LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

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-BF110817.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	2.228	20	24	35	rVB	60407	92176	1.94%	0.236%
2	5.140	515	519	530	rVB	693283	969198	20.41%	2.485%
3	5.528	579	585	588	rBV	4055213	4493170	94.63%	11.521%
4	6.528	748	755	758	rBV	3837888	4747924	100.00%	12.174%
5	6.675	774	780	783	rBV	4229228	4476486	94.28%	11.478%
6	6.904	815	819	822	rVB	1201536	1050224	22.12%	2.693%
7	7.057	841	845	849	rVB	3261752	3215929	67.73%	8.246%
8	7.463	908	914	917	rBV	2642080	2940000	61.92%	7.539%
9	8.181	1032	1036	1040	rVB	1574851	1372854	28.91%	3.520%
10	8.734	1127	1130	1134	rBV	167504	126068	2.66%	0.323%
11	9.263	1214	1220	1223	rBV	4346122	4545259	95.73%	11.655%
12	9.645	1282	1285	1288	rBV	124850	92905	1.96%	0.238%
13	9.939	1331	1335	1338	rBV	1676795	1398329	29.45%	3.586%
14	10.651	1450	1456	1459	rBV	558844	439125	9.25%	1.126%
15	10.728	1464	1469	1472	rBV	2778736	2653186	55.88%	6.803%
16	11.422	1584	1587	1591	rVB	1480564	1221324	25.72%	3.132%
17	11.939	1671	1675	1680	rBV	139127	125470	2.64%	0.322%
18	12.727	1805	1809	1818	rBV2	64994	84486	1.78%	0.217%
19	13.010	1852	1857	1860	rBV	3308445	3083794	64.95%	7.907%
20	13.892	2004	2007	2015	rBV3	48662	62053	1.31%	0.159%
21	14.063	2032	2036	2039	rVB	999588	895170	18.85%	2.295%
22	15.545	2282	2288	2296	rBV	742639	914103	19.25%	2.344%

Sum of corrected areas: 38999233

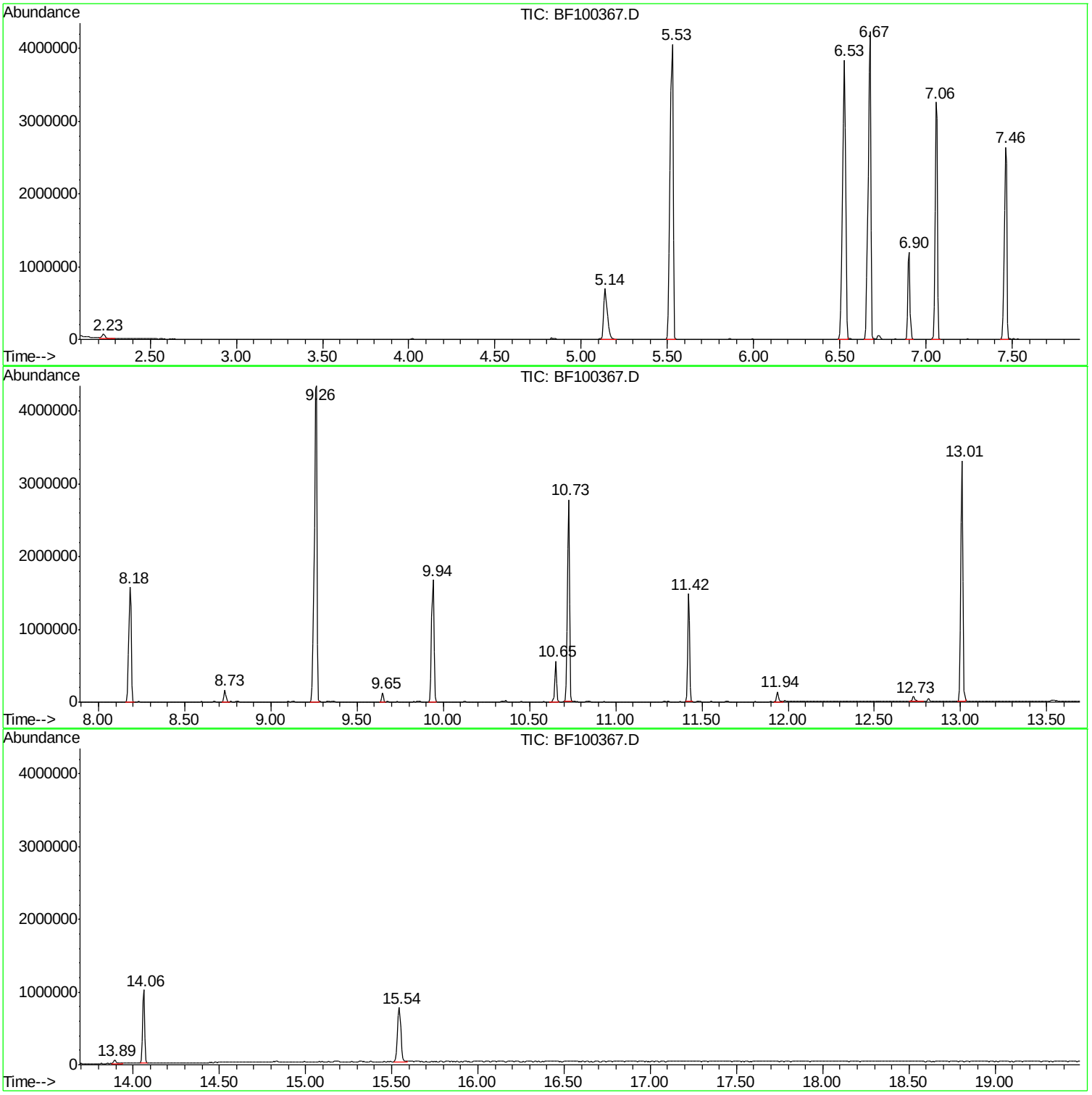
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

