

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082639.D
 Acq On : 2 Nov 2015 19:06
 Operator : UM/IZ
 Sample : G4234-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2

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-BF103015.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	3.893	154	158	161	rBV	3312254	4838621	23.45%	2.263%
2	5.093	258	263	265	rBV	3418629	5755120	27.89%	2.692%
3	5.356	284	286	288	rBV	627768	570630	2.77%	0.267%
4	5.470	293	296	297	rBV	1556320	2418893	11.72%	1.131%
5	5.493	297	298	301	rVB	4146896	5213421	25.26%	2.438%
6	5.733	315	319	321	rBV2	327840	493215	2.39%	0.231%
7	6.419	376	379	380	rBV	569000	630014	3.05%	0.295%
8	6.522	384	388	390	rBV	5886919	7248873	35.13%	3.390%
9	6.659	397	400	402	rBV	6969534	6888168	33.38%	3.222%
10	6.716	403	405	406	rBV	992397	937980	4.55%	0.439%
11	6.887	418	420	422	rBV	1657327	1348861	6.54%	0.631%
12	6.956	422	426	430	rVV3	260172	598047	2.90%	0.280%
13	7.047	432	434	435	rVV	5819084	5263003	25.50%	2.462%
14	7.070	435	436	438	rVB	1896616	1761991	8.54%	0.824%
15	7.150	441	443	445	rVV	2349852	1945729	9.43%	0.910%
16	7.459	466	470	472	rBV	3250498	5419940	26.26%	2.535%
17	7.539	476	477	479	rVV2	465498	420846	2.04%	0.197%
18	7.596	479	482	483	rVV	801842	794959	3.85%	0.372%
19	7.927	507	511	512	rVV3	817708	1038281	5.03%	0.486%
20	7.962	512	514	518	rVV	820749	1039876	5.04%	0.486%
21	8.213	530	536	538	rVV	14349241	20636191	100.00%	9.652%
22	8.247	538	539	541	rVV	1314044	1392527	6.75%	0.651%
23	8.899	593	596	598	rVV	7637303	7857286	38.08%	3.675%
24	8.945	598	600	601	rVV	554257	560969	2.72%	0.262%
25	8.990	601	604	606	rVB	4050105	3906113	18.93%	1.827%
26	9.253	625	627	630	rVB	5045844	6628922	32.12%	3.100%
27	9.356	634	636	638	rVV	1725157	1402298	6.80%	0.656%
28	9.448	643	644	647	rVB	739357	845044	4.09%	0.395%
29	9.516	647	650	652	rBV	1452200	2052414	9.95%	0.960%
30	9.596	654	657	658	rVV	1947904	2194385	10.63%	1.026%
31	9.653	660	662	664	rVV	1920108	1761507	8.54%	0.824%
32	9.710	664	667	671	rVV2	1054802	1396035	6.76%	0.653%
33	9.790	672	674	677	rVB	2116487	1886223	9.14%	0.882%
