LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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	32	rVB	46963	67111	1.67%	0.179%
2	5.134	513	518	529	rVB	550471	711242	17.68%	1.902%
3	5.522	578	584	587	rBV	3353269	3449486	85.76%	9.225%
4	6.522	748	754	757	rBV	3231898	3597699	89.44%	9.621%
5	6.669	774	779	782	rBV	3523350	3492961	86.84%	9.341%
6	6.722	785	788	793	rVB	73203	55868	1.39%	0.149%
7	6.898	814	818	822	rBV	1226795	1012572	25.17%	2.708%
8	7.057	840	845	848	rVB	2950866	2624466	65.25%	7.019%
9	7.463	908	914	917	rBV	2195695	2279952	56.68%	6.097%
10	8.180	1031	1036	1039	rBV	1597153	1351939	33.61%	3.616%
11	8.733	1126	1130	1133	rVB	60664	47344	1.18%	0.127%
12	9.257	1213	1219	1222	rBV	4142433	3986233	99.10%	10.661%
13	9.645	1281	1285	1289	rBV	761161	616295	15.32%	1.648%
14	9.933	1329	1334	1338	rBV	1545556	1544422	38.40%	4.130%
15	10.651	1451	1456	1459	rBV	196762	178321	4.43%	0.477%
16	10.727	1463	1469	1472	rBV	2563160	2702003	67.17%	7.226%
17	11.421	1583	1587	1591	rBV	1885230	1677714	41.71%	4.487%
18	11.939	1670	1675	1689	rBV	510206	503895	12.53%	1.348%
19	12.727	1804	1809	1816	rBV	308697	327357	8.14%	0.875%
20	12.821	1821	1825	1828	rBV2	99333	91742	2.28%	0.245%
21	13.010	1852	1857	1860	rBV	3990805	4022412	100.00%	10.757%
22	13.527	1942	1945	1949	rBV2	62607	63472	1.58%	0.170%
23	13.892	2004	2007	2019	rBV2	181169	198771	4.94%	0.532%
24	14.062	2029	2036	2039	rBV	1770215	1589531	39.52%	4.251%
25	15.545	2282	2288	2296	rBV	911125	1199700	29.83%	3.208%

