LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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	2.144	3	5	26	rVB3	185271	631864	6.98%	0.766%
2	5.024	253	257	266	rVB	2649762	4320952	47.74%	5.241%
3	5.447	290	294	296	rBV	7028702	7962931	87.99%	9.659%
4	6.476	380	384	386	rBV	6772460	9050290	100.00%	10.978%
5	6.601	392	395	397	rBV	7413839	7759086	85.73%	9.412%
6	6.830	413	415	417	rVB	1866553	1717053	18.97%	2.083%
7	6.990	426	429	431	rBV	6065308	6405362	70.78%	7.770%
8	7.390	461	464	467	rBV	4165104	4866677	53.77%	5.903%
9	8.110	524	527	530	rBV	2050801	2108941	23.30%	2.558%
10	9.196	619	622	624	rBV	8364953	8789884	97.12%	10.662%
11	9.585	653	656	659	rBV	2054752	1837802	20.31%	2.229%
12	9.813	673	676	678	rBV	155499	129301	1.43%	0.157%
13	9.870	678	681	683	rBV	2427698	2572262	28.42%	3.120%
14	10.316	716	720	721	rBV	150176	178035	1.97%	0.216%
15	10.533	735	739	742	rBV	57603	96648	1.07%	0.117%
16	10.659	746	750	752	rVV	4995817	5940612	65.64%	7.206%
17	10.785	757	761	766	rVV	198487	263299	2.91%	0.319%
18	11.230	798	800	802	rBV	152124	122936	1.36%	0.149%
19	11.345	808	810	813	rVB	2447582	2383735	26.34%	2.892%
20	11.893	855	858	862	rBV2	194517	226840	2.51%	0.275%
21	12.945	946	950	952	rBV	7658479	8984648	99.27%	10.899%
22	13.848	1026	1029	1038	rBV	606692	1203188	13.29%	1.460%
23	13.985	1038	1041	1043	rVV	2274688	2479520	27.40%	3.008%
24	14.499	1081	1086	1091	rBV4	38133	115646	1.28%	0.140%
25	15.402	1162	1165	1168	rBV	1593183	1952877	21.58%	2.369%
26	15.928	1208	1211	1221	rBV3	83370	337596	3.73%	0.410%

