LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100272.D
Acq On : 7 Nov 2017 4:08
Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

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-BF102317.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	4.998	492	495	518	rBV	32404	86950	3.19%	0.378%
2	5.393	560	562	585	rBV	455061	984417	36.11%	4.281%
3	6.422	734	737	753	rBV	320179	614053	22.53%	2.670%
4	6.534	753	756	775	rVB	1824353	2134962	78.32%	9.285%
5	6.757	792	794	803	rBV	486354	553101	20.29%	2.405%
6	6.910	817	820	834	rBV	1909294	2053681	75.34%	8.931%
7	7.010	834	837	842	rVB	28428	31328	1.15%	0.136%
8	7.287	881	884	887	rBV	195404	146443	5.37%	0.637%
9	7.334	887	892	907	rVV2	1366933	1552806	56.97%	6.753%
10	7.528	922	925	928	rBV	109242	101146	3.71%	0.440%
11	7.557	928	930	935	rVB2	37609	41256	1.51%	0.179%
12	7.686	949	952	954	rBV2	57051	50837	1.86%	0.221%
13	7.716	954	957	963	rVB	97122	106935	3.92%	0.465%
14	7.775	963	967	971	rBV2	419253	422353	15.49%	1.837%
15	7.851	976	980	984	rBV3	24586	38525	1.41%	0.168%
16	8.039	1003	1012	1017	rBV	780028	1043895	38.30%	4.540%
17	8.081	1017	1019	1024	rVV	188734	175555	6.44%	0.763%
18	8.128	1024	1027	1029	rVB	39707	33549	1.23%	0.146%
19	8.186	1035	1037	1041	rBV	27631	29541	1.08%	0.128%
20	8.239	1043	1046	1050	rBV	32574	30976	1.14%	0.135%
21	8.281	1050	1053	1055	rBV	30301	30197	1.11%	0.131%
22	8.316	1055	1059	1064	rVB3	66062	82213	3.02%	0.358%
23	8.422	1073	1077	1082	rVB	91071	94812	3.48%	0.412%
24	8.504	1088	1091	1093	rBV	99292	80532	2.95%	0.350%
25	8.539	1093	1097	1100	rVB3	50024	67269	2.47%	0.293%
26	8.598	1105	1107	1109	rVB	45480	33242	1.22%	0.145%
27	8.628	1109	1112	1115	rBV2	70692	83541	3.06%	0.363%
28	8.698	1120	1124	1125	rVV2	52862	59758	2.19%	0.260%
29	8.716	1125	1127	1132	rVB3	75479	101745	3.73%	0.442%
30	8.763	1132	1135	1141	rBV2	116007	134338	4.93%	0.584%
31	8.857	1147	1151	1154	rBV	386824	409481	15.02%	1.781%
32	8.939	1161	1165	1167	rBV2	22377	29938	1.10%	0.130%
33	9.004	1174	1176	1181	rVB3	26483	31520	1.16%	0.137%
34	9.069	1181	1187	1189	rBV5	33486	44624	1.64%	0.194%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RW-3

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.116	1191	1195	1198	rBV	3044315	2725855	100.00%	11.854%
36	9.257	1216	1219	1222	rVB	50176	50660	1.86%	0.220%
37	9.298	1222	1226	1228	rBV4	36555	42886	1.57%	0.187%
38	9.328	1228	1231	1235	rVB3	61623	74202	2.72%	0.323%
39	9.380	1237	1240	1246	rBV2	139904	198484	7.28%	0.863%
40	9.457	1249	1253	1256	rVV	221848	251122	9.21%	1.092%
41	9.486	1256	1258	1262	rVB2	126302	127134	4.66%	0.553%
42	9.575	1270	1273	1274	rBV	89298	79172	2.90%	0.344%
43	9.657	1284	1287	1291	rBV	84245	83424	3.06%	0.363%
44	9.792	1307	1310	1315	rBV2	938196	905323	33.21%	3.937%
45	9.833	1315	1317	1324	rVB3	77717	98783	3.62%	0.430%
46	9.904	1325	1329	1333	rBV2	54450	81832	3.00%	0.356%
47	9.945	1333	1336	1341	rVB3	33455	40855	1.50%	0.178%
48	9.998	1341	1345	1350	rBV3	59887	88271	3.24%	0.384%
49	10.039	1350	1352	1355	rVB	38178	32797	1.20%	0.143%
50	10.110	1360	1364	1368	rVB2	84077	100574	3.69%	0.437%
51	10.151	1368	1371	1376	rBV3	46861	69114	2.54%	0.301%
52	10.192	1376	1378	1382	rBV3	32856	38148	1.40%	0.166%
53	10.292	1393	1395	1398	rBV2	37931	32564	1.19%	0.142%
54	10.351	1401	1405	1410	rVB3	56540	66877	2.45%	0.291%
55	10.410	1411	1415	1421	rBV	127334	157555	5.78%	0.685%
56	10.510	1430	1432	1436	rVB	49105	48260	1.77%	0.210%
57	10.551	1436	1439	1442	rBV3	50928	57682	2.12%	0.251%
58	10.592	1442	1446	1452	rBV	1469106	1506057	55.25%	6.550%
59	10.927	1500	1503	1506	rBV3	37039	45597	1.67%	0.198%
60	11.286	1561	1564	1573	rBV	910867	887659	32.56%	3.860%
61	11.804	1649	1652	1655	rBV3	61646	62063	2.28%	0.270%
62	11.839	1655	1658	1662	rVB2	30138	33080	1.21%	0.144%
63	12.586	1782	1785	1792	rVB4	35260	41303	1.52%	0.180%
64	12.868	1829	1833	1837	rBV	2438264	2408201	88.35%	10.473%
65	13.945	2012	2016	2026	rBV	469127	516250	18.94%	2.245%
66	15.410	2261	2265	2277	rBV	285065	461749	16.94%	2.008%
67	16.221	2397	2403	2408	rBV3	21037	34478	1.26%	0.150%
68	16.780	2492	2498	2505	rBV3	16148	31271	1.15%	0.136%

