LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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	255	259	268	rVB	1576095	2290282	40.19%	4.338%
2	5.470	293	296	298	rBV	4561406	4530440	79.51%	8.581%
3	6.499	383	386	388	rBV	4605822	5344618	93.80%	10.123%
4	6.636	395	398	400	rBV	3997808	5036222	88.38%	9.539%
5	6.864	416	418	420	rBV	1371155	1201524	21.09%	2.276%
6	7.025	429	432	434	rVB	3679618	3813141	66.92%	7.222%
7	7.425	464	467	469	rBV	3239782	3166812	55.58%	5.998%
8	8.145	528	530	533	rBV	1393035	1479295	25.96%	2.802%
9	9.105	612	614	616	rBV	98701	83866	1.47%	0.159%
10	9.230	622	625	627	rBV	5917420	5698133	100.00%	10.792%
11	9.619	657	659	661	rBV	1155848	956728	16.79%	1.812%
12	9.905	681	684	686	rBV	2091764	1897195	33.30%	3.593%
13	10.316	716	720	722	rBV	123105	206805	3.63%	0.392%
14	10.351	722	723	724	rVB	116692	80884	1.42%	0.153%
15	10.568	739	742	745	rBV	61177	89276	1.57%	0.169%
16	10.693	750	753	755	rBV	3137965	3823244	67.10%	7.241%
17	10.819	762	764	769	rVB	176588	216166	3.79%	0.409%
18	11.265	801	803	805	rBV	155938	135193	2.37%	0.256%
19	11.379	811	813	816	rVB2	1576712	1787946	31.38%	3.386%
20	11.448	816	819	821	rVB2	32081	61082	1.07%	0.116%
21	11.619	832	834	836	rBV	59512	66887	1.17%	0.127%
22	11.688	838	840	843	rBV	79712	92175	1.62%	0.175%
23	11.916	858	860	865	rBV3	308326	462430	8.12%	0.876%
24	12.099	874	876	878	rVB	78426	65202	1.14%	0.123%
25	12.705	927	929	933	rBV	122879	128837	2.26%	0.244%
26	12.968	950	952	955	rVB	4062889	5264905	92.40%	9.972%
27	13.448	989	994	998	rBV	96346	156960	2.75%	0.297%
28	13.871	1029	1031	1039	rBV2	768329	904321	15.87%	1.713%
29	14.020	1041	1044	1046	rBV	2016819	1912069	33.56%	3.621%
30	14.202	1057	1060	1063	rBV	39752	59864	1.05%	0.113%
31	14.522	1085	1088	1090	rBV	60587	94806	1.66%	0.180%
32	14.888	1118	1120	1122	rVB	94454	113920	2.00%	0.216%
33	15.460	1167	1170	1173	rBV	1171567	1344068	23.59%	2.546%
34	15.985	1214	1216	1220	rBV	90368	159984	2.81%	0.303%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

