LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103305.D
Acq On : 28 Feb 2018 20:44
Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

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-BF022218.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	2.163	6	13	21	rVB	336303	454901	10.14%	1.225%
2	5.116	512	515	524	rBV	130535	189838	4.23%	0.511%
3	5.504	576	581	584	rBV	4179022	4398522	98.08%	11.843%
4	6.510	747	752	770	rBV	3679871	4484678	100.00%	12.075%
5	6.645	771	775	779	rBV	4077258	4249093	94.75%	11.441%
6	6.869	810	813	820	rBV	1053388	992934	22.14%	2.673%
7	7.028	836	840	844	rBV	3334784	3209310	71.56%	8.641%
8	7.440	905	910	913	rBV	2852834	2922056	65.16%	7.868%
9	8.157	1028	1032	1044	rBV	1271034	1269286	28.30%	3.418%
10	9.145	1197	1200	1202	rBV	65325	63590	1.42%	0.171%
11	9.234	1210	1215	1218	rBV	3319522	3542925	79.00%	9.539%
12	9.304	1223	1227	1230	rVV	228920	250691	5.59%	0.675%
13	9.616	1276	1280	1284	rBV2	783194	910720	20.31%	2.452%
14	9.669	1287	1289	1293	rBV2	236901	241761	5.39%	0.651%
15	9.704	1293	1295	1296	rBV2	100090	79034	1.76%	0.213%
16	9.775	1303	1307	1309	rBV2	730918	727971	16.23%	1.960%
17	9.798	1309	1311	1312	rVV2	214958	183184	4.08%	0.493%
18	9.816	1312	1314	1318	rVB2	1013343	1010648	22.54%	2.721%
19	9.857	1318	1321	1323	rBV2	243307	298734	6.66%	0.804%
20	9.892	1324	1327	1328	rVV	395674	391759	8.74%	1.055%
21	9.916	1328	1331	1333	rVB	984101	870717	19.42%	2.344%
22	9.957	1333	1338	1340	rBV2	268269	474627	10.58%	1.278%
23	10.157	1370	1372	1376	rBV3	231498	328268	7.32%	0.884%
24	10.245	1385	1387	1390	rVB	362255	257993	5.75%	0.695%
25	10.322	1397	1400	1404	rVB2	958182	839647	18.72%	2.261%
26	10.716	1464	1467	1470	rBV	777069	817216	18.22%	2.200%
27	11.410	1583	1585	1589	rVB	604242	561410	12.52%	1.512%
28	12.992	1851	1854	1858	rVB	1798045	1731222	38.60%	4.661%
29	14.057	2031	2035	2040	rVB	657475	659779	14.71%	1.776%
30	15.551	2284	2289	2300	rVB	490534	728063	16.23%	1.960%

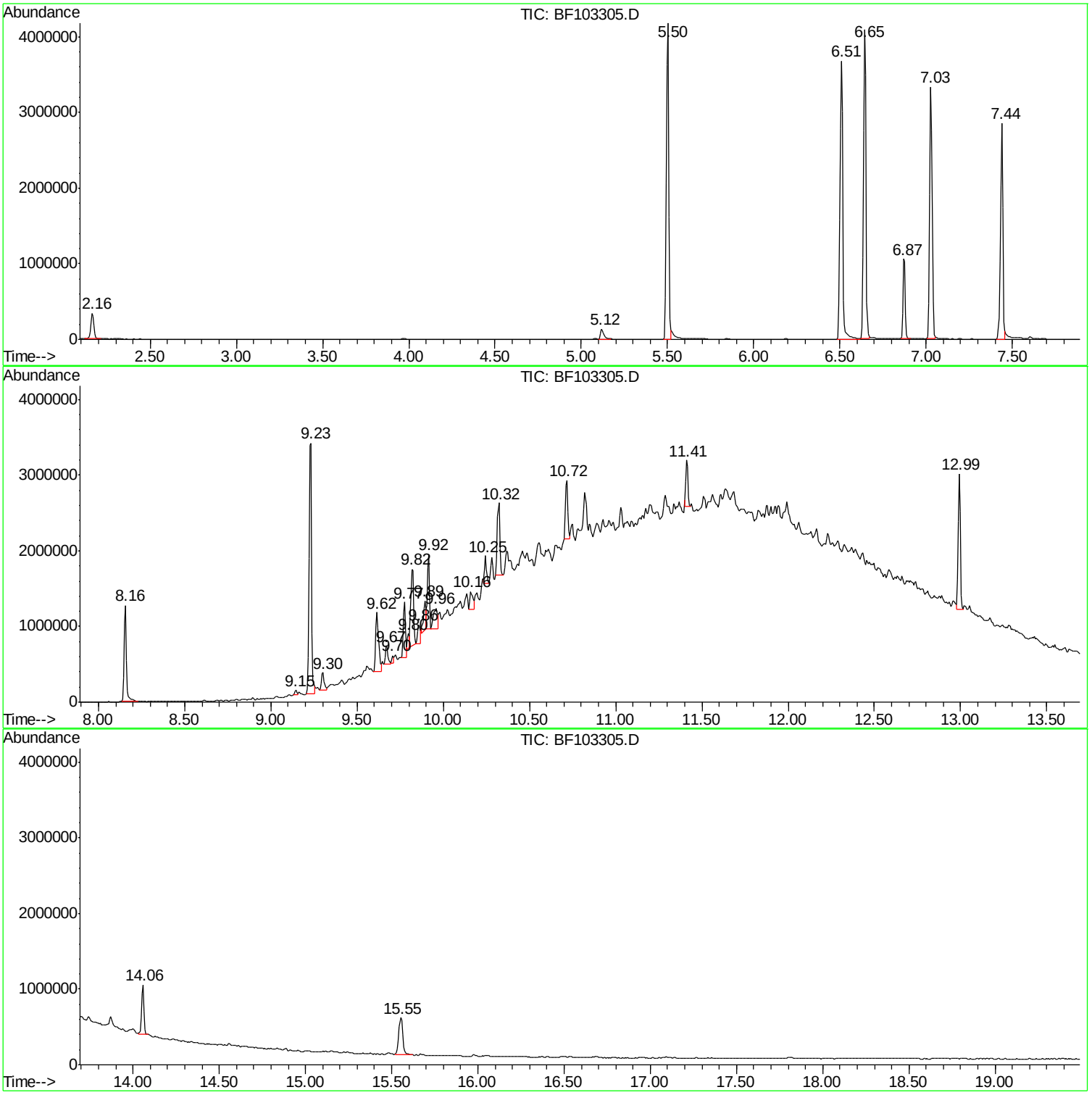
Sum of corrected areas: 37140577

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103305.D
Acq On : 28 Feb 2018 20:44
Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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

