LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

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-BF102616.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	2.190	7	9	35	rVB5	45271	259688	4.89%	0.601%
2	4.213	184	186	197	rBV	295888	435525	8.20%	1.009%
3	4.899	243	246	257	rBV	1175425	1662786	31.32%	3.851%
4	5.333	281	284	287	rBV	3607434	3706694	69.83%	8.584%
5	6.384	373	376	378	rBV	3688670	4592293	86.51%	10.635%
6	6.499	384	386	389	rBV	3209733	4295040	80.91%	9.946%
7	6.739	405	407	409	rBV	815585	936607	17.64%	2.169%
8	6.887	418	420	423	rBV	3012909	3268748	61.58%	7.570%
9	7.299	453	456	459	rBV	2172243	2630185	49.55%	6.091%
10	8.019	517	519	522	rBV	1344663	1351421	25.46%	3.130%
11	9.105	611	614	616	rBV	4851222	5308449	100.00%	12.293%
12	9.493	646	648	651	rBV	753747	821563	15.48%	1.903%
13	9.710	661	667	670	rBV2	37554	95975	1.81%	0.222%
14	9.768	670	672	675	rBV	1177376	1575328	29.68%	3.648%
15	10.190	703	709	710	rBV	34939	66284	1.25%	0.153%
16	10.213	710	711	713	rVB	132580	108741	2.05%	0.252%
17	10.431	727	730	734	rBV	44009	88885	1.67%	0.206%
18	10.556	739	741	744	rBV2	1844790	2728861	51.41%	6.319%
19	10.682	751	752	757	rBV	113307	192670	3.63%	0.446%
20	11.139	790	792	793	rBV	76178	88774	1.67%	0.206%
21	11.253	800	802	805	rBV	1790741	1557622	29.34%	3.607%
22	11.493	820	823	827	rBV	135369	162302	3.06%	0.376%
23	12.842	938	941	944	rBV	4432957	4783313	90.11%	11.077%
24	13.745	1017	1020	1030	rBV	250104	341778	6.44%	0.791%
25	13.882	1030	1032	1035	rBV	985915	1266195	23.85%	2.932%
26	15.288	1152	1155	1157	rBV	640687	857093	16.15%	1.985%