Sum of corrected areas: 82437985

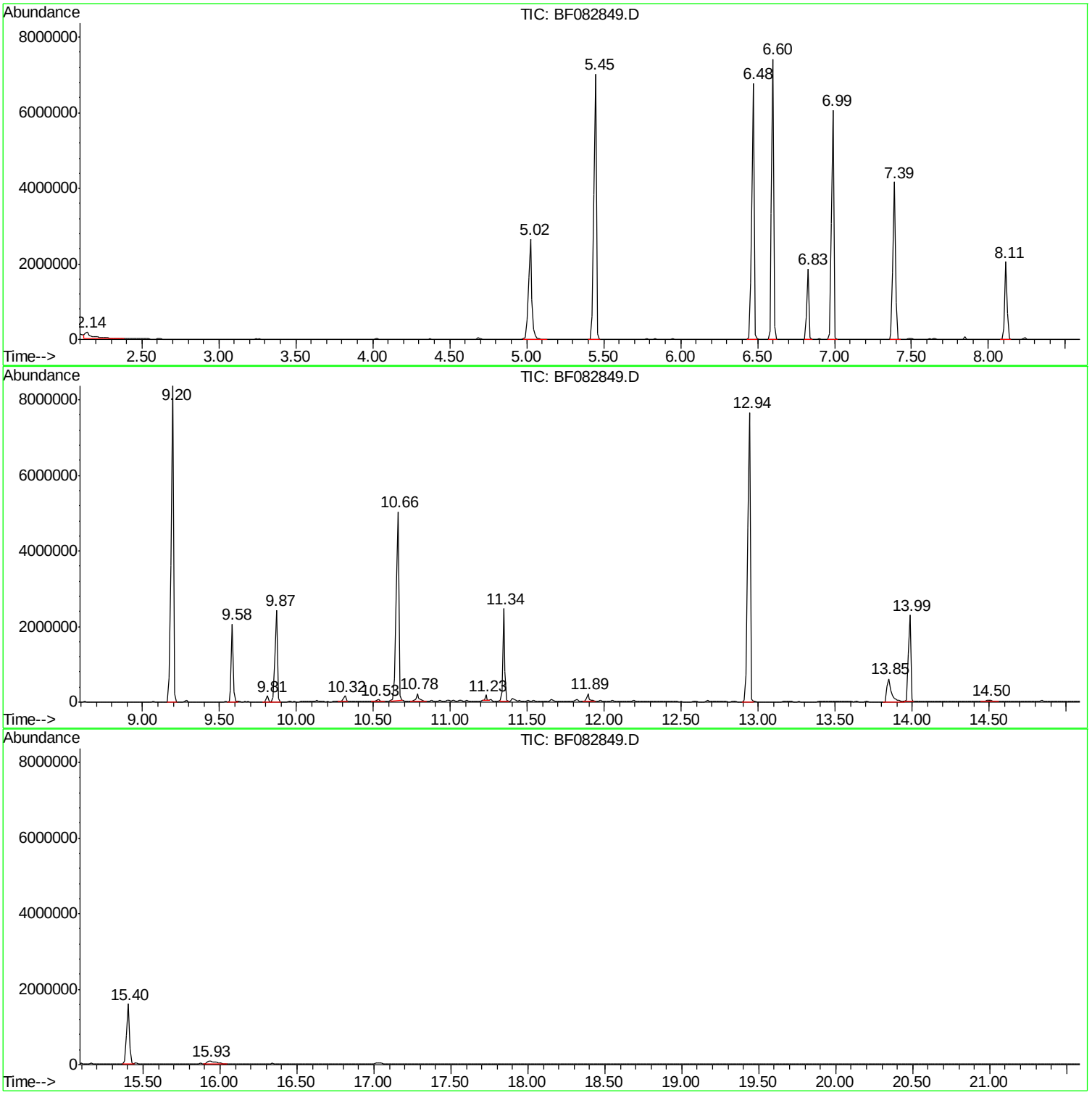
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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

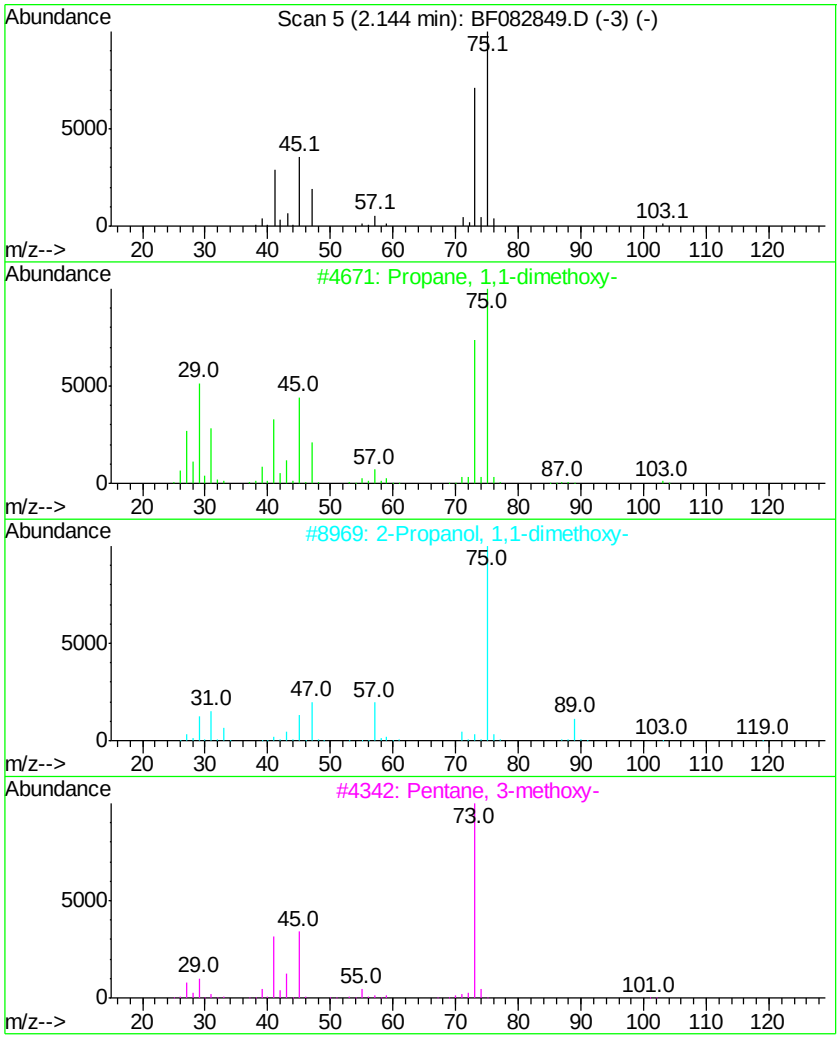
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

