LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

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-BF123115.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	4.327	194	196	201	rBV	122878	194146	3.30%	0.345%
2	5.002	252	255	258	rBV	2937315	4317466	73.44%	7.674%
3	5.436	290	293	295	rBV	4760253	5878612	100.00%	10.449%
4	5.824	325	327	330	rVB	293667	256189	4.36%	0.455%
5	6.465	380	383	385	rBV	5305513	5187143	88.24%	9.220%
6	6.590	391	394	397	rBV	5922806	5335805	90.77%	9.484%
7	6.819	412	414	417	rBV	1692275	1388193	23.61%	2.467%
8	6.979	425	428	430	rBV	5303276	4560977	77.59%	8.107%
9	7.390	461	464	466	rBV	3798087	4068557	69.21%	7.232%
10	7.493	469	473	480	rVB	64122	96195	1.64%	0.171%
11	8.110	524	527	529	rBV	1698764	1805609	30.71%	3.209%
12	9.185	618	621	624	rBV	5727614	5690256	96.80%	10.114%
13	9.585	654	656	658	rBV	1524318	1282299	21.81%	2.279%
14	9.802	672	675	677	rBV	153118	129206	2.20%	0.230%
15	9.859	678	680	683	rVB	1856261	1860009	31.64%	3.306%
16	10.031	692	695	699	rBV	25591	61589	1.05%	0.109%
17	10.305	715	719	720	rBV	130431	195976	3.33%	0.348%
18	10.522	735	738	739	rBV	66062	90448	1.54%	0.161%
19	10.648	747	749	752	rBV2	3103936	3579925	60.90%	6.363%
20	10.774	758	760	767	rVB	229553	273106	4.65%	0.485%
21	11.219	797	799	801	rBV	130113	113619	1.93%	0.202%
22	11.345	808	810	812	rBV	2096211	1754374	29.84%	3.118%
23	11.402	812	815	819	rVB	32413	61054	1.04%	0.109%
24	12.762	932	934	936	rBV	101011	85163	1.45%	0.151%
25	12.934	946	949	952	rBV	4883347	4544494	77.31%	8.077%
26	13.848	1026	1029	1038	rBV	190140	521654	8.87%	0.927%
27	13.985	1038	1041	1043	rBV	1400094	1455639	24.76%	2.587%
28	15.403	1162	1165	1167	rBV	1161308	1405810	23.91%	2.499%
29	15.963	1210	1214	1219	rBV7	18398	67877	1.15%	0.121%

Sum of corrected areas: 56261390

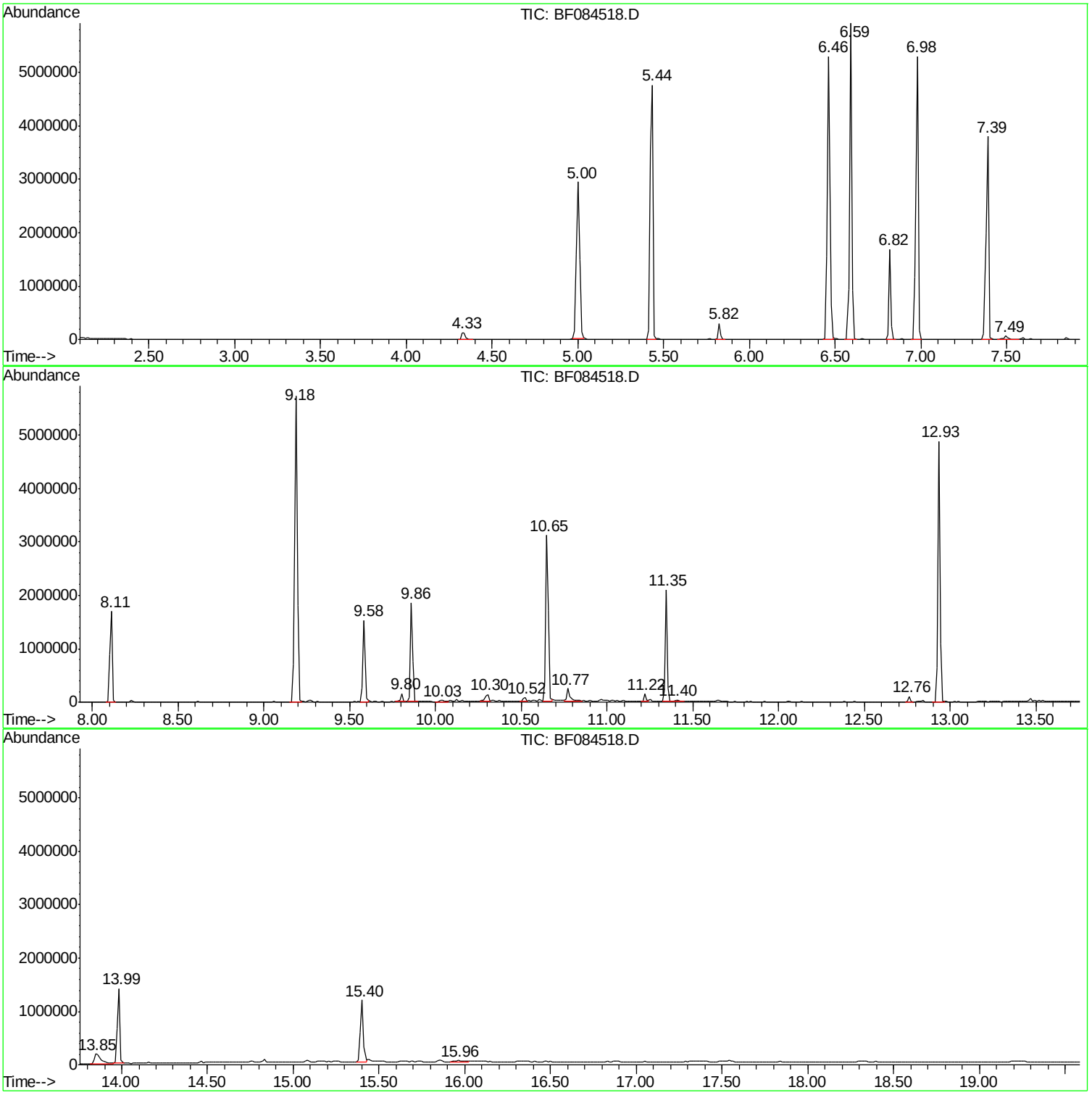
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

