LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

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-BF121815.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	5.070	258	261	268	rBB	194073	262303	14.33%	1.078%
2	5.493	295	298	300	rBV	1416390	1391703	76.01%	5.722%
3	6.156	353	356	358	rBV	1034453	903055	49.32%	3.713%
4	6.316	367	370	372	rBB	46670	71201	3.89%	0.293%
5	6.522	384	388	390	rBV	1213892	1570201	85.76%	6.456%
6	6.647	397	399	401	rVB	1645523	1534752	83.82%	6.310%
7	6.830	414	415	417	rBV2	32219	35483	1.94%	0.146%
8	6.876	417	419	421	rVV	411027	356011	19.44%	1.464%
9	6.956	424	426	428	rBV	620312	550765	30.08%	2.264%
10	7.002	428	430	431	rBV	168848	177436	9.69%	0.730%
11	7.036	431	433	435	rVB	1320517	1249503	68.24%	5.137%
12	7.150	441	443	446	rBV2	12379	21359	1.17%	0.088%
13	7.299	454	456	460	rBV4	20683	49169	2.69%	0.202%
14	7.436	465	468	470	rVV	793344	922836	50.40%	3.794%
15	7.470	470	471	474	rVB	114773	133003	7.26%	0.547%
16	7.527	474	476	478	rBV2	32864	42257	2.31%	0.174%
17	7.573	478	480	482	rBV2	20053	44816	2.45%	0.184%
18	7.630	482	485	486	rBV3	16853	26369	1.44%	0.108%
19	7.653	486	487	488	rBV	19534	24159	1.32%	0.099%
20	7.687	488	490	492	rVV	312222	311475	17.01%	1.281%
21	7.756	492	496	499	rVB4	39264	110916	6.06%	0.456%
22	7.813	499	501	502	rBV2	30343	47577	2.60%	0.196%
23	7.905	507	509	512	rVB	328250	299424	16.35%	1.231%
24	7.962	512	514	515	rBV	55223	61027	3.33%	0.251%
25	8.065	520	523	525	rBV	411119	375174	20.49%	1.543%
26	8.099	525	526	528	rVB2	31085	26388	1.44%	0.108%
27	8.156	528	531	532	rBV	460661	547942	29.93%	2.253%
28	8.190	532	534	535	rVB	1087316	934078	51.01%	3.840%
29	8.213	535	536	537	rVB	48826	33470	1.83%	0.138%
30	8.270	537	541	543	rBV3	66789	154319	8.43%	0.634%
31	8.339	545	547	549	rBV3	63728	65317	3.57%	0.269%
32	8.373	549	550	551	rBV	82543	67117	3.67%	0.276%
33	8.453	553	557	559	rBV4	89512	166092	9.07%	0.683%
34	8.510	561	562	564	rBV2	61592	79899	4.36%	0.329%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.613	569	571	574	rBV2	145148	269509	14.72%	1.108%
36	8.682	574	577	578	rBV3	76224	161736	8.83%	0.665%
37	8.785	584	586	588	rBV3	89787	174992	9.56%	0.719%
38	8.853	590	592	595	rVB3	94907	151558	8.28%	0.623%
39	8.899	595	596	598	rBV2	212700	262467	14.33%	1.079%
40	8.945	598	600	601	rVV	72592	86729	4.74%	0.357%
41	9.048	608	609	611	rBV2	71922	65428	3.57%	0.269%
42	9.162	616	619	620	rVB2	134288	196598	10.74%	0.808%
43	9.242	623	626	628	rBV	1765475	1831017	100.00%	7.528%
44	9.276	628	629	631	rBV2	26189	38789	2.12%	0.159%
45	9.322	631	633	635	rBV	645840	629383	34.37%	2.588%
46	9.368	635	637	640	rBV4	120006	321779	17.57%	1.323%
47	9.436	640	643	645	rBV3	106894	197757	10.80%	0.813%
48	9.630	658	660	662	rVB	655127	538266	29.40%	2.213%
49	9.688	663	665	667	rVB	161502	194117	10.60%	0.798%
50	9.790	671	674	675	rBV2	324828	476130	26.00%	1.958%
51	9.870	679	681	682	rBV2	156853	200140	10.93%	0.823%
52	9.916	682	685	687	rVV2	573052	811009	44.29%	3.334%
53	9.962	687	689	692	rVV	154196	239127	13.06%	0.983%
54	10.328	719	721	723	rBV2	278634	309910	16.93%	1.274%
55	10.385	724	726	730	rVV4	189150	359536	19.64%	1.478%
56	10.705	752	754	757	rBV	715703	967299	52.83%	3.977%
57	11.402	814	815	818	rVB	301685	333428	18.21%	1.371%
58	12.991	951	954	956	rVB	896752	1134461	61.96%	4.664%
59	13.345	983	985	988	rVB2	177447	198207	10.82%	0.815%
60	13.985	1039	1041	1043	rBV	196707	213663	11.67%	0.878%
61	14.031	1043	1045	1049	rVB	239440	368878	20.15%	1.517%
62	15.471	1169	1171	1175	rVB	196839	303278	16.56%	1.247%
63	16.157	1228	1231	1239	rVB	137317	308487	16.85%	1.268%
64	16.568	1265	1267	1271	rVB2	42521	76403	4.17%	0.314%
65	17.151	1314	1318	1330	rVB3	66878	255324	13.94%	1.050%

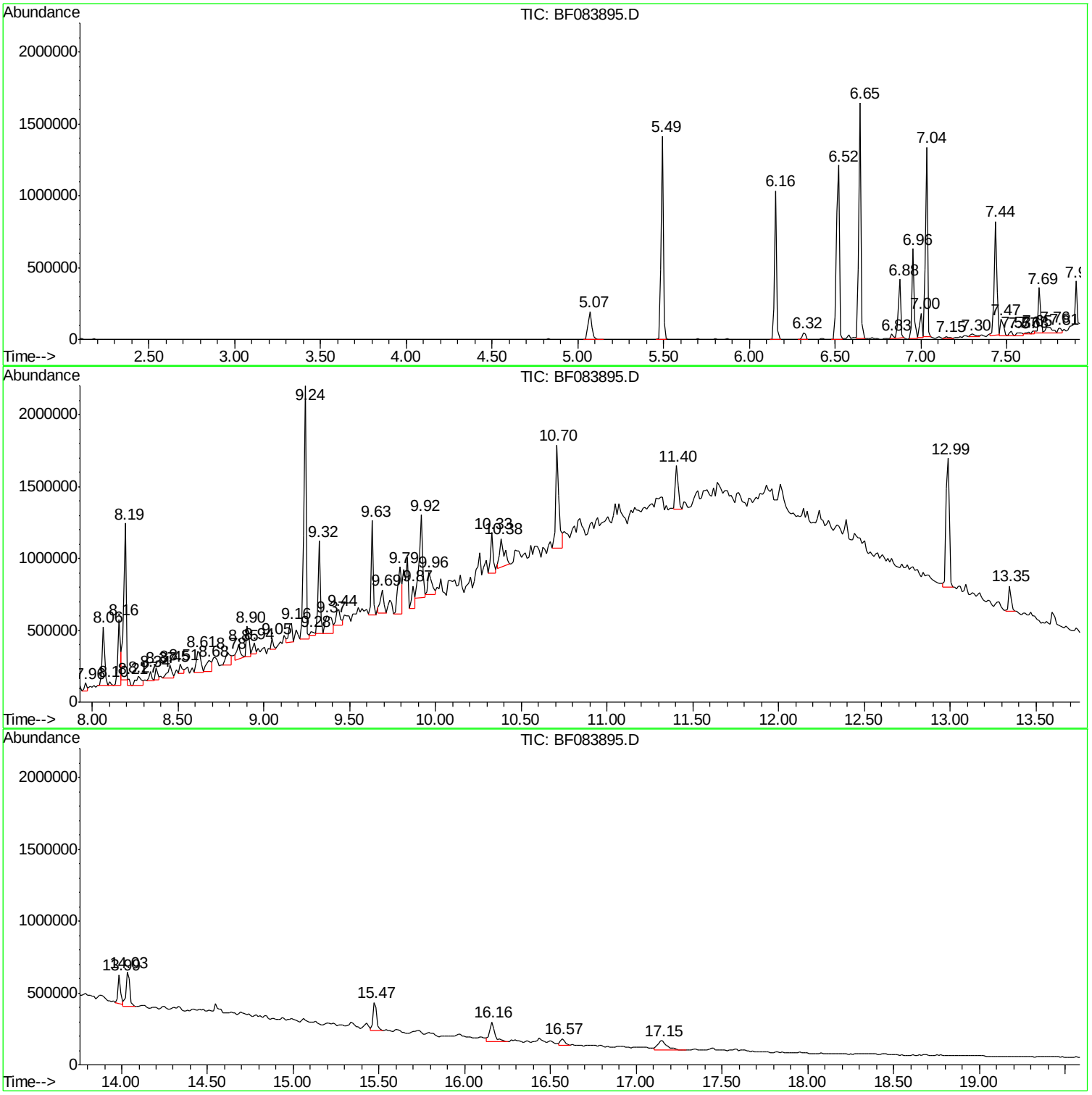
Sum of corrected areas: 24322001

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

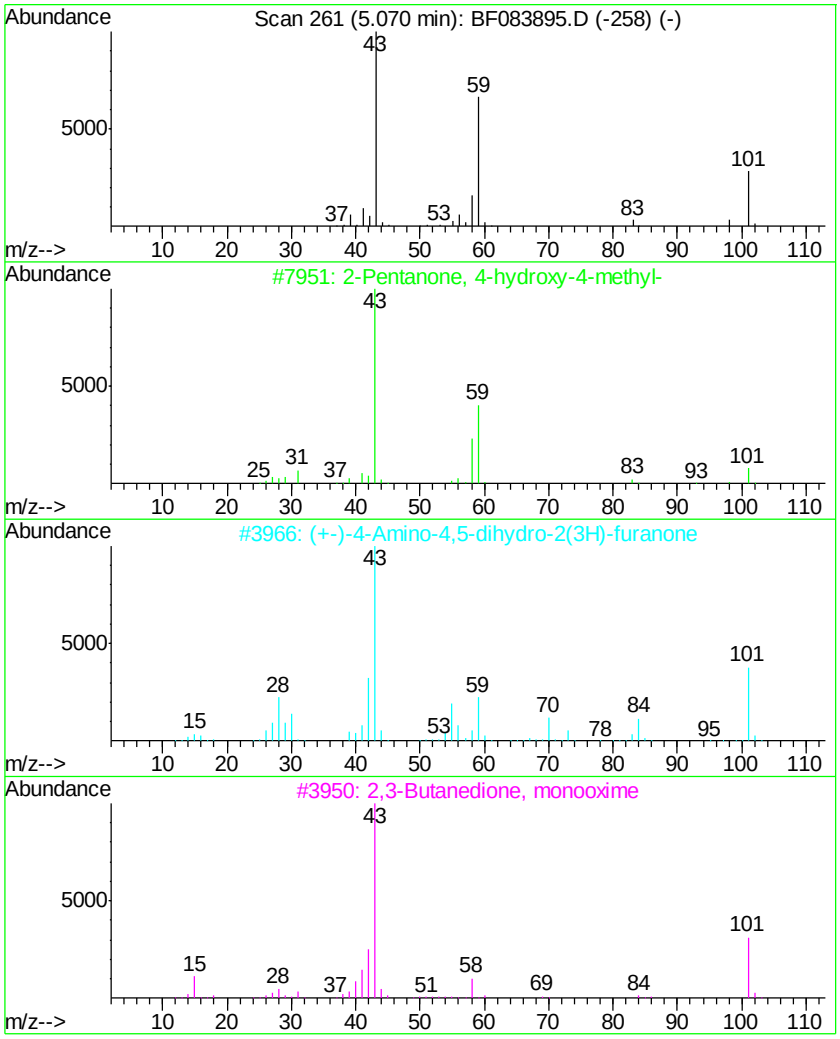
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