Sum of corrected areas: 37392508

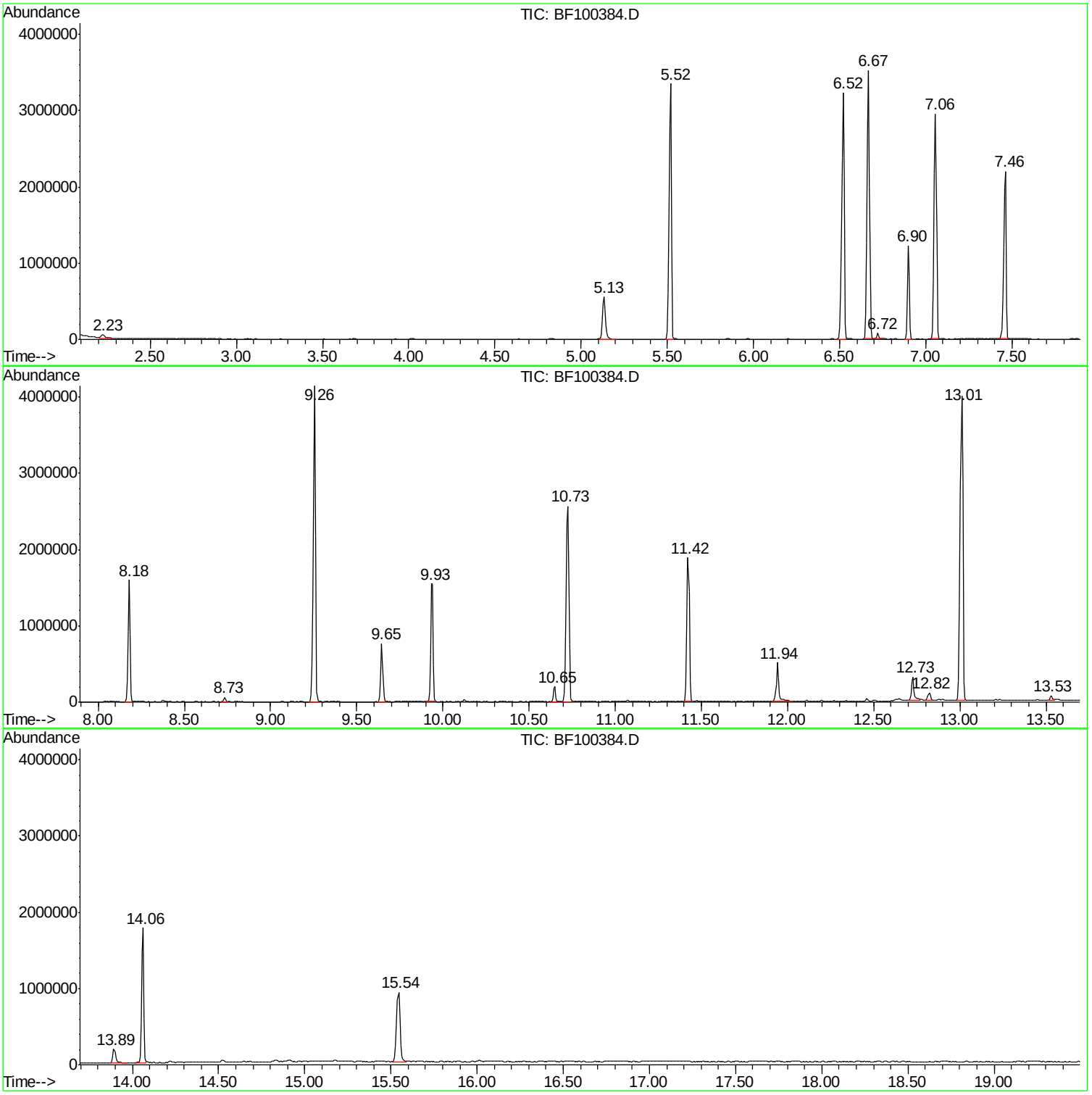
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(40-42)

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\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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

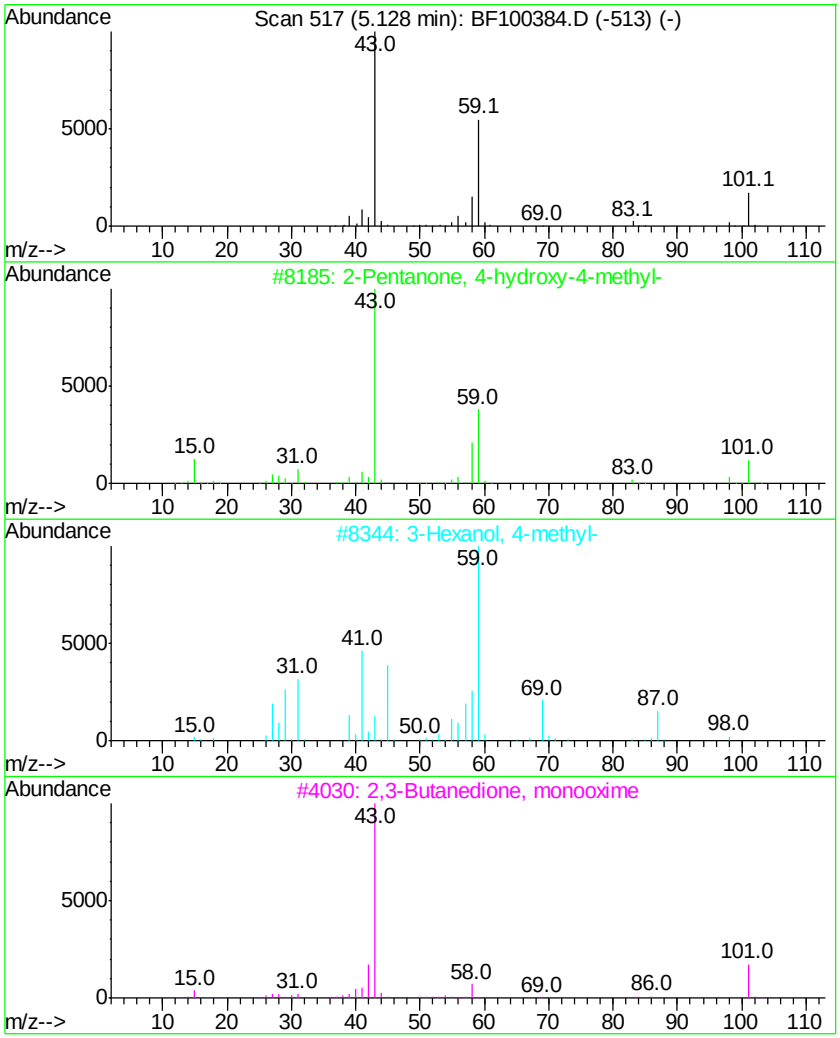
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

