LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

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-BF103015.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	5.047	256	259	265	rBV	1399012	2409484	44.65%	5.216%
2	5.470	293	296	299	rBV	4155271	4472779	82.89%	9.682%
3	6.499	383	386	388	rBV	4551250	4845922	89.81%	10.490%
4	6.636	395	398	400	rBV	5344403	5395865	100.00%	11.681%
5	6.864	415	418	420	rBV	1277384	1039813	19.27%	2.251%
6	7.024	429	432	434	rBV	4505264	4095078	75.89%	8.865%
7	7.425	464	467	470	rBV	2851626	3021987	56.01%	6.542%
8	8.145	528	530	533	rBV	966396	1225325	22.71%	2.653%
9	9.230	622	625	627	rBV	5933952	5339122	98.95%	11.558%
10	9.619	657	659	661	rBV	976163	795640	14.75%	1.722%
11	9.905	681	684	686	rBV	1674653	1434938	26.59%	3.106%
12	10.351	721	723	724	rVB	76824	68000	1.26%	0.147%
13	10.693	750	753	755	rBV	3254681	3442127	63.79%	7.451%
14	10.819	762	764	769	rVB	120530	133541	2.47%	0.289%
15	11.265	801	803	805	rBV	100409	84476	1.57%	0.183%
16	11.379	811	813	816	rVB	969702	1267044	23.48%	2.743%
17	11.928	859	861	863	rBV	170272	204118	3.78%	0.442%
18	12.979	950	953	955	rBV	3352550	4333799	80.32%	9.382%
19	13.871	1029	1031	1041	rBV	226391	326641	6.05%	0.707%
20	14.019	1041	1044	1046	rBV	1062009	1007223	18.67%	2.180%
21	14.785	1109	1111	1115	rBV2	56175	93414	1.73%	0.202%
22	15.448	1166	1169	1172	rBV	748719	926042	17.16%	2.005%
23	16.408	1248	1253	1260	rBV4	30848	85630	1.59%	0.185%
24	18.431	1424	1430	1438	rVB6	18518	83274	1.54%	0.180%
25	20.546	1609	1615	1619	rBV4	15494	63343	1.17%	0.137%

