LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(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-BF110715.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	5.036	254	258	260	rBV	1943252	3192548	52.23%	5.303%
2	5.447	291	294	297	rBV	4285622	6103736	99.85%	10.138%
3	6.476	381	384	387	rBV	4500653	6112809	100.00%	10.153%
4	6.613	393	396	399	rBV	5538452	5556493	90.90%	9.229%
5	6.842	414	416	418	rBV	1260446	1410965	23.08%	2.344%
6	7.002	428	430	433	rVB	3857115	3582682	58.61%	5.951%
7	7.413	462	466	468	rBV	3358743	4288822	70.16%	7.124%
8	7.516	472	475	482	rVB	37608	74630	1.22%	0.124%
9	8.133	526	529	531	rBV	1946050	1736953	28.41%	2.885%
10	9.093	611	613	619	rVB	51796	72383	1.18%	0.120%
11	9.208	620	623	626	rVV	4496155	5822901	95.26%	9.672%
12	9.608	655	658	660	rBV	2171443	2033381	33.26%	3.377%
13	9.882	680	682	685	rBV	1755972	2216269	36.26%	3.681%
14	10.305	713	719	720	rBV	130461	129753	2.12%	0.216%
15	10.328	720	721	723	rVB	139107	129660	2.12%	0.215%
16	10.556	737	741	743	rBV	67966	113156	1.85%	0.188%
17	10.671	748	751	754	rVV	3739542	3584083	58.63%	5.953%
18	10.808	761	763	768	rVV	177617	315610	5.16%	0.524%
19	10.888	768	770	772	rVB2	45289	65247	1.07%	0.108%
20	11.254	800	802	803	rBV	238909	219535	3.59%	0.365%
21	11.288	803	805	806	rVB	57645	66578	1.09%	0.111%
