LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

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-BF101316.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	5.068	236	239	248	rBV	795383	1033030	21.84%	2.555%
2	5.491	274	276	279	rBV	3468160	3830775	80.97%	9.476%
3	6.520	363	366	369	rBV	3193972	3832090	81.00%	9.479%
4	6.657	375	378	380	rBV	4531479	4413836	93.30%	10.918%
5	6.886	396	398	409	rBV	1401897	1351793	28.57%	3.344%
6	7.046	409	412	414	rBV	3129730	3323798	70.26%	8.222%
7	7.446	445	447	450	rBV	1927910	2259745	47.77%	5.590%
8	7.537	454	455	464	rVB	50363	111133	2.35%	0.275%
9	8.177	508	511	513	rBV	1353348	1776300	37.55%	4.394%
10	9.252	602	605	607	rBV	5294193	4730861	100.00%	11.702%
11	9.366	613	615	624	rVB	34739	52518	1.11%	0.130%
12	9.640	637	639	642	rBV	817922	873545	18.46%	2.161%
13	9.926	662	664	667	rBV	2218277	2031746	42.95%	5.026%
14	10.715	731	733	736	rBV	1745466	1890210	39.95%	4.676%
15	10.829	742	743	748	rVB	44496	78679	1.66%	0.195%
16	11.412	792	794	797	rBV	1631898	1618621	34.21%	4.004%
17	11.469	797	799	806	rVB	33109	71752	1.52%	0.177%
18	11.640	811	814	816	rBV	306548	288303	6.09%	0.713%
19	12.463	883	886	888	rBV	127445	171908	3.63%	0.425%
20	12.829	915	918	919	rBV	40024	55341	1.17%	0.137%
21	13.001	931	933	936	rBV	3373909	3290242	69.55%	8.139%
22	13.892	1009	1011	1013	rBV	165130	217450	4.60%	0.538%
23	13.926	1013	1014	1018	rVV	26840	76462	1.62%	0.189%
24	14.052	1023	1025	1028	rBV	1279036	1399018	29.57%	3.461%
25	14.532	1065	1067	1071	rVB2	76982	84800	1.79%	0.210%
26	15.504	1149	1152	1161	rBV	1034513	1563066	33.04%	3.866%

