

Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
 Data File : BF094624.D
 Acq On : 26 Apr 2017 1:06
 Operator : SJ/MA
 Sample : I2821-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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	4.301	398	402	416	rBV	1122155	1480012	4.76%	1.526%
2	4.995	516	520	524	rBV	1287547	1295933	4.17%	1.336%
3	5.137	540	544	546	rBV2	280764	312870	1.01%	0.323%
4	5.390	584	587	596	rBV2	170953	405958	1.31%	0.418%
5	5.507	602	607	612	rBV	1717326	2414580	7.76%	2.489%
6	5.548	612	614	617	rVV2	324686	432414	1.39%	0.446%
7	5.684	634	637	639	rBV	367011	368962	1.19%	0.380%
8	5.748	644	648	653	rBV	683315	671934	2.16%	0.693%
9	5.931	672	679	681	rBV	2291553	2206546	7.09%	2.275%
10	5.960	681	684	690	rVV2	758831	803408	2.58%	0.828%
11	6.042	694	698	705	rVV	330244	363998	1.17%	0.375%
12	6.384	751	756	757	rVV2	774515	1051671	3.38%	1.084%
13	6.407	757	760	766	rVB2	2127530	2171123	6.98%	2.238%
14	6.654	799	802	805	rVB	479126	436514	1.40%	0.450%
15	6.731	810	815	818	rBV2	335122	429136	1.38%	0.442%
16	6.842	828	834	836	rBV	797084	965299	3.10%	0.995%
17	6.872	836	839	845	rVB2	1093180	1522166	4.89%	1.569%
18	6.948	845	852	856	rBV3	1474398	2064539	6.64%	2.128%
19	6.984	856	858	864	rVB3	269399	428123	1.38%	0.441%
20	7.060	864	871	875	rVB4	420638	562408	1.81%	0.580%
21	7.248	899	903	906	rVV	1342101	1319940	4.24%	1.361%
22	7.319	912	915	919	rVB	557314	559499	1.80%	0.577%
23	7.378	921	925	927	rBV2	258745	320965	1.03%	0.331%
24	7.495	941	945	947	rBV	500552	484889	1.56%	0.500%
25	7.636	950	969	971	rBV2	6747950	31107161	100.00%	32.068%
26	7.748	981	988	990	rVB	5232468	7505898	24.13%	7.738%
27	7.878	1007	1010	1013	rVB	981353	874017	2.81%	0.901%
28	7.983	1025	1028	1033	rBV3	410553	518479	1.67%	0.534%
29	8.066	1039	1042	1046	rVB	763301	715183	2.30%	0.737%
30	8.131	1046	1053	1057	rBV2	964459	1303193	4.19%	1.343%
31	8.219	1065	1068	1070	rBV2	259243	347017	1.12%	0.358%
32	8.248	1070	1073	1075	rBV	1126148	1146245	3.68%	1.182%
33	8.548	1121	1124	1126	rBV3	350190	377096	1.21%	0.389%
34	8.578	1126	1129	1132	rVB	3015703	3066881	9.86%	3.162%

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35	8.636	1132	1139	1142	rVB5	302914	375675	1.21%	0.387%
36	8.760	1151	1160	1163	rBV	1744169	3531697	11.35%	3.641%
37	8.807	1163	1168	1169	rBV3	682204	749844	2.41%	0.773%
38	8.913	1178	1186	1189	rBV2	2078008	4358060	14.01%	4.493%
39	8.983	1194	1198	1201	rBV	1242235	1448920	4.66%	1.494%
40	9.013	1201	1203	1211	rVB	916490	986497	3.17%	1.017%
41	9.119	1217	1221	1223	rBV2	462700	678430	2.18%	0.699%
42	9.225	1235	1239	1242	rBV2	423635	441219	1.42%	0.455%
43	9.389	1264	1267	1271	rVV2	924895	1032441	3.32%	1.064%
44	9.425	1271	1273	1276	rVV	287071	324439	1.04%	0.334%
45	9.483	1280	1283	1288	rVV5	247373	400887	1.29%	0.413%
46	9.530	1288	1291	1297	rVB	311161	556657	1.79%	0.574%
47	9.654	1307	1312	1315	rVV2	381609	515063	1.66%	0.531%
48	9.701	1317	1320	1323	rVB2	337342	313131	1.01%	0.323%
49	9.901	1349	1354	1358	rBV5	520629	766262	2.46%	0.790%
50	10.095	1378	1387	1389	rBV3	638251	1670682	5.37%	1.722%
51	10.254	1411	1414	1418	rVB2	395864	486770	1.56%	0.502%
52	10.372	1430	1434	1438	rVB2	1402860	1762109	5.66%	1.817%
53	10.489	1450	1454	1459	rVB2	368993	530644	1.71%	0.547%
54	10.583	1464	1470	1474	rVV3	522360	772952	2.48%	0.797%
55	10.689	1484	1488	1492	rBV2	300953	404712	1.30%	0.417%
56	11.207	1573	1576	1579	rVV	600614	662477	2.13%	0.683%
57	12.542	1796	1803	1808	rBV2	544881	971623	3.12%	1.002%
58	13.189	1908	1913	1917	rBV	2014954	2145242	6.90%	2.212%
59	14.460	2125	2129	2133	rBV	601268	602876	1.94%	0.621%
60	16.089	2402	2406	2415	rVB	415319	480161	1.54%	0.495%

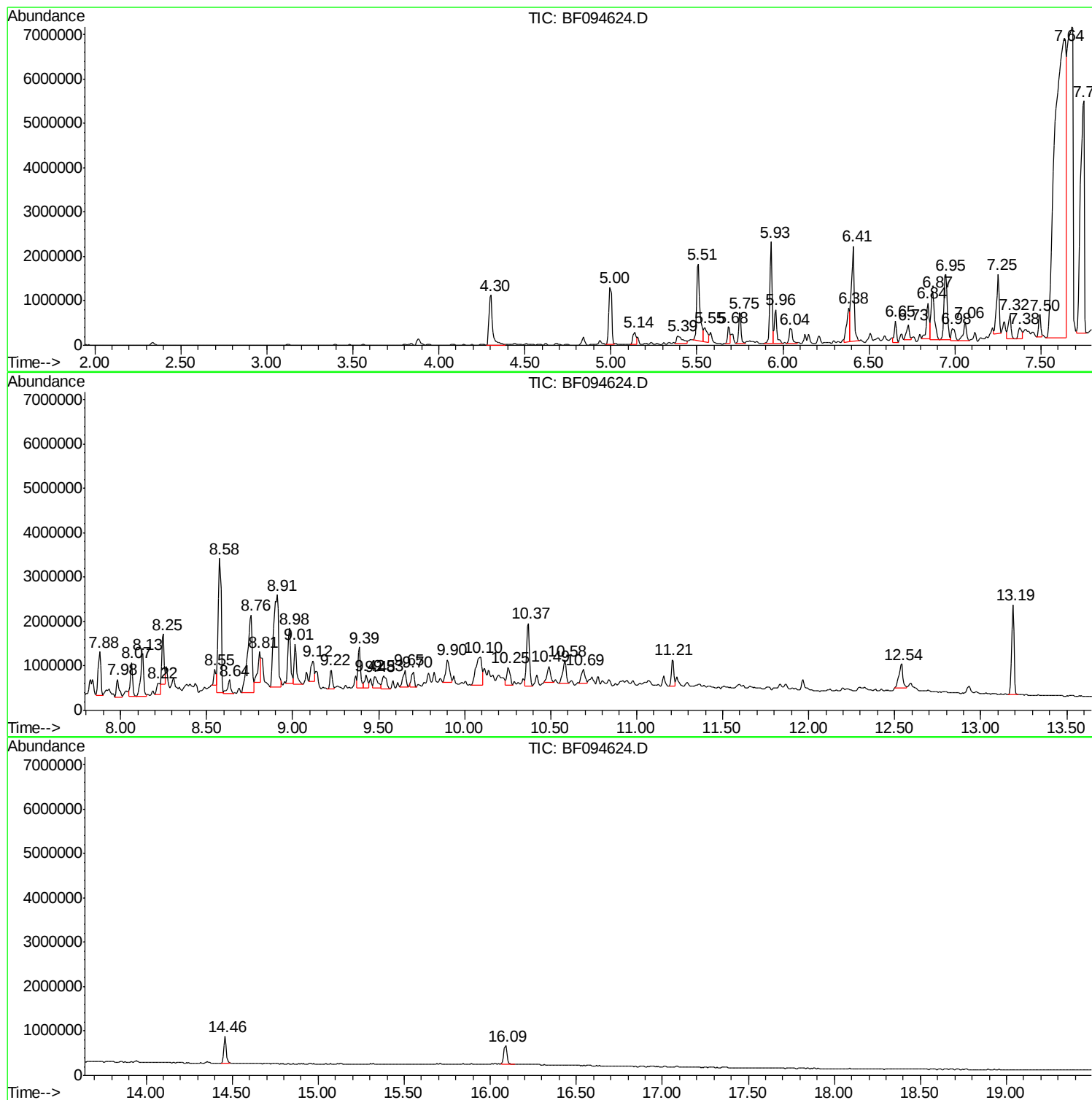
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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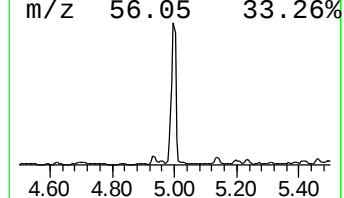
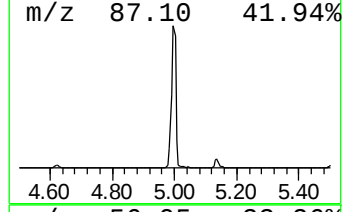
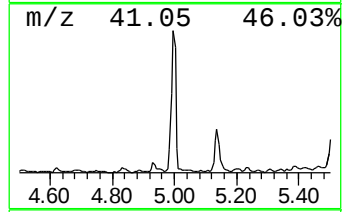
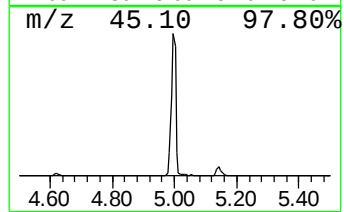
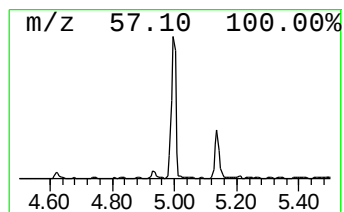
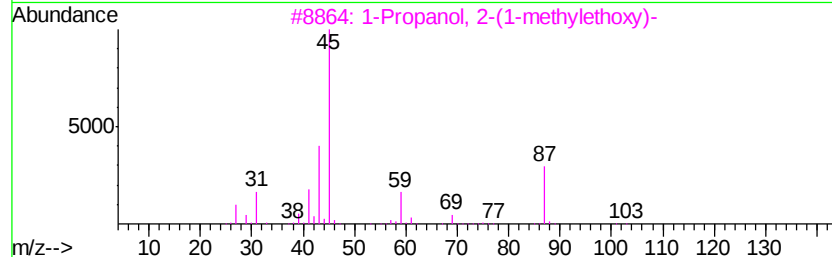
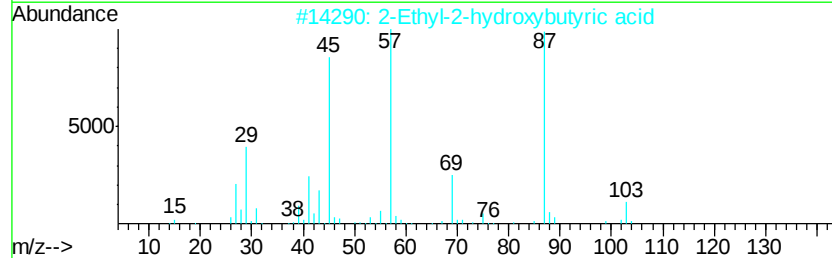
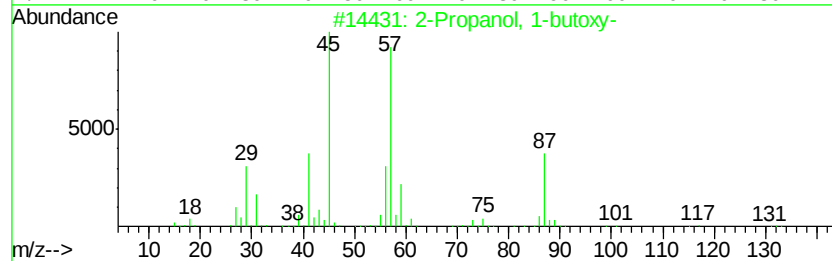
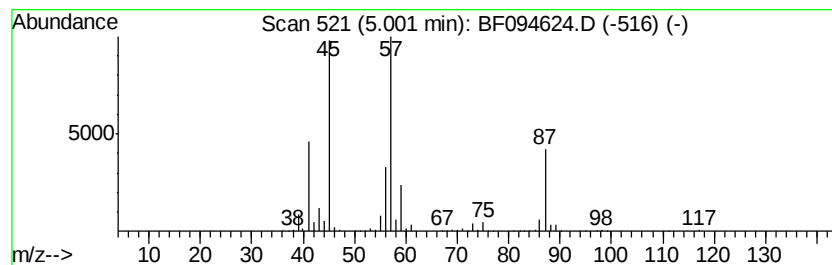
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Propanol, 1-butoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	38.57 ng	1295930	1,4-Dichlorobenzene-d4	5.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2			2-Ethyl-2-hydroxybutyric acid	132	C6H12O3	003639-21-2	53
3			1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	53
4			Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	50
5			2-Butanol	74	C4H10O	000078-92-2	43



