LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

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-BF092815.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	5.063	253	256	267	rVB	732325	1282734	41.05%	5.101%
2	5.474	290	292	295	rBV	1565850	2174435	69.58%	8.648%
3	6.515	380	383	385	rBV	2159818	2258055	72.26%	8.980%
4	6.652	392	395	397	rBV	2451255	2348587	75.15%	9.340%
5	6.892	413	416	425	rBV	293832	473560	15.15%	1.883%
6	7.040	427	429	432	rBV	2051703	1846911	59.10%	7.345%
7	7.452	463	465	480	rBV	1291966	1476470	47.25%	5.872%
8	8.172	526	528	537	rBV	660822	658455	21.07%	2.619%
9	9.258	620	623	625	rBV	2298200	2886466	92.37%	11.480%
10	9.646	655	657	660	rBV	504932	481803	15.42%	1.916%
11	9.932	680	682	685	rBV	842054	762109	24.39%	3.031%
12	10.721	749	751	754	rBV2	1461222	1762745	56.41%	7.010%
13	10.835	760	761	768	rVB	30539	47234	1.51%	0.188%
14	11.418	810	812	826	rBV	532781	807737	25.85%	3.212%
15	11.749	839	841	850	rVB	23569	54668	1.75%	0.217%
16	11.955	857	859	872	rBV2	96671	148671	4.76%	0.591%
17	12.549	909	911	919	rVB	71620	120935	3.87%	0.481%
18	12.744	926	928	934	rBV3	24109	35565	1.14%	0.141%
19	12.835	934	936	939	rBV	90270	86318	2.76%	0.343%
20	13.018	949	952	955	rBV	2933513	3125012	100.00%	12.428%
21	13.544	996	998	1000	rBV	66808	62299	1.99%	0.248%
22	13.932	1028	1032	1039	rBV4	30330	125404	4.01%	0.499%
23	14.047	1039	1042	1043	rVV	243869	465458	14.89%	1.851%
24	14.070	1043	1044	1056	rVB	774778	818148	26.18%	3.254%
25	14.538	1080	1085	1088	rBV3	36342	100248	3.21%	0.399%
26	14.847	1109	1112	1116	rBV2	26099	38975	1.25%	0.155%
27	14.915	1116	1118	1121	rVB	32630	43189	1.38%	0.172%
28	15.533	1169	1172	1182	rBV	352649	652169	20.87%	2.594%

Sum of corrected areas: 25144360

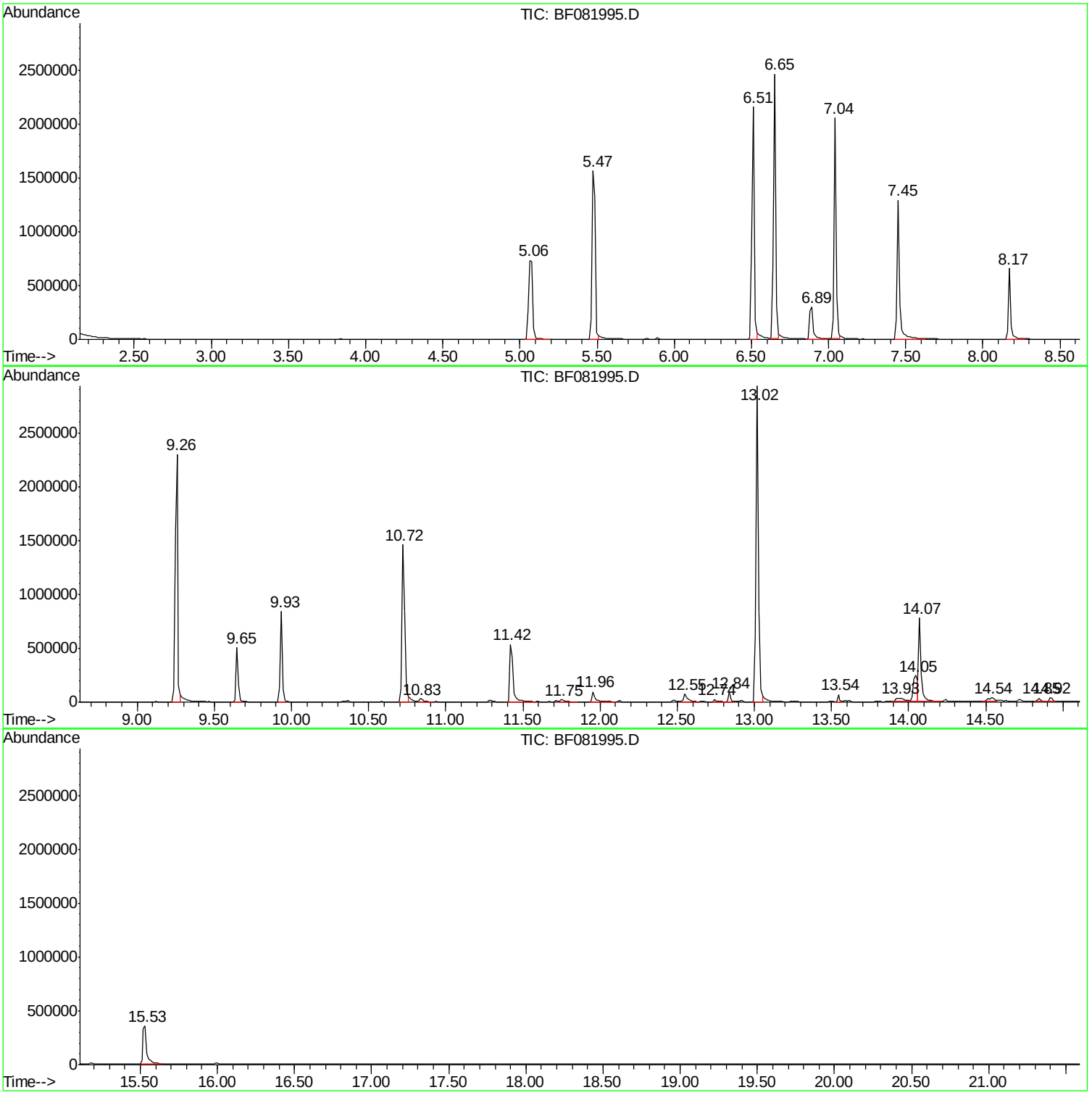
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