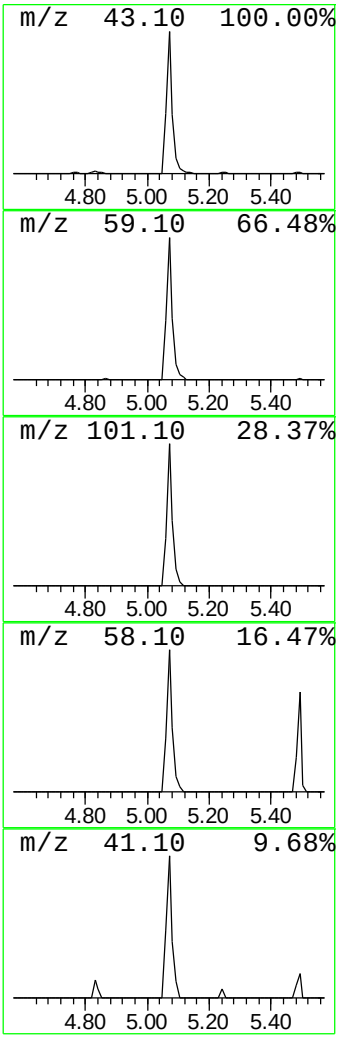
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	14.74 ng	262303	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

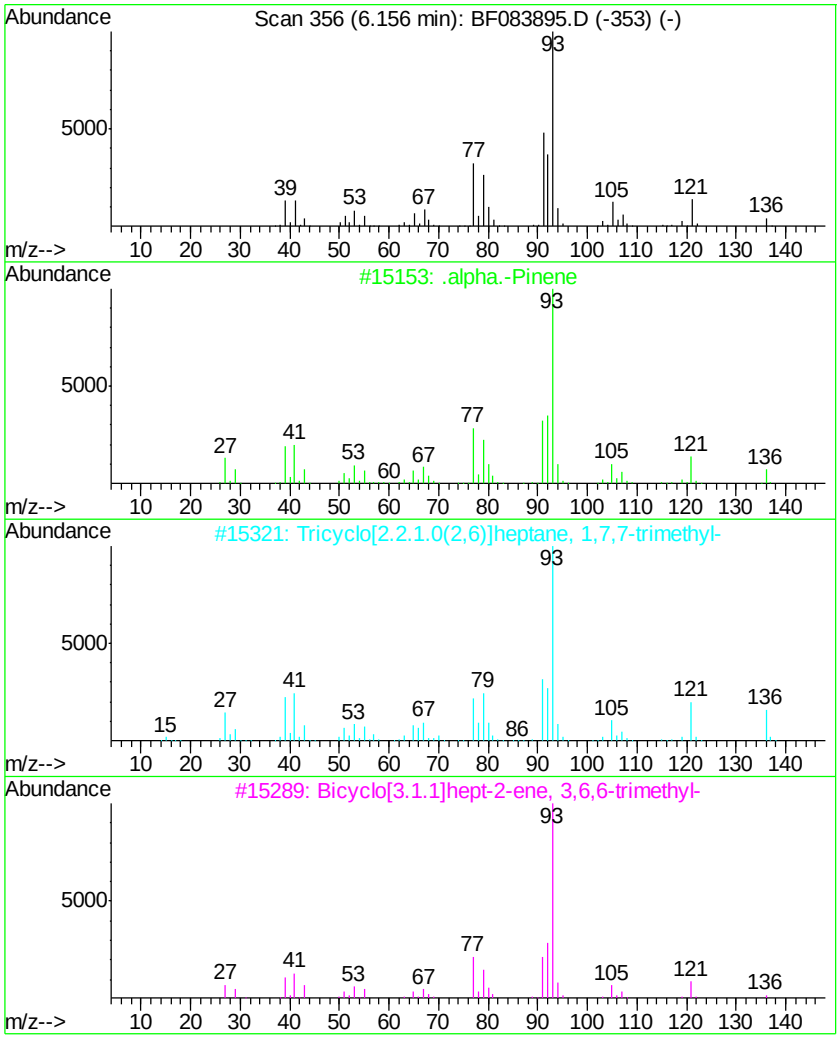
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

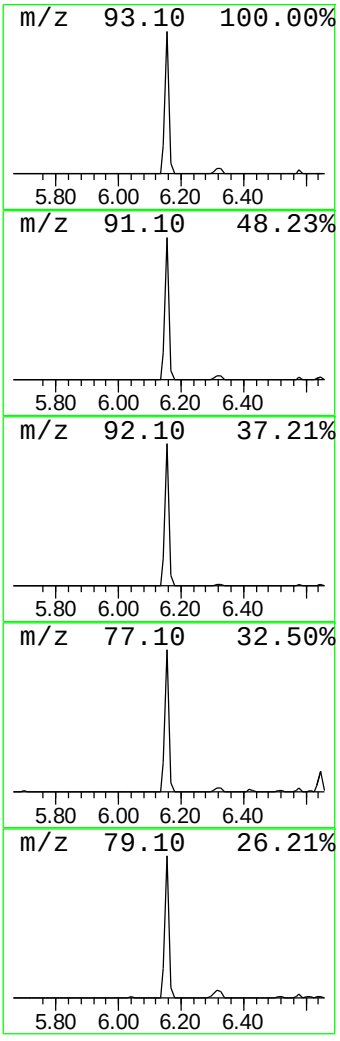
****

Peak Number 2 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	50.73 ng	903055	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	91
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

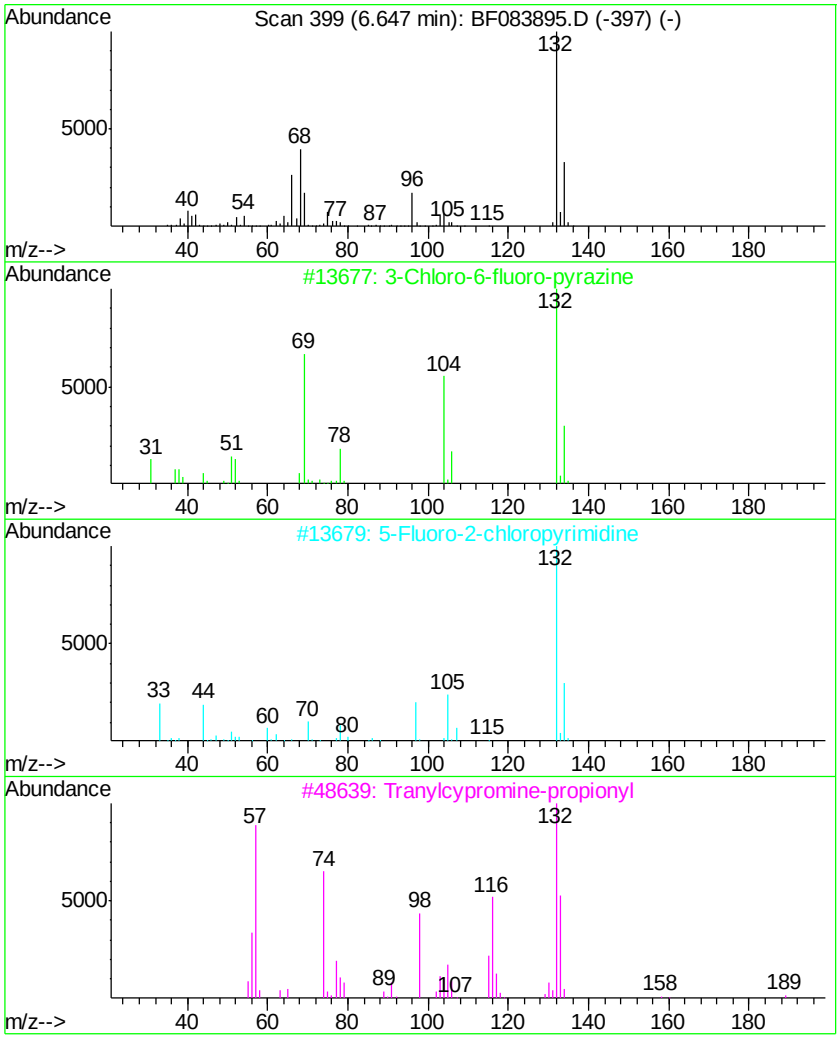
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

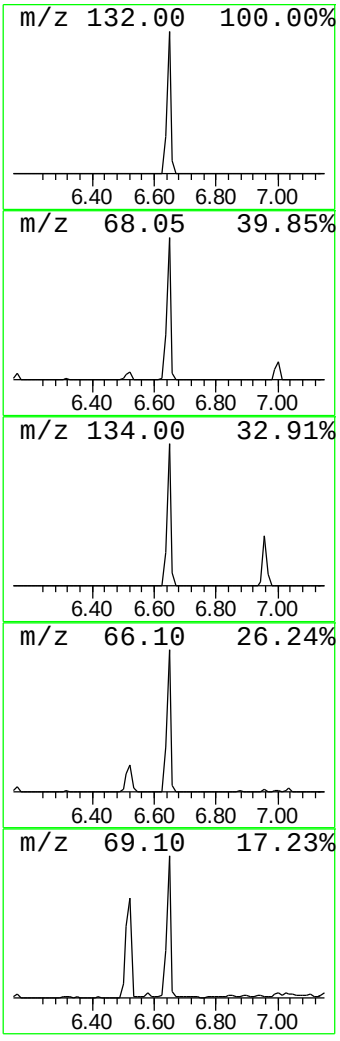
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	86.22 ng	1534750	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

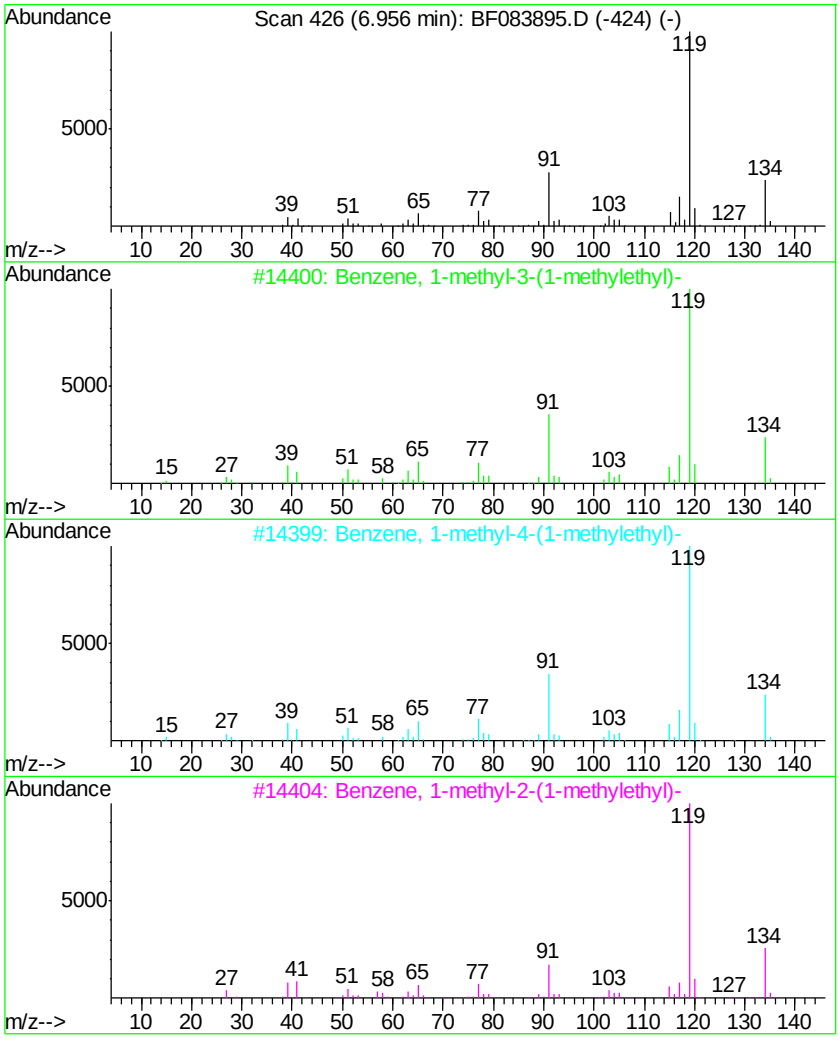
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