Sum of corrected areas: 22994801

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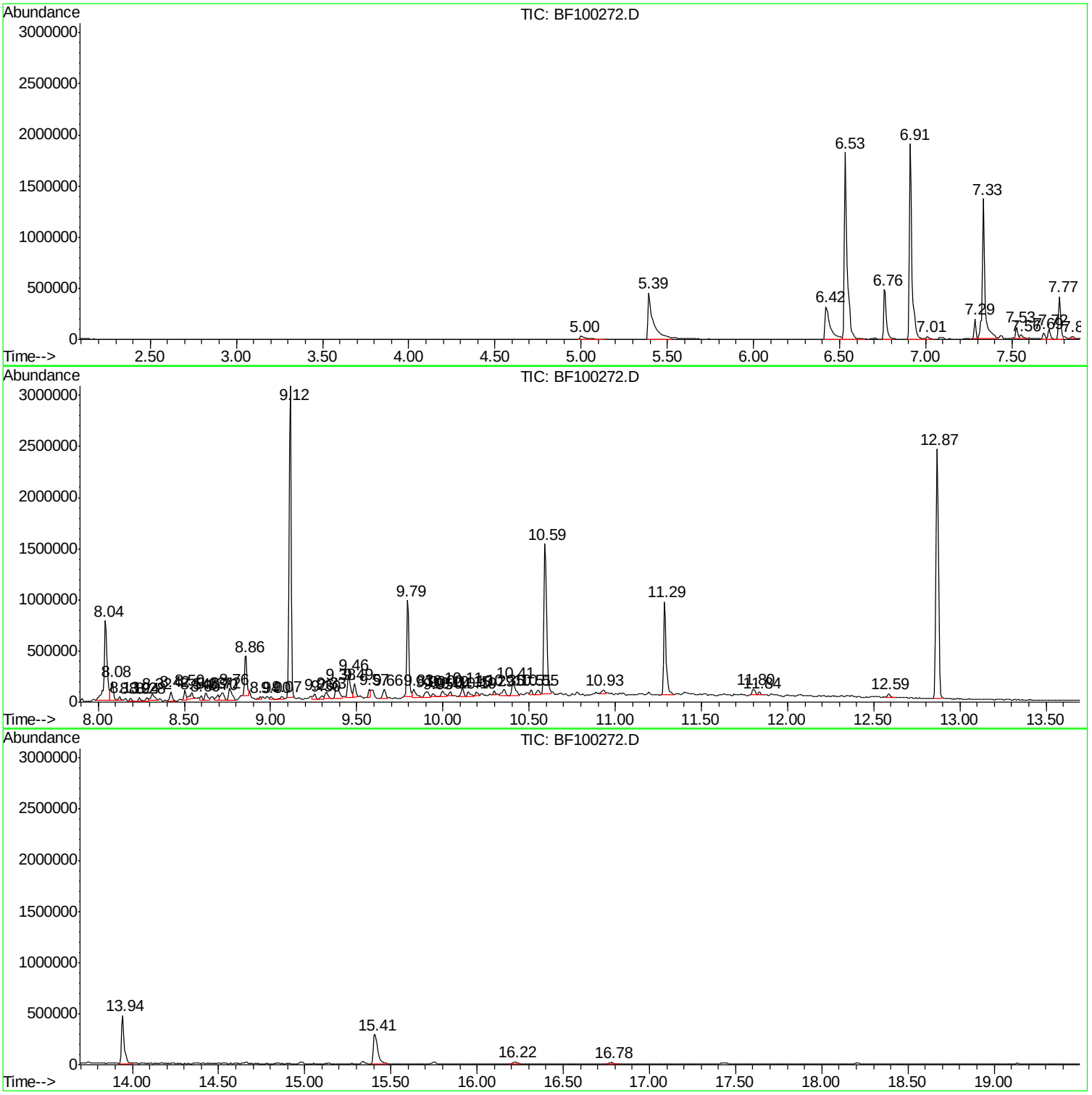
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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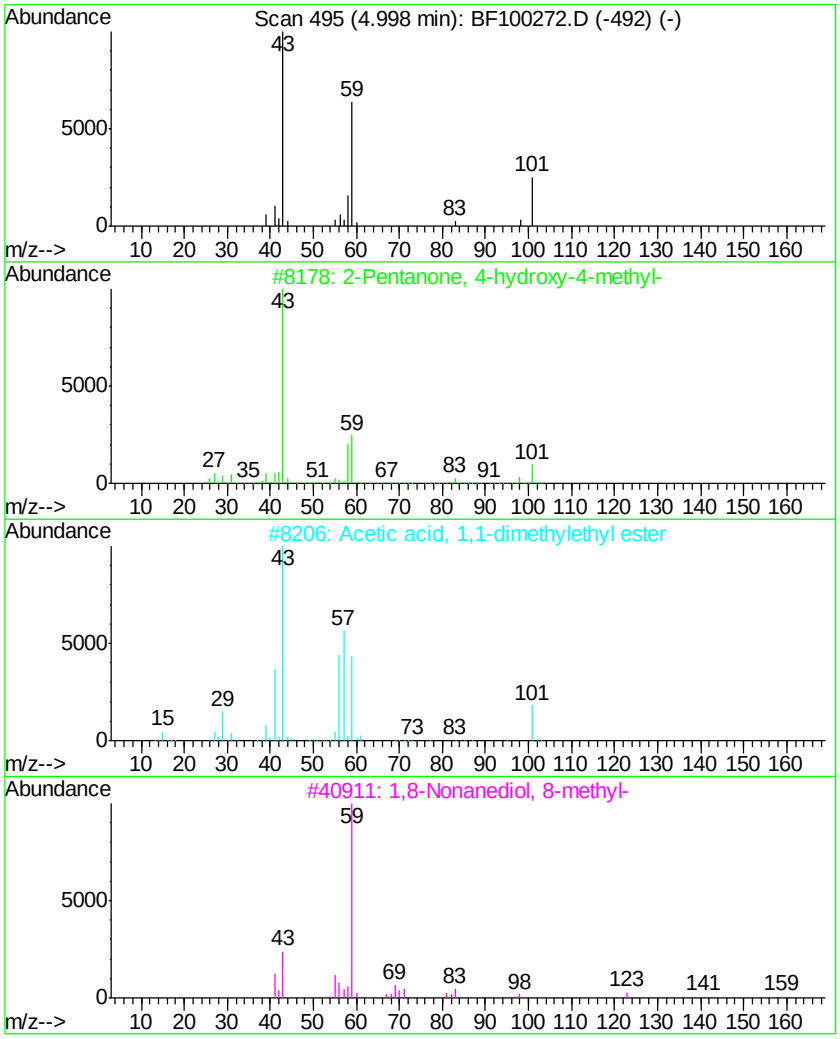
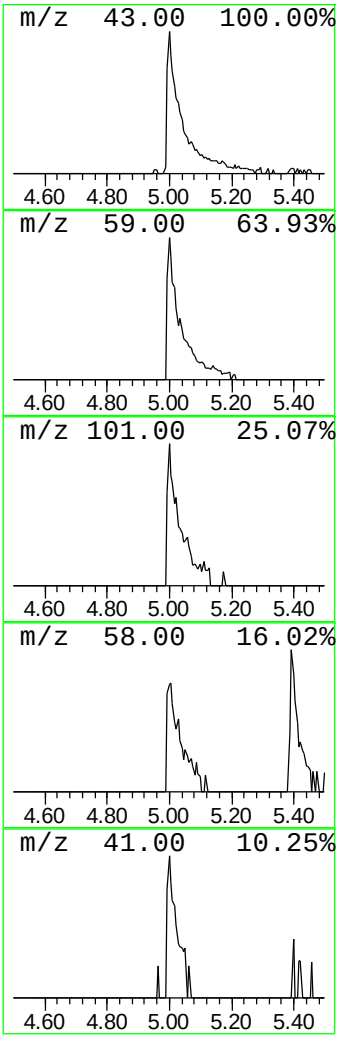
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.14 ng	86950	1,4-Dichlorobenzene-d4	6.76