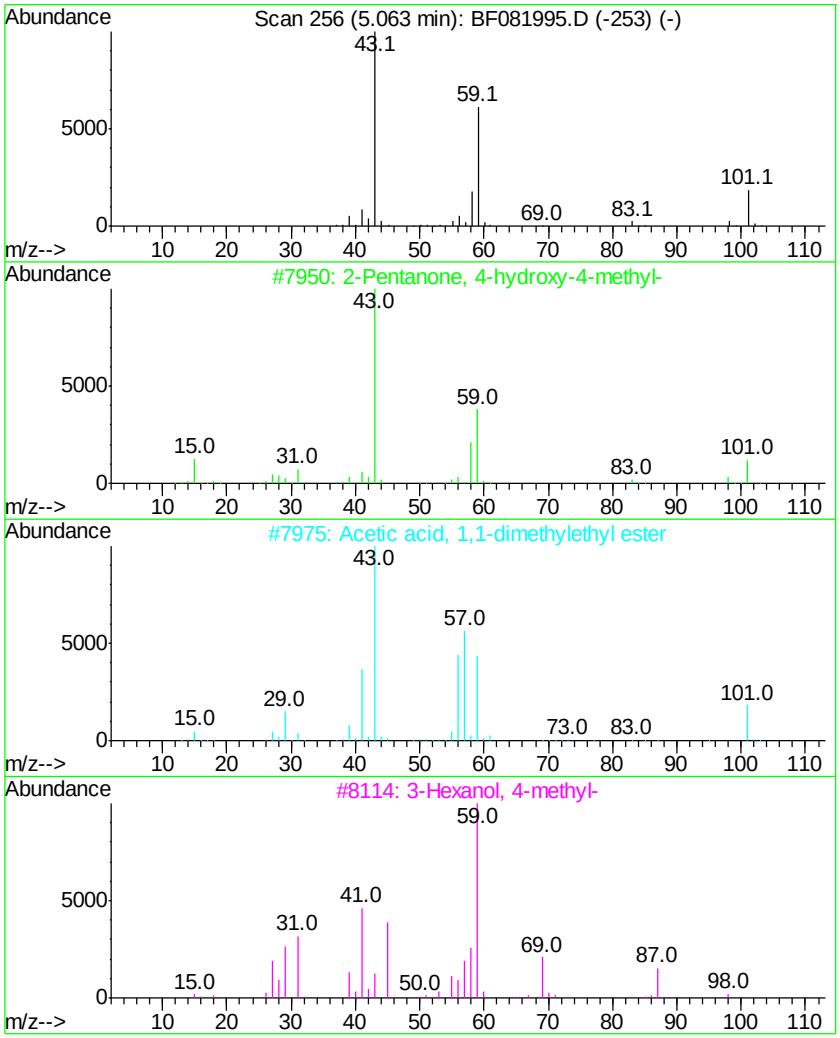
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