34	9.939	683	687	688	rVV2	1111125	2278557	11.04%	1.066%

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35	9.973	688	690	691 rVV	2934852	3821338	18.52%	1.787%
36	10.042	693	696	699 rBV3	196627	398667	1.93%	0.186%
37	10.133	702	704	706 rVB	2554262	3042519	14.74%	1.423%
38	10.248	712	714	716 rVV2	513386	985836	4.78%	0.461%
39	10.282	716	717	720 rVV2	619760	781975	3.79%	0.366%
40	10.339	720	722	725 rVV2	387402	874924	4.24%	0.409%
41	10.385	725	726	727 rVV	539795	378136	1.83%	0.177%
42	10.431	727	730	731 rVV	235865	490945	2.38%	0.230%
43	10.488	733	735	737 rVB	3773046	4538819	21.99%	2.123%
44	10.545	737	740	741 rBV2	323536	544680	2.64%	0.255%
45	10.591	741	744	747 rVV3	360480	950811	4.61%	0.445%
46	10.636	747	748	751 rVV2	1167995	1157955	5.61%	0.542%
47	10.716	751	755	757 rVV3	3523448	4672065	22.64%	2.185%
48	10.853	764	767	770 rVB2	267473	447489	2.17%	0.209%
49	11.025	778	782	784 rVV3	789195	1411476	6.84%	0.660%
50	11.116	788	790	791 rVV	330830	474631	2.30%	0.222%
51	11.162	791	794	798 rVV2	359088	1058187	5.13%	0.495%
52	11.231	798	800	802 rVV	323851	417858	2.02%	0.195%
53	11.265	802	803	805 rVV	372741	531745	2.58%	0.249%
54	11.311	805	807	810 rVB	1288581	1428738	6.92%	0.668%
55	11.448	815	819	821 rBV2	8199890	11690504	56.65%	5.468%
56	11.493	821	823	825 rVV	2832996	2962538	14.36%	1.386%
57	11.528	825	826	828 rVB	888159	671064	3.25%	0.314%
58	11.642	834	836	838 rVV	1620543	1474315	7.14%	0.690%
59	11.722	840	843	847 rVB5	303659	796832	3.86%	0.373%
60	11.916	857	860	862 rBV	1007912	1798136	8.71%	0.841%
61	11.951	862	863	865 rVB	2481523	2096588	10.16%	0.981%
62	11.996	865	867	868 rBV2	1026483	980483	4.75%	0.459%
63	12.031	868	870	874 rVB2	1987237	3113504	15.09%	1.456%
64	12.214	885	886	889 rVB	1003233	927586	4.49%	0.434%
65	12.374	897	900	901 rBV2	414910	570403	2.76%	0.267%
66	12.419	901	904	906 rVB2	328031	509052	2.47%	0.238%
67	12.476	906	909	910 rBV	564627	696570	3.38%	0.326%
68	12.511	910	912	916 rVV4	403000	913627	4.43%	0.427%
69	12.648	921	924	925 rVV	6367269	6039608	29.27%	2.825%