Sum of corrected areas: 46194625

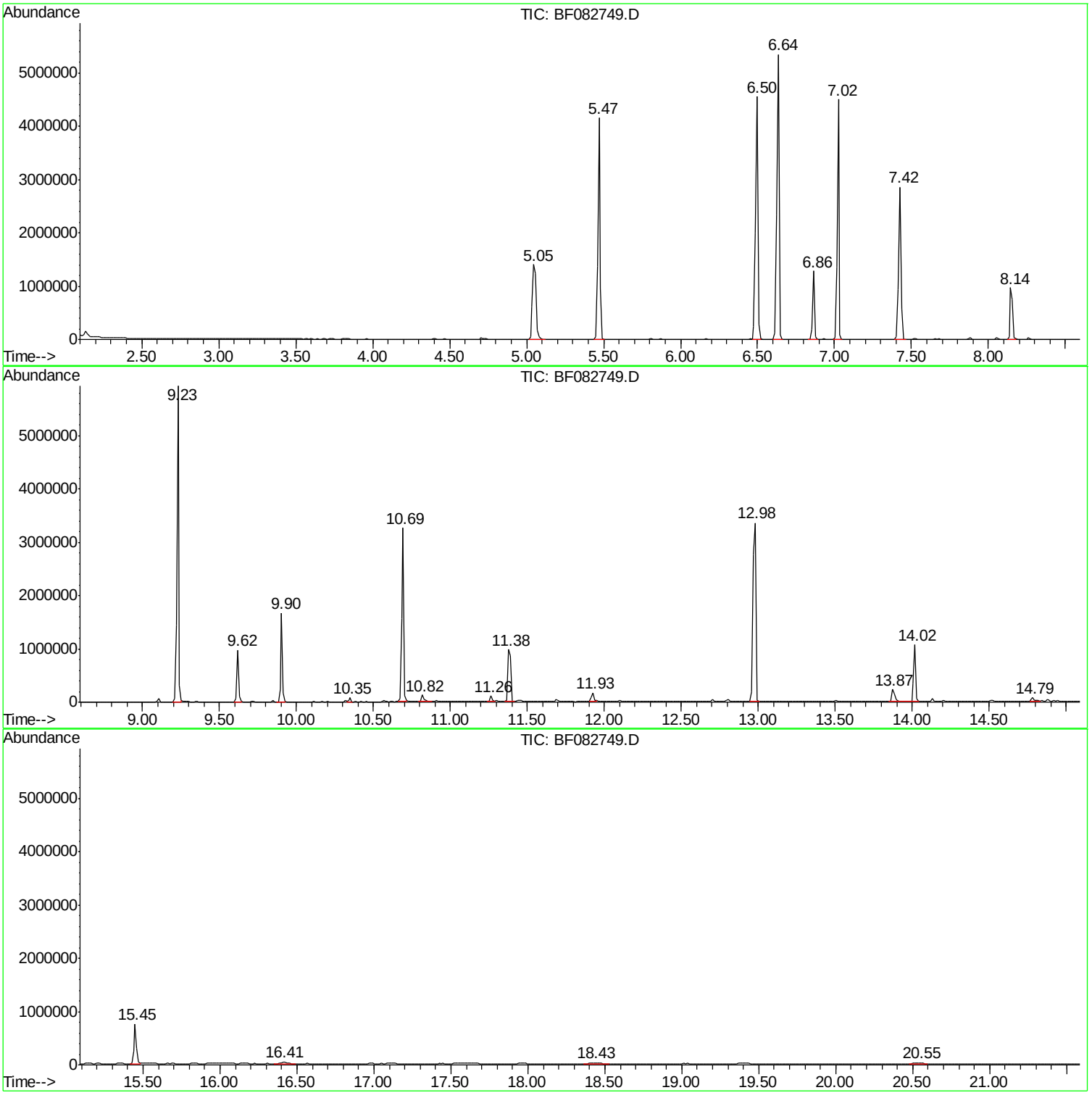
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

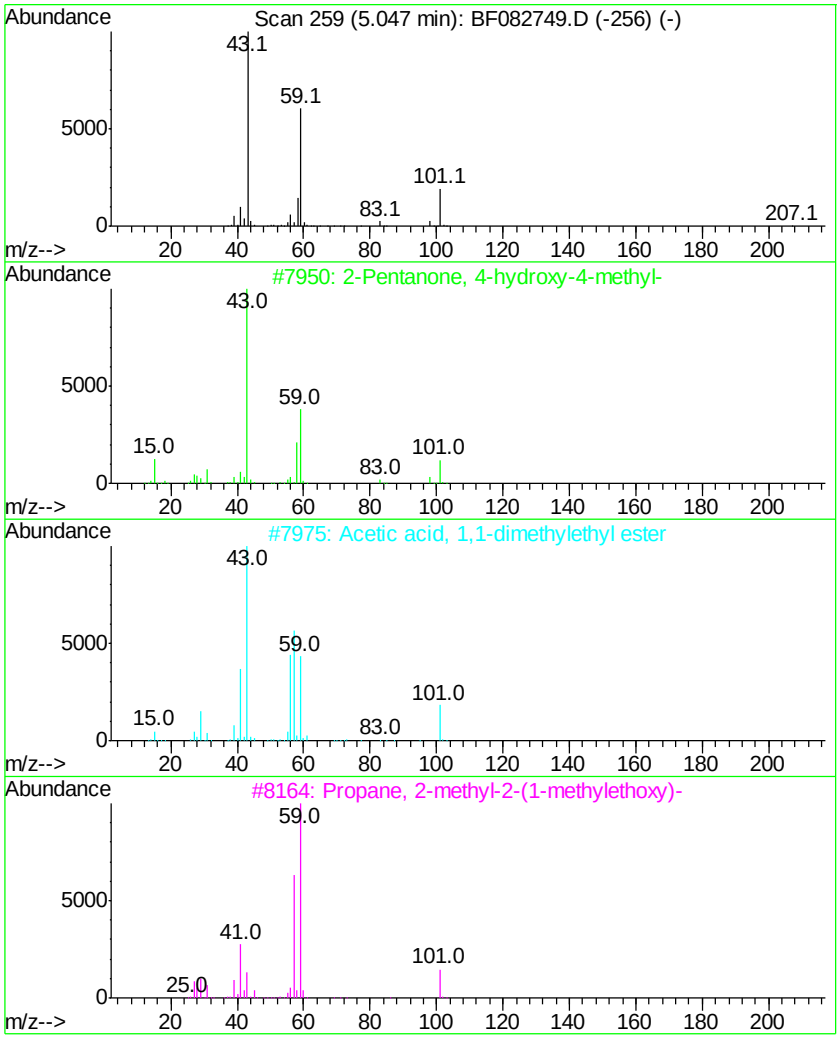
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