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

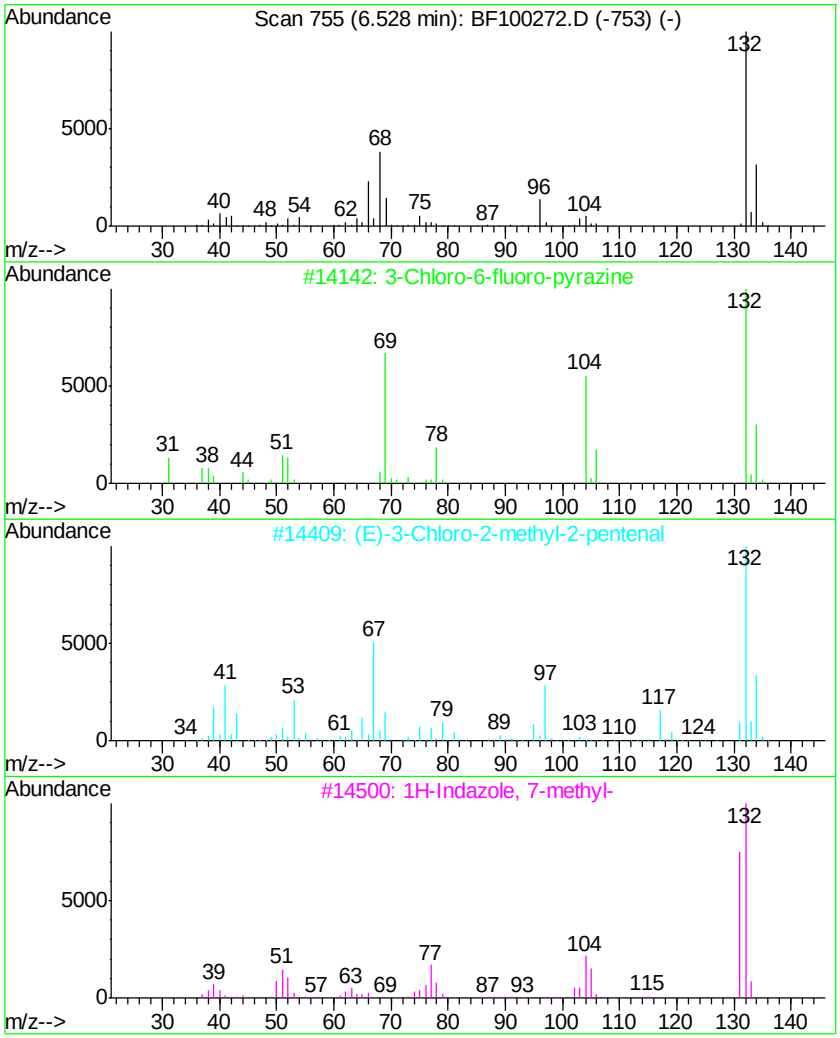
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

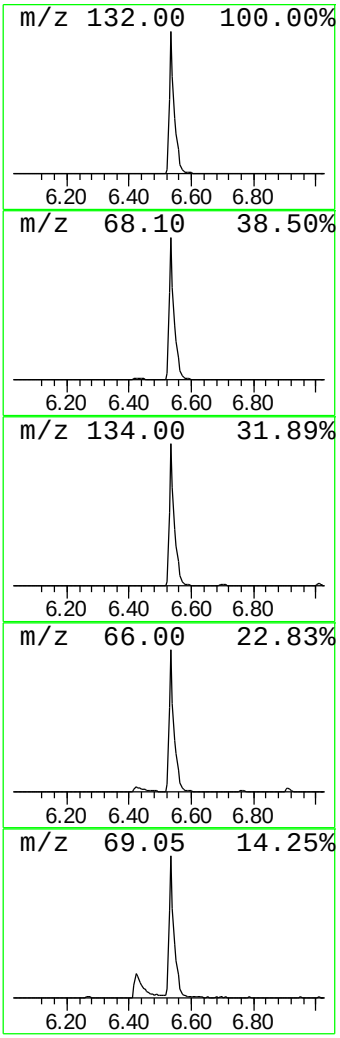
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	77.20 ng	2134960	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	Xenon	132	Xe	007440-63-3	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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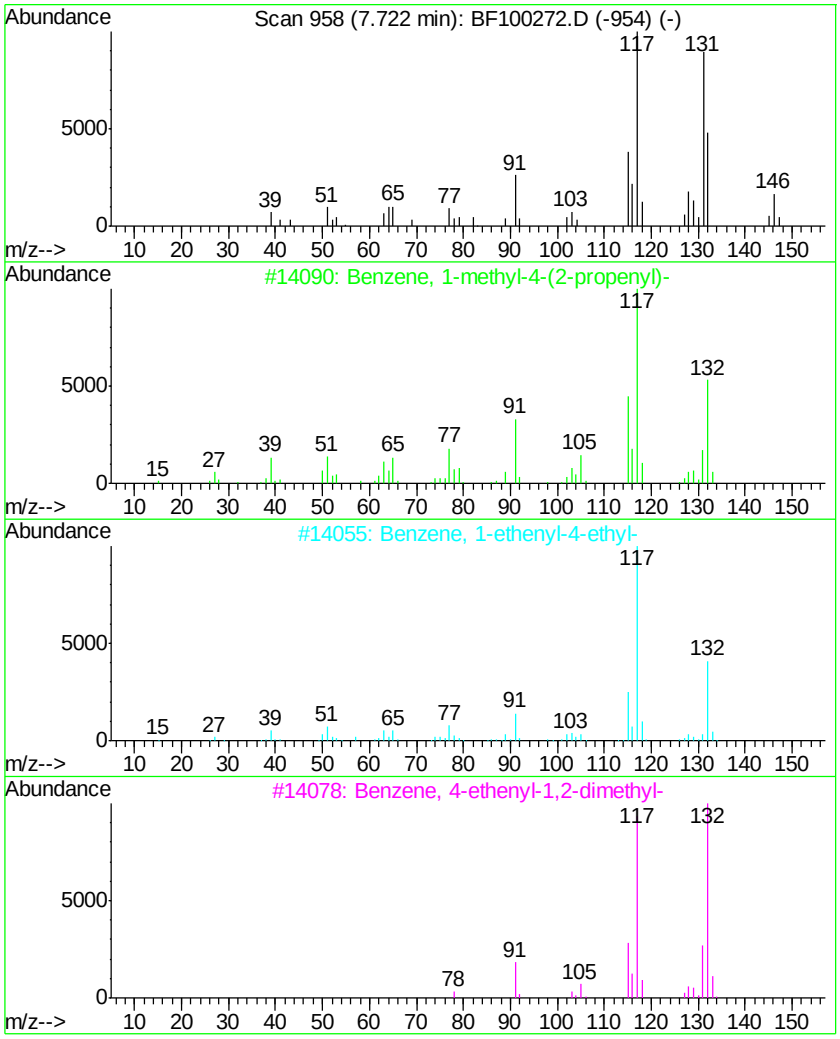
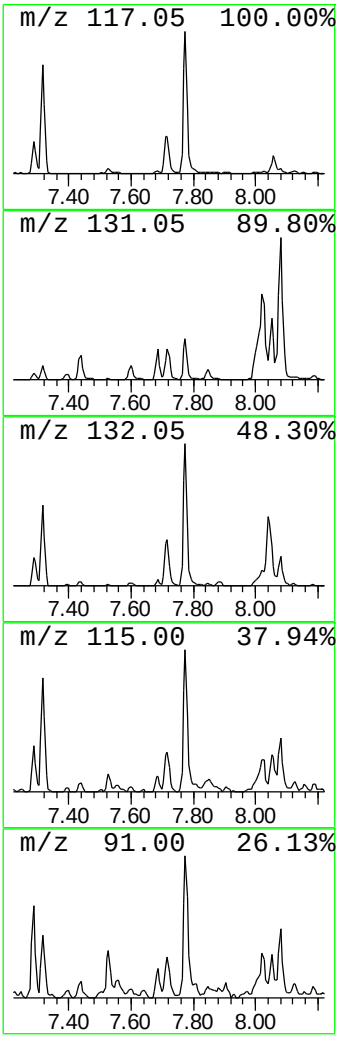
****

Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.05 ng	106935	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	76
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	68
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64





Library Search Compound Report

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Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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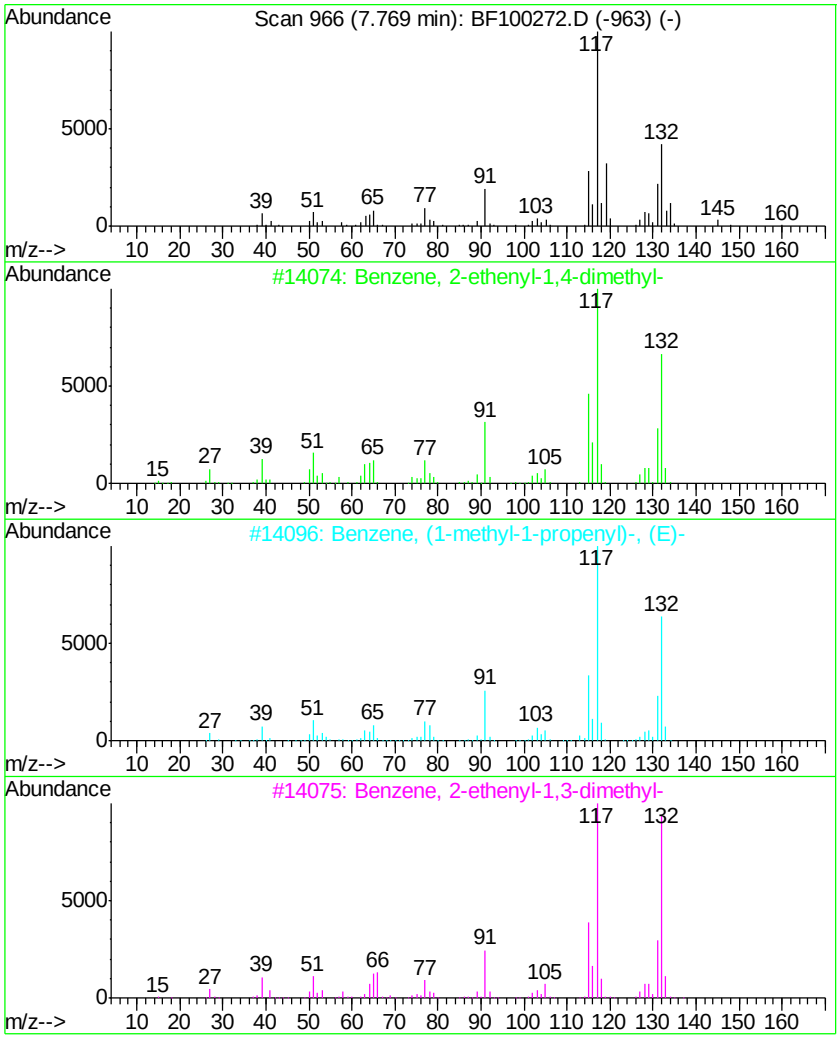
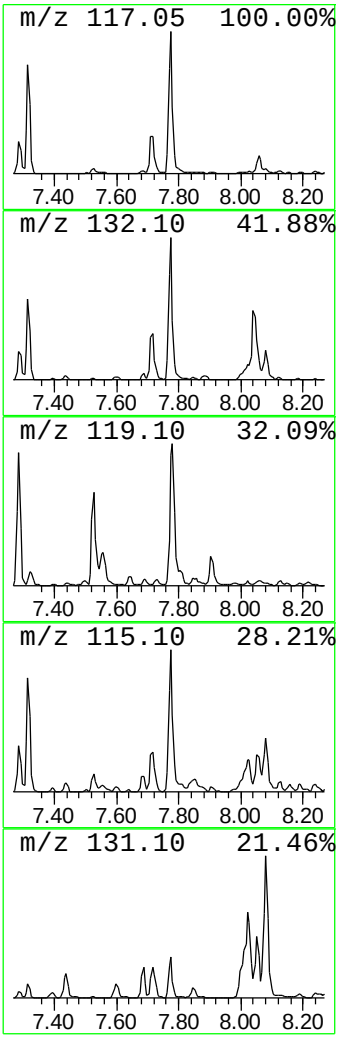
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	8.09 ng	422353	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	89
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