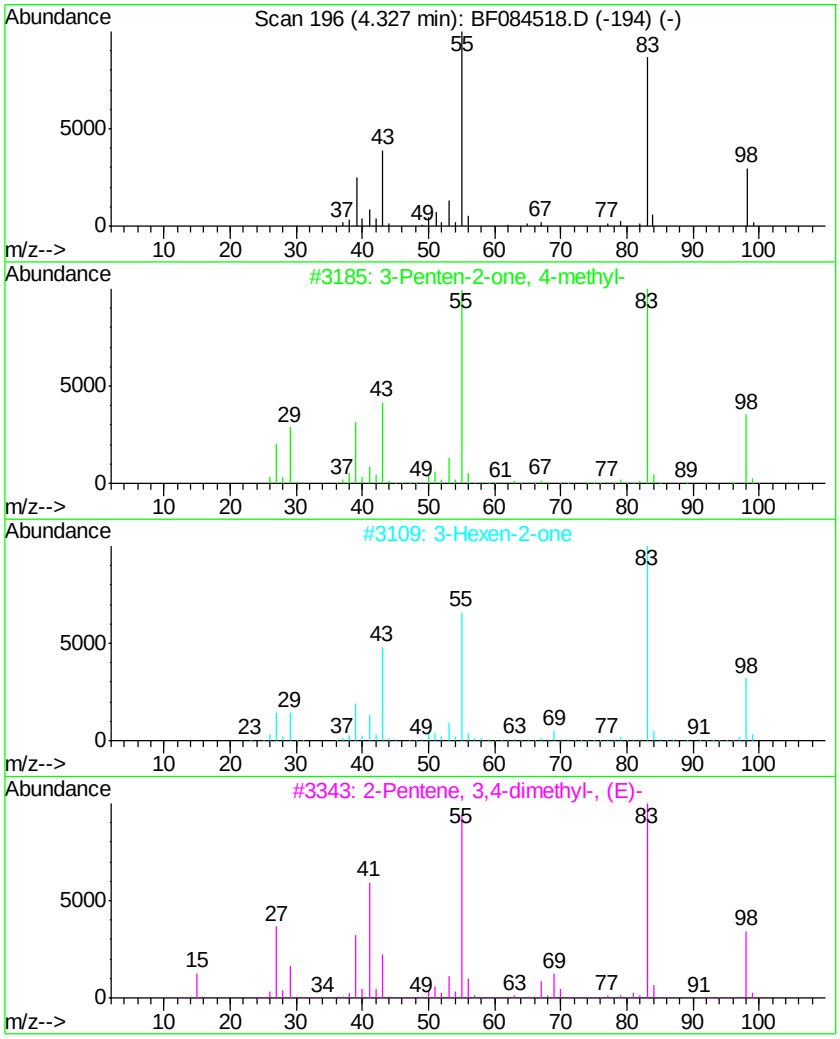
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