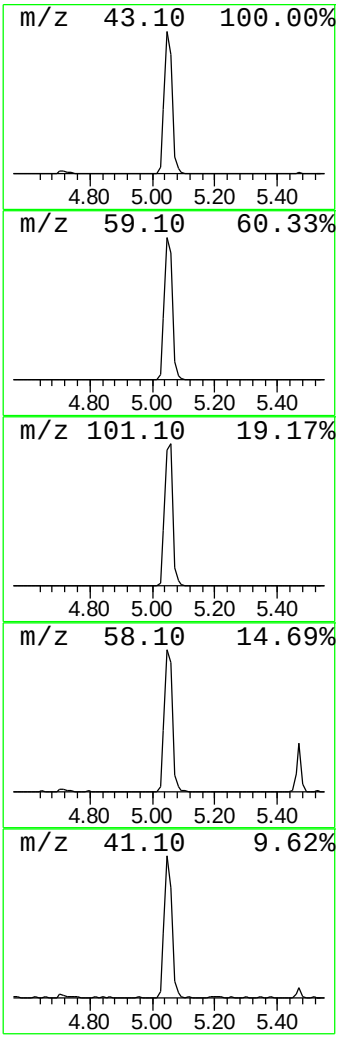
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	46.34 ng	2409480	1,4-Dichlorobenzene-d4	6.86

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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

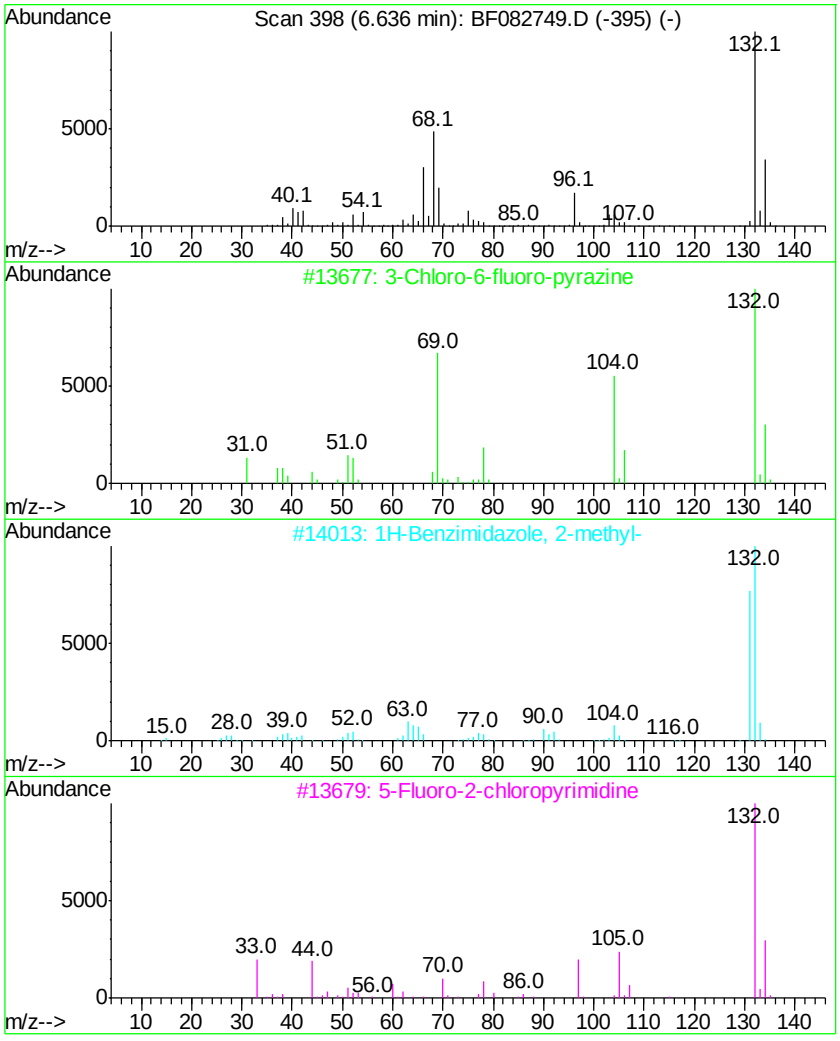
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