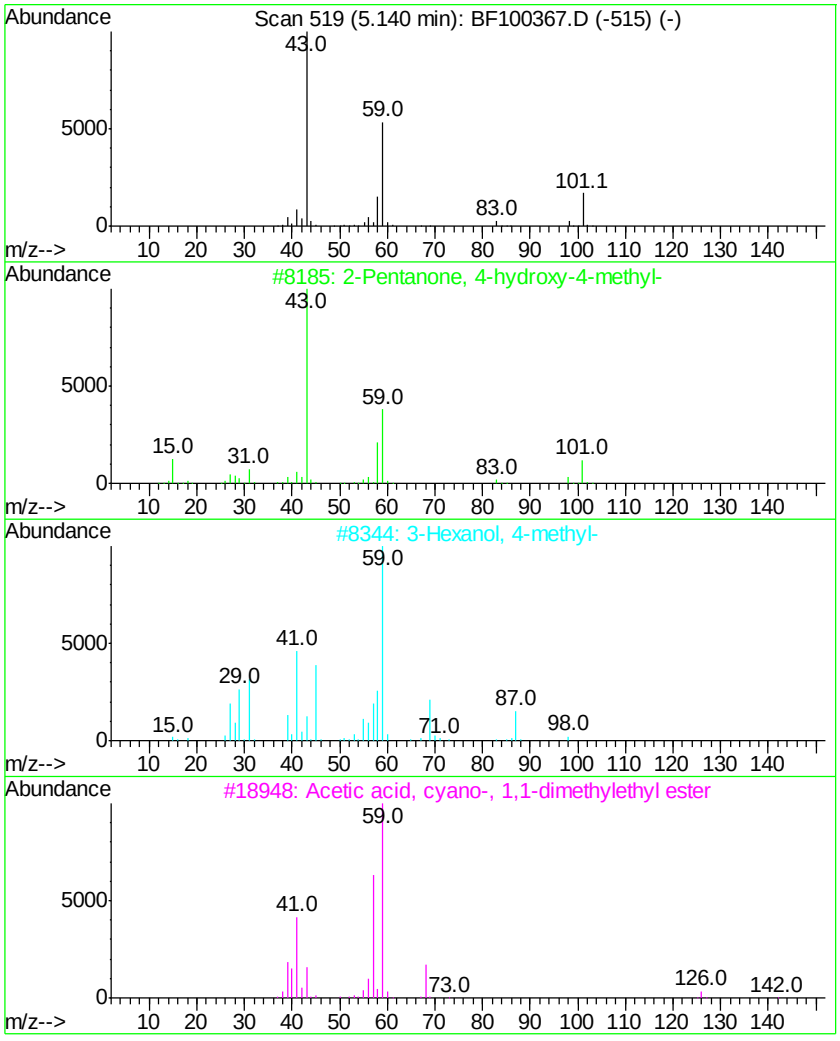
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