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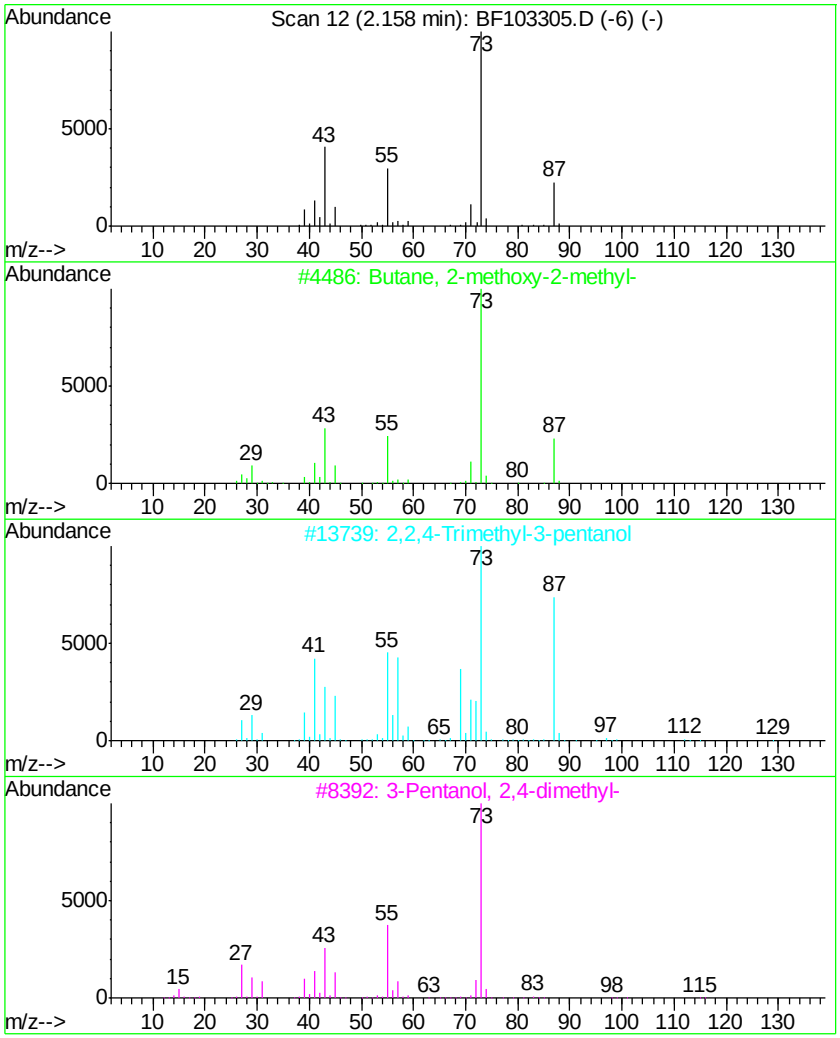
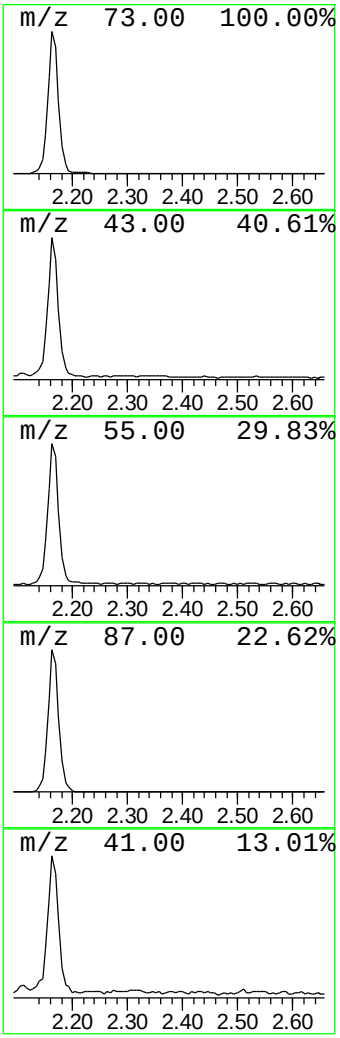
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	9.16 ng	454901	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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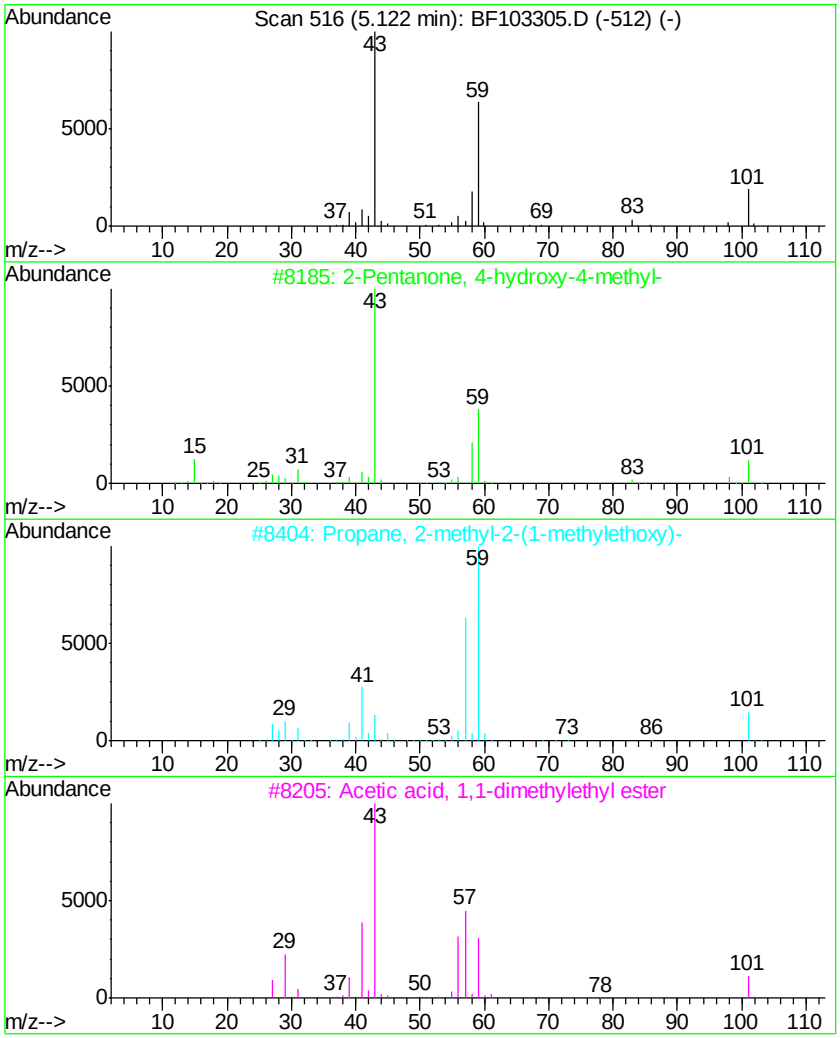
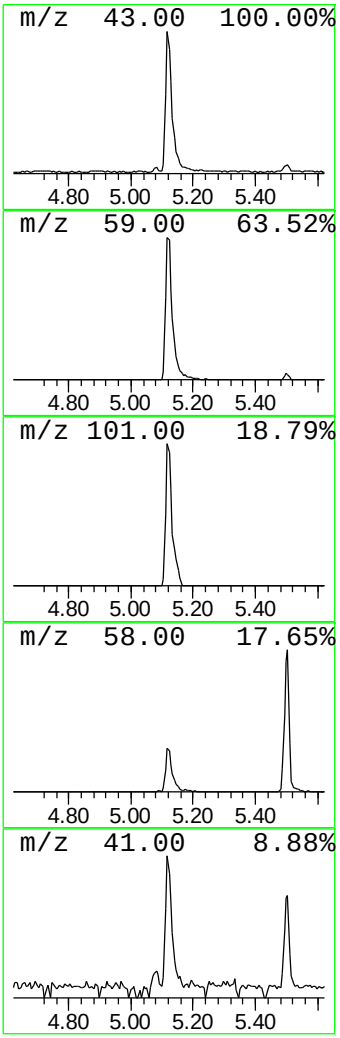
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.82 ng	189838	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
