LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083649.D
Acq On : 9 Dec 2015 20:01
Operator : UM/IZ
Sample : G4691-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-005

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-BF120815.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	3.527	158	161	177	rBV	568589	1372119	25.68%	3.313%
2	3.961	197	199	222	rBV	3401680	5052561	94.56%	12.201%
3	5.253	310	312	320	rBV	3156102	5287255	98.95%	12.768%
4	5.379	320	323	340	rVB	4005978	5343500	100.00%	12.904%
5	5.676	347	349	360	rVB	636864	818720	15.32%	1.977%
6	5.893	365	368	377	rBV	2979726	3747803	70.14%	9.050%
7	6.510	419	422	437	rBV	2346422	3318367	62.10%	8.013%
8	7.573	513	515	527	rBV	743079	1074245	20.10%	2.594%
9	9.322	664	668	671	rBV	3721937	4855460	90.87%	11.725%
10	10.008	725	728	733	rBV	336348	448024	8.38%	1.082%
11	10.362	756	759	764	rBV	875117	1205694	22.56%	2.912%
12	11.208	830	833	836	rBV	94967	125168	2.34%	0.302%
13	11.562	859	864	866	rBV	26858	59850	1.12%	0.145%
14	11.654	869	872	879	rBV	1681052	2409465	45.09%	5.818%
15	11.974	897	900	905	rBV	91874	151196	2.83%	0.365%
16	12.762	966	969	978	rVB	676011	977718	18.30%	2.361%
17	13.814	1058	1061	1066	rBV3	33312	75802	1.42%	0.183%
18	15.391	1196	1199	1202	rBV	2514216	3362220	62.92%	8.119%
19	16.900	1328	1331	1335	rBV2	86714	173717	3.25%	0.419%
20	16.968	1335	1337	1344	rVV	533816	879713	16.46%	2.124%
21	18.614	1480	1481	1488	rVB	431735	672075	12.58%	1.623%

