LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104599.D
Acq On : 18 Apr 2018 14:11
Operator : JU/SJ
Sample : J2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

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-BF040618.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	5.016	494	498	509	rVB	107784	138928	4.91%	0.555%
2	5.422	562	567	570	rBV	2866951	2764406	97.62%	11.050%
3	6.440	735	740	754	rVB	2450323	2831683	100.00%	11.319%
4	6.575	758	763	766	rBV	3076183	2821862	99.65%	11.280%
5	6.804	798	802	805	rBV	916924	750855	26.52%	3.001%
6	6.957	824	828	832	rBV	2418395	2210024	78.05%	8.834%
7	7.369	893	898	901	rBV	1888451	1753515	61.92%	7.009%
8	7.457	908	913	925	rVB	33821	47964	1.69%	0.192%
9	8.087	1016	1020	1023	rBV	1156679	935148	33.02%	3.738%
10	9.163	1199	1203	1206	rBV	3254609	2745902	96.97%	10.976%
11	9.557	1266	1270	1277	rBV	397598	354059	12.50%	1.415%
12	9.769	1302	1306	1310	rVB	90286	70359	2.48%	0.281%
13	9.839	1314	1318	1328	rVB2	1054516	938735	33.15%	3.752%
14	10.269	1388	1391	1394	rVB	107816	83798	2.96%	0.335%
15	10.486	1423	1428	1430	rBV	28267	33128	1.17%	0.132%
16	10.633	1449	1453	1465	rVB	1619950	1497876	52.90%	5.988%
17	10.739	1468	1471	1479	rVB	94628	92771	3.28%	0.371%
18	11.192	1544	1548	1550	rBV	42018	38313	1.35%	0.153%
19	11.328	1568	1571	1579	rBV	898240	770484	27.21%	3.080%
