LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

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-BF113015.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	4.647	257	259	278	rVB	1237799	2482603	36.23%	4.400%
2	5.127	298	301	315	rBV	5287661	6283467	91.71%	11.136%
3	6.213	392	396	398	rBV	4447072	6851444	100.00%	12.142%
4	6.304	401	404	407	rVB	5871740	5925857	86.49%	10.502%
5	6.522	421	423	426	rBV	931449	1026336	14.98%	1.819%
6	6.682	435	437	440	rBV	3832487	4224369	61.66%	7.487%
7	7.104	471	474	477	rBV	3595005	3896485	56.87%	6.906%
8	7.265	484	488	491	rBV	183180	297736	4.35%	0.528%
9	7.813	534	536	539	rBV	1391043	1307588	19.08%	2.317%
10	8.773	617	620	623	rVB	70424	70912	1.03%	0.126%
11	8.899	628	631	633	rBV	5911324	5774392	84.28%	10.234%
12	9.299	664	666	669	rBV	1882015	1687174	24.63%	2.990%
13	9.516	683	685	687	rBV	194083	174050	2.54%	0.308%
14	9.562	687	689	691	rVV	1603453	1451610	21.19%	2.573%
15	10.019	725	729	730	rBV2	201087	279440	4.08%	0.495%
16	10.236	745	748	751	rBV	85685	165059	2.41%	0.293%
17	10.351	755	758	761	rVB	3565409	3698128	53.98%	6.554%
18	10.488	768	770	775	rVV	255923	335493	4.90%	0.595%
19	10.591	777	779	781	rVB	72346	81917	1.20%	0.145%
20	10.979	811	813	815	rBV	145068	135718	1.98%	0.241%
21	11.093	820	823	826	rBV	1399745	1382372	20.18%	2.450%
22	11.493	854	858	861	rVB2	61942	99252	1.45%	0.176%
23	11.791	881	884	889	rBV	420339	557251	8.13%	0.988%
24	12.145	912	915	917	rVB	53999	85846	1.25%	0.152%
25	12.339	928	932	937	rBV	40177	85298	1.24%	0.151%
26	12.431	937	940	943	rVV	102368	153439	2.24%	0.272%
27	12.865	975	978	980	rBV	196210	268840	3.92%	0.476%
28	12.911	980	982	985	rVB	69625	104568	1.53%	0.185%
29	13.185	1002	1006	1009	rVB	3529235	4814146	70.26%	8.532%
30	14.614	1128	1131	1136	rBV	210266	327335	4.78%	0.580%
31	14.705	1136	1139	1142	rVB	809329	1000940	14.61%	1.774%
32	16.031	1252	1255	1260	rBV	315276	491558	7.17%	0.871%
33	16.774	1316	1320	1323	rBV	570133	905074	13.21%	1.604%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 56425697

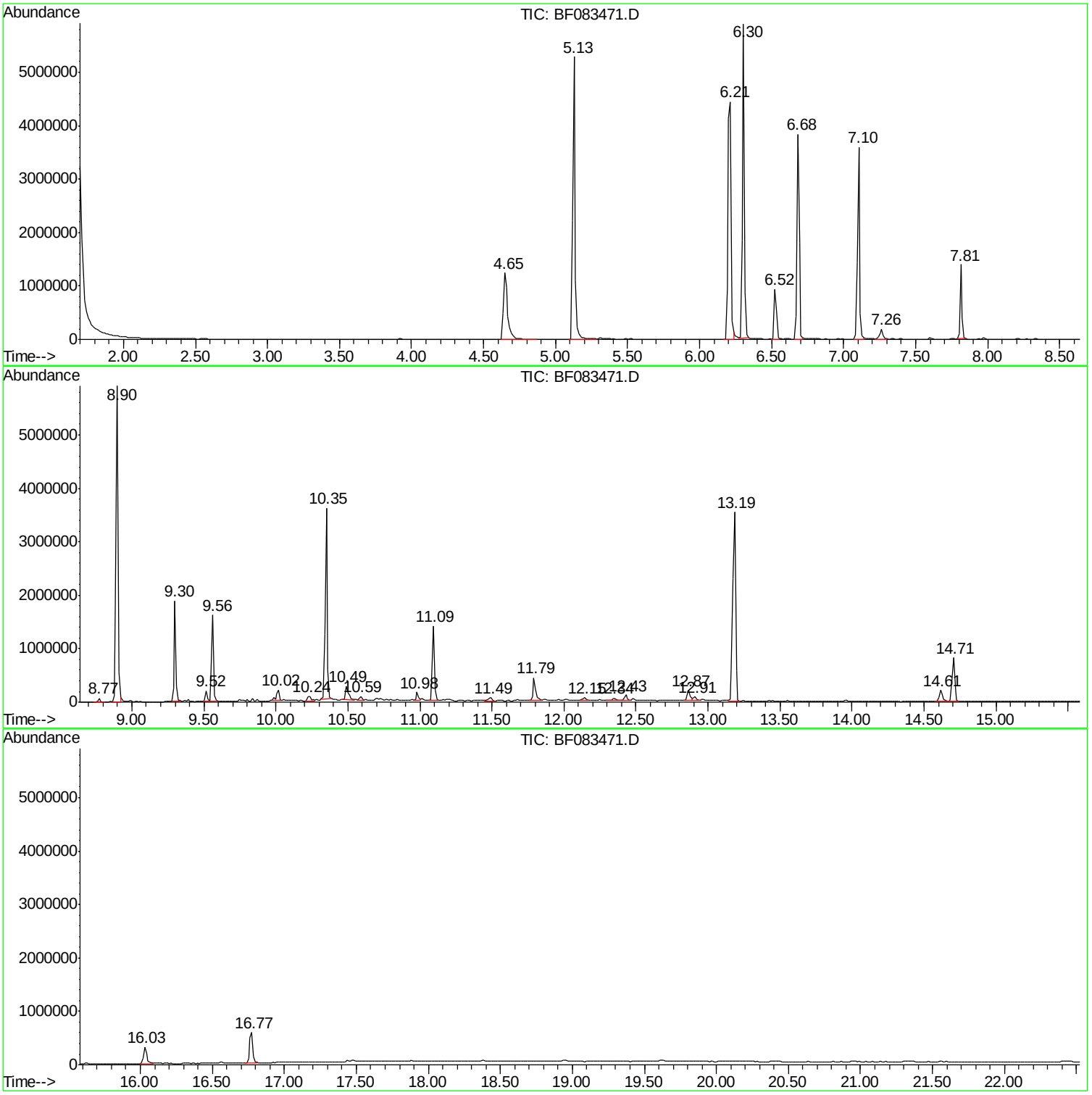
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