Sum of corrected areas: 43182820

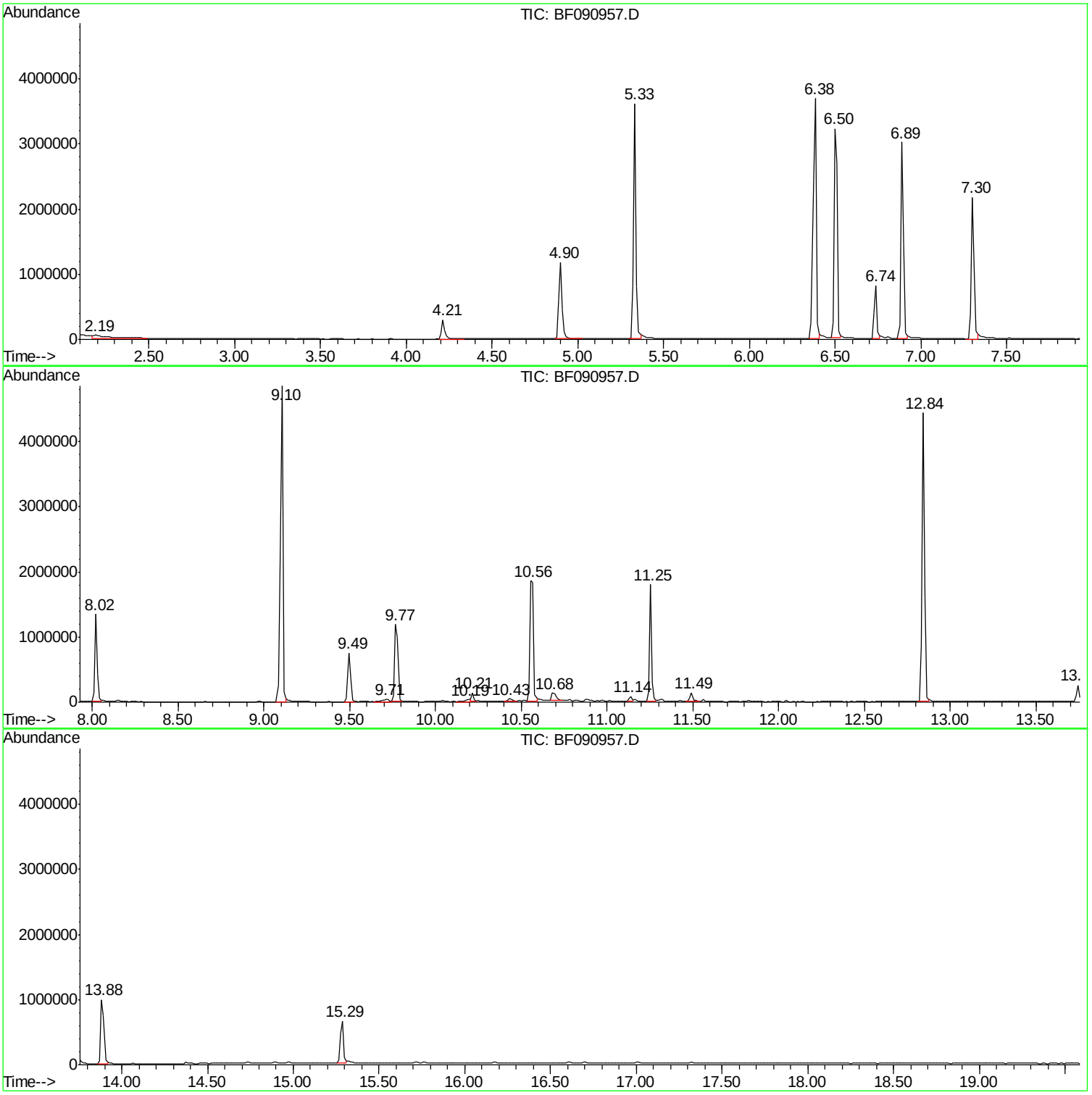
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

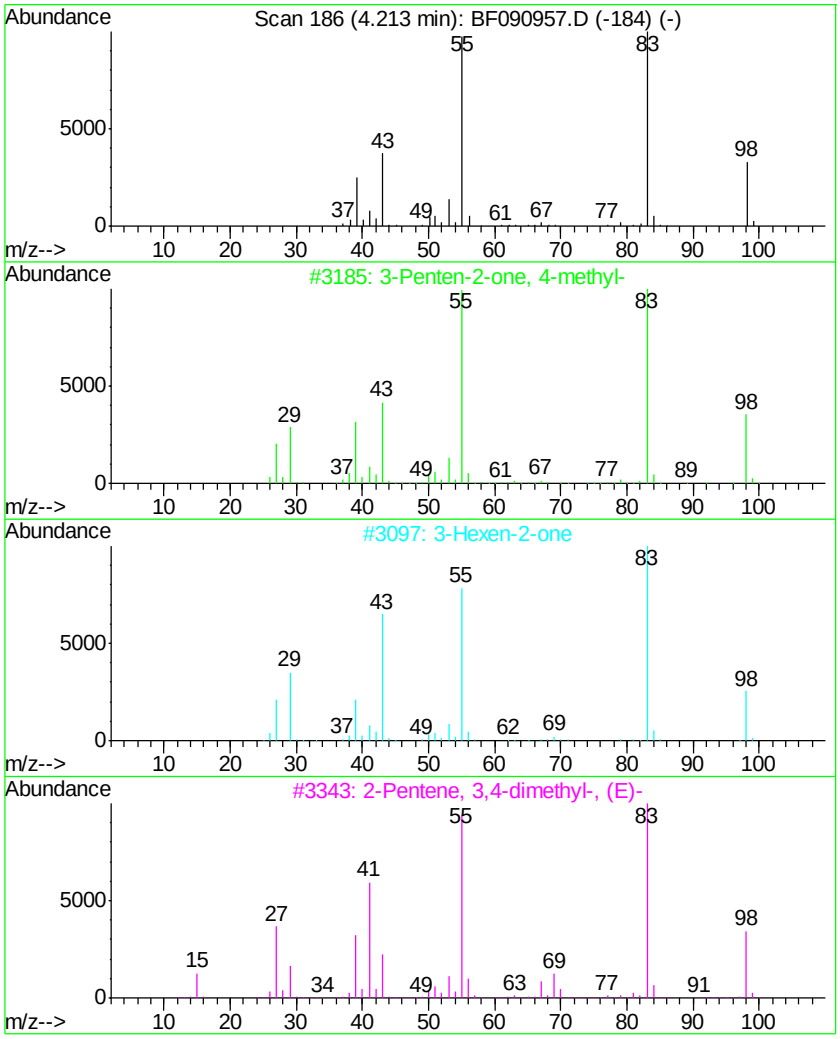
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