Sum of corrected areas: 40427022

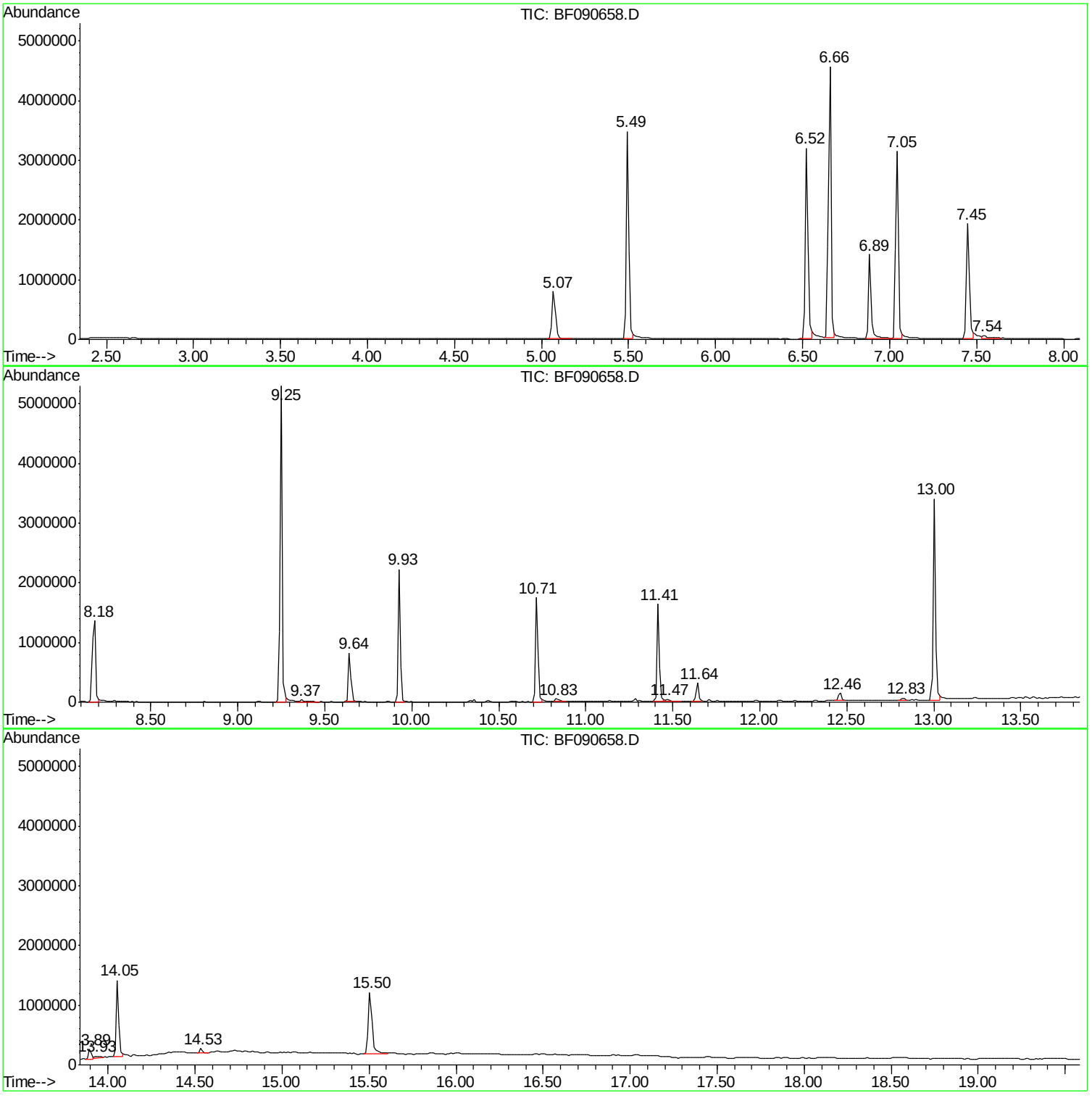
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

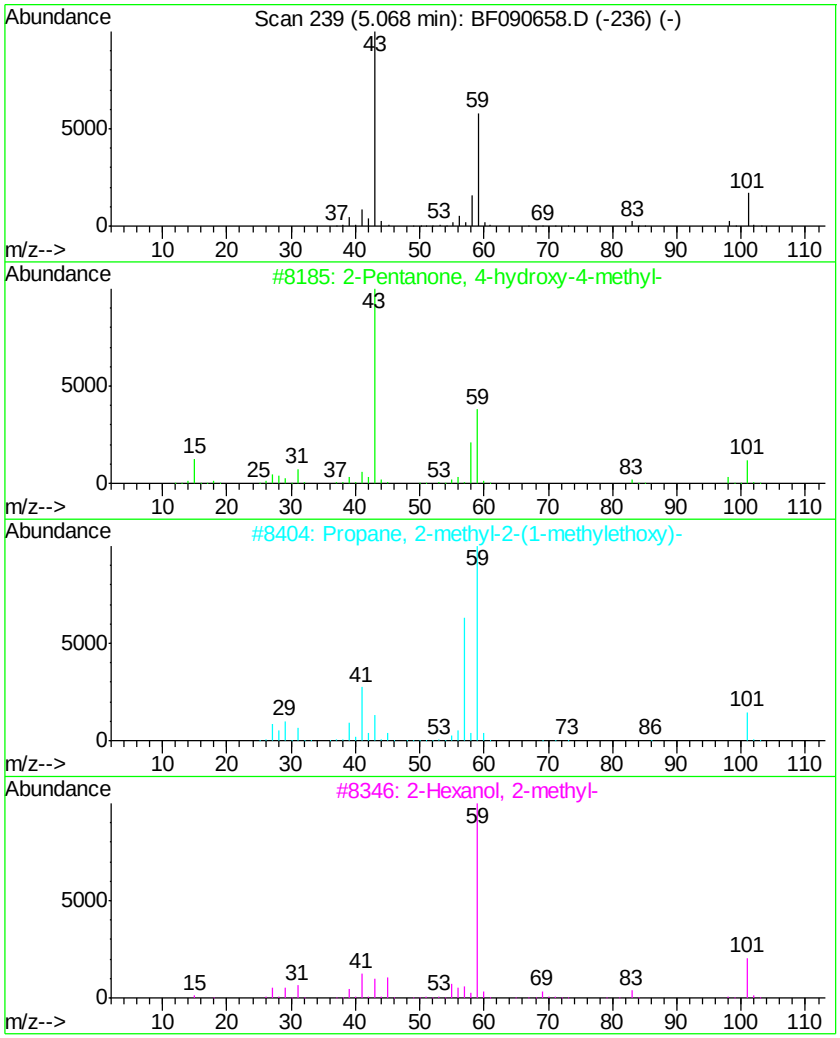
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

