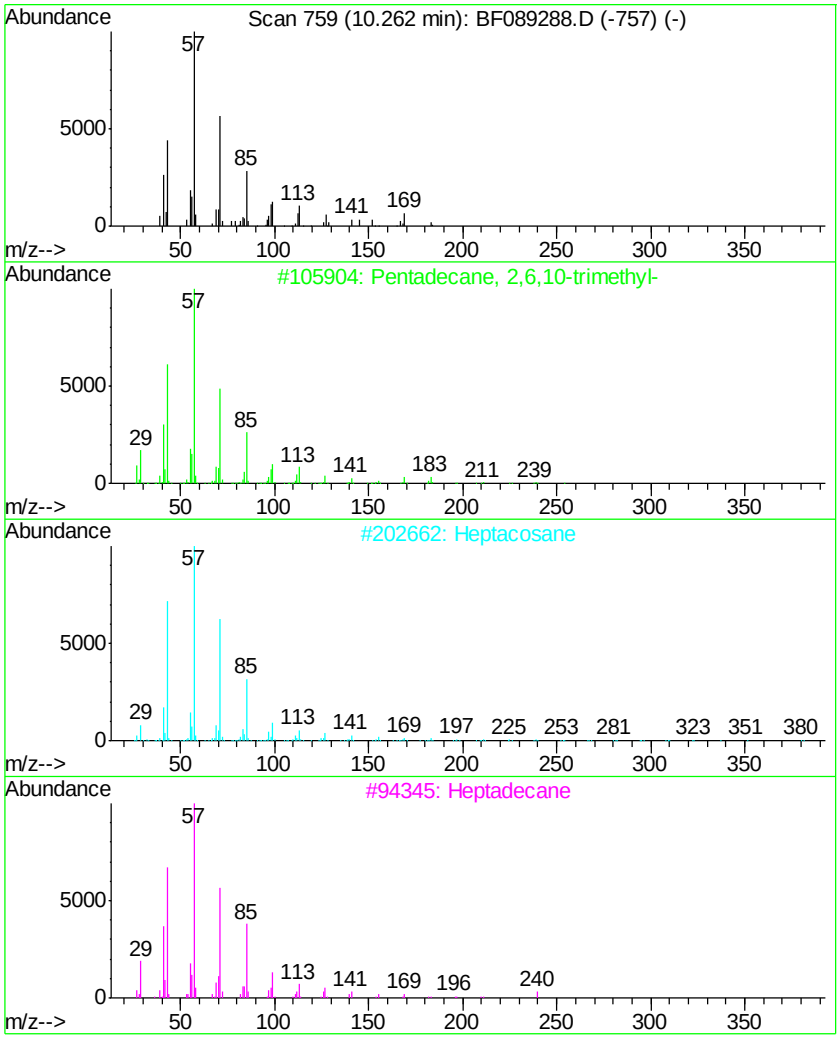
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

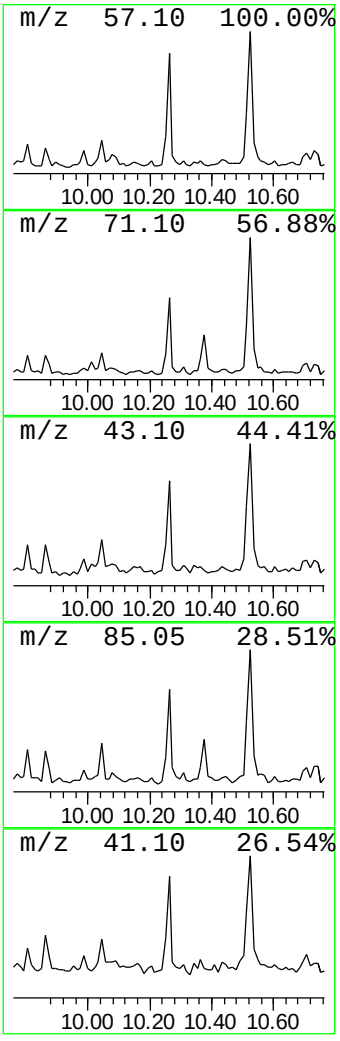
****

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.18 ng	66045	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Octadecane	254	C18H38	000593-45-3	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