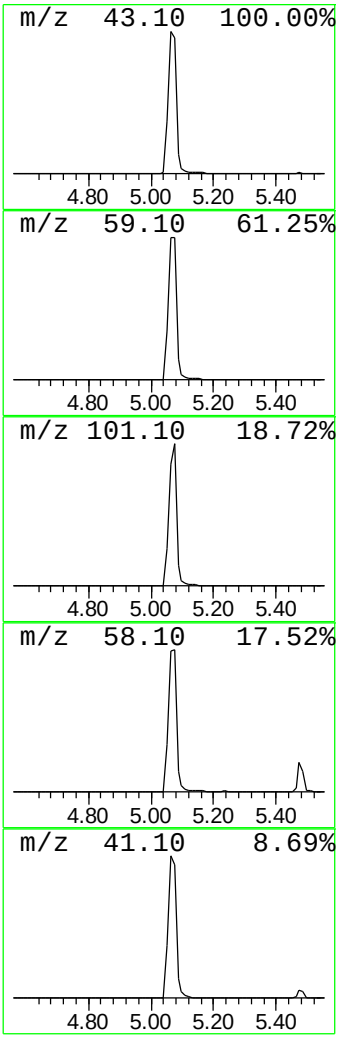
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	54.17 ng	1282730	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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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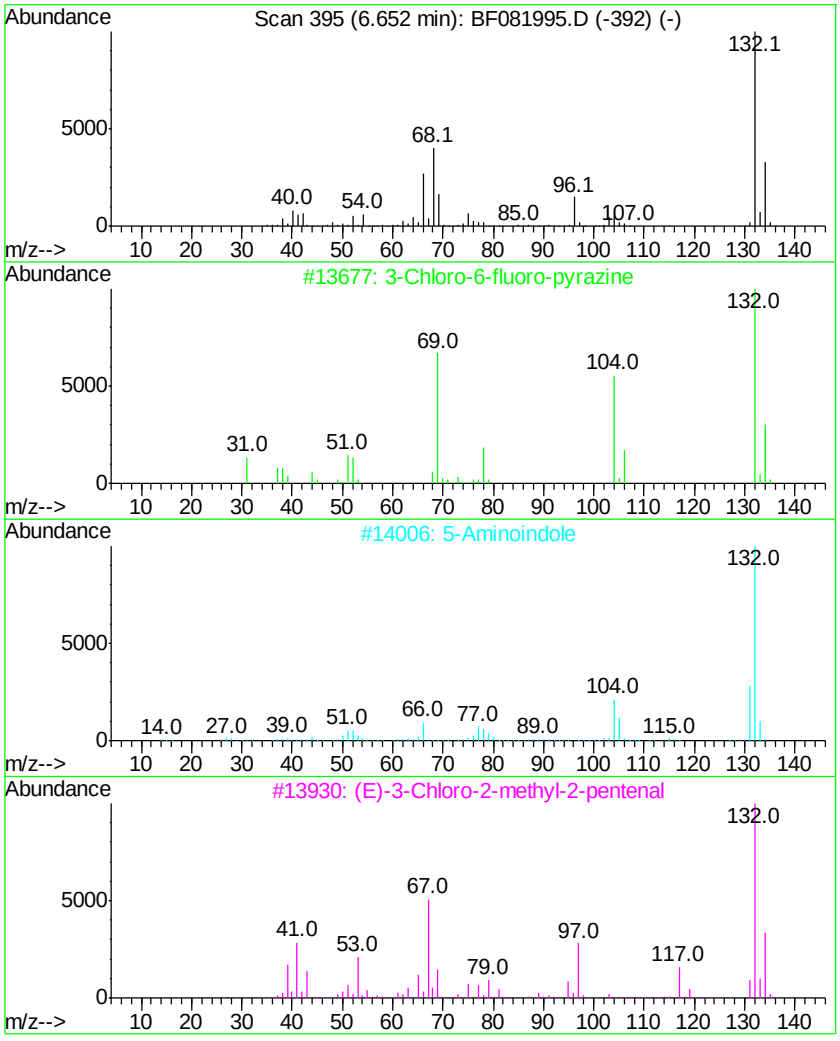
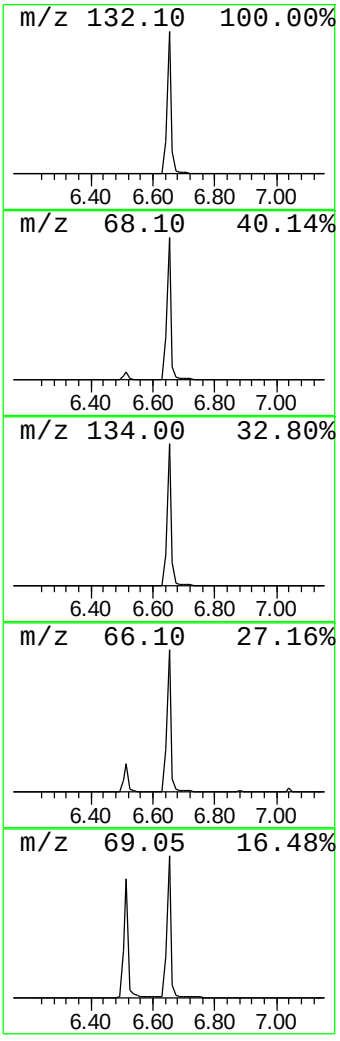
Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	99.19 ng	2348590	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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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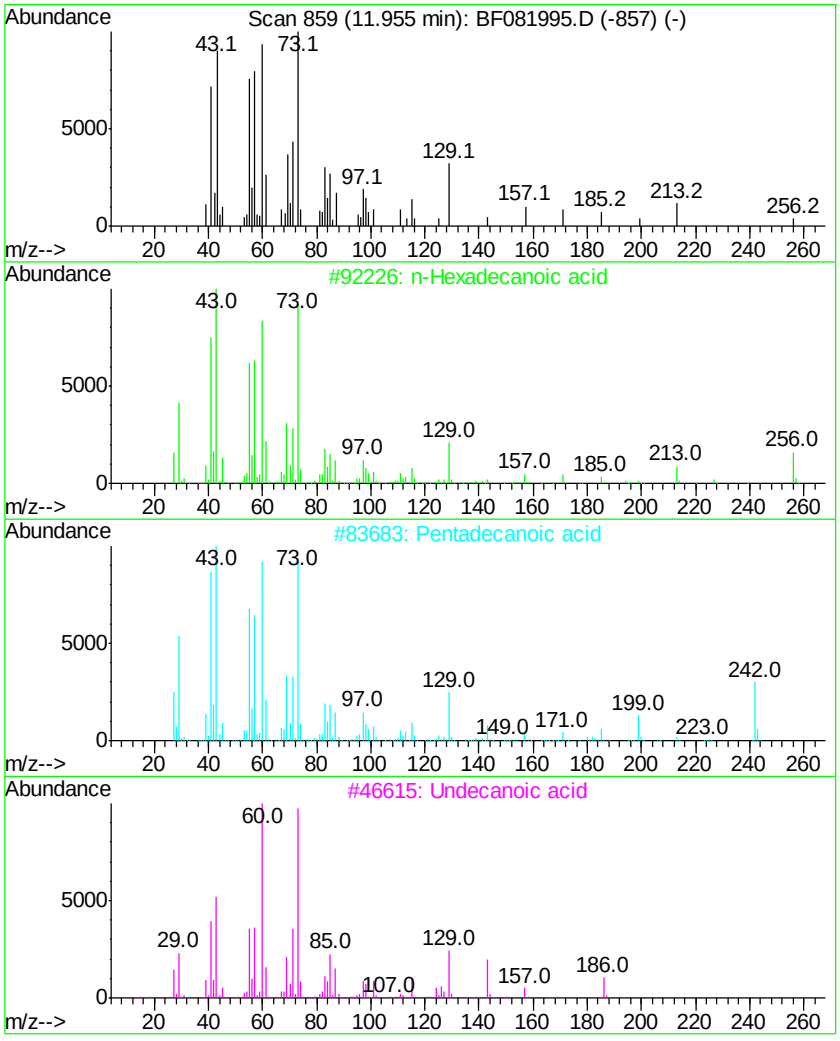
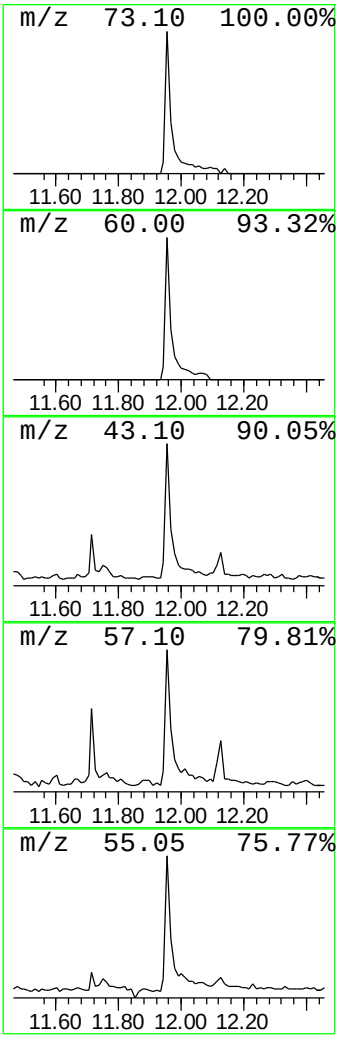
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.68 ng	148671	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