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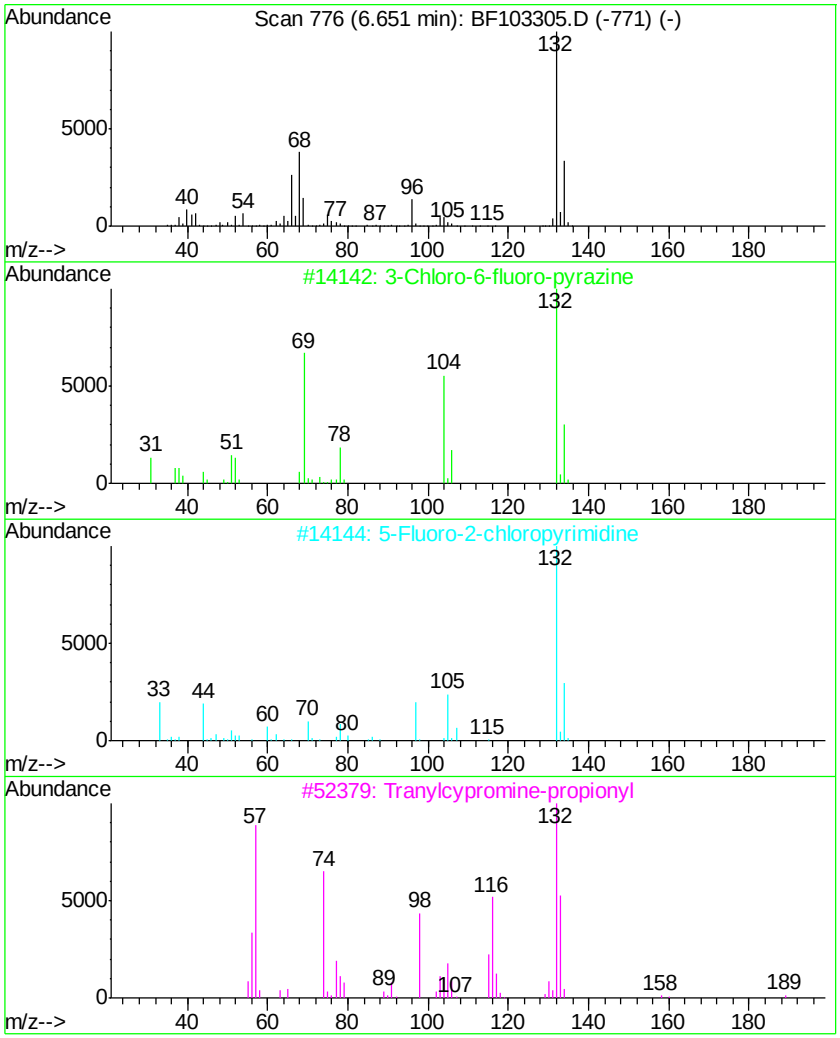
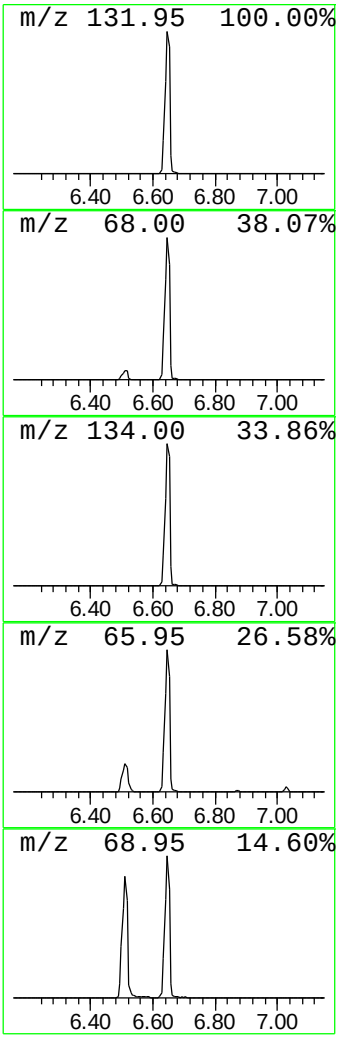
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	85.59 ng	4249090	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF103305.D
Acq On : 28 Feb 2018 20:44
Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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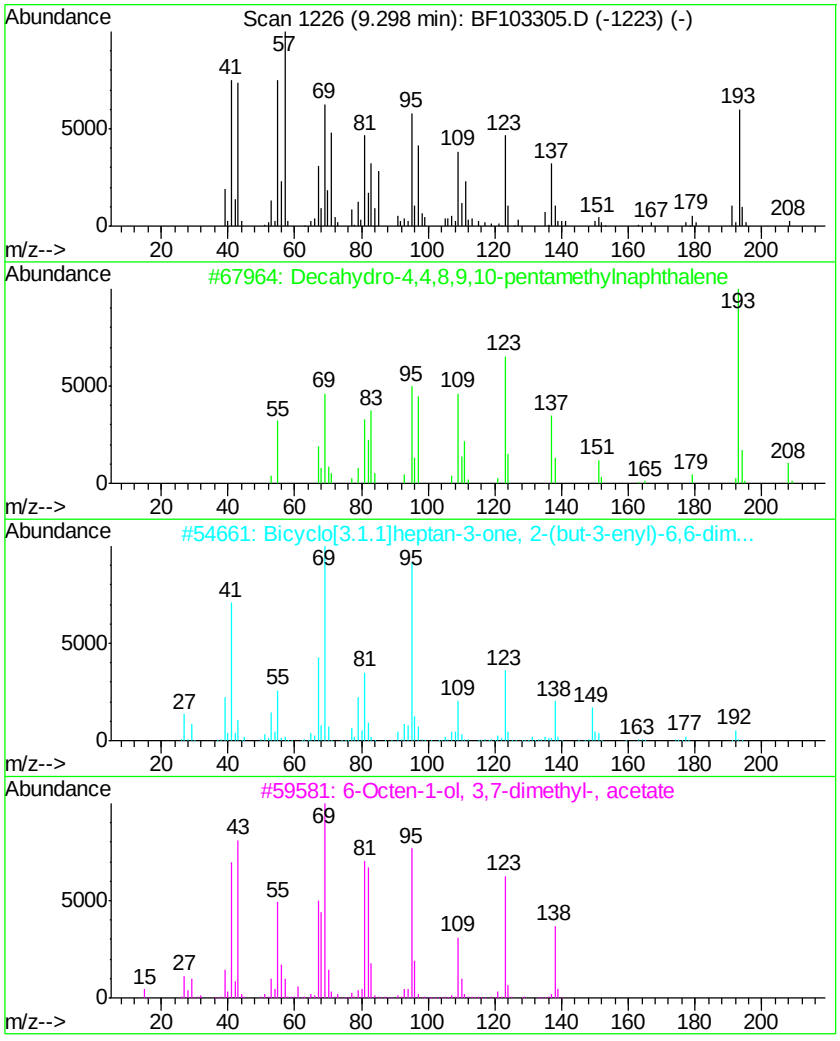
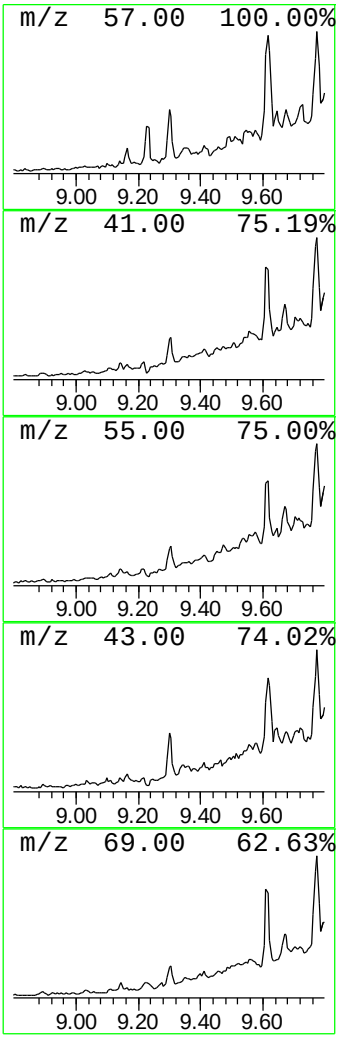
****

Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	5.76 ng	250691	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	58
2	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	42
3	6-Octen-1-ol, 3,7-dimethyl-, ace...	198	C12H22O2	000150-84-5	38
4	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	25
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
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Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

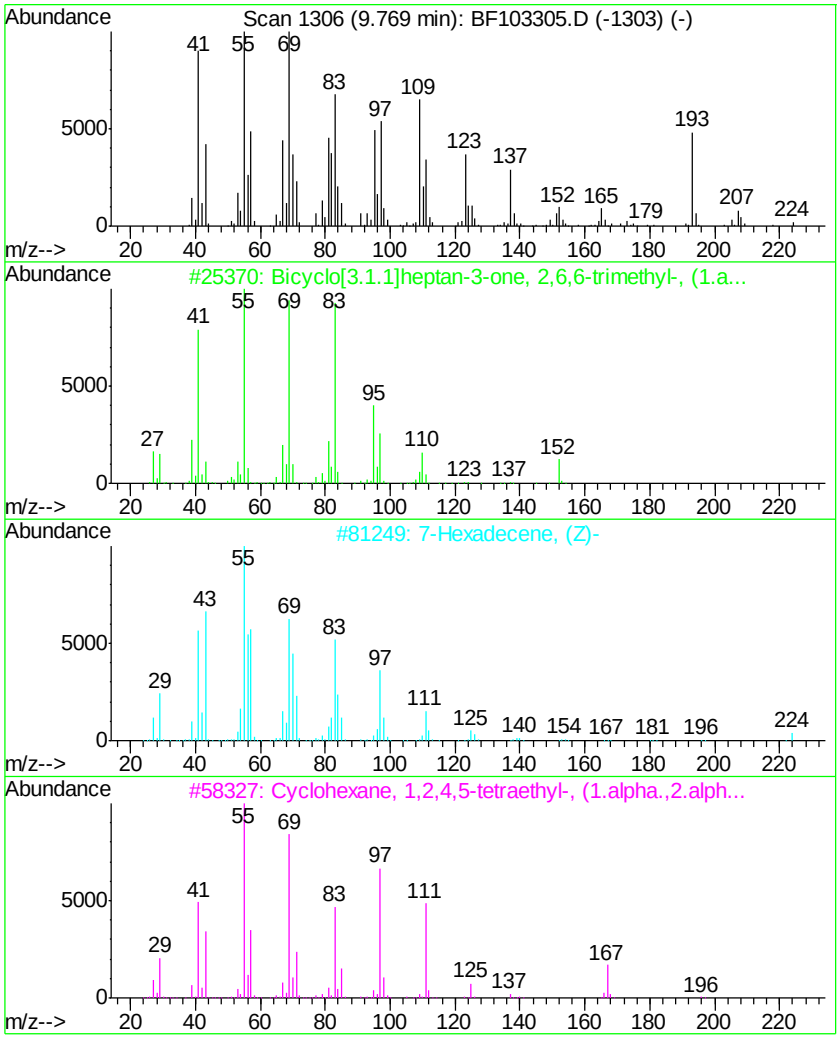
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