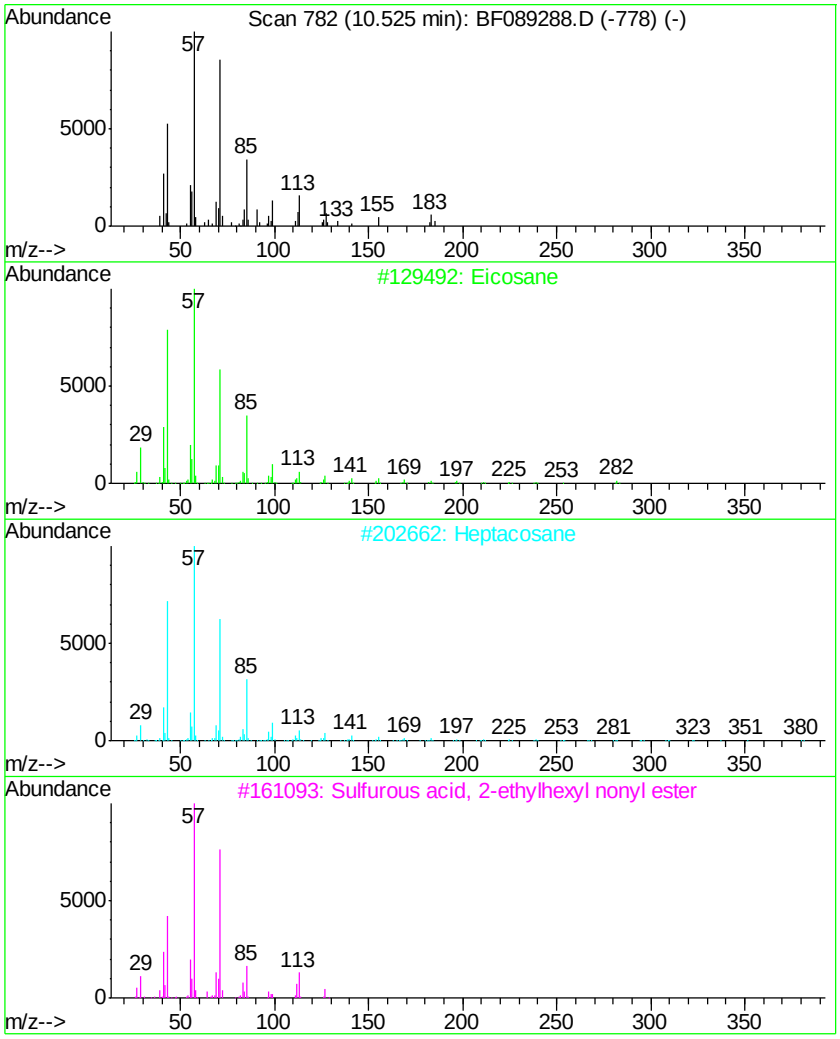
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

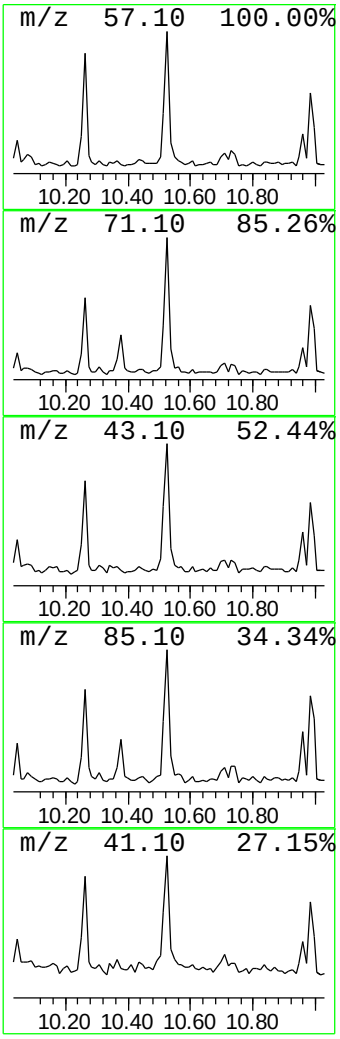
****

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	7.24 ng	134661	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Heptacosane	380	C27H56	000593-49-7	78
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	74
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72





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Sample : H4207-03
Misc :
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Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