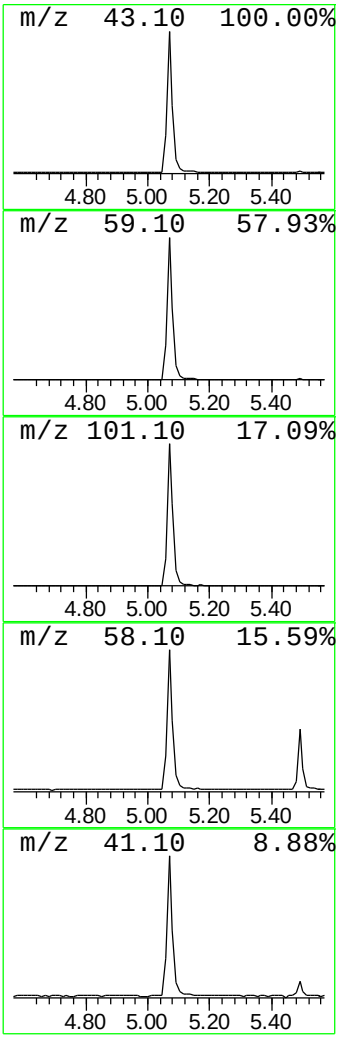
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	15.28 ng	1033030	1,4-Dichlorobenzene-d4	6.89

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	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

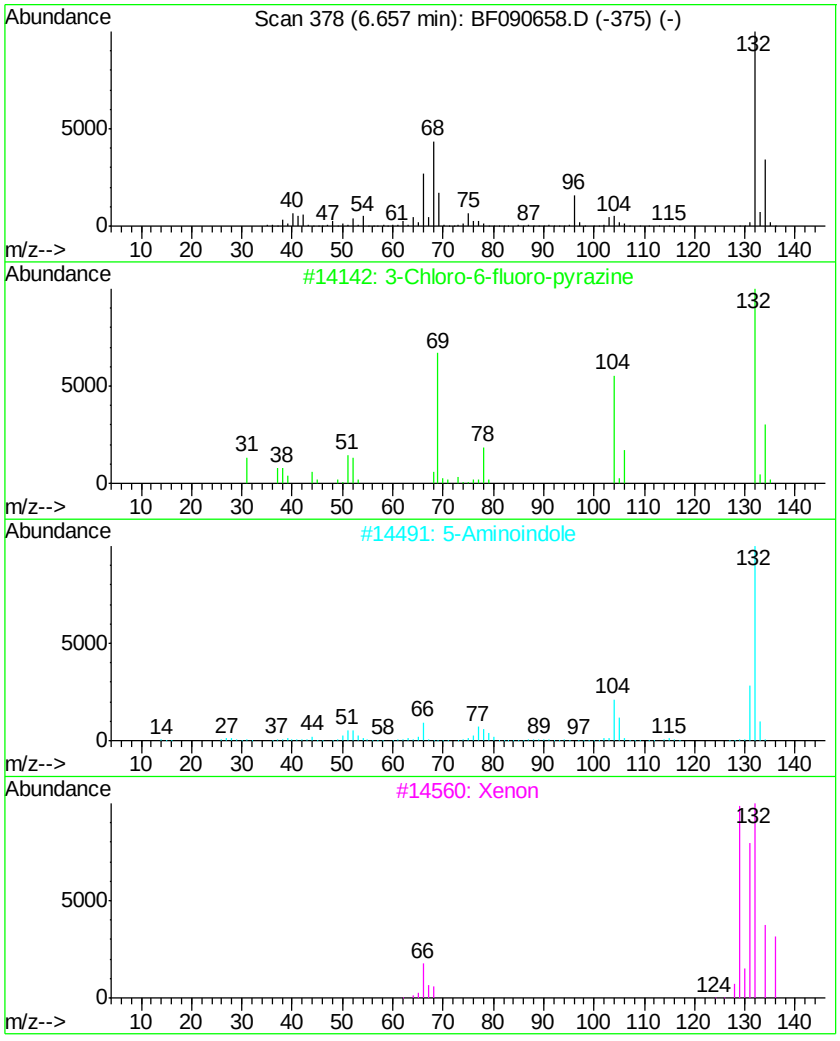
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