35	17.083	1309	1312	1317	rBV6	21450	73092	1.28%	0.138%

Sum of corrected areas: 52798372

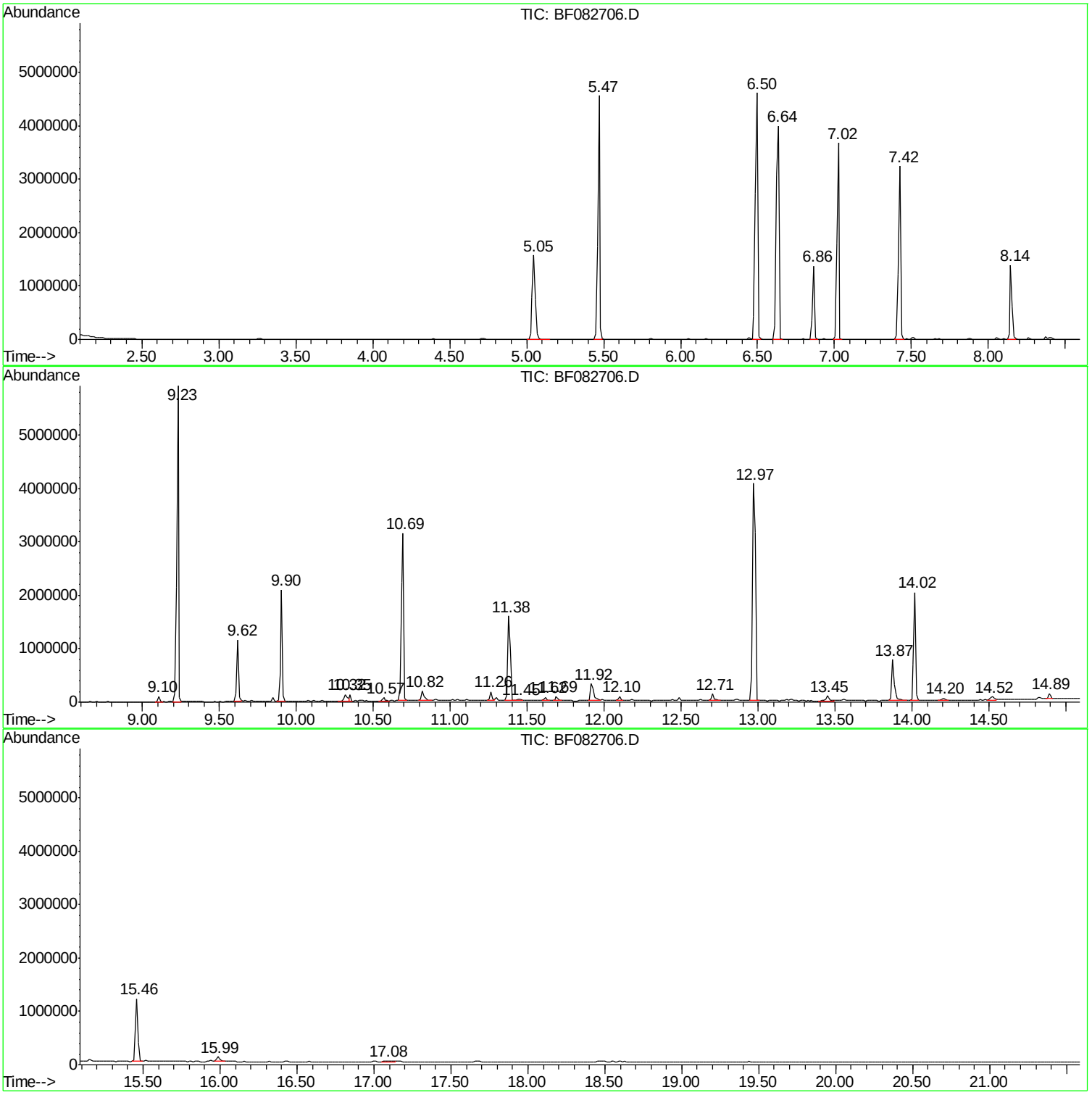
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