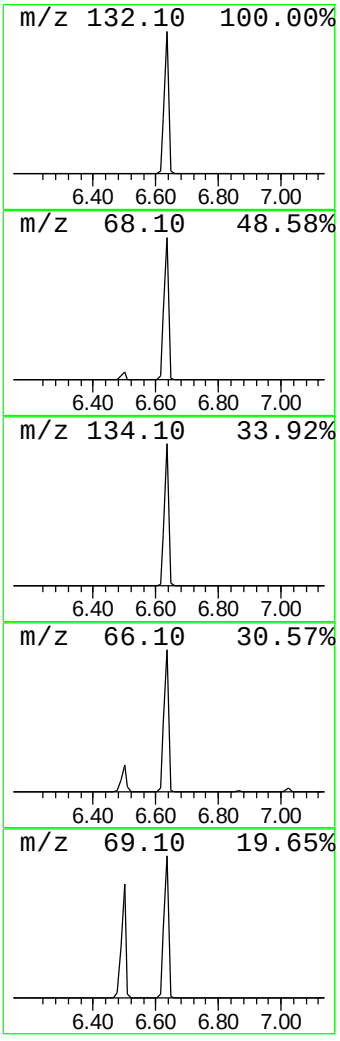
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	103.79 ng	5395870	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

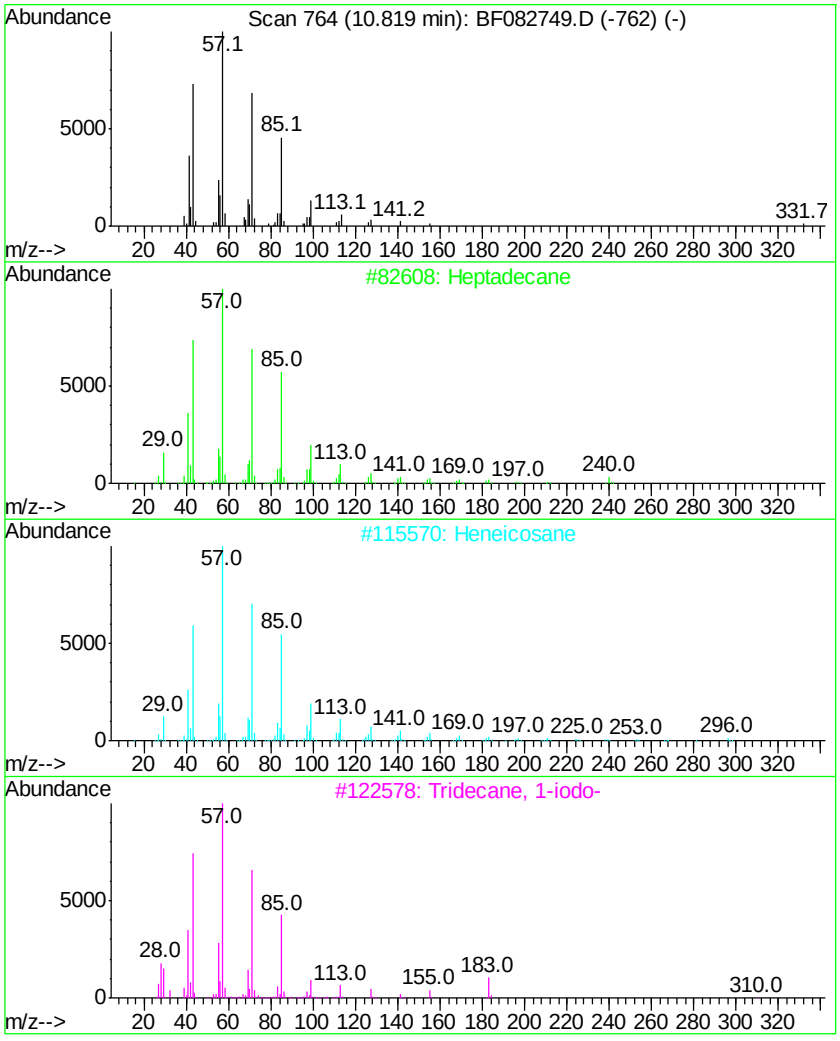
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

