

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
 Data File : BF094176.D
 Acq On : 4 Apr 2017 19:26
 Operator : SJ/MA
 Sample : I2516-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

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-BF032217.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	4.004	356	360	367	rVB	318158	326664	6.37%	0.645%
2	4.269	402	405	409	rVB	250797	229812	4.48%	0.454%
3	4.404	419	428	432	rBV2	2154954	2397468	46.76%	4.737%
4	4.634	464	467	471	rBV	91745	98750	1.93%	0.195%
5	4.792	491	494	497	rBV	61812	67914	1.32%	0.134%
6	4.828	497	500	505	rVB4	41800	51665	1.01%	0.102%
7	5.351	579	589	592	rBV	263713	320103	6.24%	0.632%
8	5.381	592	594	599	rVB2	174160	173939	3.39%	0.344%
9	5.434	599	603	606	rBV	420474	379442	7.40%	0.750%
10	5.475	606	610	615	rVV	1342205	1394310	27.19%	2.755%
11	5.528	615	619	627	rVB	429545	430600	8.40%	0.851%
12	5.622	627	635	638	rBV	3505902	3741841	72.97%	7.393%
13	5.681	642	645	649	rVB	924641	919141	17.93%	1.816%
14	5.875	673	678	681	rBV	1171246	1080371	21.07%	2.135%
15	5.910	681	684	687	rVV3	120029	148680	2.90%	0.294%
16	5.945	687	690	694	rVB	396998	347451	6.78%	0.687%
17	6.057	703	709	711	rBV	3164554	3397107	66.25%	6.712%
18	6.081	711	713	717	rVB	520450	468305	9.13%	0.925%
19	6.169	724	728	731	rBV	174621	174276	3.40%	0.344%
20	6.198	731	733	738	rVB	111376	110890	2.16%	0.219%
21	6.251	738	742	751	rBV2	244610	355162	6.93%	0.702%
22	6.339	752	757	760	rBV	120254	140850	2.75%	0.278%
23	6.398	764	767	769	rVV	56625	53513	1.04%	0.106%
24	6.422	769	771	774	rVV	114194	101215	1.97%	0.200%
25	6.451	774	776	778	rVV	57431	59829	1.17%	0.118%
26	6.528	781	789	795	rVB2	2529899	3559120	69.41%	7.032%
27	6.628	803	806	810	rBV4	50924	65861	1.28%	0.130%
28	6.675	810	814	819	rVB4	75697	105524	2.06%	0.208%
29	6.781	825	832	835	rBV	309070	382154	7.45%	0.755%
30	6.810	835	837	840	rBV	233568	233541	4.55%	0.461%
31	6.922	853	856	858	rBV2	47103	57738	1.13%	0.114%
32	6.951	858	861	863	rVV2	96174	102597	2.00%	0.203%
33	6.992	863	868	876	rVB2	290064	427254	8.33%	0.844%
34	7.075	876	882	887	rBV2	708092	970766	18.93%	1.918%

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35	7.122	887	890	895	rBV3	72023	120525	2.35%	0.238%
36	7.186	897	901	904	rVV4	106825	151226	2.95%	0.299%
37	7.245	908	911	914	rVB2	75524	85317	1.66%	0.169%
38	7.310	915	922	925	rBV3	186763	224326	4.37%	0.443%
39	7.380	929	934	937	rVV	1552163	1605810	31.32%	3.173%
40	7.410	937	939	942	rVV2	157204	199899	3.90%	0.395%
41	7.445	942	945	949	rVB	152132	169862	3.31%	0.336%
42	7.645	976	979	982	rBV5	54710	62300	1.21%	0.123%
43	7.680	982	985	987	rVV2	58743	68297	1.33%	0.135%
44	7.710	987	990	992	rVV2	135235	206336	4.02%	0.408%
45	7.728	992	993	997	rVB	171051	121143	2.36%	0.239%
46	7.857	1009	1015	1020	rBV3	143124	247466	4.83%	0.489%
47	7.957	1029	1032	1036	rVB3	134615	165946	3.24%	0.328%
48	8.098	1050	1056	1063	rVB5	131649	276929	5.40%	0.547%
49	8.186	1063	1071	1075	rBV7	153539	291825	5.69%	0.577%
50	8.233	1076	1079	1083	rBV4	66651	118331	2.31%	0.234%
51	8.280	1083	1087	1090	rVB	438611	450530	8.79%	0.890%
52	8.322	1090	1094	1096	rBV5	52814	63233	1.23%	0.125%
53	8.369	1096	1102	1105	rBV	898228	894779	17.45%	1.768%
54	8.439	1108	1114	1116	rBV3	179765	278432	5.43%	0.550%
55	8.498	1122	1124	1127	rVB2	108289	90888	1.77%	0.180%
56	8.539	1128	1131	1134	rBV2	172395	179501	3.50%	0.355%
57	8.575	1134	1137	1139	rBV3	77998	90355	1.76%	0.179%
58	8.604	1139	1142	1145	rVB	159942	171724	3.35%	0.339%
59	8.704	1153	1159	1162	rVB	4251703	5127694	100.00%	10.132%
60	8.798	1172	1175	1176	rBV3	134143	123982	2.42%	0.245%
61	8.845	1180	1183	1188	rVV3	110252	148687	2.90%	0.294%
62	8.892	1188	1191	1194	rVV	205277	205251	4.00%	0.406%
63	8.992	1200	1208	1210	rBV2	627163	842977	16.44%	1.666%
64	9.016	1210	1212	1214	rVV	182628	152716	2.98%	0.302%
65	9.063	1214	1220	1224	rVV6	111041	261459	5.10%	0.517%
66	9.116	1224	1229	1231	rVV2	250236	381781	7.45%	0.754%
67	9.169	1231	1238	1242	rVV2	591232	1131524	22.07%	2.236%
68	9.216	1244	1246	1248	rVV2	143078	170203	3.32%	0.336%
69	9.263	1252	1254	1259	rVB3	110901	160212	3.12%	0.317%
70	9.363	1267	1271	1273	rBV4	139030	158733	3.10%	0.314%
71	9.474	1286	1290	1292	rBV4	165974	186816	3.64%	0.369%

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72	9.522	1294	1298	1303	rVB2	1486048	1507068	29.39%	2.978%
73	9.616	1310	1314	1315	rBV3	78722	105511	2.06%	0.208%
74	9.639	1315	1318	1321	rVB3	138119	146574	2.86%	0.290%
75	9.733	1331	1334	1339	rVB5	61341	105110	2.05%	0.208%
76	9.992	1376	1378	1381	rVB3	115826	107294	2.09%	0.212%
77	10.063	1386	1390	1394	rBV5	75702	128861	2.51%	0.255%
78	10.239	1417	1420	1424	rVB5	64155	76919	1.50%	0.152%
79	10.316	1430	1433	1435	rBV4	55170	55123	1.08%	0.109%
80	10.498	1458	1464	1468	rVB	2461525	2889643	56.35%	5.709%
81	10.645	1486	1489	1493	rVB	83759	82815	1.62%	0.164%
82	11.345	1604	1608	1612	rVB	1443168	1407803	27.45%	2.782%
83	13.327	1940	1945	1949	rBV	3251886	3968513	77.39%	7.841%
84	14.598	2157	2161	2165	rBV	946625	975500	19.02%	1.927%
85	16.233	2435	2439	2446	rVB	676099	793589	15.48%	1.568%