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Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

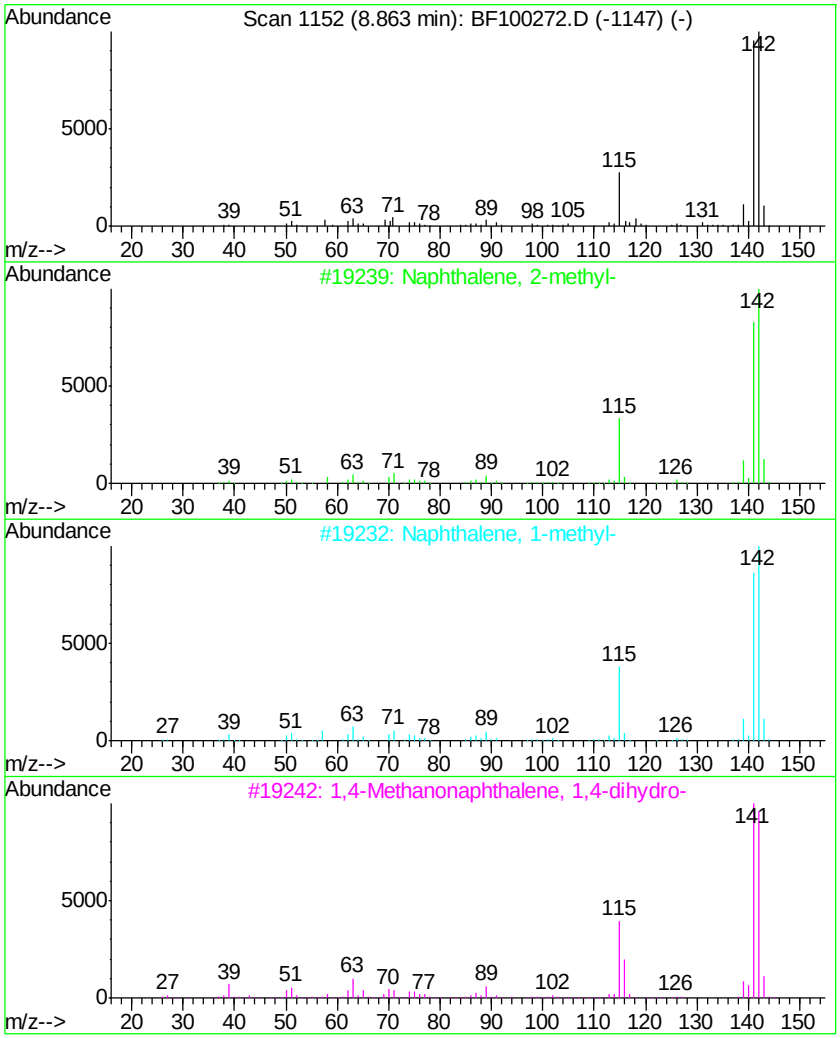
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

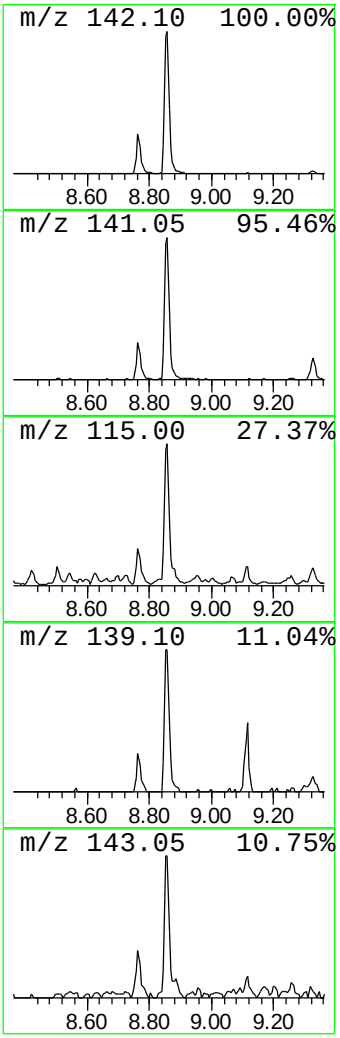
****

Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	7.85 ng	409481	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	43





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Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

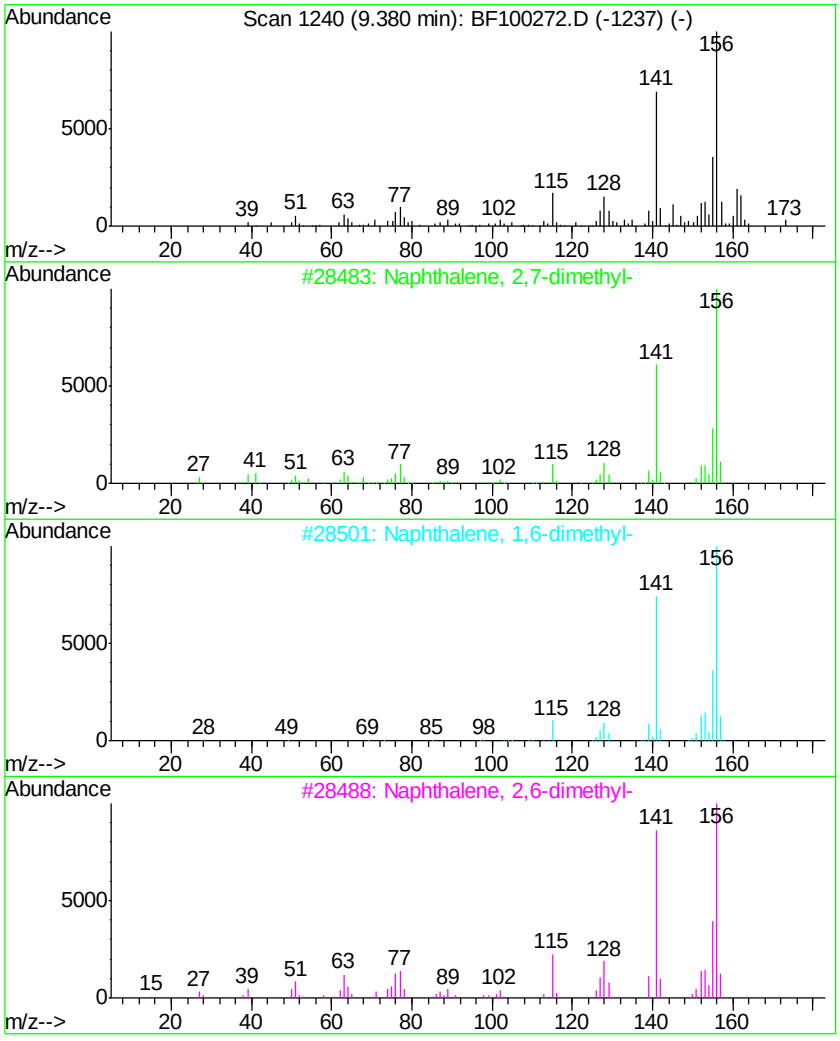
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