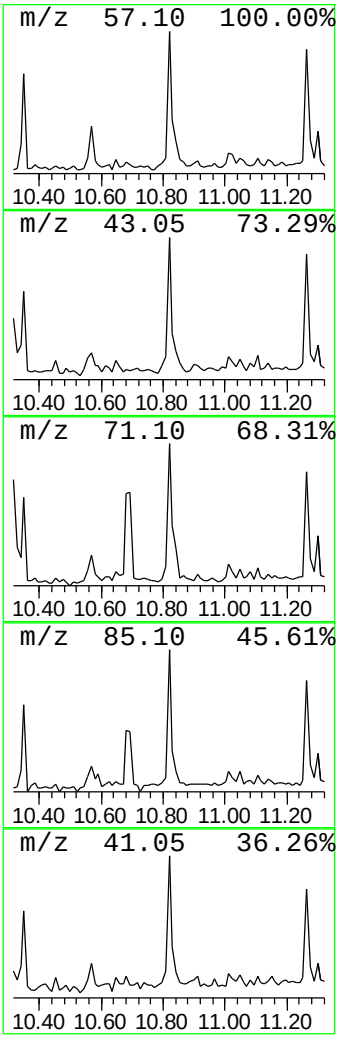
****

Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.11 ng	133541	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

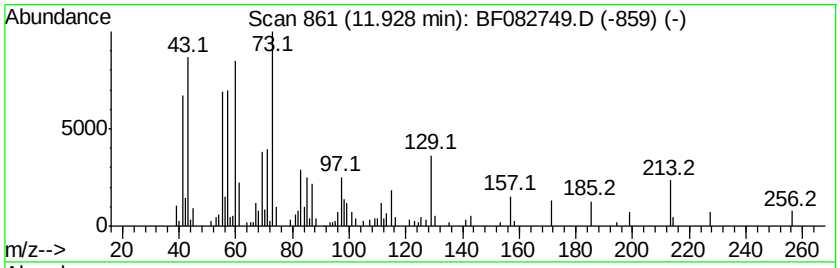
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