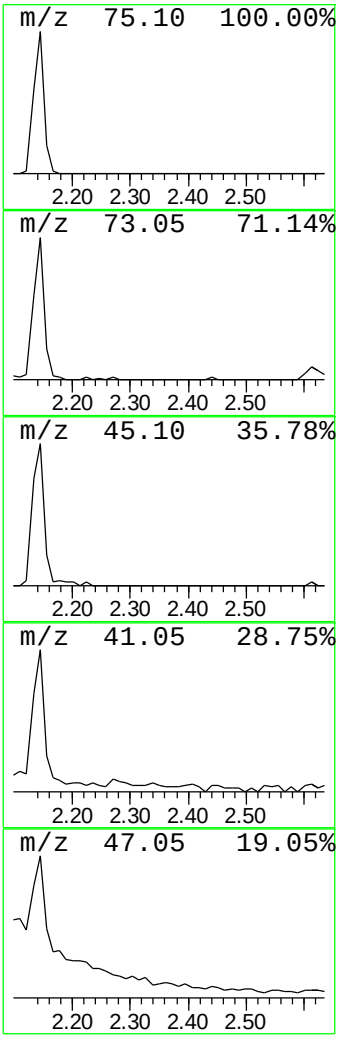
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	7.36 ng	631864	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	53
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	10
5	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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

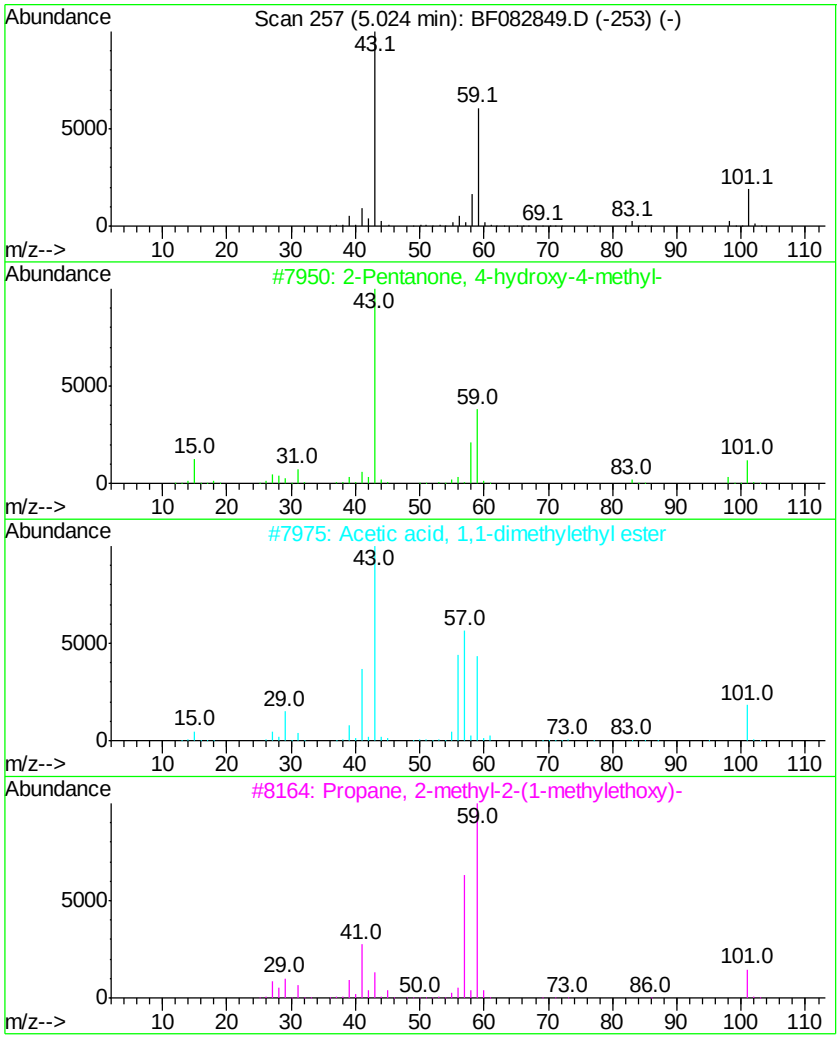
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