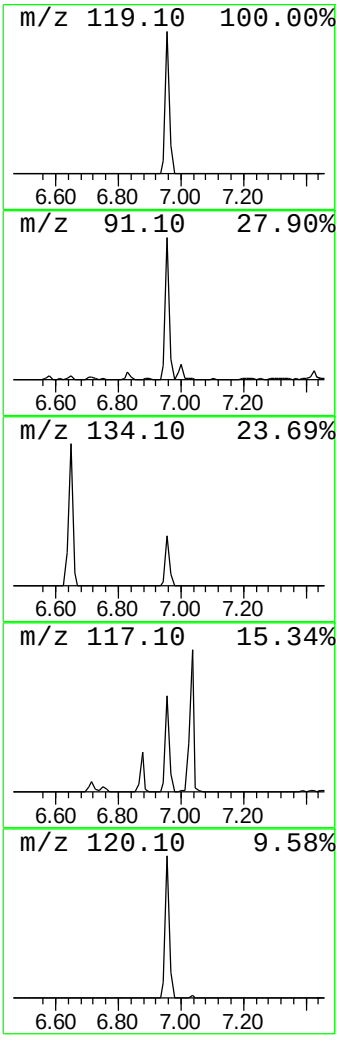
****

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	30.94 ng	550765	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

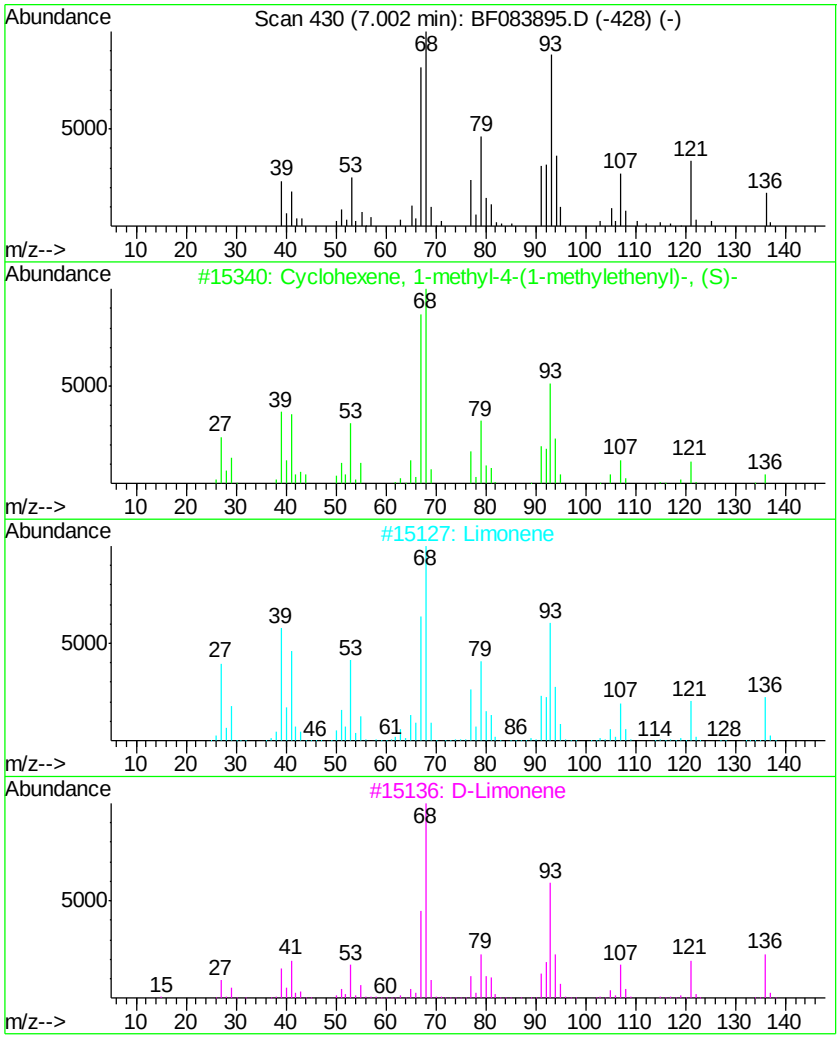
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

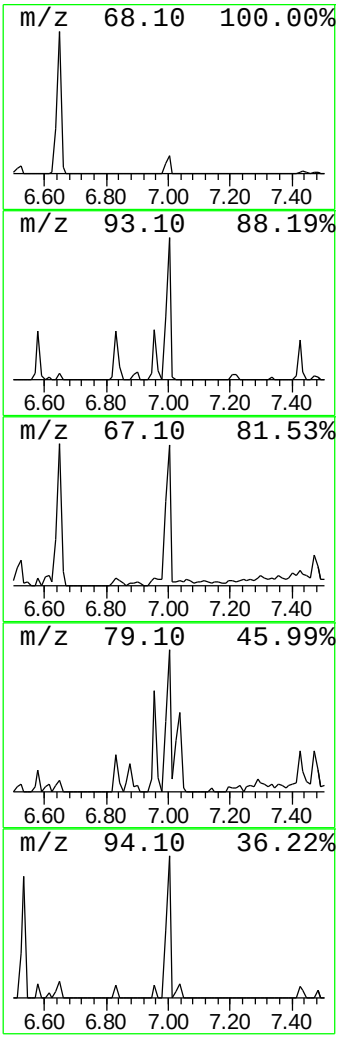
****

Peak Number 5 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	9.97 ng	177436	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	96
2	Limonene	136	C10H16	000138-86-3	91
3	D-Limonene	136	C10H16	005989-27-5	76
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	52
5	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

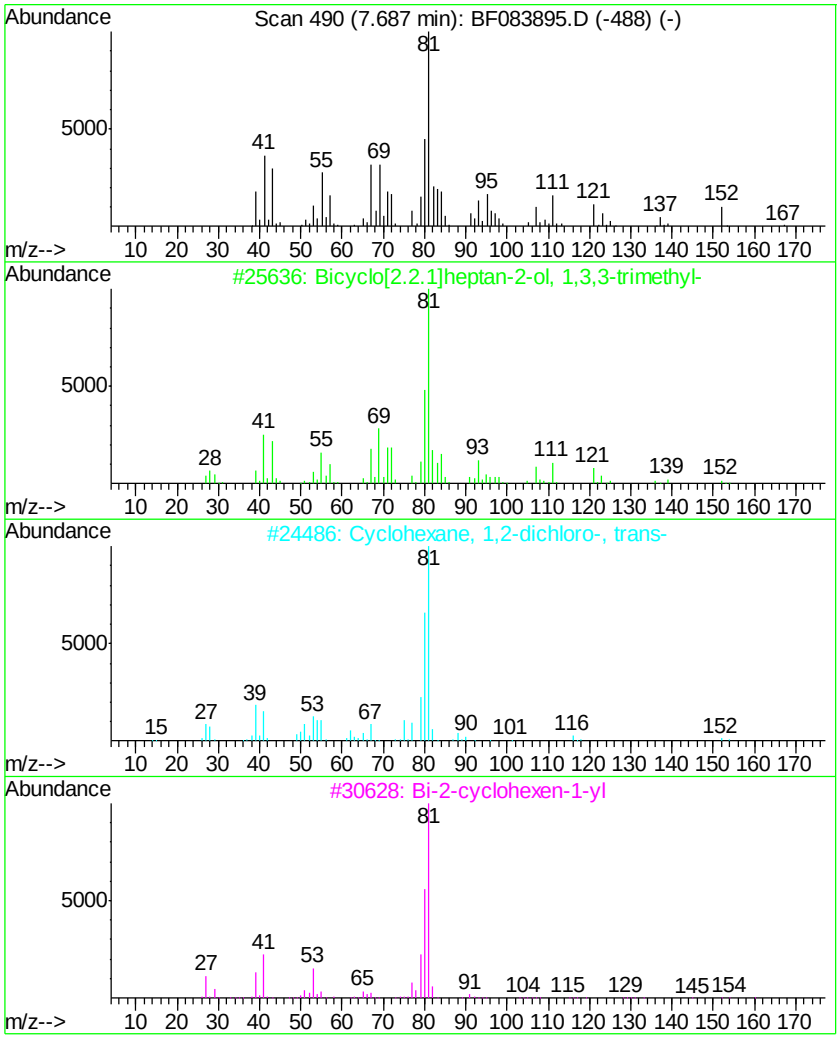
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

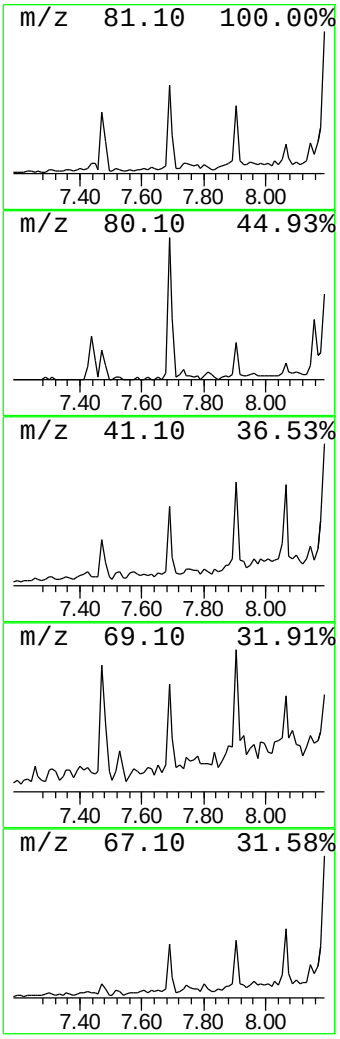
****

Peak Number 7 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	11.37 ng	311475	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	80
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	47
3	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	43
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