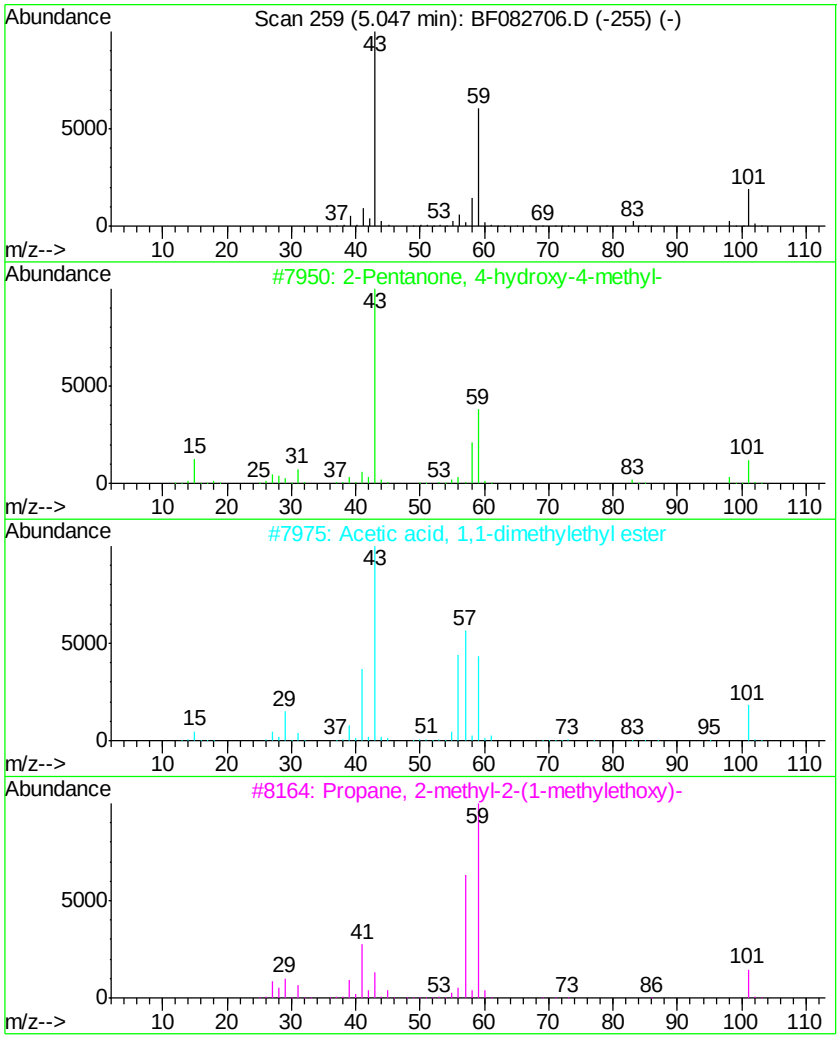
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

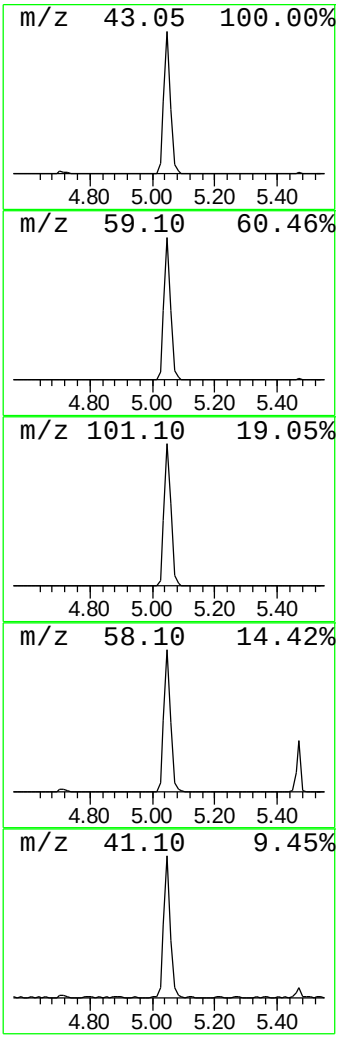
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	38.12 ng	2290280	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	28
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\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