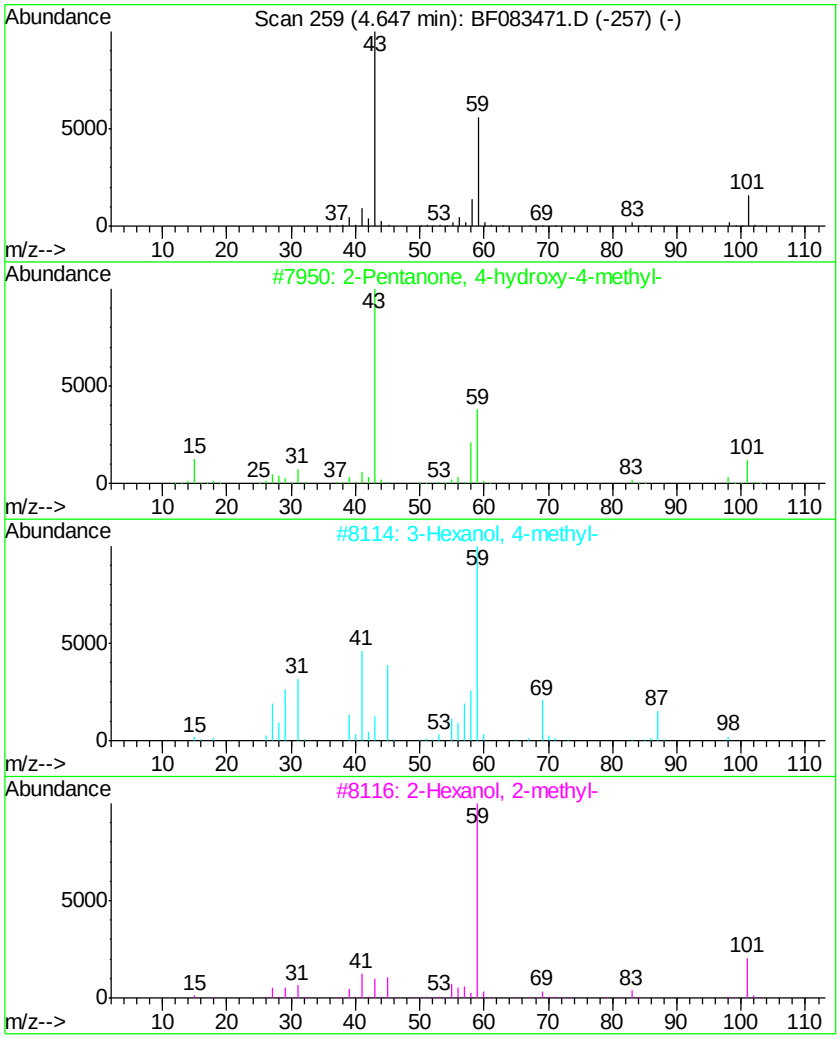
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

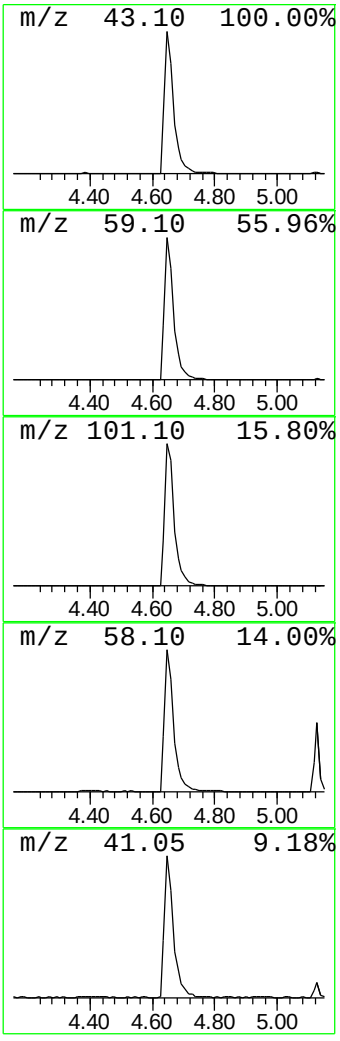
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	48.38 ng	2482600	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

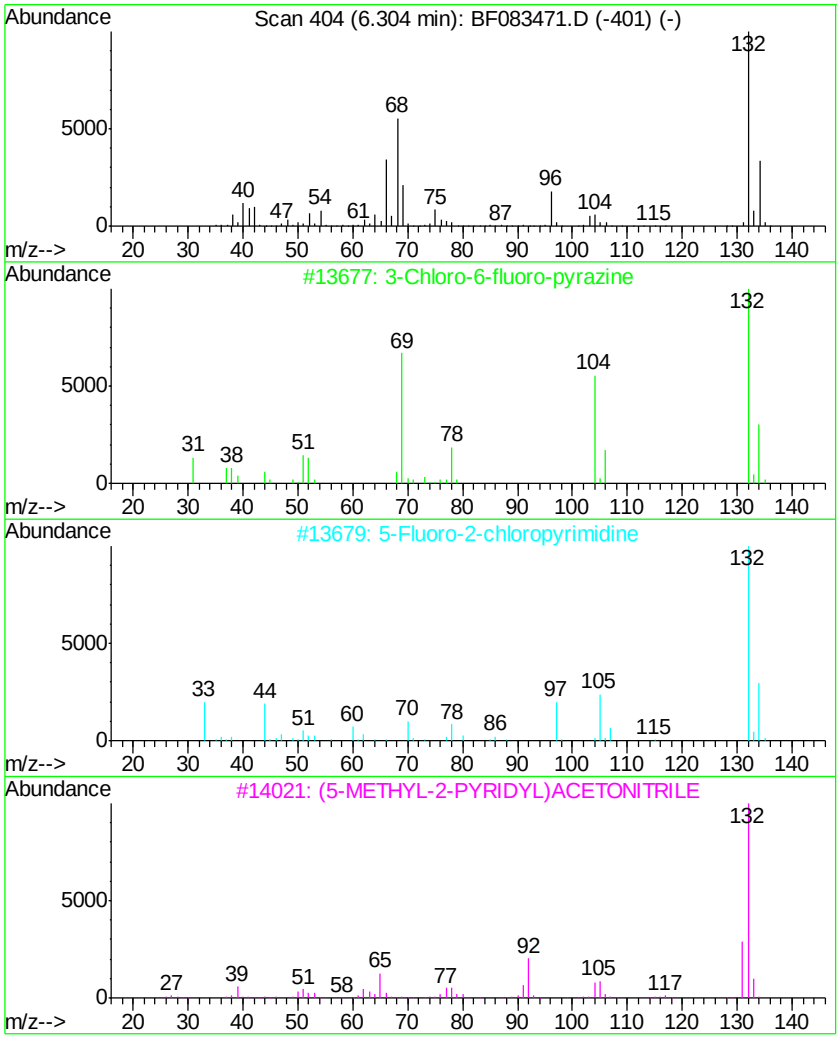
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

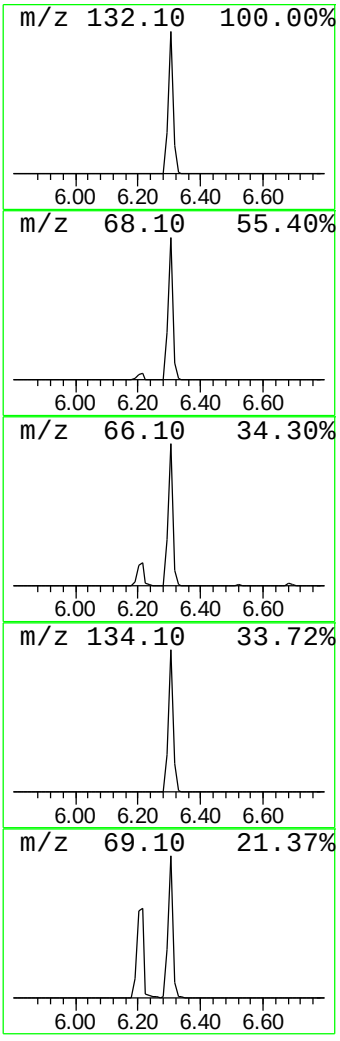
****

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	115.48 ng	5925860	1,4-Dichlorobenzene-d4	6.52