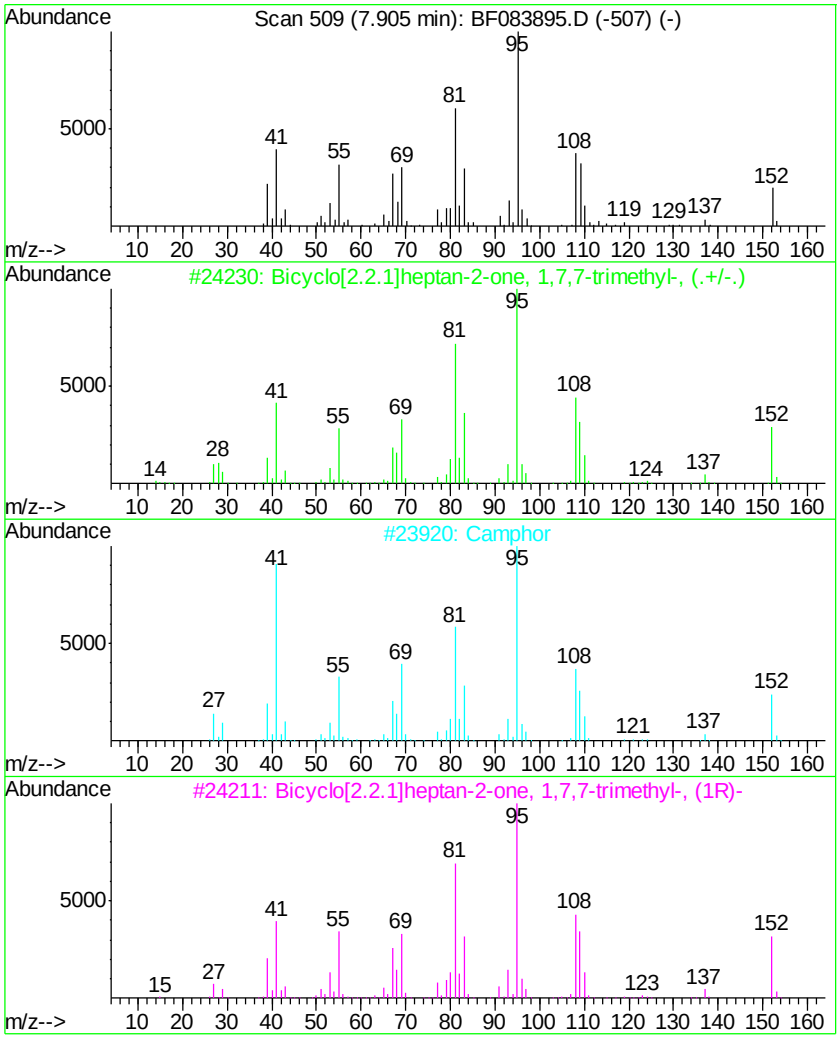
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

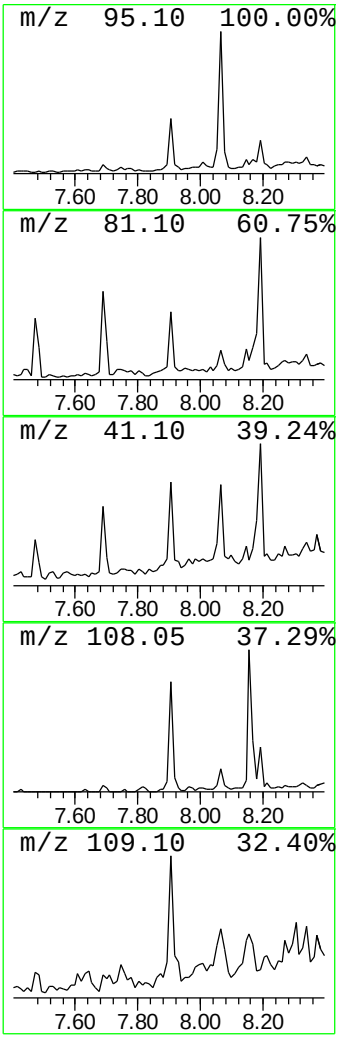
****

Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	10.93 ng	299424	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	96
2	Camphor	152	C10H16O	000076-22-2	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	95
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
5	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

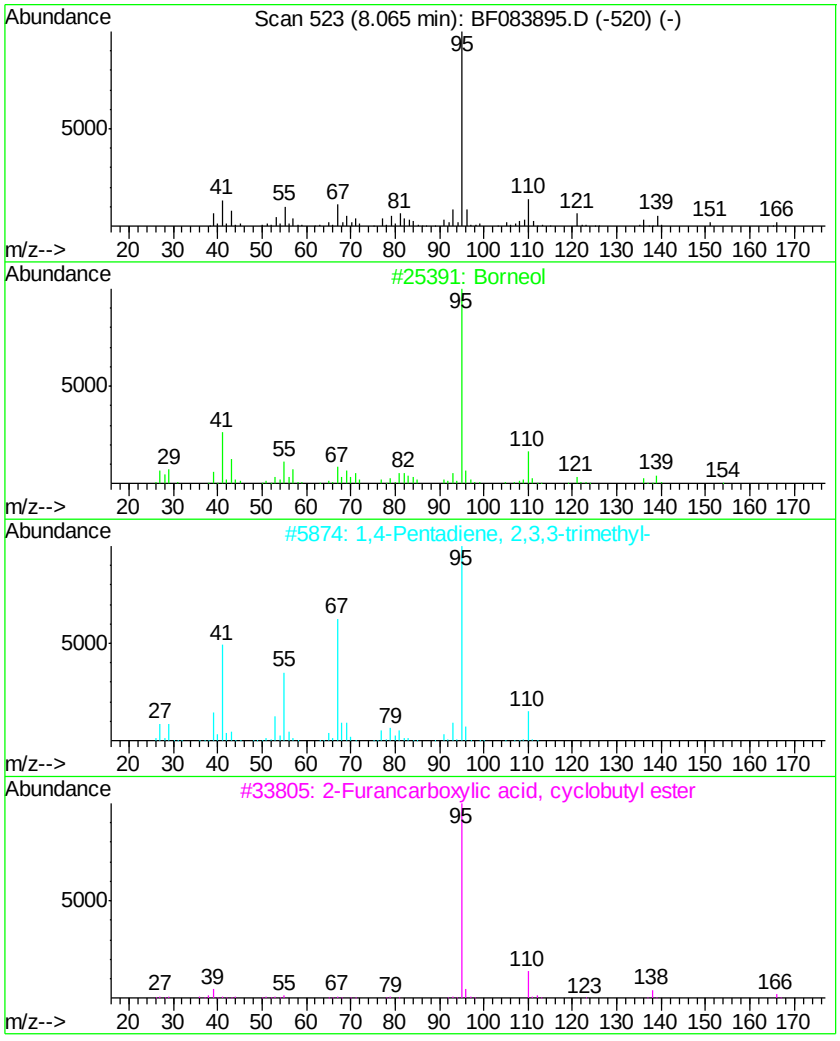
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

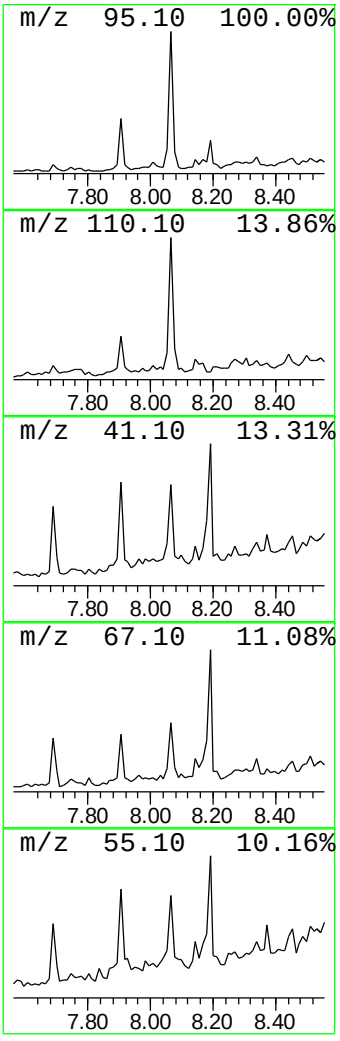
****

Peak Number 9 Borneol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	13.69 ng	375174	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol	154	C10H18O	000507-70-0	72
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
3	2-Furancarboxylic acid, cyclobut...	166	C9H10O3	1000282-75-9	59
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	59
5	Bicyclo[2.2.1]heptane, 2-(1,1-di...	164	C12H20	069219-08-5	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

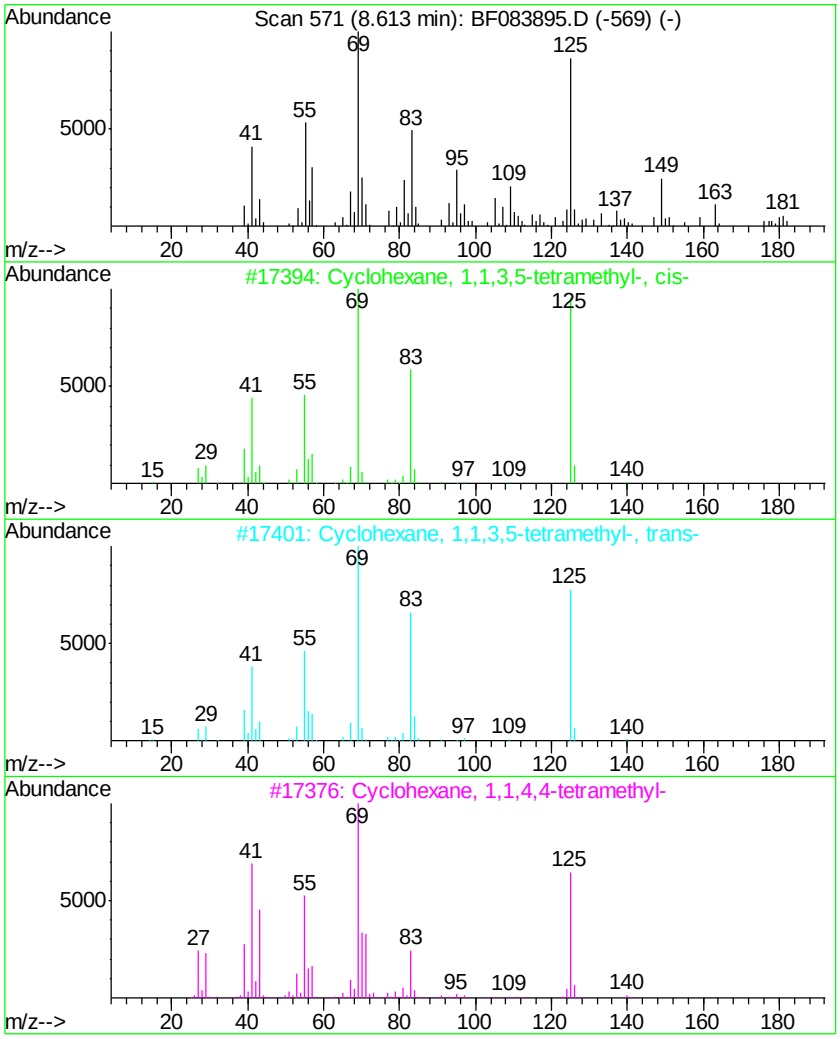
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

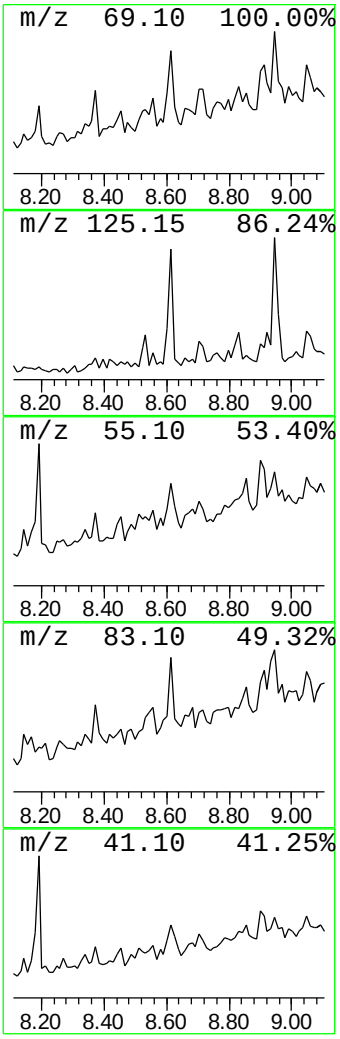
****

Peak Number 10 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	9.84 ng	269509	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	70
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	62
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	49
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