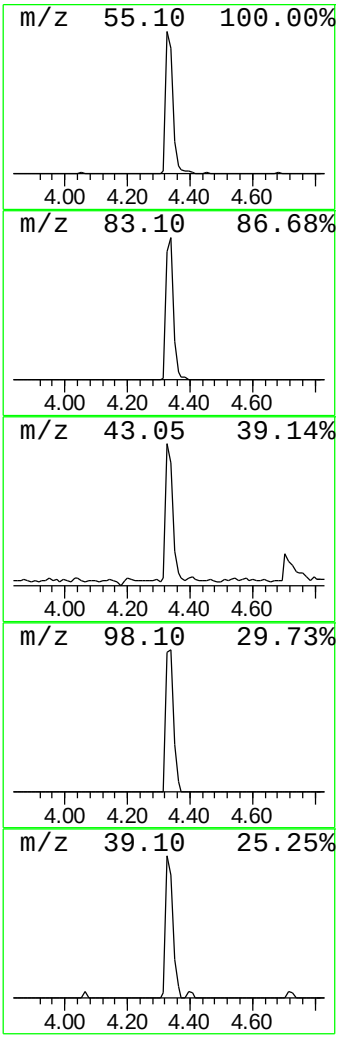
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	2.80 ng	194146	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

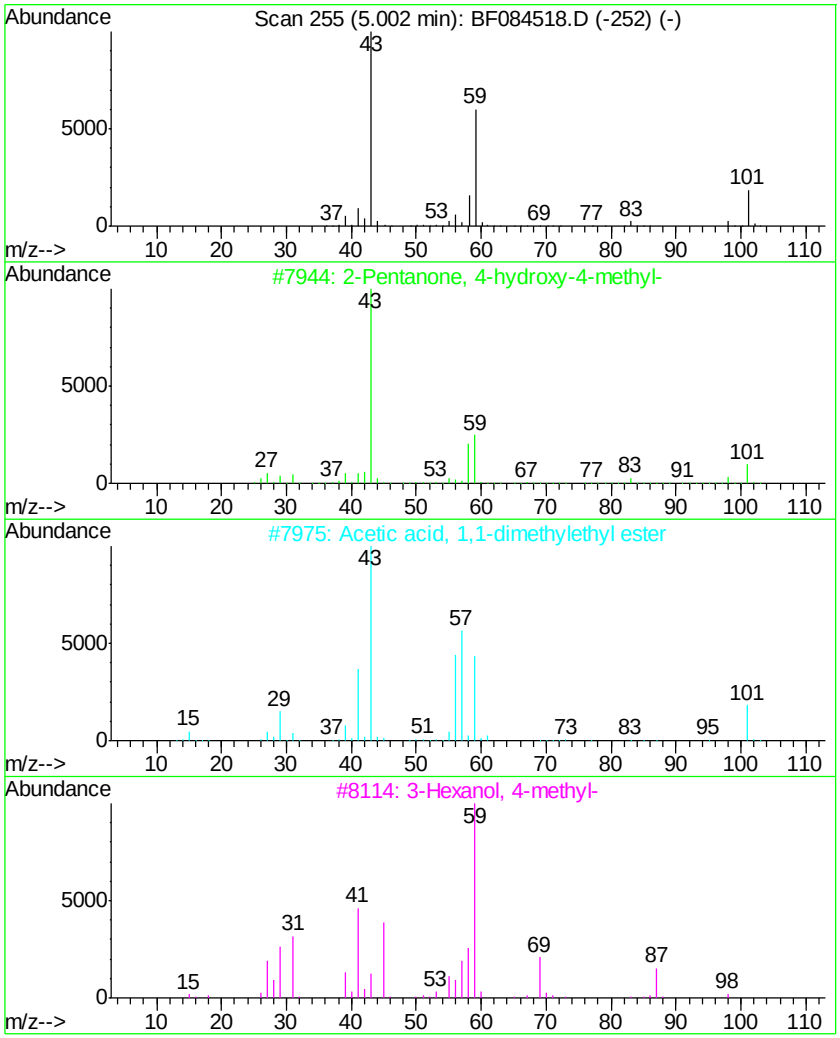
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