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-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

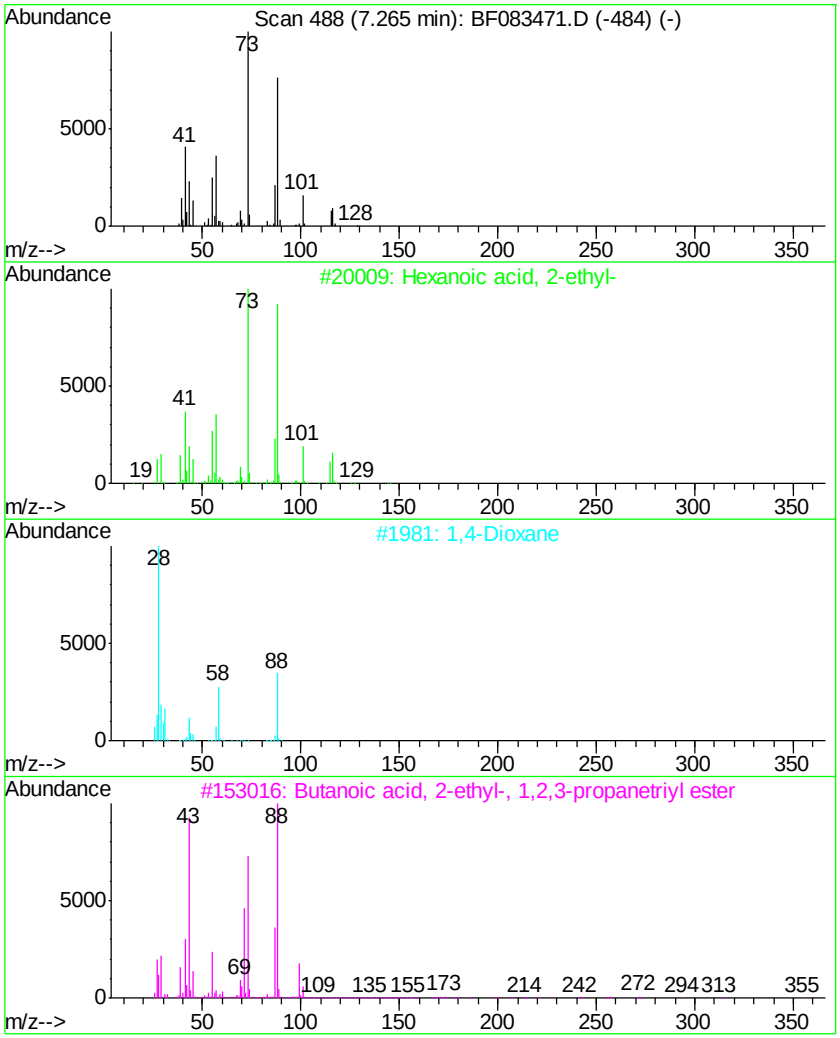
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

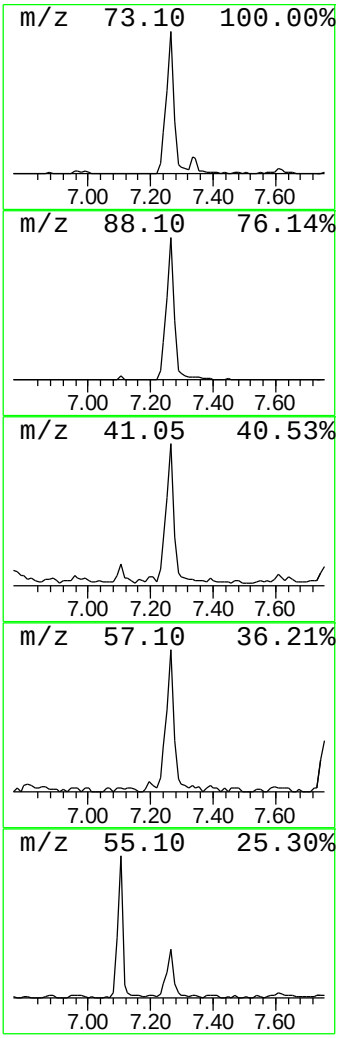
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	4.55 ng	297736	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	1,4-Dioxane	88	C4H8O2	000123-91-1	47
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
4	Methyl 4-O-acetyl-2,3-di-O-methy...	248	C11H20O6	072945-56-3	45
5	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

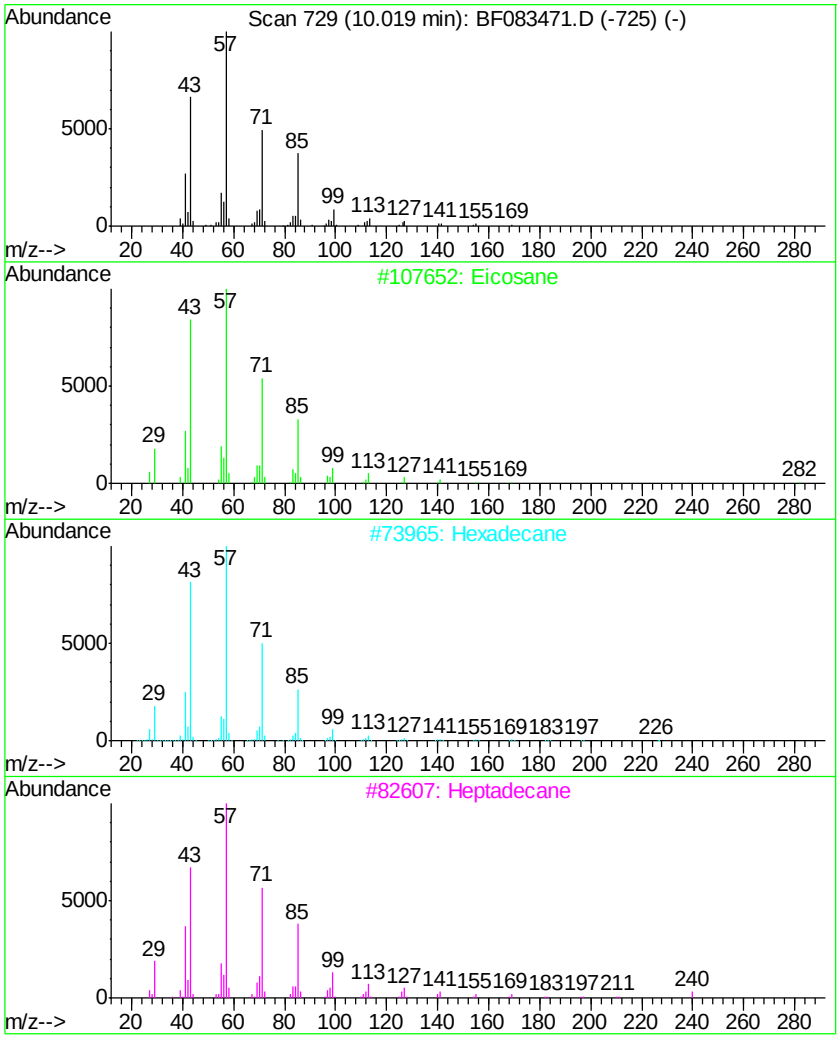
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