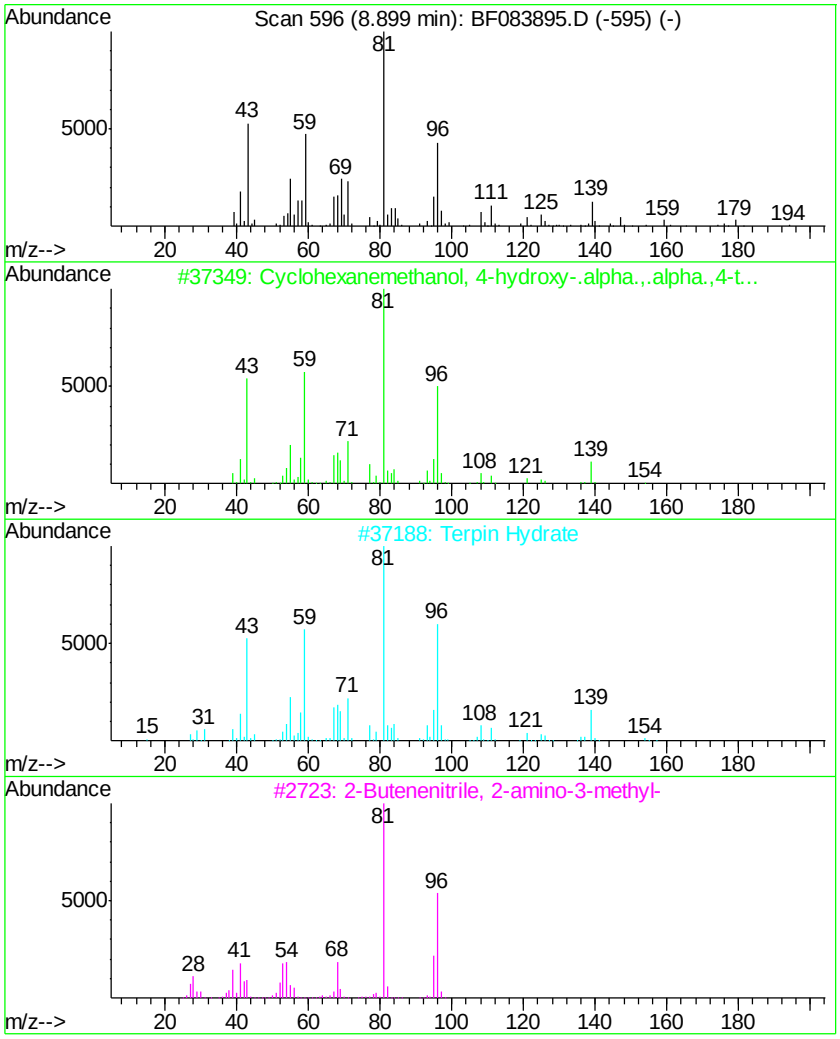
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

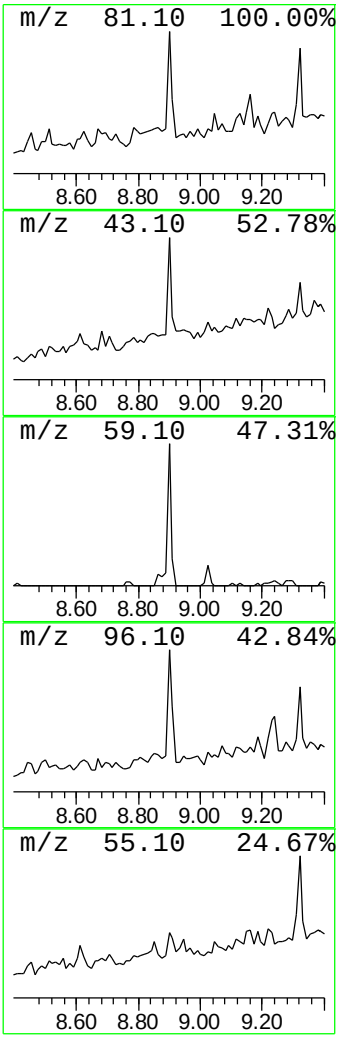
****

Peak Number 11 Cyclohexanemethanol, 4-hydr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.58 ng	262467	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	86
2	Terpin Hydrate	172	C10H20O2	002451-01-6	49
3	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	46
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	43
5	4-Methylcyclohexanol acetate	156	C9H16O2	022597-23-5	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

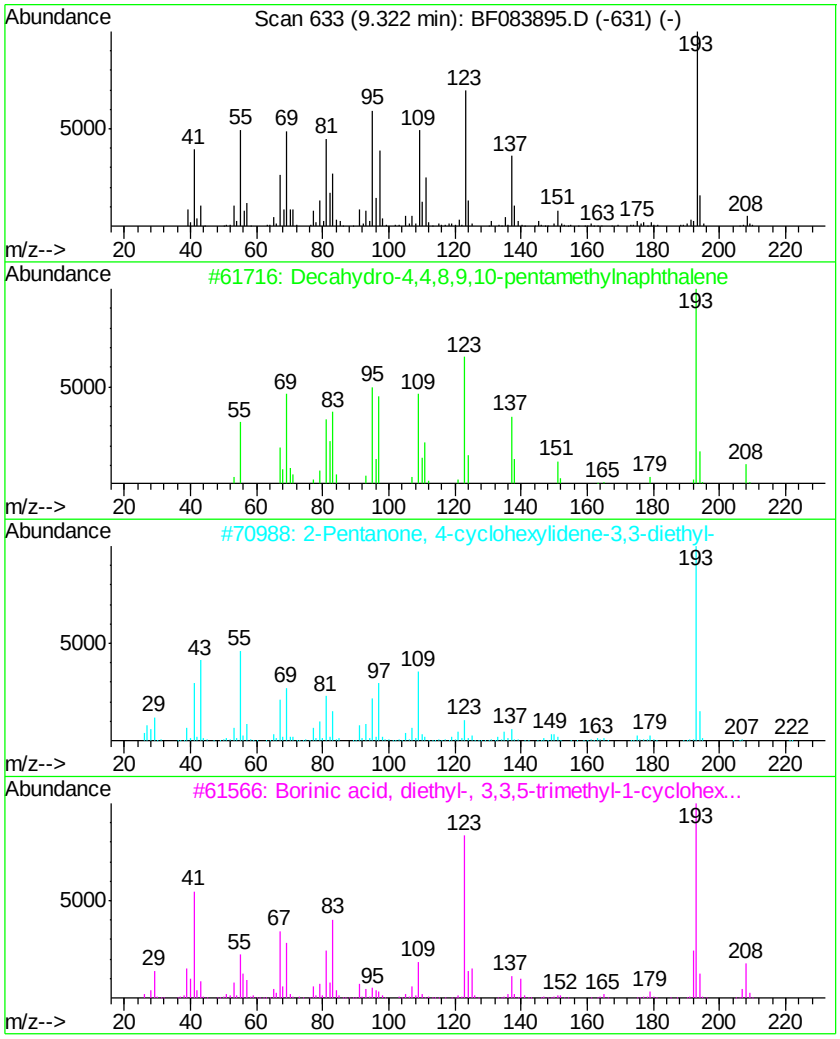
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

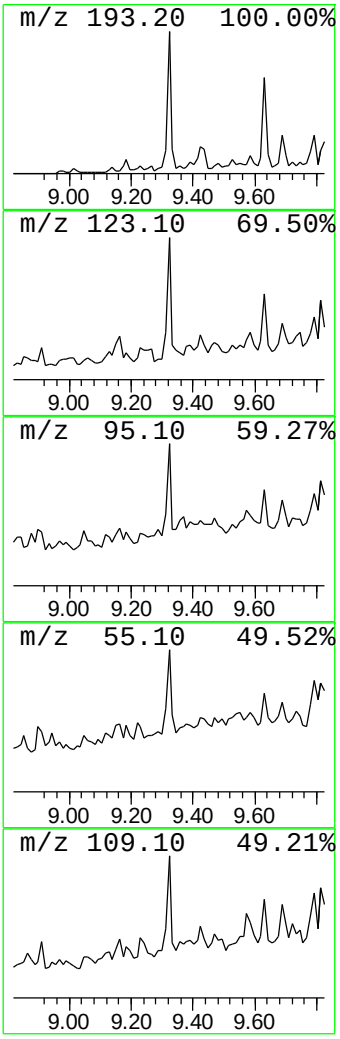
****

Peak Number 12 unknown9.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	15.52 ng	629383	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	46
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	38
4	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	27
5	2-Anthracenamine	193	C14H11N	000613-13-8	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

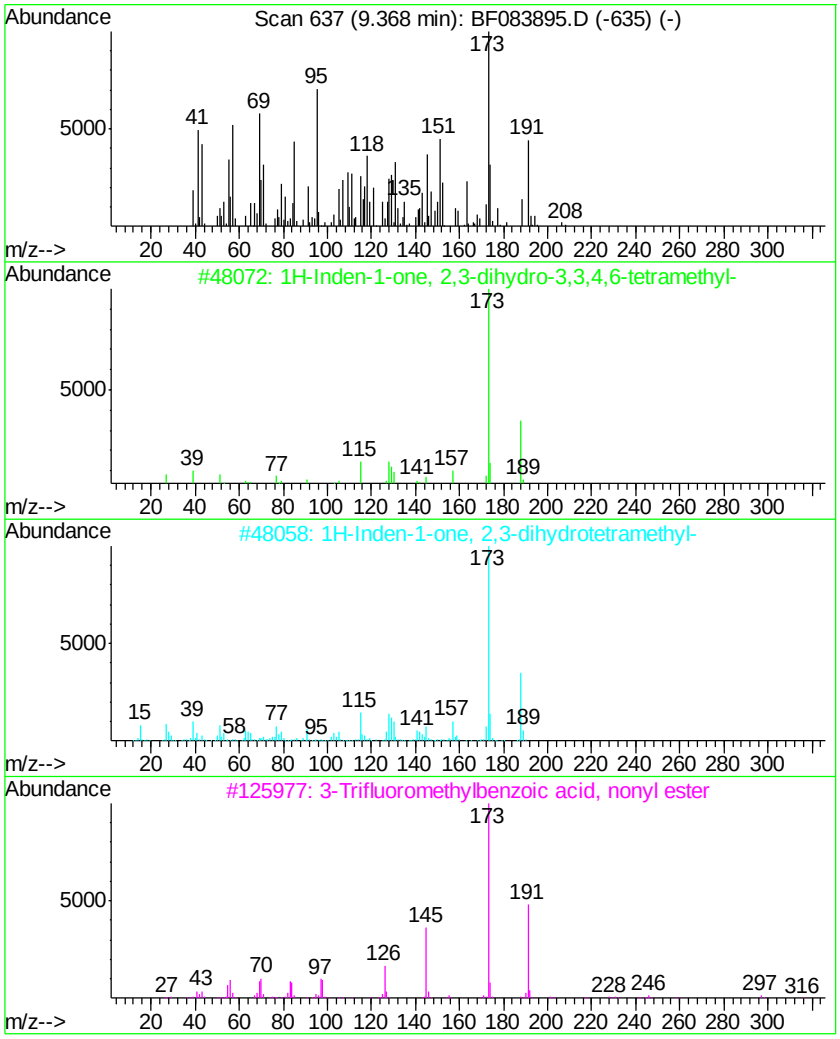
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