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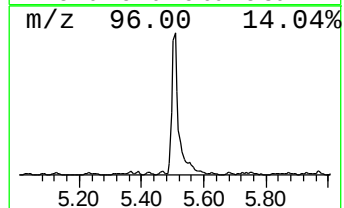
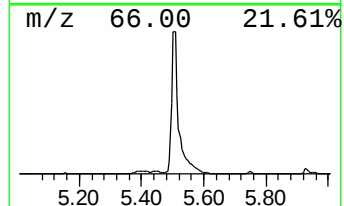
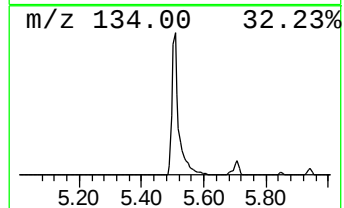
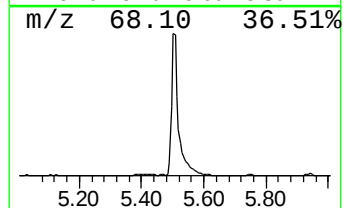
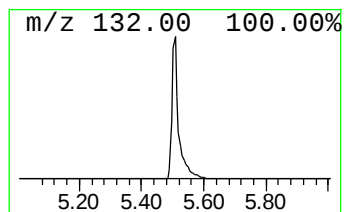
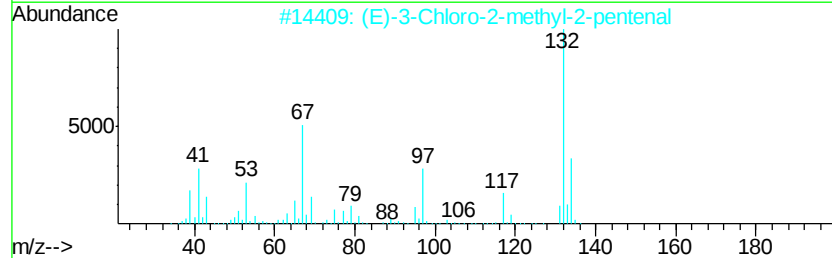
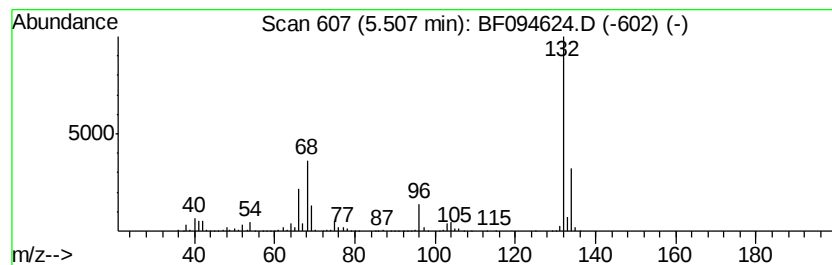
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	71.87 ng	2414580	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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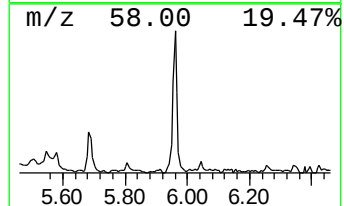
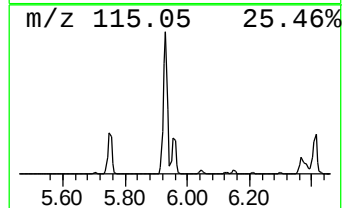
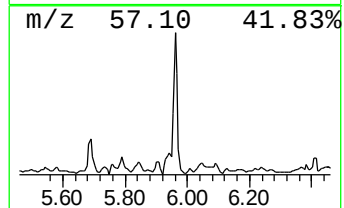
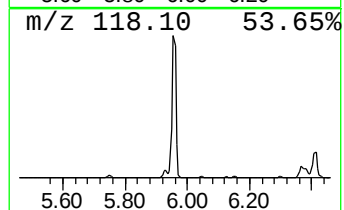
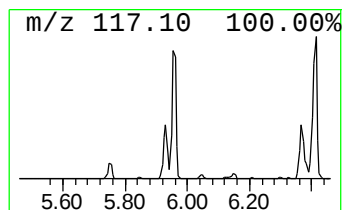
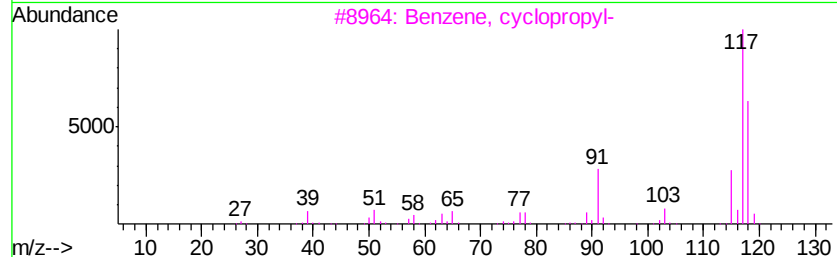
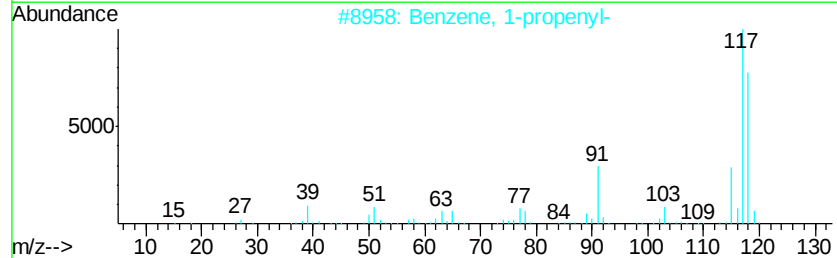
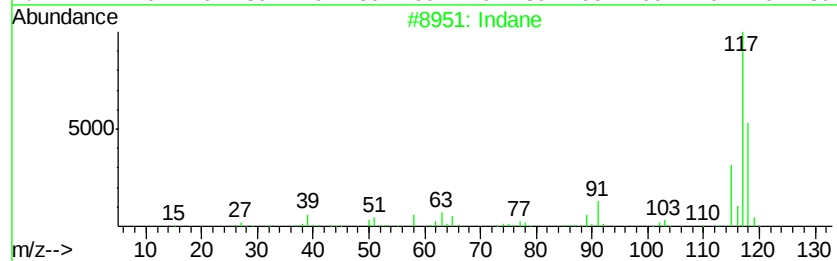
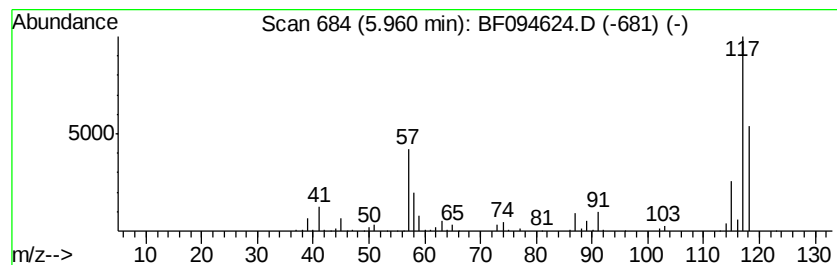
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	23.91 ng	803408	1,4-Dichlorobenzene-d4	5.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	53
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	50
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	38