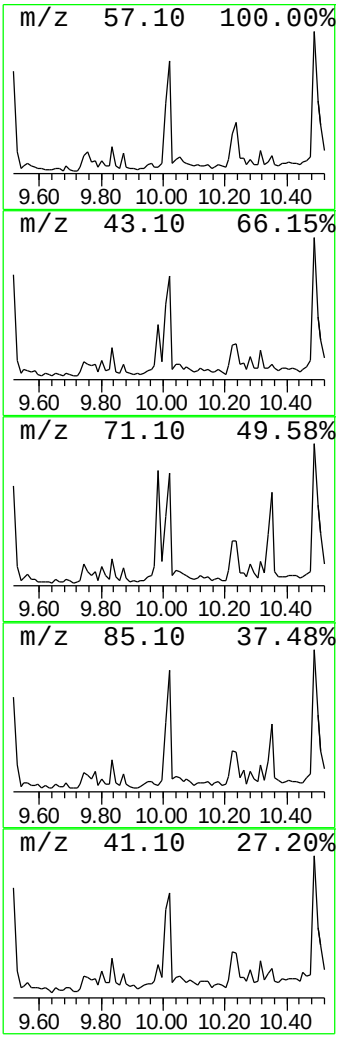
****

Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.85 ng	279440	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Tetracosane	338	C24H50	000646-31-1	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

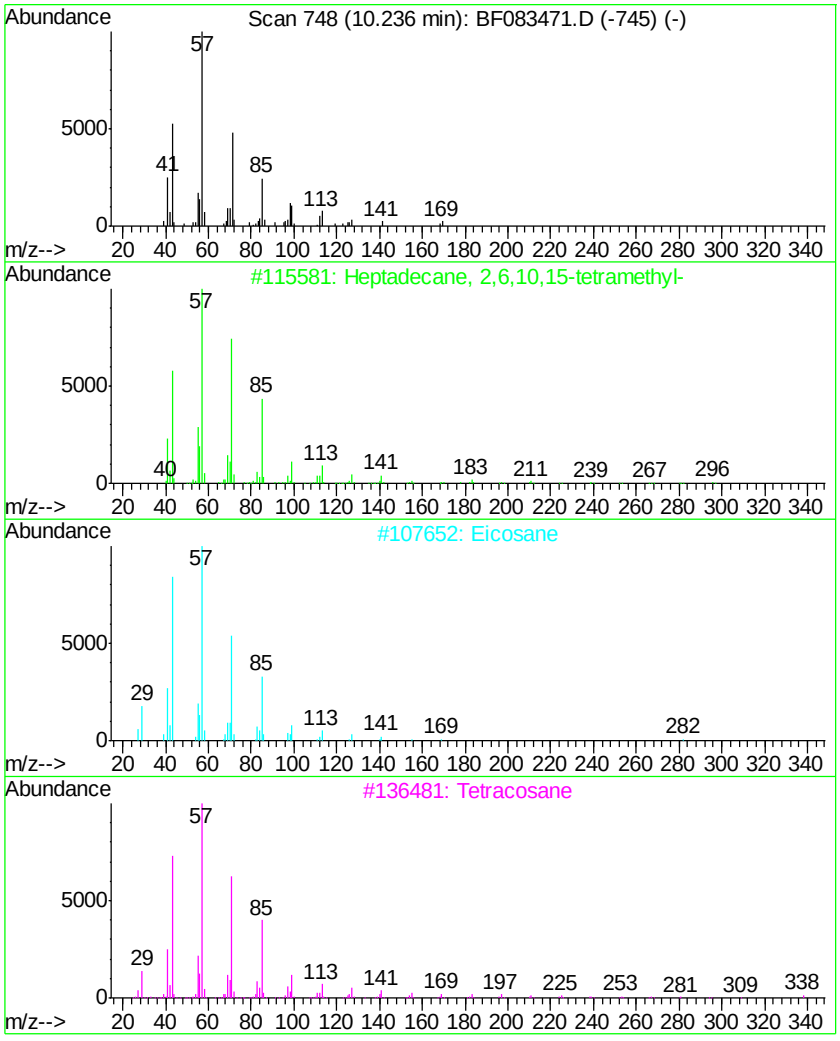
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

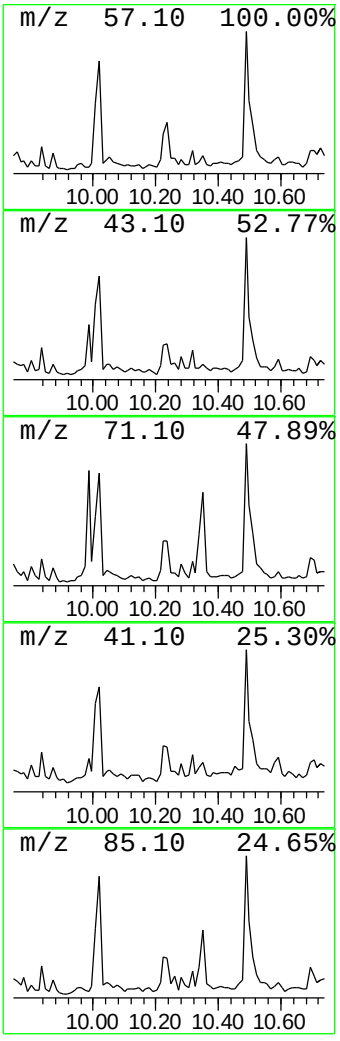
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.27 ng	165059	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Eicosane	282	C20H42	000112-95-8	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Octacosane	394	C28H58	000630-02-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

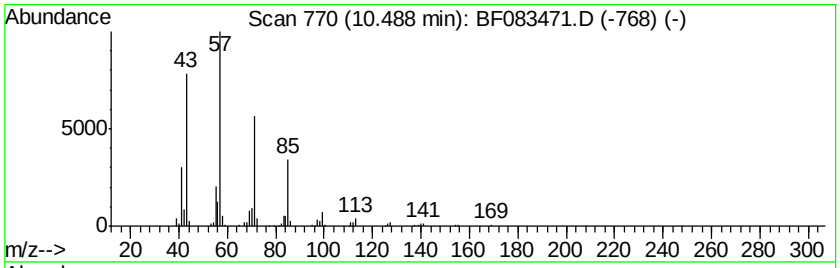
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

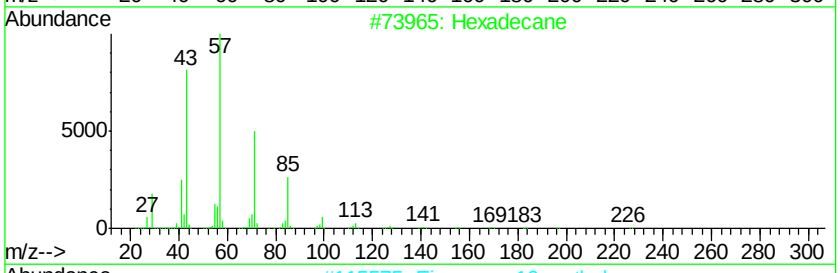
****

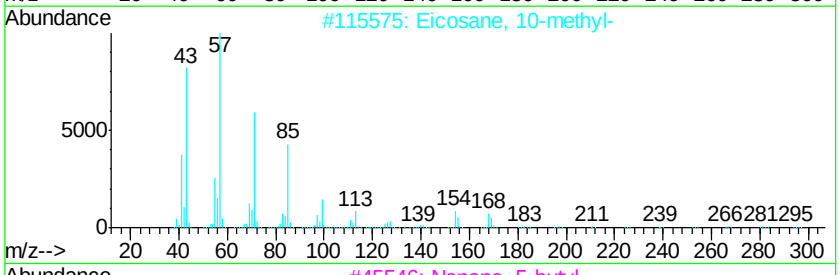
Peak Number 7 Hexadecane Concentration Rank 7