20	12.916	1837	1841	1845	rBV	2099951	1986174	70.14%	7.939%
21	13.810	1989	1993	2000	rBV	288251	302449	10.68%	1.209%
22	13.974	2017	2021	2029	rVB	886090	799605	28.24%	3.196%
23	14.451	2098	2102	2105	rBV4	30574	44015	1.55%	0.176%
24	14.821	2162	2165	2169	rVB	67021	68490	2.42%	0.274%
25	15.439	2265	2270	2279	rBV	634500	869209	30.70%	3.475%
26	15.939	2351	2355	2360	rBV3	44598	66643	2.35%	0.266%

Sum of corrected areas: 25016395

LSC Report - Integrated Chromatogram

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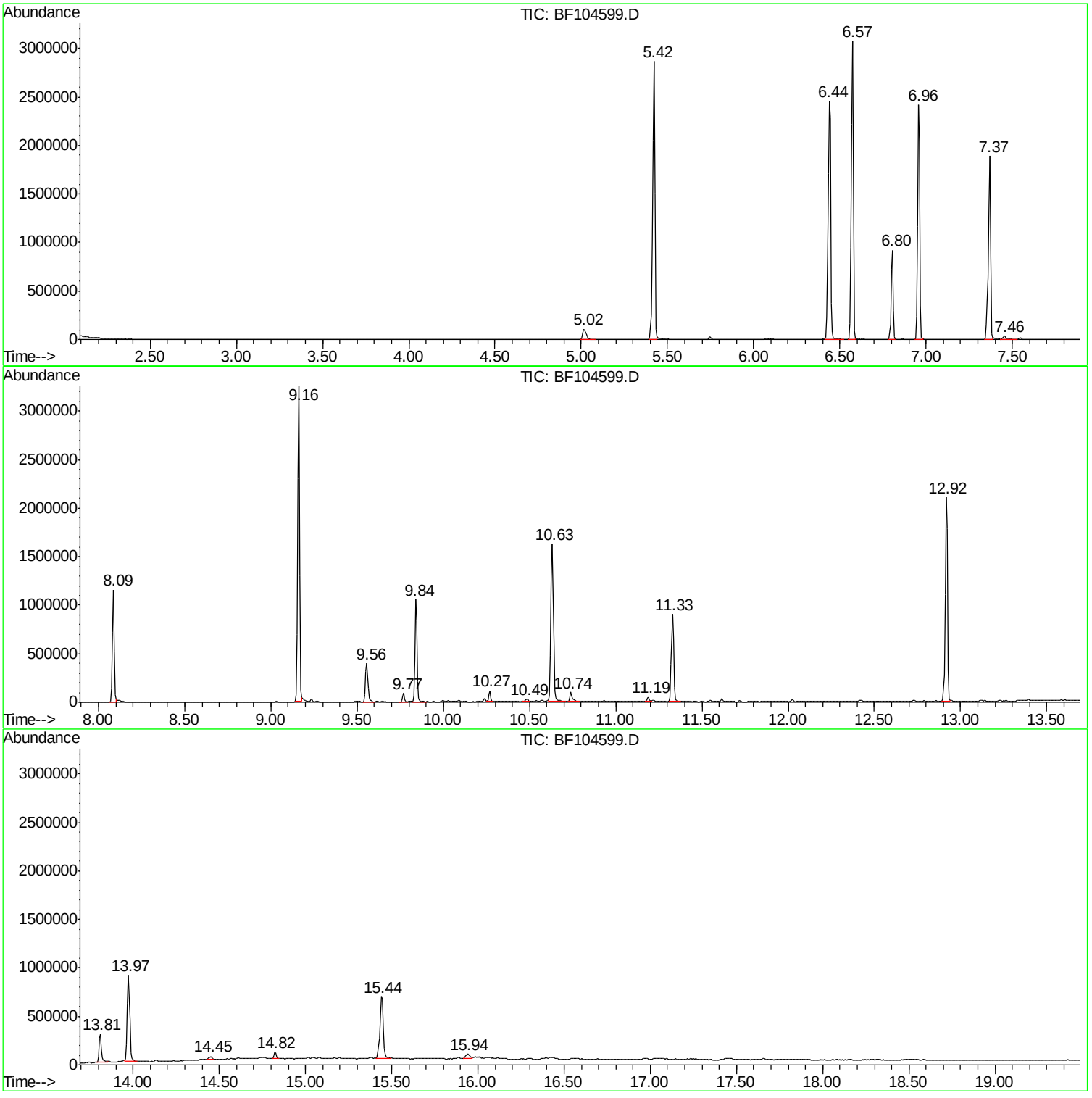
Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF041818\