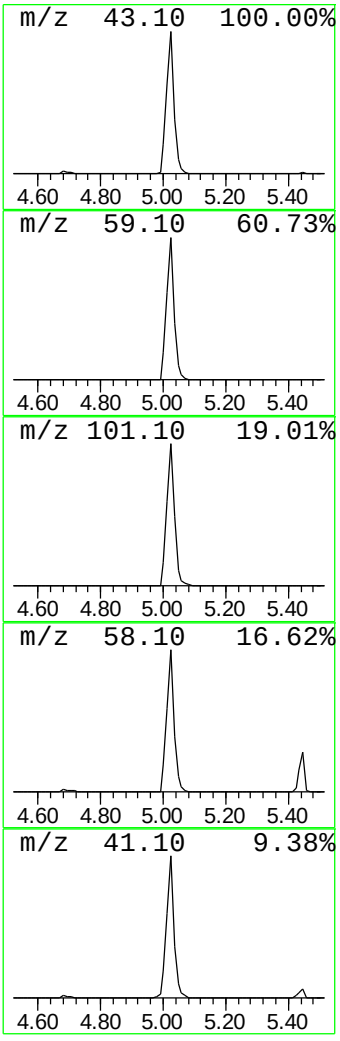
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	50.33 ng	4320950	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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