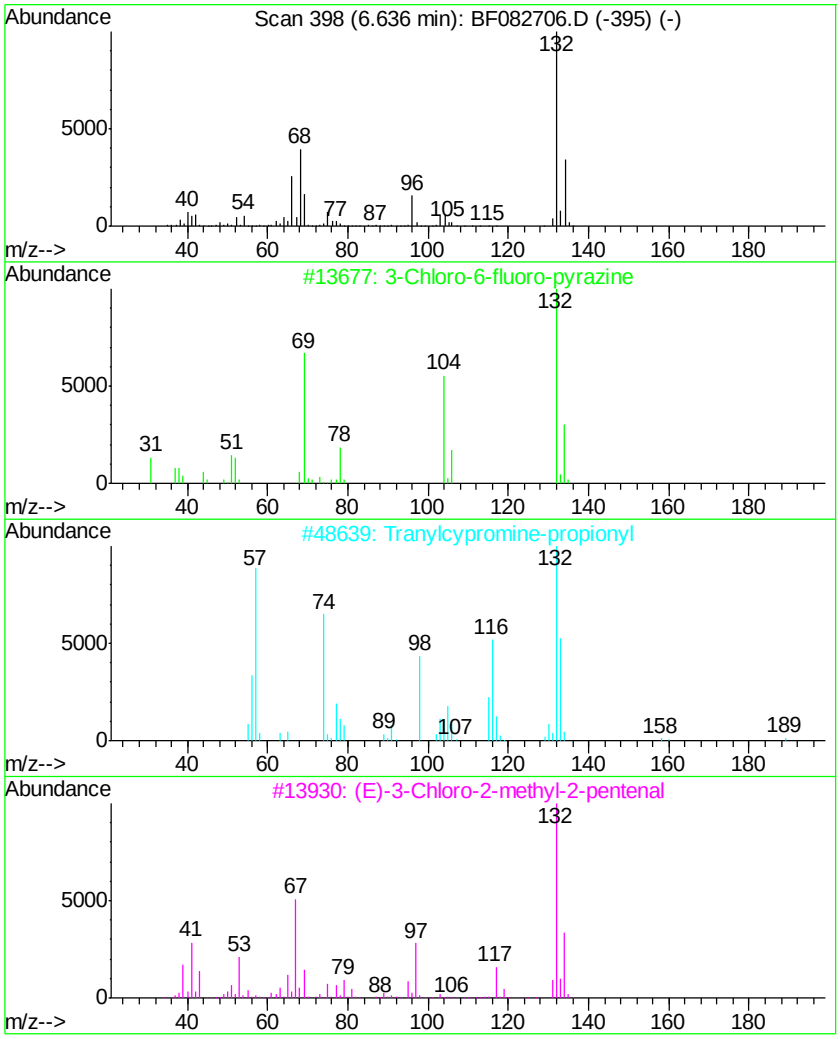
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

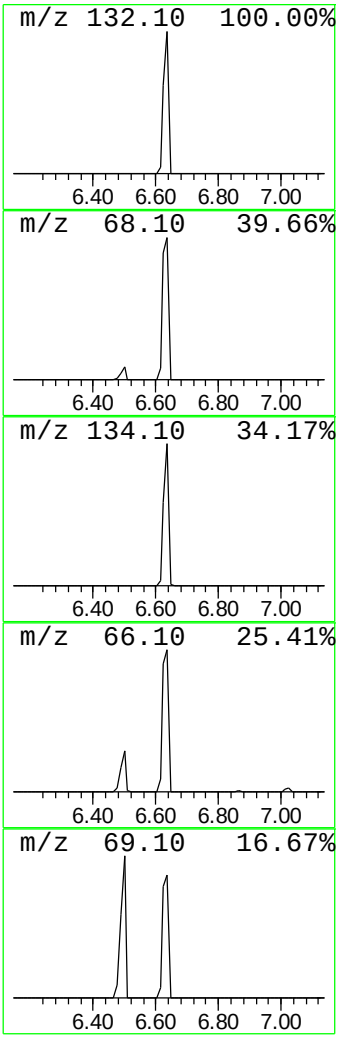
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	83.83 ng	5036220	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