Sum of corrected areas: 41410672

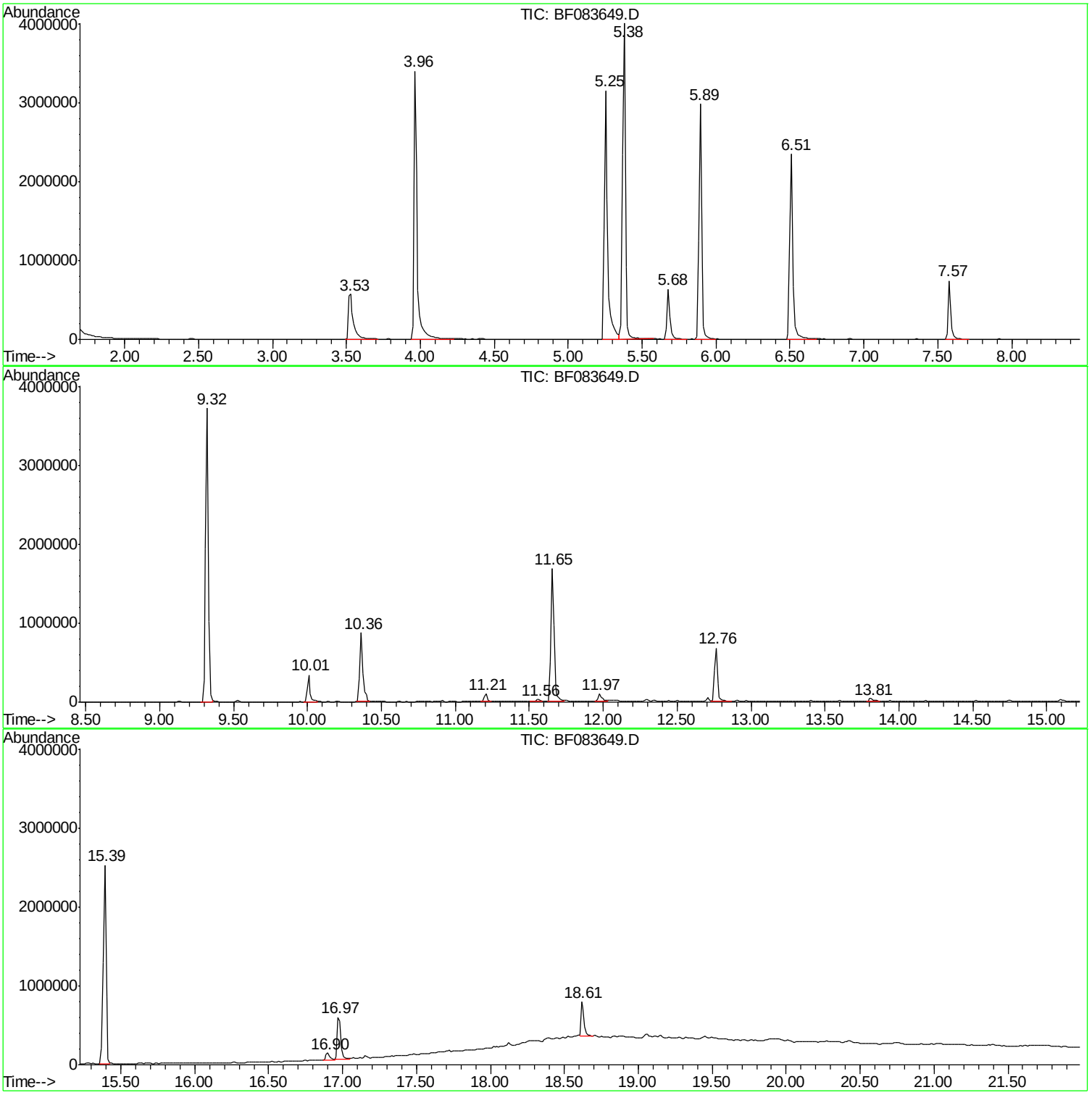
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083649.D
Acq On : 9 Dec 2015 20:01
Operator : UM/IZ
Sample : G4691-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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\BF120915\
Data File : BF083649.D
Acq On : 9 Dec 2015 20:01
Operator : UM/IZ
Sample : G4691-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-005

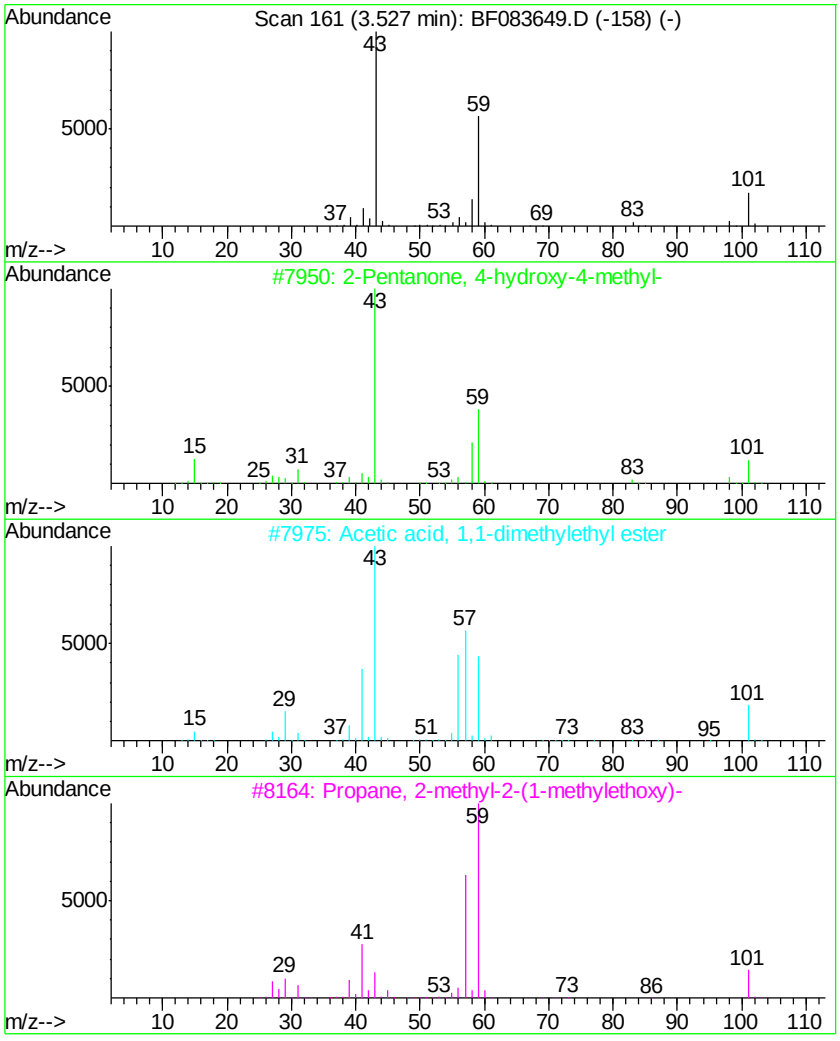
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