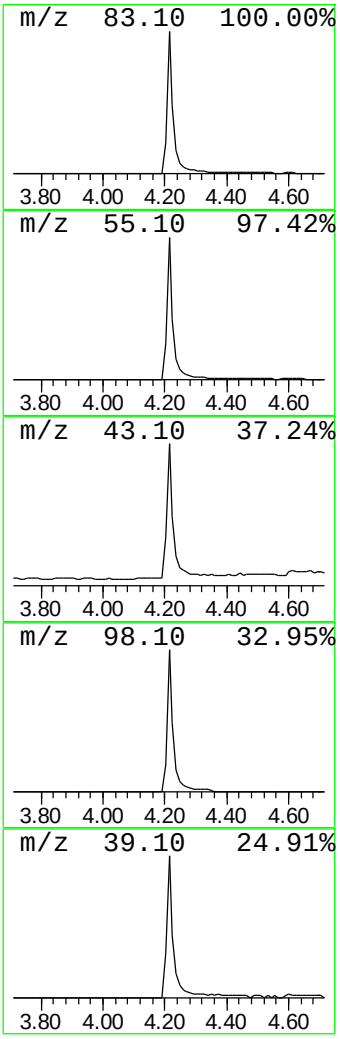
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	9.30 ng	435525	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

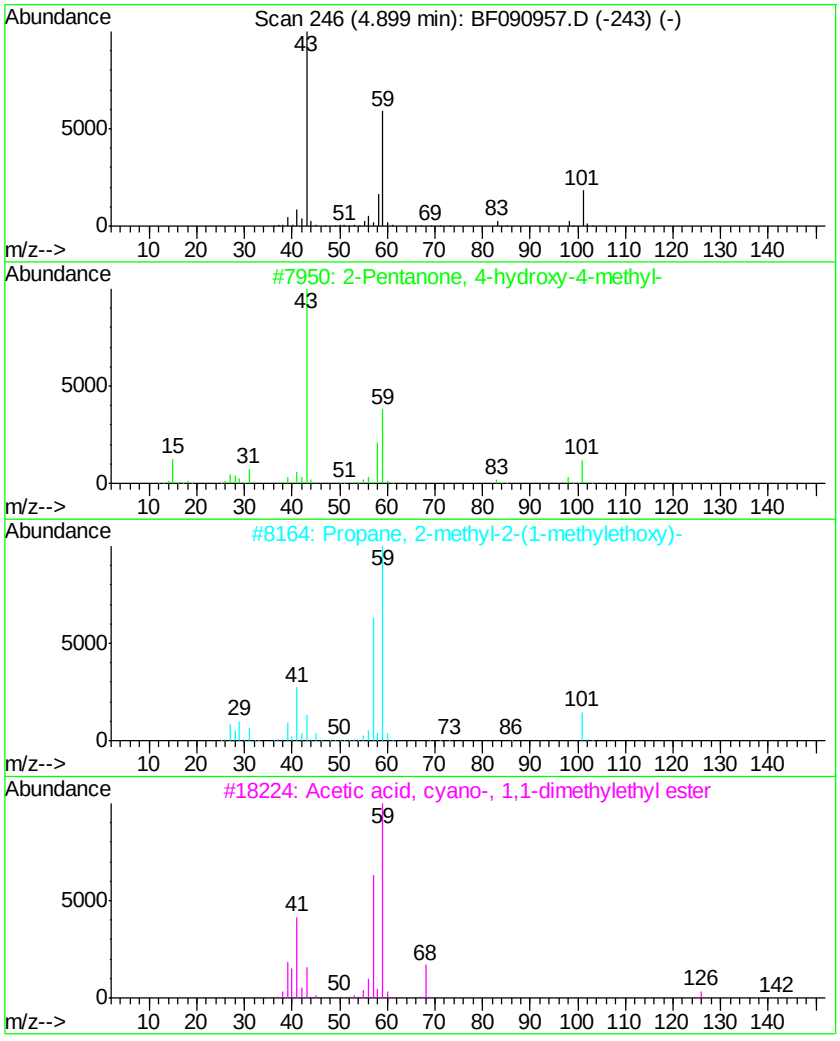
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