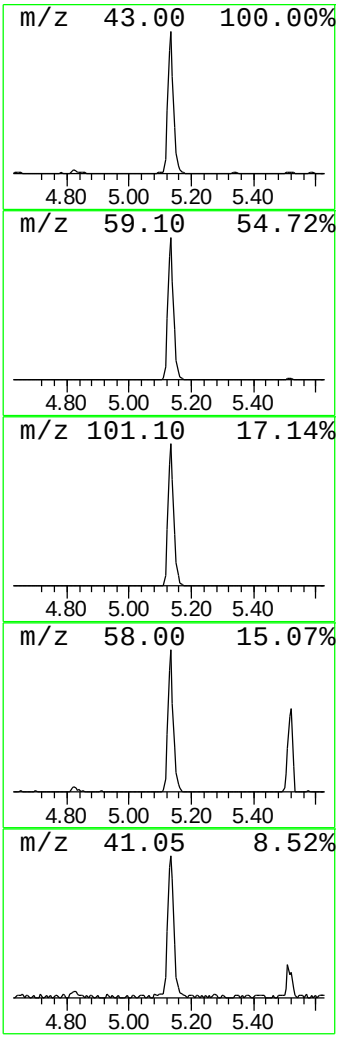
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.05 ng	711242	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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

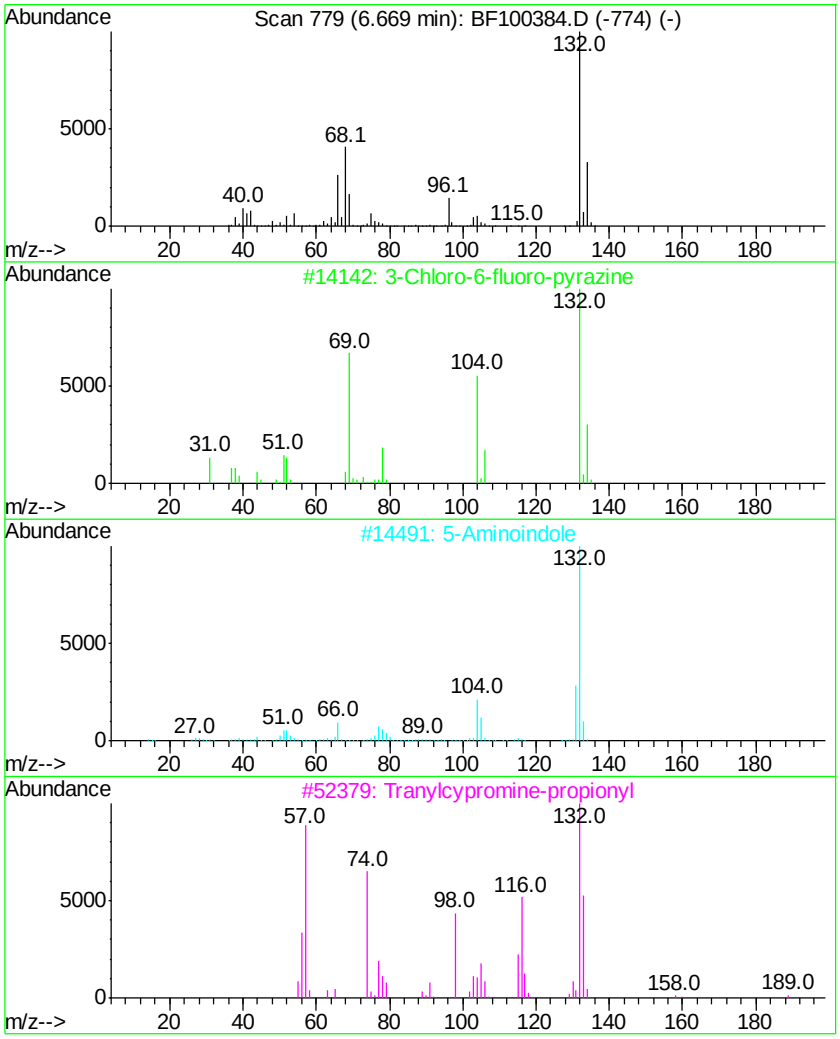
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