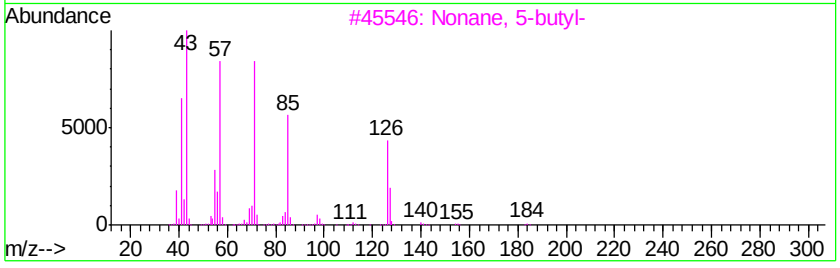
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.85 ng	335493	Phenanthrene-d10	11.09

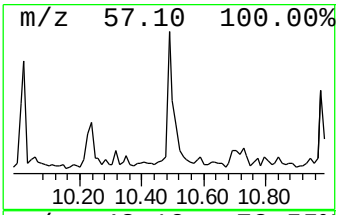
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72

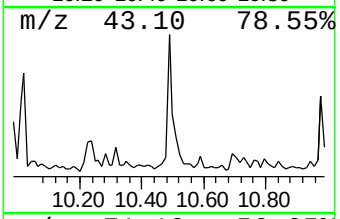


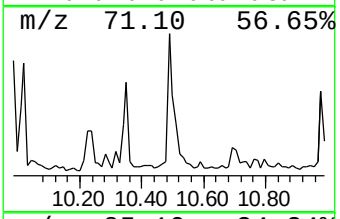


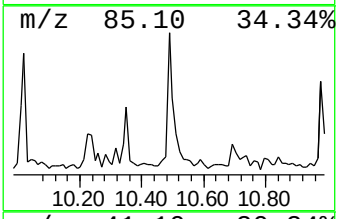


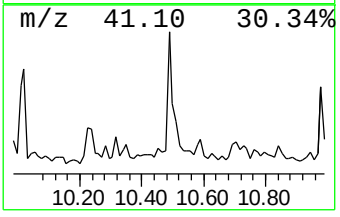












Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

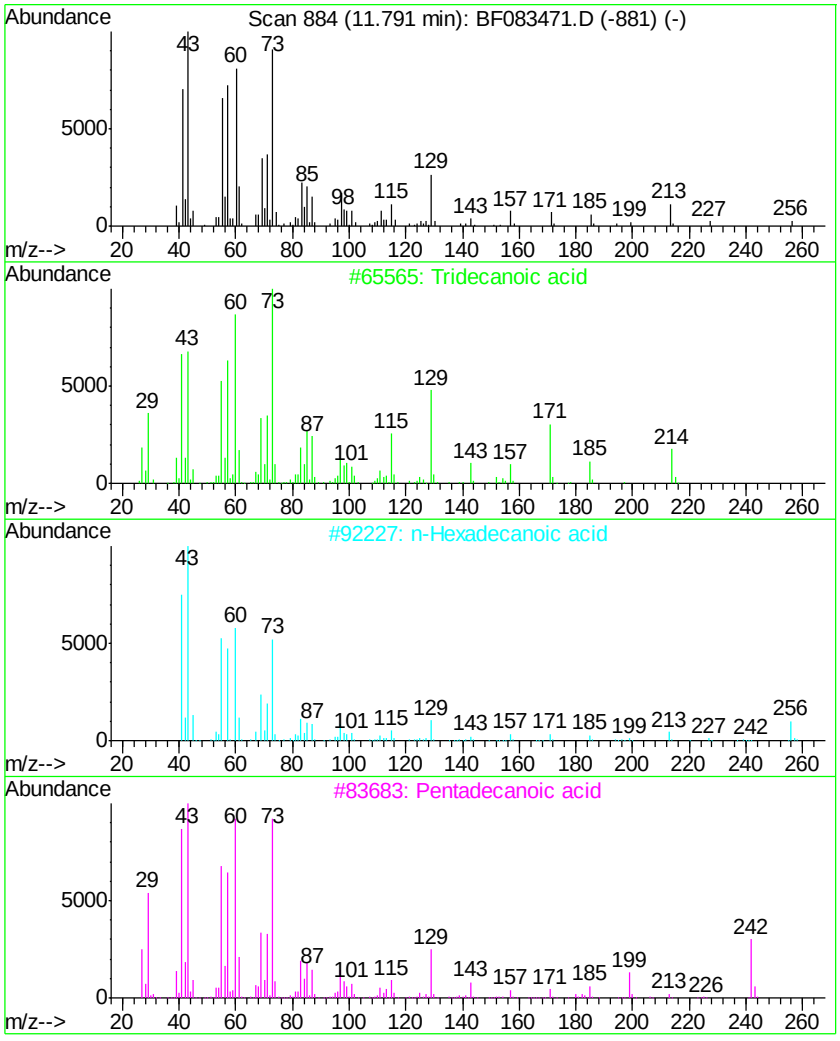
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

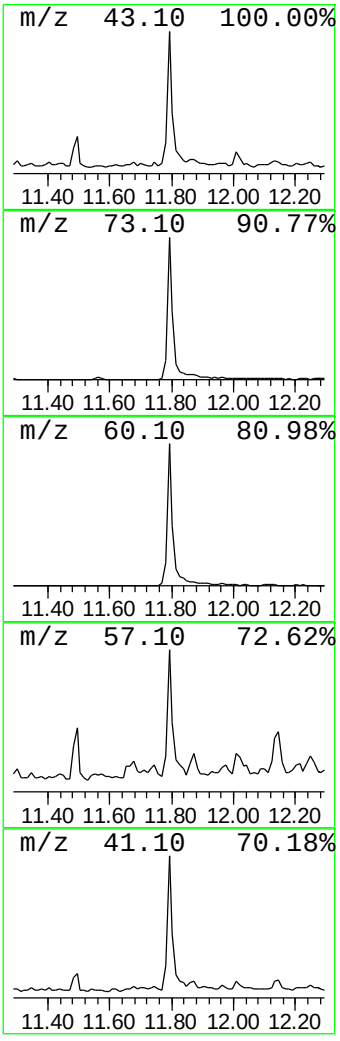
****

Peak Number 8 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.06 ng	557251	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