22	11.368	810	812	814	rVV	2458812	2072335	33.90%	3.442%
23	11.436	814	818	822	rVB5	45461	89494	1.46%	0.149%
24	11.676	837	839	842	rVB	184020	152857	2.50%	0.254%
25	11.905	858	859	864	rBV3	149197	215813	3.53%	0.358%
26	12.088	870	875	877	rBV	68692	120419	1.97%	0.200%
27	12.477	906	909	916	rVB	29255	64604	1.06%	0.107%
28	12.785	934	936	938	rVB	81530	74998	1.23%	0.125%
29	12.957	948	951	953	rBV	5687324	5297549	86.66%	8.799%
30	13.871	1028	1031	1040	rBV	429852	1098008	17.96%	1.824%
31	13.997	1040	1042	1045	rVB	2083563	2182910	35.71%	3.626%
32	14.865	1115	1118	1120	rBV	83358	91357	1.49%	0.152%
33	15.425	1164	1167	1170	rBV	1488306	1725662	28.23%	2.866%
34	16.008	1212	1218	1224	rBV5	43870	191482	3.13%	0.318%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-4(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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

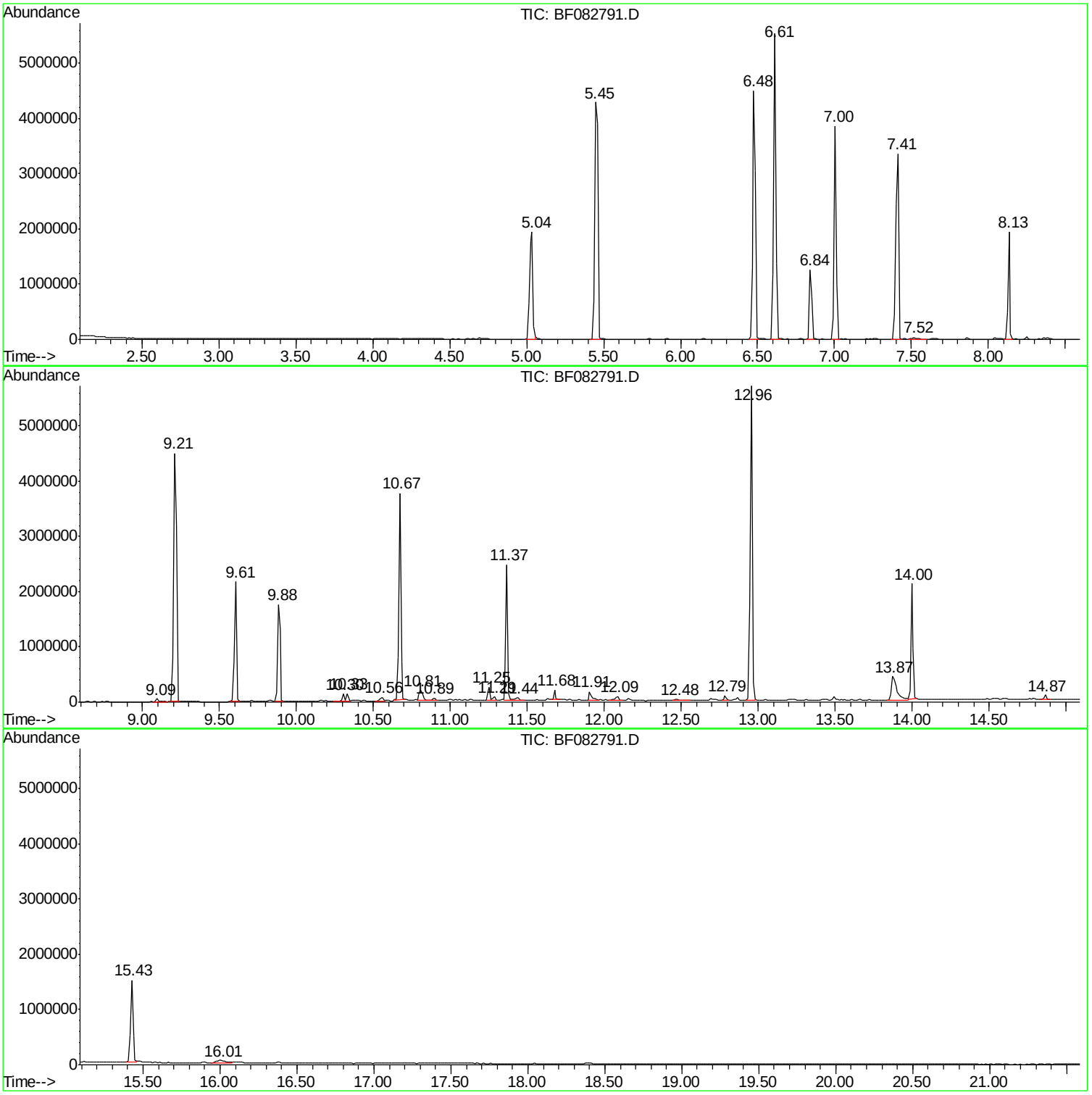
Sum of corrected areas: 60205682

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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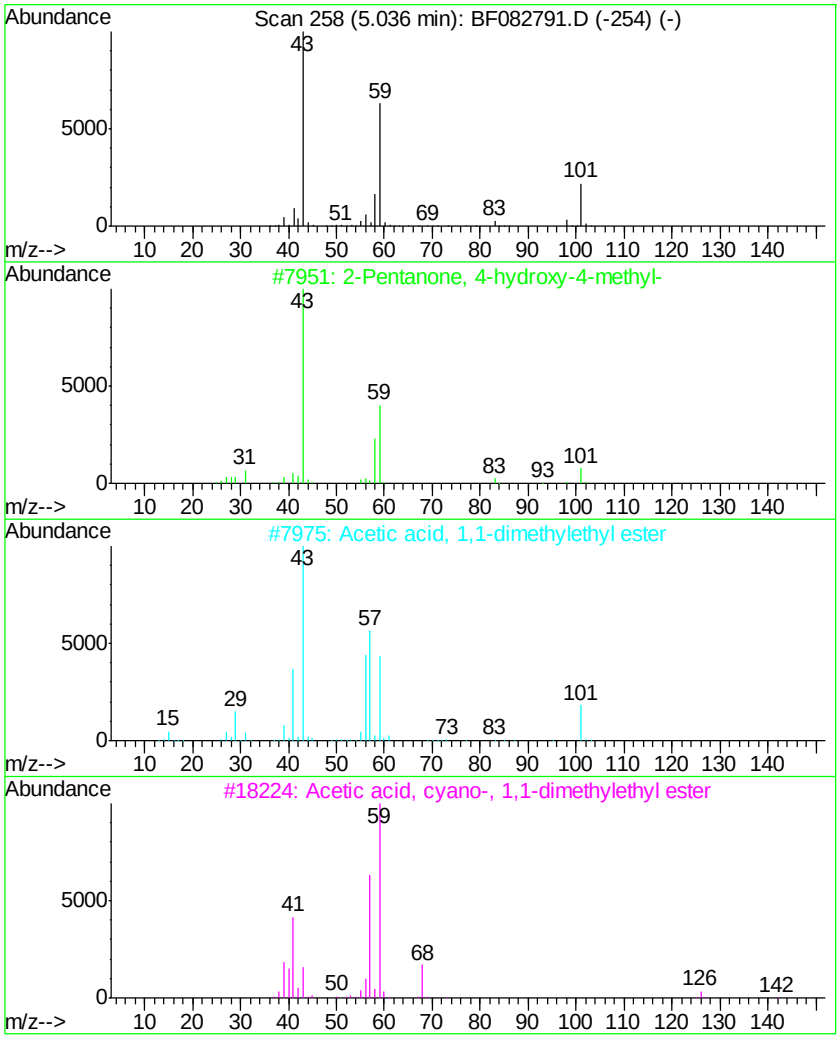
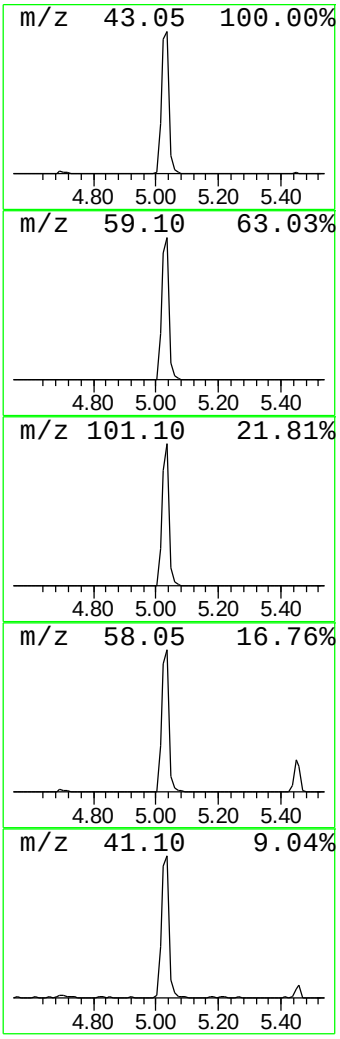
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	45.25 ng	3192550	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

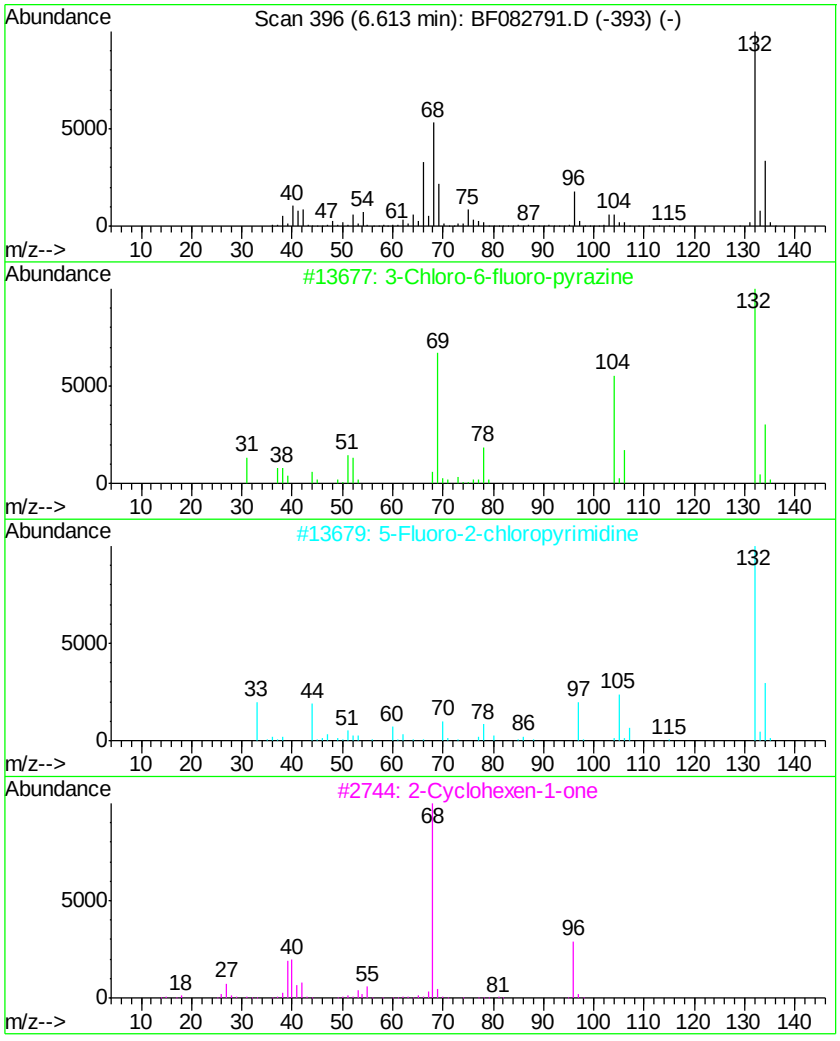
