

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083285.D
 Acq On : 25 Nov 2015 20:51
 Operator : UM/IZ
 Sample : G4567-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMPOSITE1

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-BF112115.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	4.684	234	236	245	rBV	379198	566849	9.45%	0.561%
2	5.176	277	279	288	rBV	589002	973872	16.23%	0.963%
3	5.370	293	296	303	rBV2	431687	611946	10.20%	0.605%
4	6.250	371	373	380	rVV	1028591	1108425	18.47%	1.097%
5	6.353	380	382	385	rVV	911606	1035821	17.26%	1.025%
6	6.422	385	388	390	rVV2	555600	670269	11.17%	0.663%
7	6.582	400	402	405	rVV	1044995	1026379	17.10%	1.015%
8	6.742	414	416	417	rVV	861920	756625	12.61%	0.749%
9	6.845	423	425	430	rBV	312712	427077	7.12%	0.423%
10	7.153	450	452	456	rVB	747827	783370	13.05%	0.775%
11	7.450	475	478	481	rBV2	172391	326802	5.45%	0.323%
12	7.873	513	515	520	rBV2	1497429	2379850	39.66%	2.354%
13	8.319	552	554	558	rBV2	172437	307228	5.12%	0.304%
14	8.410	558	562	563	rBV3	284815	380432	6.34%	0.376%
15	8.593	575	578	579	rBV	618076	748551	12.47%	0.741%
16	8.685	584	586	590	rVB	897480	860115	14.33%	0.851%
17	8.959	608	610	612	rVB	946877	965418	16.09%	0.955%
18	9.050	615	618	620	rBV	575562	654489	10.91%	0.648%
19	9.119	620	624	625	rBV3	366805	461144	7.68%	0.456%
20	9.153	625	627	629	rVB	196170	334393	5.57%	0.331%
21	9.222	630	633	634	rBV	490028	713969	11.90%	0.706%
22	9.290	637	639	640	rBV	672330	690486	11.51%	0.683%
23	9.313	640	641	643	rVV2	391900	394730	6.58%	0.391%
24	9.359	643	645	647	rVB2	678100	923193	15.38%	0.913%
25	9.405	647	649	654	rVB	368120	491410	8.19%	0.486%
26	9.485	654	656	659	rBV	1913069	1713789	28.56%	1.696%