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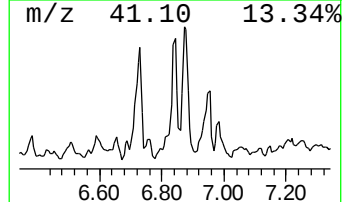
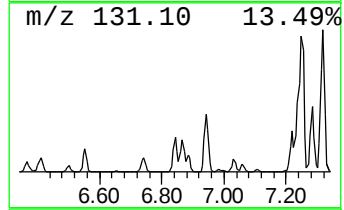
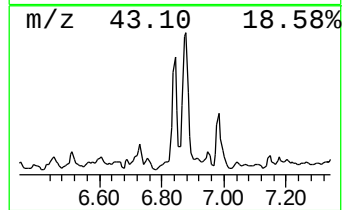
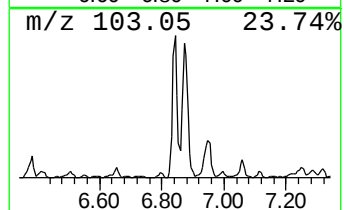
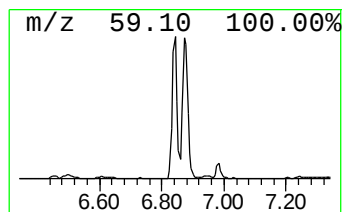
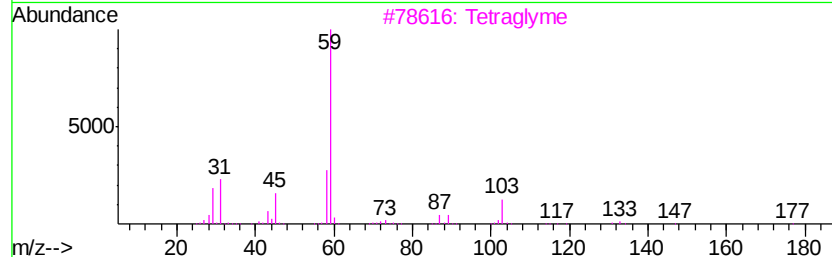
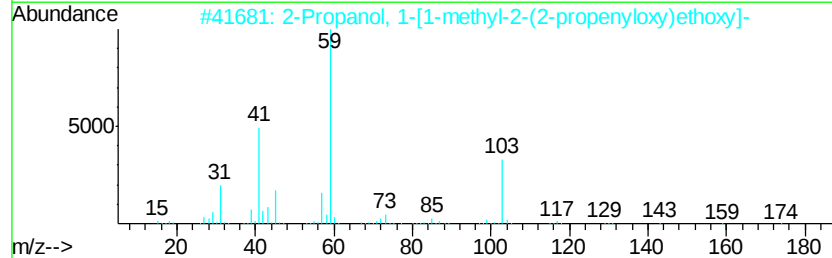
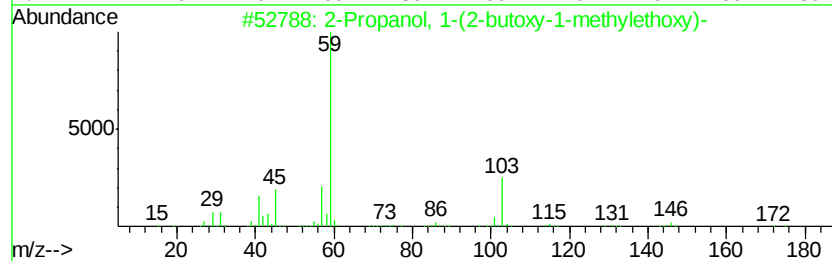
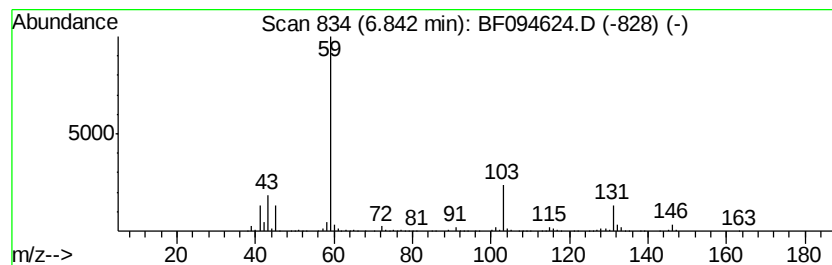
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	14.63 ng	965299	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	64
2		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
3		Tetraglyme	222	C10H22O5	000143-24-8	59
4		1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	59
5		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53



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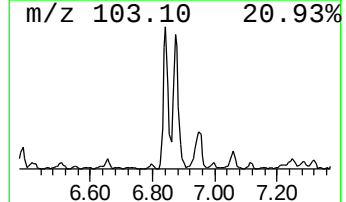
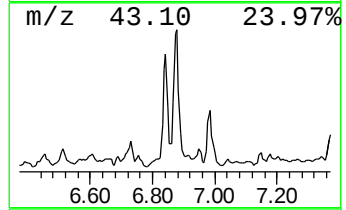
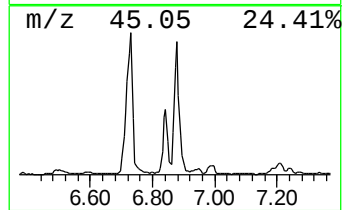
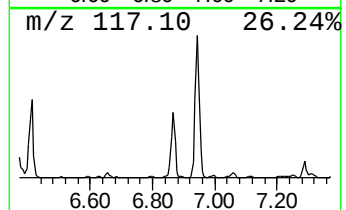
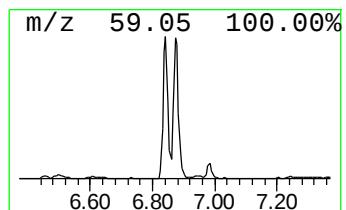
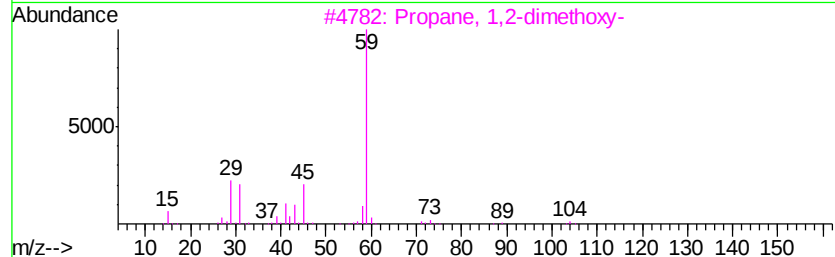
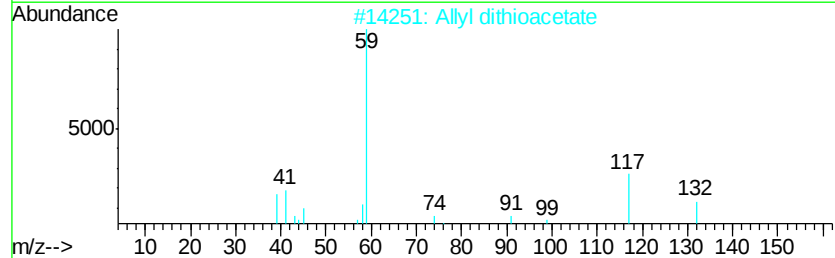
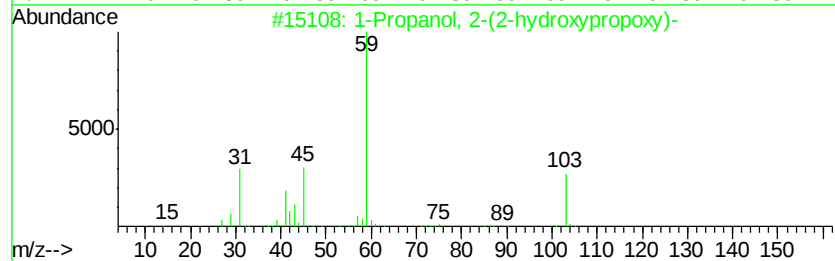
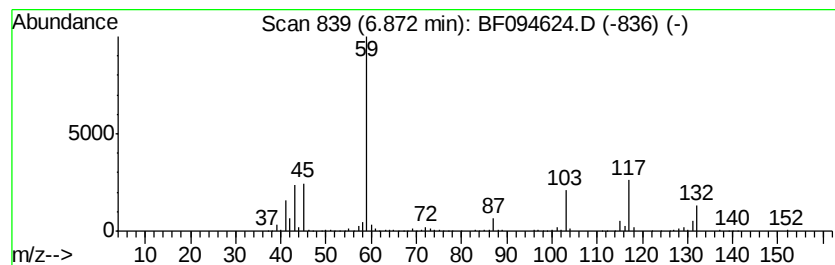
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Propanol, 2-(2-hydroxypro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	23.06 ng	1522170	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
2		Allyl dithioacetate	132	C5H8S2	027249-83-8	50
3		Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	47
4		Tetraglyme	222	C10H22O5	000143-24-8	45
5		2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	42