Data File : BF104599.D
Acq On : 18 Apr 2018 14:11
Operator : JU/SJ
Sample : J2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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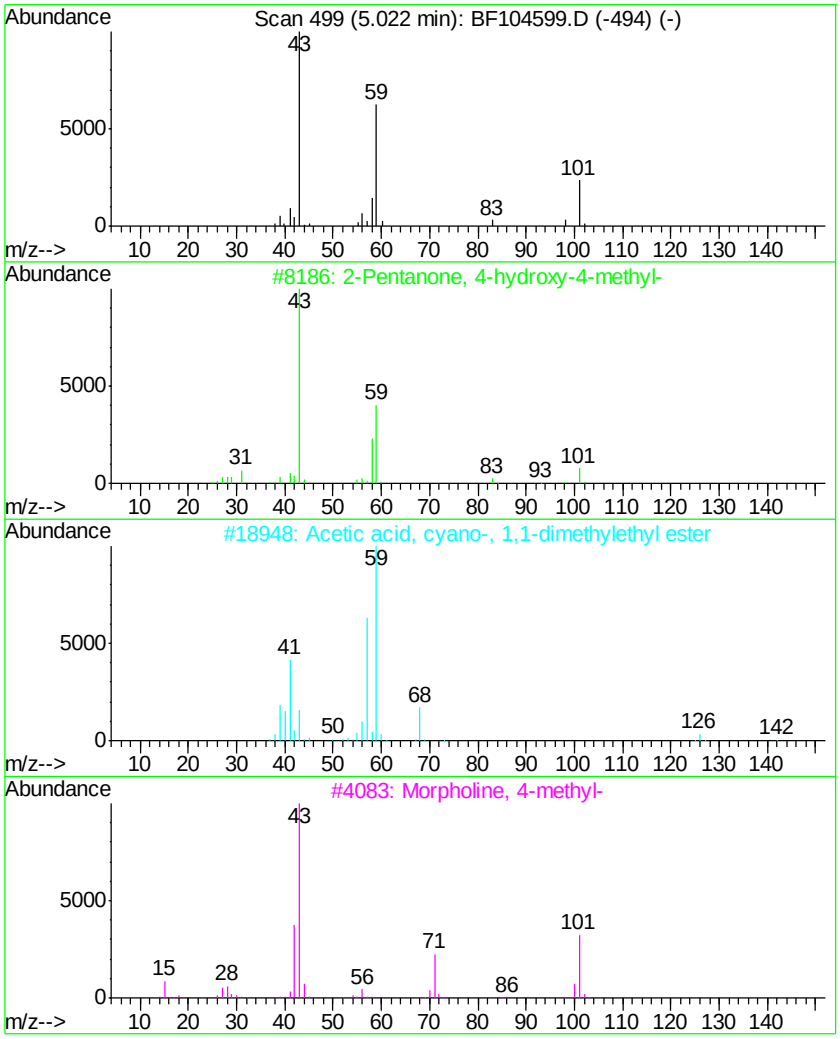
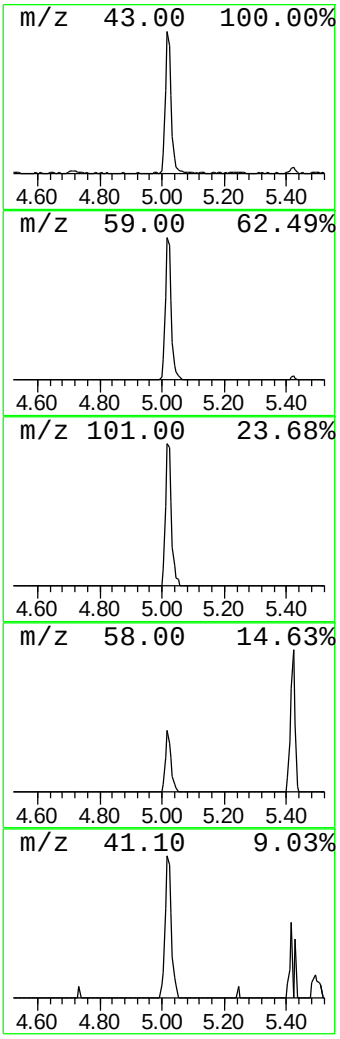
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.70 ng	138928	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Data File : BF104599.D
Acq On : 18 Apr 2018 14:11
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Sample : J2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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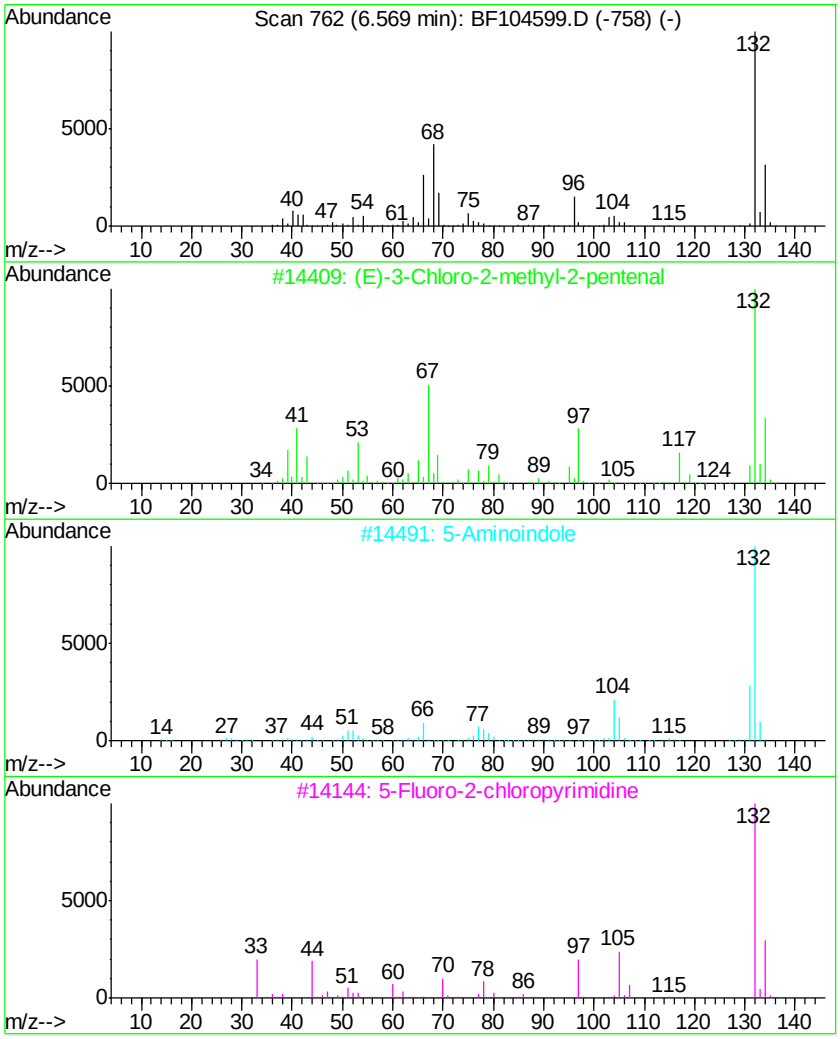