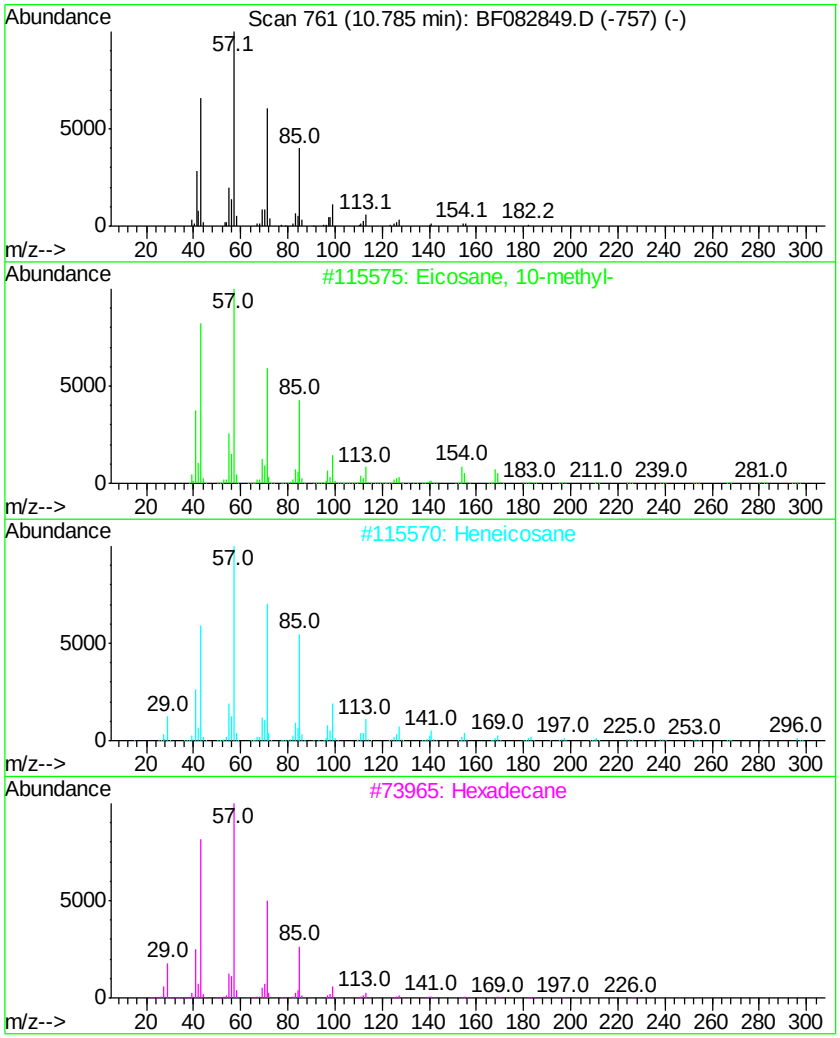
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

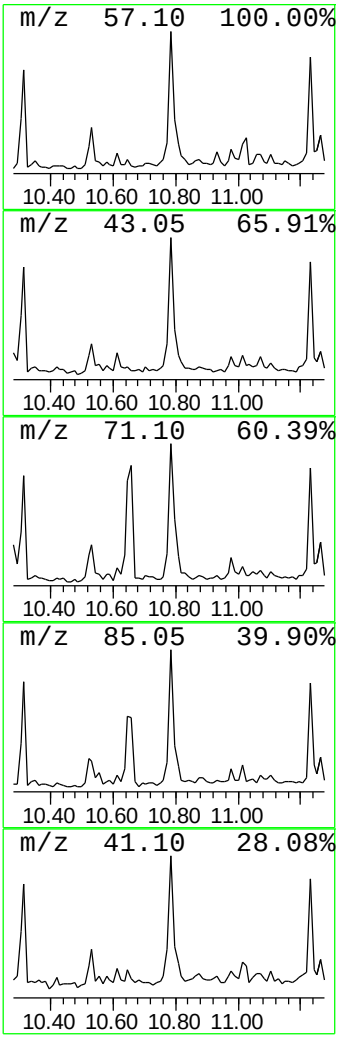
****

Peak Number 5 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.21 ng	263299	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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