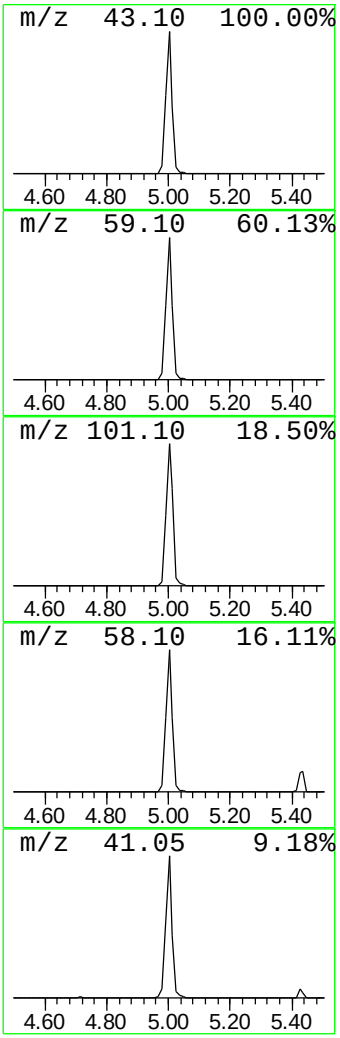
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	62.20 ng	4317470	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

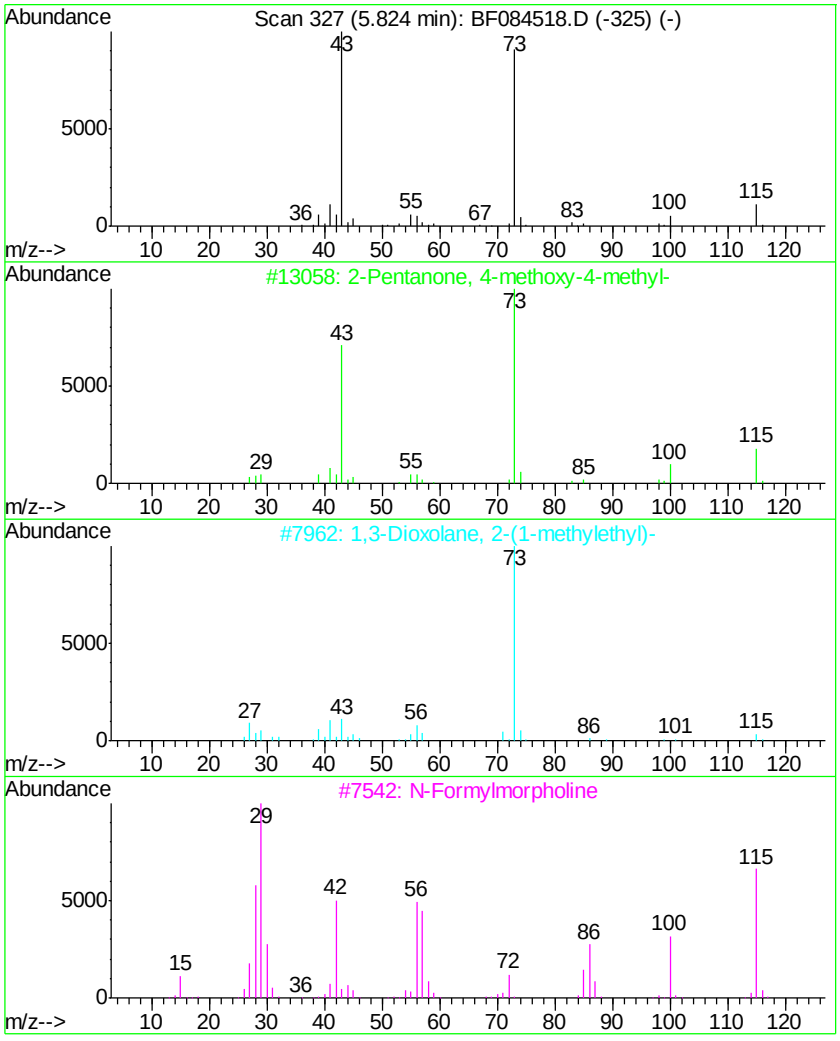
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