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB434-GW

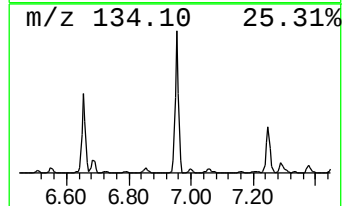
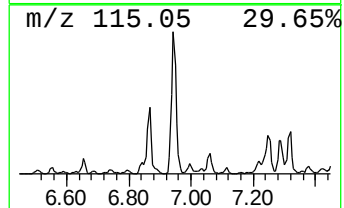
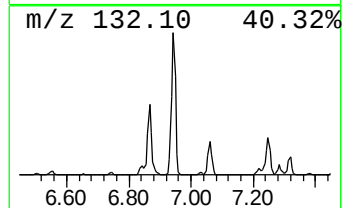
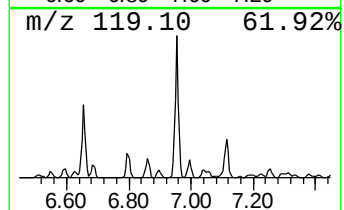
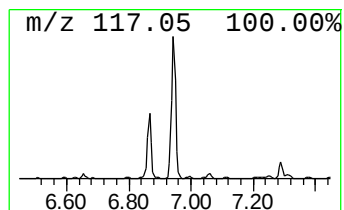
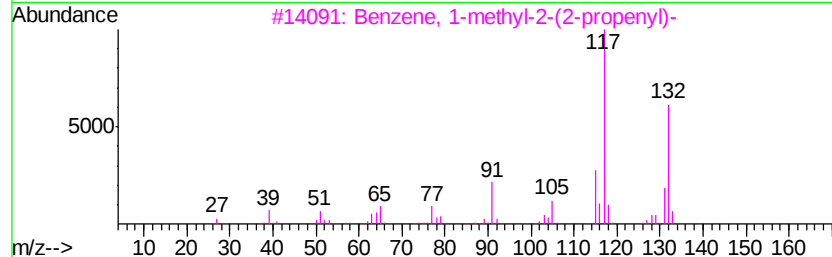
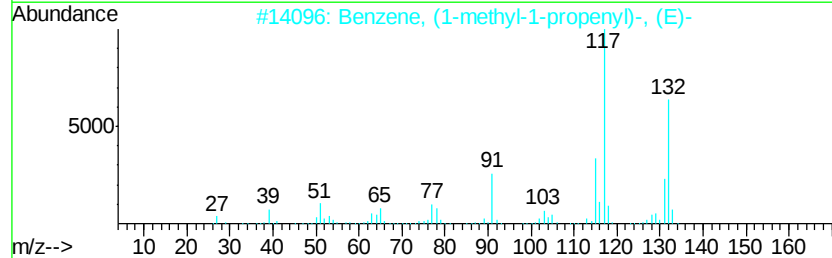
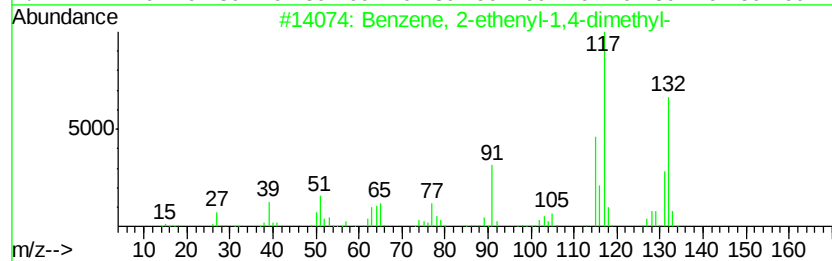
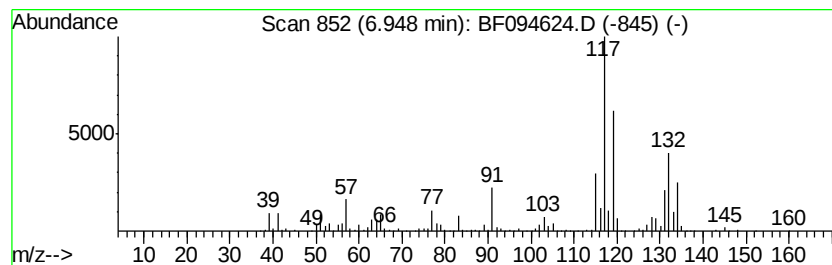
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	31.28 ng	2064540	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	68
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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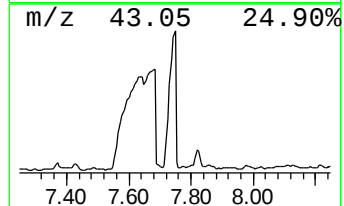
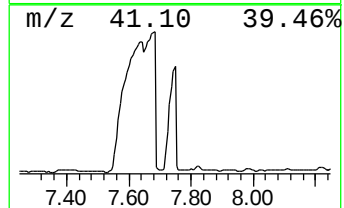
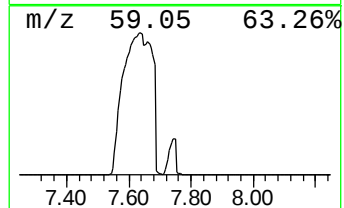
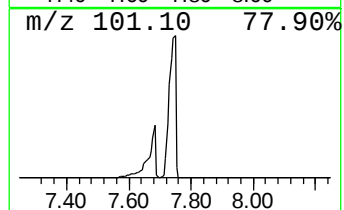
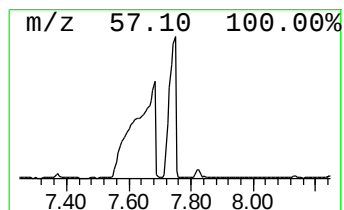
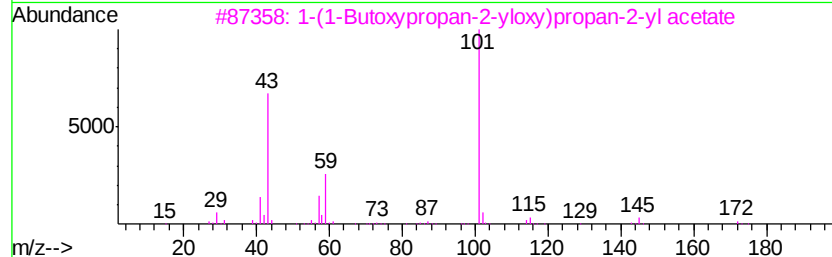
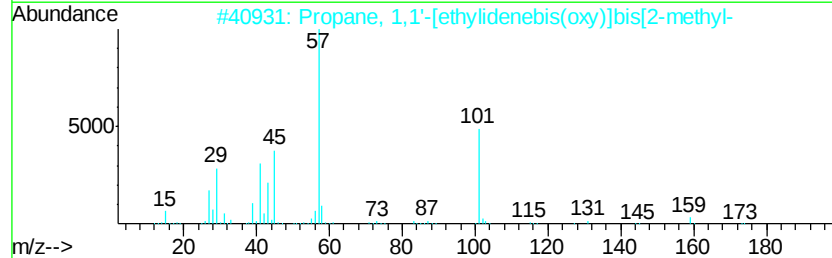
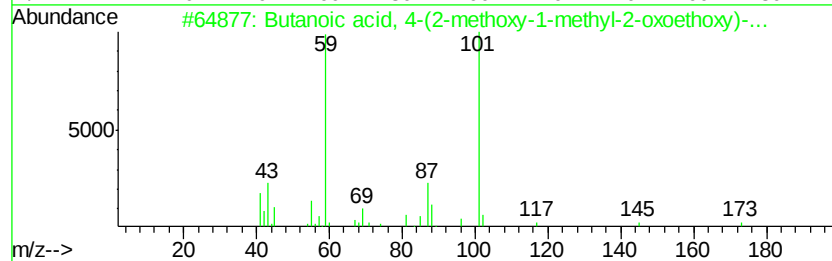
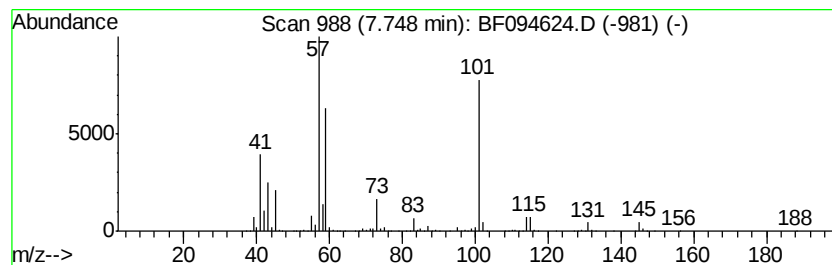
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butanoic acid, 4-(2-methoxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	113.73 ng	7505900	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	50
2		Propane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	005669-09-0	42