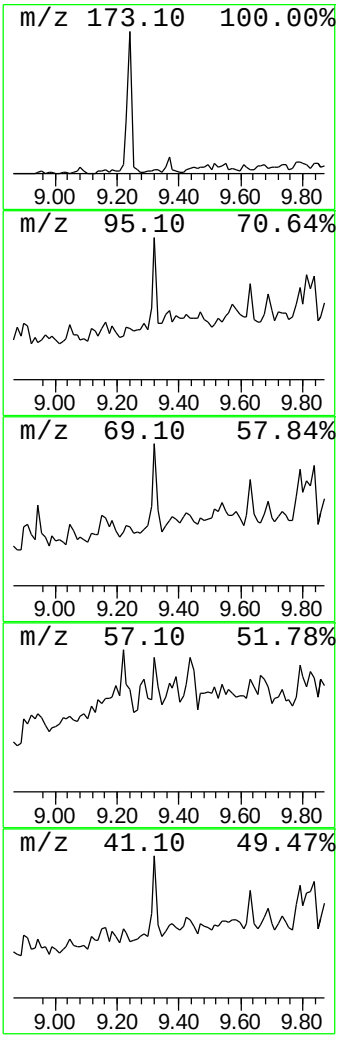
****

Peak Number 13 unknown9.37 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	7.94 ng	321779	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	055255-42-0	38
2	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	38
3	3-Trifluoromethylbenzoic acid, n...	316	C17H23F3O2	1000282-87-5	27
4	2-Trifluoromethylbenzoic acid, p...	260	C13H15F3O2	1000281-87-8	27
5	1-(2,3-Dimethyl-phenyl)-pyrrolid...	188	C12H16N2	1000274-91-8	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

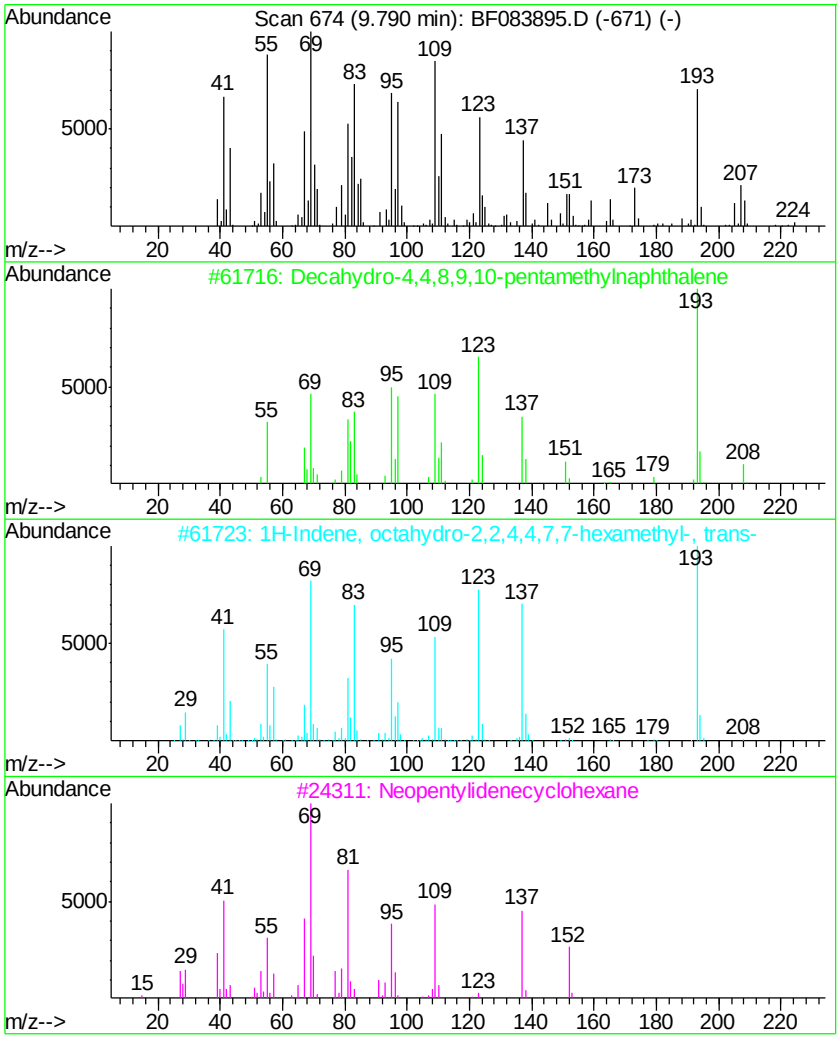
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

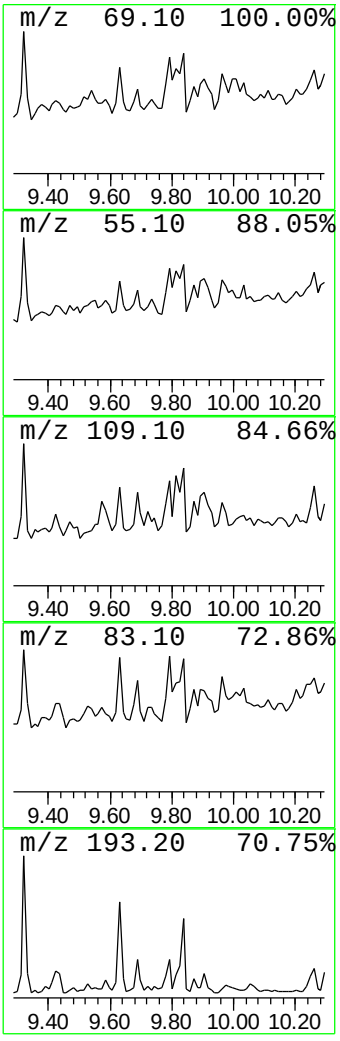
****

Peak Number 14 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	11.74 ng	476130	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	64
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	46
4	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1000195-30-1	42
5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

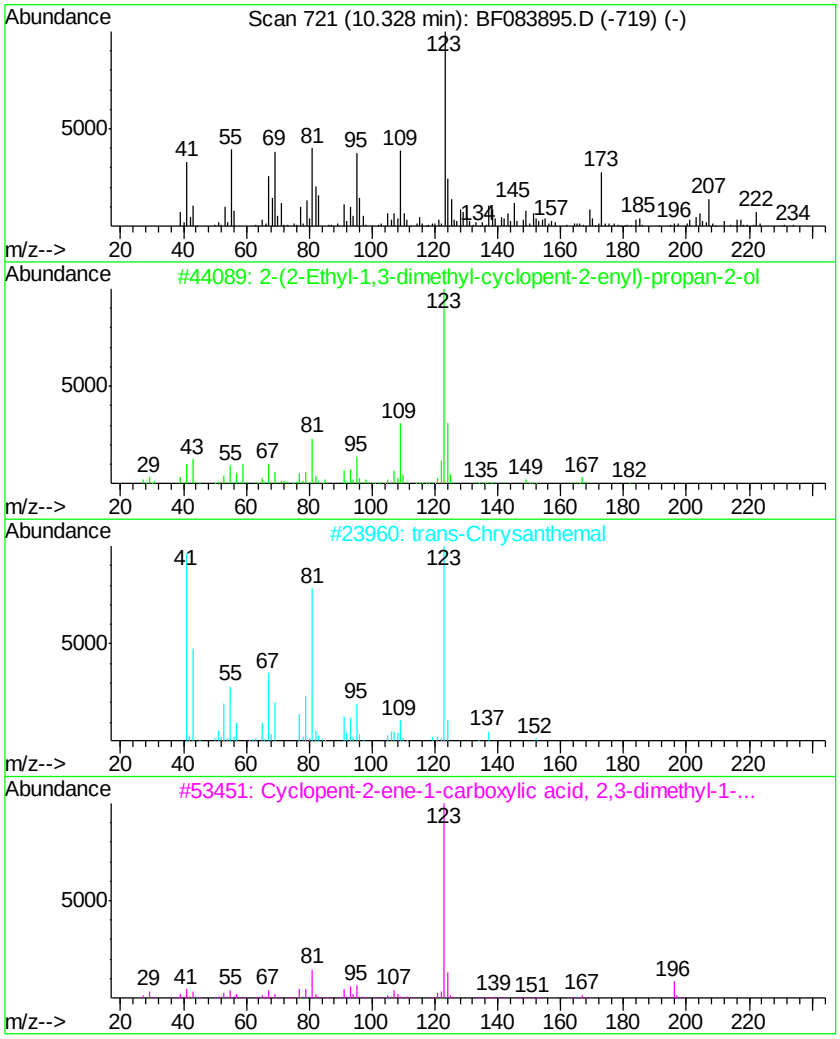
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

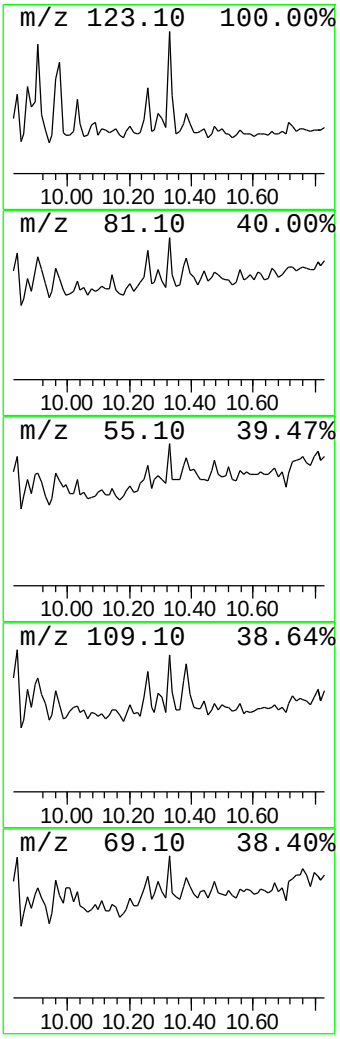
****

Peak Number 15 2-(2-Ethyl-1,3-dimethyl-cyc... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	7.64 ng	309910	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	52
2	trans-Chrysanthemal	152	C10H16O	020104-05-6	43
3	Cyclopent-2-ene-1-carboxylic aci...	196	C12H20O2	1000195-65-4	41
4	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	38
5	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