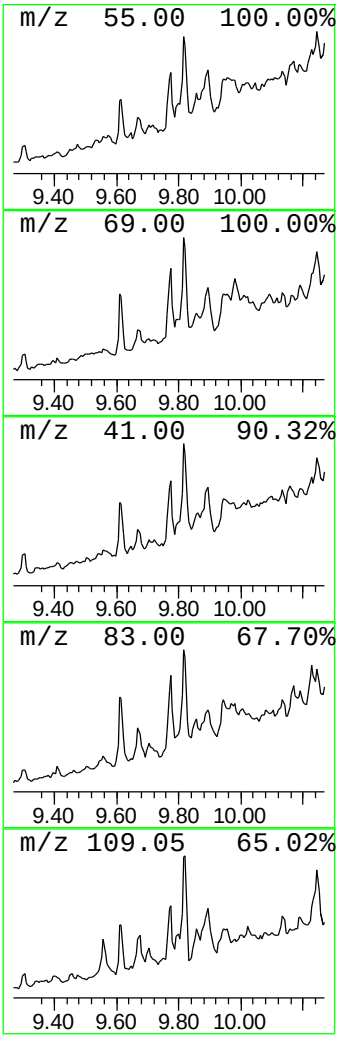
****

Peak Number 6 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	16.72 ng	727971	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	50
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	45
3	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	41
4	Crotyl methacrylate	140	C8H12O2	007376-45-6	38
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38





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Data File : BF103305.D
Acq On : 28 Feb 2018 20:44
Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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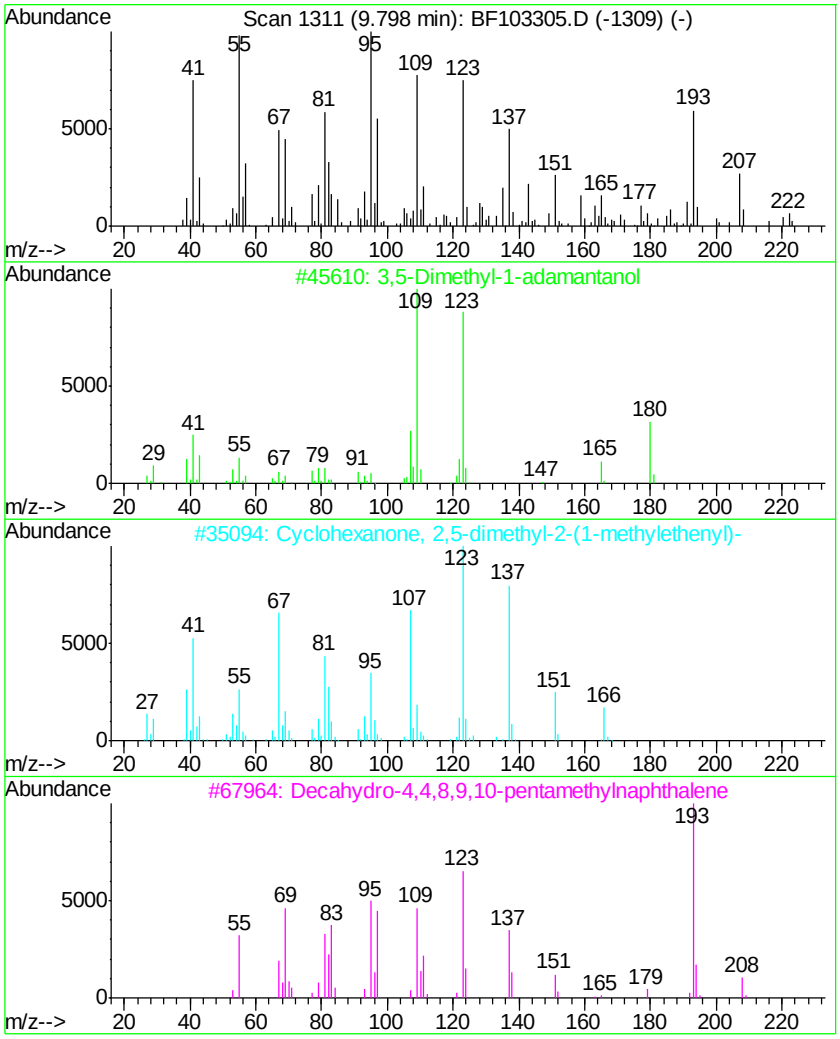
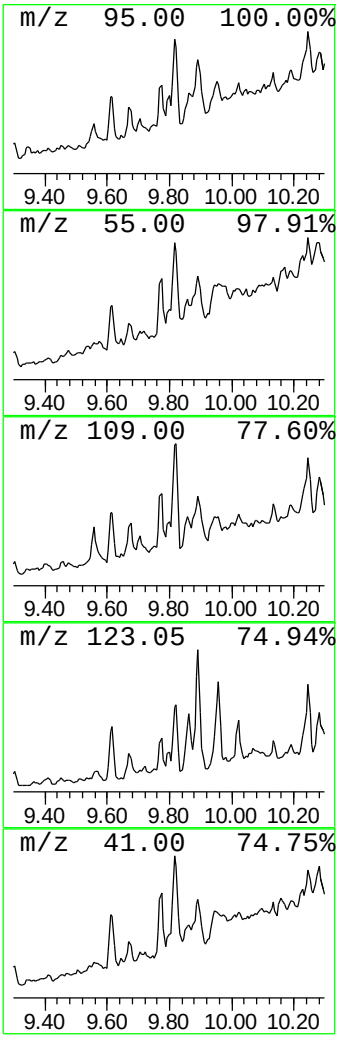
****