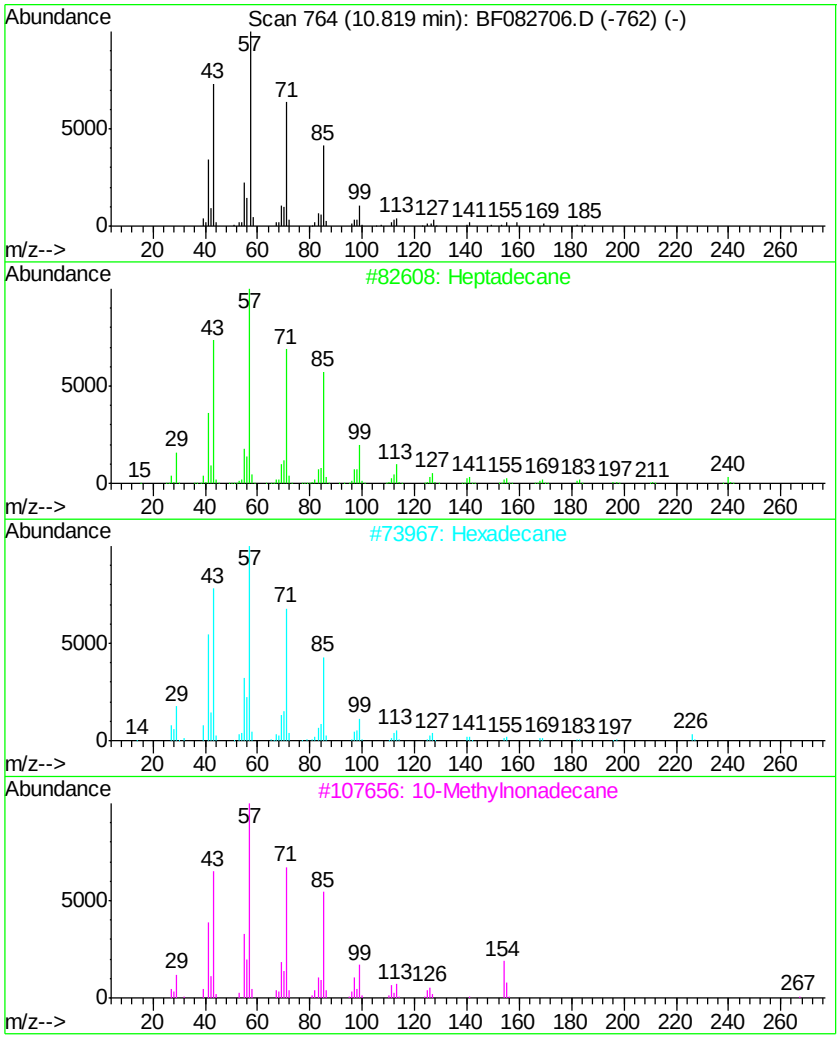
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

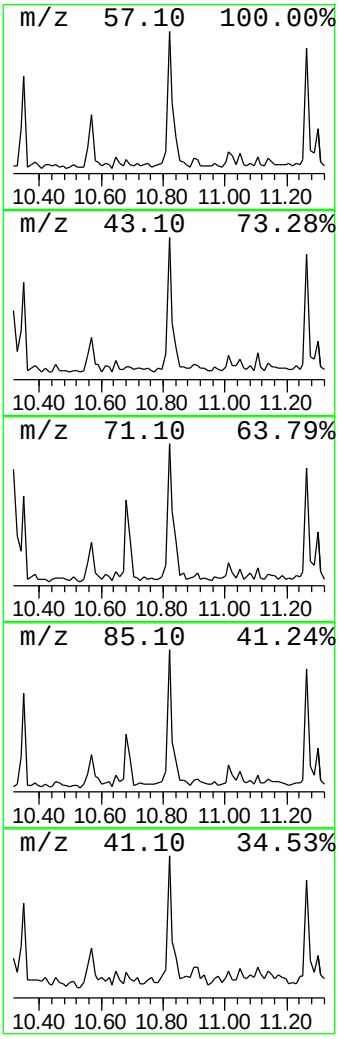
****

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.42 ng	216166	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