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

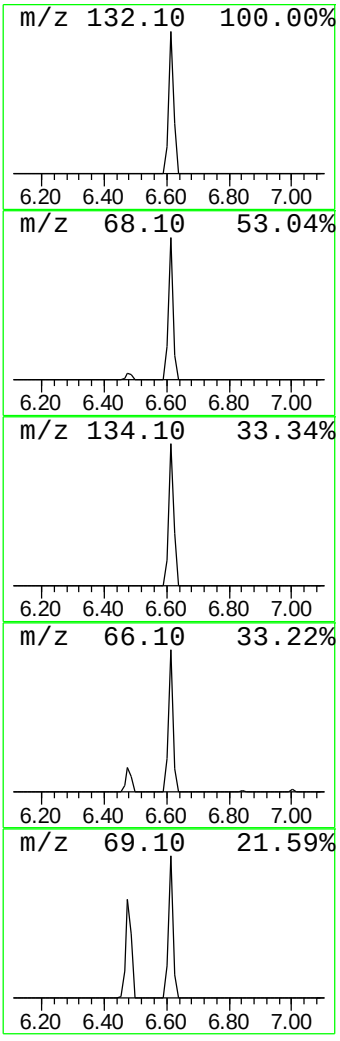
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	78.76 ng	5556490	1,4-Dichlorobenzene-d4	6.84

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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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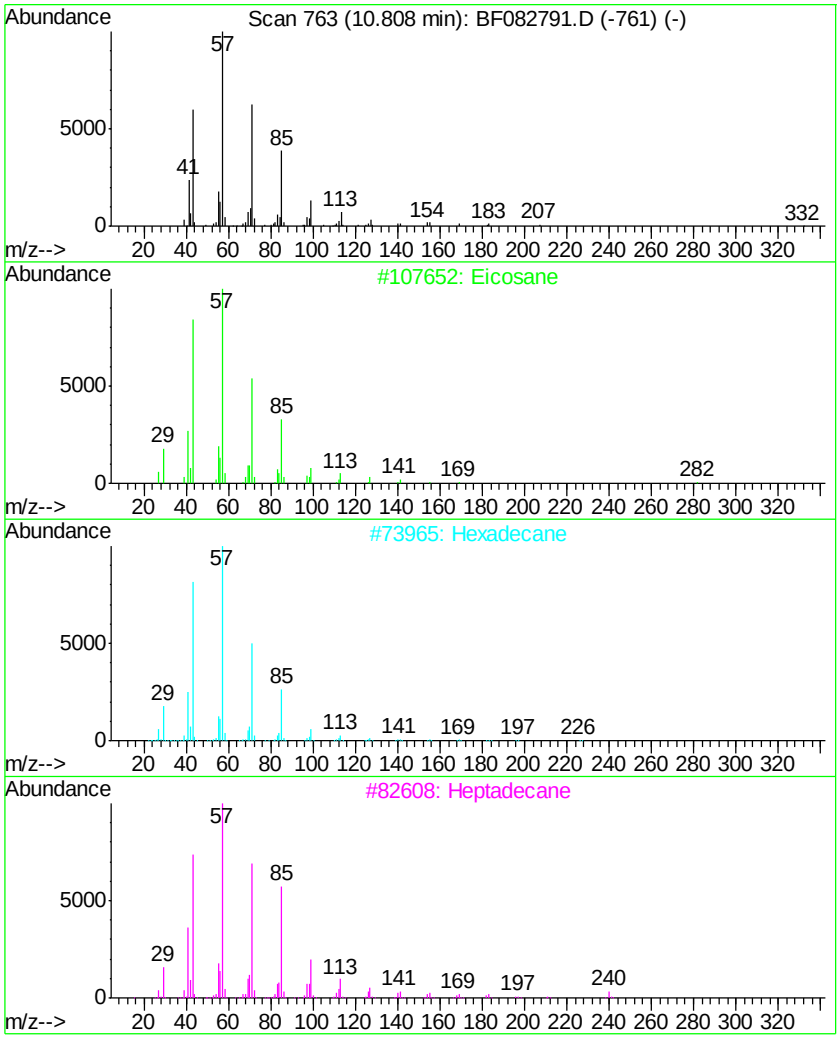
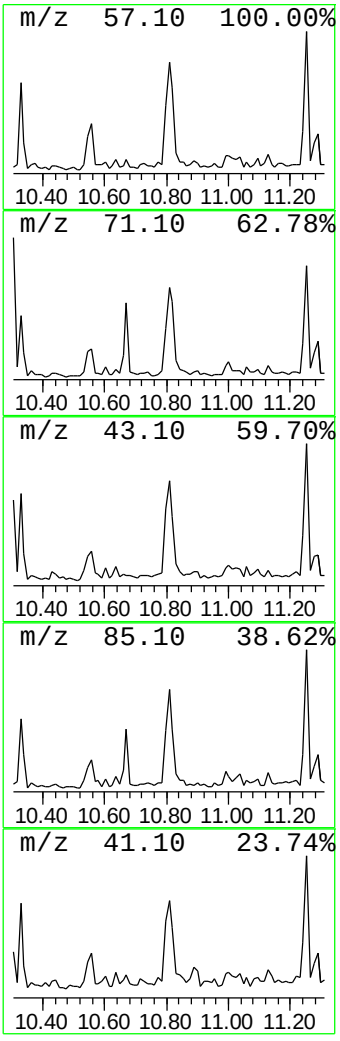
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	3.05 ng	315610	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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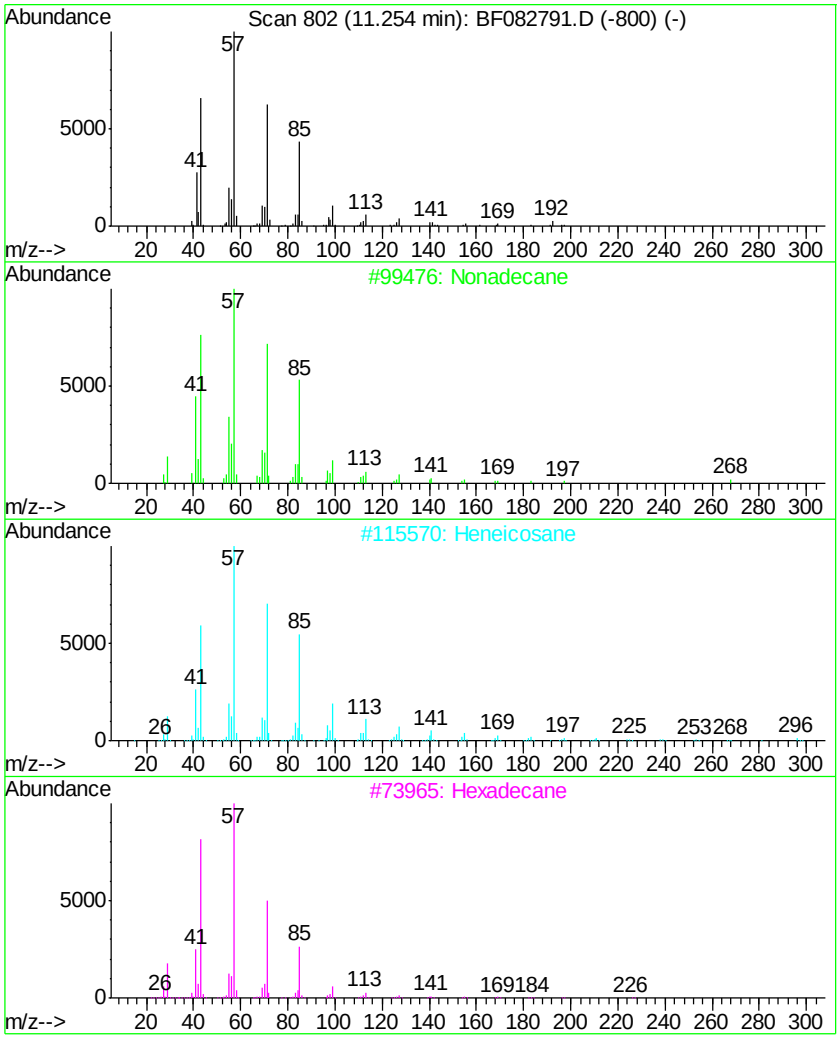