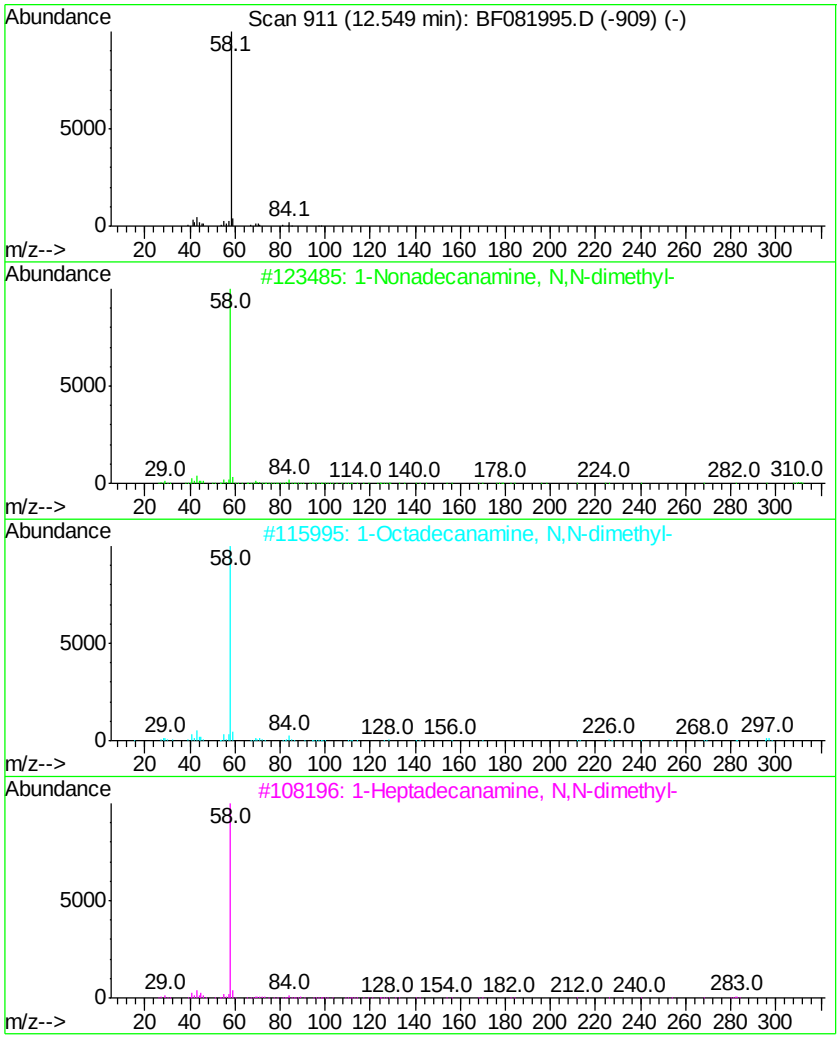
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