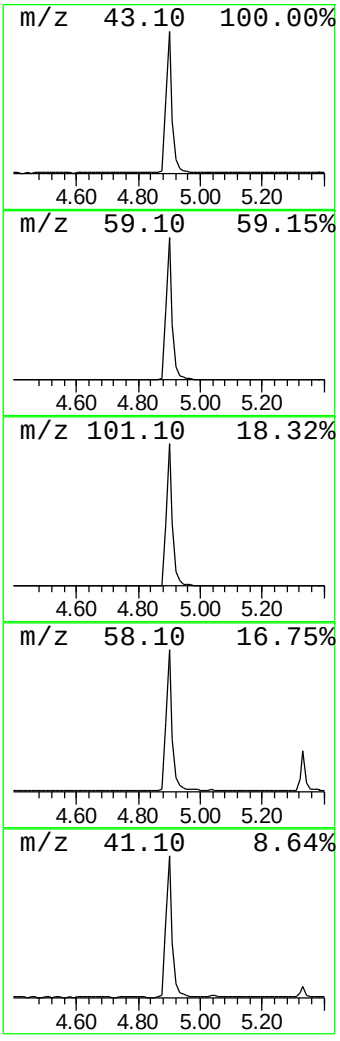
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	35.51 ng	1662790	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