27	9.622	666	668	670	rBV	1545016	1575592	26.26%	1.559%
28	9.656	670	671	673	rVB	1335522	987806	16.46%	0.977%
29	9.736	676	678	680	rBV	265393	370534	6.17%	0.367%
30	9.828	680	686	688	rBV6	384947	944405	15.74%	0.934%
31	9.873	688	690	691	rVB	324344	329739	5.49%	0.326%
32	9.942	694	696	697	rBV	499950	668841	11.15%	0.662%
33	10.022	702	703	706	rBV2	248571	514001	8.57%	0.509%
34	10.079	706	708	709	rVV	472874	481682	8.03%	0.477%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.136	709	713	714	rVV2	312401	553597	9.23%	0.548%
36	10.171	714	716	719	rVV	868159	1127710	18.79%	1.116%
37	10.216	719	720	724	rVV2	343906	798485	13.31%	0.790%
38	10.296	724	727	729	rVV3	515721	1020586	17.01%	1.010%
39	10.342	729	731	733	rVV3	190375	382149	6.37%	0.378%
40	10.411	733	737	739	rVB2	791023	1037364	17.29%	1.026%
41	10.559	746	750	752	rBV2	471021	1001494	16.69%	0.991%
42	10.719	761	764	765	rVV2	419620	731007	12.18%	0.723%
43	10.799	768	771	773	rVV4	302175	483527	8.06%	0.478%
44	10.868	775	777	780	rVV3	255676	444955	7.41%	0.440%
45	10.993	786	788	789	rBV	687726	558177	9.30%	0.552%
46	11.028	789	791	794	rVB2	359857	479966	8.00%	0.475%
47	11.119	795	799	802	rBV	2663594	4958896	82.64%	4.906%
48	11.176	802	804	806	rVB	1466677	1397108	23.28%	1.382%
49	11.211	806	807	809	rBV2	238602	384057	6.40%	0.380%
50	11.394	820	823	824	rVV2	220823	429540	7.16%	0.425%
51	11.428	824	826	828	rVB2	486292	564514	9.41%	0.558%
52	11.508	831	833	835	rVB2	321488	447864	7.46%	0.443%
53	11.599	839	841	842	rVV	1356907	1273380	21.22%	1.260%
54	11.634	842	844	845	rVV	1134860	1480939	24.68%	1.465%
55	11.679	845	848	849	rVV	560661	734126	12.23%	0.726%
56	11.714	849	851	856	rVB2	2185534	3505642	58.42%	3.468%
57	11.828	859	861	863	rVV3	325135	403364	6.72%	0.399%