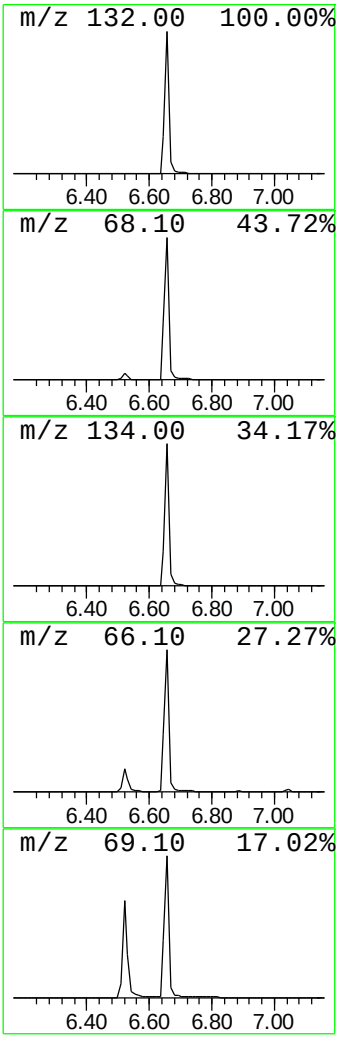
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	65.30 ng	4413840	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