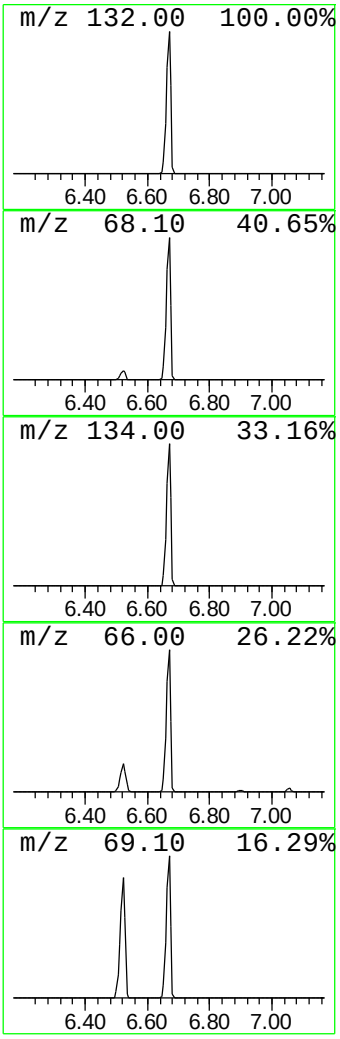
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	68.99 ng	3492960	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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

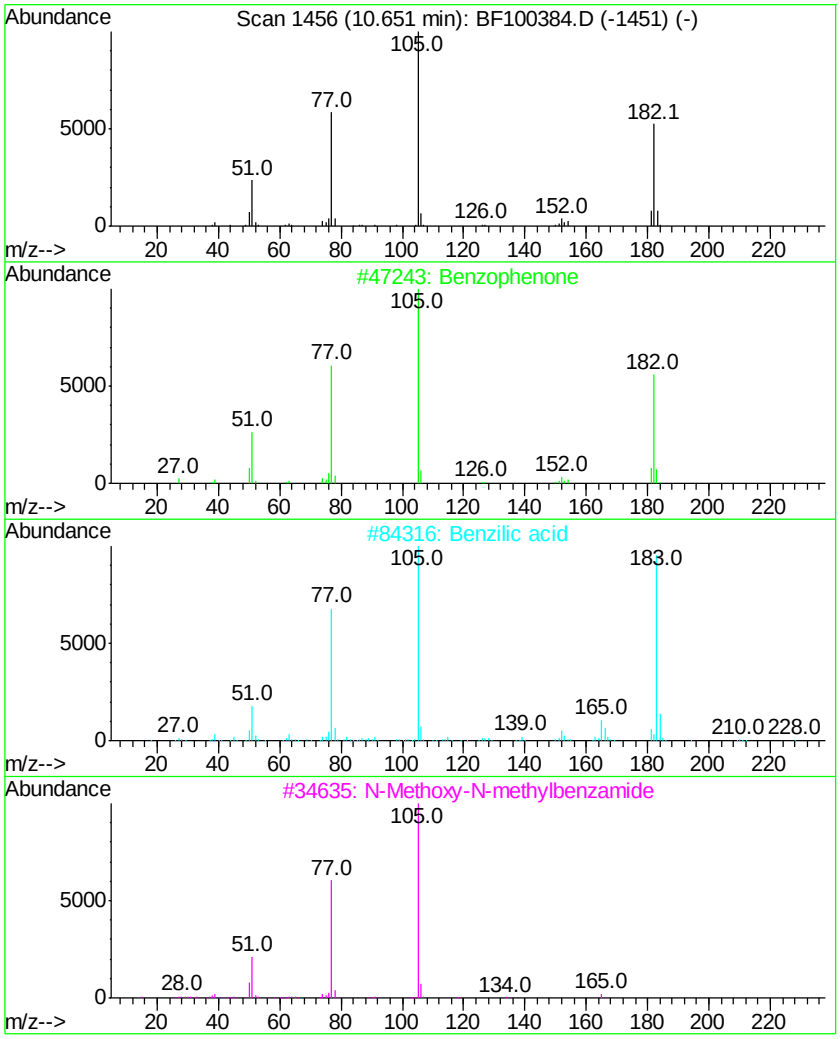
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