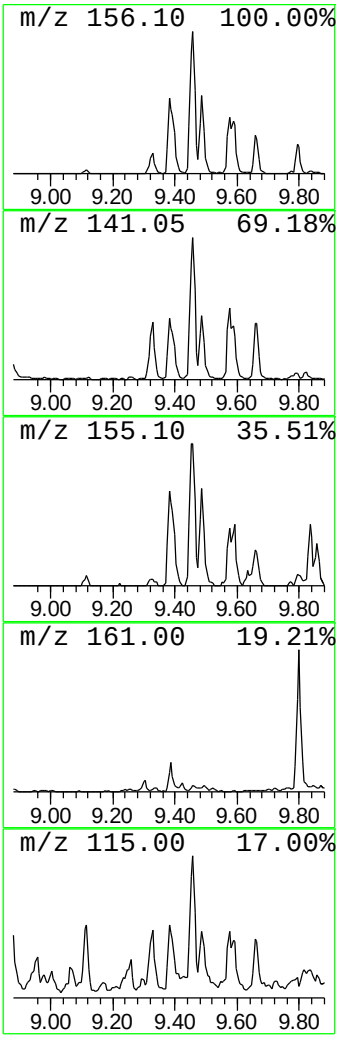
****

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.38 ng	198484	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Library Search Compound Report

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Data File : BF100272.D
Acq On : 7 Nov 2017 4:08
Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

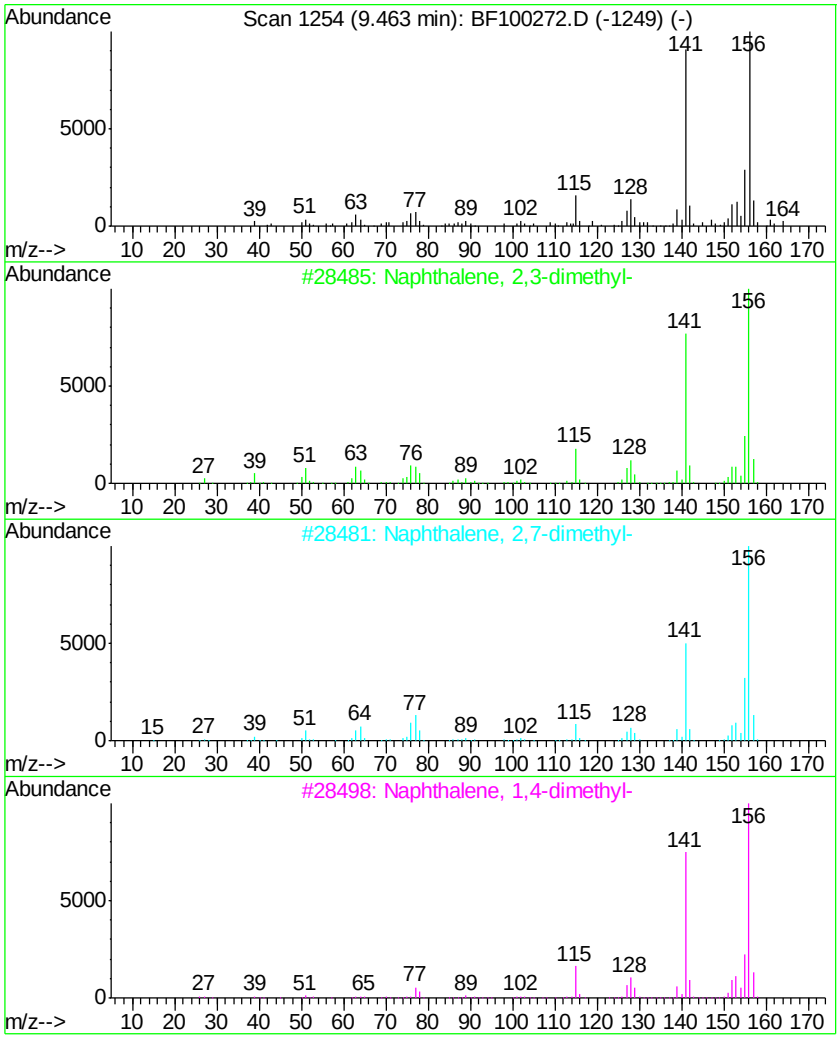
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