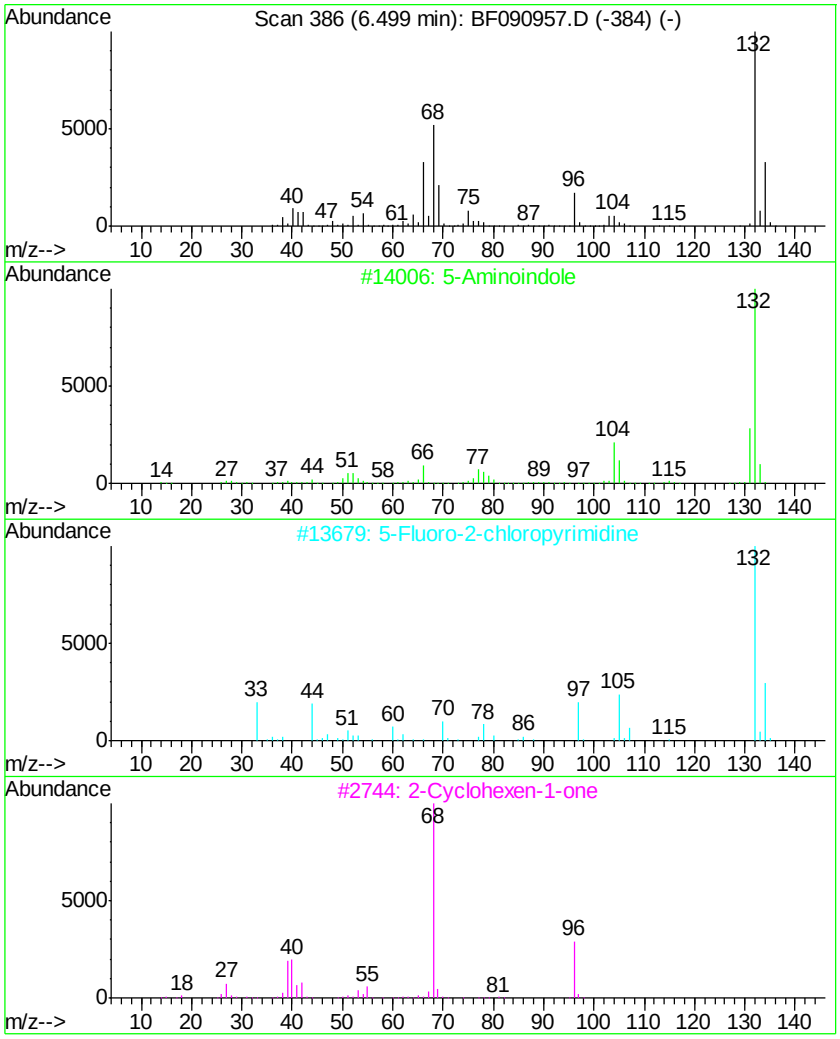
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

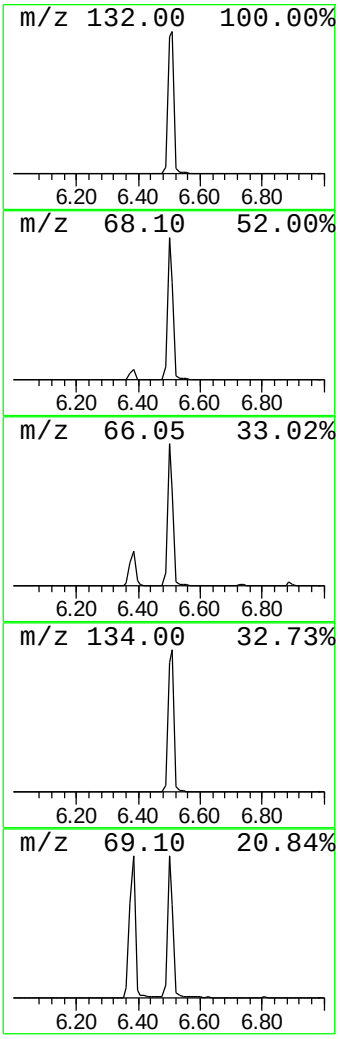
****

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	91.71 ng	4295040	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