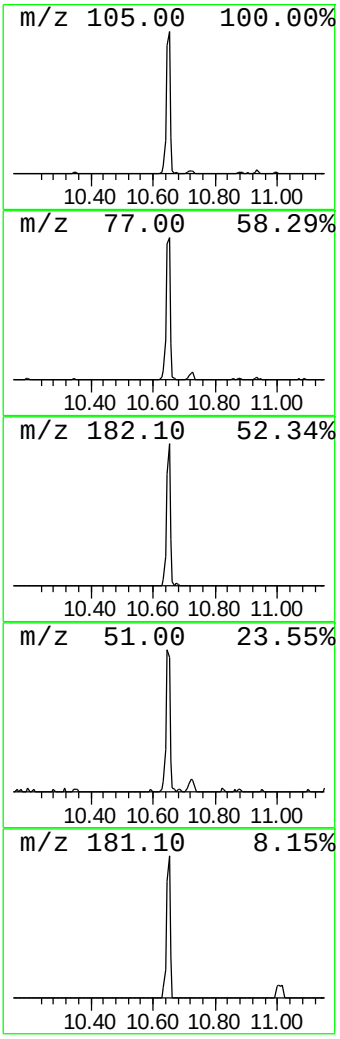
****

Peak Number 4 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.31 ng	178321	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzilic acid	228	C14H12O3	000076-93-7	47
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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

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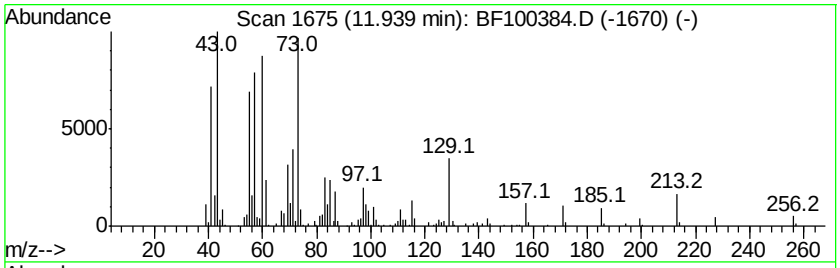
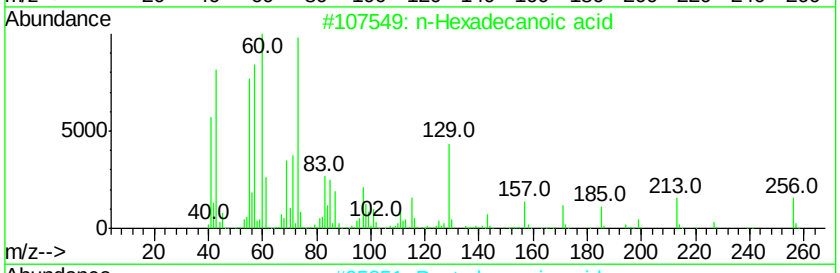
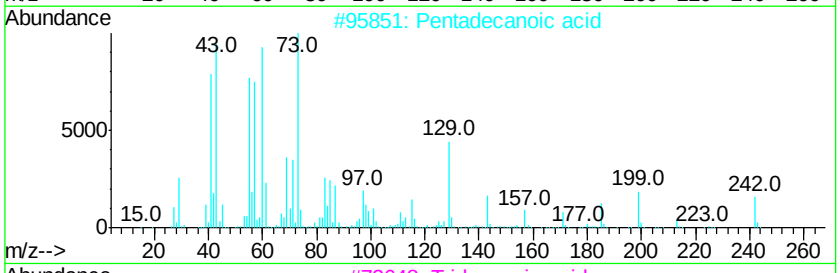
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