58	11.896	863	867	868	rVV2	719531	1002722	16.71%	0.992%
59	11.988	872	875	877	rVV4	166947	418710	6.98%	0.414%
60	12.045	879	880	881	rVV	359381	355681	5.93%	0.352%
61	12.079	881	883	887	rVV3	393481	848941	14.15%	0.840%
62	12.148	887	889	891	rVV	1053552	1530230	25.50%	1.514%
63	12.182	891	892	895	rVV	851301	1432724	23.88%	1.417%
64	12.239	895	897	901	rVV3	807915	1616217	26.93%	1.599%
65	12.308	901	903	906	rVV	3792914	3789466	63.15%	3.749%
66	12.354	906	907	909	rVV2	294933	509212	8.49%	0.504%
67	12.399	909	911	913	rVV	898212	965092	16.08%	0.955%
68	12.445	913	915	916	rVV2	421284	567256	9.45%	0.561%
69	12.537	920	923	925	rVV	5160952	6000812	100.00%	5.937%
70	12.594	926	928	930	rVV2	239800	376036	6.27%	0.372%
71	12.685	934	936	939	rVV	951824	1291590	21.52%	1.278%

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72	12.754	939	942	945	rVV	738479	1045896	17.43%	1.035%
73	12.857	948	951	953	rVB	1078936	1981937	33.03%	1.961%
74	12.925	953	957	959	rBV	925053	1143358	19.05%	1.131%
75	12.959	959	960	964	rVV	1012092	1116805	18.61%	1.105%
76	13.051	966	968	970	rVV	1050405	1268024	21.13%	1.254%
77	13.085	970	971	973	rVB	971543	759978	12.66%	0.752%
78	13.268	982	987	991	rBV4	294517	872564	14.54%	0.863%
79	13.371	991	996	998	rVB3	265997	665159	11.08%	0.658%
80	13.474	1002	1005	1006	rBV2	395888	701421	11.69%	0.694%
81	13.714	1023	1026	1028	rBV2	2474335	3973618	66.22%	3.931%
82	13.748	1028	1029	1033	rVV	1943254	1931700	32.19%	1.911%
83	13.862	1037	1039	1044	rVB4	329843	607877	10.13%	0.601%
84	14.114	1058	1061	1062	rVV	493574	628781	10.48%	0.622%
85	14.137	1062	1063	1065	rVB	254292	329549	5.49%	0.326%
86	14.205	1065	1069	1070	rBV3	276539	514247	8.57%	0.509%