Peak Number 7 unknown9.80 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.21 ng	183184	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	22
2	Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	22
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	20
4	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	11
5	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	11





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Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

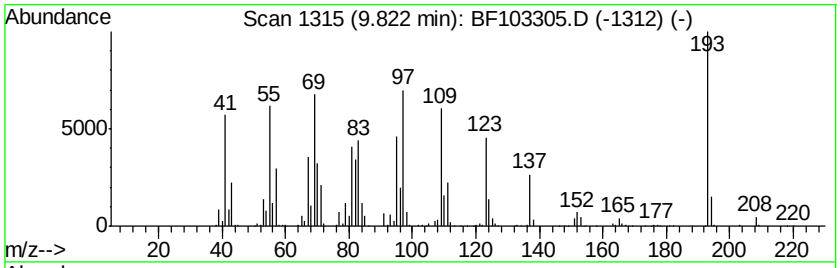
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

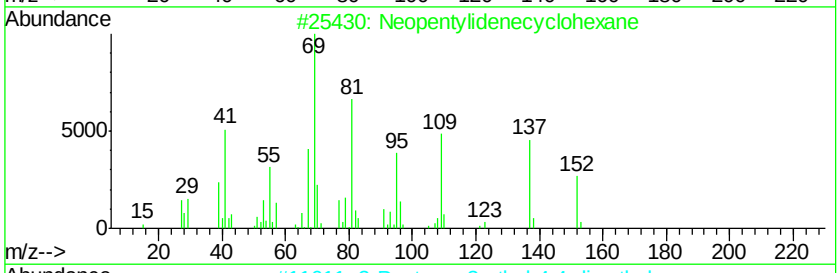
****

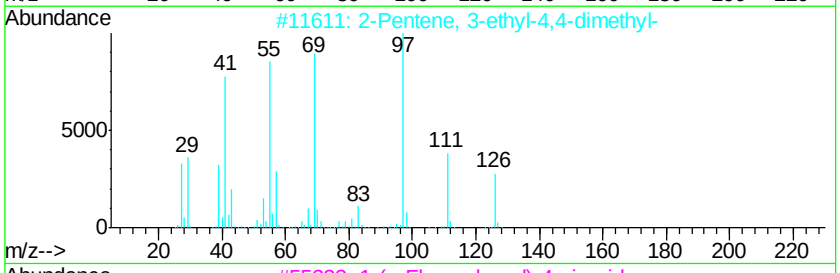
Peak Number 8 unknown9.82 Concentration Rank 3

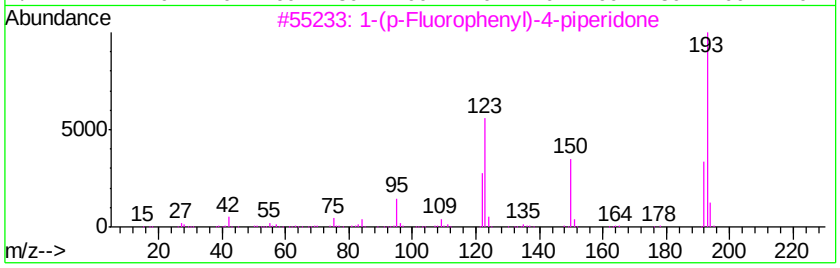
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	23.21 ng	1010650	Acenaphthene-d10	9.92

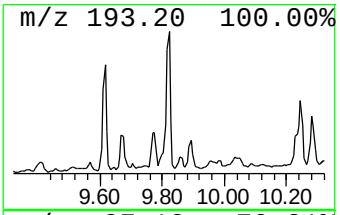
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	46
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	30
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
4	2-n-Butylacrolein	112	C7H12O	001070-66-2	15
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	11