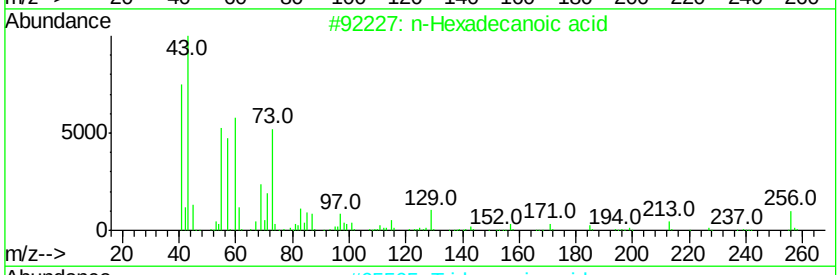
****

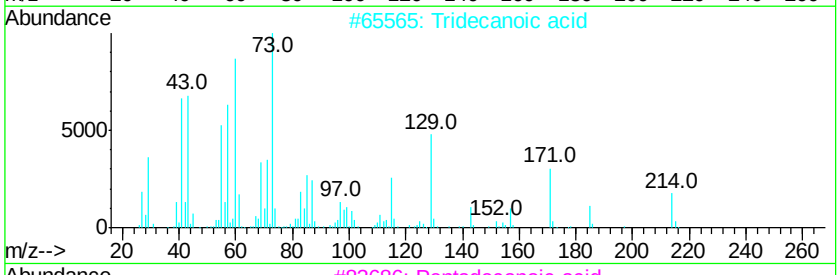
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

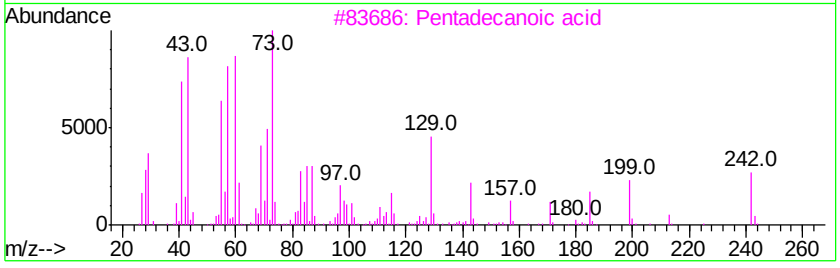
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.22 ng	204118	Phenanthrene-d10	11.39

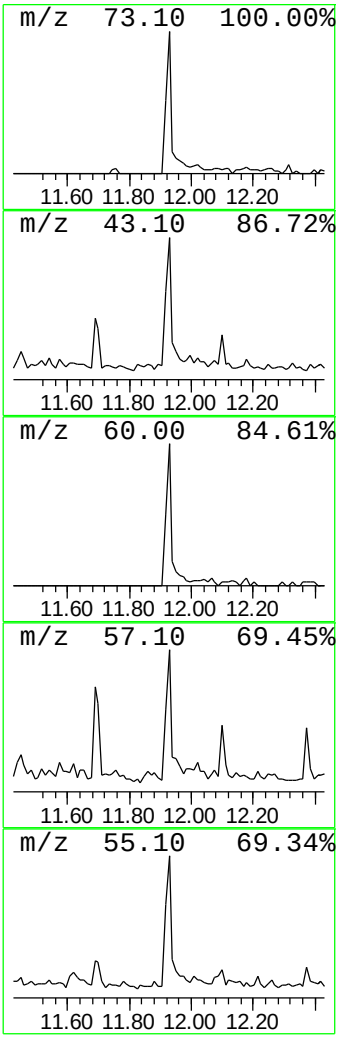
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecane	184	C13H28	000629-50-5	11