70	12.682	925	927	929 rVV2	587344	582818	2.82%	0.273%
71	12.728	929	931	934 rVV	647141	803804	3.90%	0.376%

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72	12.865	939	943	946	rBV	4873820	5989266	29.02%	2.801%
73	12.911	946	947	950	rVB2	418516	517801	2.51%	0.242%
74	12.979	950	953	954	rBV	531238	609539	2.95%	0.285%
75	13.014	954	956	958	rVB	4525604	5132537	24.87%	2.400%
76	13.082	958	962	966	rBV3	439009	946502	4.59%	0.443%
77	13.151	966	968	970	rBV2	852208	1320532	6.40%	0.618%
78	13.185	970	971	973	rVB	945675	1188715	5.76%	0.556%
79	13.254	975	977	979	rVV	1174576	1182876	5.73%	0.553%
80	13.288	979	980	984	rVB2	734497	1023943	4.96%	0.479%
81	13.379	984	988	990	rBV3	389106	945578	4.58%	0.442%
82	13.414	990	991	994	rVB2	421969	430741	2.09%	0.201%
83	13.597	1003	1007	1012	rBV5	287765	761910	3.69%	0.356%
84	13.802	1023	1025	1027	rBV2	425772	741657	3.59%	0.347%
85	13.837	1027	1028	1029	rVV	550125	457908	2.22%	0.214%
86	13.859	1029	1030	1033	rVV3	357528	574069	2.78%	0.268%
87	14.054	1044	1047	1049	rBV2	3317995	4788702	23.21%	2.240%
88	14.088	1049	1050	1052	rVV	2127569	1606417	7.78%	0.751%
89	14.168	1053	1057	1058	rBV2	256040	385165	1.87%	0.180%
90	14.282	1065	1067	1069	rBV2	345135	507524	2.46%	0.237%
91	14.442	1079	1081	1083	rVB	456521	573383	2.78%	0.268%
92	15.094	1135	1138	1143	rBV	1326971	2739834	13.28%	1.281%
93	15.197	1145	1147	1150	rVB	433347	445232	2.16%	0.208%
94	15.391	1161	1164	1167	rVB	788025	1070933	5.19%	0.501%
95	15.448	1167	1169	1172	rVB	1286265	1537933	7.45%	0.719%
96	15.505	1172	1174	1182	rBV2	680213	1496781	7.25%	0.700%
97	16.923	1295	1298	1303	rBV2	389735	854460	4.14%	0.400%
98	17.357	1332	1336	1341	rBV	290165	643526	3.12%	0.301%
99	19.003	1476	1480	1486	rVB2	131413	431732	2.09%	0.202%
100	20.340	1593	1597	1611	rVB2	67537	446419	2.16%	0.209%

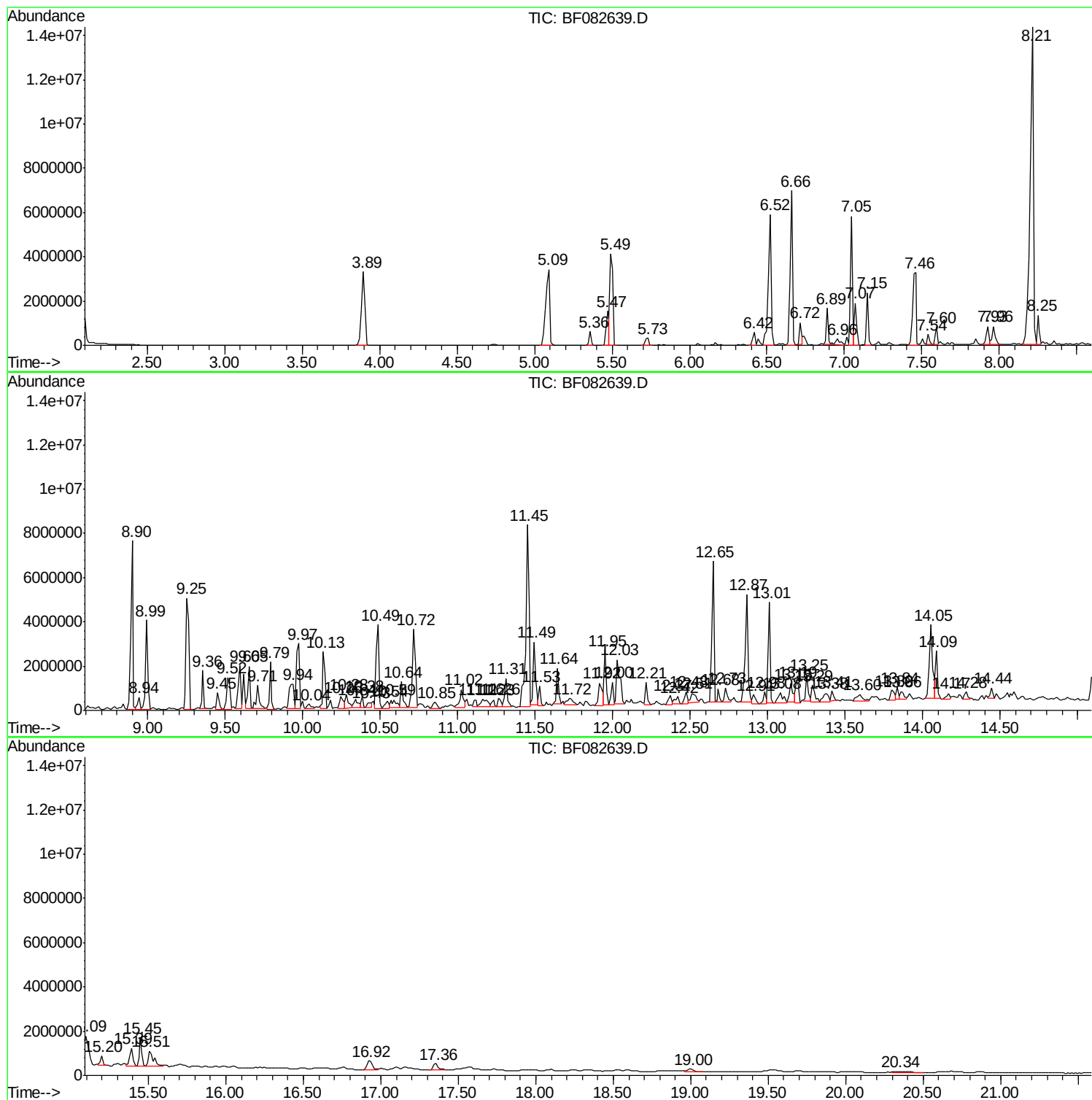
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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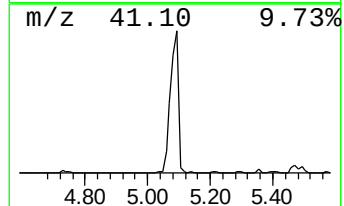
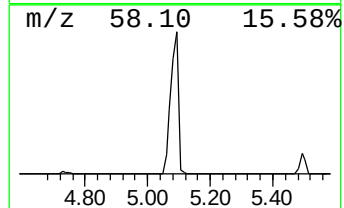
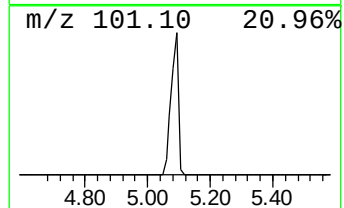