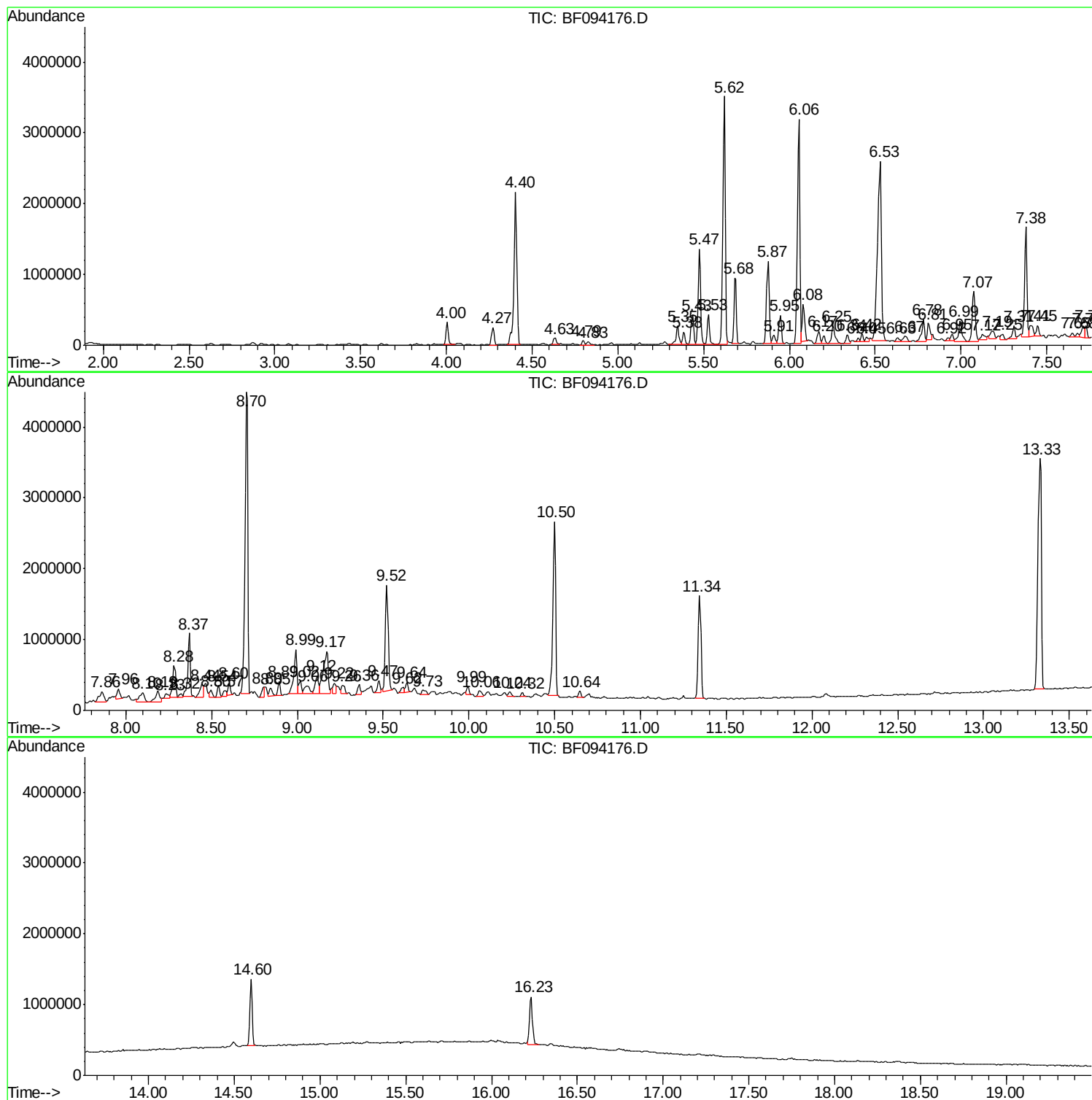
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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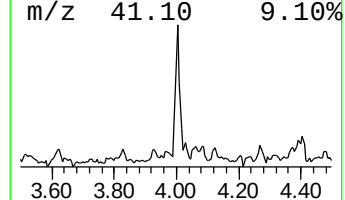
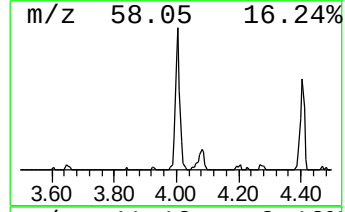
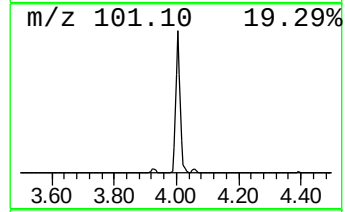
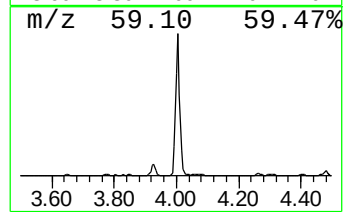
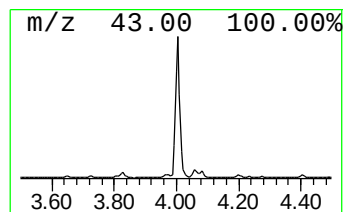
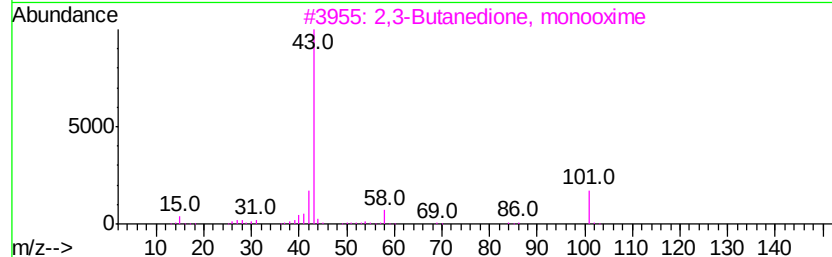
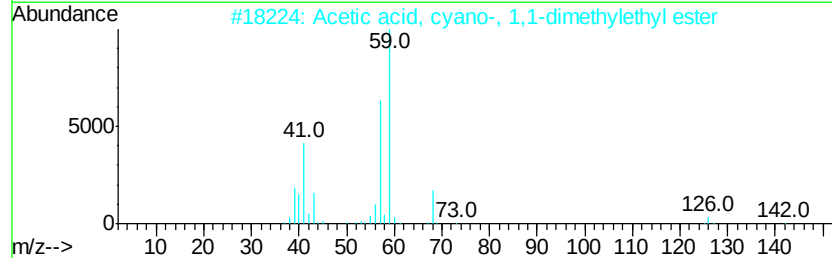
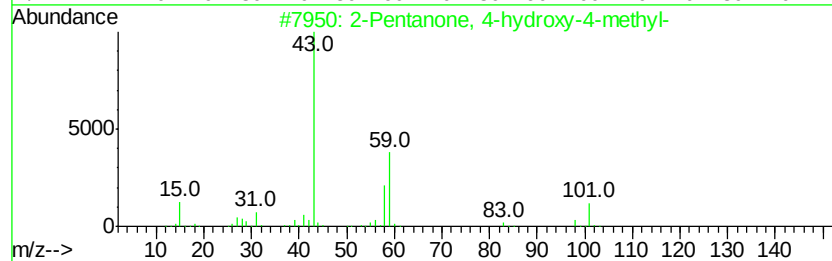
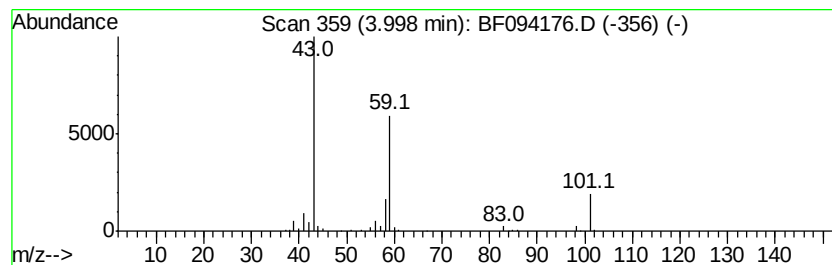
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	6.05 ng	326664	1,4-Dichlorobenzene-d4	5.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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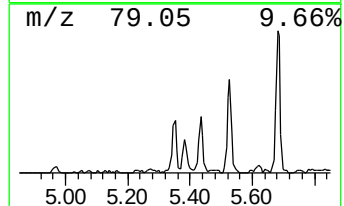
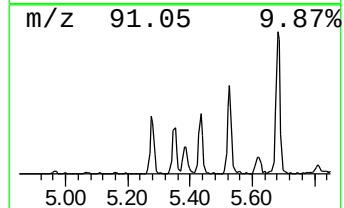
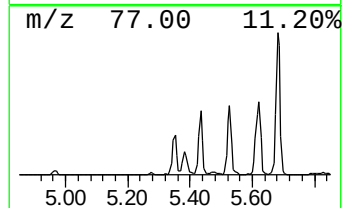
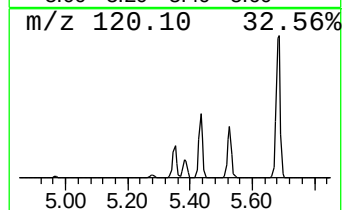
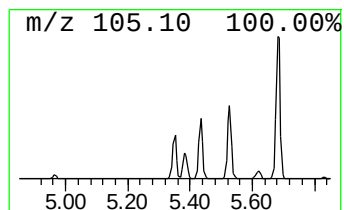
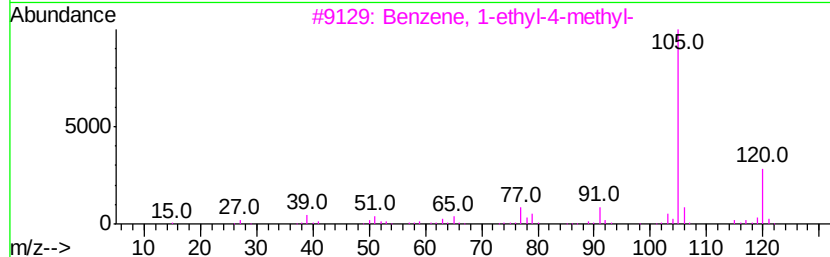
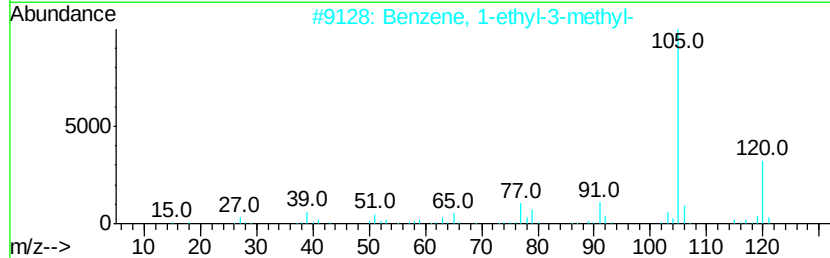
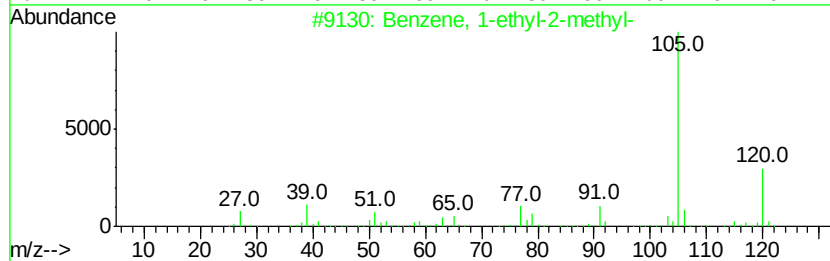
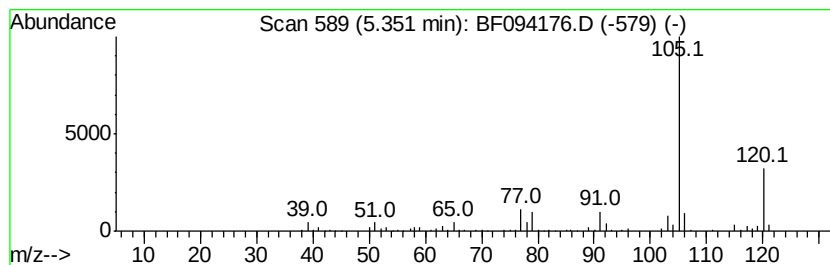
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	5.93 ng	320103	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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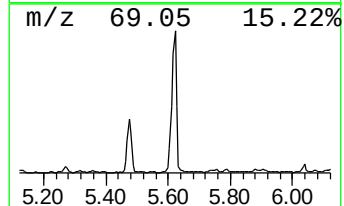
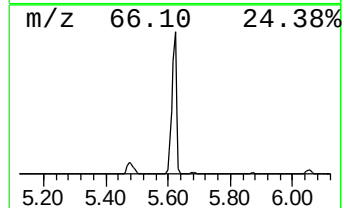
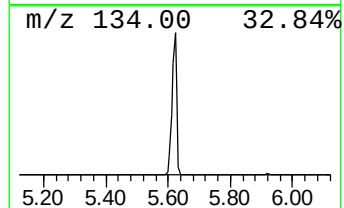
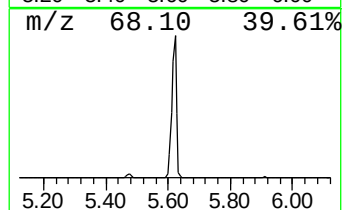
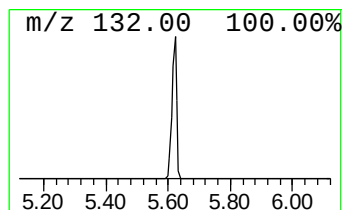
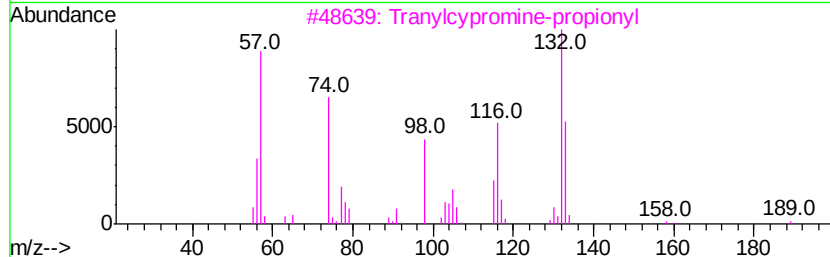
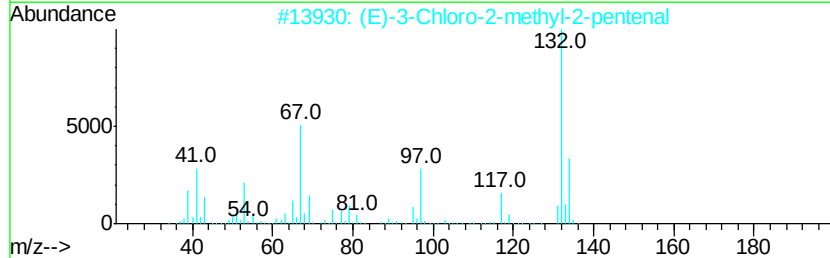
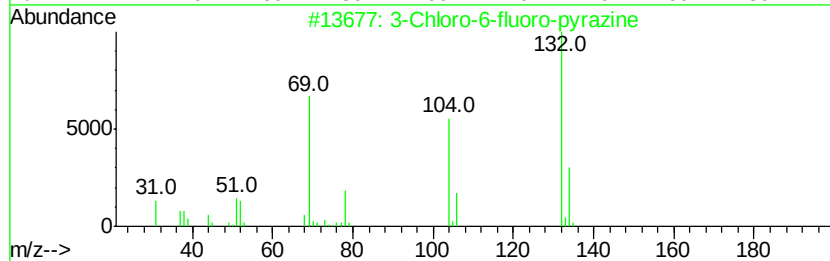
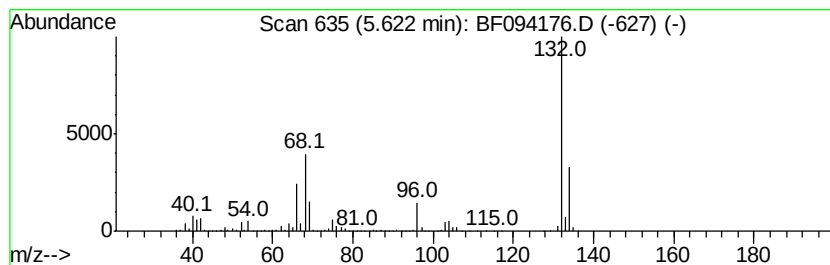
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown5.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	69.27 ng	3741840	1,4-Dichlorobenzene-d4	5.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	17
3	Tranvlcypropine-propionyl			189	C12H15NO	1000123-86-3	10
4	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	10
5	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9