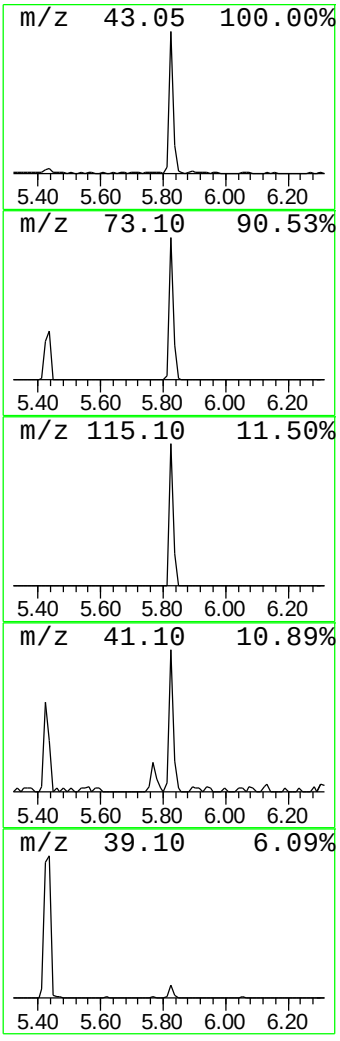
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.69 ng	256189	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
3	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

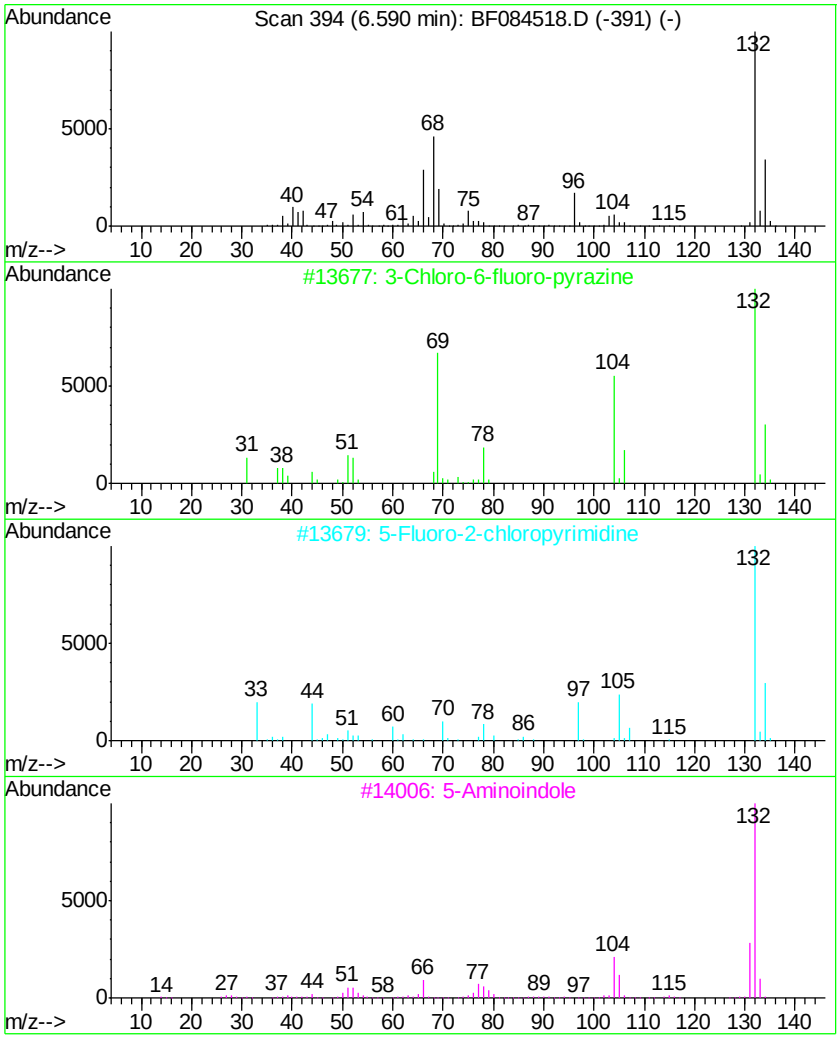
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

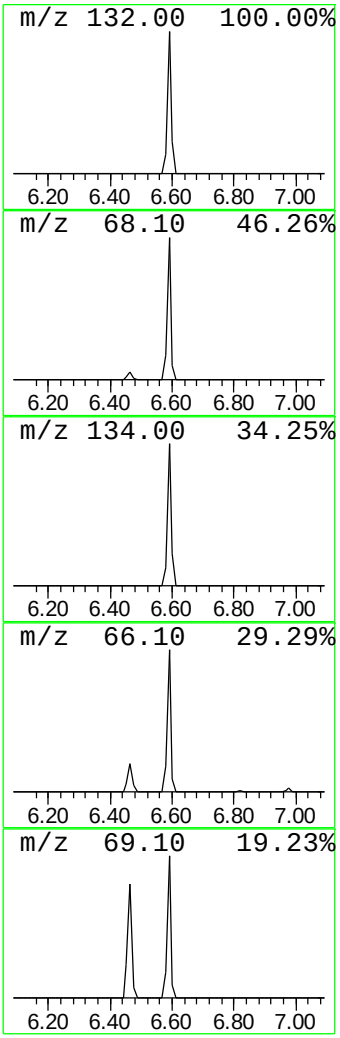
****

Peak Number 4 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	76.87 ng	5335810	1,4-Dichlorobenzene-d4	6.82