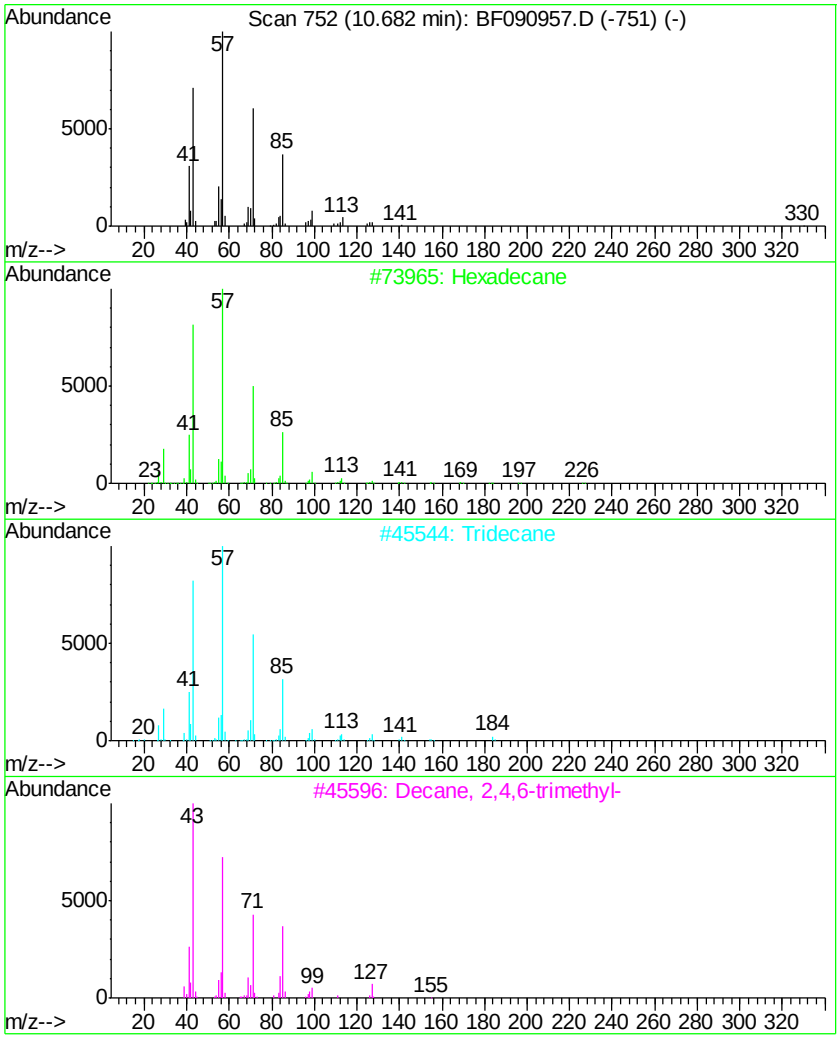
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

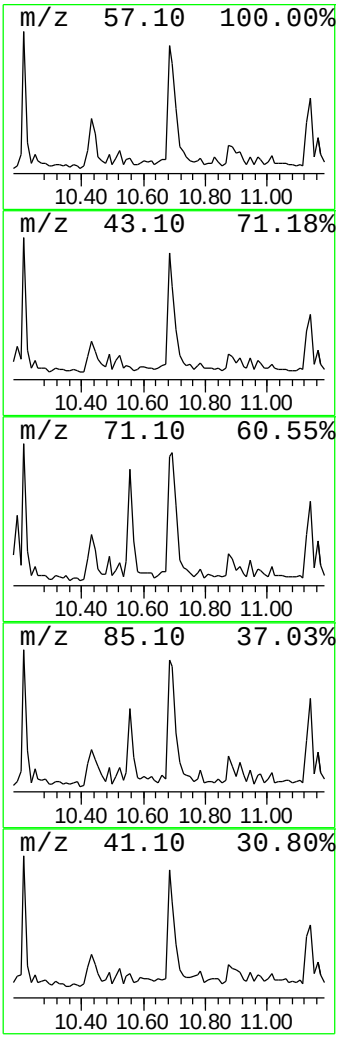
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.47 ng	192670	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	80
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