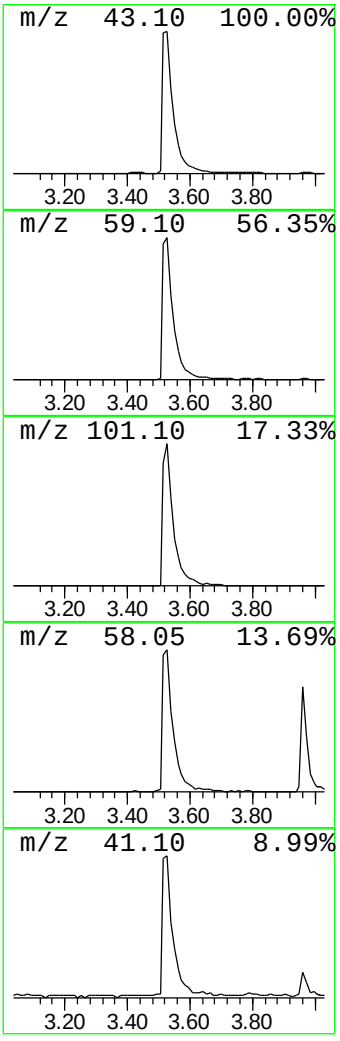
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	33.52 ng	1372120	1,4-Dichlorobenzene-d4	5.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083649.D
Acq On : 9 Dec 2015 20:01
Operator : UM/IZ
Sample : G4691-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