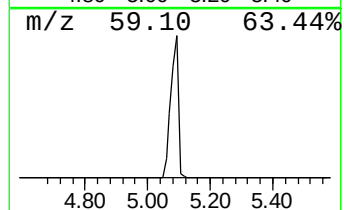
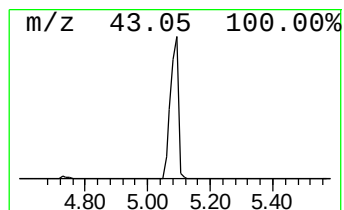
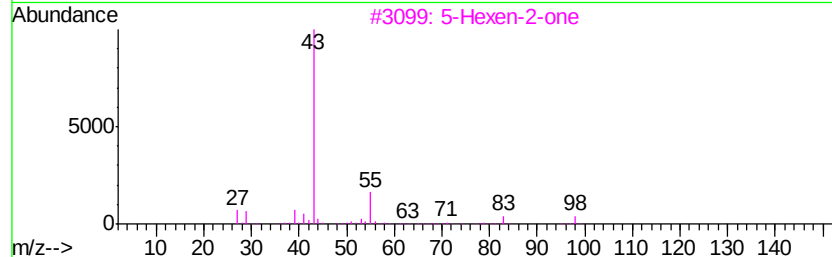
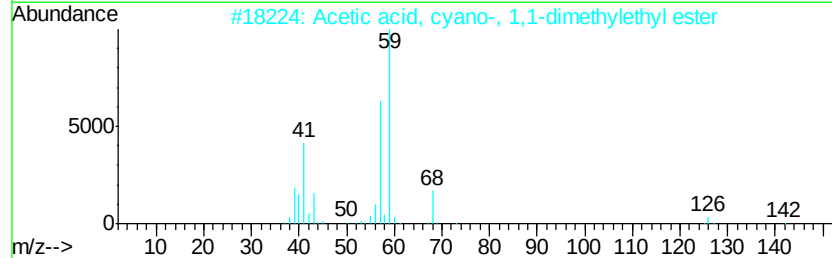
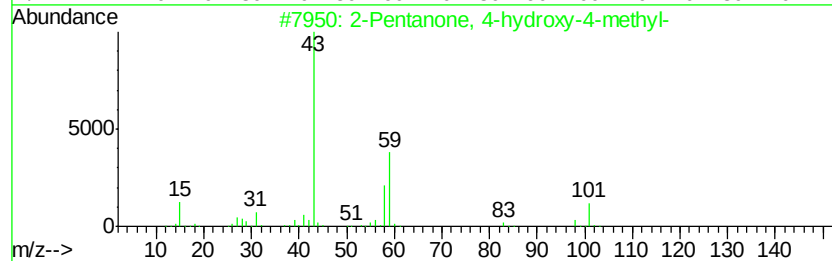
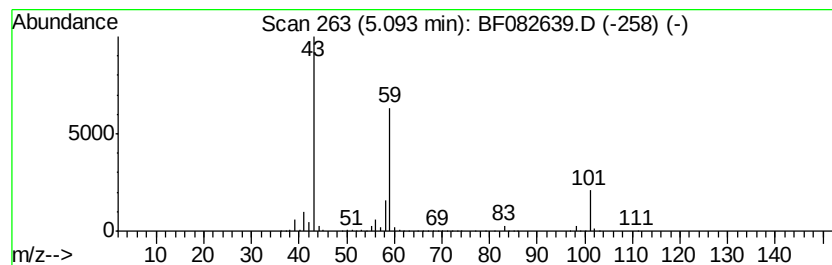
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	85.33 ng	5755120	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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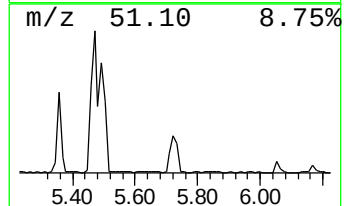
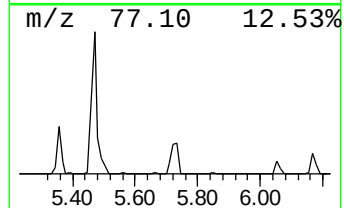
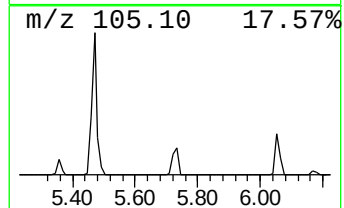
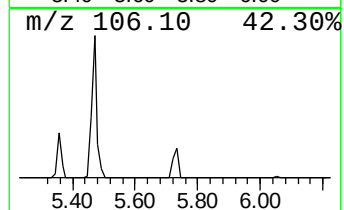
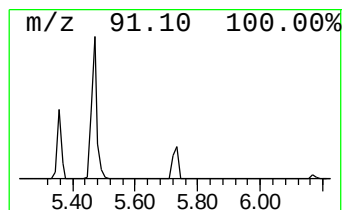
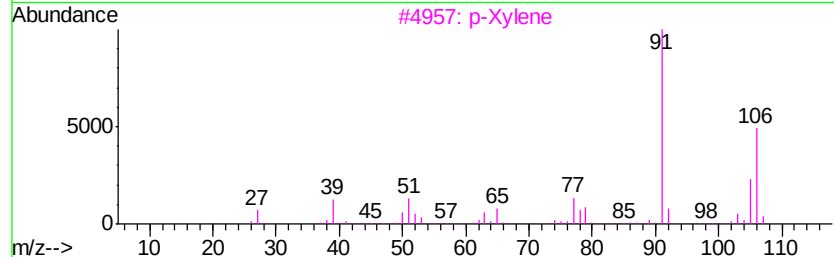
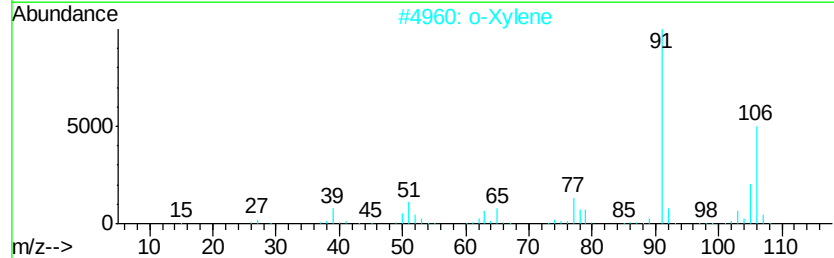
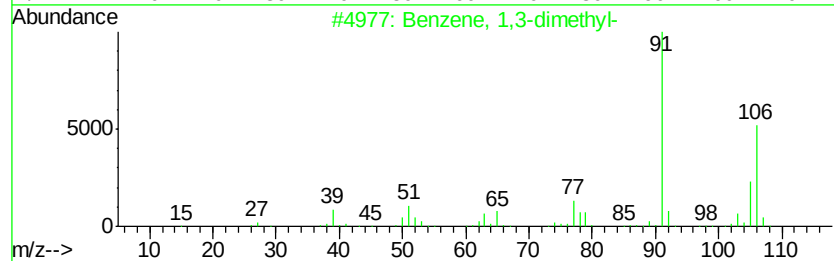
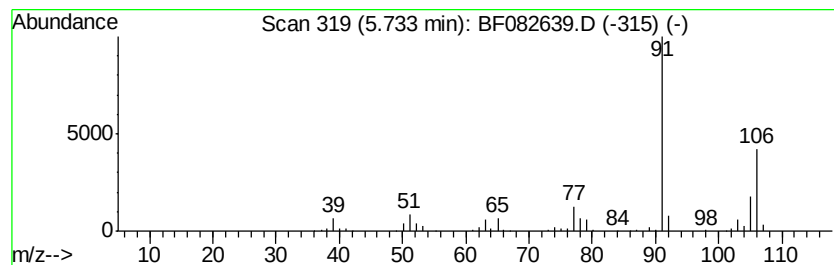
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	7.31 ng	493215	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Ethylbenzene	106	C8H10	000100-41-4	90
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87



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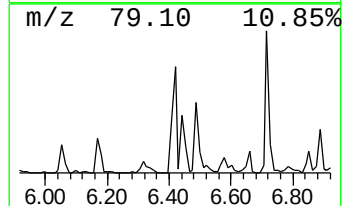
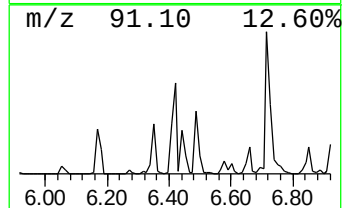
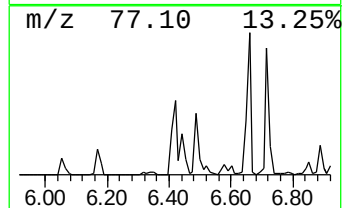
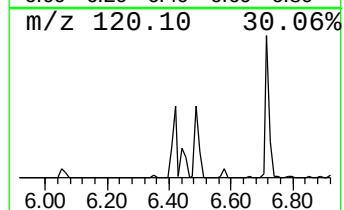
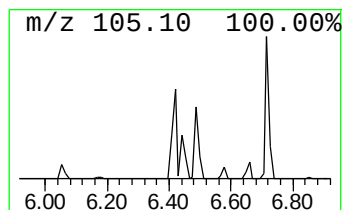
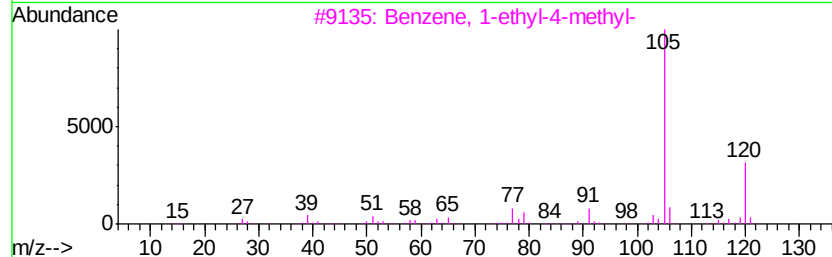
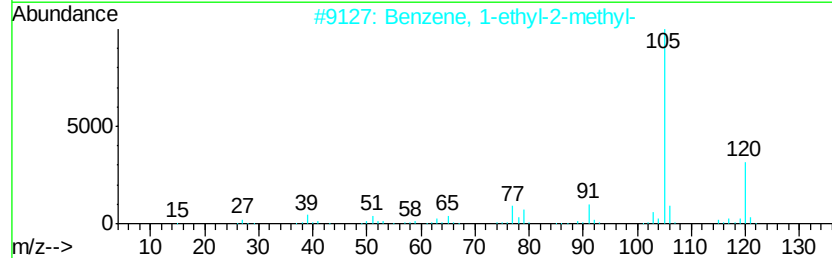
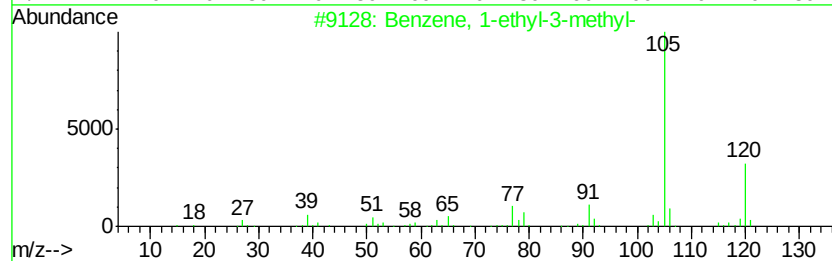
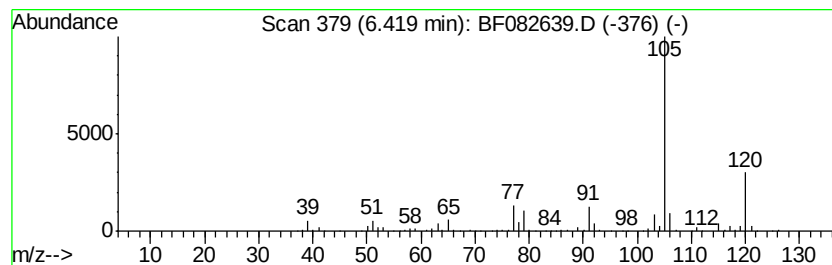
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	9.34 ng	630014	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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ALS Vial : 7 Sample Multiplier: 1

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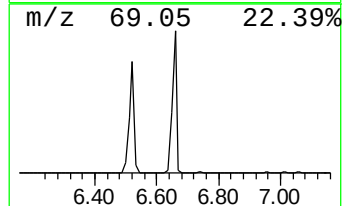
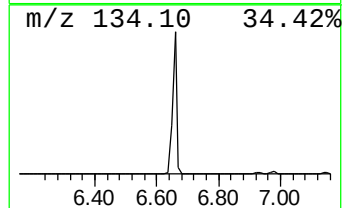
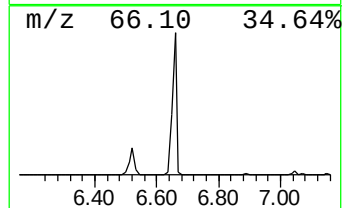
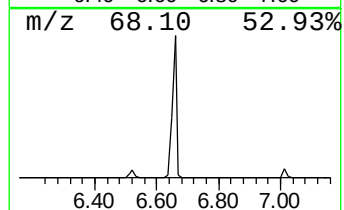
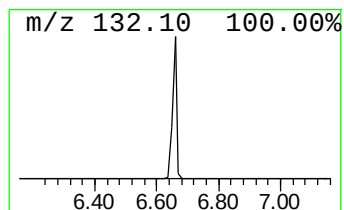
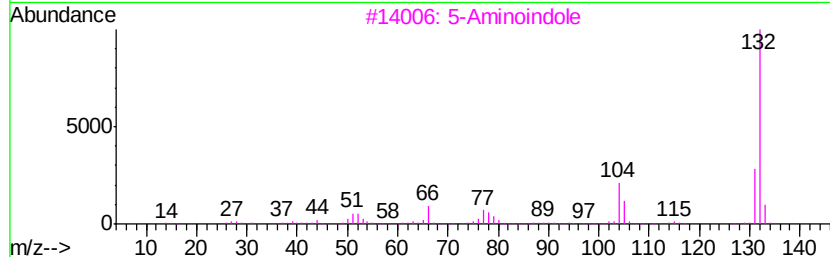
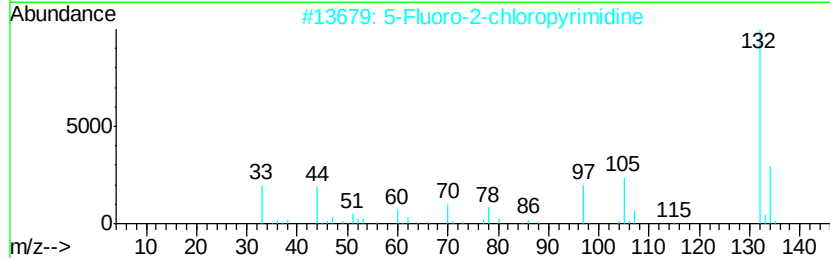
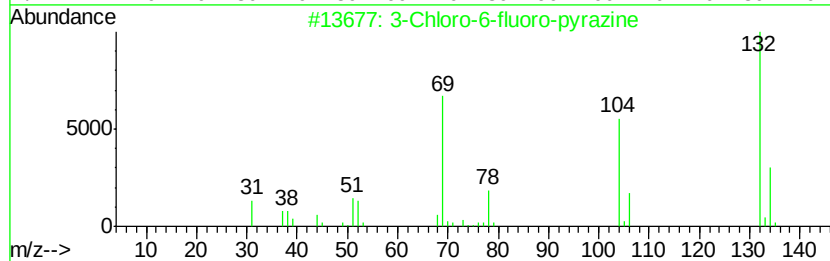