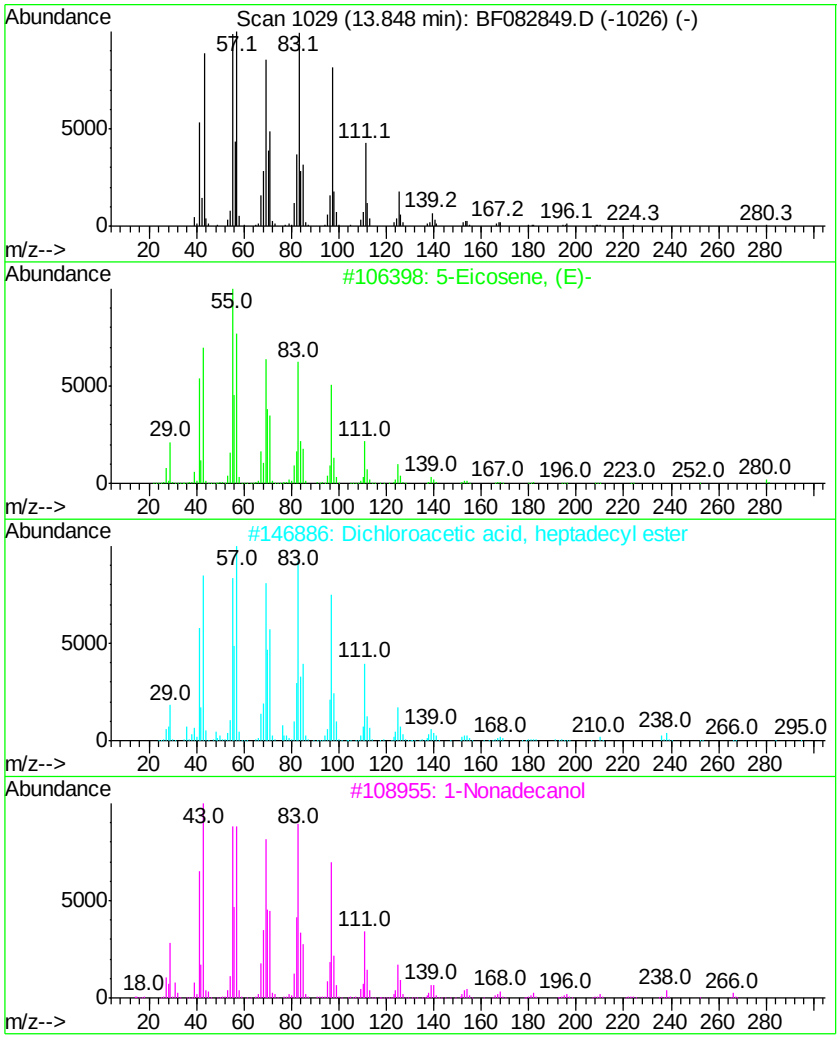
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

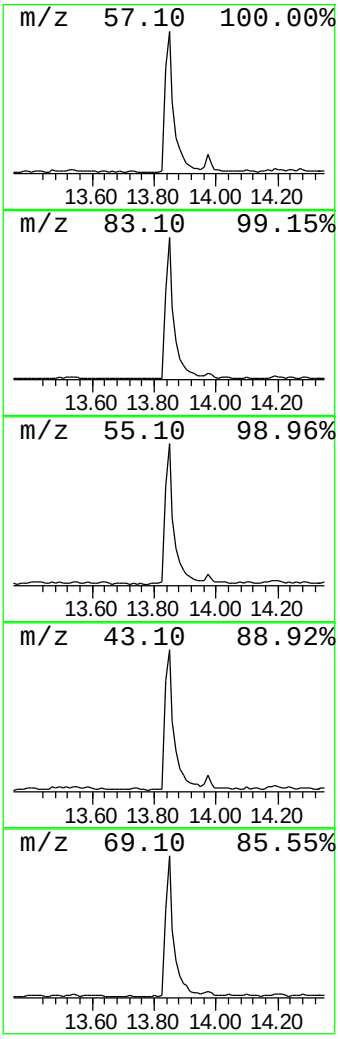
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.71 ng	1203190	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	1-Nonadecanol	284	C19H40O	001454-84-8	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5	Cyclohexadecane	224	C16H32	000295-65-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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