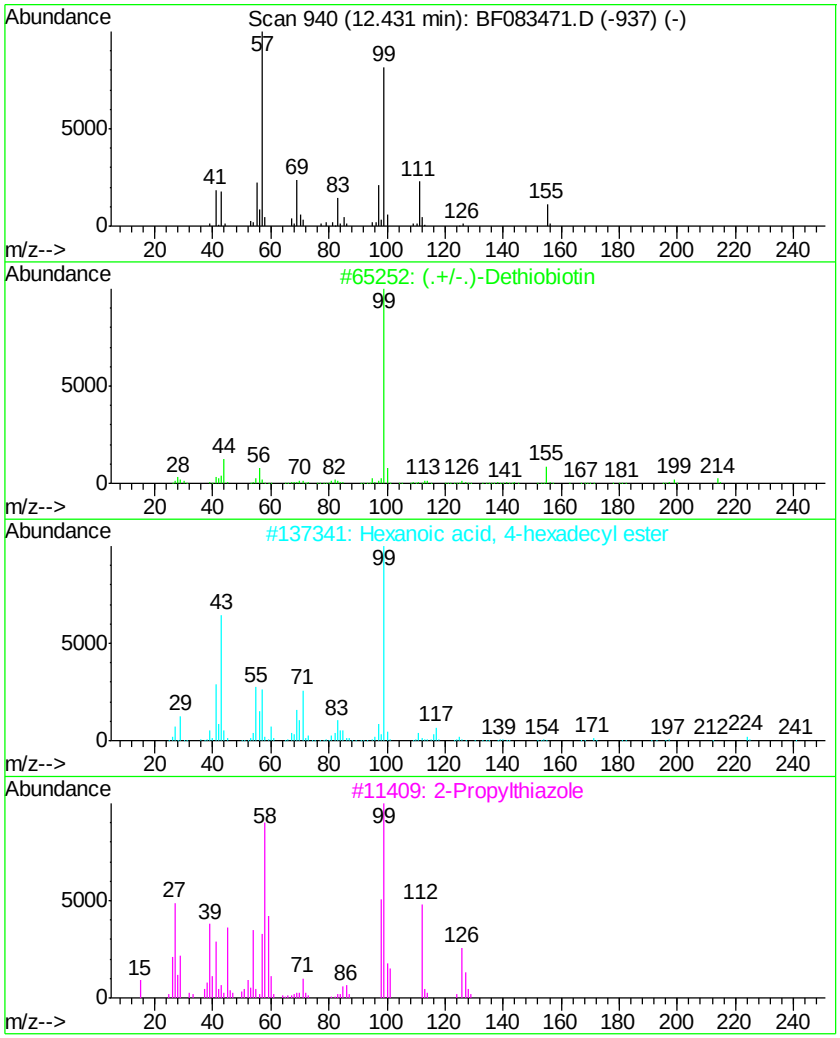
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

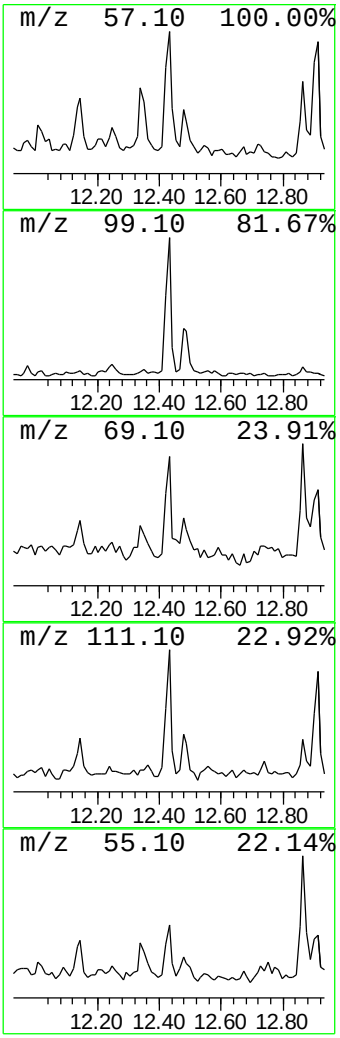
****

Peak Number 9 unknown12.43 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.22 ng	153439	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(.+/-.)-Dethiobiotin	214	C10H18N2O3	000636-20-4	43
2	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	38
3	2-Propylthiazole	127	C6H9NS	017626-75-4	38
4	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	32
5	1,4-Dioxaspiro[4.5]decan-8-ol	158	C8H14O3	022428-87-1	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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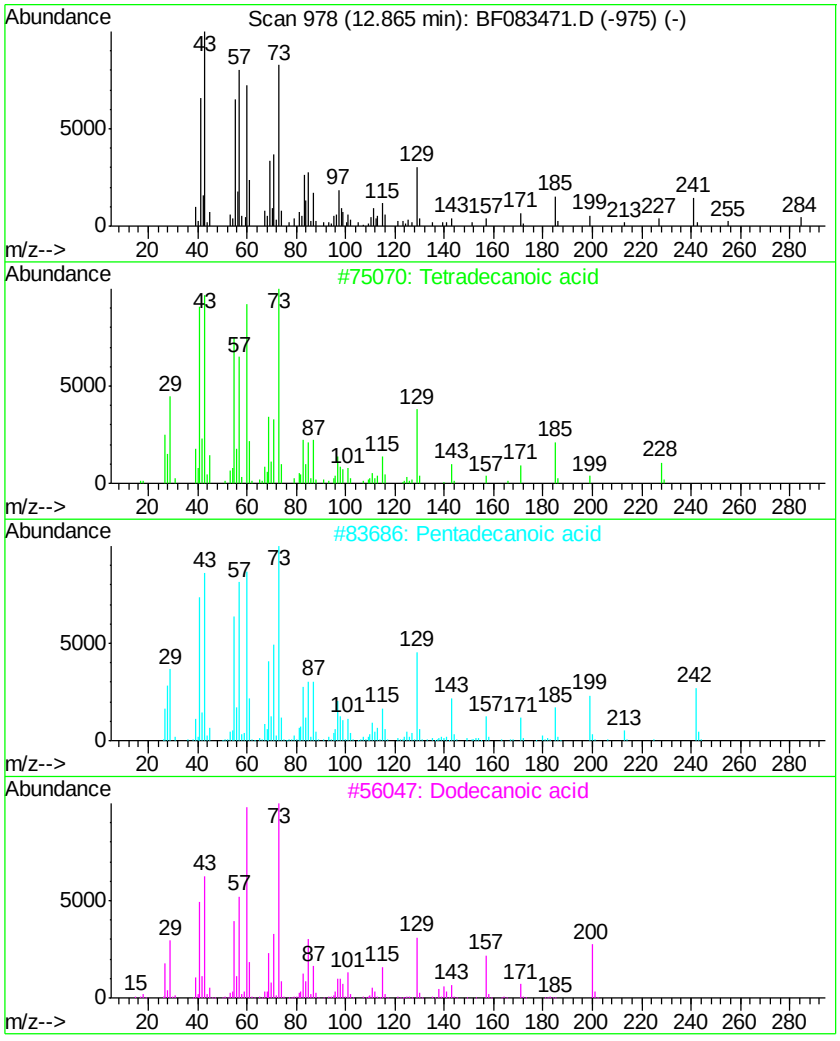
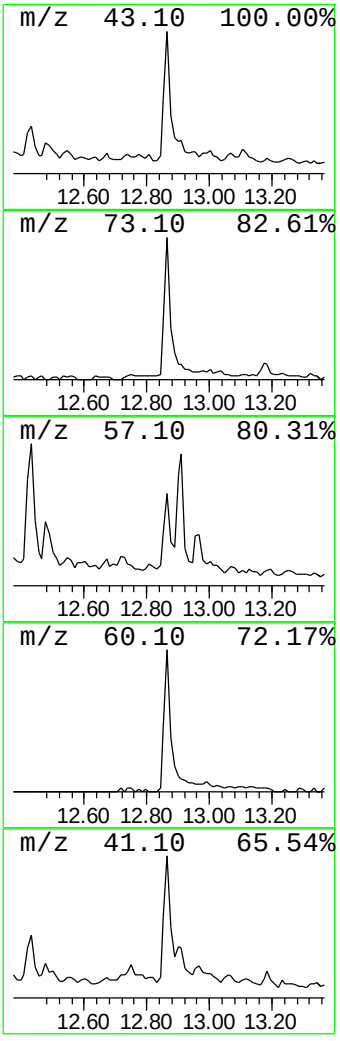
Peak Number 10 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.89 ng	268840	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Dodecanoic acid	200	C12H24O2	000143-07-7	45
4	Octanoic Acid	144	C8H16O2	000124-07-2	43
5	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	43