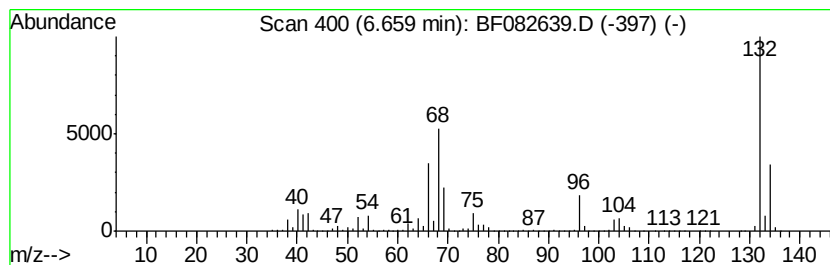
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	102.13 ng	6888170	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
Operator : UM/IZ
Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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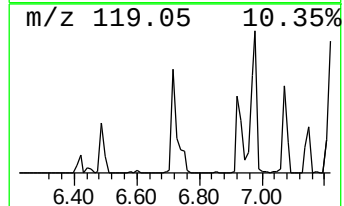
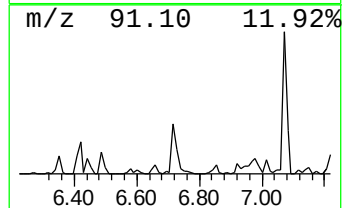
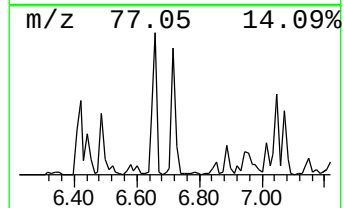
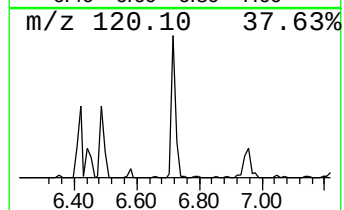
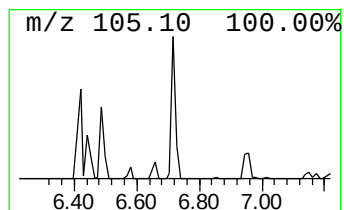
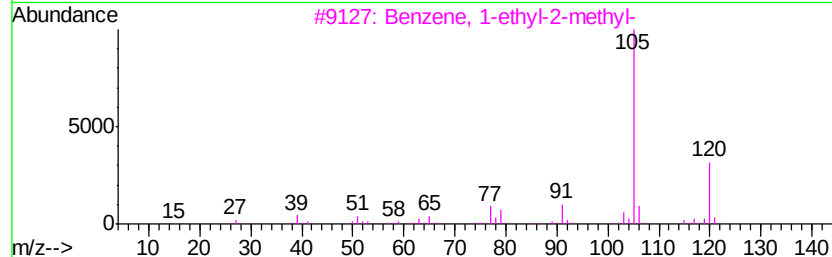
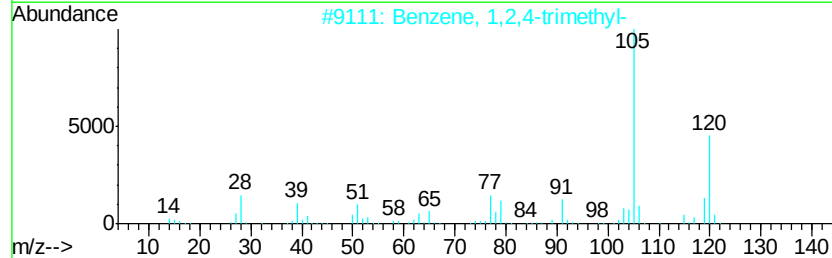
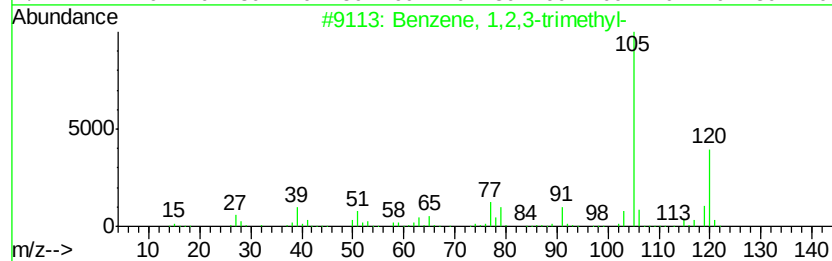
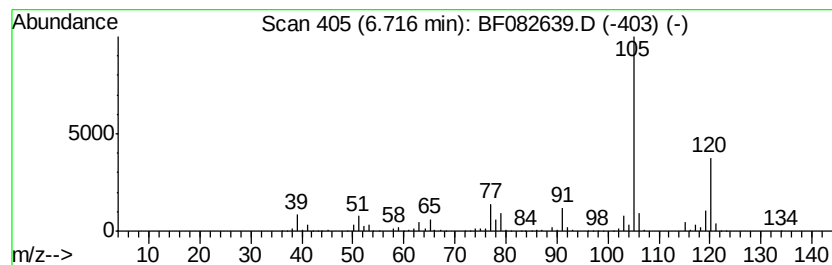
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	13.91 ng	937980	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
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Sample : G4234-03
Misc :
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Instrument :
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ClientSampleId :
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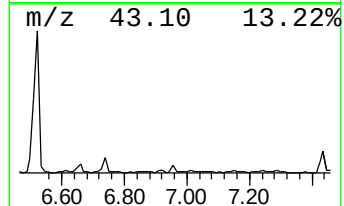
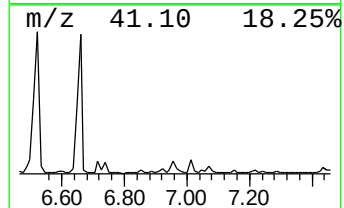
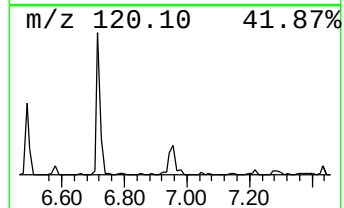
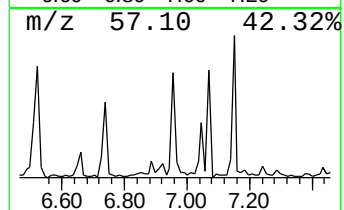
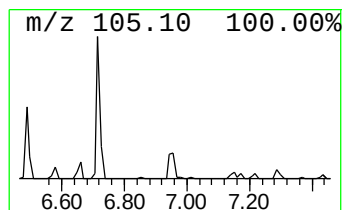
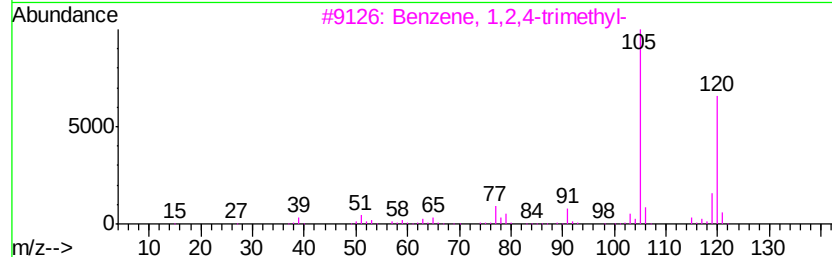
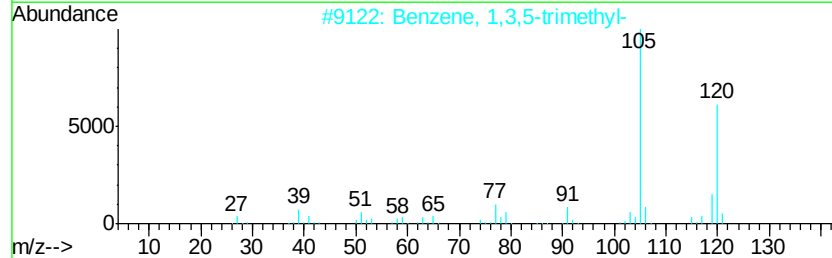
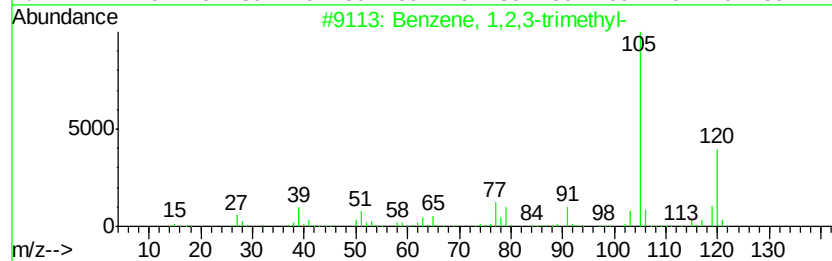
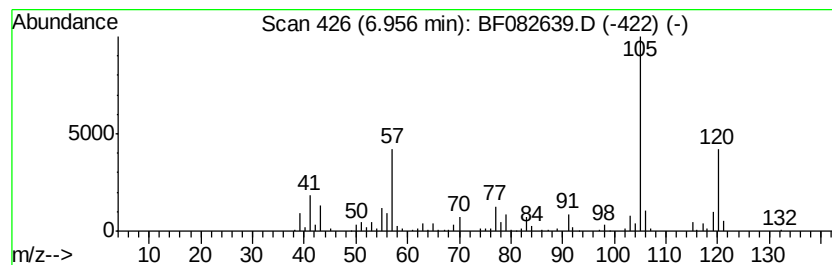
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	8.87 ng	598047	1,4-Dichlorobenzene-d4	6.89

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	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
Operator : UM/IZ
Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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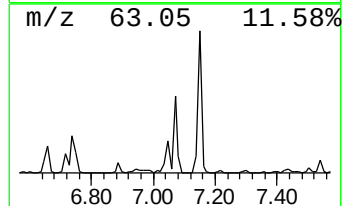
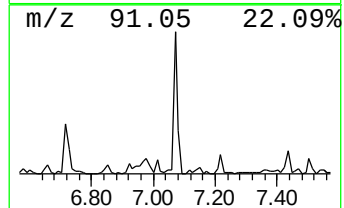
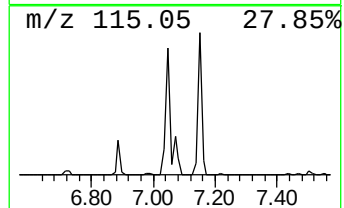
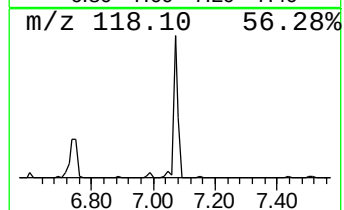
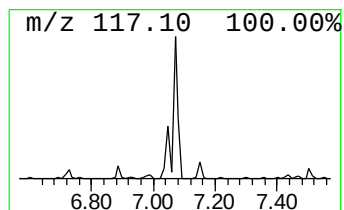
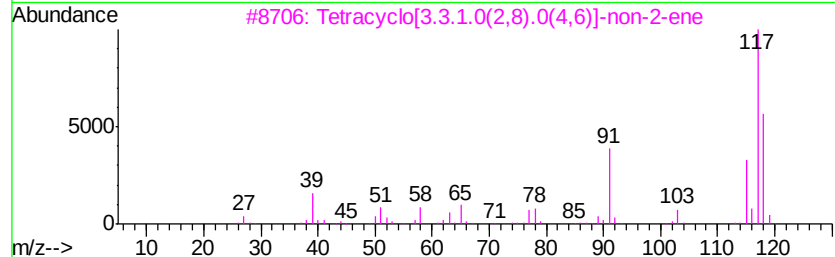
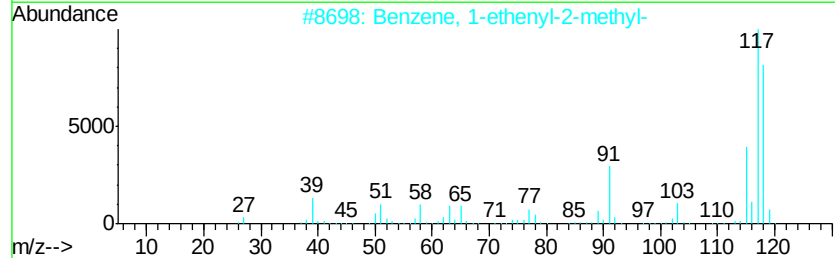