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

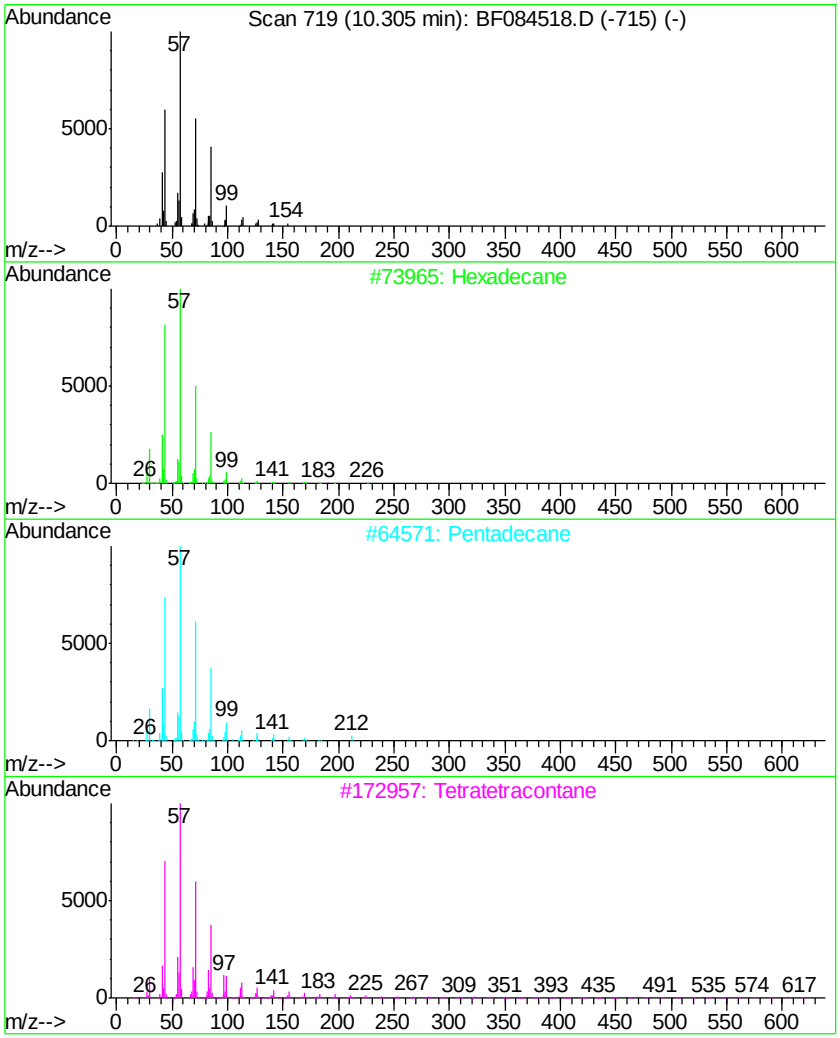
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

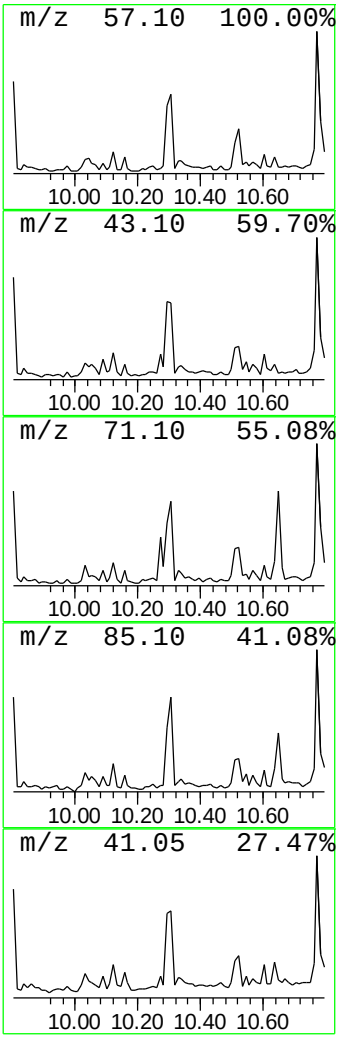
****

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.11 ng	195976	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