3		1-(1-Butoxypropan-2-yloxy)propan...	232	C12H24O4	1000367-08-4	42
4		1,3-Dioxane, 2-ethyl-5-methyl-	130	C7H14O2	020627-54-7	40
5		1,3-Dioxolane, 4,5-dimethyl-2-pe...	312	C20H40O2	056599-61-2	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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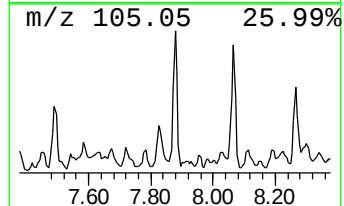
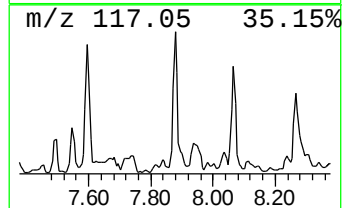
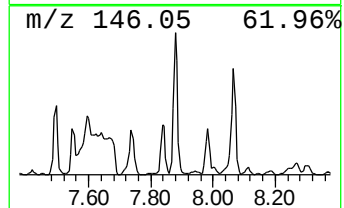
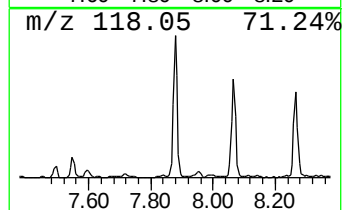
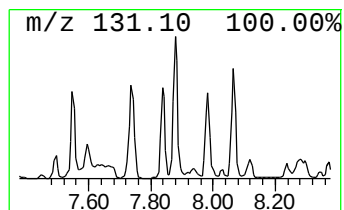
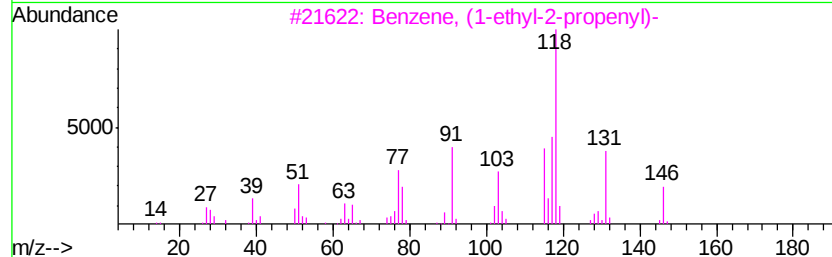
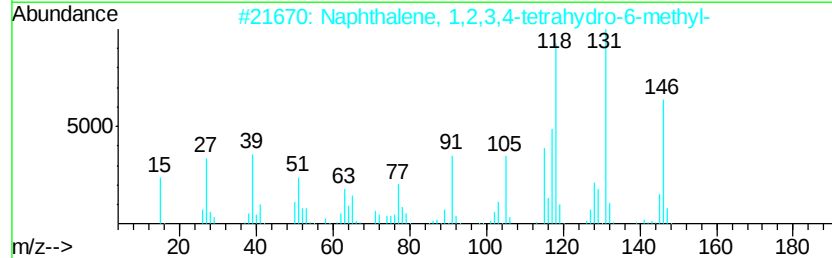
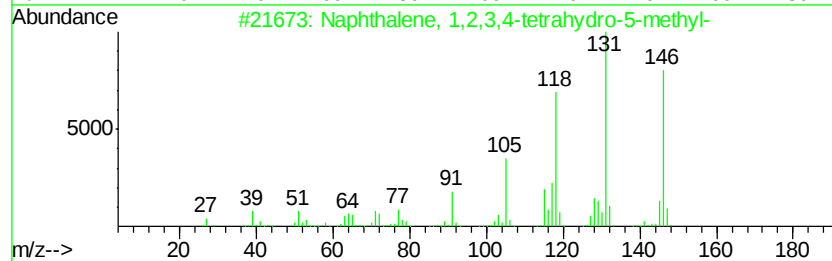
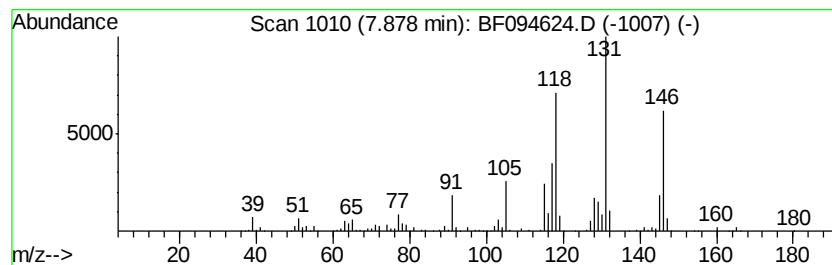
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	13.24 ng	874017	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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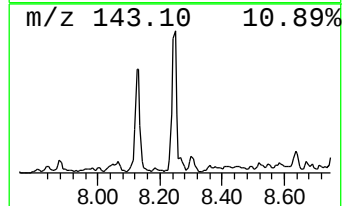
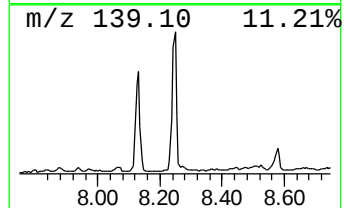
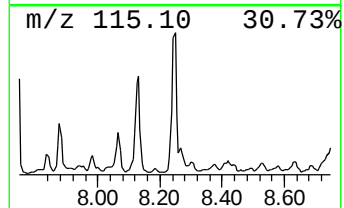
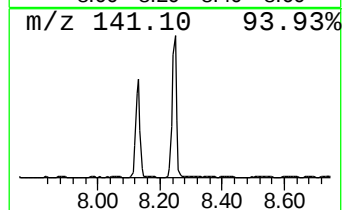
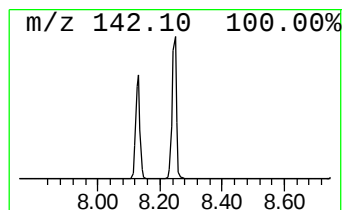
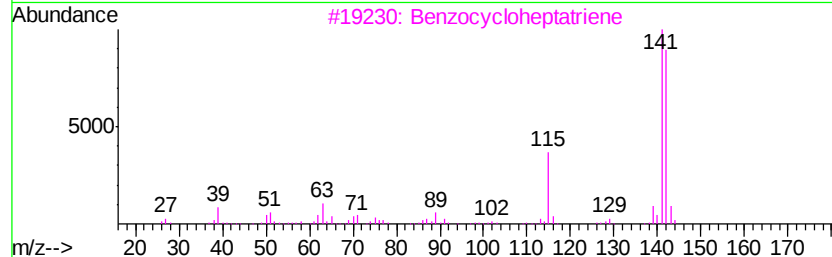
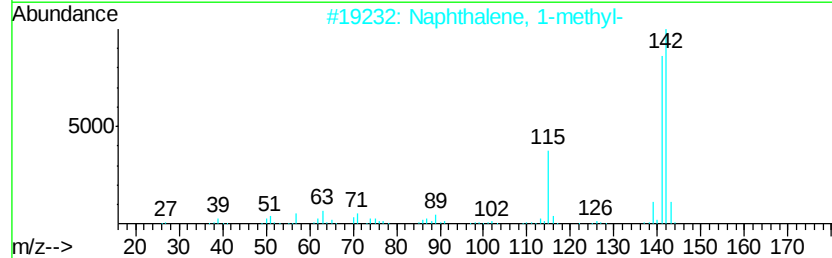
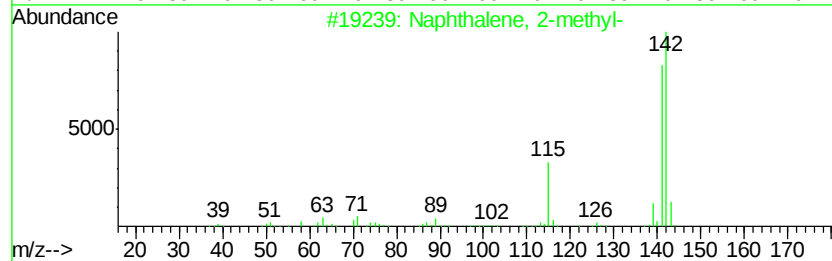
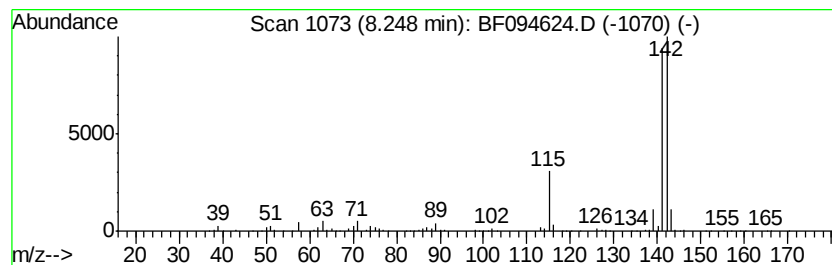
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	17.37 ng	1146250	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
HY-SB434-GW