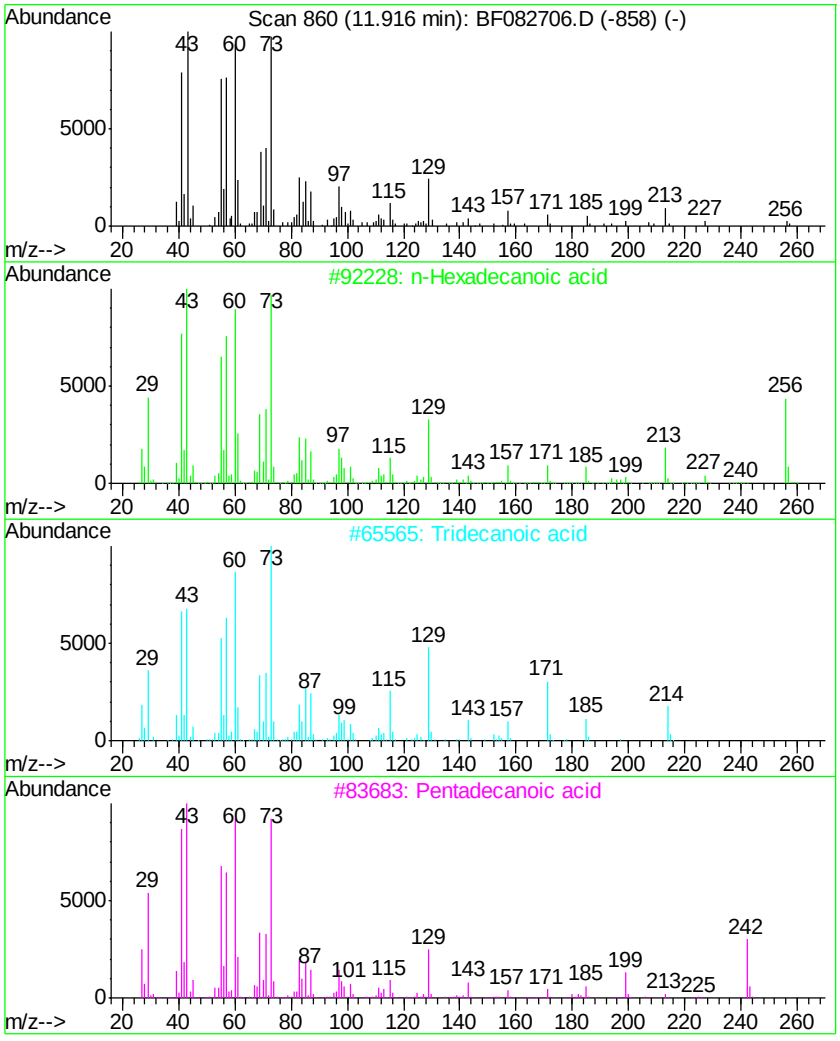
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

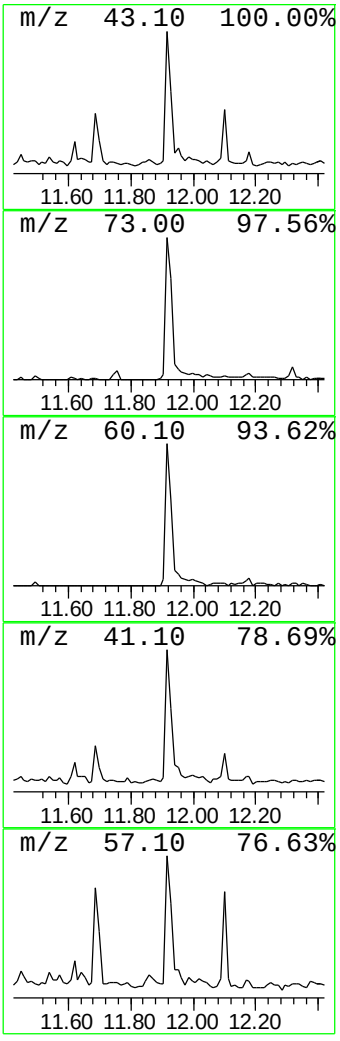
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.17 ng	462430	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Octane, 2-methyl-	128	C9H20	003221-61-2	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