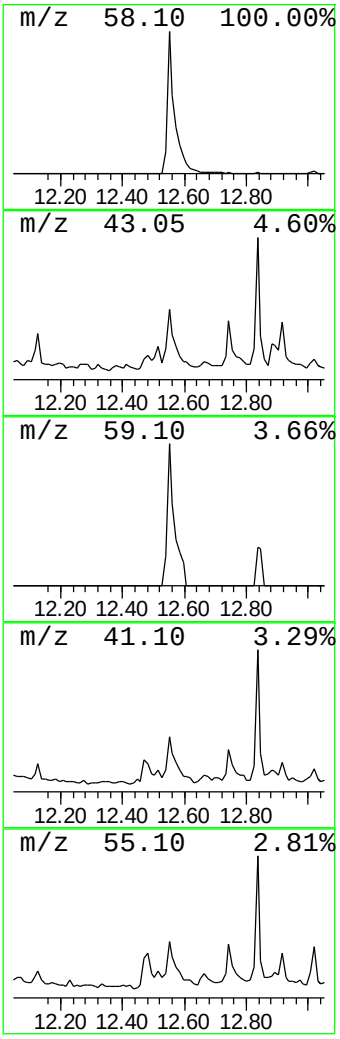
****

Peak Number 5 1-Nonadecanamine, N,N-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.99 ng	120935	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanamine, N,N-dimethyl-	311	C21H45N	049859-87-2	83
2	1-Octadecanamine, N,N-dimethyl-	297	C20H43N	000124-28-7	83
3	1-Heptadecanamine, N,N-dimethyl-	283	C19H41N	003002-57-1	78
4	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	78
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