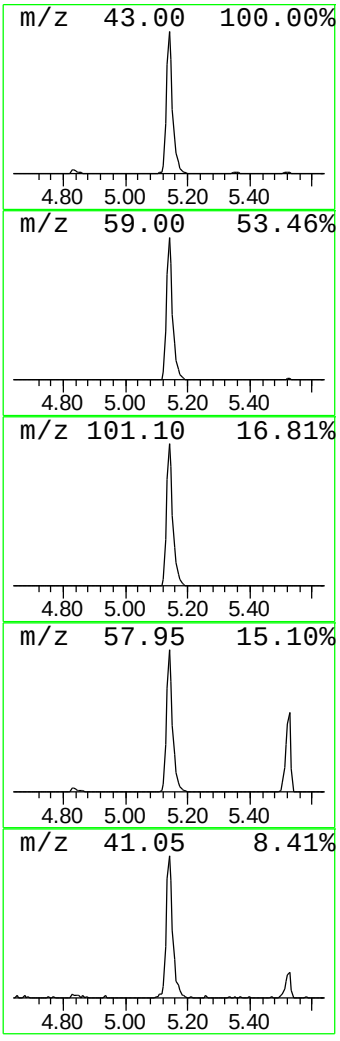
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	18.46 ng	969198	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

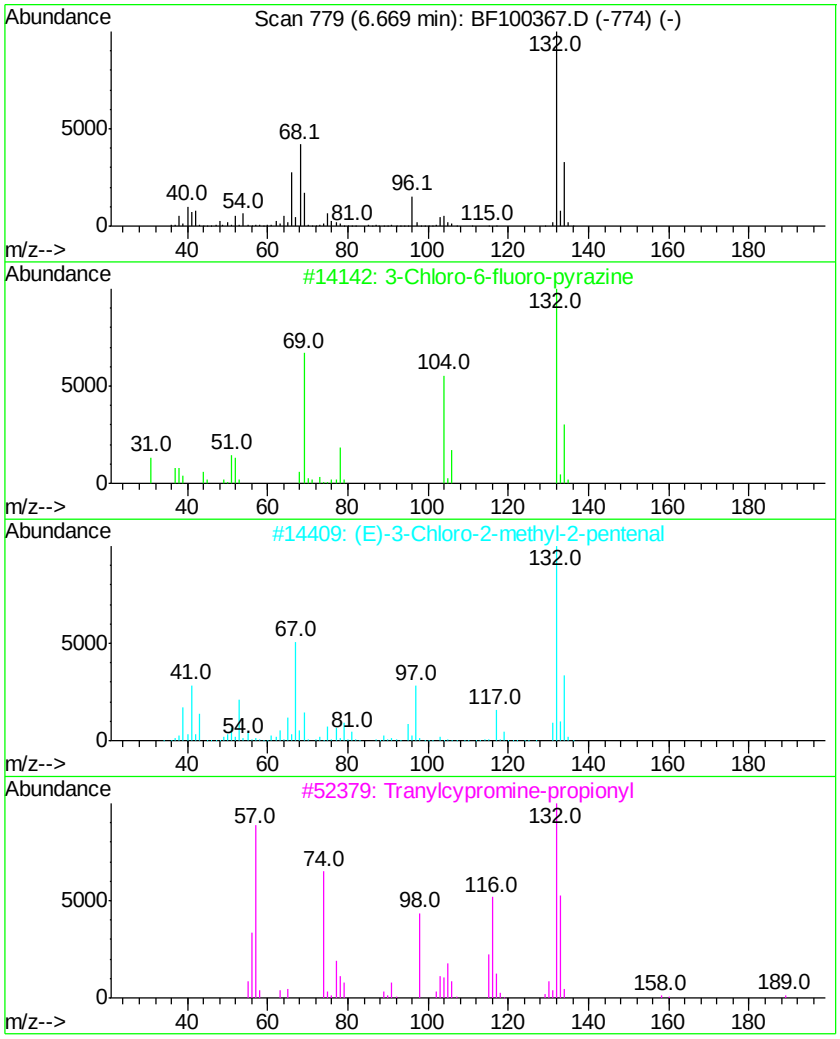
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

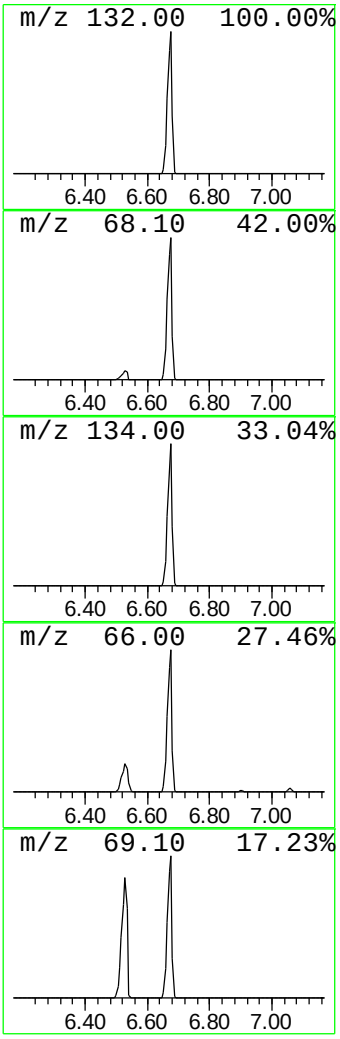
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	85.25 ng	4476490	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