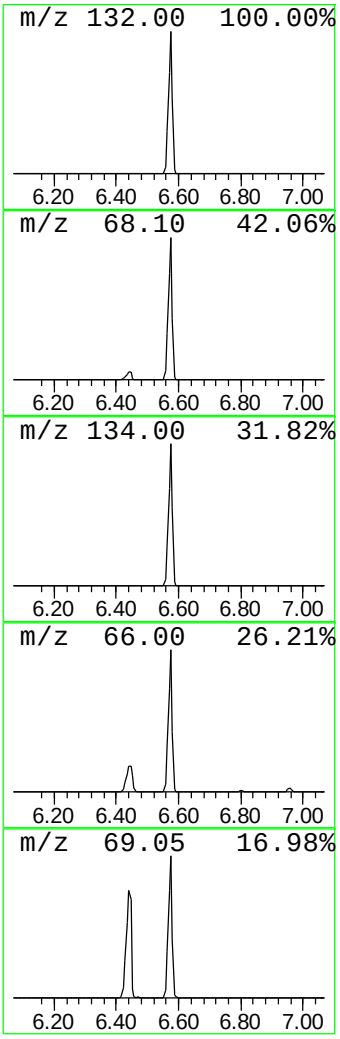
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	75.16 ng	2821860	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Data File : BF104599.D
Acq On : 18 Apr 2018 14:11
Operator : JU/SJ
Sample : J2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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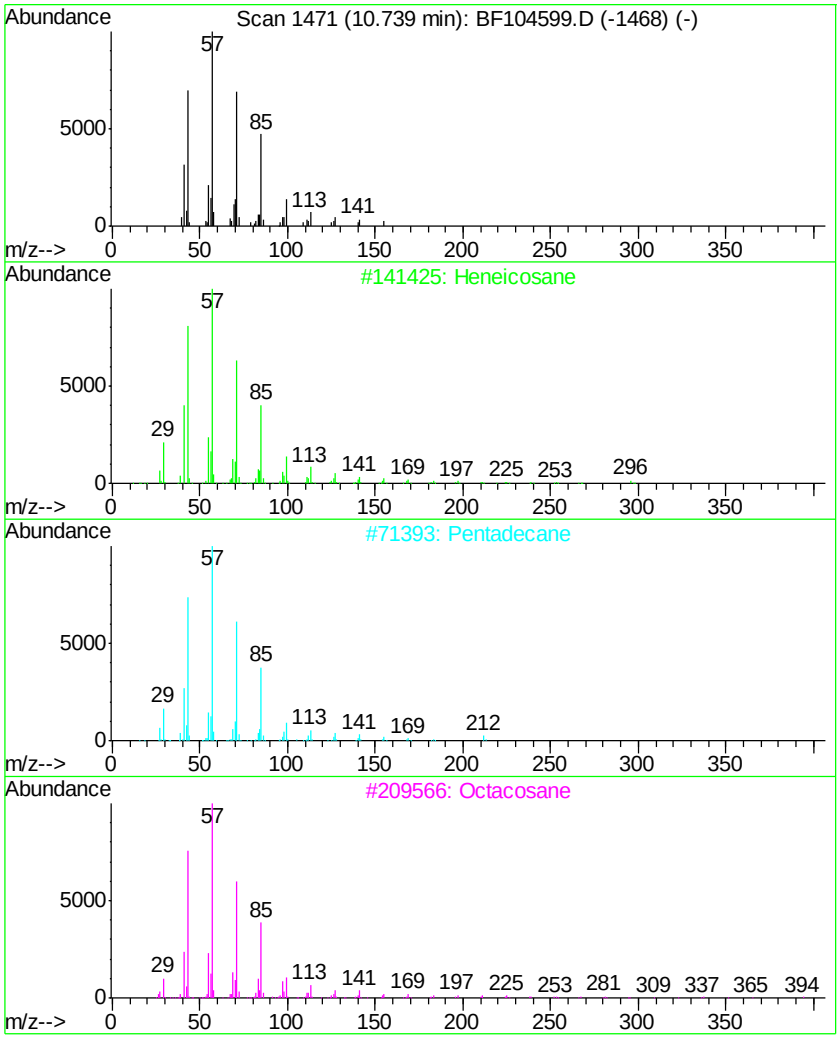
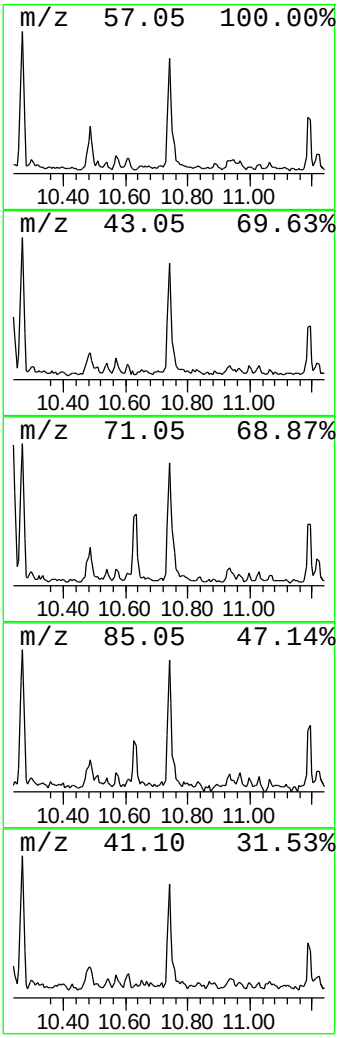
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.41 ng	92771	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104599.D
Acq On : 18 Apr 2018 14:11
Operator : JU/SJ