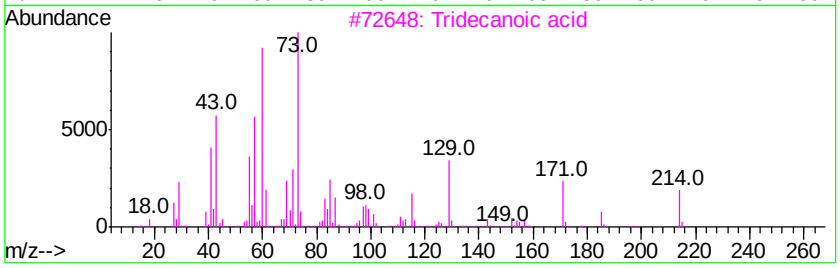
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.01 ng	503895	Phenanthrene-d10	11.42

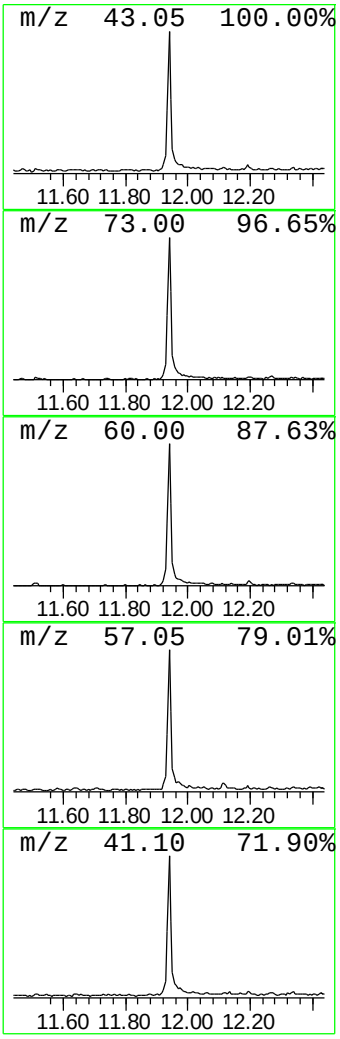
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	25











Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100384.D
Acq On : 10 Nov 2017 12:12
Operator : SJ/JU
Sample : I6346-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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

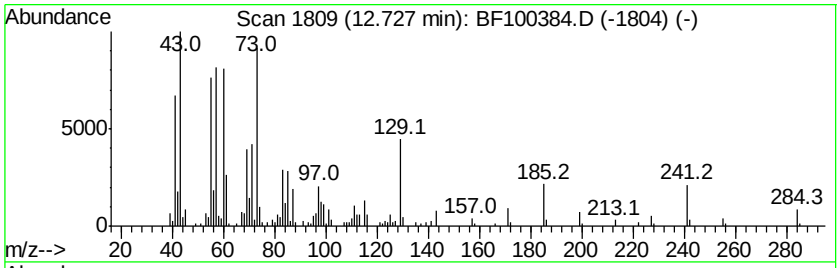
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