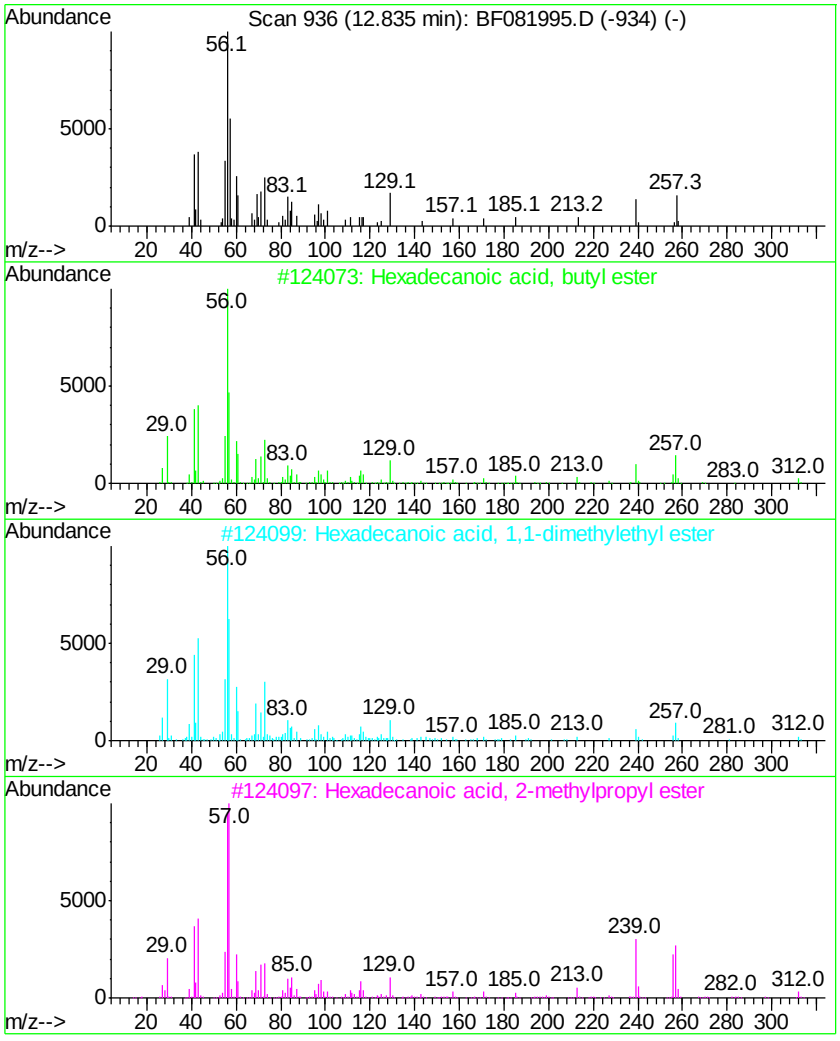
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

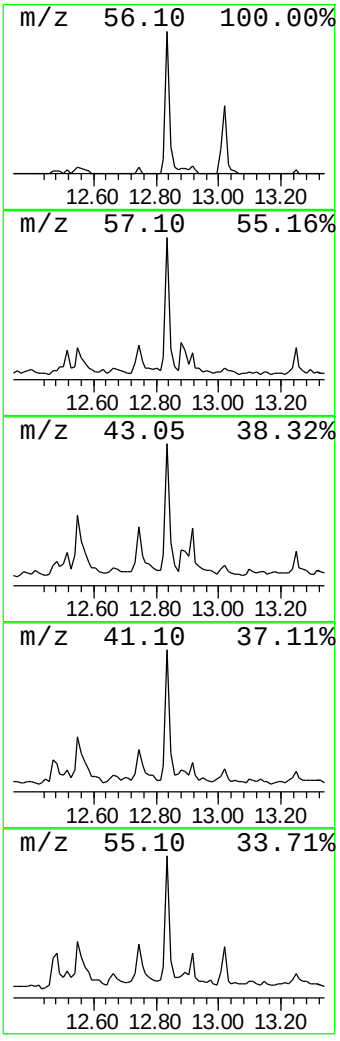
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.11 ng	86318	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	64
4	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081995.D
Acq On : 2 Oct 2015 23:05
Operator : UM/IZ
Sample : G3886-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