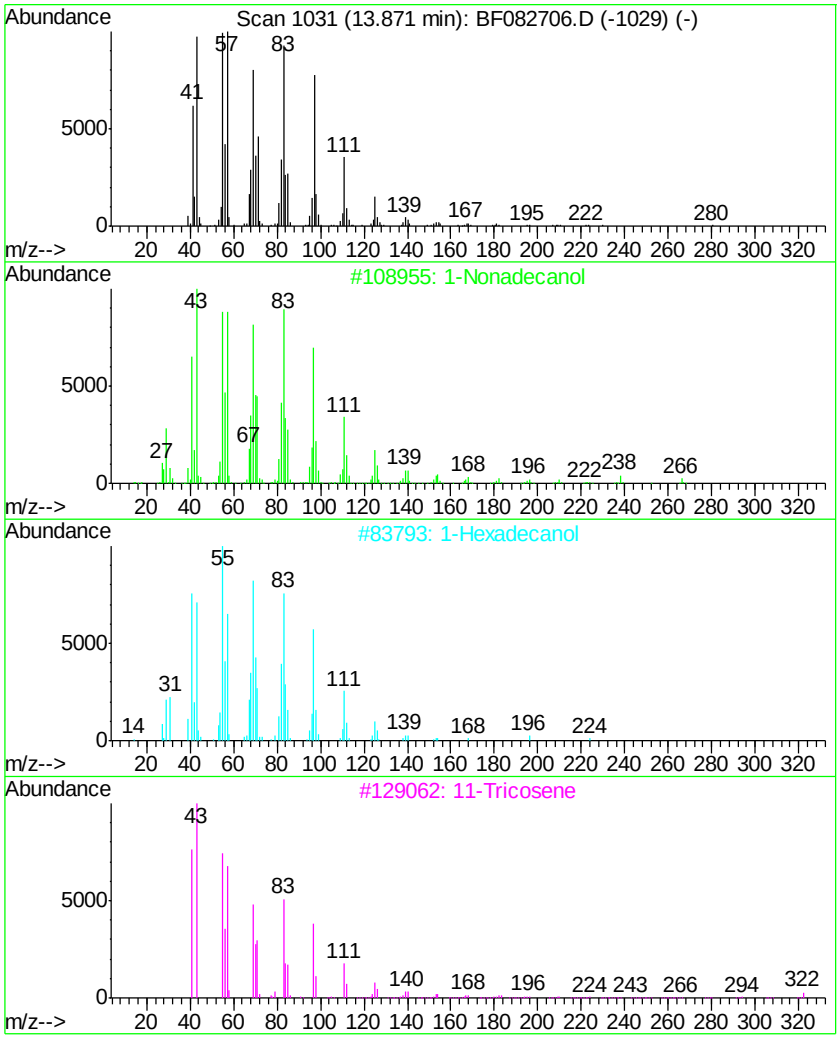
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

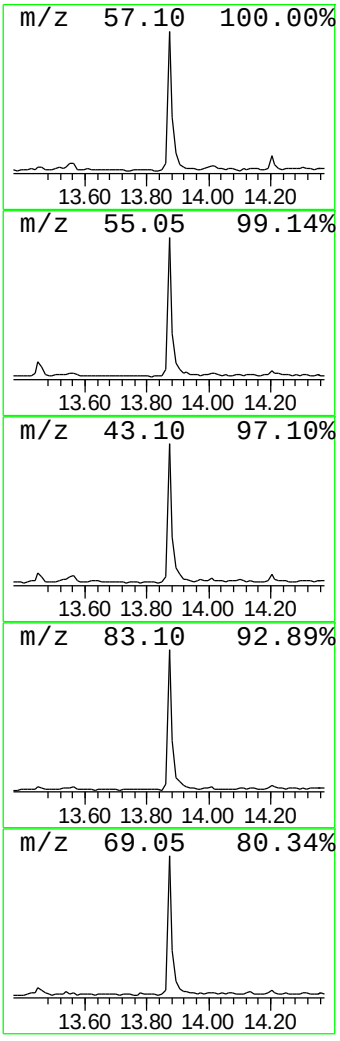
****

Peak Number 7 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.46 ng	904321	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	90
3	11-Tricosene	322	C23H46	052078-56-5	90
4	1-Nonadecene	266	C19H38	018435-45-5	83
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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