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

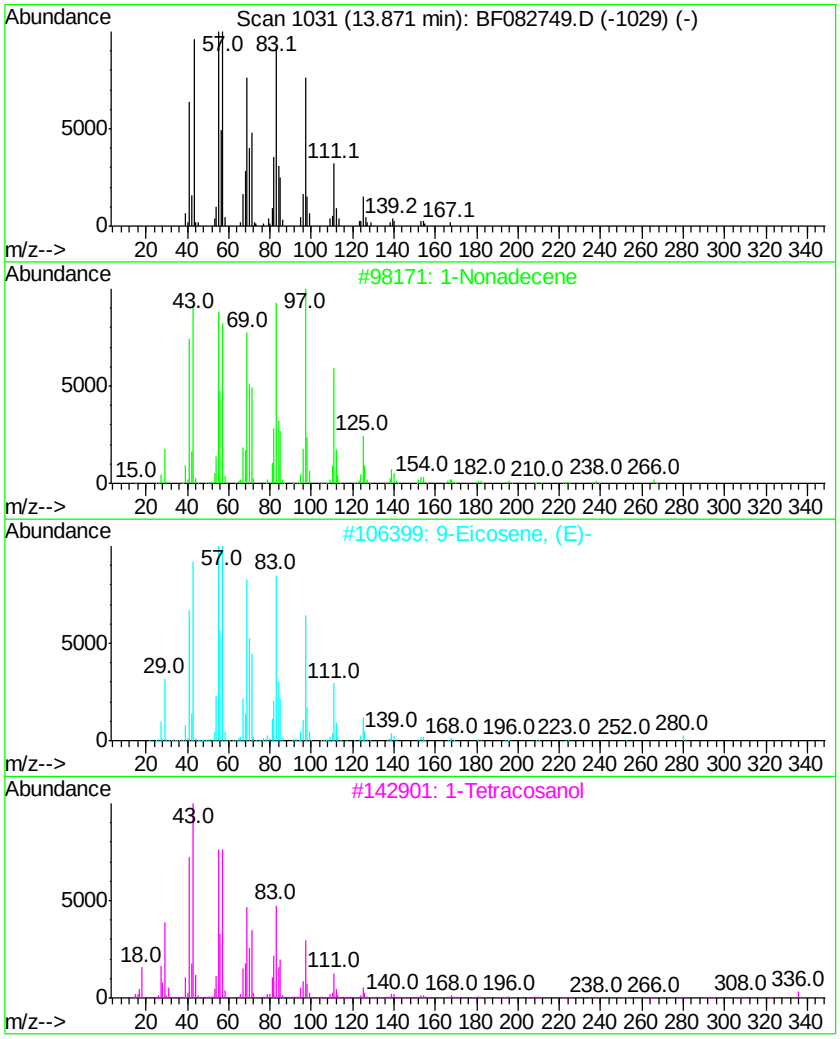
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

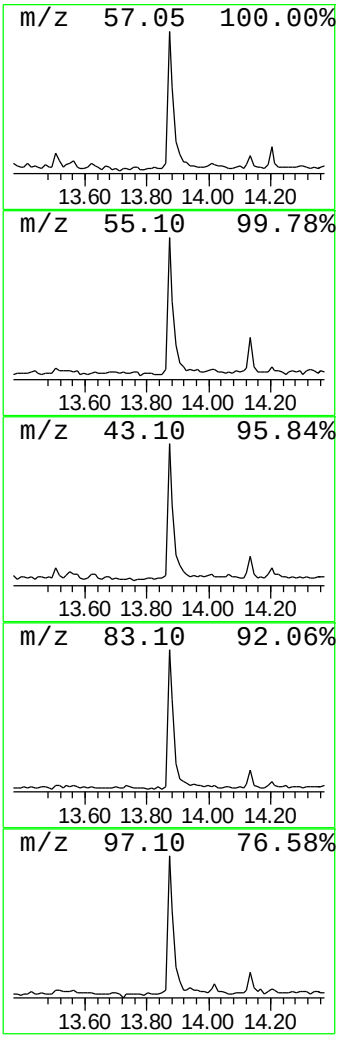
****

Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.49 ng	326641	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	83
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