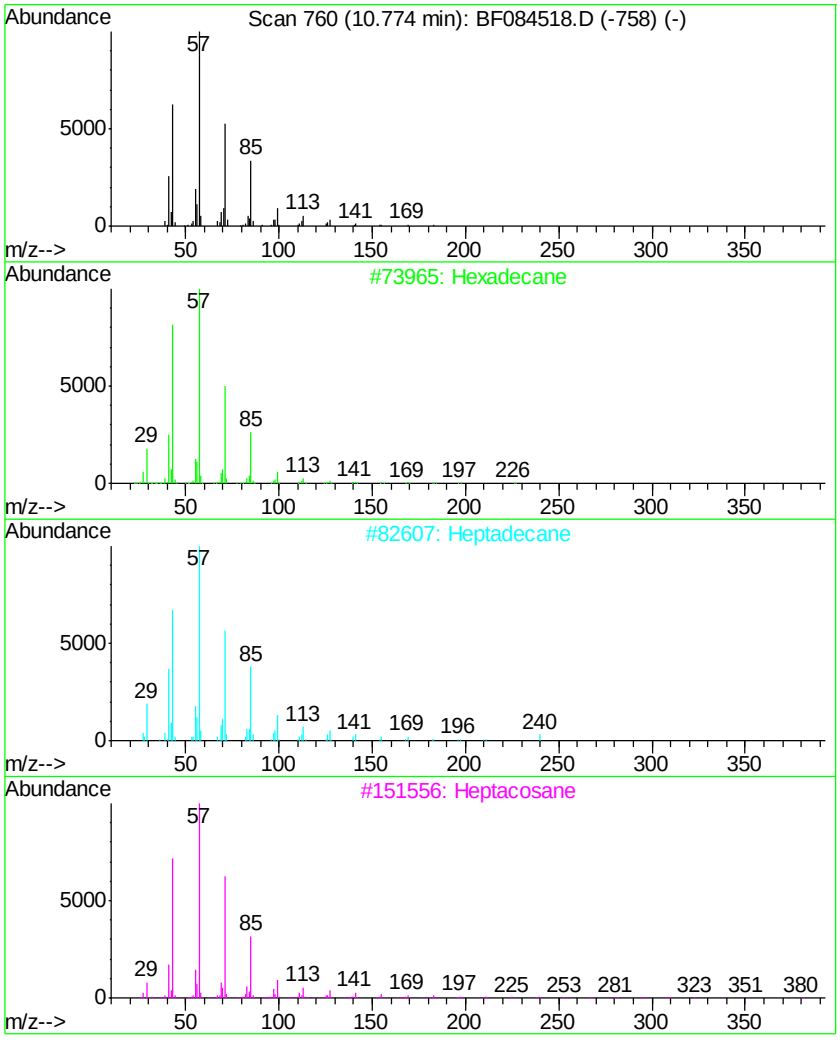
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

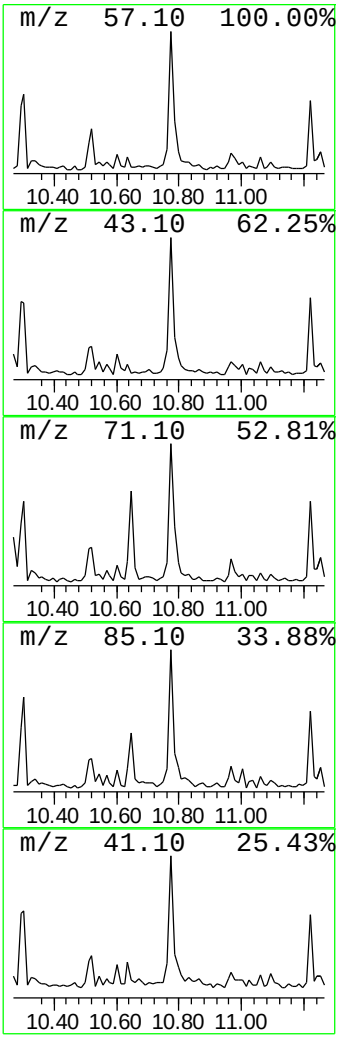
****

Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.11 ng	273106	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