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Data File : BF083471.D
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Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

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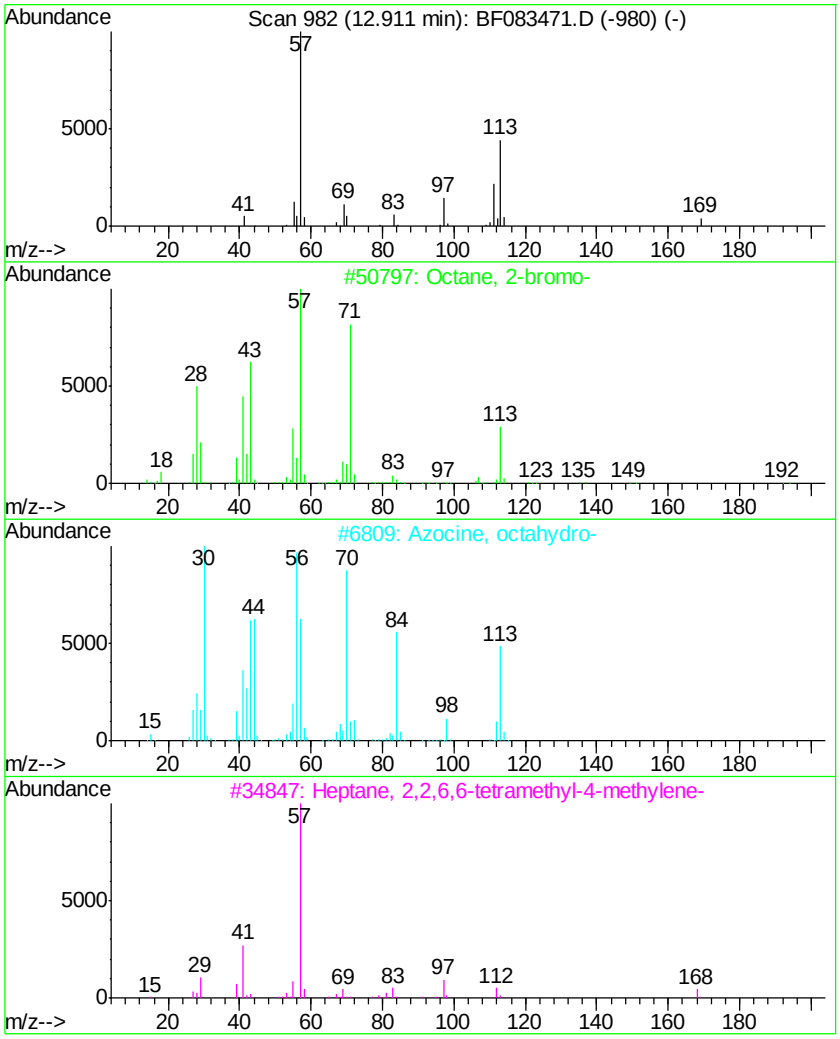
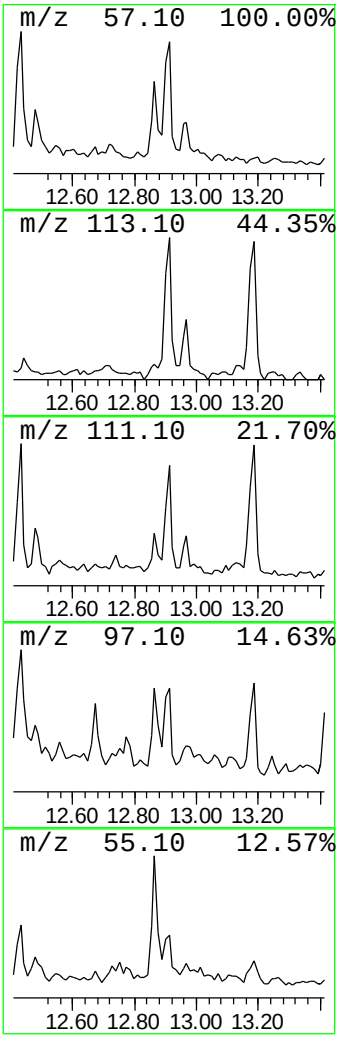
Peak Number 11 unknown12.91 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.09 ng	104568	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	40
2	Azocine, octahydro-	113	C7H15N	001121-92-2	37
3	Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	12
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	12
5	4-Decene, 2,2-dimethyl-, (Z)-	168	C12H24	055499-03-1	10





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Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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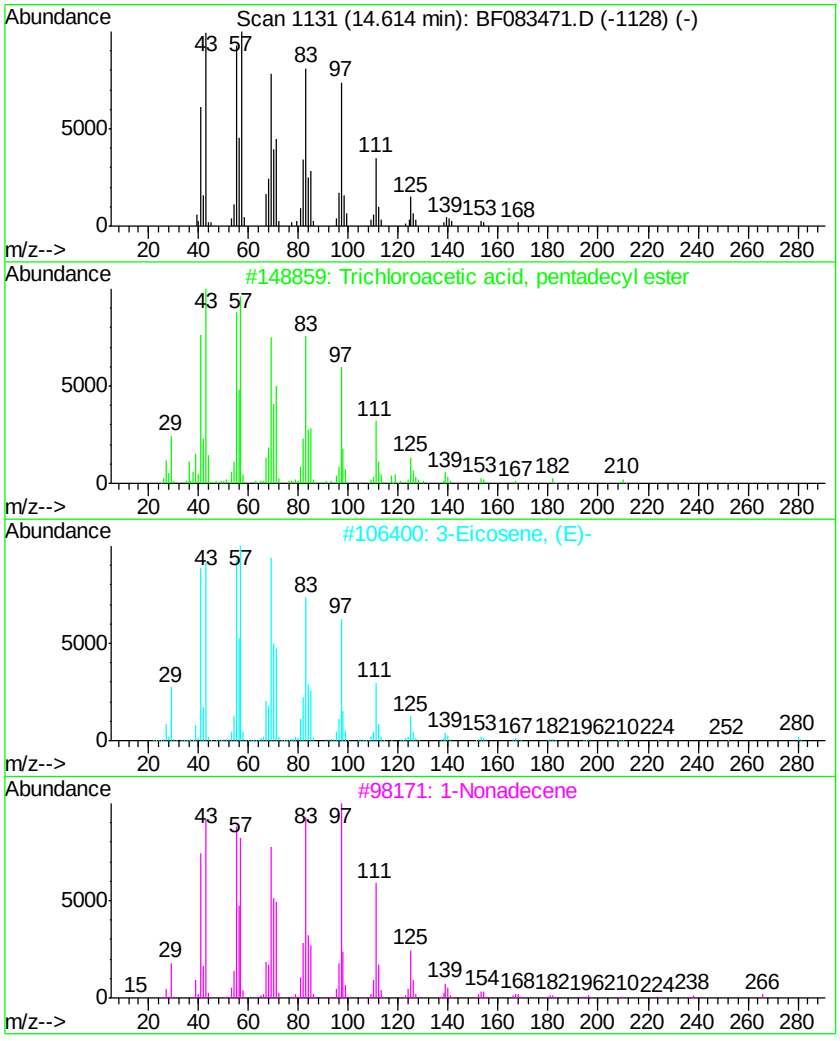
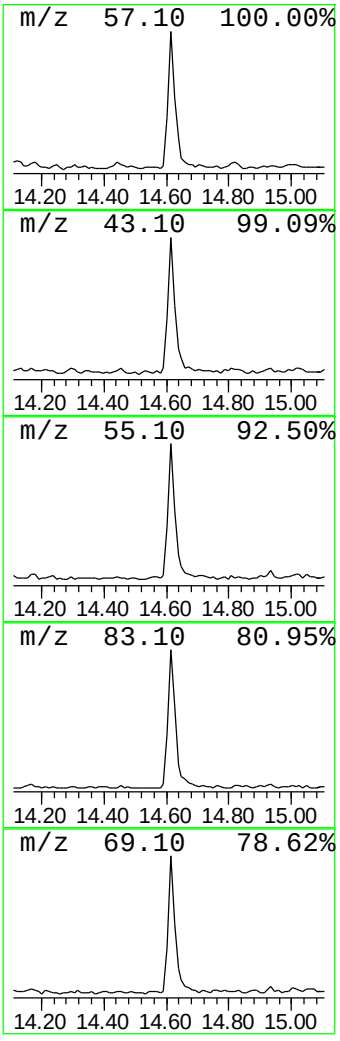
Peak Number 12 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	6.54 ng	327335	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Tetracosanol	354	C24H50O	000506-51-4	90
5	11-Tricosene	322	C23H46	052078-56-5	87