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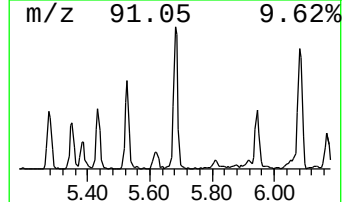
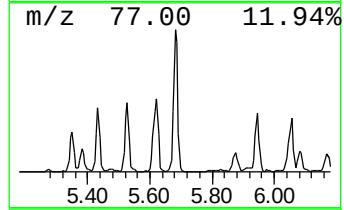
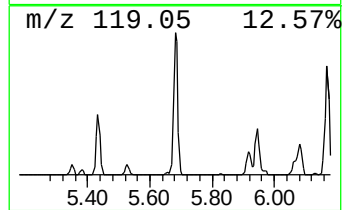
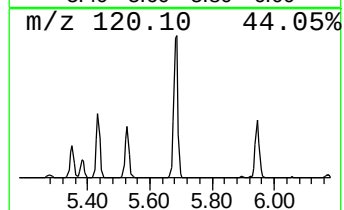
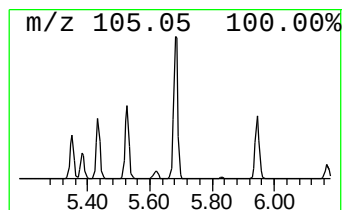
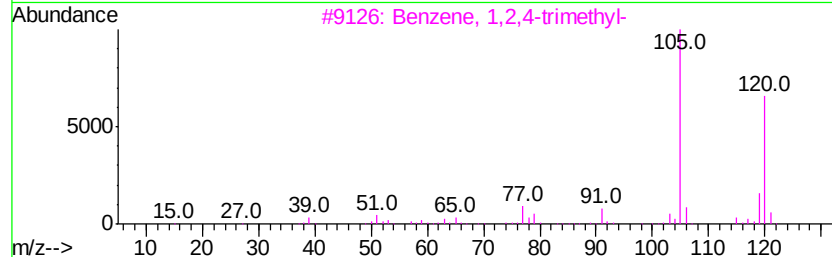
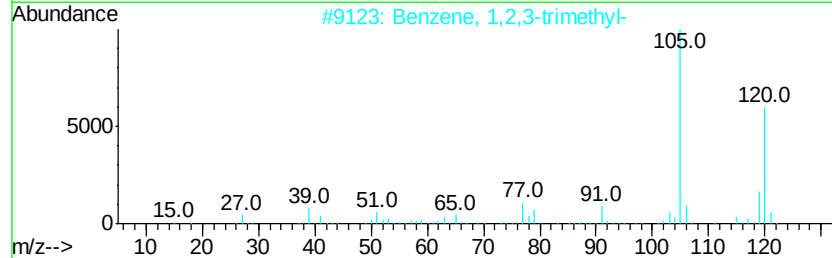
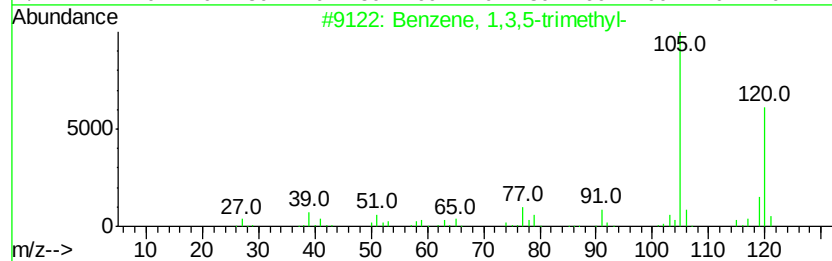
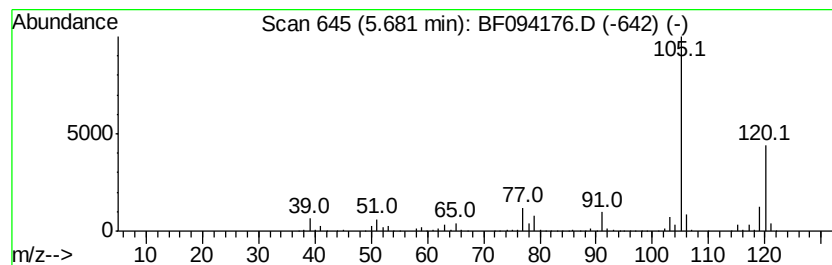
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	17.02 ng	919141	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094176.D
Acq On : 4 Apr 2017 19:26
Operator : SJ/MA
Sample : I2516-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

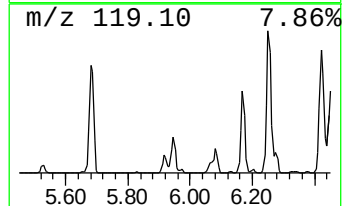
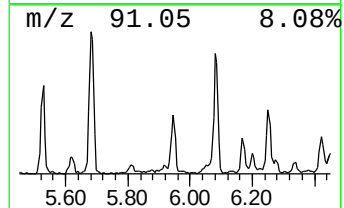
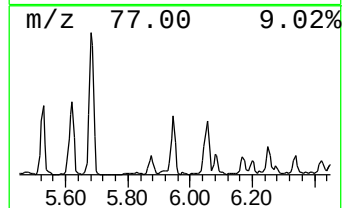
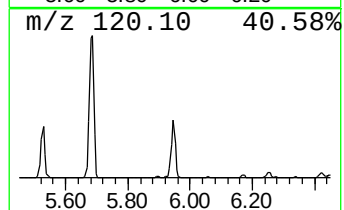
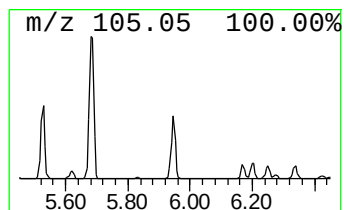
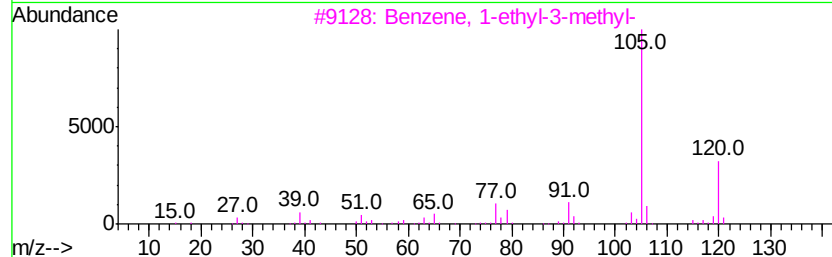
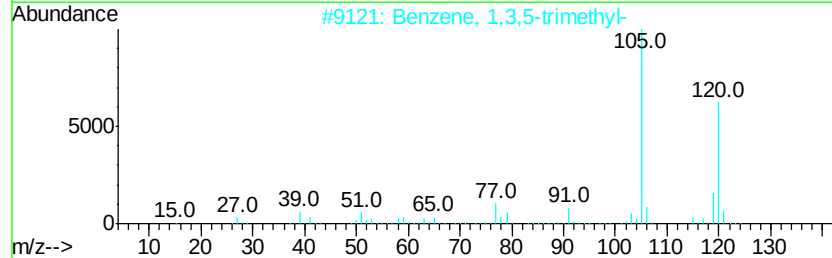
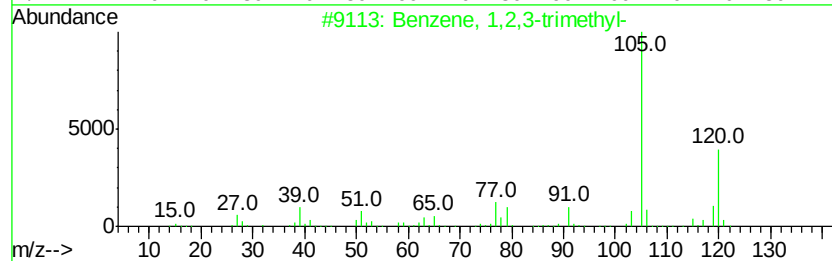
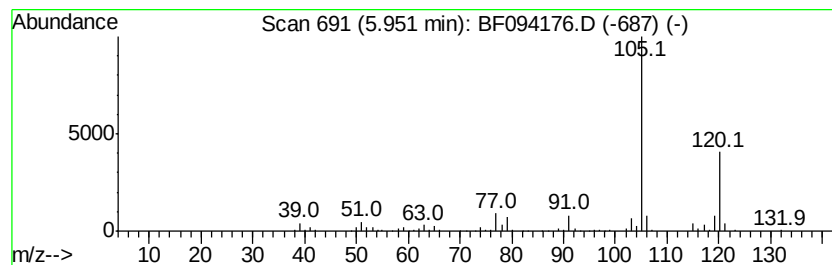
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	6.43 ng	347451	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094176.D
Acq On : 4 Apr 2017 19:26
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Misc :
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Instrument :
BNA_F
ClientSampleId :
MW-11