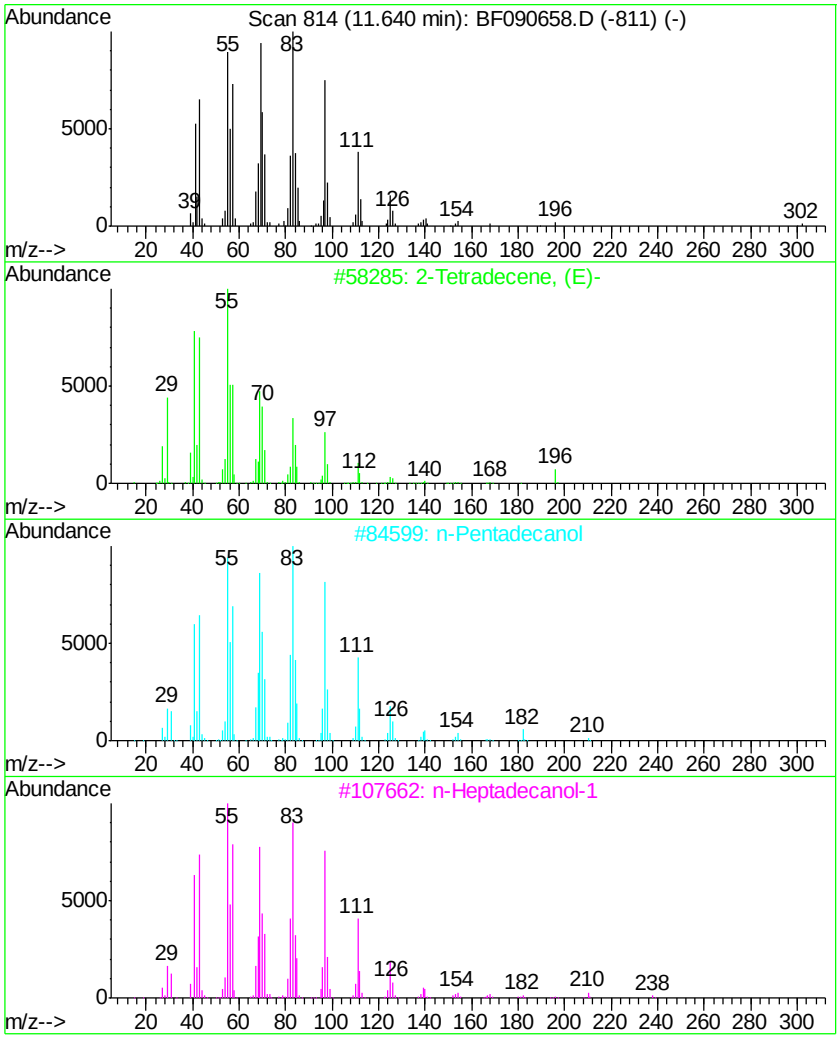
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

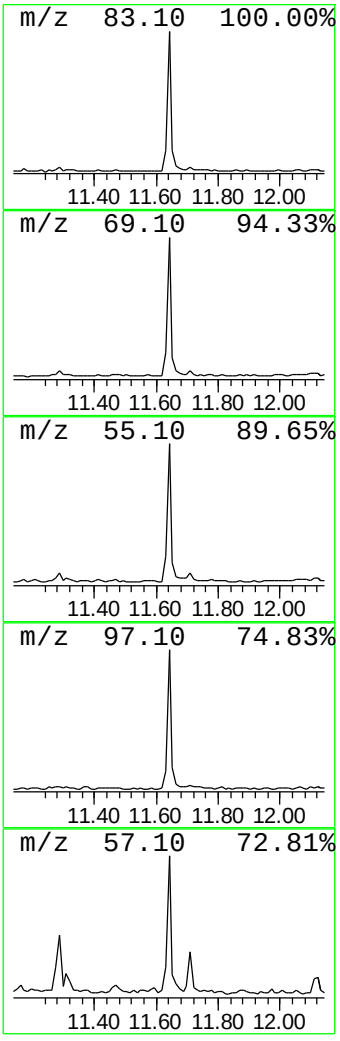
****

Peak Number 4 2-Tetradecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.56 ng	288303	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	98
2	n-Pentadecanol	228	C15H32O	000629-76-5	95
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	1-Tetradecanol	214	C14H30O	000112-72-1	94
5	Cyclotetradecane	196	C14H28	000295-17-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