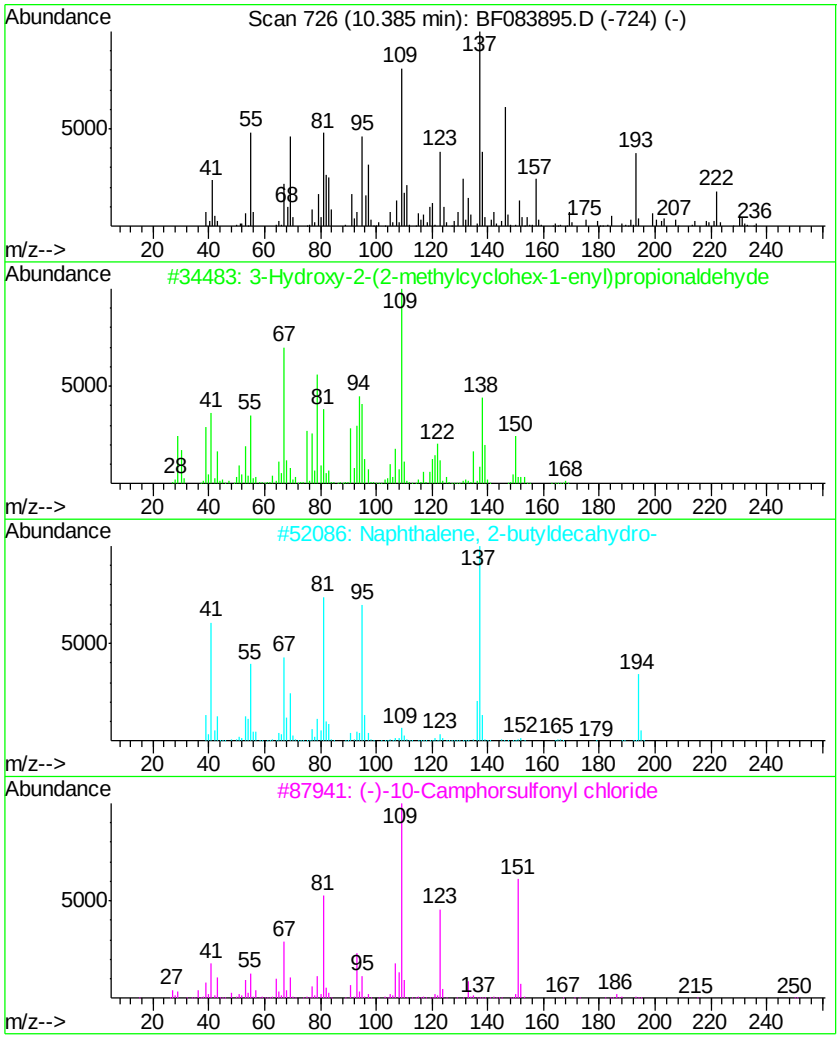
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

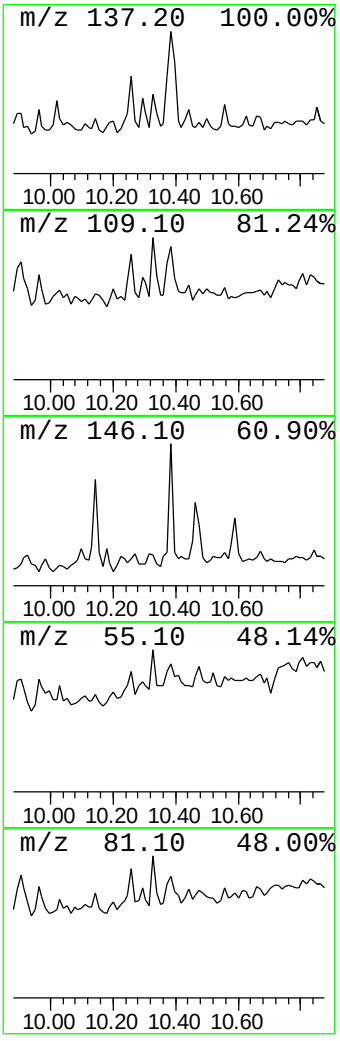
****

Peak Number 16 unknown10.38 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	8.87 ng	359536	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-2-(2-methylcyclohex-1-...	168	C10H16O2	1000186-24-5	22
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	22
3	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	14
4	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	10
5	6-Methyl-3,5-heptadiene-2-one	124	C8H12O	001604-28-0	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

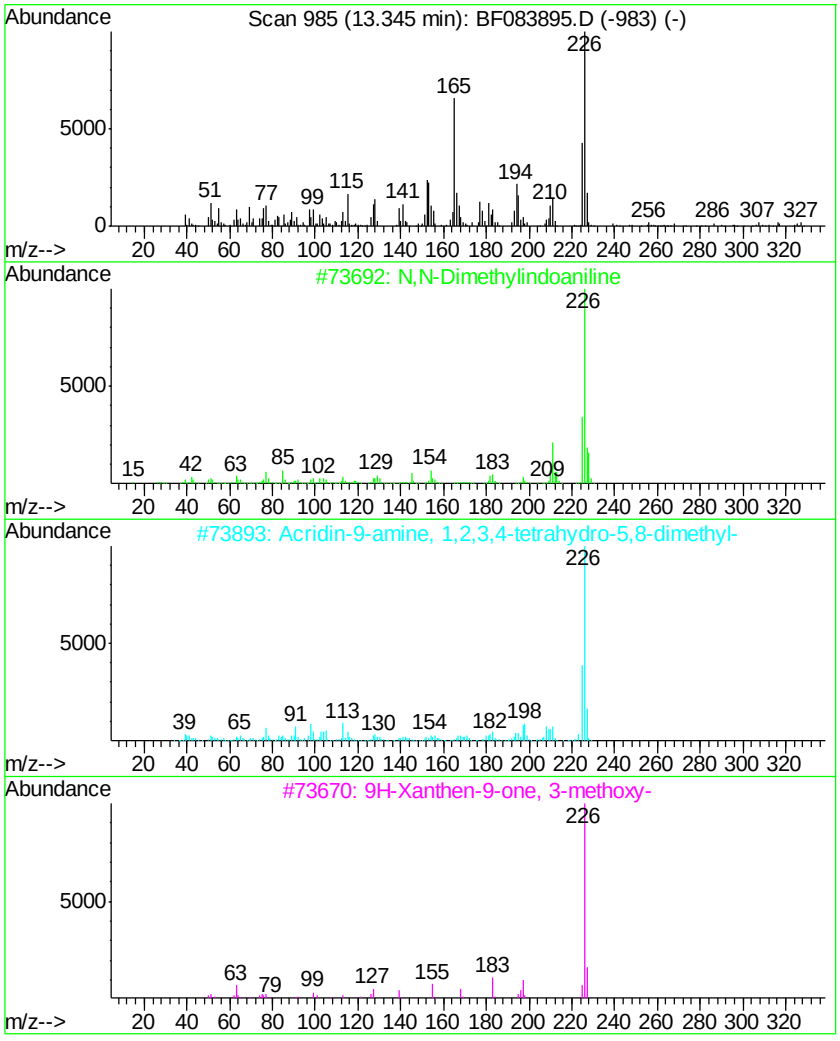
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

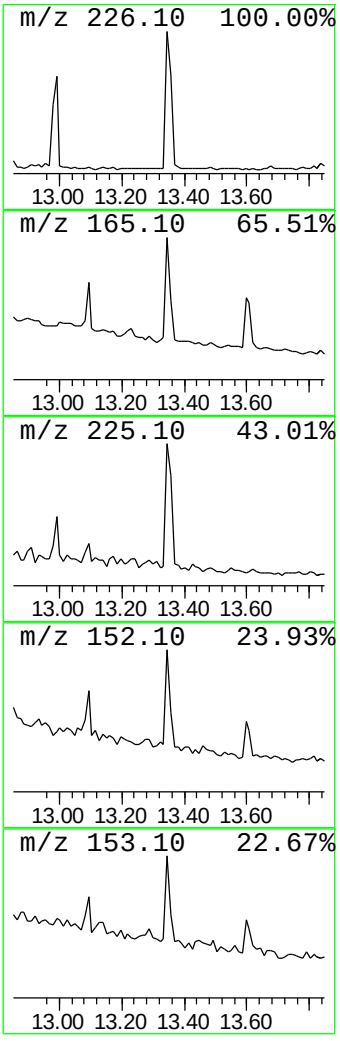
****

Peak Number 17 N,N-Dimethylindoaniline Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.75 ng	198207	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	64
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	60
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	51
4	Anthralin	226	C14H10O3	000480-22-8	46
5	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

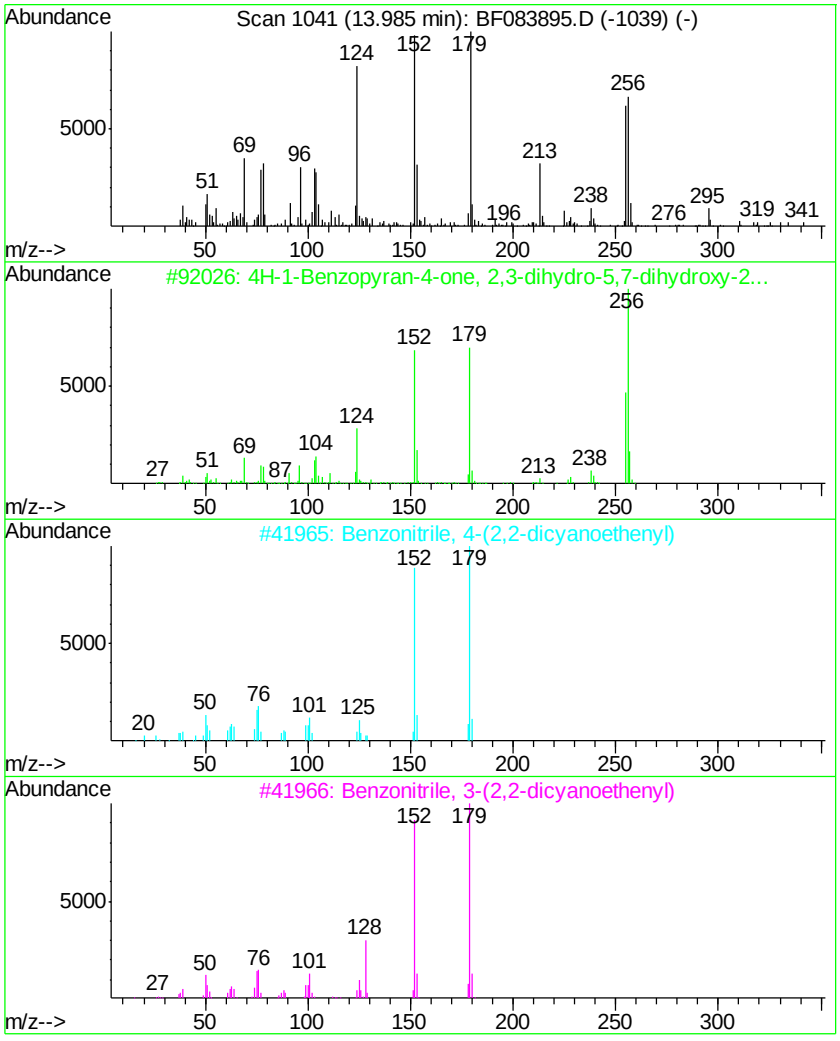
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

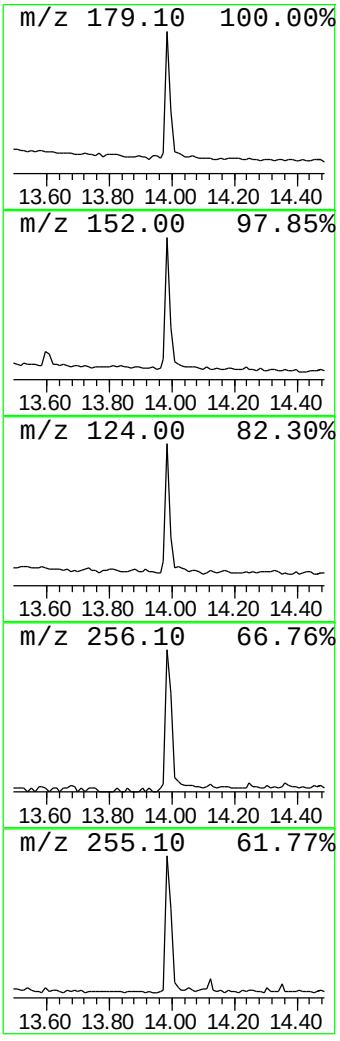
****

Peak Number 18 4H-1-Benzopyran-4-one, 2,3-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	11.58 ng	213663	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	93
2	Benzonitrile, 4-(2,2-dicyanoethe...	179	C11H5N3	036937-92-5	27
3	Benzonitrile, 3-(2,2-dicyanoethe...	179	C11H5N3	060595-33-7	27
4	Benzoyl fluoride	124	C7H5FO	000455-32-3	25
5	2,2'-Biquinoline	256	C18H12N2	000119-91-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