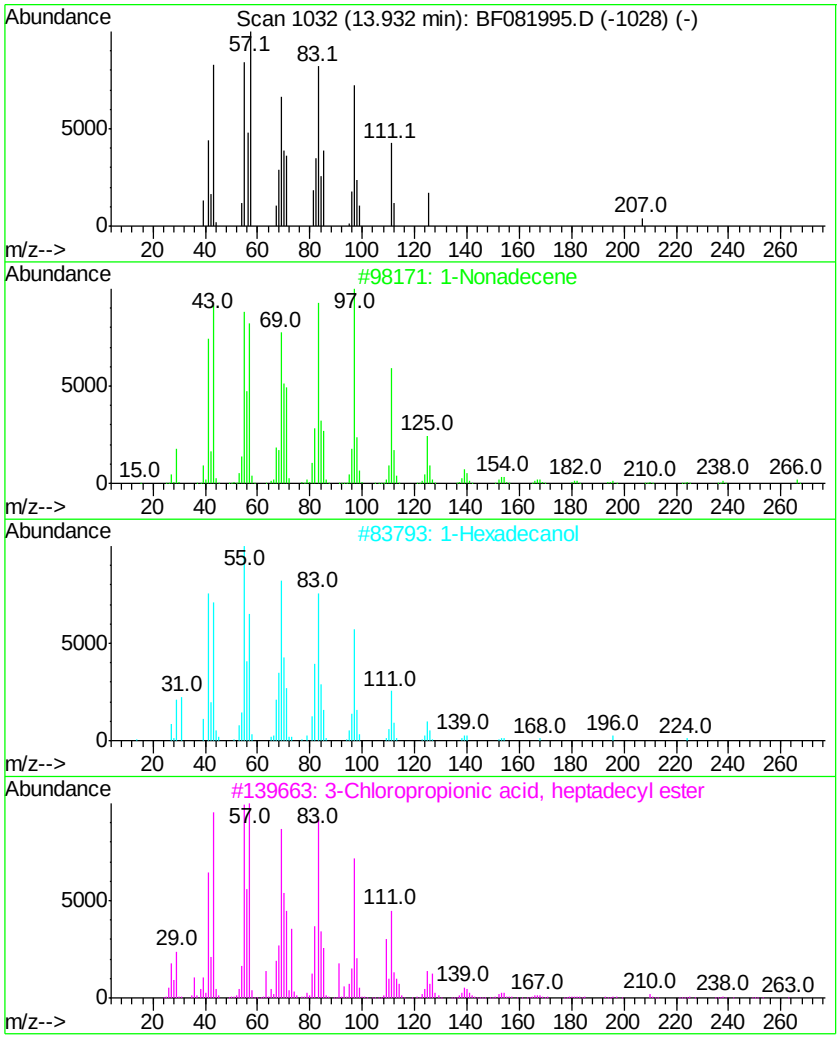
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

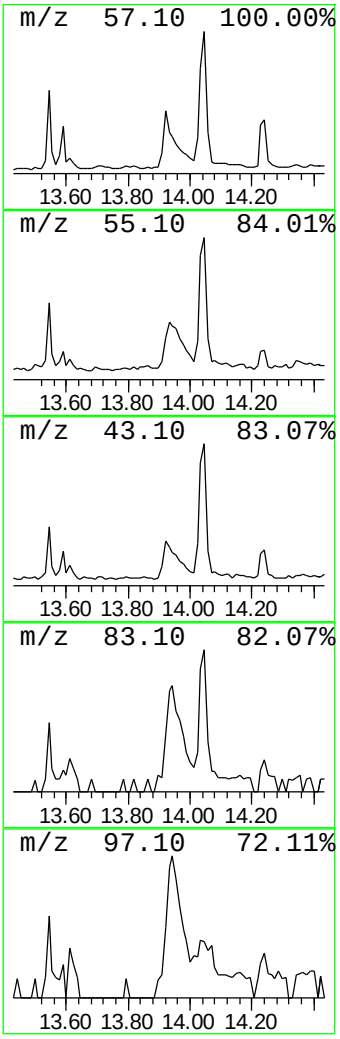
****

Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.07 ng	125404	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	1-Hexadecanol	242	C16H34O	036653-82-4	83
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	83
4	1-Heptadecanol	256	C17H36O	001454-85-9	81
5	17-Pentatriacontene	491	C35H70	006971-40-0	80





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Operator : UM/IZ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(70-72)

Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

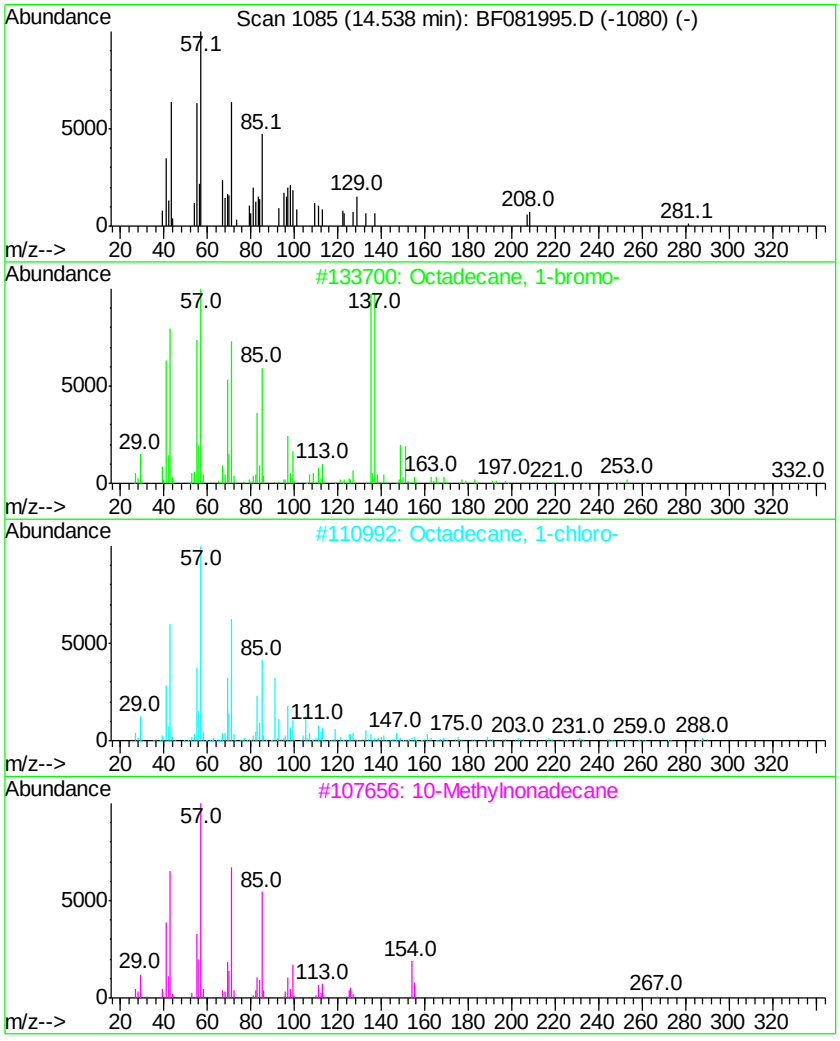
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

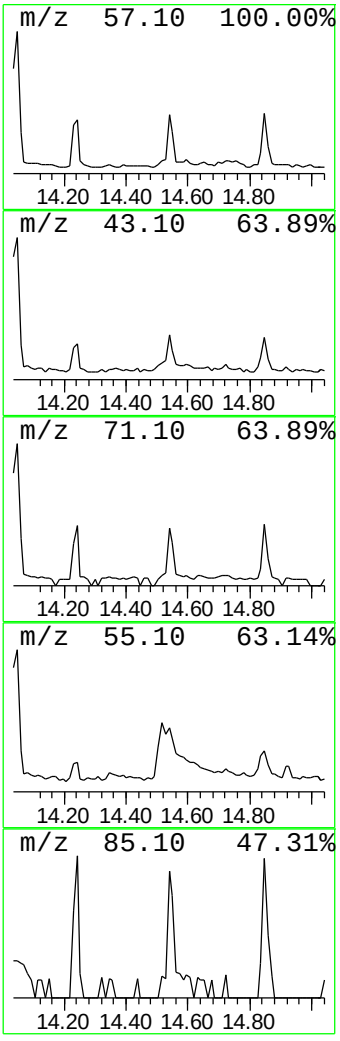
****

Peak Number 8 Octadecane, 1-bromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.45 ng	100248	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	58
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3	10-Methylnonadecane	282	C20H42	056862-62-5	52
4	Pentatriacontane	493	C35H72	000630-07-9	50
5	Heptacosane	380	C27H56	000593-49-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Quant Method : H:\HPCHEM1\BNA_F\Method\8270-BF092815.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
2-Pentanone, 4-hy...	5.06	54.2	ng	1282730	1	6.89	473560	20.0
unknown6.65	6.65	99.2	ng	2348590	1	6.89	473560	20.0
n-Hexadecanoic acid	11.96	3.7	ng	148671	4	11.42	807737	20.0
1-Nonadecanamine,...	12.55	3.0	ng	120935	4	11.42	807737	20.0
Hexadecanoic acid...	12.84	2.1	ng	86318	5	14.07	818148	20.0
1-Nonadecene	13.93	3.1	ng	125404	5	14.07	818148	20.0
Octadecane, 1-bromo-	14.54	2.5	ng	100248	5	14.07	818148	20.0