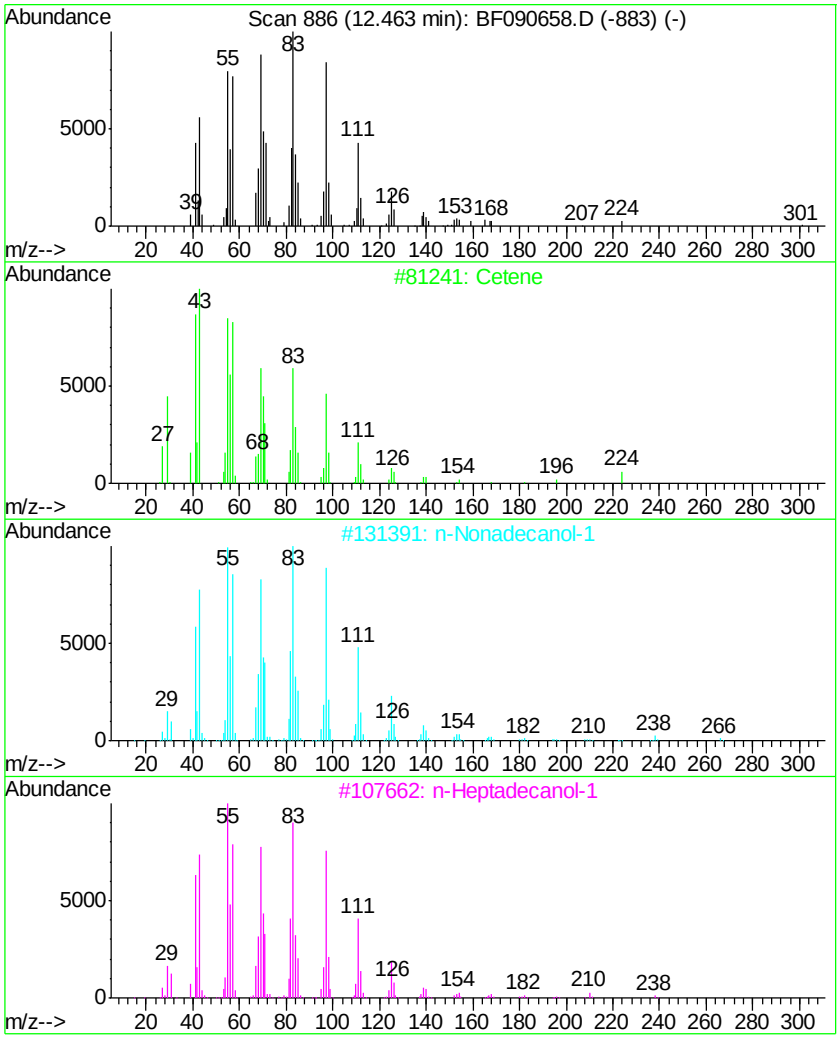
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

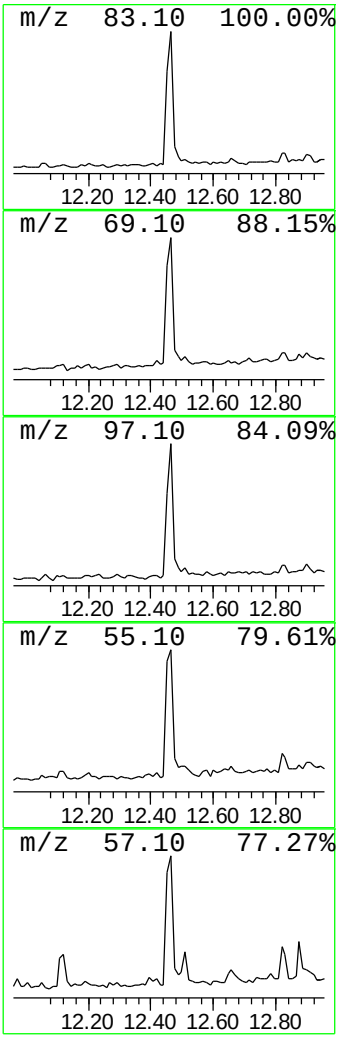
****

Peak Number 5 Cetene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.12 ng	171908	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	n-Pentadecanol	228	C15H32O	000629-76-5	94
5	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