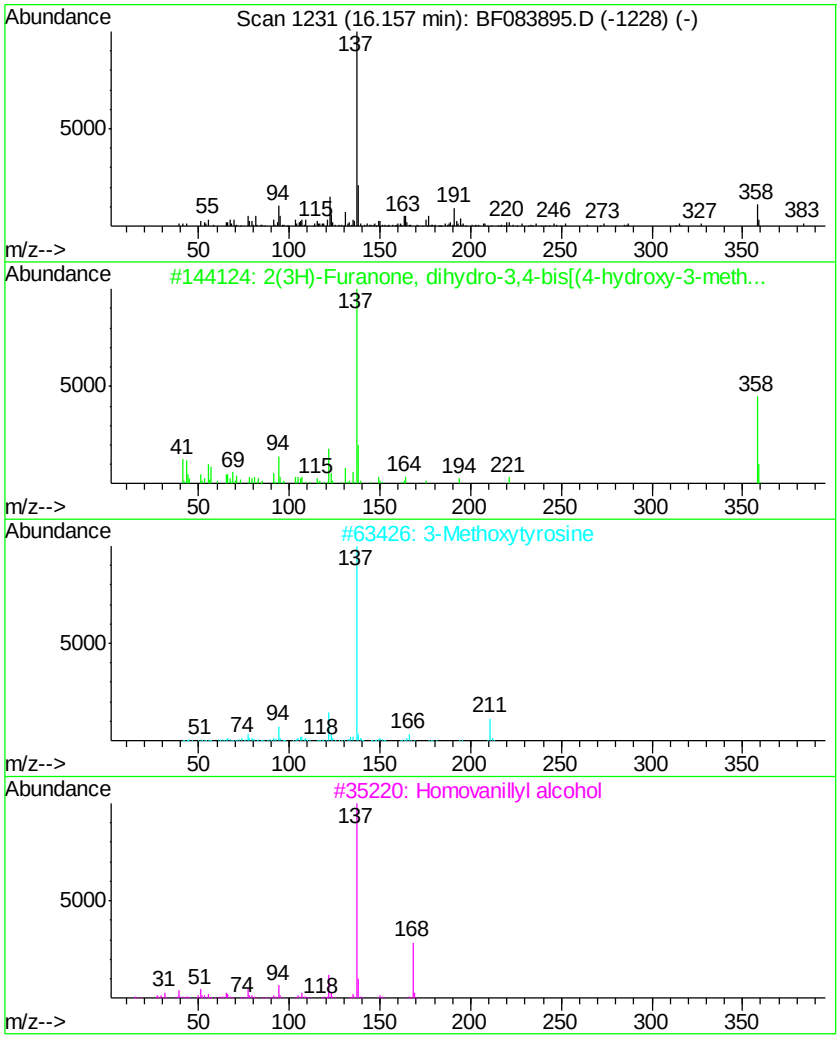
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

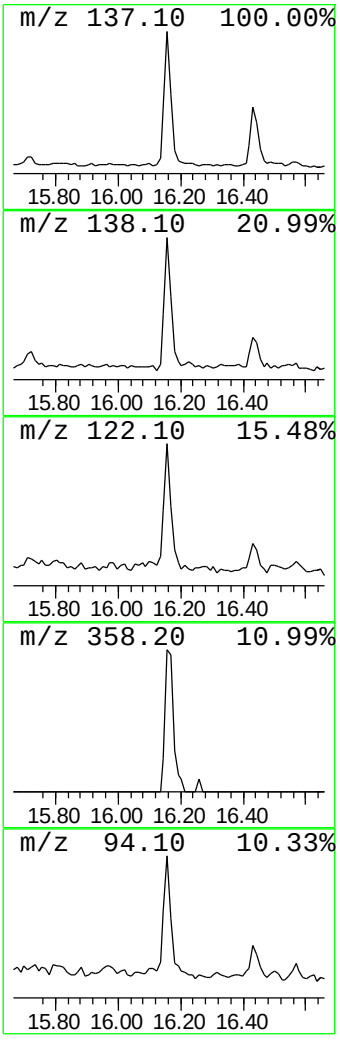
****

Peak Number 19 2(3H)-Furanone, dihydro-3,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	20.34 ng	308487	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3,4-bis[...	358	C20H22O6	000580-72-3	93
2	3-Methoxytyrosine	211	C10H13NO4	1000226-93-6	58
3	Homovanillyl alcohol	168	C9H12O3	002380-78-1	53
4	3-(3-Hydroxy-4-methoxyphenyl)-l-...	211	C10H13NO4	1000103-80-4	53
5	Benzeneacetic acid, 4-hydroxy-3-...	196	C10H12O4	015964-80-4	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

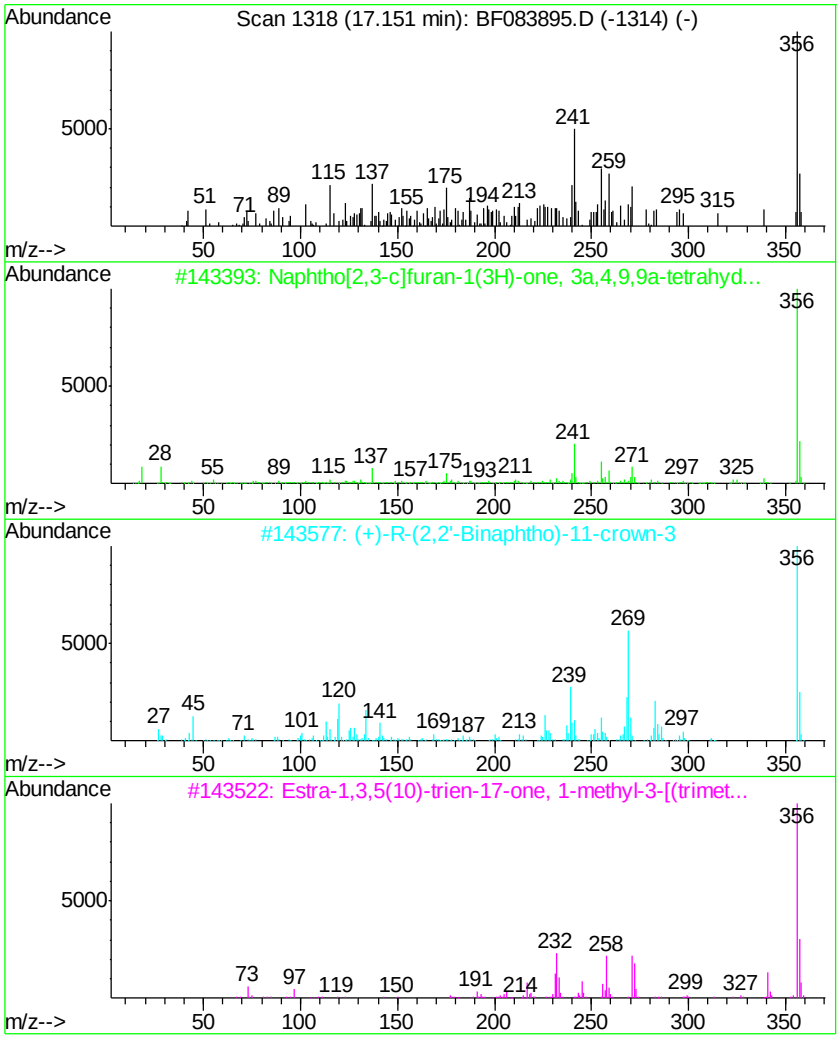
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

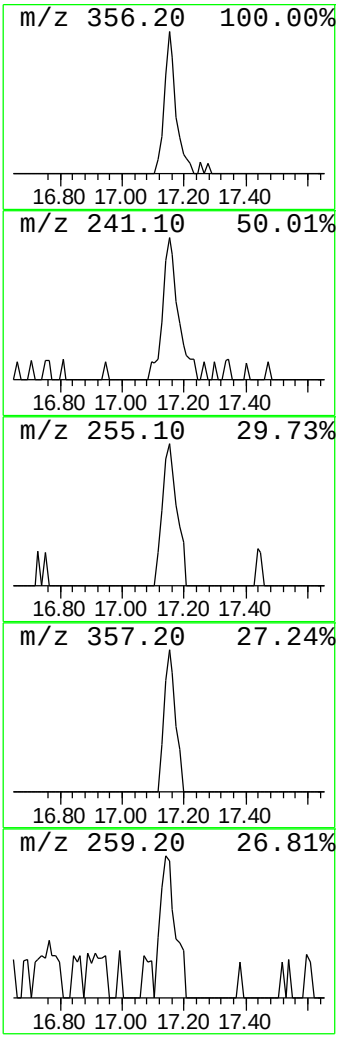
****

Peak Number 20 Naphtho[2,3-c]furan-1(3H)-o... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	16.84 ng	255324	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-c]furan-1(3H)-one, 3...	356	C20H20O6	000518-55-8	81
2	(+)-R-(2,2'-Binaphtho)-11-crown-3	356	C24H20O3	1000164-19-1	43
3	Estra-1,3,5(10)-trien-17-one, 1-...	356	C22H32O2Si	077883-22-8	43
4	5H-Dibenzo[a,d]cycloheptene, 5-(...	356	C28H20	018916-68-2	30
5	9,11-Dimethylacenapthto[1',2':5,...	356	C19H12N6O2	114811-66-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083895.D
Acq On : 18 Dec 2015 4:20
Operator : UM/SJ
Sample : G4680-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.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	14.7	ng	262303	1	6.88	356011	20.0
.alpha.-Pinene	6.16	50.7	ng	903055	1	6.88	356011	20.0
unknown6.65	6.65	86.2	ng	1534750	1	6.88	356011	20.0
Benzene, 1-methyl...	6.96	30.9	ng	550765	1	6.88	356011	20.0
Cyclohexene, 1-me...	7.00	10.0	ng	177436	1	6.88	356011	20.0
Bicyclo[2.2.1]hep...	7.69	11.4	ng	311475	2	8.16	547942	20.0
Bicyclo[2.2.1]hep...	7.90	10.9	ng	299424	2	8.16	547942	20.0
Borneol	8.06	13.7	ng	375174	2	8.16	547942	20.0
Cyclohexane, 1,1,...	8.61	9.8	ng	269509	2	8.16	547942	20.0
Cyclohexanemethan...	8.90	9.6	ng	262467	2	8.16	547942	20.0
unknown9.32	9.32	15.5	ng	629383	3	9.92	811009	20.0
unknown9.37	9.37	7.9	ng	321779	3	9.92	811009	20.0
Decahydro-4,4,8,9...	9.79	11.7	ng	476130	3	9.92	811009	20.0
2-(2-Ethyl-1,3-di...	10.33	7.6	ng	309910	3	9.92	811009	20.0
unknown10.38	10.38	8.9	ng	359536	3	9.92	811009	20.0
N,N-Dimethylindoa...	13.35	10.8	ng	198207	5	14.04	368878	20.0
4H-1-Benzopyran-4...	13.99	11.6	ng	213663	5	14.04	368878	20.0
2(3H)-Furanone, d...	16.16	20.3	ng	308487	6	15.47	303278	20.0
Naphtho[2,3-c]fur...	17.15	16.8	ng	255324	6	15.47	303278	20.0