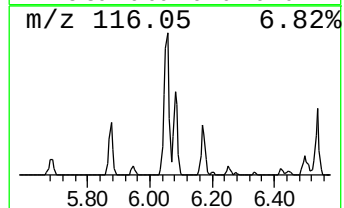
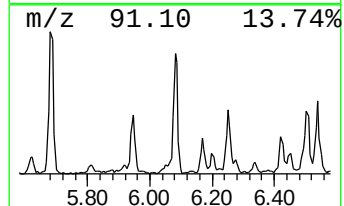
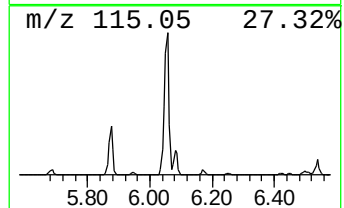
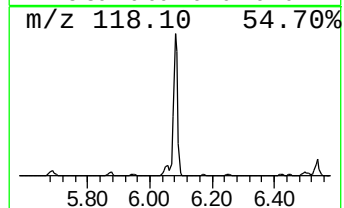
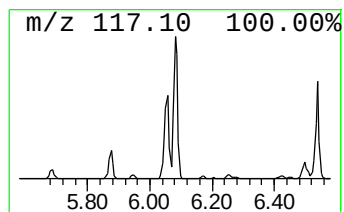
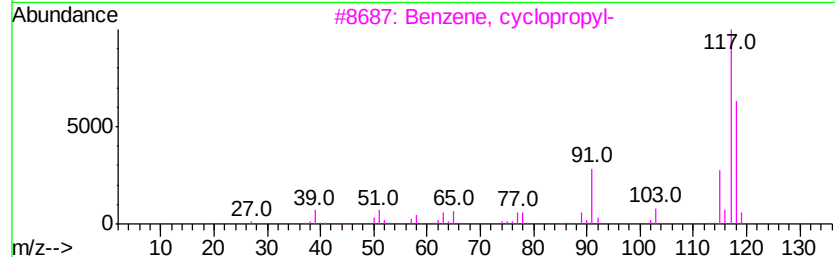
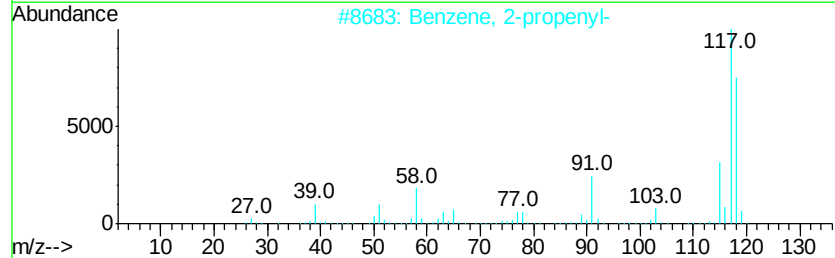
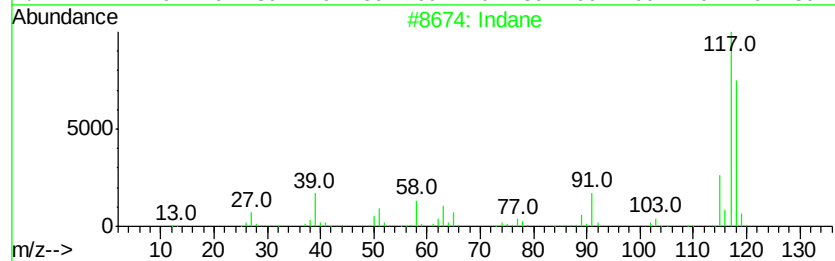
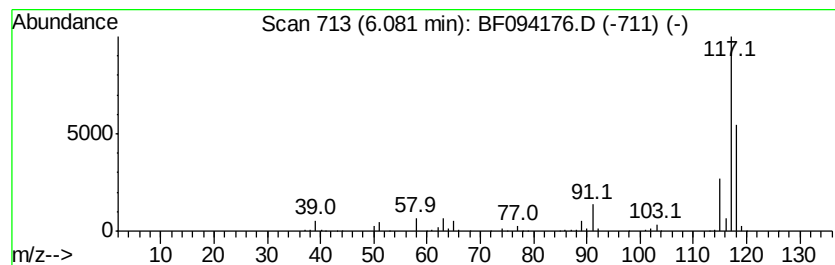
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	8.67 ng	468305	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53



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Acq On : 4 Apr 2017 19:26
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Sample : I2516-04
Misc :
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ClientSampleId :
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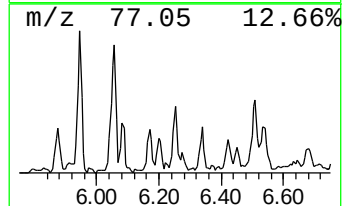
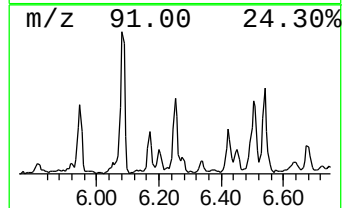
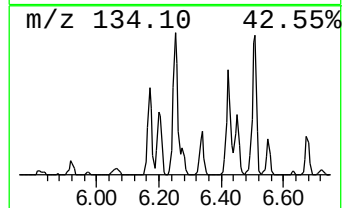
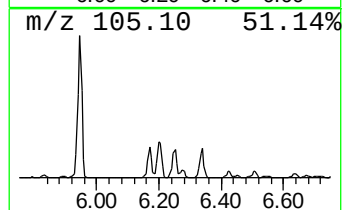
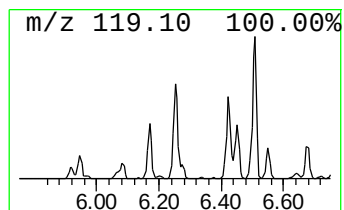
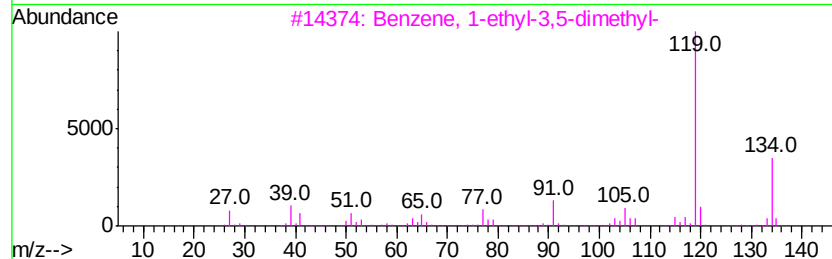
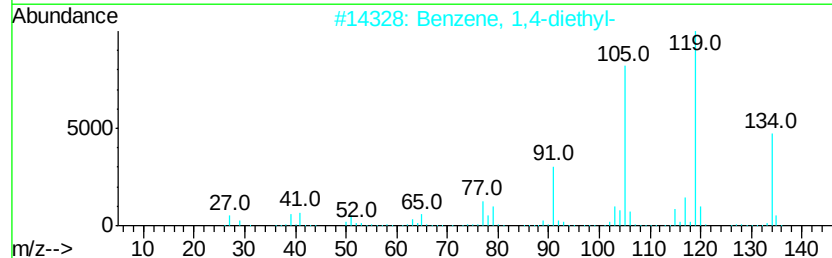
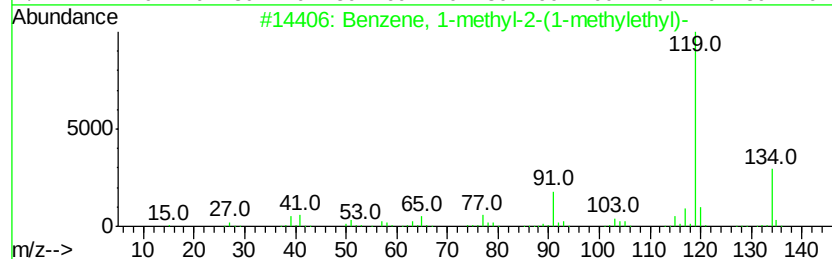
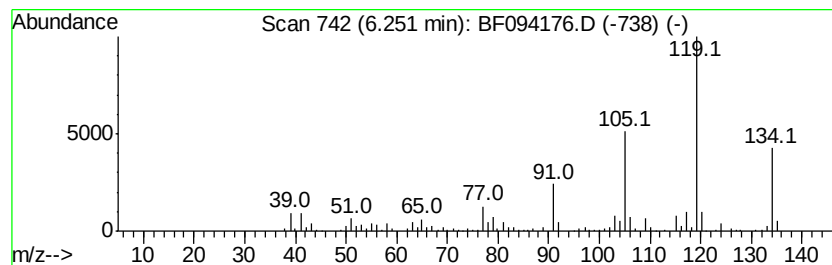
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	6.57 ng	355162	1,4-Dichlorobenzene-d4	5.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
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Misc :
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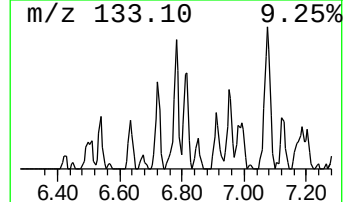
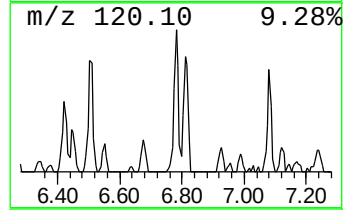
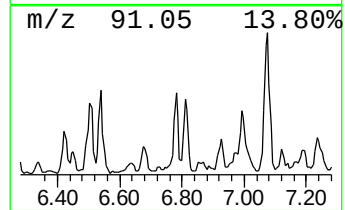
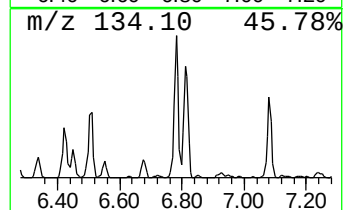
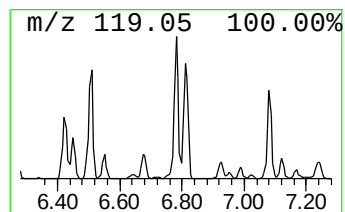
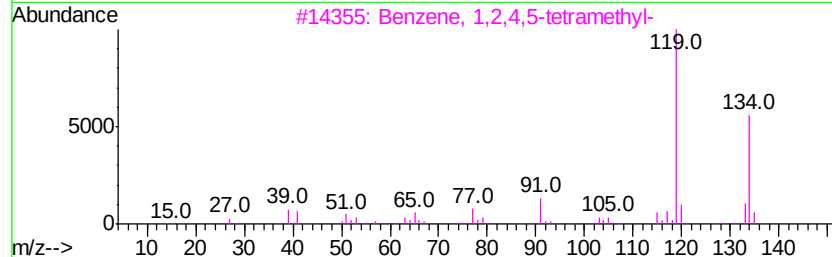
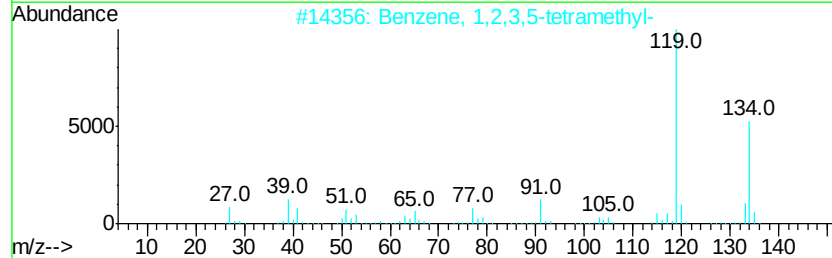
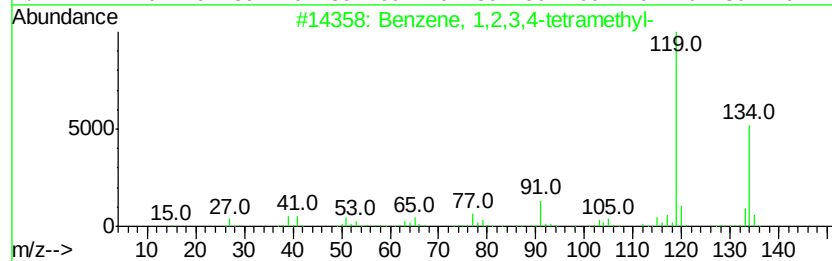
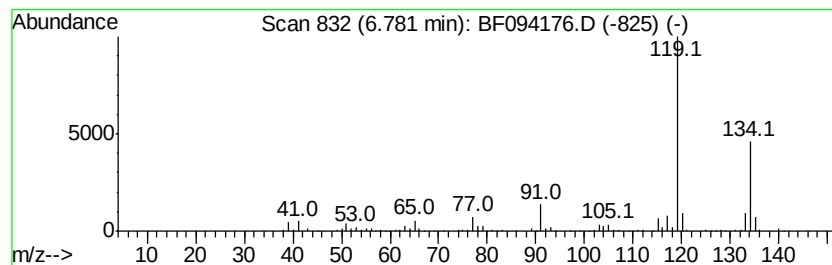
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	4.76 ng	382154	Napthalene-d8	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
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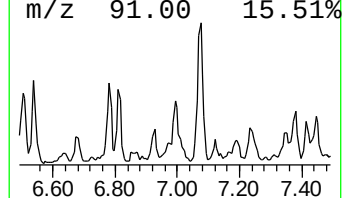
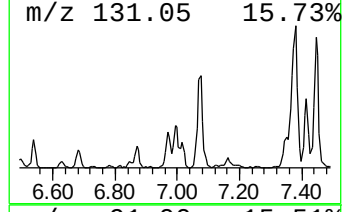
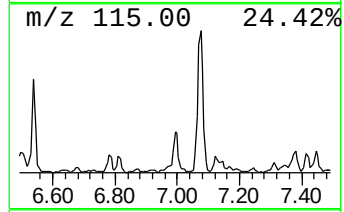
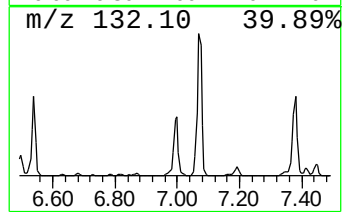
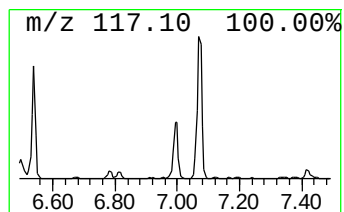
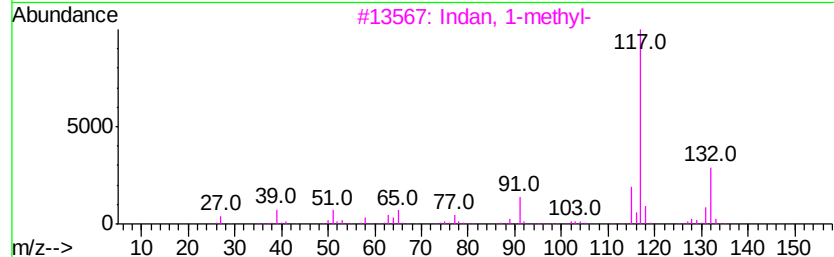
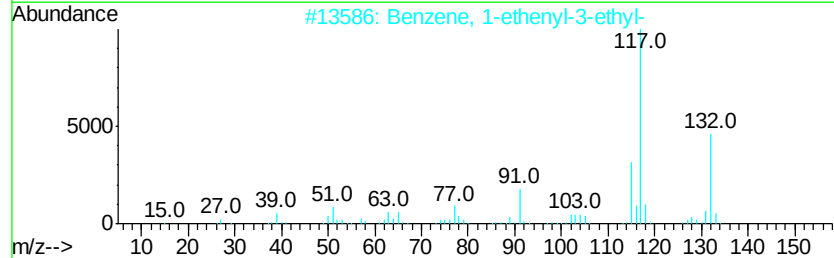
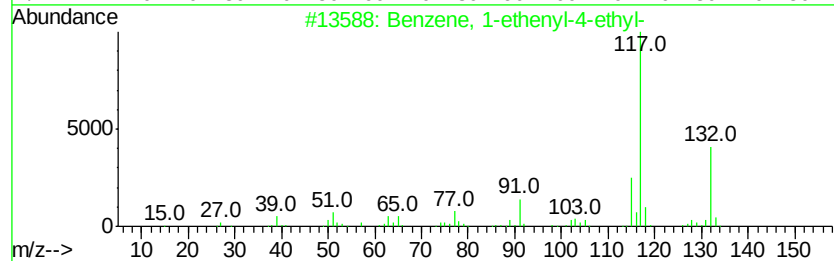
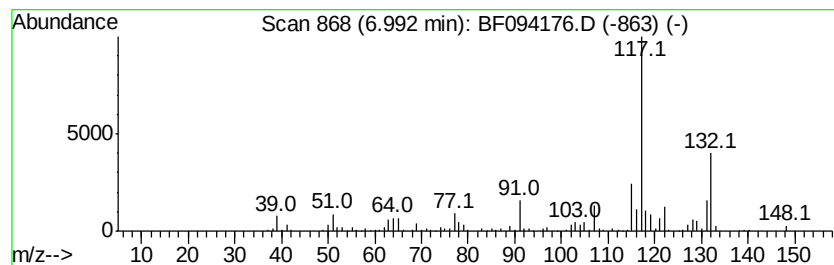
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	5.32 ng	427254	Napthalene-d8	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3		Indan, 1-methyl-	132	C10H12	000767-58-8	87
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