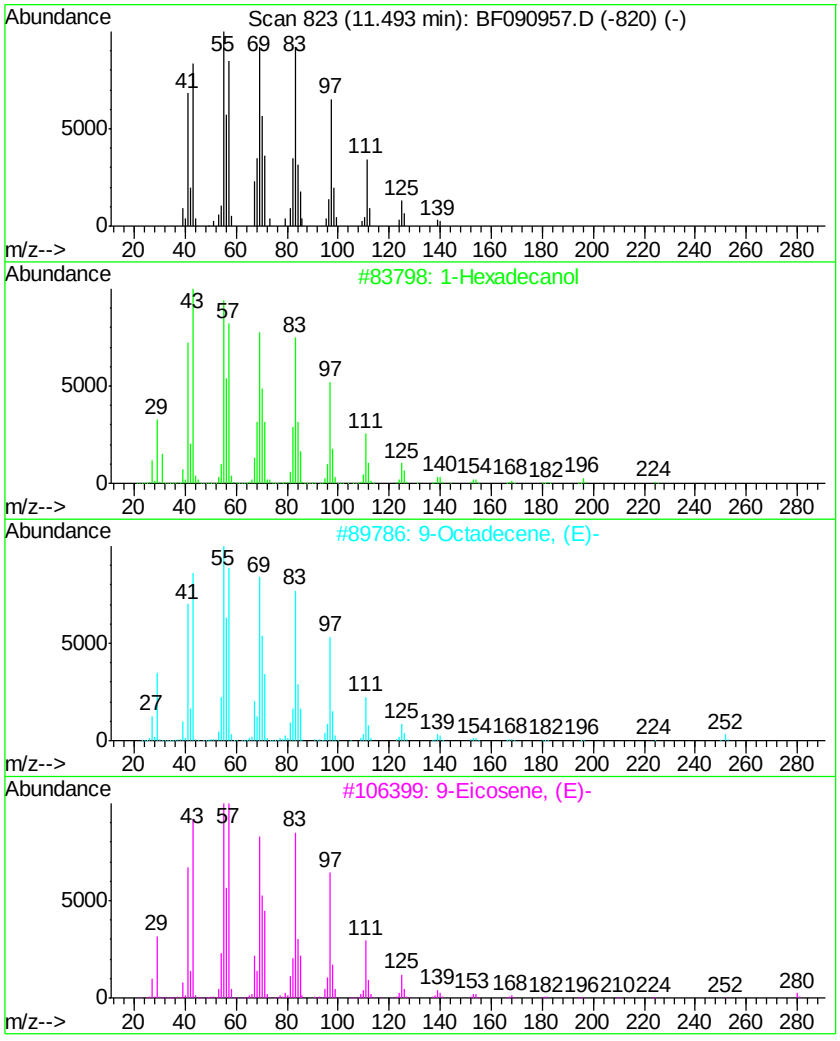
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

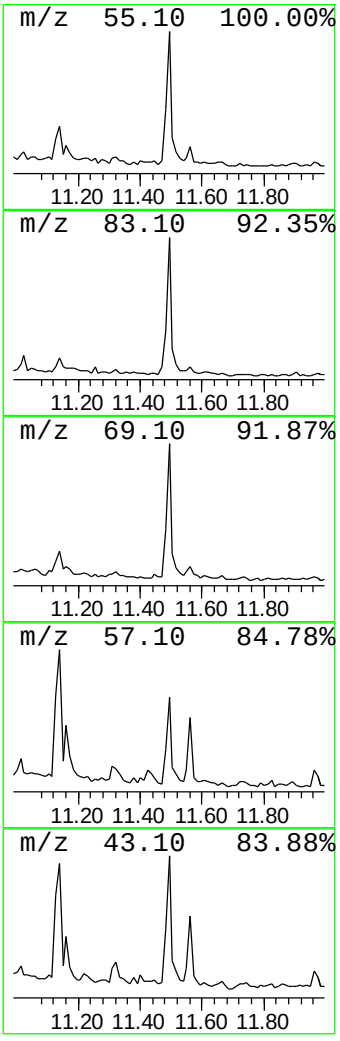
****

Peak Number 7 1-Hexadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.08 ng	162302	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