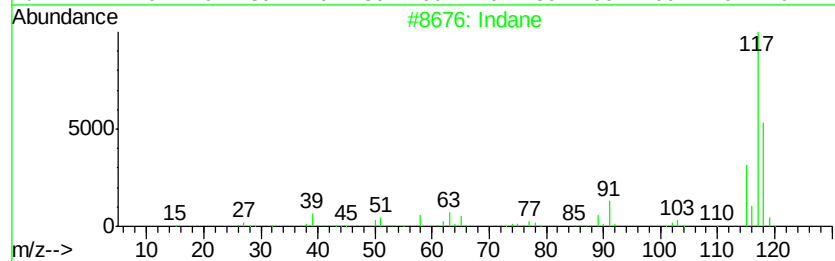
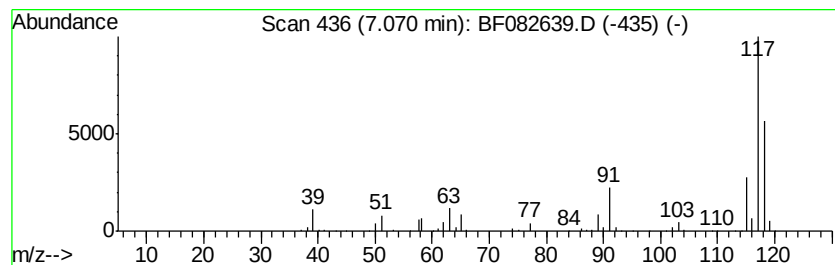
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	26.13 ng	1761990	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	81
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082639.D
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Misc :
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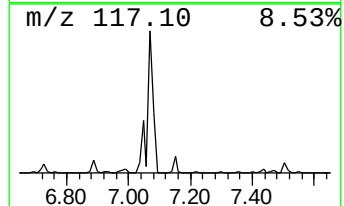
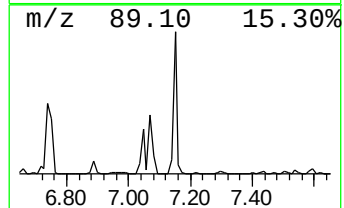
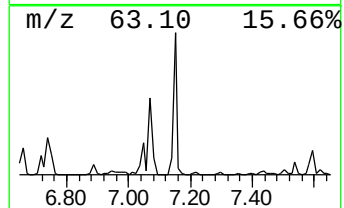
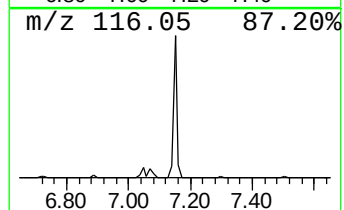
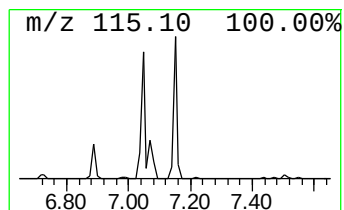
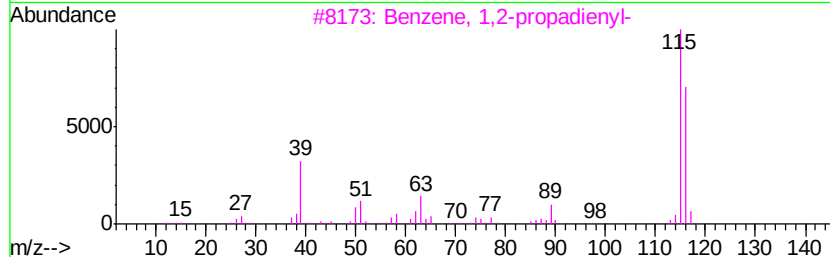
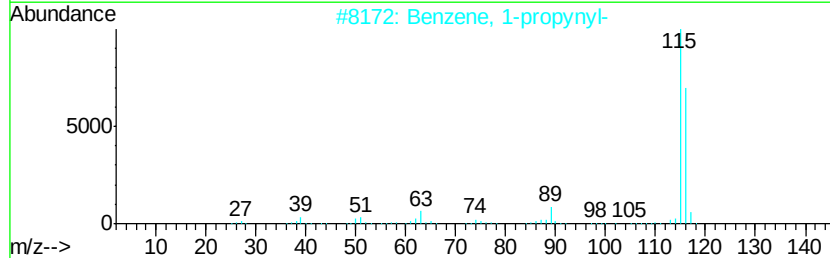
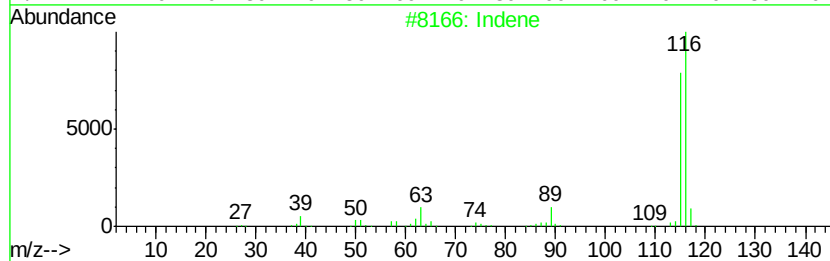
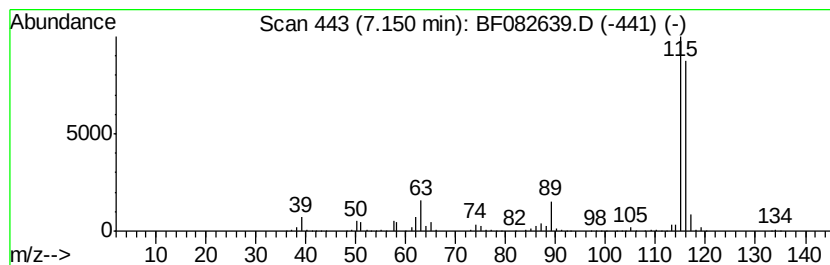
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	28.85 ng	1945730	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5		Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
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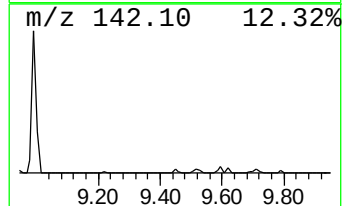
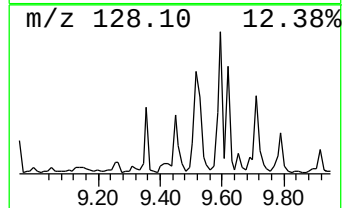
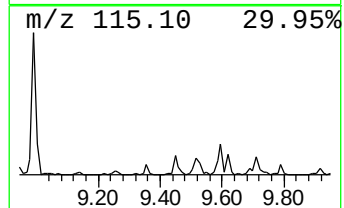
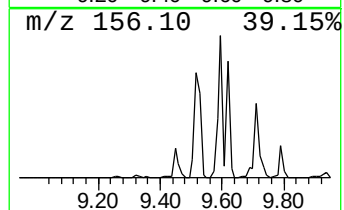
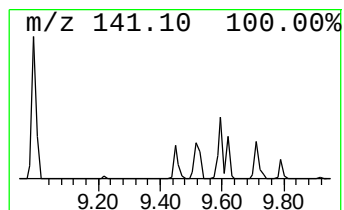
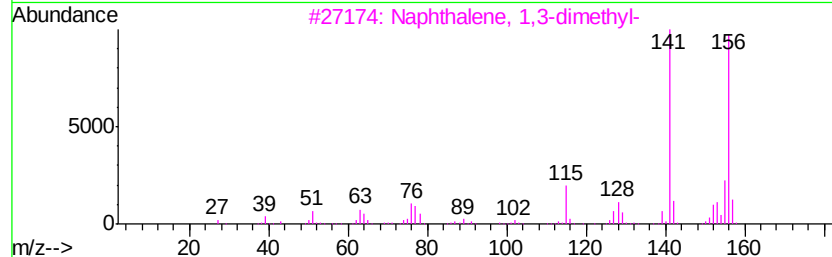
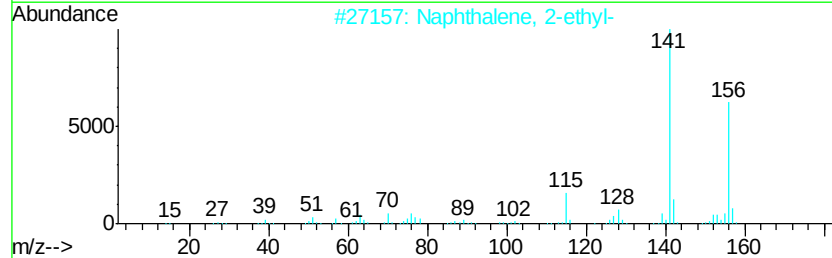
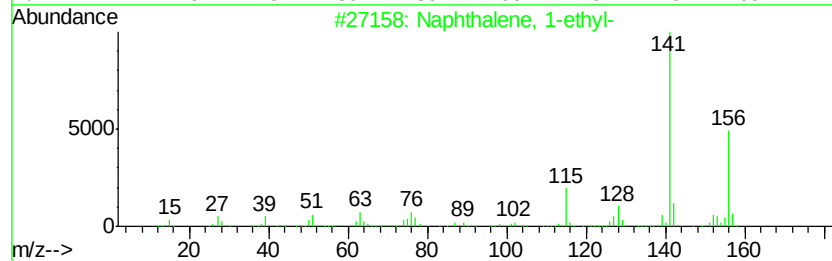
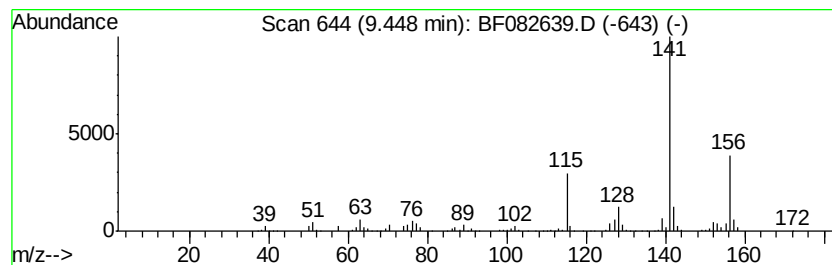
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.45	7.42 ng	845044	Acenaphthene-d10		9.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
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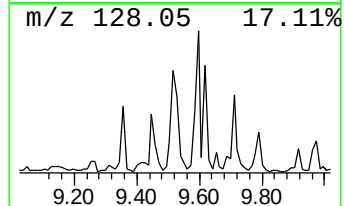
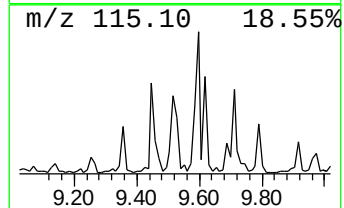
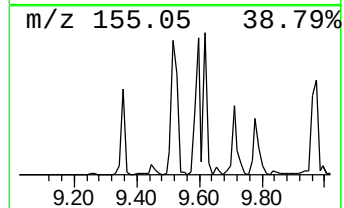
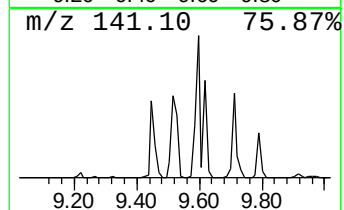
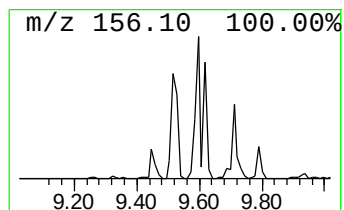
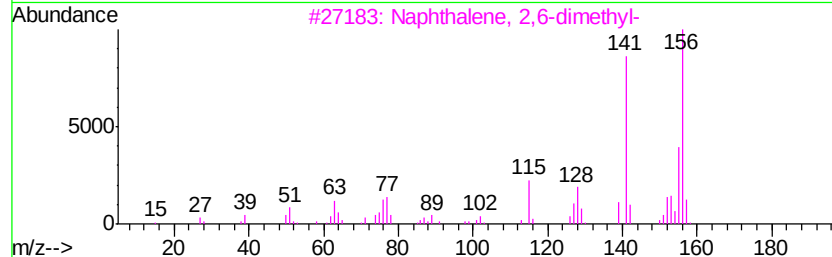
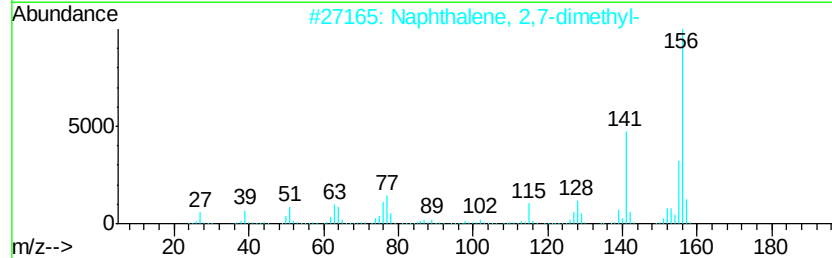
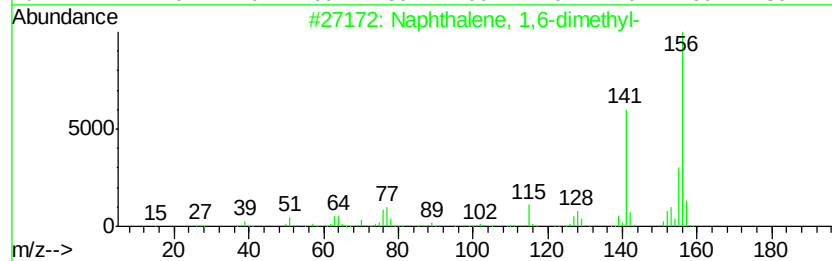
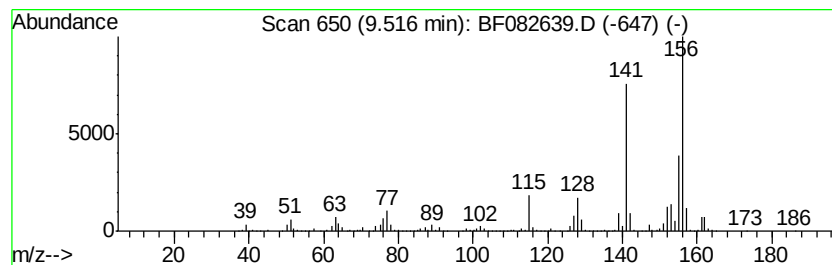
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	18.02 ng	2052410	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
Operator : UM/IZ
Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2

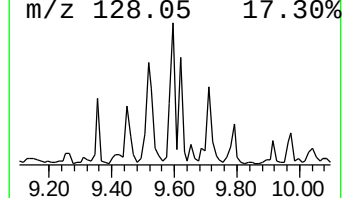
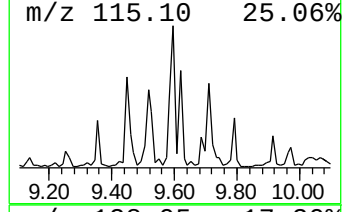
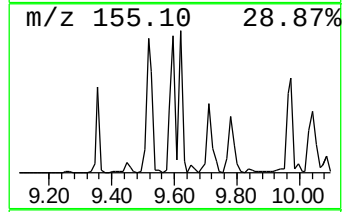
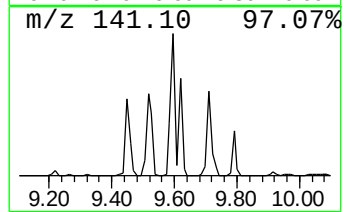
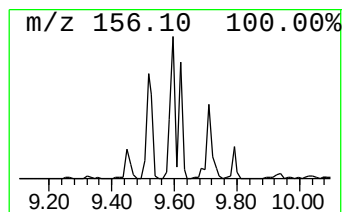
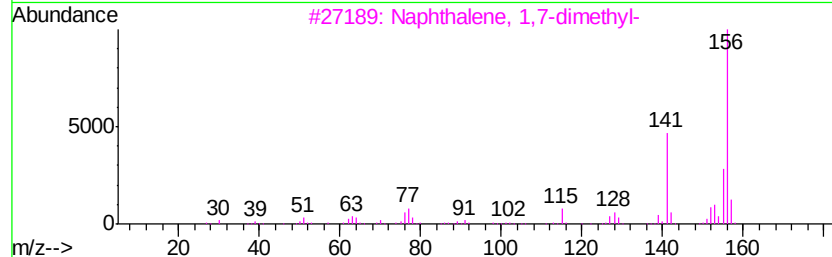
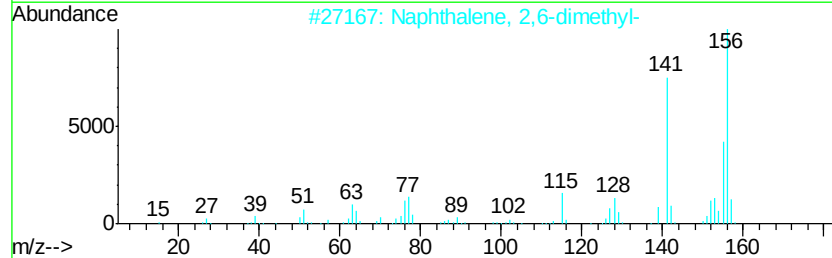
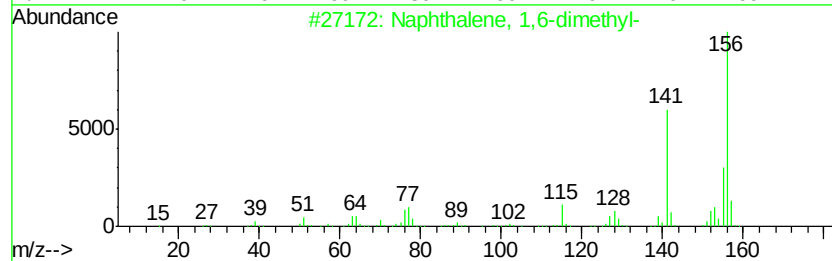
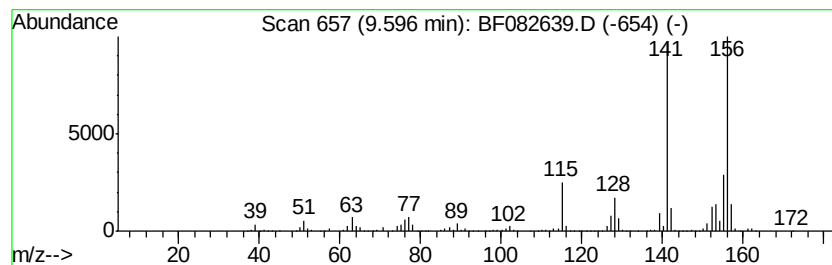
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	19.26 ng	2194390	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
Operator : UM/IZ
Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2

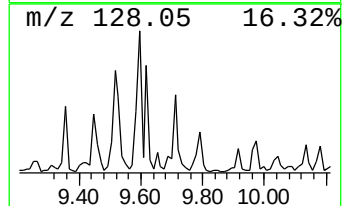
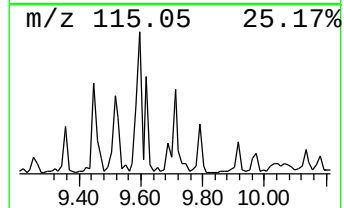
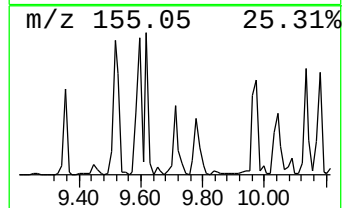
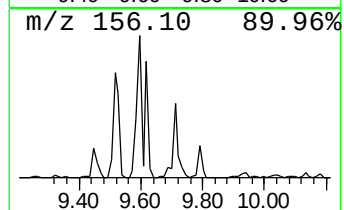
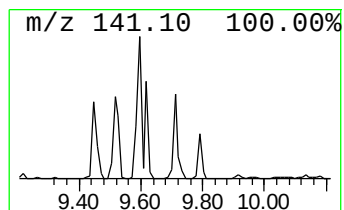
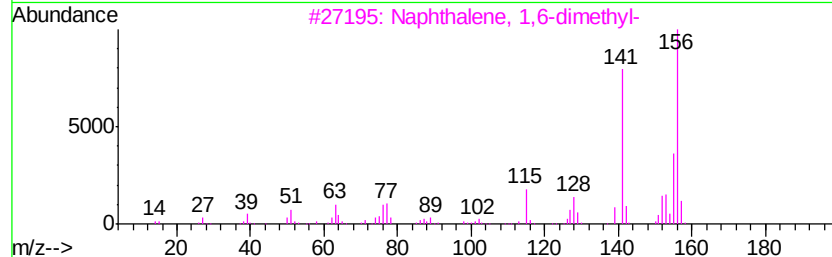
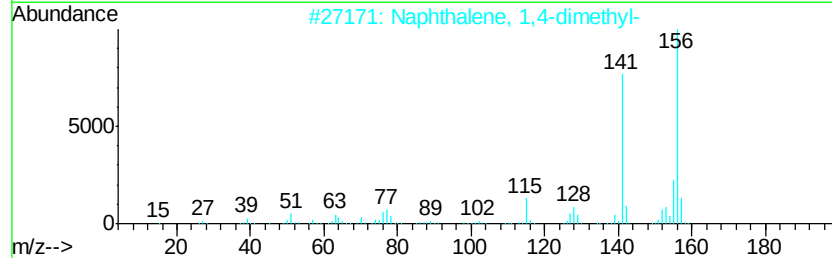
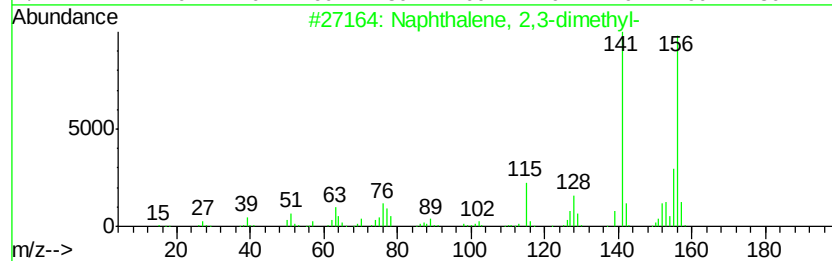
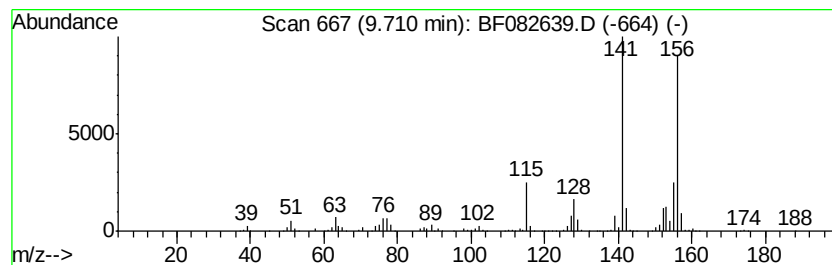
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	12.25 ng	1396040	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
Operator : UM/IZ
Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2

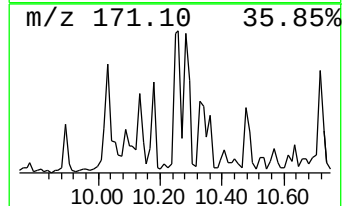
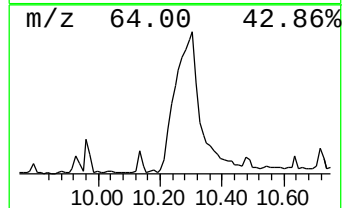
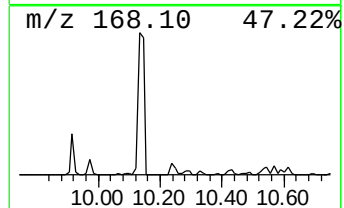
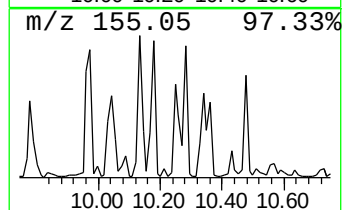
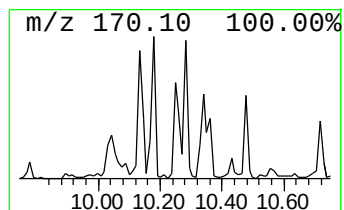
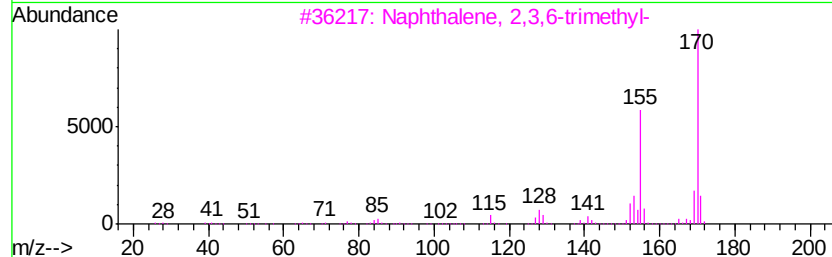
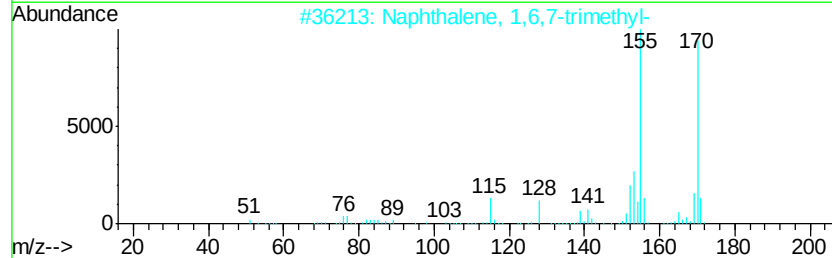
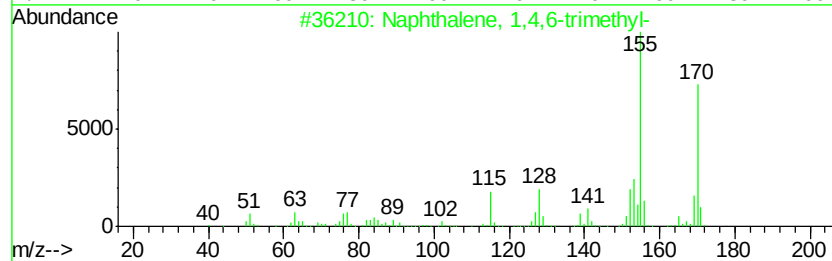
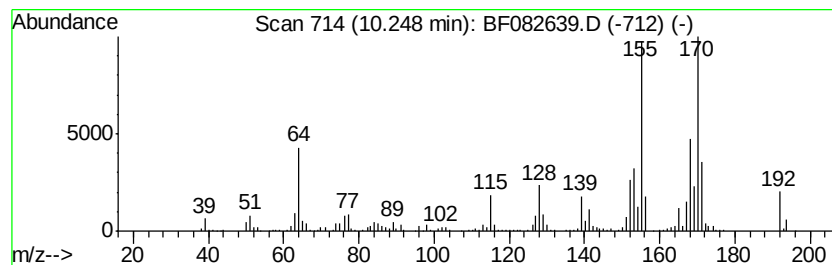
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	8.65 ng	985836	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082639.D
Acq On : 2 Nov 2015 19:06
Operator : UM/IZ
Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

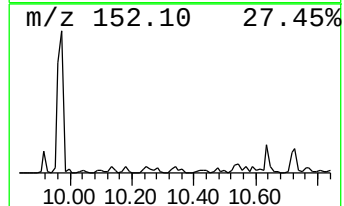
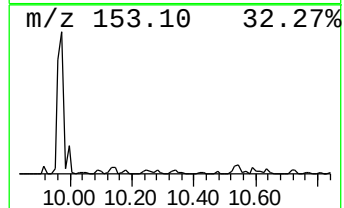
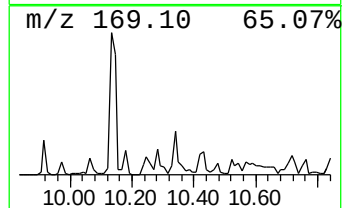
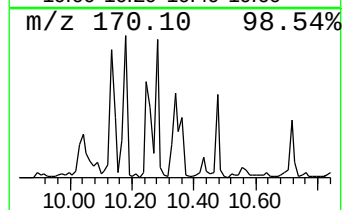
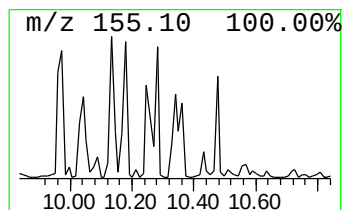
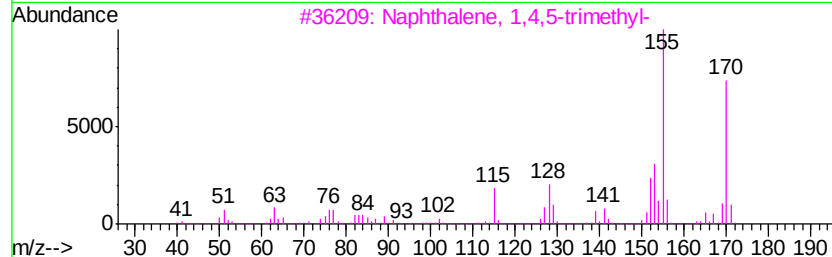