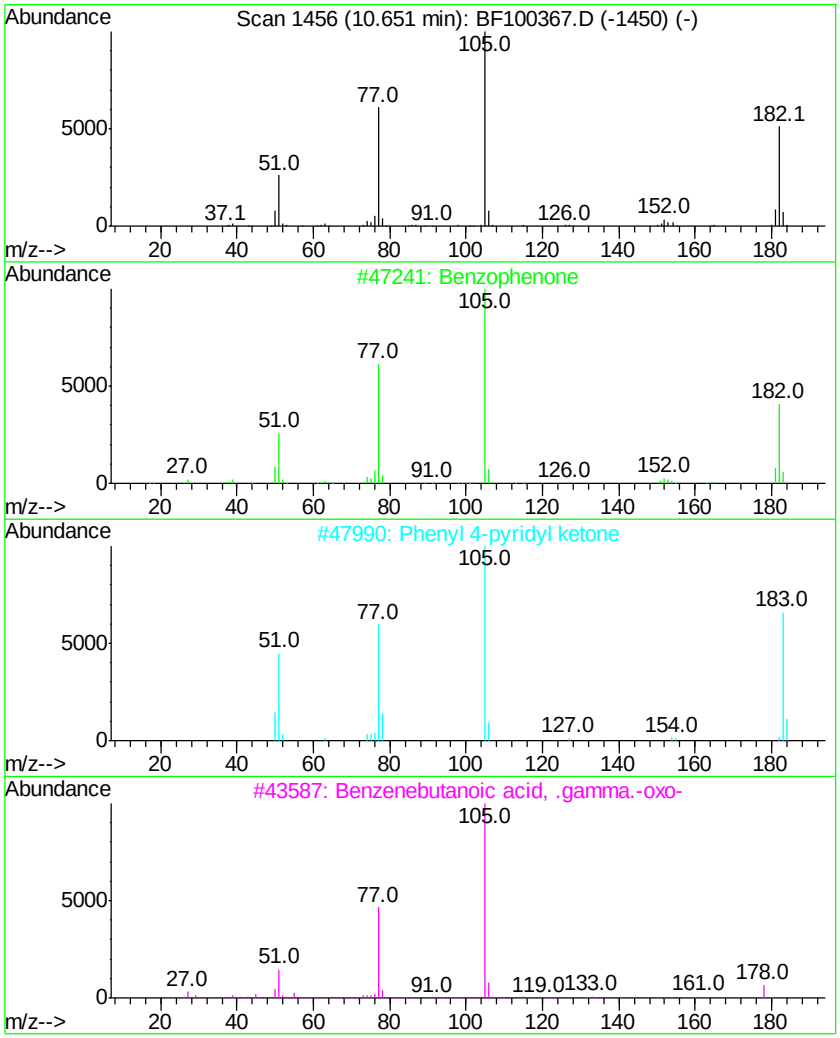
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

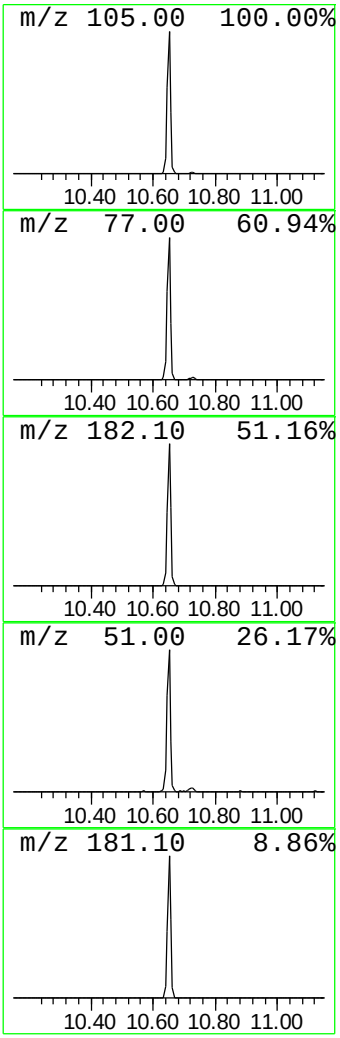
****

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	6.28 ng	439125	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