Sample : J2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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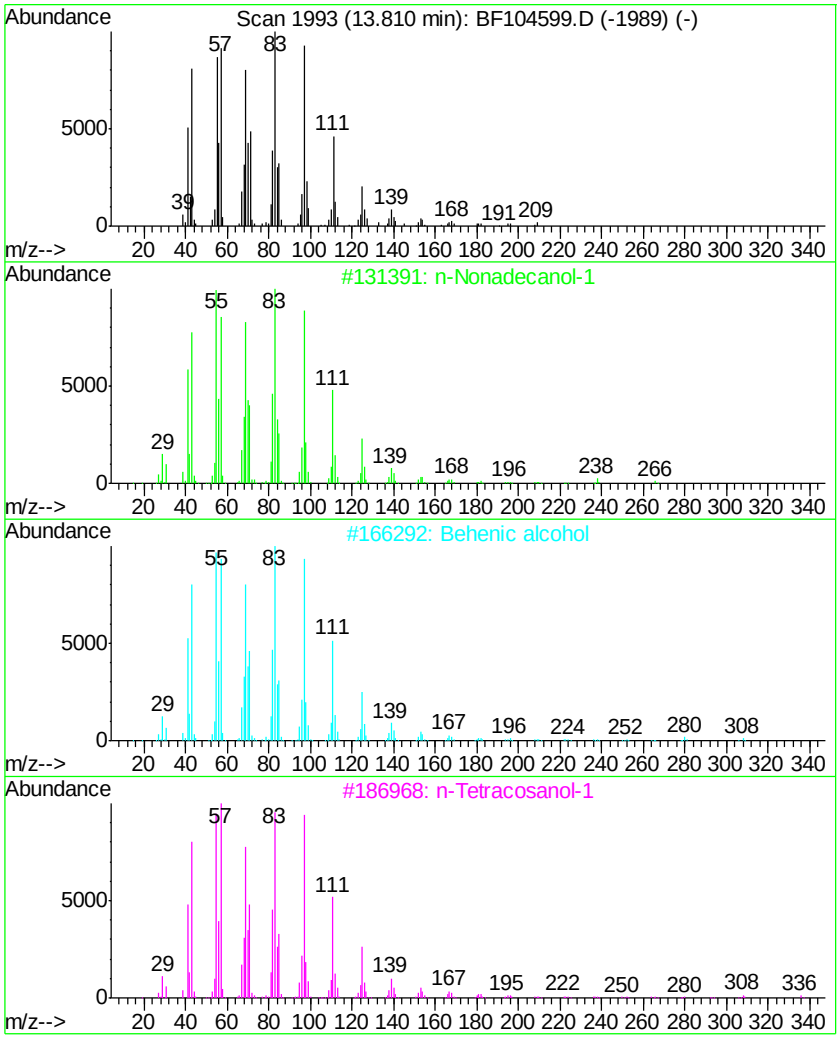
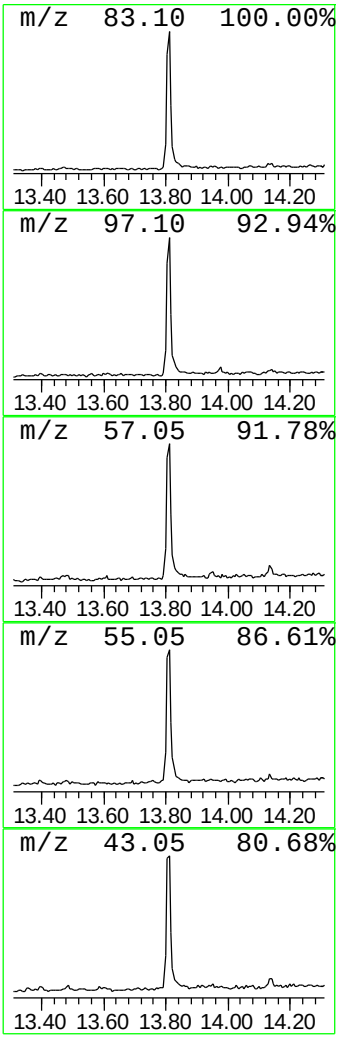
Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.56 ng	302449	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041818\
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Operator : JU/SJ
Sample : J2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-B1-0-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.02	3.7	ng	138928	1	6.80	750855	20.0
unknown6.57	6.57	75.2	ng	2821860	1	6.80	750855	20.0
Heneicosane	10.74	2.4	ng	92771	4	11.33	770484	20.0
n-Nonadecanol-1	13.81	7.6	ng	302449	5	13.97	799605	20.0