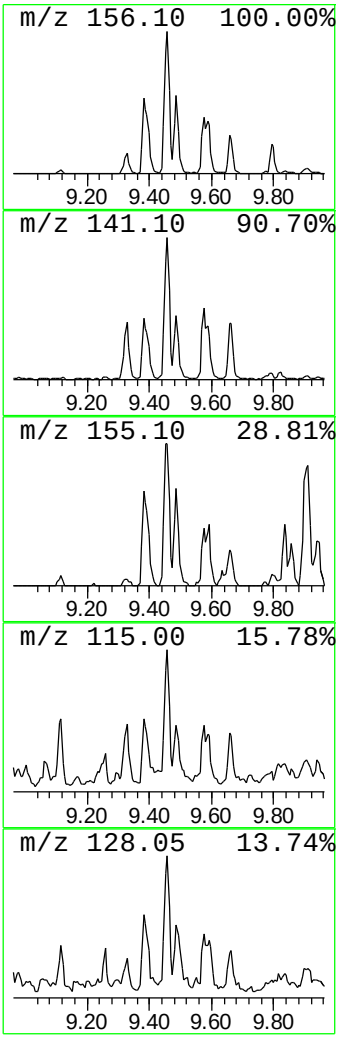
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	5.55 ng	251122	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Data File : BF100272.D
Acq On : 7 Nov 2017 4:08
Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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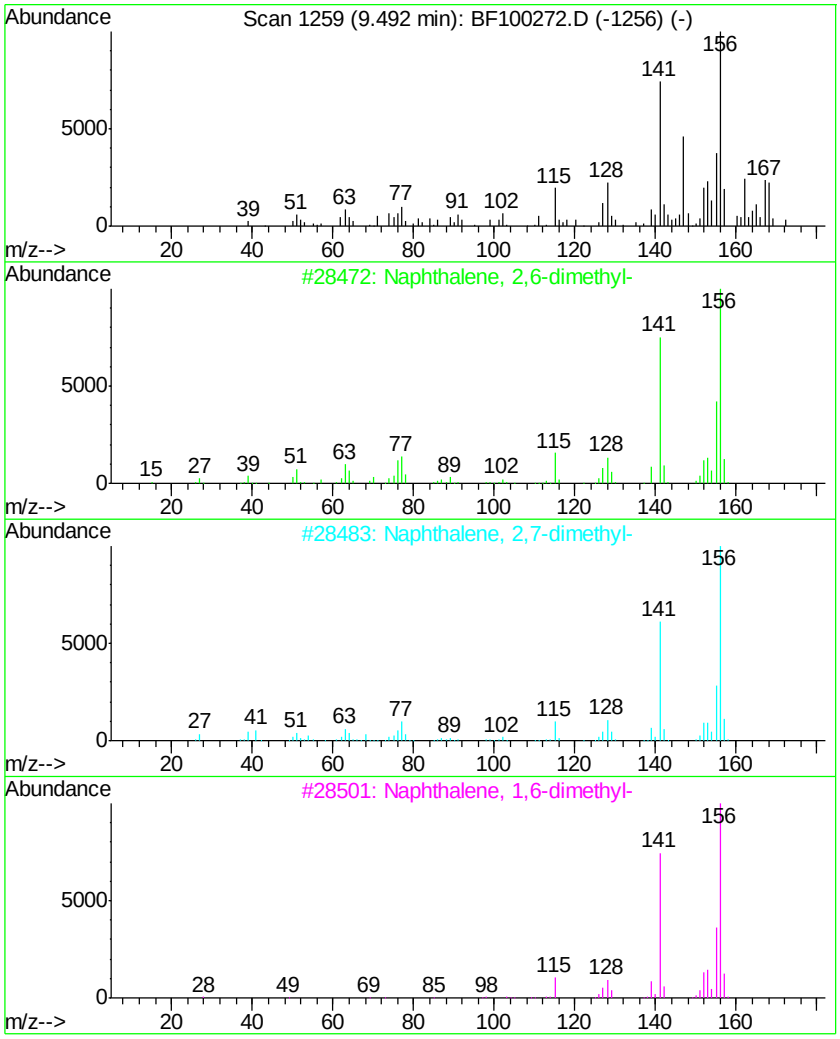
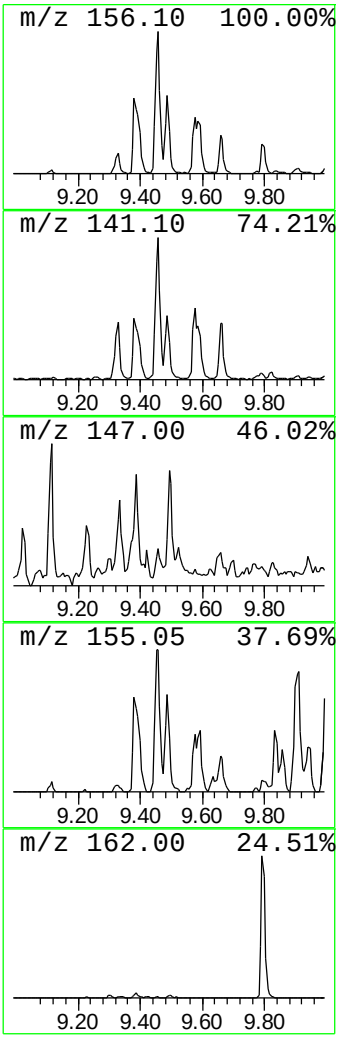
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.81 ng	127134	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100272.D
Acq On : 7 Nov 2017 4:08
Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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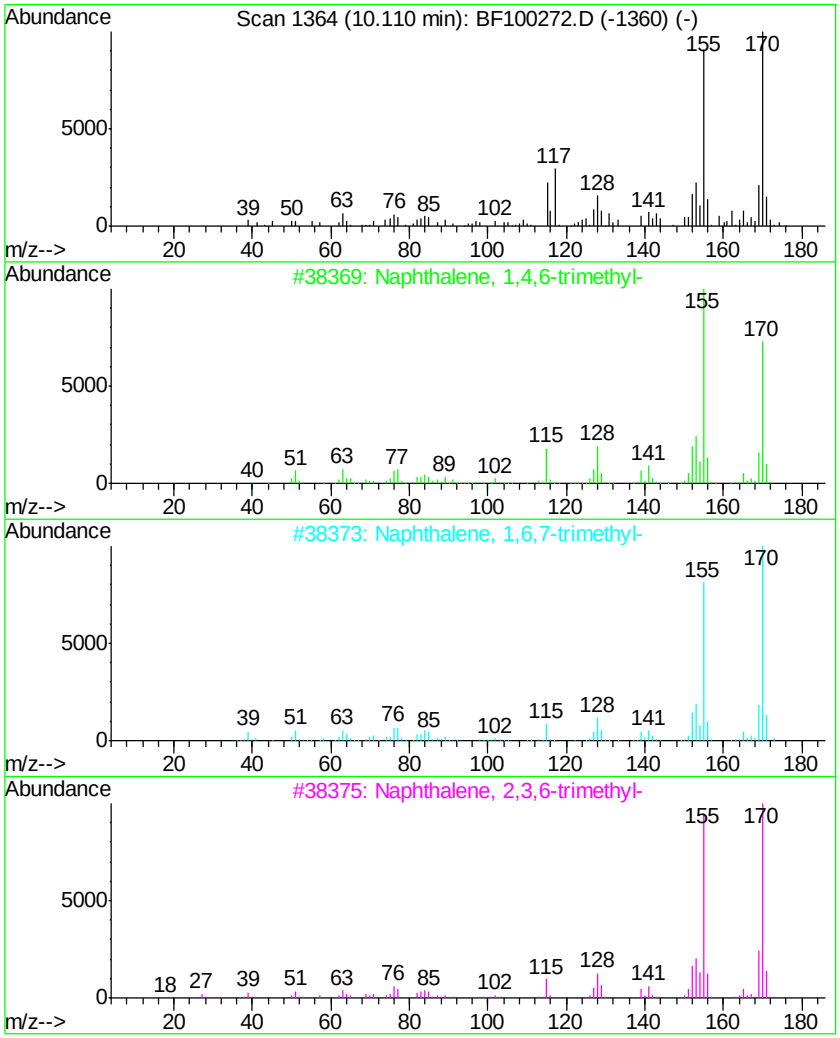
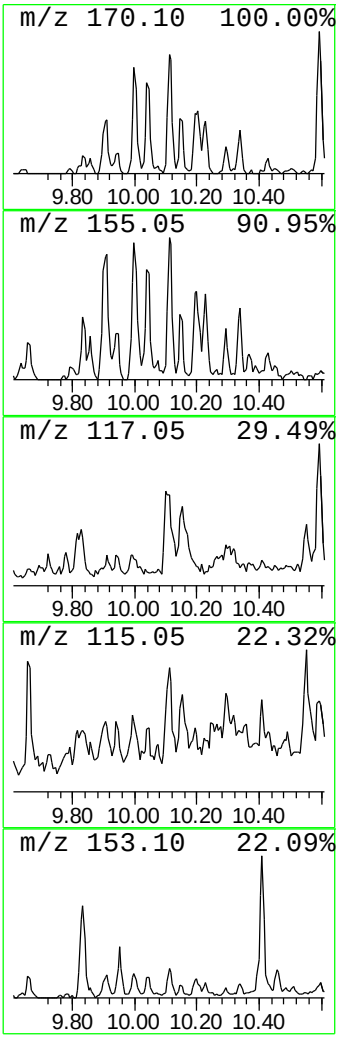
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.22 ng	100574	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100272.D
Acq On : 7 Nov 2017 4:08
Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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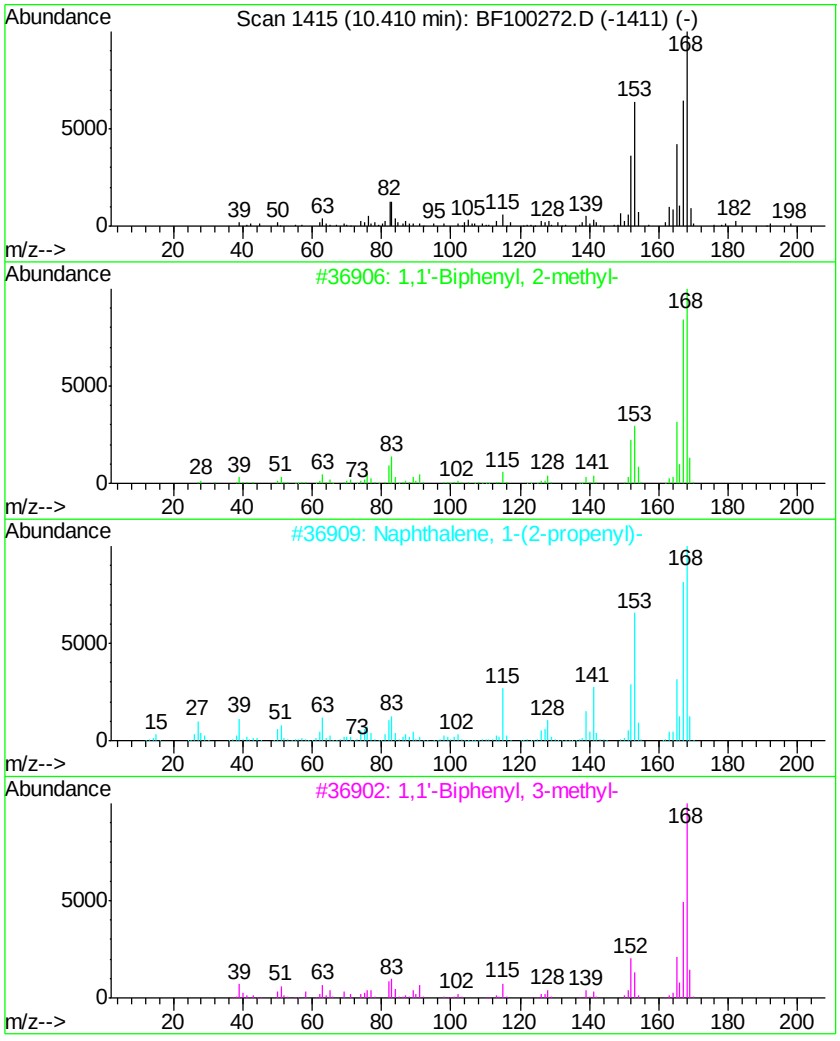