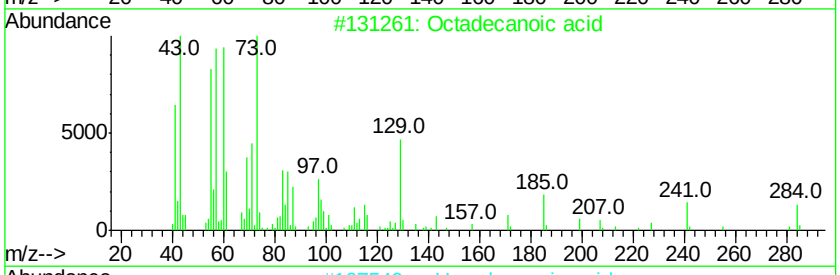
****

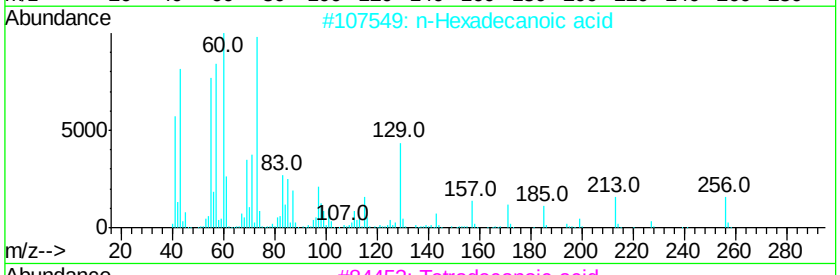
Peak Number 6 Octadecanoic acid Concentration Rank 5

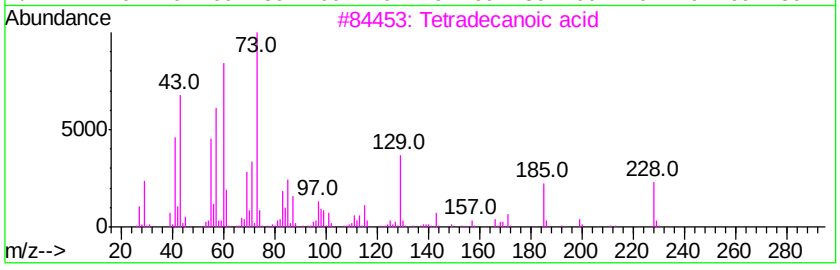
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.90 ng	327357	Phenanthrene-d10	11.42

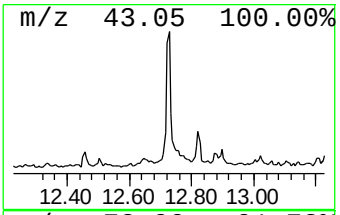
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55

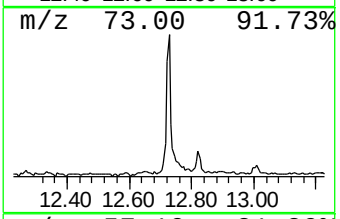


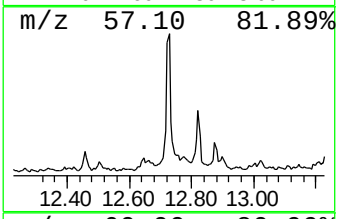


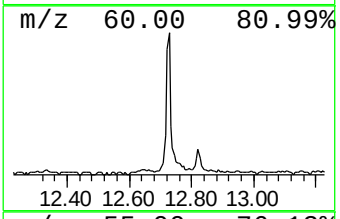


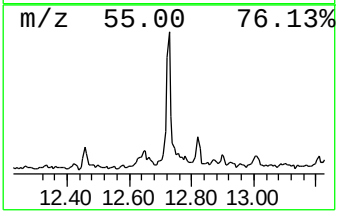












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
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Misc :
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Instrument : BNA_F
ClientSampleId : EPE-120-5(40-42)