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Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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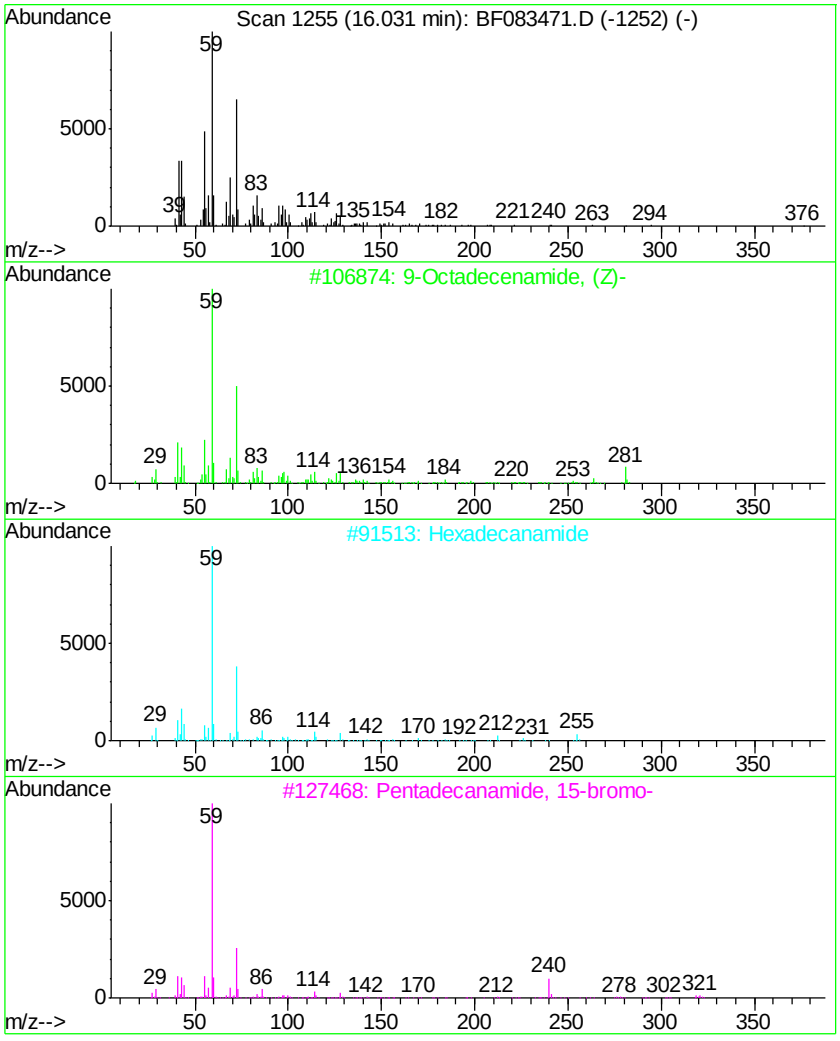
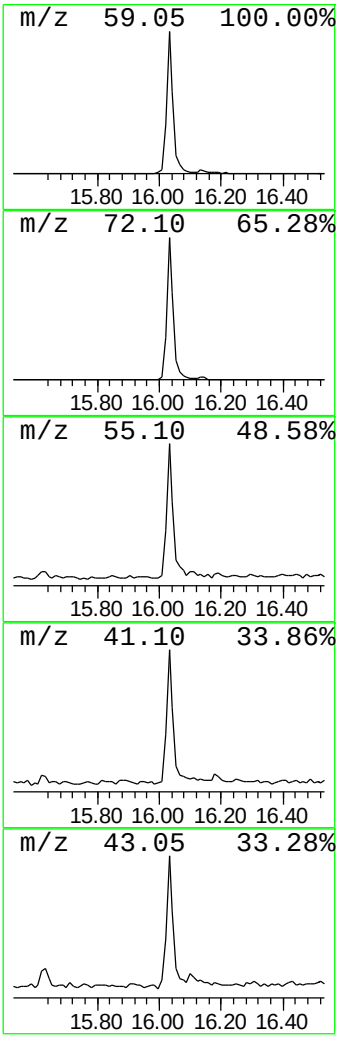
Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	10.86 ng	491558	Perylene-d12	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083471.D
Acq On : 3 Dec 2015 20:49
Operator : UM/IZ
Sample : G4573-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	48.4	ng	2482600	1	6.52	1026340	20.0
unknown6.30	6.30	115.5	ng	5925860	1	6.52	1026340	20.0
Hexanoic acid, 2-...	7.26	4.5	ng	297736	2	7.81	1307590	20.0
Eicosane	10.02	3.9	ng	279440	3	9.56	1451610	20.0
Heptadecane, 2,6,...	10.24	2.3	ng	165059	3	9.56	1451610	20.0
Hexadecane	10.49	4.8	ng	335493	4	11.09	1382370	20.0
Tridecanoic acid	11.79	8.1	ng	557251	4	11.09	1382370	20.0
unknown12.43	12.43	2.2	ng	153439	4	11.09	1382370	20.0
Tetradecanoic acid	12.87	3.9	ng	268840	4	11.09	1382370	20.0
unknown12.91	12.91	2.1	ng	104568	5	14.71	1000940	20.0
Trichloroacetic a...	14.61	6.5	ng	327335	5	14.71	1000940	20.0
9-Octadecenamide,...	16.03	10.9	ng	491558	6	16.77	905074	20.0