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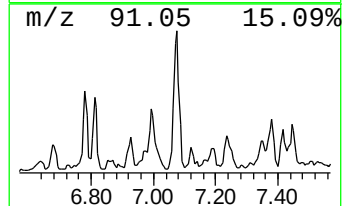
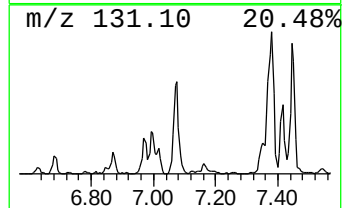
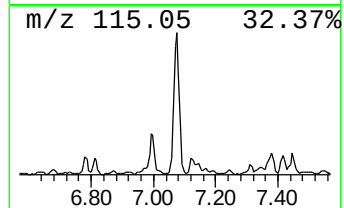
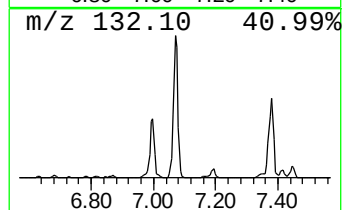
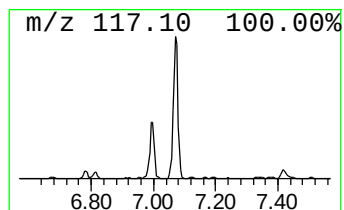
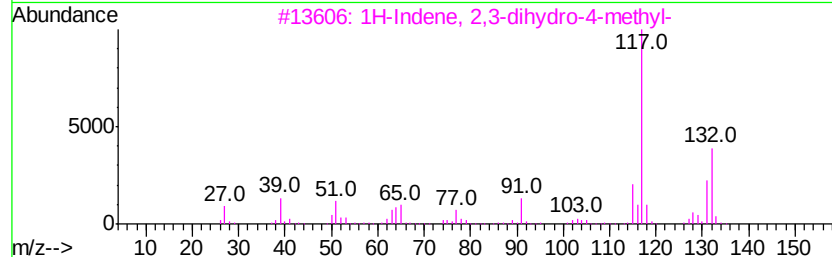
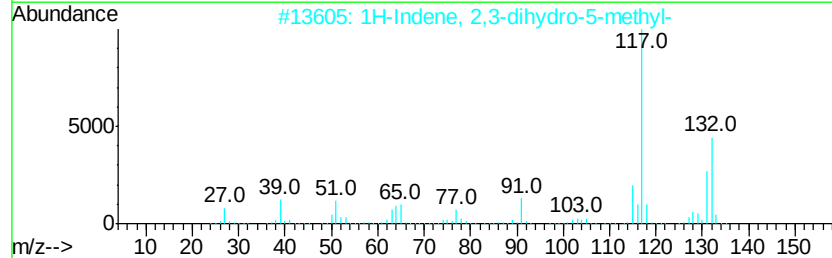
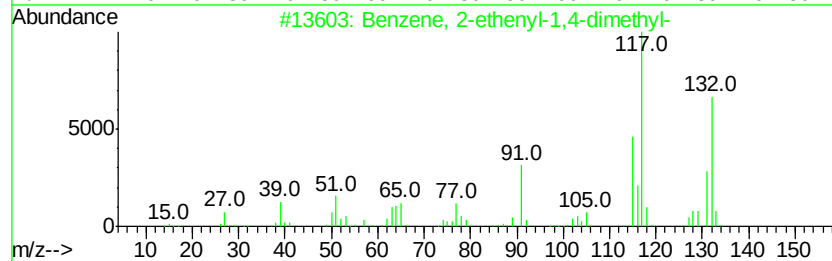
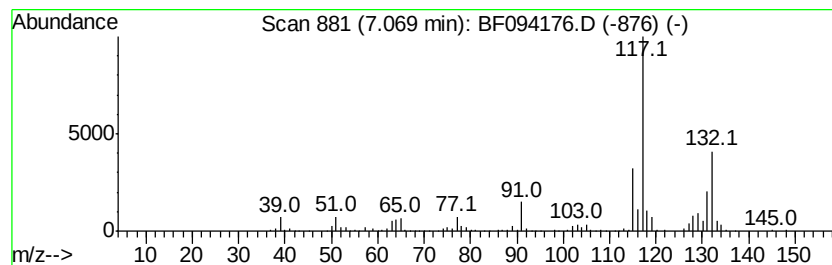
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	12.09 ng	970766	Napthalene-d8	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	68



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ALS Vial : 9 Sample Multiplier: 1