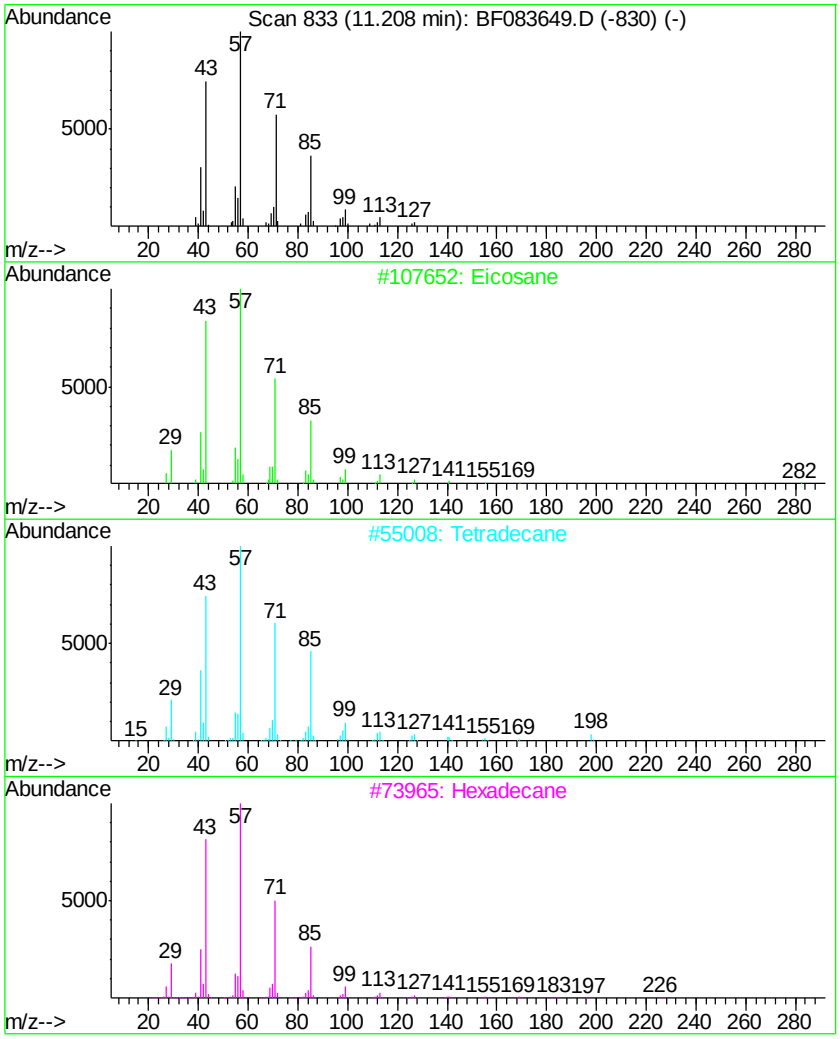
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

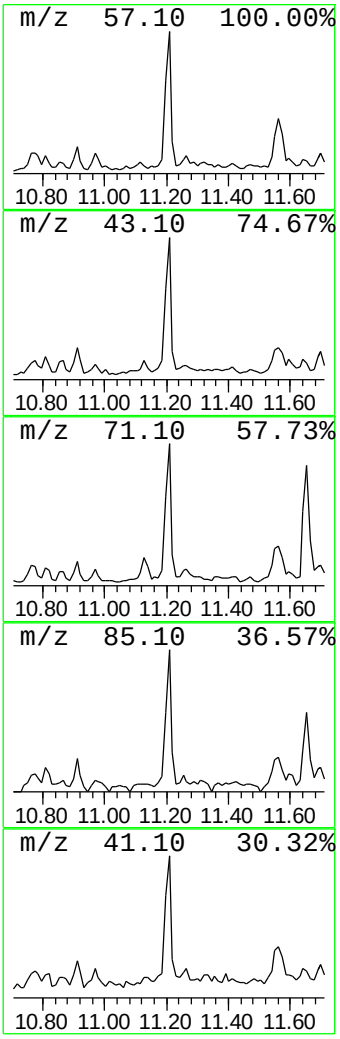
****

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.08 ng	125168	Acenaphthene-d10	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083649.D
Acq On : 9 Dec 2015 20:01
Operator : UM/IZ
Sample : G4691-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