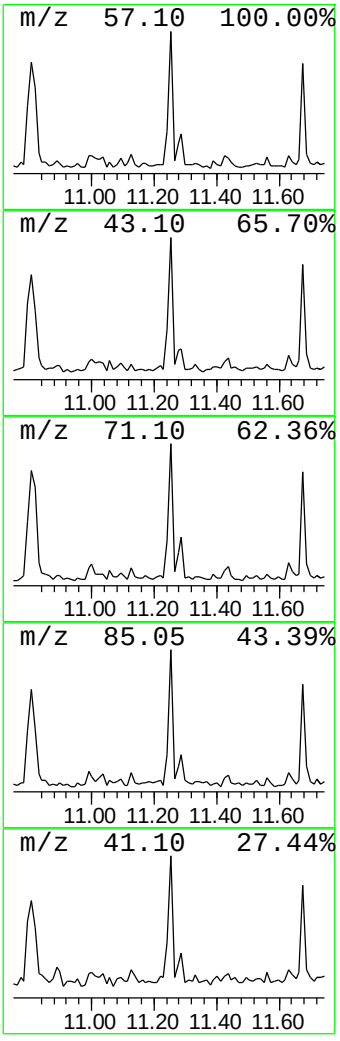
Peak Number 5 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.12 ng	219535	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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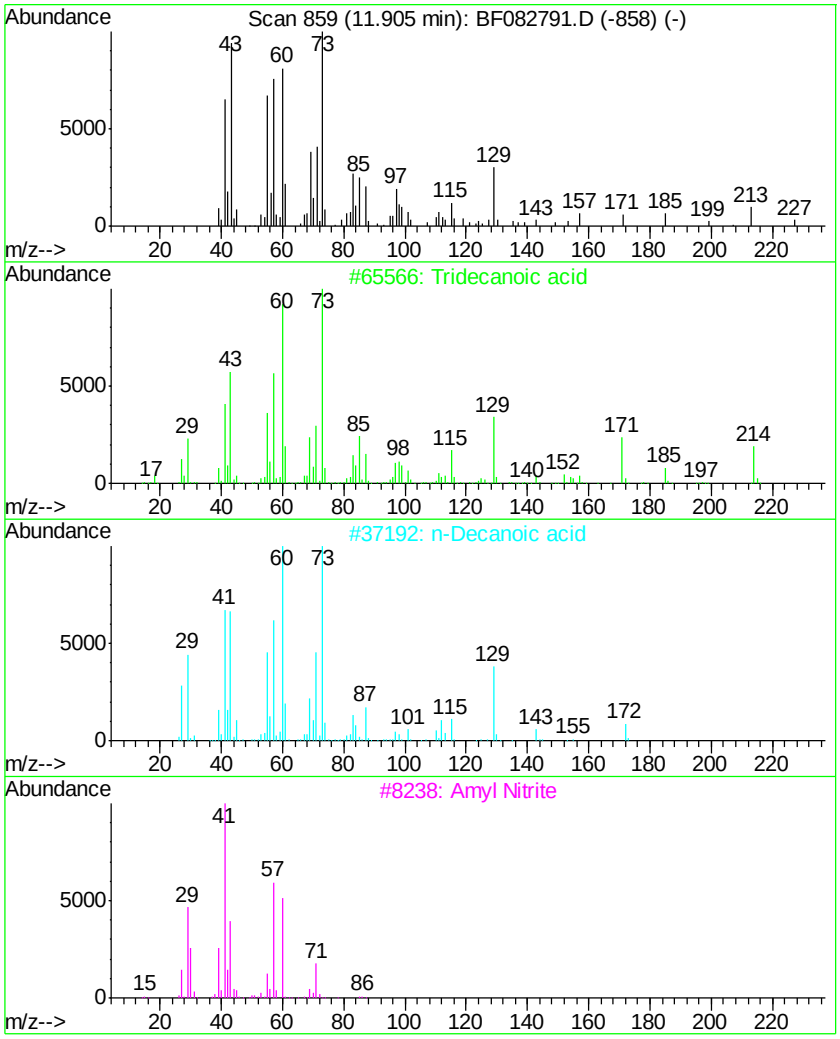
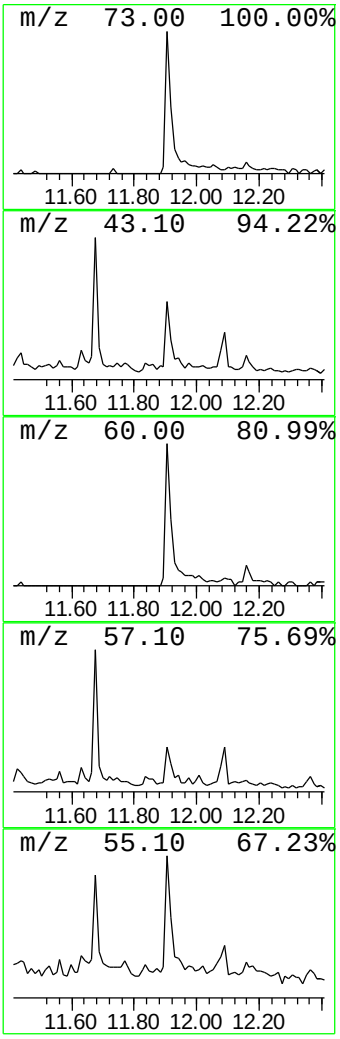
Peak Number 6 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.08 ng	215813	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	59
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Amyl Nitrite	117	C5H11NO2	000110-46-3	22
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14
5	Undecane	156	C11H24	001120-21-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