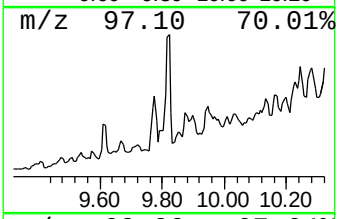


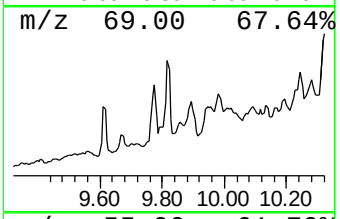


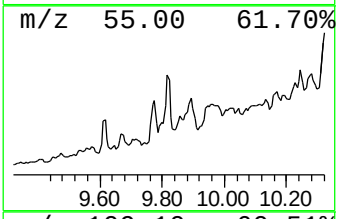


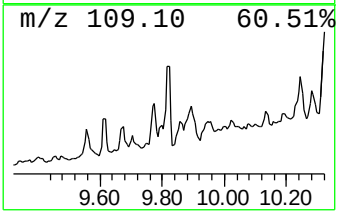












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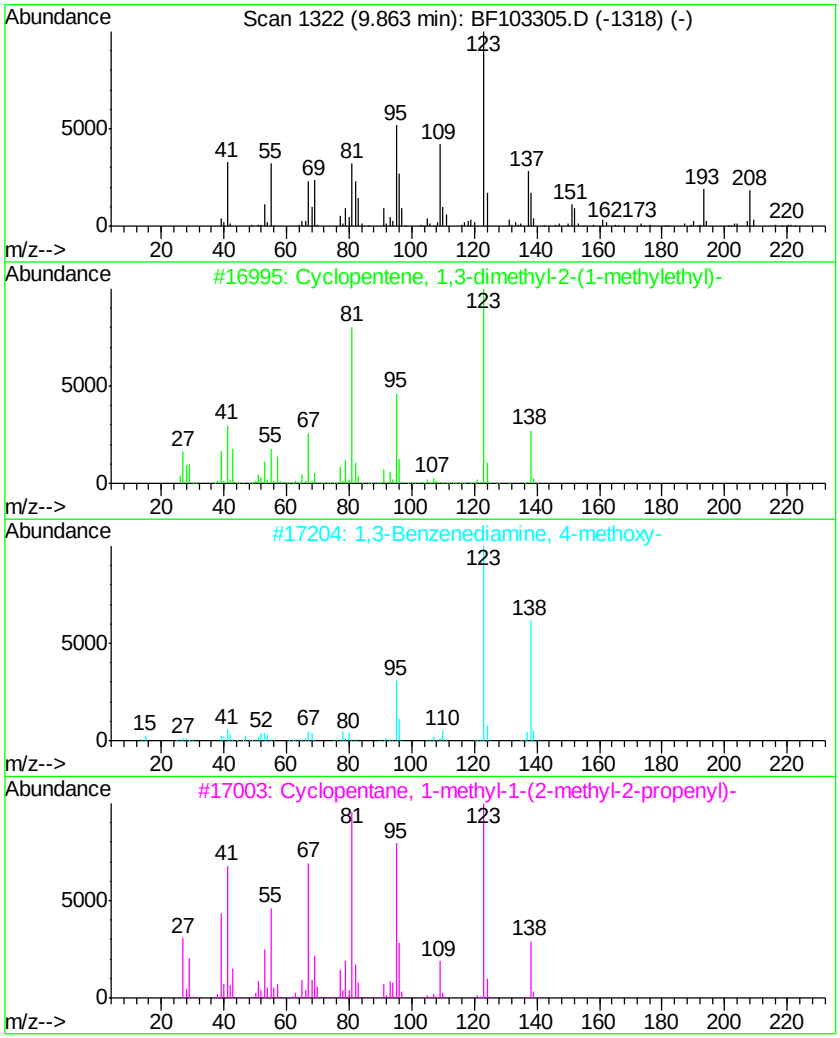
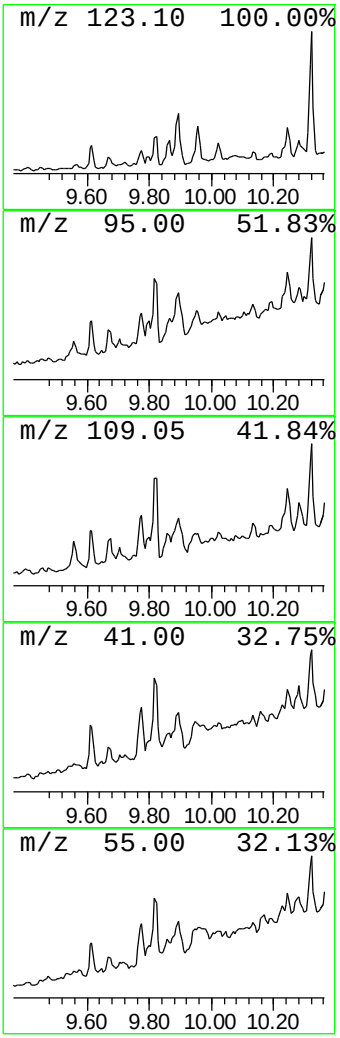
****

Peak Number 9 unknown9.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	6.86 ng	298734	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	43
2	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	43
3	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	43
4	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	42
5	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	38





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Sample : J1712-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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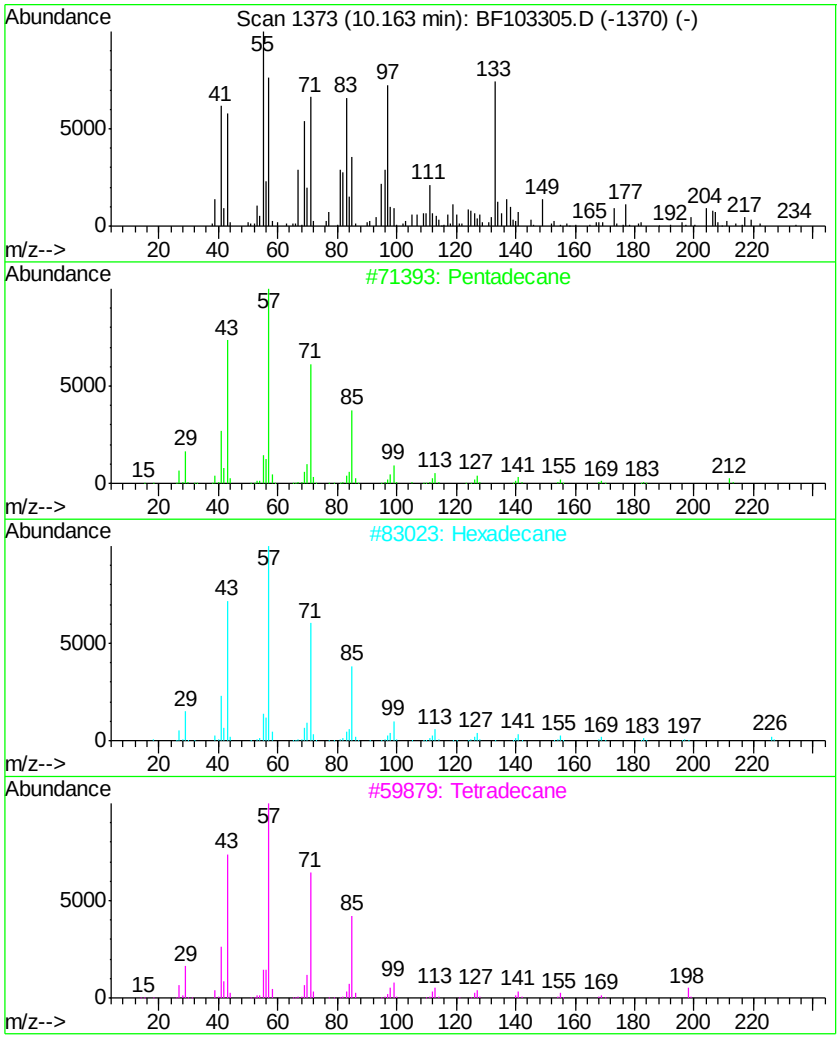
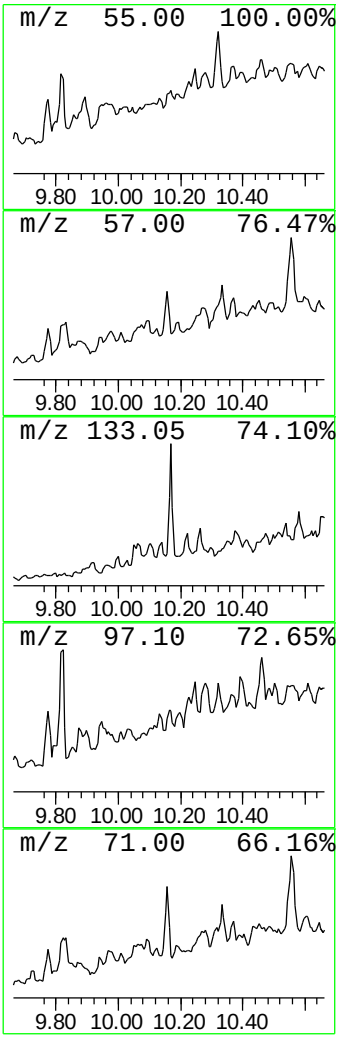
Peak Number 10 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	7.54 ng	328268	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Octadecane	254	C18H38	000593-45-3	72