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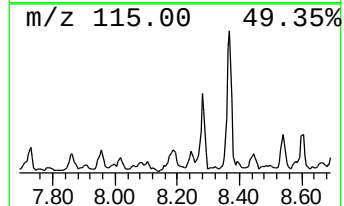
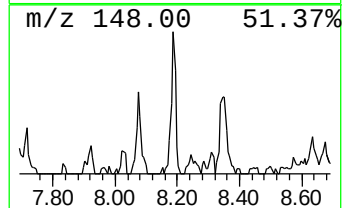
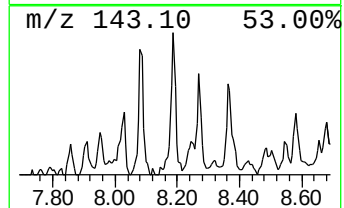
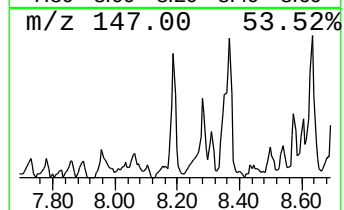
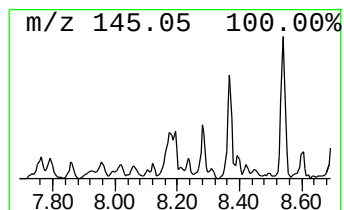
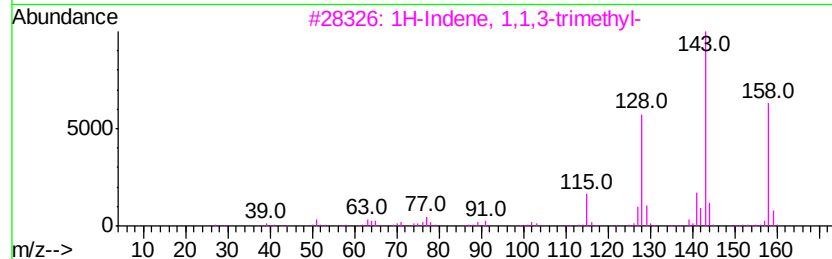
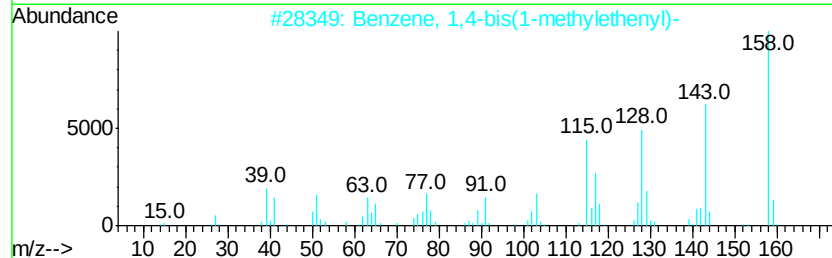
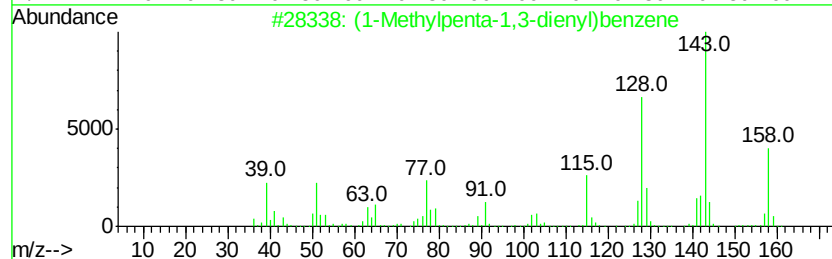
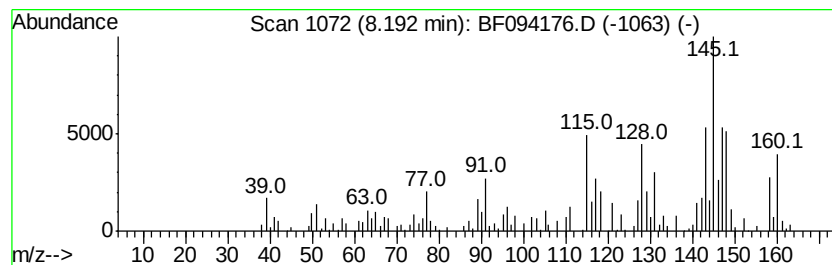
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.19 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.63 ng	291825	Naphthalene-d8	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	38
2			Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	30
3			1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	25
4			(1-Methylpenta-2,4-dienyl)benzene	158	C12H14	1000210-01-1	25
5			1,2,3-Trimethylindene	158	C12H14	004773-83-5	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094176.D
Acq On : 4 Apr 2017 19:26
Operator : SJ/MA
Sample : I2516-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

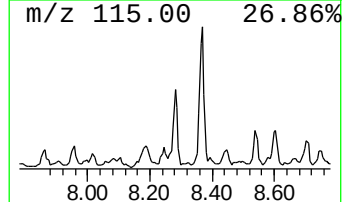
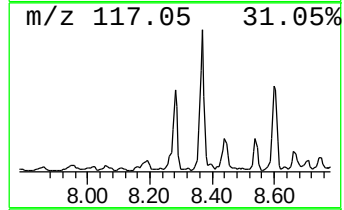
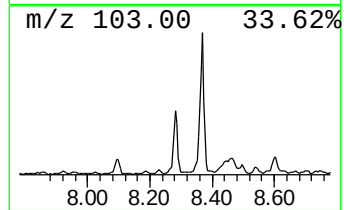
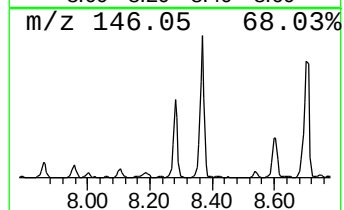
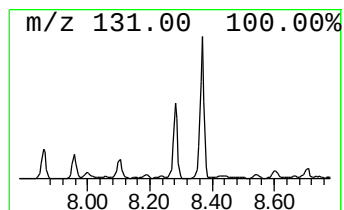
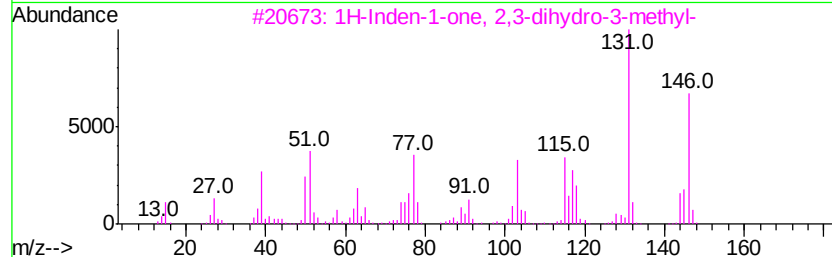
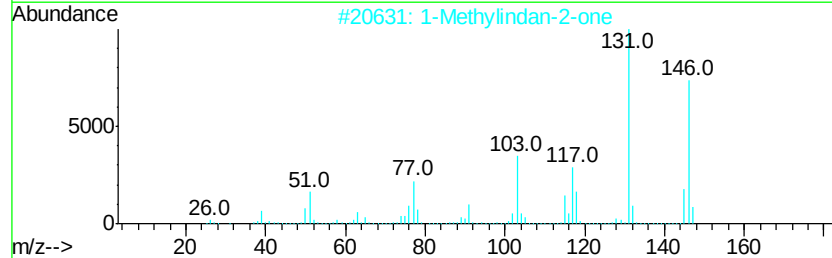
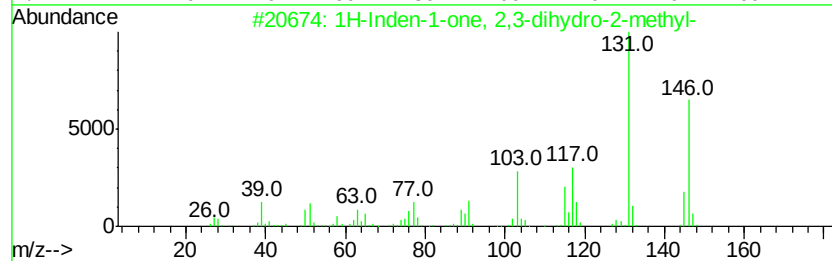
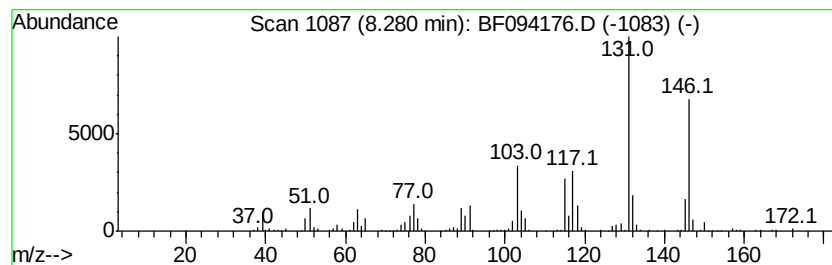
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	5.61 ng	450530	Naphthalene-d8	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	96
2			1-Methylindan-2-one	146	C10H10O	035587-60-1	91
3			1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	72
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094176.D
Acq On : 4 Apr 2017 19:26
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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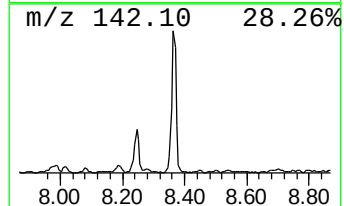
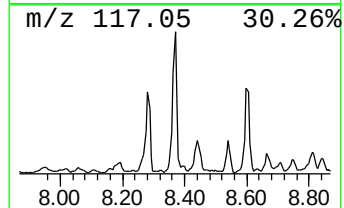
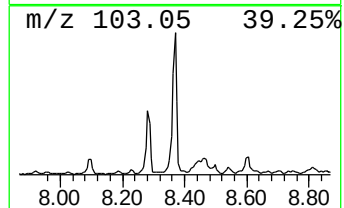
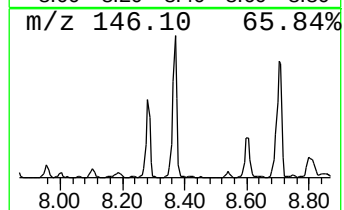
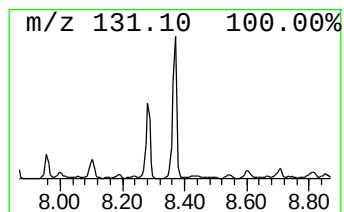
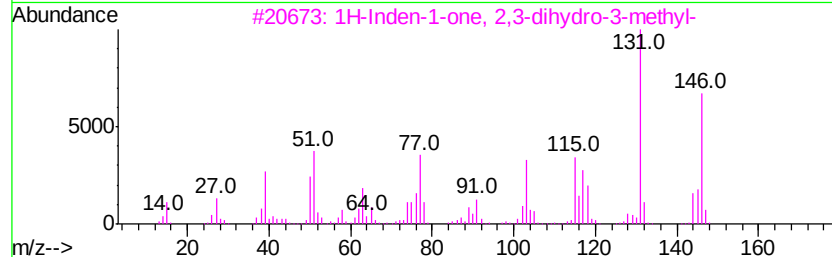
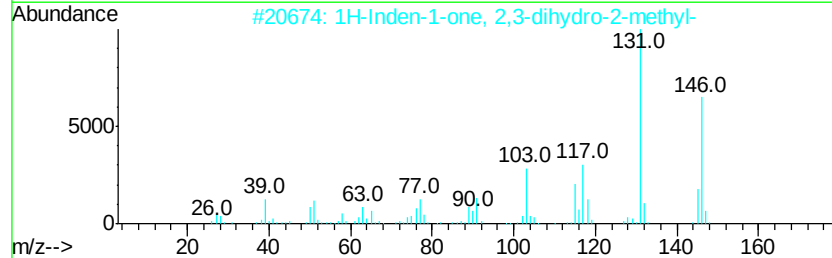
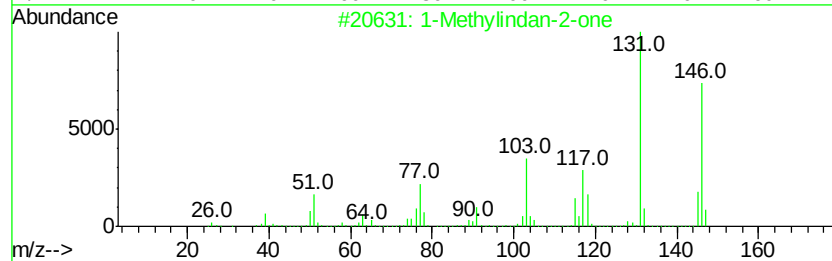
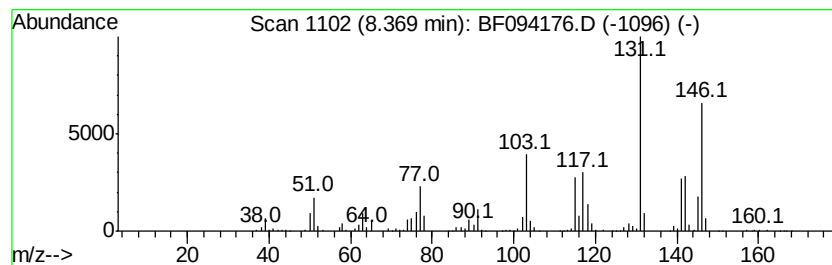
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Methylindan-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	11.14 ng	894779	Naphthalene-d8	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylindan-2-one	146	C10H10O	035587-60-1	97
2		1H-Inden-1-one, 2,3-dihydro-2-methyl-	146	C10H10O	017496-14-9	91
3		1H-Inden-1-one, 2,3-dihydro-3-methyl-	146	C10H10O	006072-57-7	68
4		1-Decen-3-one, 5-hydroxy-4-pentyl-	316	C21H32O2	1000115-33-2	58
5		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	002809-64-5	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094176.D
Acq On : 4 Apr 2017 19:26
Operator : SJ/MA
Sample : I2516-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