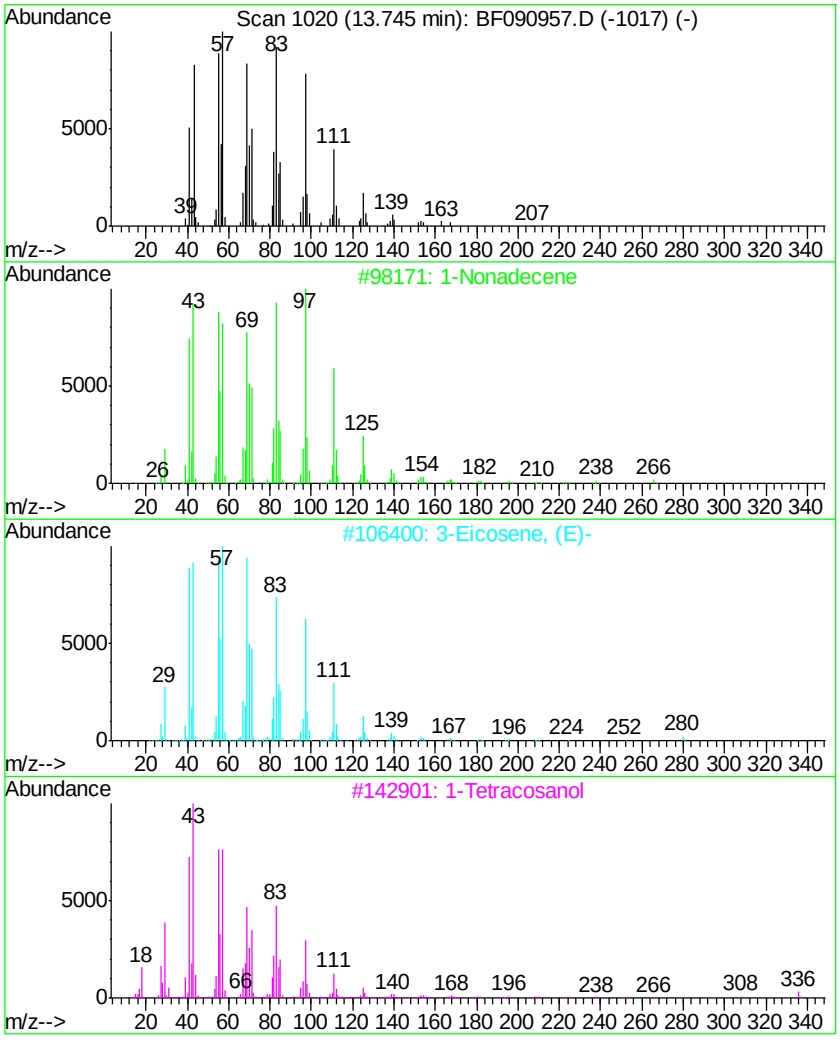
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

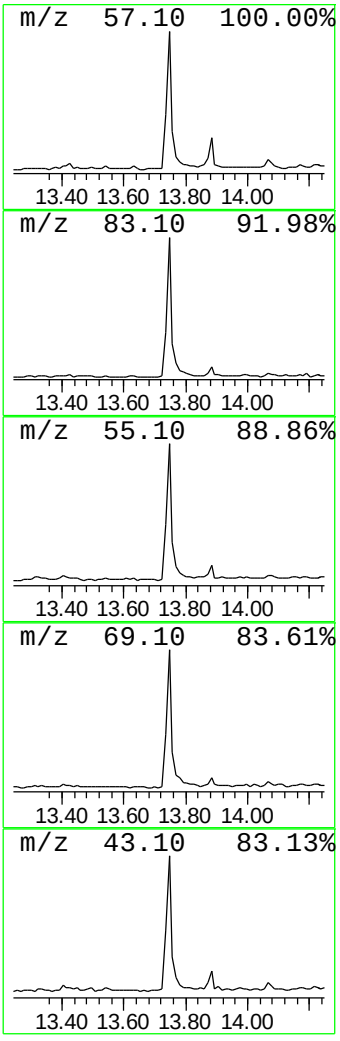
****

Peak Number 8 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.40 ng	341778	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090957.D
Acq On : 1 Nov 2016 18:10
Operator : UM/SJ
Sample : H5489-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.21	9.3	ng	435525	1	6.74	936607	20.0
2-Pentanone, 4-hy...	4.90	35.5	ng	1662790	1	6.74	936607	20.0
unknown6.50	6.50	91.7	ng	4295040	1	6.74	936607	20.0
Hexadecane	10.68	2.5	ng	192670	4	11.25	1557620	20.0
1-Hexadecanol	11.49	2.1	ng	162302	4	11.25	1557620	20.0
1-Nonadecene	13.75	5.4	ng	341778	5	13.89	1266200	20.0