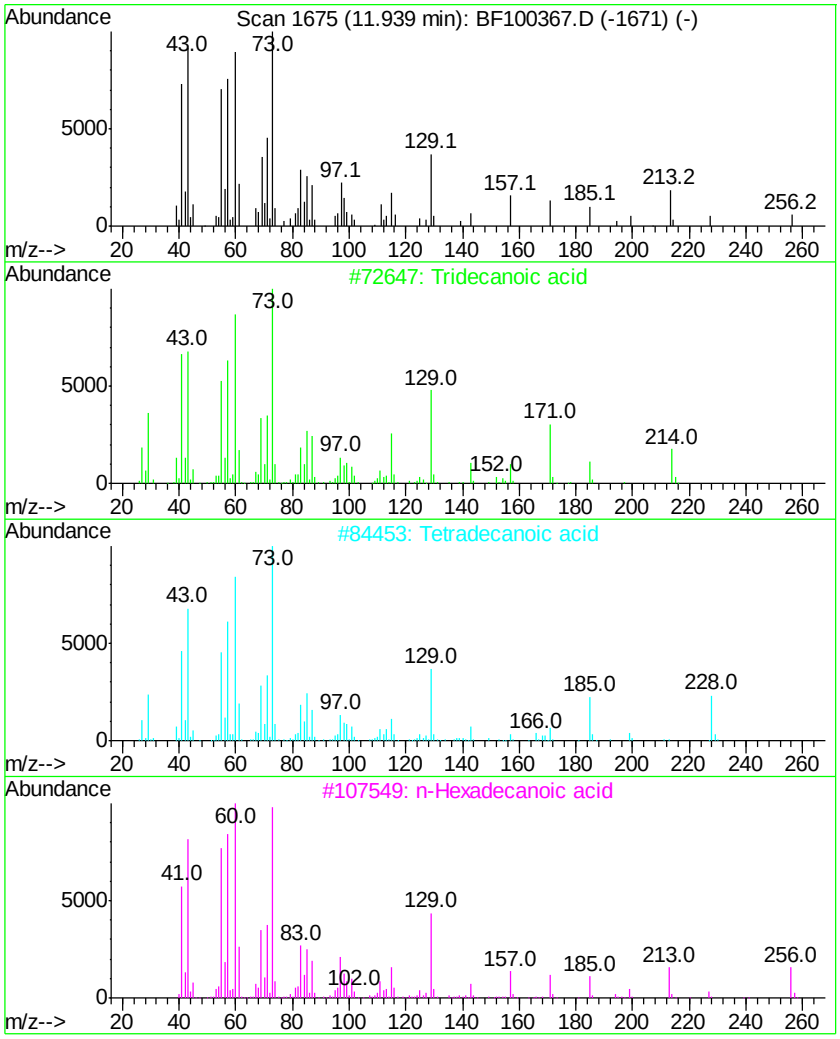
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

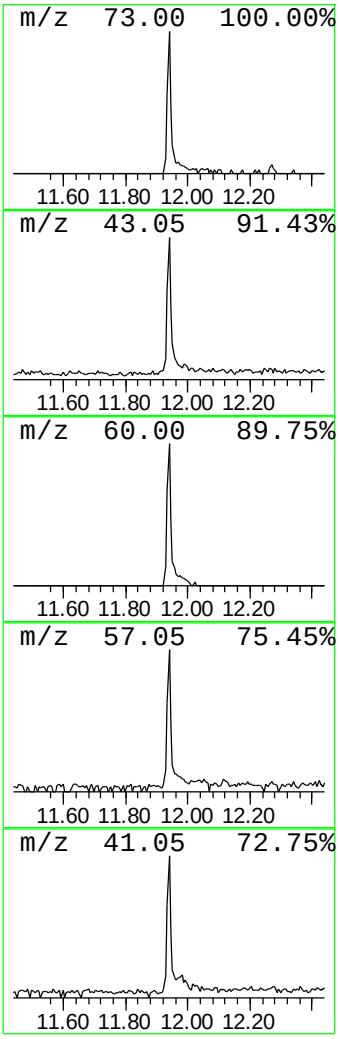
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.05 ng	125470	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	35
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	20





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.14	18.5	ng	969198	1	6.90	1050220	20.0
unknown6.67	6.67	85.3	ng	4476490	1	6.90	1050220	20.0
Benzophenone	10.65	6.3	ng	439125	3	9.94	1398330	20.0
Tridecanoic acid	11.94	2.0	ng	125470	4	11.42	1221320	20.0