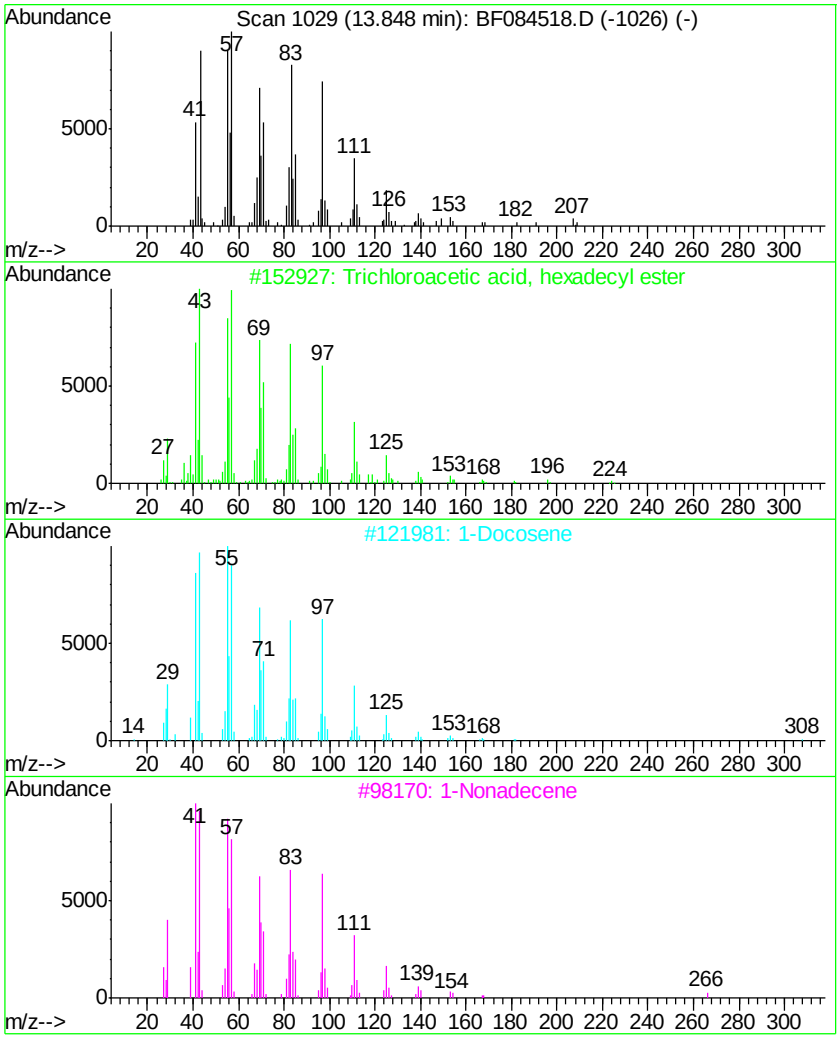
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

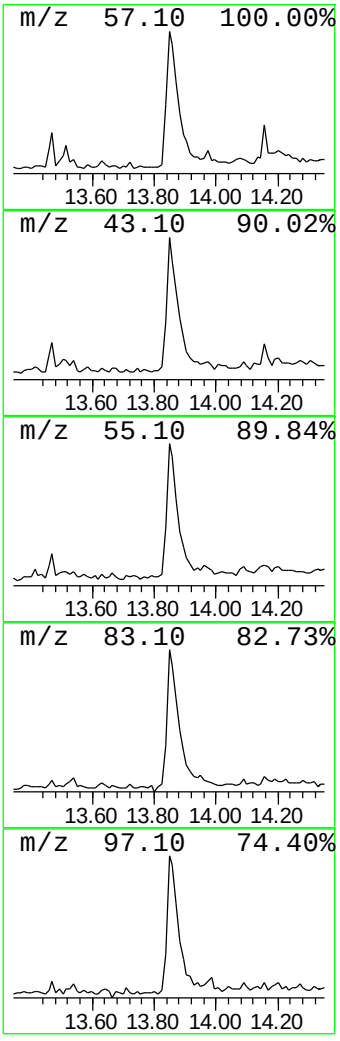
****

Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	7.17 ng	521654	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	86
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084518.D
Acq On : 16 Jan 2016 4:25
Operator : SJ/UM
Sample : H1144-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-17.5BGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
3-Penten-2-one, 4...	4.33	2.8	ng	194146	1	6.82	1388190	20.0
2-Pentanone, 4-hy...	5.00	62.2	ng	4317470	1	6.82	1388190	20.0
2-Pentanone, 4-me...	5.82	3.7	ng	256189	1	6.82	1388190	20.0
unknown6.59	6.59	76.9	ng	5335810	1	6.82	1388190	20.0
Hexadecane	10.30	2.1	ng	195976	3	9.86	1860010	20.0
Heptadecane	10.77	3.1	ng	273106	4	11.35	1754370	20.0
Trichloroacetic a...	13.85	7.2	ng	521654	5	13.99	1455640	20.0