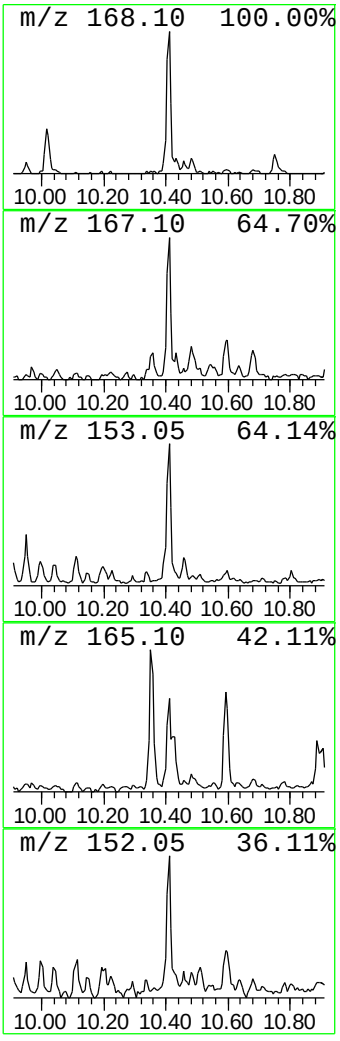
Peak Number 11 1,1'-Biphenyl, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	3.48 ng	157555	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100272.D
Acq On : 7 Nov 2017 4:08
Operator : SJ/JU
Sample : I6320-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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...	5.00	3.1	ng	86950	1	6.76	553101	20.0
unknown6.53	6.53	77.2	ng	2134960	1	6.76	553101	20.0
Benzene, 1-methyl...	7.72	2.0	ng	106935	2	8.04	1043900	20.0
Benzene, 2-etheny...	7.77	8.1	ng	422353	2	8.04	1043900	20.0
Naphthalene, 2-me...	8.86	7.8	ng	409481	2	8.04	1043900	20.0
Naphthalene, 2,7-...	9.38	4.4	ng	198484	3	9.79	905323	20.0
Naphthalene, 2,3-...	9.46	5.5	ng	251122	3	9.79	905323	20.0
Naphthalene, 2,6-...	9.49	2.8	ng	127134	3	9.79	905323	20.0
Naphthalene, 1,4,...	10.11	2.2	ng	100574	3	9.79	905323	20.0
1,1'-Biphenyl, 2-...	10.41	3.5	ng	157555	3	9.79	905323	20.0