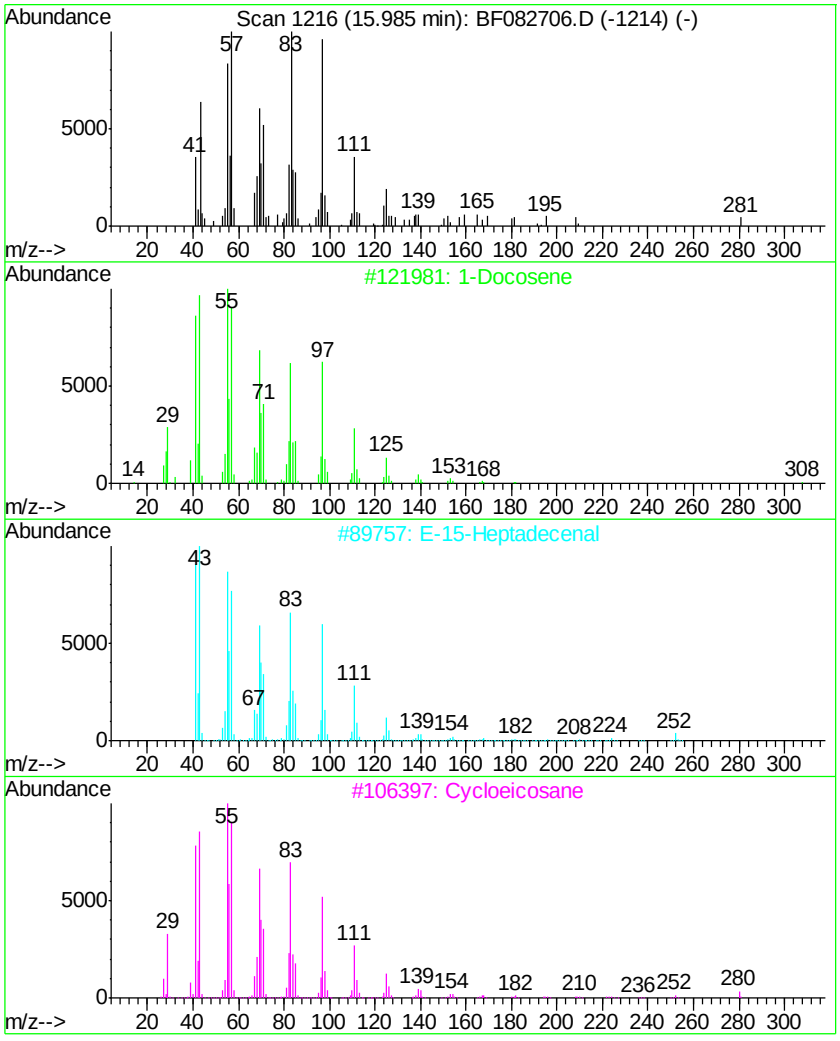
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

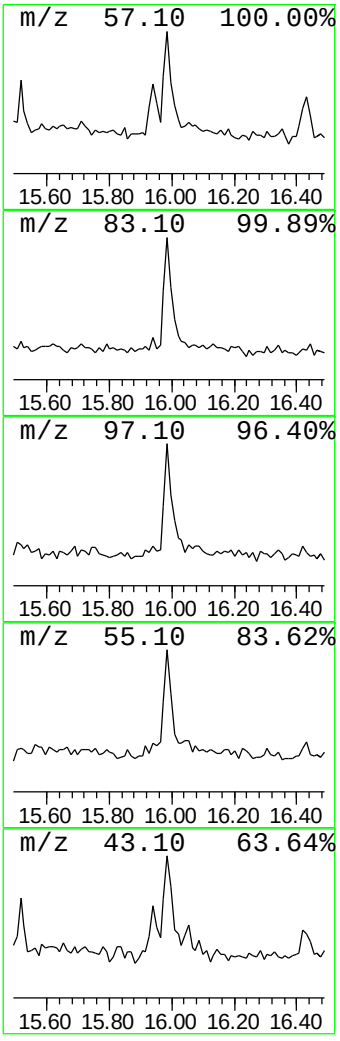
****

Peak Number 8 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.38 ng	159984	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	87
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
3	Cycloeicosane	280	C20H40	000296-56-0	74
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	68
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082706.D
Acq On : 4 Nov 2015 17:45
Operator : UM/IZ
Sample : G4240-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(18-20)

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	38.1	ng	2290280	1	6.86	1201520	20.0
unknown6.64	6.64	83.8	ng	5036220	1	6.86	1201520	20.0
Heptadecane	10.82	2.4	ng	216166	4	11.38	1787950	20.0
n-Hexadecanoic acid	11.92	5.2	ng	462430	4	11.38	1787950	20.0
1-Nonadecanol	13.87	9.5	ng	904321	5	14.02	1912070	20.0
1-Docosene	15.99	2.4	ng	159984	6	15.46	1344070	20.0