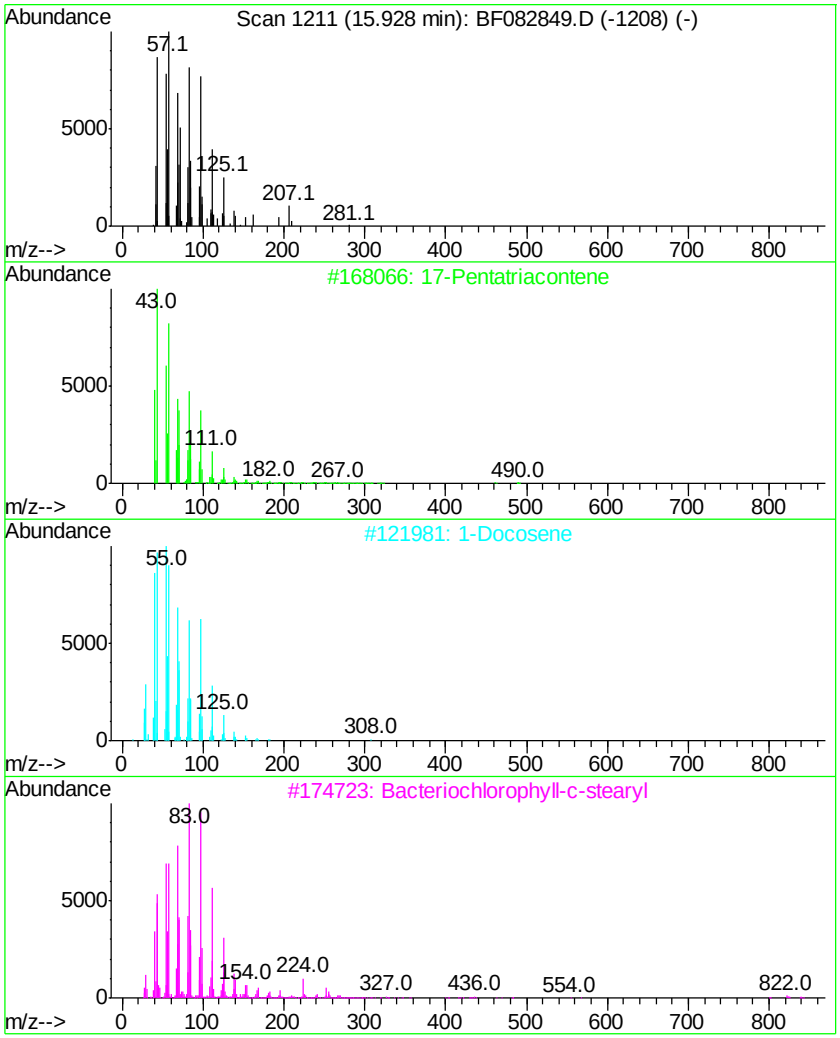
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

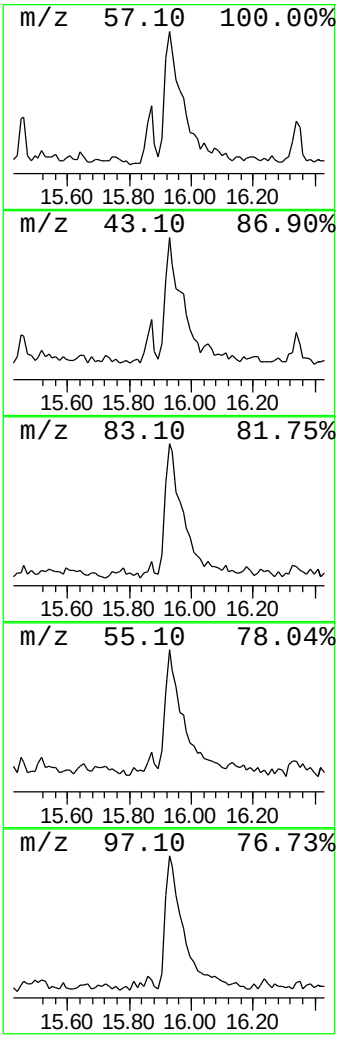
****

Peak Number 7 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.46 ng	337596	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Docosene	308	C22H44	001599-67-3	64
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	64
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	62
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082849.D
Acq On : 10 Nov 2015 2:48
Operator : UM/IZ
Sample : G4286-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2L

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
Propane, 1,1-dime...	2.14	7.4	ng	631864	1	6.83	1717050	20.0
2-Pentanone, 4-hy...	5.02	50.3	ng	4320950	1	6.83	1717050	20.0
Eicosane, 10-methyl-	10.78	2.2	ng	263299	4	11.34	2383740	20.0
5-Eicosene, (E)-	13.85	9.7	ng	1203190	5	13.98	2479520	20.0
17-Pentatriacontene	15.93	3.5	ng	337596	6	15.40	1952880	20.0