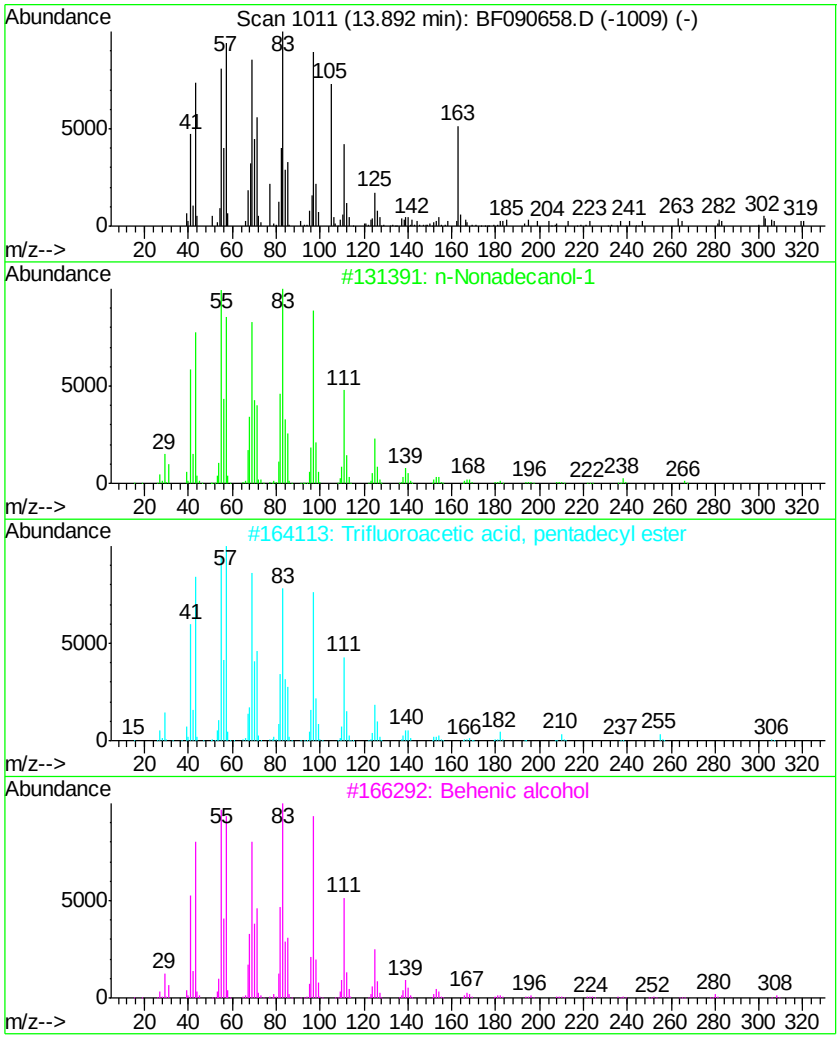
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

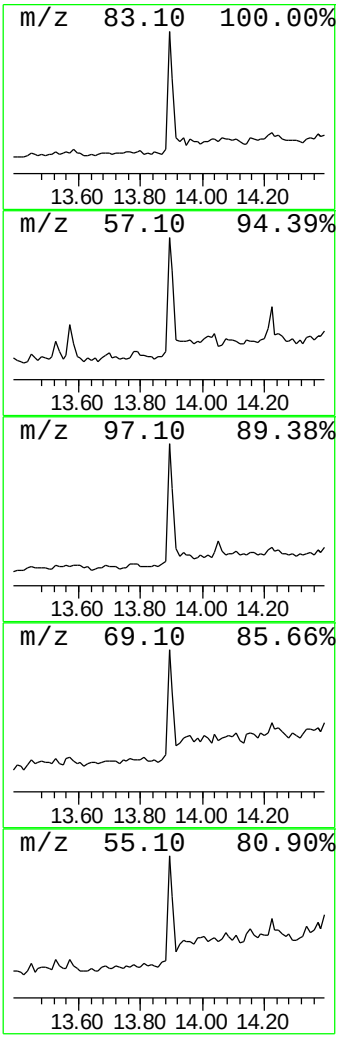
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.11 ng	217450	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090658.D
Acq On : 19 Oct 2016 20:05
Operator : UM/SJ
Sample : H5317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	15.3	ng	1033030	1	6.89	1351790	20.0
unknown6.66	6.66	65.3	ng	4413840	1	6.89	1351790	20.0
2-Tetradecene, (E)-	11.64	3.6	ng	288303	4	11.41	1618620	20.0
Cetene	12.46	2.1	ng	171908	4	11.41	1618620	20.0
n-Nonadecanol-1	13.89	3.1	ng	217450	5	14.05	1399020	20.0