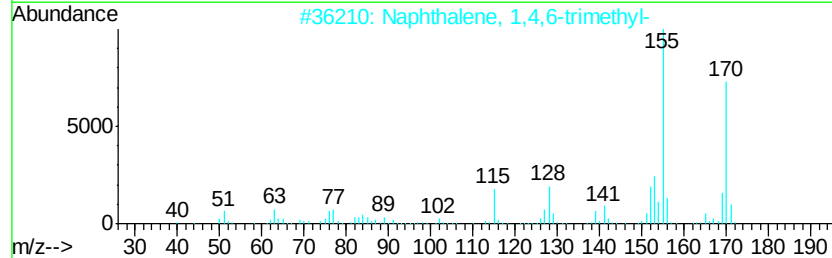
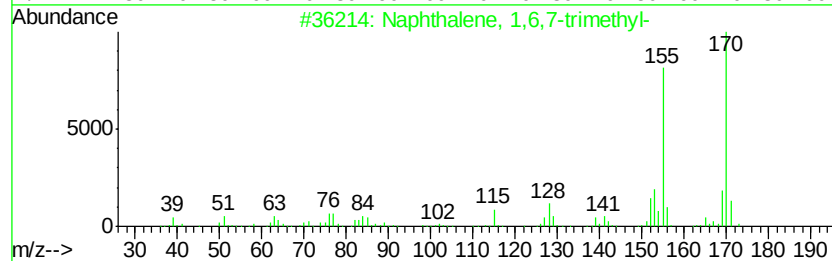
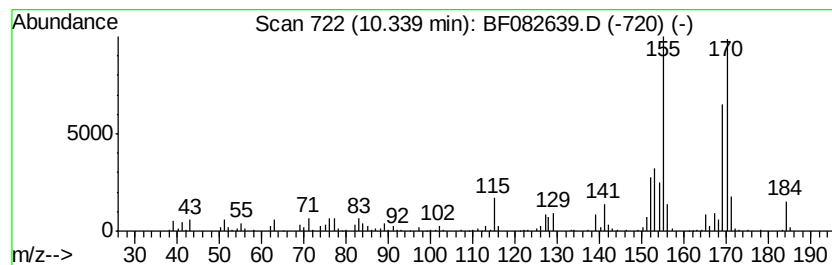
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.34	7.68 ng	874924	Acenaphthene-d10		9.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
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Acq On : 2 Nov 2015 19:06
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Sample : G4234-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

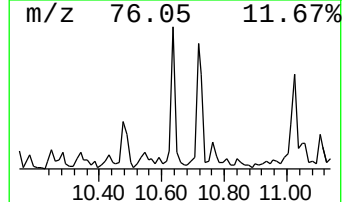
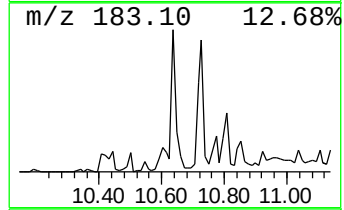
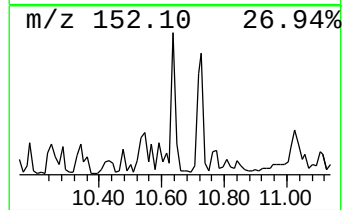
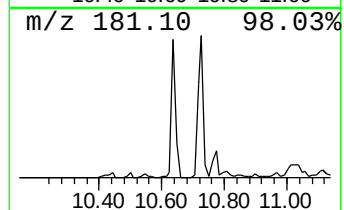
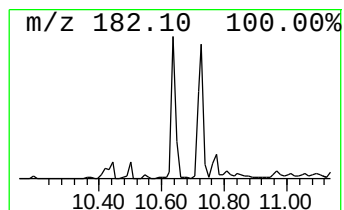
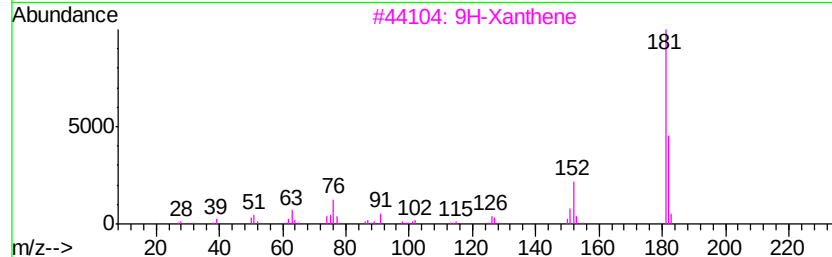
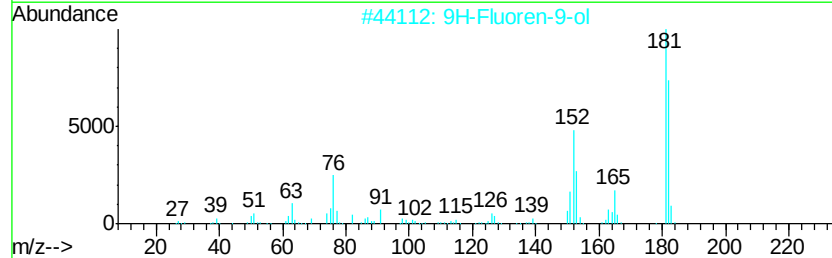
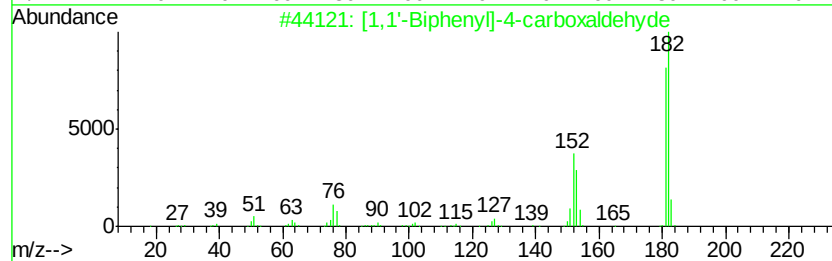
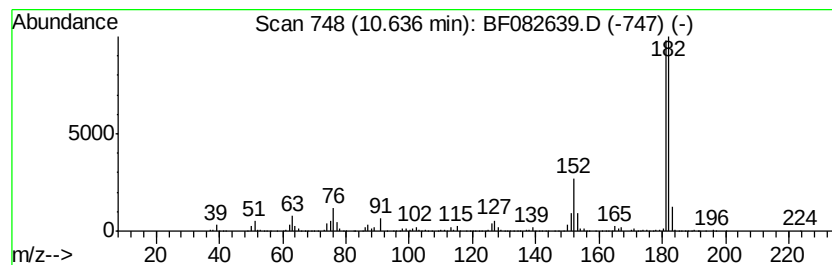
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	10.16 ng	1157960	Acenaphthene-d10		9.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Xanthene	182	C13H10O	000092-83-1	72
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082639.D
 Acq On : 2 Nov 2015 19:06
 Operator : UM/IZ
 Sample : G4234-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.09	85.3	ng	5755120	1	6.89	1348860	20.0
Benzene, 1,3-dime...	5.73	7.3	ng	493215	1	6.89	1348860	20.0
Benzene, 1-ethyl-...	6.42	9.3	ng	630014	1	6.89	1348860	20.0
unknown6.66	6.66	102.1	ng	6888170	1	6.89	1348860	20.0
Benzene, 1,2,3-tr...	6.72	13.9	ng	937980	1	6.89	1348860	20.0
Benzene, 1,3,5-tr...	6.96	8.9	ng	598047	1	6.89	1348860	20.0
Indane	7.07	26.1	ng	1761990	1	6.89	1348860	20.0
Indene	7.15	28.9	ng	1945730	1	6.89	1348860	20.0
Naphthalene, 1-et...	9.45	7.4	ng	845044	3	9.94	2278560	20.0
Naphthalene, 1,6-...	9.52	18.0	ng	2052410	3	9.94	2278560	20.0
Naphthalene, 2,6-...	9.60	19.3	ng	2194390	3	9.94	2278560	20.0
Naphthalene, 2,3-...	9.71	12.3	ng	1396040	3	9.94	2278560	20.0
Naphthalene, 1,4,...	10.25	8.7	ng	985836	3	9.94	2278560	20.0
Naphthalene, 1,6,...	10.34	7.7	ng	874924	3	9.94	2278560	20.0
[1,1'-Biphenyl]-4...	10.64	10.2	ng	1157960	3	9.94	2278560	20.0