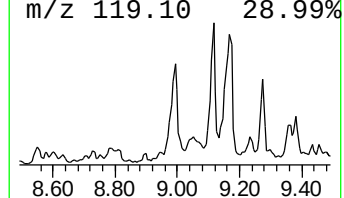
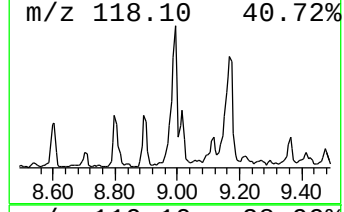
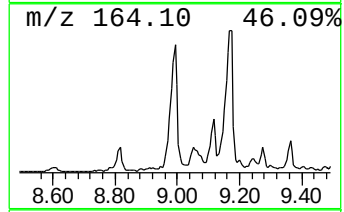
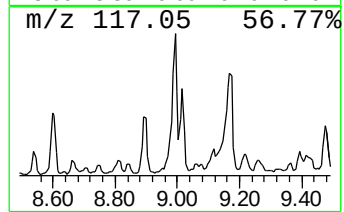
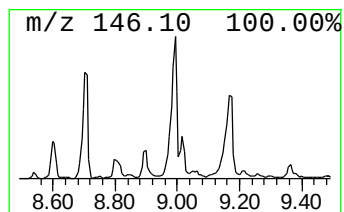
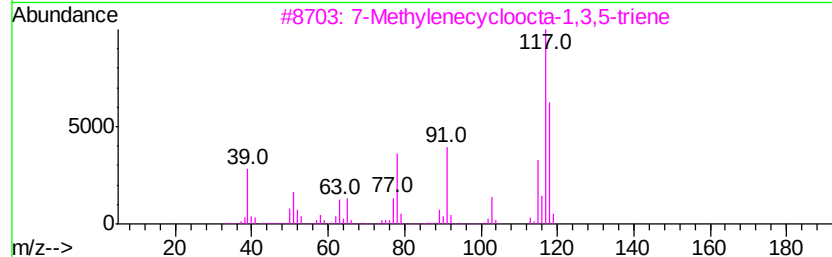
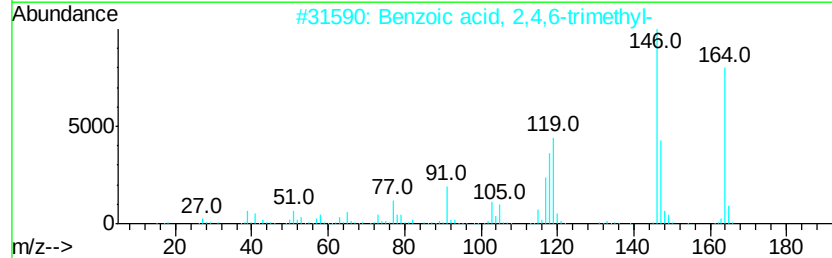
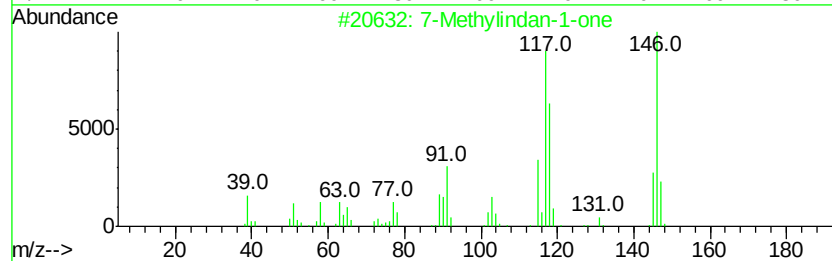
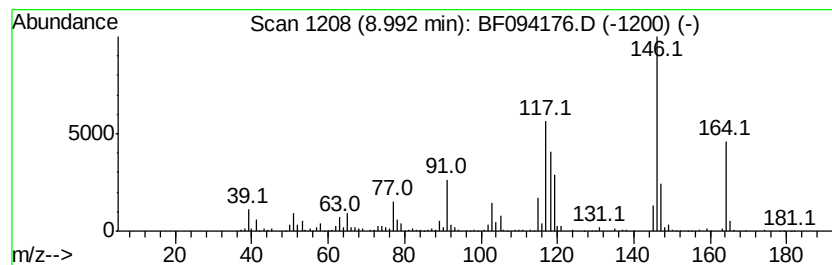
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7-Methylindan-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.99	11.19 ng	842977	Acenaphthene-d10	9.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	62
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	60
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	38
4	2-Hydroxy-1,7-naphthylidine	146	C8H6N2O	054920-82-0	38
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094176.D
Acq On : 4 Apr 2017 19:26
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Misc :
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Instrument :
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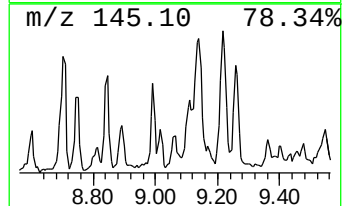
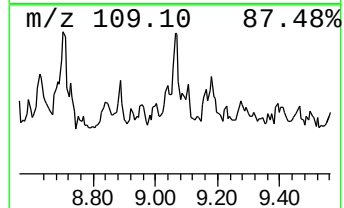
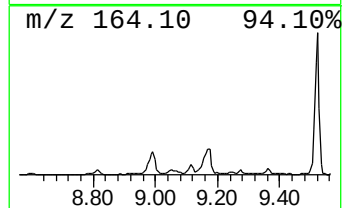
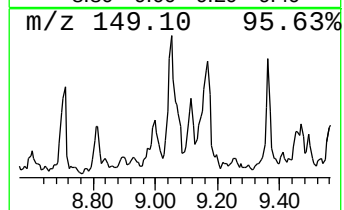
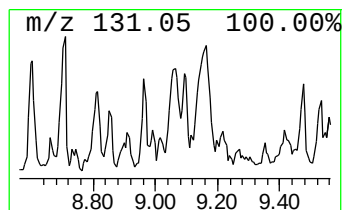
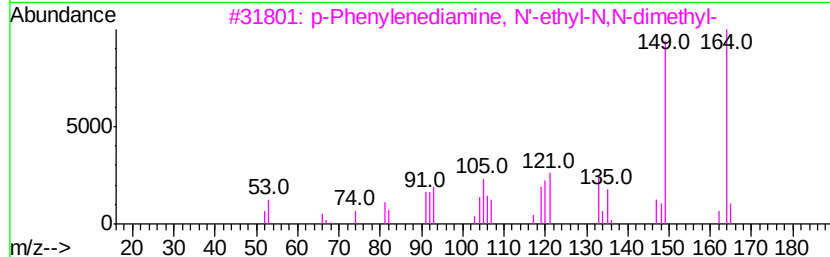
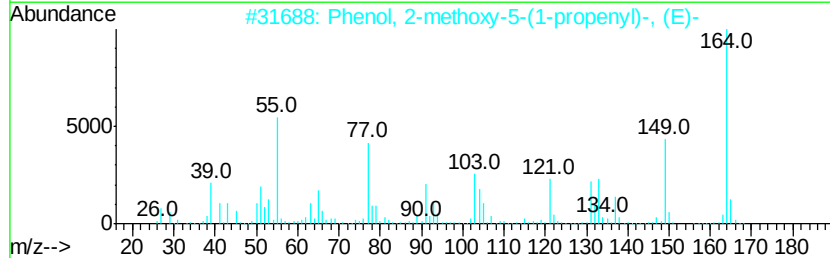
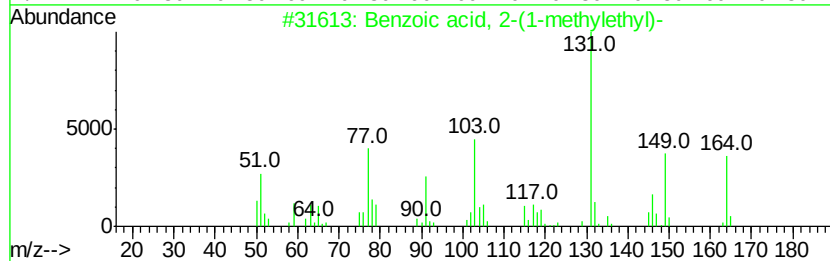
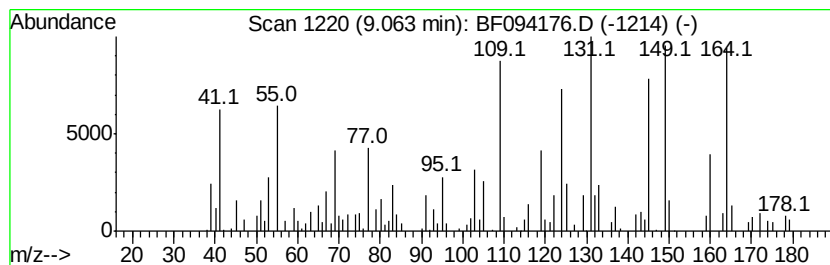
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	3.47 ng	261459	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-(1-methylethyl)-	164	C10H12O2	002438-04-2	25
2		Phenol, 2-methoxy-5-(1-propenyl)...	164	C10H12O2	019784-98-6	15
3		p-Phenylenediamine, N'-ethyl-N,N...	164	C10H16N2	024340-88-3	14
4		Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	11
5		5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
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Acq On : 4 Apr 2017 19:26
Operator : SJ/MA
Sample : I2516-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