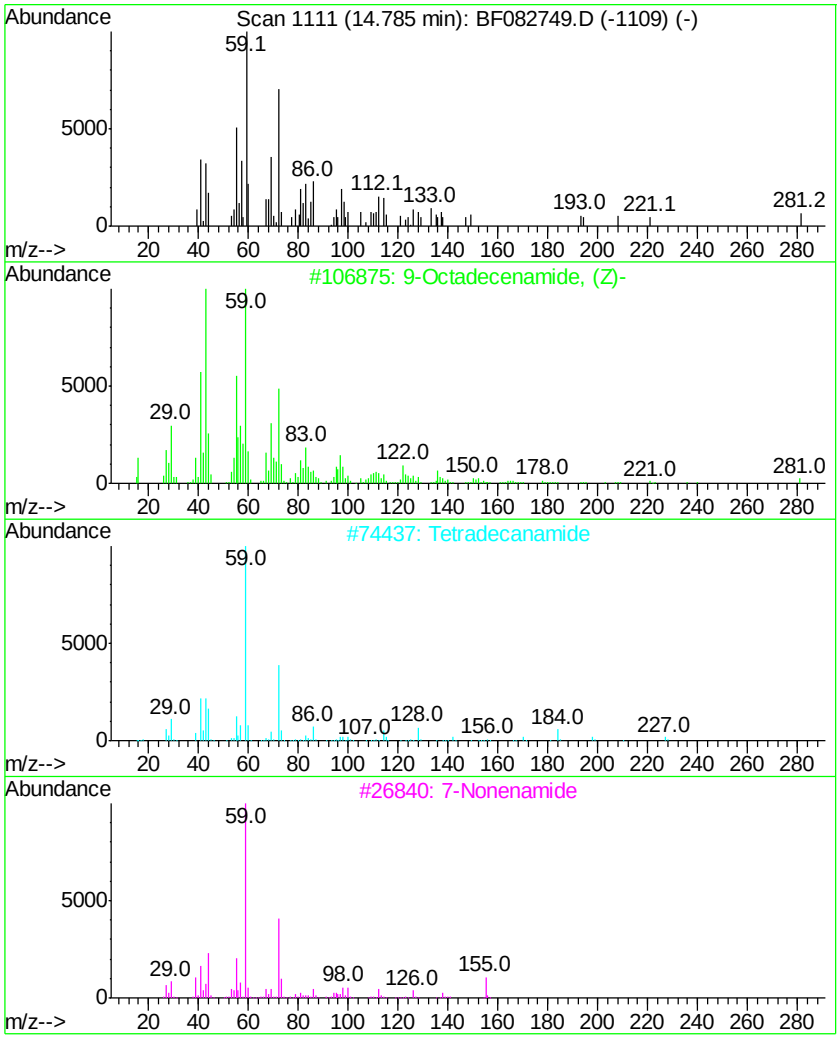
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

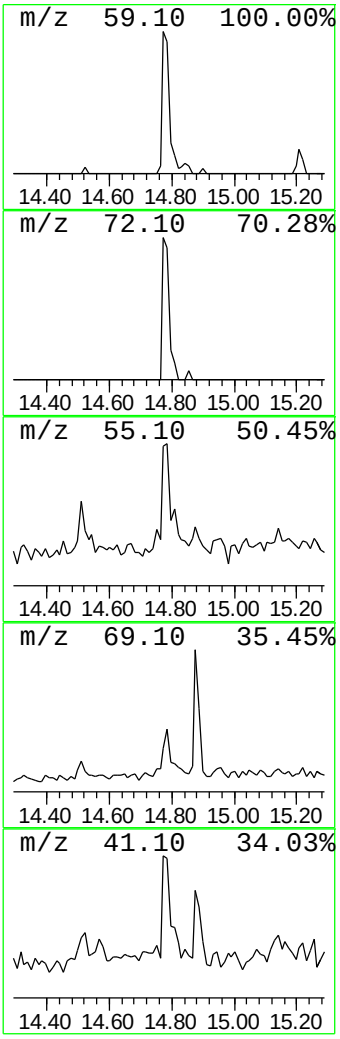
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.02 ng	93414	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
2	Tetradecanamide	227	C14H29NO	000638-58-4	53
3	7-Nonenamide	155	C9H17NO	090949-53-4	38
4	9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	32
5	Cyclohexanone, 4-hydroxy-	114	C6H10O2	013482-22-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082749.D
Acq On : 6 Nov 2015 3:34
Operator : UM/IZ
Sample : G4282-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OCFSW1-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.05	46.3	ng	2409480	1	6.86	1039810	20.0
unknown6.64	6.64	103.8	ng	5395870	1	6.86	1039810	20.0
Heptadecane	10.82	2.1	ng	133541	4	11.39	1267040	20.0
n-Hexadecanoic acid	11.93	3.2	ng	204118	4	11.39	1267040	20.0
1-Nonadecene	13.87	6.5	ng	326641	5	14.02	1007220	20.0
9-Octadecenamide,...	14.79	2.0	ng	93414	6	15.45	926042	20.0