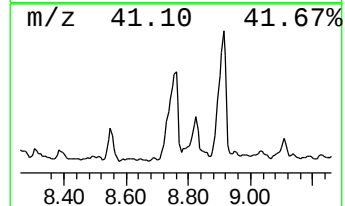
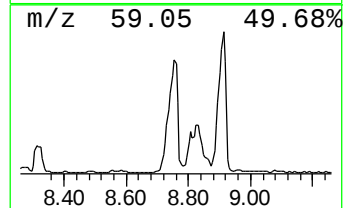
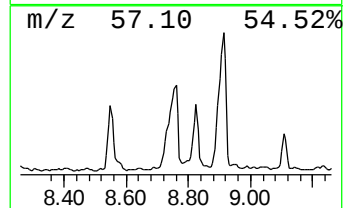
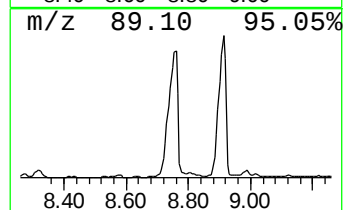
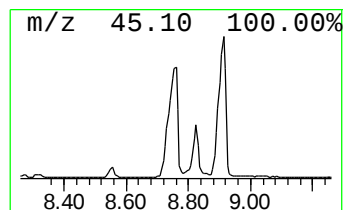
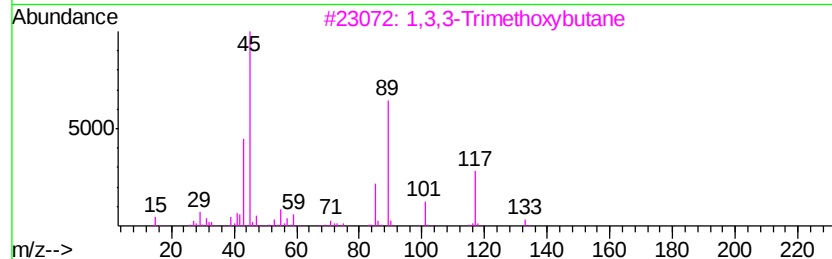
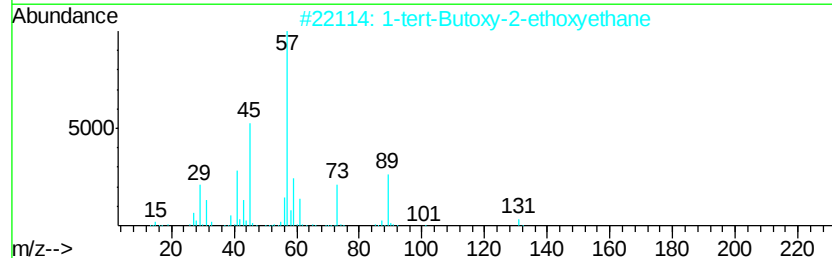
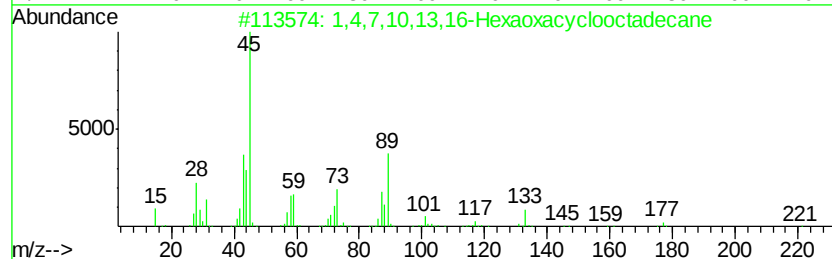
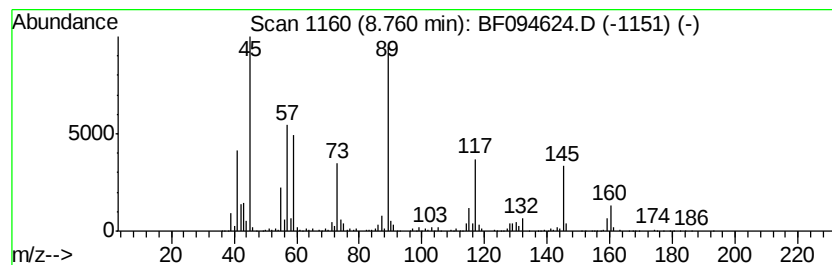
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	68.41 ng	3531700	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	72
2		1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	64
3		1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	50
4		1,3-Dioxolan-4-on-5-acetic acid,...	262	C6H5Cl3O5	1000196-24-3	42
5		Methyl pyruvate dimethyl acetal	148	C6H12O4	010076-48-9	40



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
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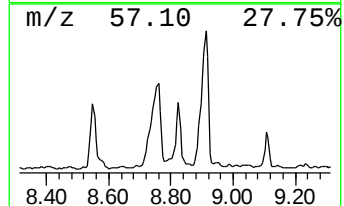
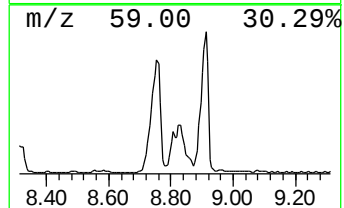
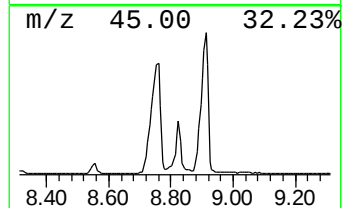
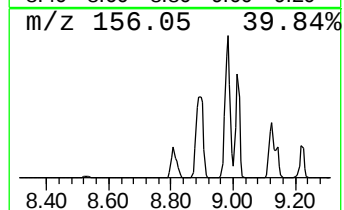
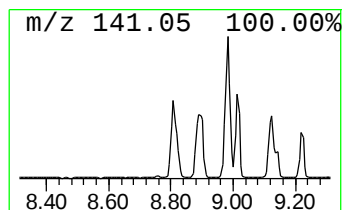
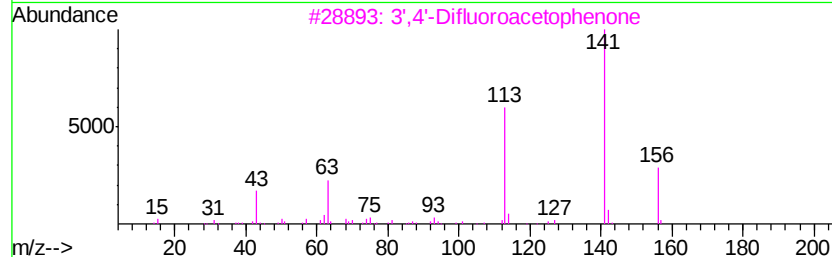
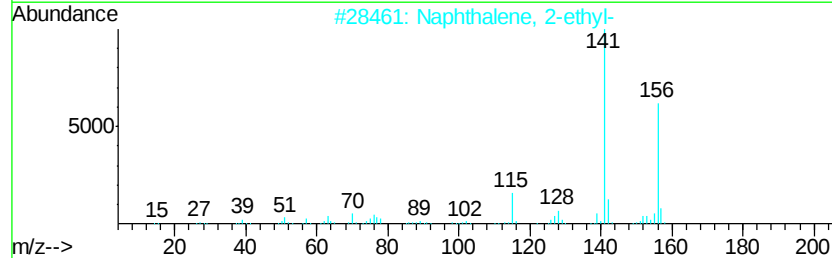
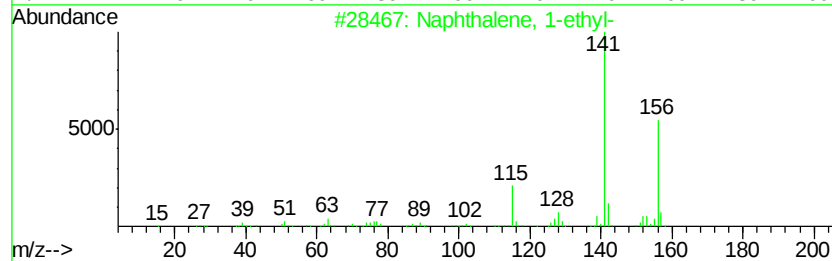
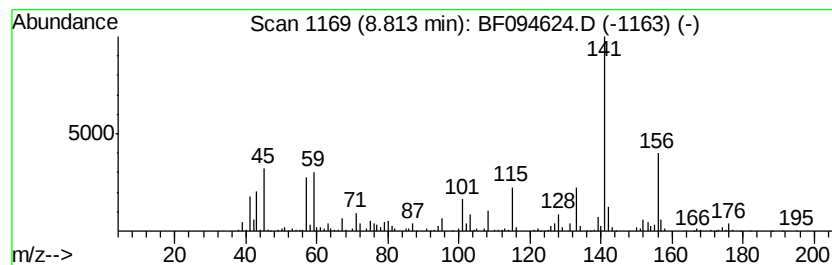
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	14.53 ng	749844	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	43
4		2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	43
5		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