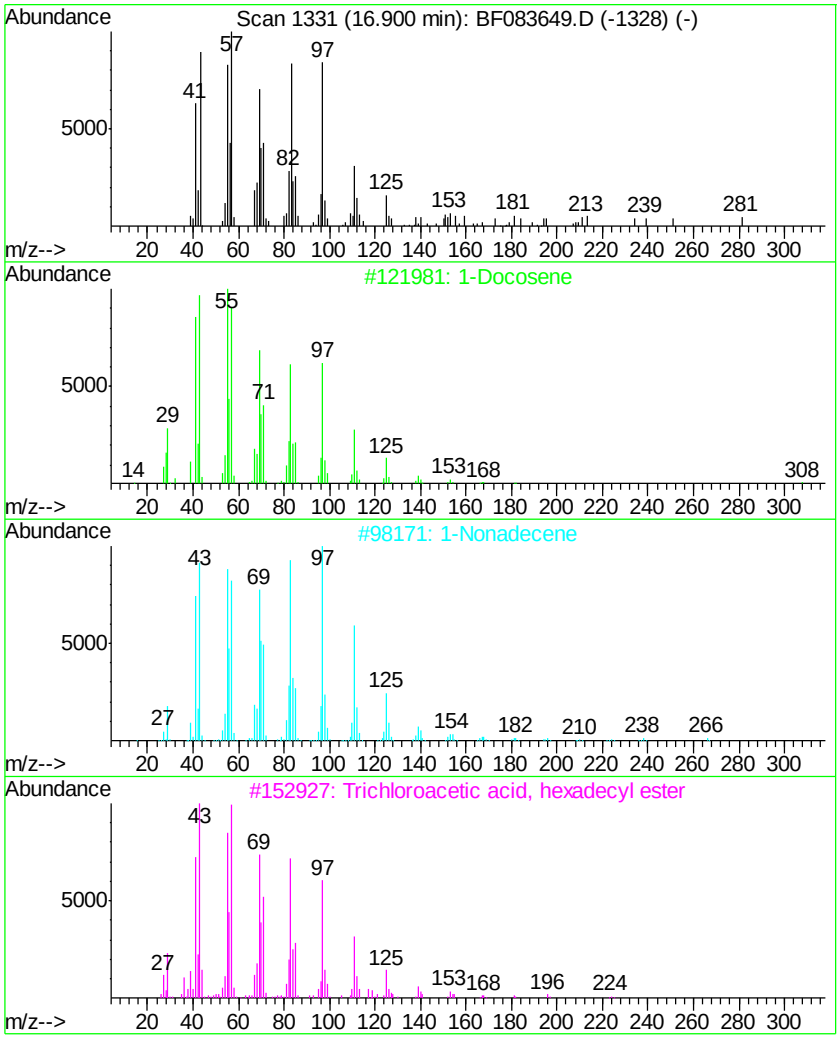
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

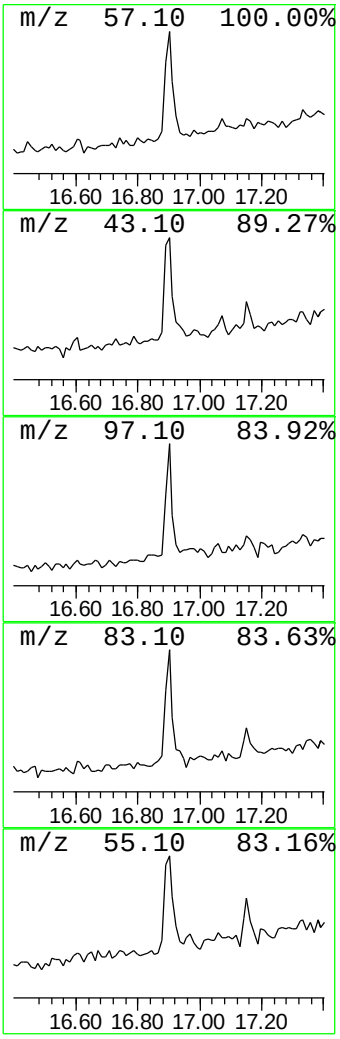
****

Peak Number 6 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.95 ng	173717	Chrysene-d12	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083649.D
Acq On : 9 Dec 2015 20:01
Operator : UM/IZ
Sample : G4691-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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...	3.53	33.5	ng	1372120	1	5.68	818720	20.0
Eicosane	11.21	2.1	ng	125168	3	10.36	1205690	20.0
1-Docosene	16.90	4.0	ng	173717	5	16.98	879713	20.0