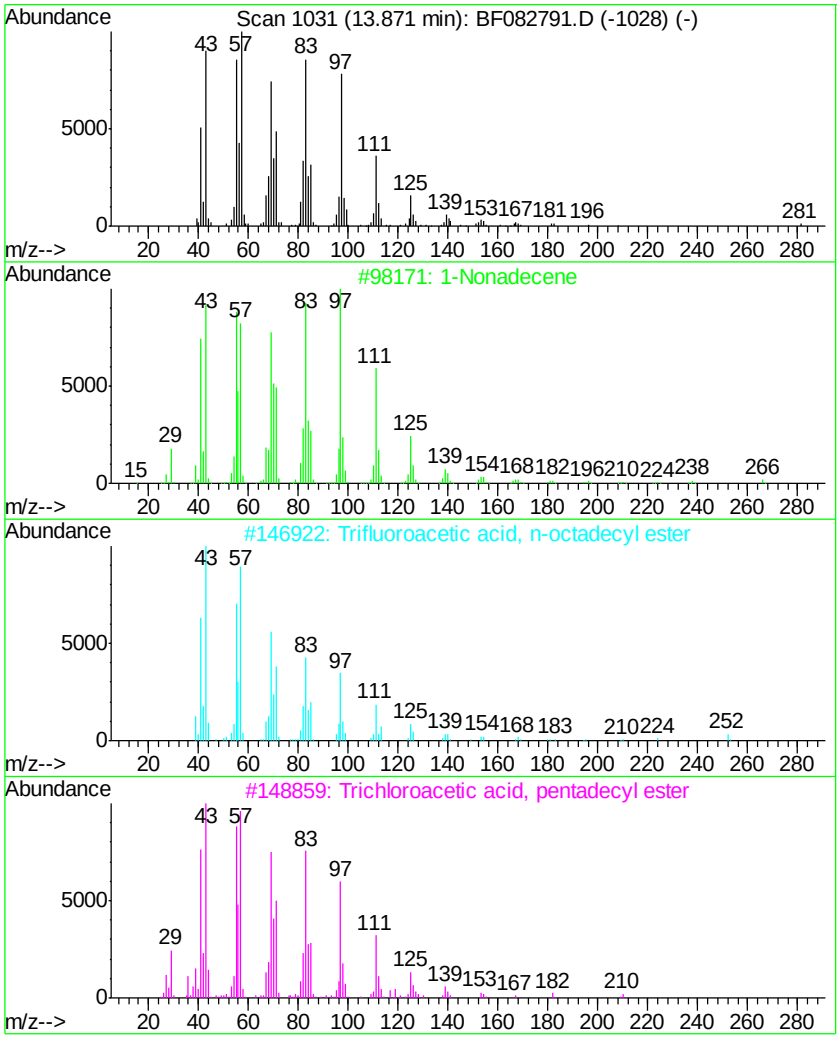
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

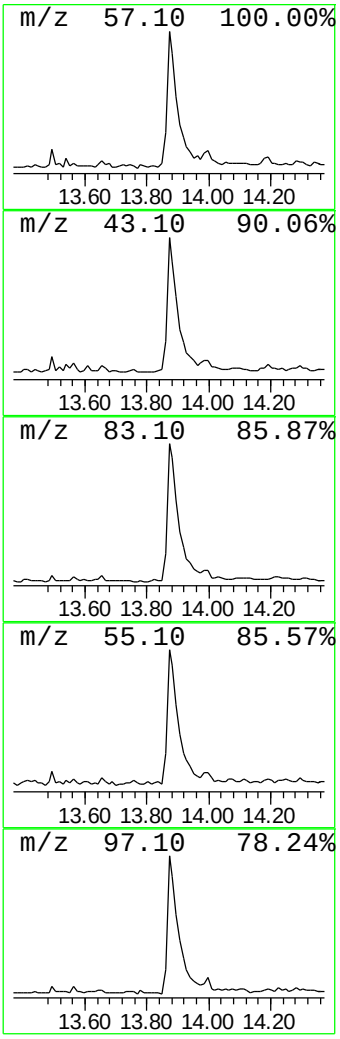
****

Peak Number 7 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.06 ng	1098010	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

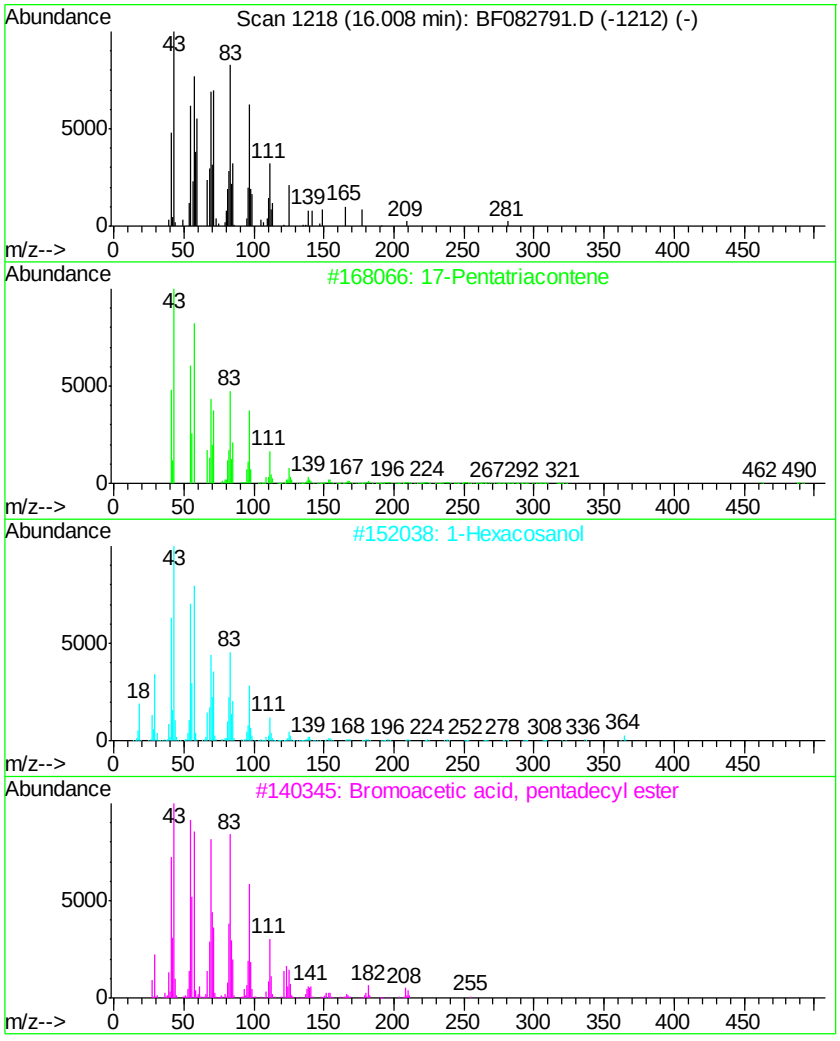
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

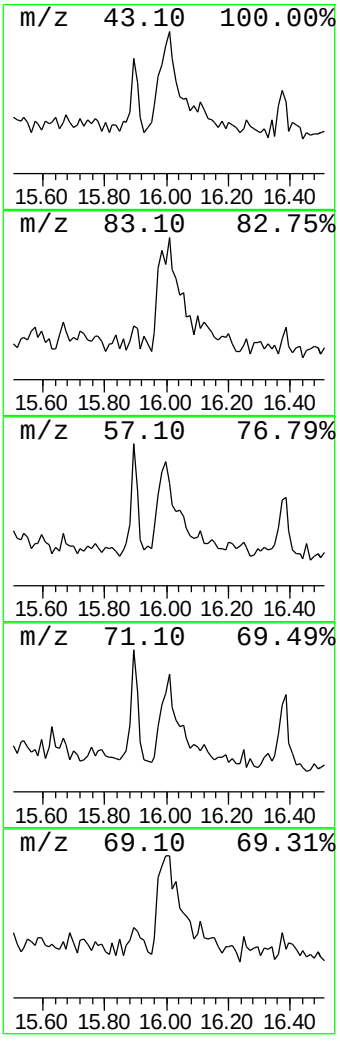
****

Peak Number 8 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.22 ng	191482	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	76
2	1-Hexacosanol	382	C26H54O	000506-52-5	50
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	49
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	49
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082791.D
Acq On : 7 Nov 2015 5:42
Operator : UM/IZ
Sample : G4258-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	5.04	45.3	ng	3192550	1	6.84	1410970	20.0
unknown6.61	6.61	78.8	ng	5556490	1	6.84	1410970	20.0
Eicosane	10.81	3.0	ng	315610	4	11.37	2072340	20.0
Nonadecane	11.25	2.1	ng	219535	4	11.37	2072340	20.0
Tridecanoic acid	11.91	2.1	ng	215813	4	11.37	2072340	20.0
1-Nonadecene	13.87	10.1	ng	1098010	5	14.00	2182910	20.0
17-Pentatriacontene	16.01	2.2	ng	191482	6	15.43	1725660	20.0