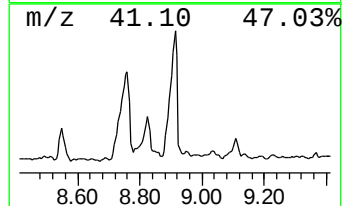
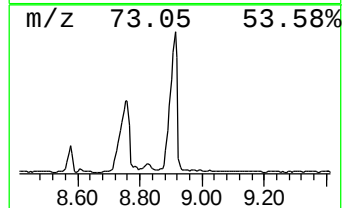
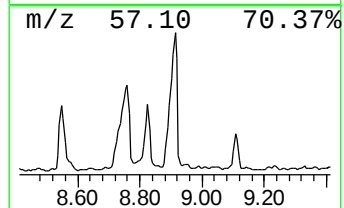
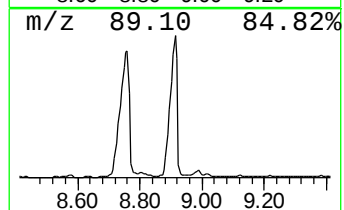
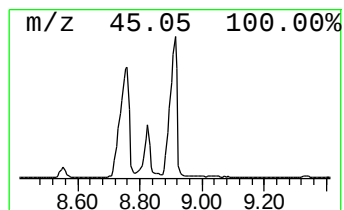
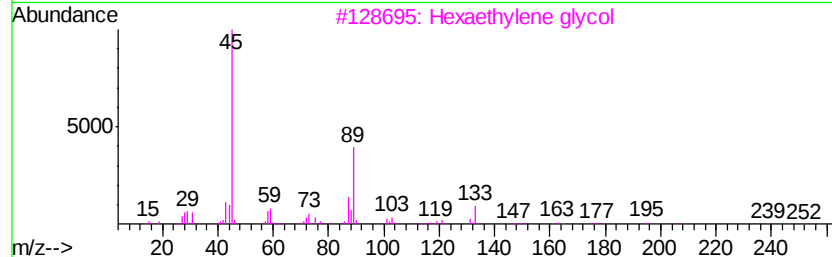
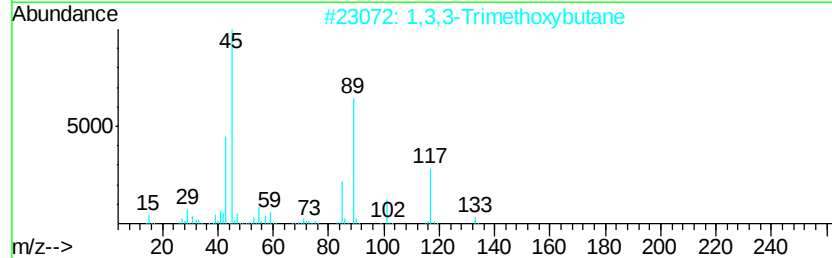
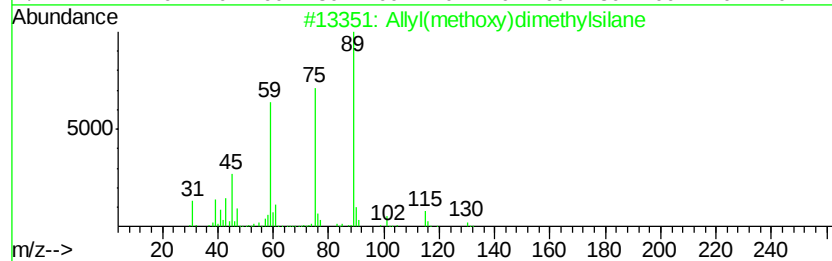
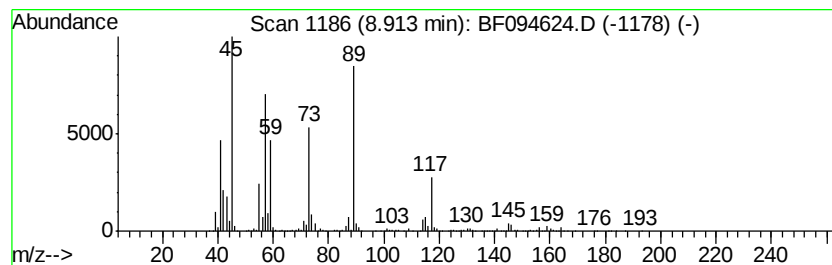
Instrument :
BNA_F
ClientSampleId :
HY-SB434-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Allyl(methoxy)dimethylsilane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	84.42 ng	4358060	Acenaphthene-d10	9.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Allyl(methoxy)dimethylsilane	130 C6H14OSi	030535-30-9 59
2		1,3,3-Trimethoxybutane	148 C7H16O3	006607-66-5 56
3		Hexaethylene glycol	282 C12H26O7	002615-15-8 50
4		Germacyclopent-3-ene,1,1-dimethyl-	158 C6H12Ge	001731-10-8 50
5		10-Oxatetracyclo[5.5.2.0(1,5).0(...	352 C18H24O7	1000154-01-5 42



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB434-GW

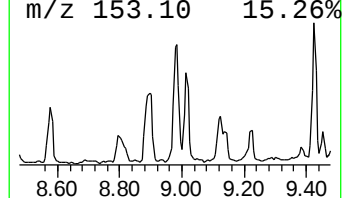
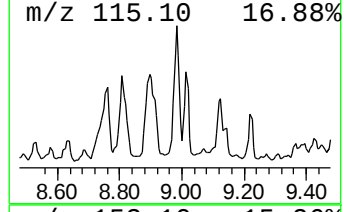
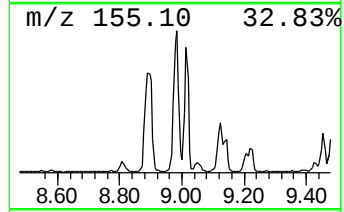
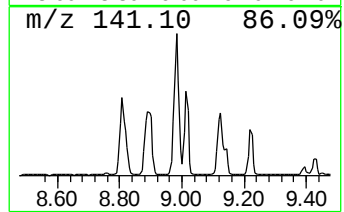
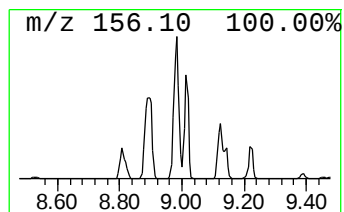
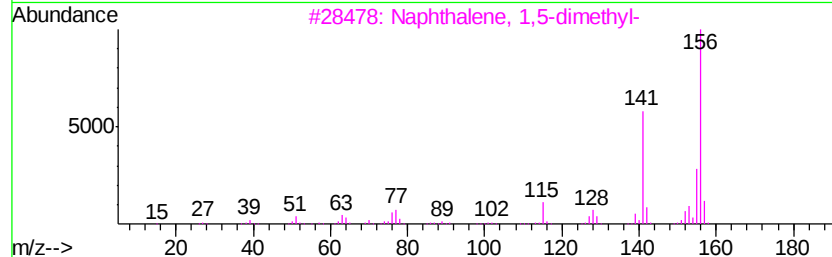
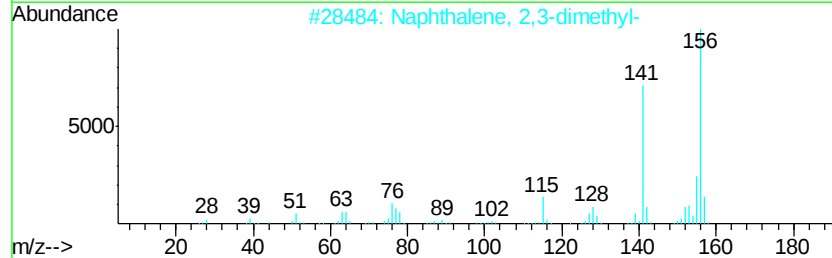
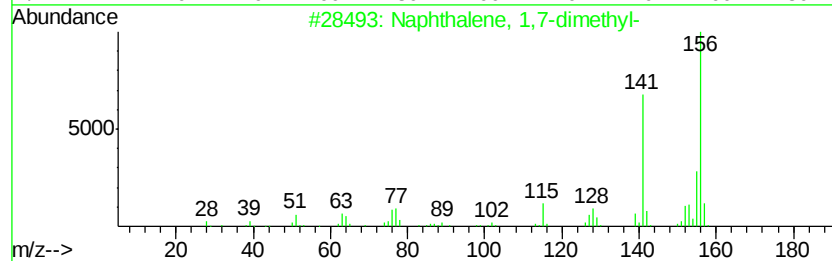
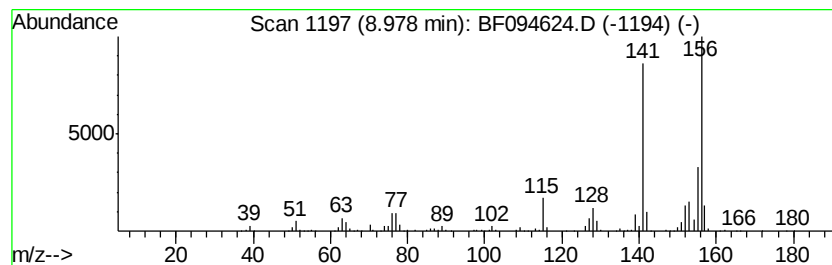
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	28.07 ng	1448920	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB434-GW