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

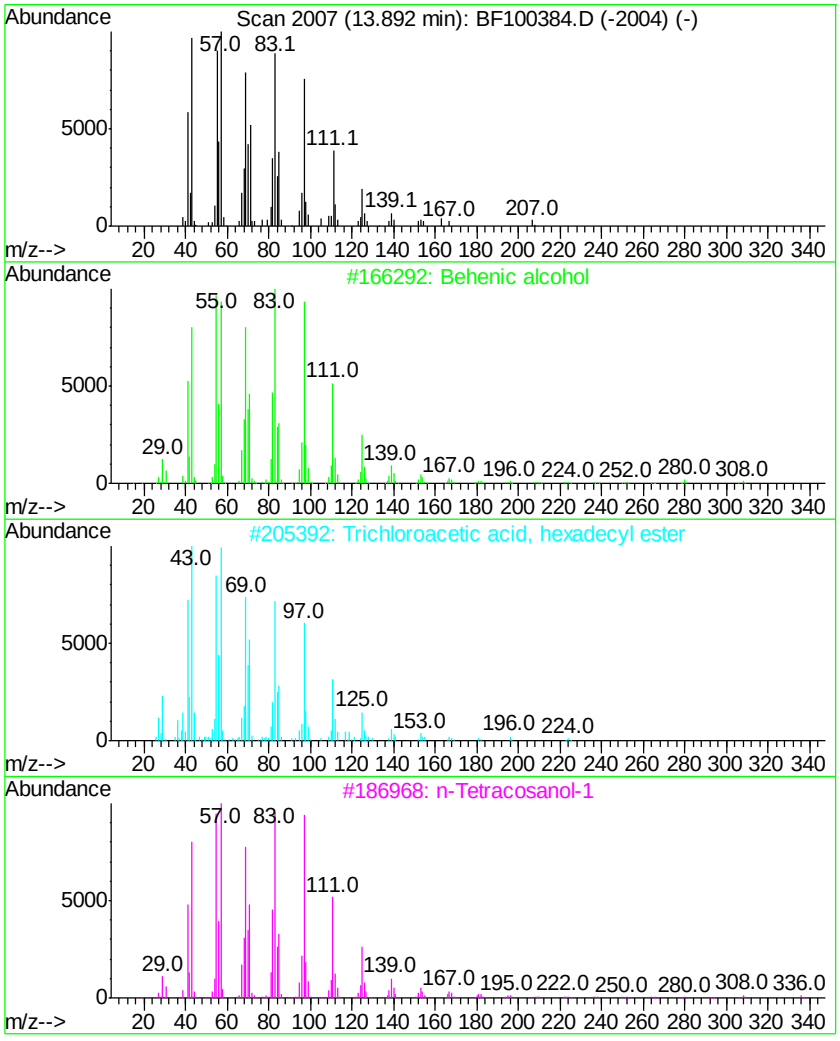
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

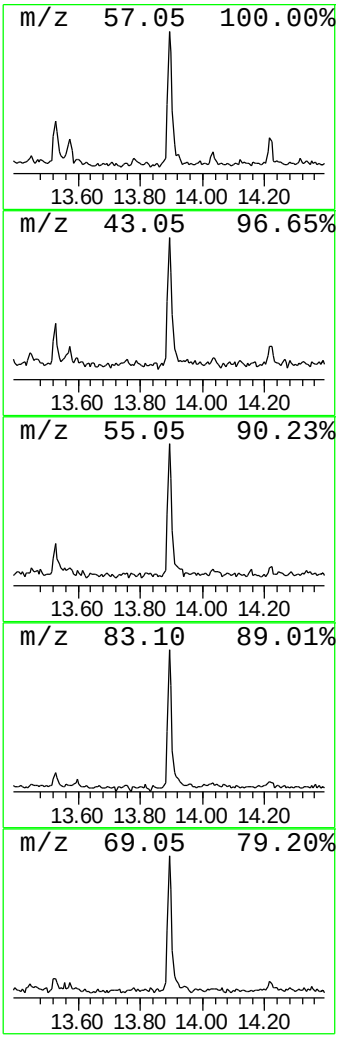
****

Peak Number 7 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.50 ng	198771	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111017\
Data File : BF100384.D
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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...	5.13	14.1	ng	711242	1	6.90	1012570	20.0
unknown6.67	6.67	69.0	ng	3492960	1	6.90	1012570	20.0
Benzophenone	10.65	2.3	ng	178321	3	9.93	1544420	20.0
n-Hexadecanoic acid	11.94	6.0	ng	503895	4	11.42	1677710	20.0
Octadecanoic acid	12.73	3.9	ng	327357	4	11.42	1677710	20.0
Behenic alcohol	13.89	2.5	ng	198771	5	14.06	1589530	20.0