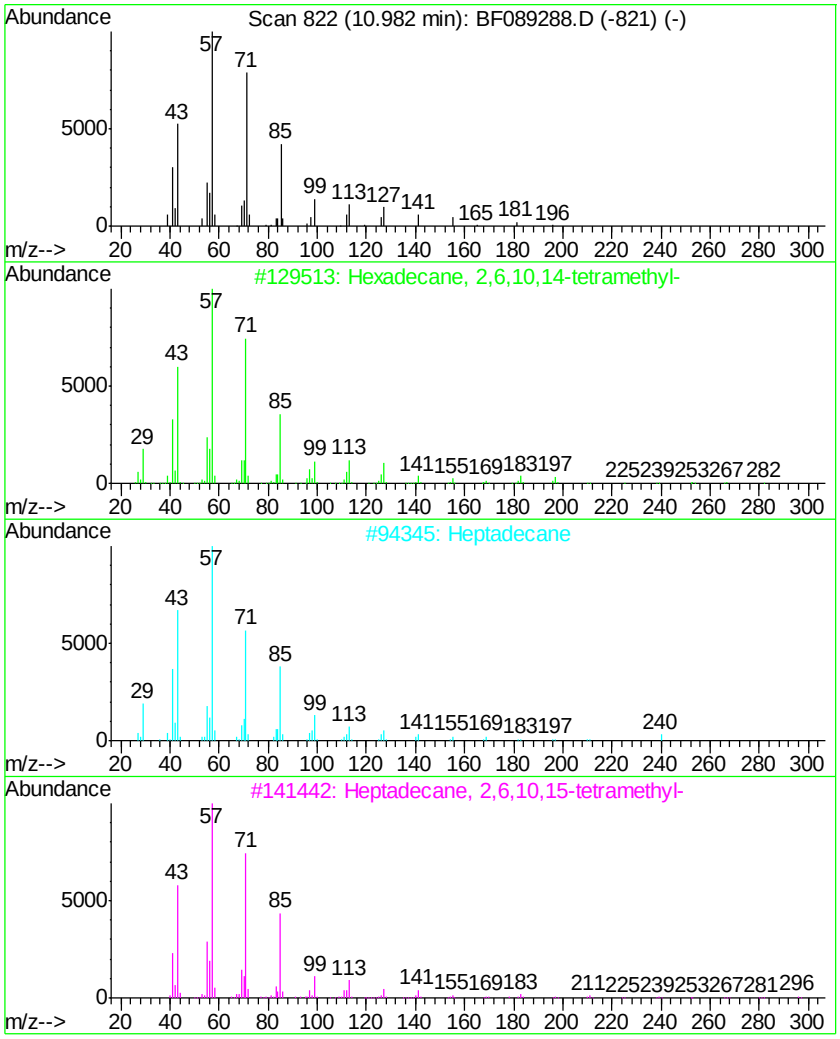
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

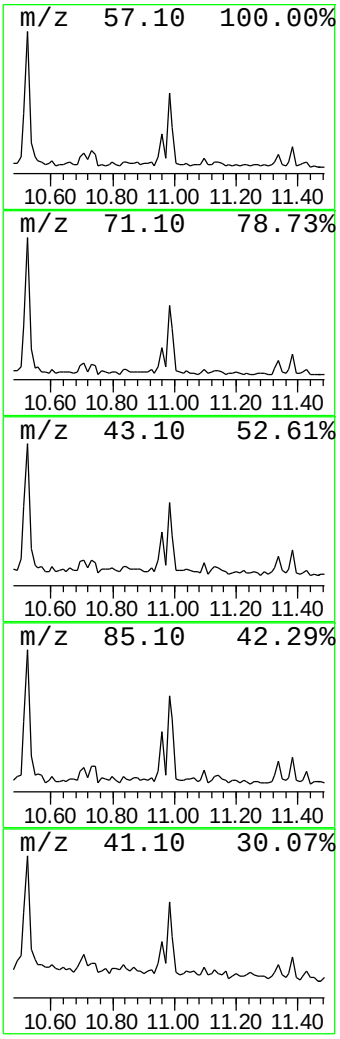
****

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.11 ng	57779	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