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Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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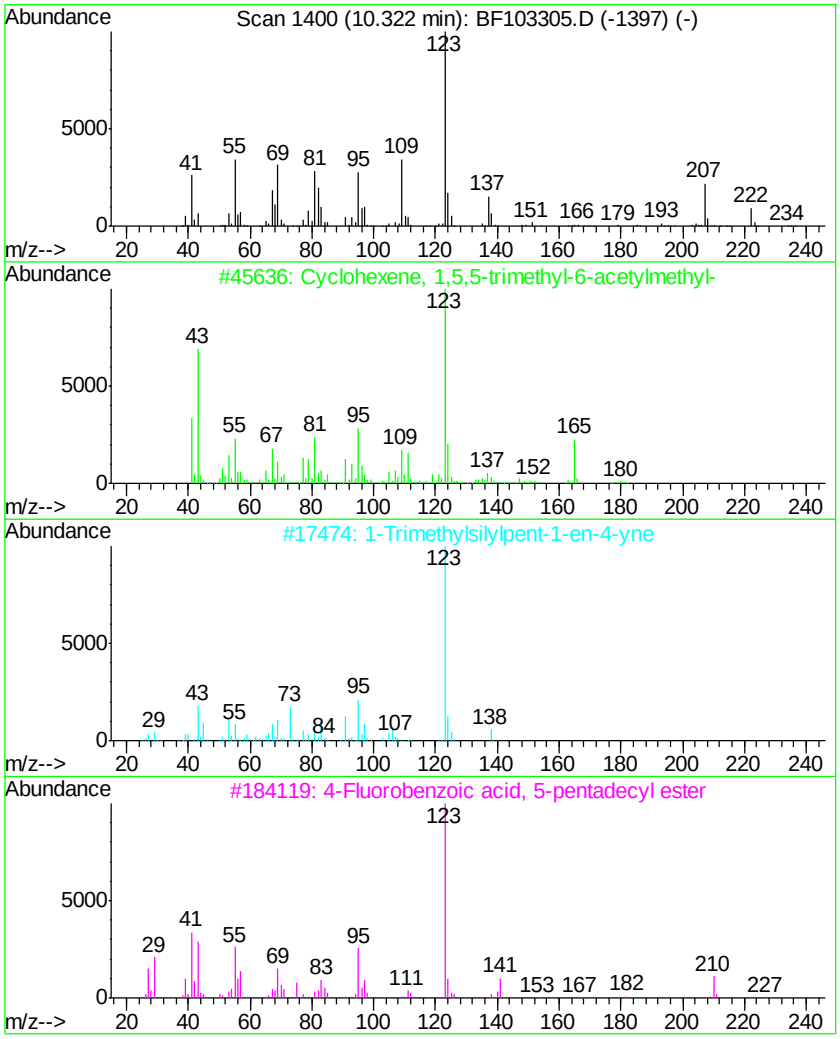
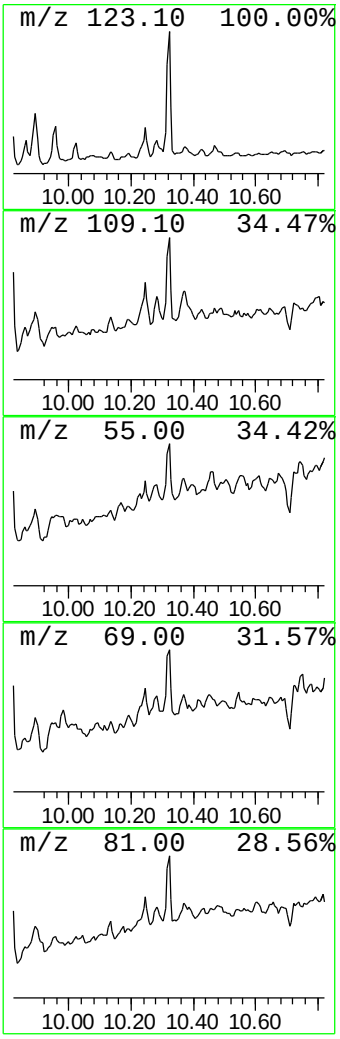
Peak Number 12 Cyclohexene, 1,5,5-trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	19.29 ng	839647	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	53
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
3	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	50
4	3-Fluorobenzoic acid, 1-cyclopen...	236	C14H17FO2	1000279-04-7	47
5	4-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-68-0	47





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022818\
Data File : BF103305.D
Acq On : 28 Feb 2018 20:44
Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.16	9.2	ng	454901	1	6.87	992934	20.0
2-Pentanone, 4-hy...	5.12	3.8	ng	189838	1	6.87	992934	20.0
unknown6.65	6.65	85.6	ng	4249090	1	6.87	992934	20.0
Decahydro-4,4,8,9...	9.30	5.8	ng	250691	3	9.92	870717	20.0
Bicyclo[3.1.1]hep...	9.77	16.7	ng	727971	3	9.92	870717	20.0
unknown9.80	9.80	4.2	ng	183184	3	9.92	870717	20.0
unknown9.82	9.82	23.2	ng	1010650	3	9.92	870717	20.0
unknown9.86	9.86	6.9	ng	298734	3	9.92	870717	20.0
Pentadecane	10.16	7.5	ng	328268	3	9.92	870717	20.0
Cyclohexene, 1,5,...	10.32	19.3	ng	839647	3	9.92	870717	20.0