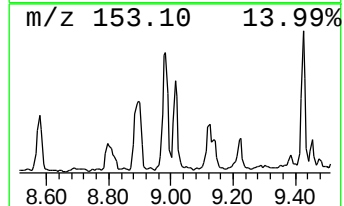
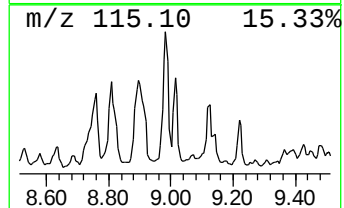
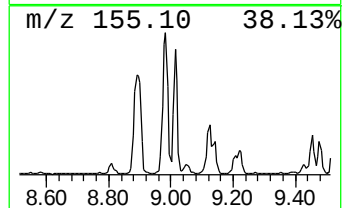
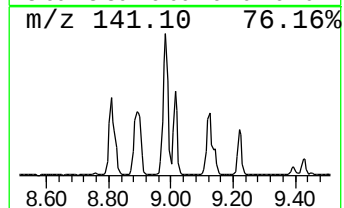
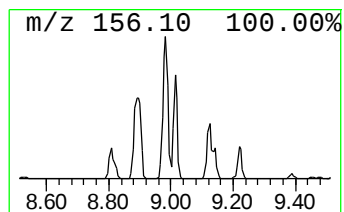
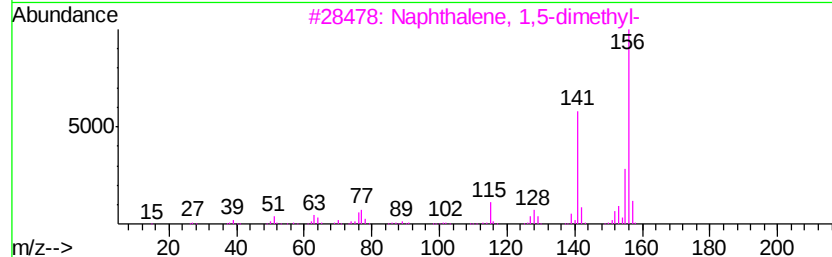
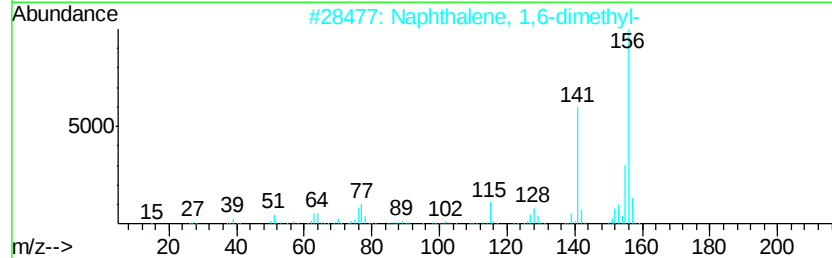
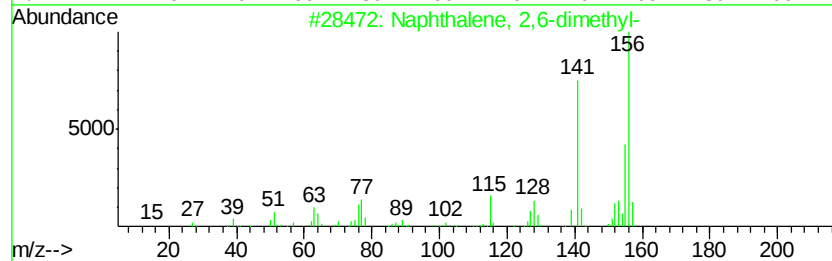
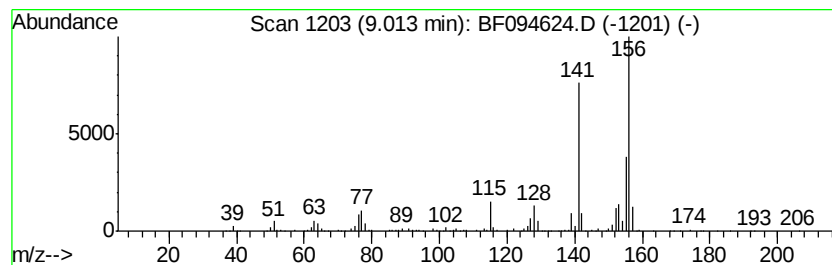
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	19.11 ng	986497	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094624.D
Acq On : 26 Apr 2017 1:06
Operator : SJ/MA
Sample : I2821-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB434-GW

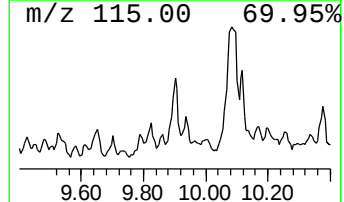
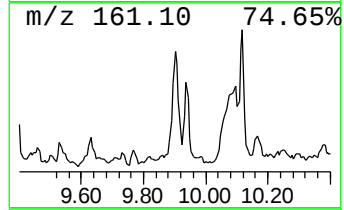
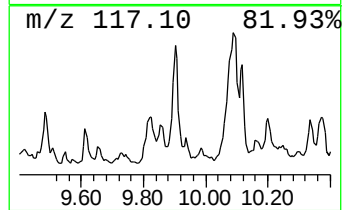
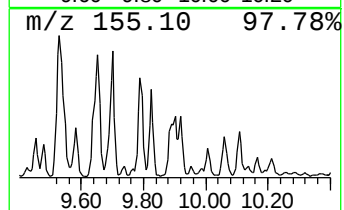
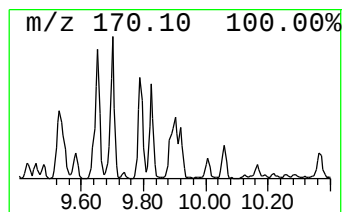
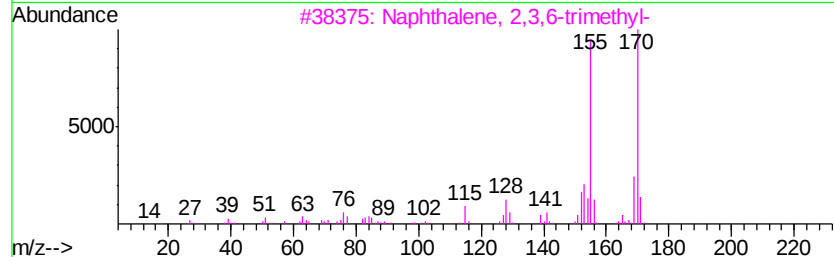
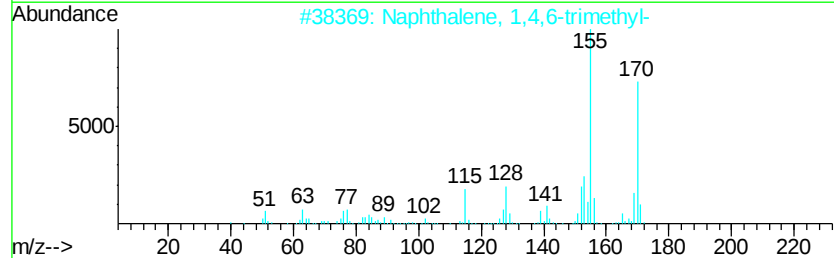
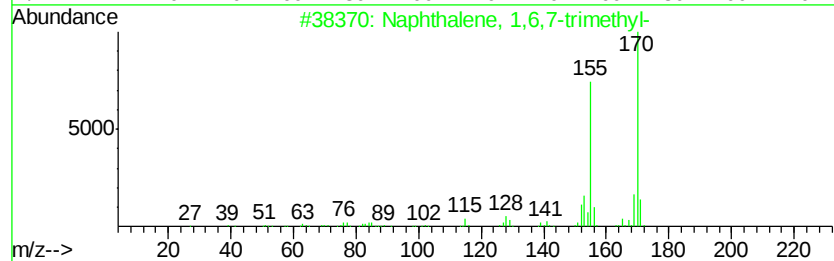
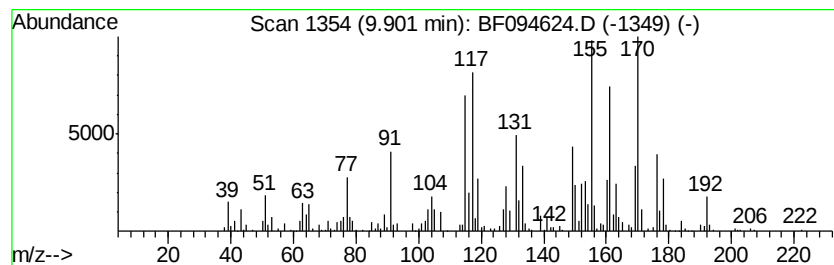
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	14.84 ng	766262	Acenaphthene-d10	9.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	52
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	30



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
 Data File : BF094624.D
 Acq On : 26 Apr 2017 1:06
 Operator : SJ/MA
 Sample : I2821-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanol, 1-but...	5.00	38.6	ng	1295930	1	5.75	671934	20.0
unknown5.51	5.51	71.9	ng	2414580	1	5.75	671934	20.0
Indane	5.96	23.9	ng	803408	1	5.75	671934	20.0
2-Propanol, 1-(2-...	6.84	14.6	ng	965299	2	7.25	1319940	20.0
1-Propanol, 2-(2-...	6.87	23.1	ng	1522170	2	7.25	1319940	20.0
Benzene, 2-etheny...	6.95	31.3	ng	2064540	2	7.25	1319940	20.0
Butanoic acid, 4-...	7.75	113.7	ng	7505900	2	7.25	1319940	20.0
Naphthalene, 1,2,...	7.88	13.2	ng	874017	2	7.25	1319940	20.0
Naphthalene, 2-me...	8.25	17.4	ng	1146250	2	7.25	1319940	20.0
1,4,7,10,13,16-He...	8.76	68.4	ng	3531700	3	9.39	1032440	20.0
Naphthalene, 1-et...	8.81	14.5	ng	749844	3	9.39	1032440	20.0
Allyl(methoxy)dim...	8.91	84.4	ng	4358060	3	9.39	1032440	20.0
Naphthalene, 1,7-...	8.98	28.1	ng	1448920	3	9.39	1032440	20.0
Naphthalene, 2,6-...	9.01	19.1	ng	986497	3	9.39	1032440	20.0
Naphthalene, 1,6,...	9.90	14.8	ng	766262	3	9.39	1032440	20.0