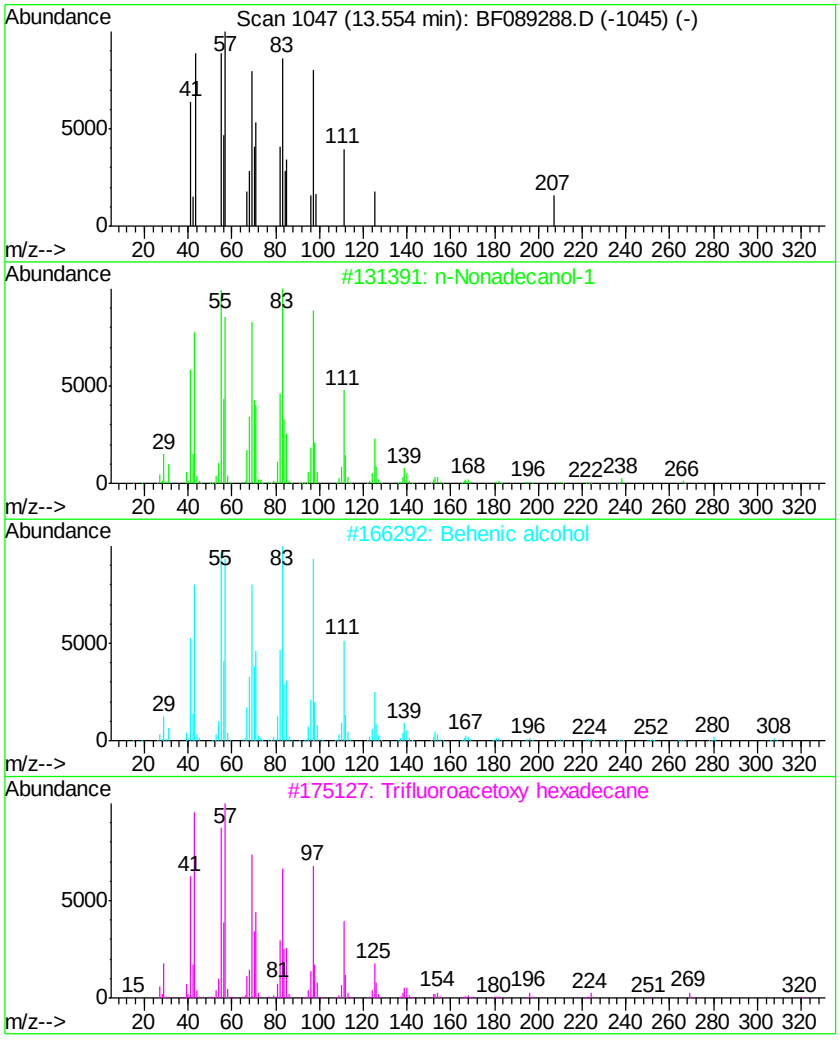
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

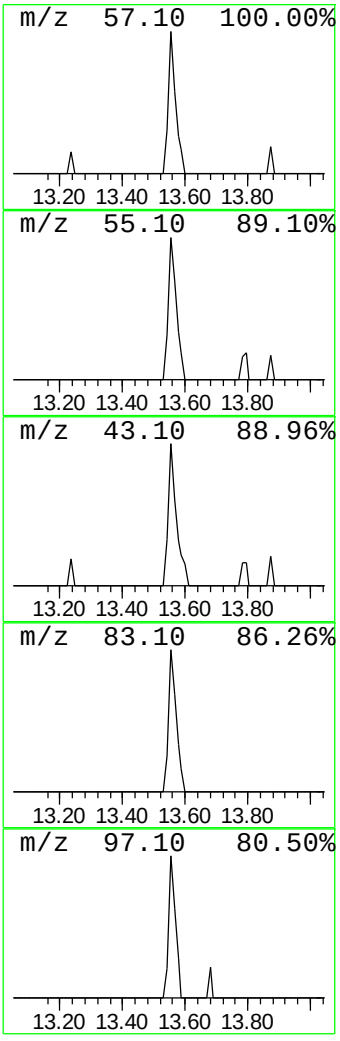
****

Peak Number 10 n-Nonadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.56 ng	32916	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089288.D
Acq On : 25 Jul 2016 20:43
Operator : UM/SJ
Sample : H4207-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	4.6	ng	67024	1	6.56	288897	20.0
unknown6.33	6.33	93.3	ng	1348180	1	6.56	288897	20.0
Nonane, 3-methyl-	8.28	2.8	ng	49668	2	7.85	352900	20.0
Naphthalene, 1,4,...	9.80	2.0	ng	42157	3	9.59	415403	20.0
Pentadecane, 2,6,...	10.26	3.2	ng	66045	3	9.59	415403	20.0
Eicosane	10.53	7.2	ng	134661	4	11.06	371762	20.0
Hexadecane, 2,6,1...	10.98	3.1	ng	57779	4	11.06	371762	20.0
n-Nonadecanol-1	13.55	2.6	ng	32916	5	13.68	257036	20.0