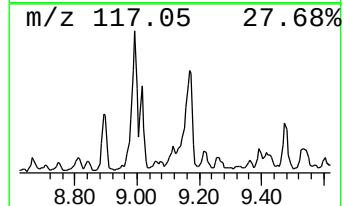
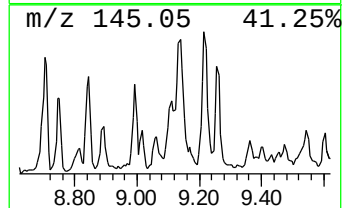
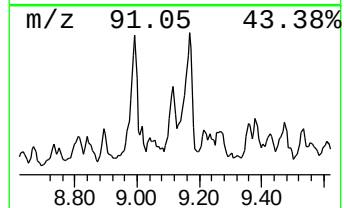
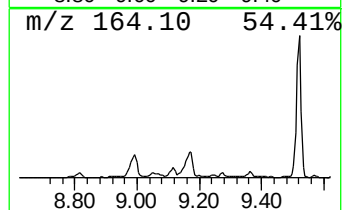
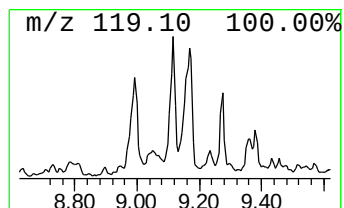
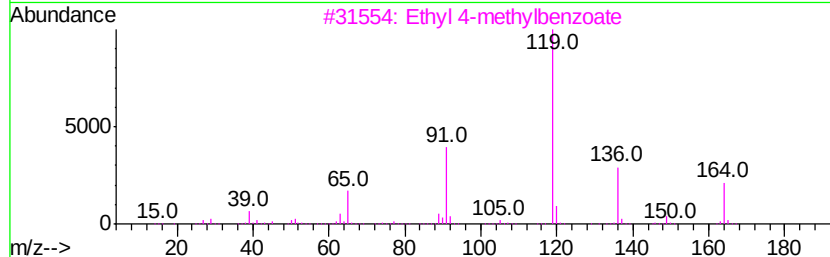
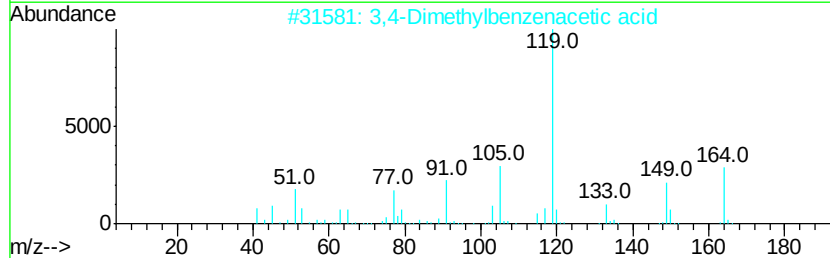
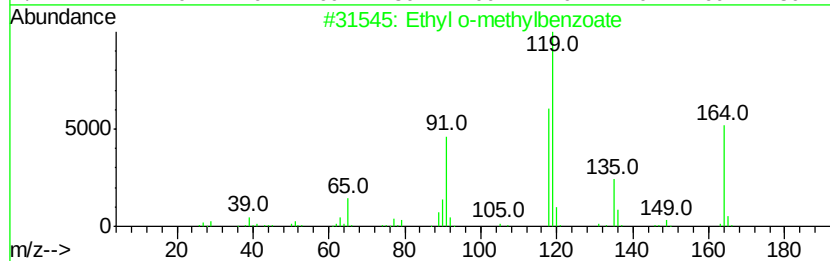
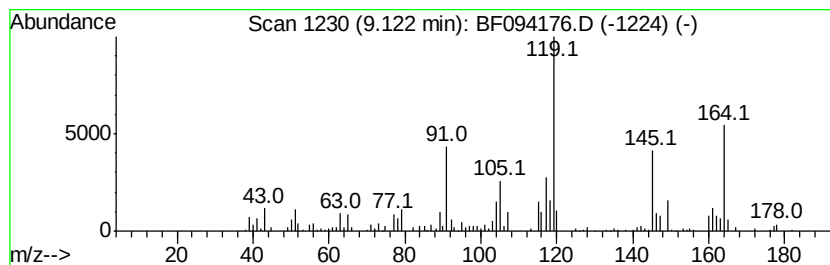
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown9.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	5.07 ng	381781	Acenaphthene-d10	9.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethyl o-methylbenzoate	164 C10H12O2	000087-24-1 46
2		3,4-Dimethylbenzenacetic acid	164 C10H12O2	017283-16-8 43
3		Ethyl 4-methylbenzoate	164 C10H12O2	000094-08-6 43
4		Benzene, 1-methyl-2-(1-methyleth...	134 C10H14	000527-84-4 38
5		1-(2-Methoxy-1-methylethyl)-2-me...	164 C11H16O	1000210-02-1 38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
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Sample : I2516-04
Misc :
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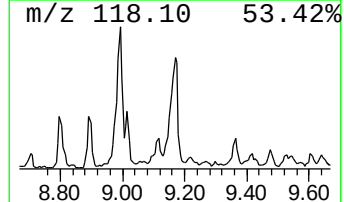
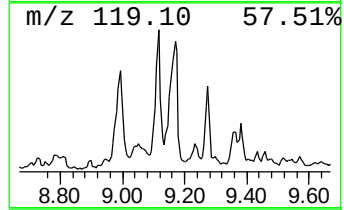
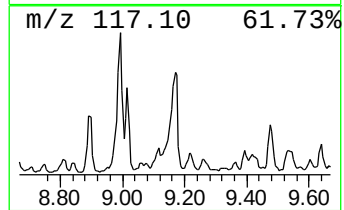
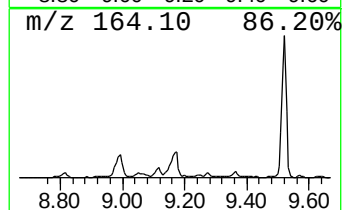
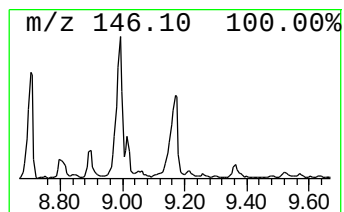
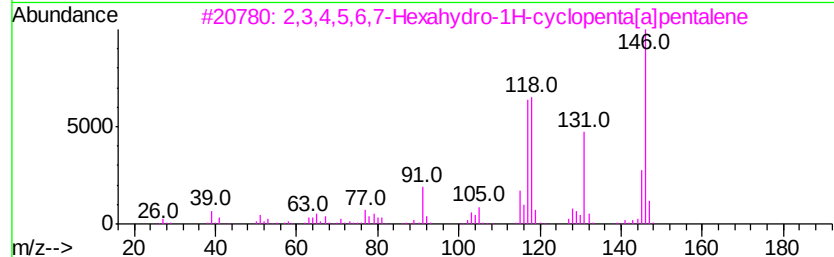
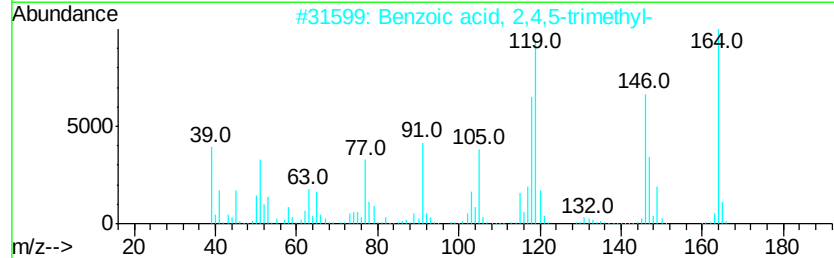
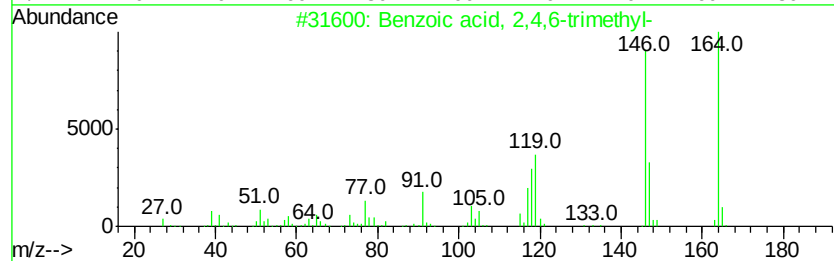
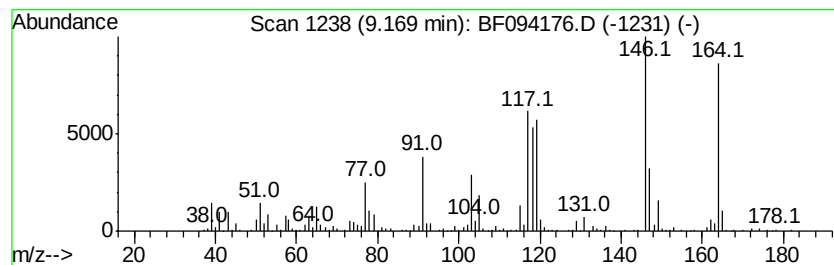
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	15.02 ng	1131520	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	93
2		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	68
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	38
4		m-Hydroxycinnamic acid	164	C9H8O3	014755-02-3	27
5		2-Propenoic acid, 3-(4-hydroxyph...	164	C9H8O3	007400-08-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
 Data File : BF094176.D
 Acq On : 4 Apr 2017 19:26
 Operator : SJ/MA
 Sample : I2516-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.00	6.0	ng	326664	1	5.87	1080370	20.0
Benzene, 1-ethyl-...	5.35	5.9	ng	320103	1	5.87	1080370	20.0
unknown5.62	5.62	69.3	ng	3741840	1	5.87	1080370	20.0
Benzene, 1,3,5-tr...	5.68	17.0	ng	919141	1	5.87	1080370	20.0
Benzene, 1,2,3-tr...	5.95	6.4	ng	347451	1	5.87	1080370	20.0
Indane	6.08	8.7	ng	468305	1	5.87	1080370	20.0
Benzene, 1-methyl...	6.25	6.6	ng	355162	1	5.87	1080370	20.0
Benzene, 1,2,3,4-...	6.78	4.8	ng	382154	2	7.38	1605810	20.0
Benzene, 1-etheny...	6.99	5.3	ng	427254	2	7.38	1605810	20.0
Benzene, 2-etheny...	7.07	12.1	ng	970766	2	7.38	1605810	20.0
unknown8.19	8.19	3.6	ng	291825	2	7.38	1605810	20.0
1H-Inden-1-one, 2...	8.28	5.6	ng	450530	2	7.38	1605810	20.0
1-Methylindan-2-one	8.37	11.1	ng	894779	2	7.38	1605810	20.0
7-Methylindan-1-one	8.99	11.2	ng	842977	3	9.52	1507070	20.0
unknown9.06	9.06	3.5	ng	261459	3	9.52	1507070	20.0
unknown9.12	9.12	5.1	ng	381781	3	9.52	1507070	20.0
Benzoic acid, 2,4...	9.17	15.0	ng	1131520	3	9.52	1507070	20.0