87	14.251	1070	1073	1075	rVB3	410201	821202	13.68%	0.812%
88	14.720	1111	1114	1119	rBV	1264575	2400004	39.99%	2.374%
89	14.800	1119	1121	1124	rVB	398786	494974	8.25%	0.490%
90	14.971	1134	1136	1138	rBV	964721	1094197	18.23%	1.083%
91	15.028	1138	1141	1143	rVV	1397159	1918167	31.97%	1.898%
92	15.074	1143	1145	1151	rVB2	897434	1505297	25.08%	1.489%
93	15.257	1156	1161	1164	rVB4	144783	464753	7.74%	0.460%
94	15.543	1185	1186	1189	rVB2	226804	274105	4.57%	0.271%
95	16.011	1225	1227	1235	rVB4	114864	324153	5.40%	0.321%
96	16.297	1249	1252	1256	rVB2	612241	1077510	17.96%	1.066%
97	16.663	1281	1284	1291	rVB	546628	1073064	17.88%	1.062%
98	16.857	1298	1301	1308	rVB	129418	277605	4.63%	0.275%
99	18.503	1442	1445	1452	rVB	115401	395763	6.60%	0.392%
100	19.509	1529	1533	1541	rVB2	91609	334036	5.57%	0.330%

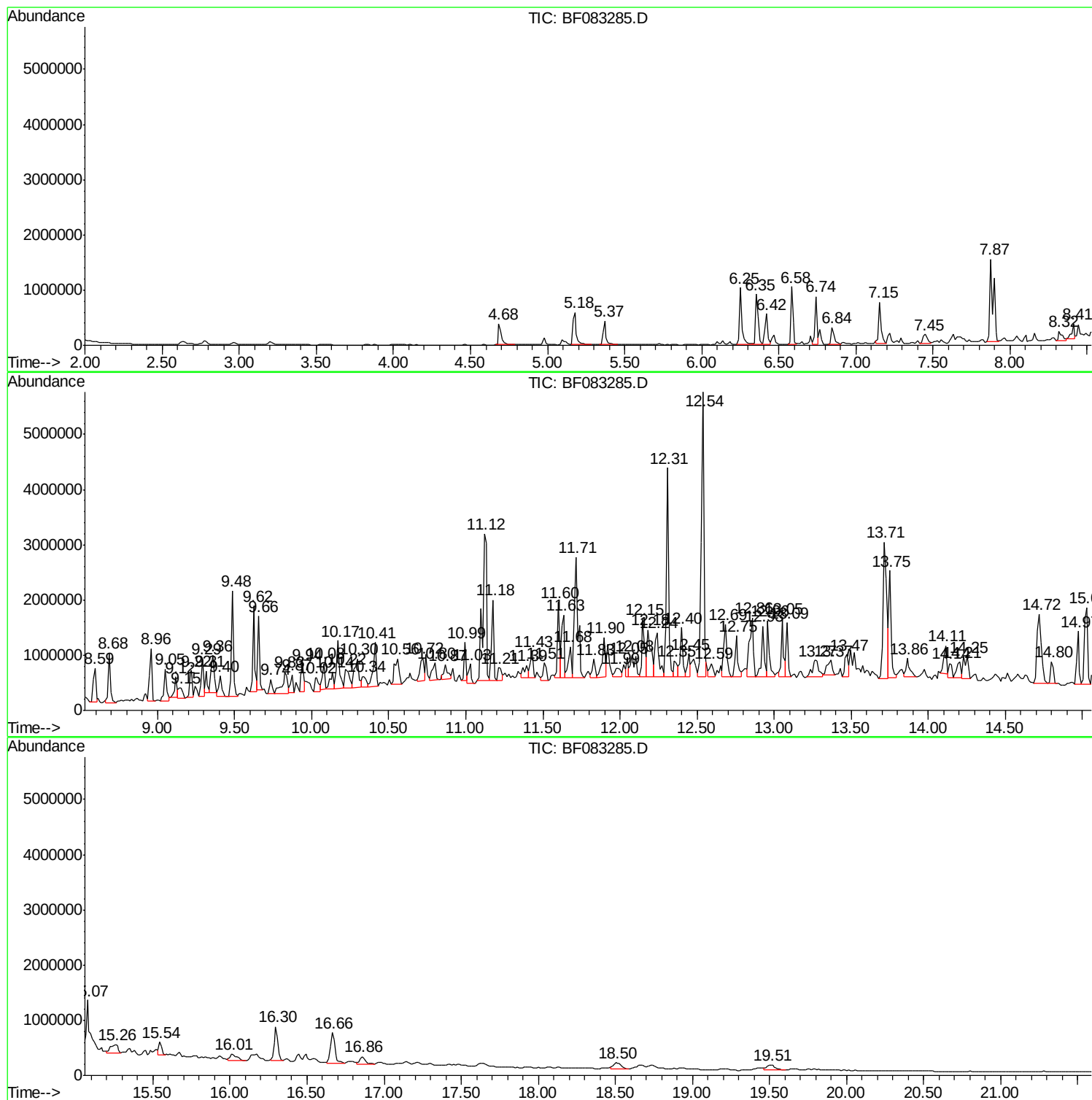
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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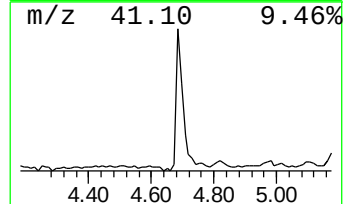
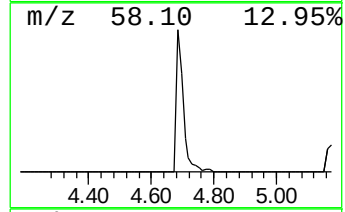
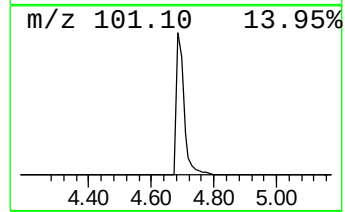
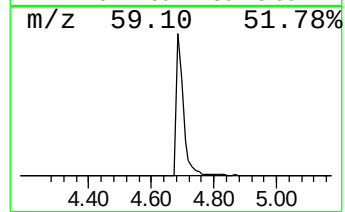
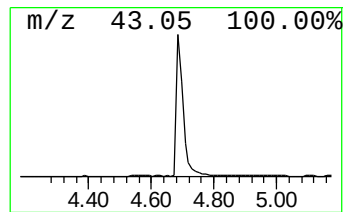
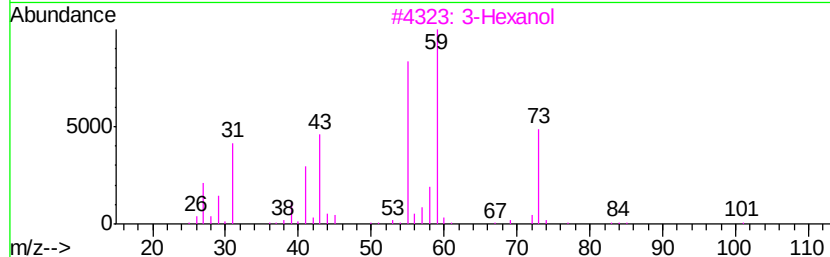
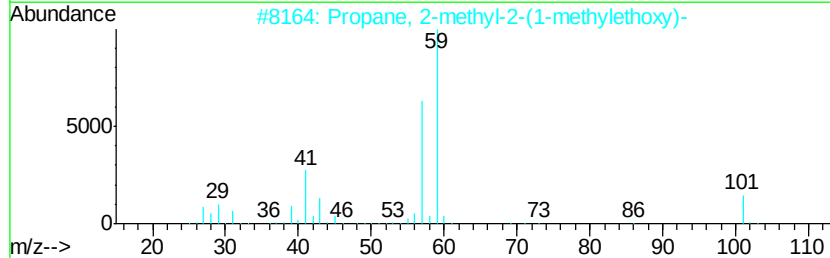
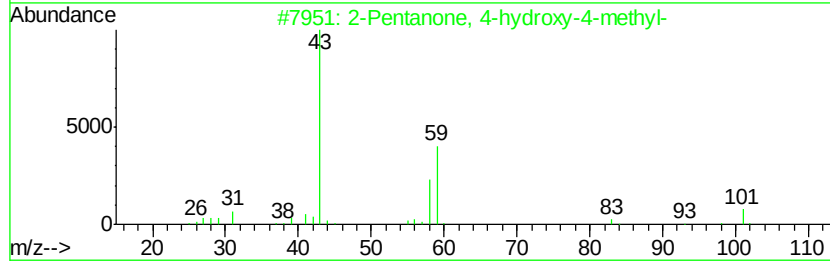
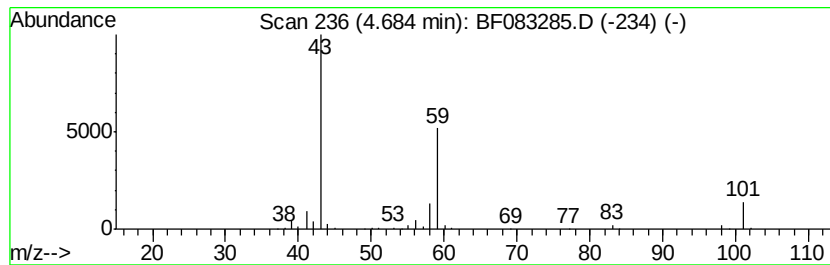
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	11.05 ng	566849	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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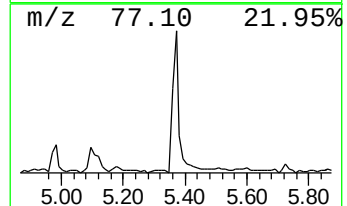
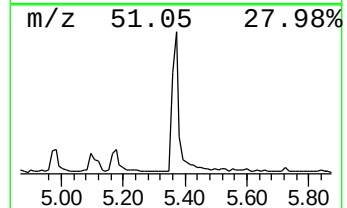
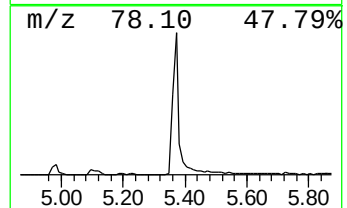
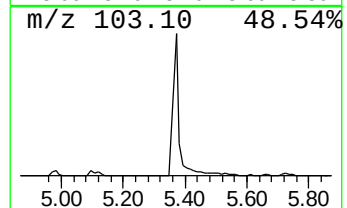
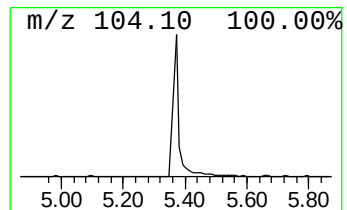
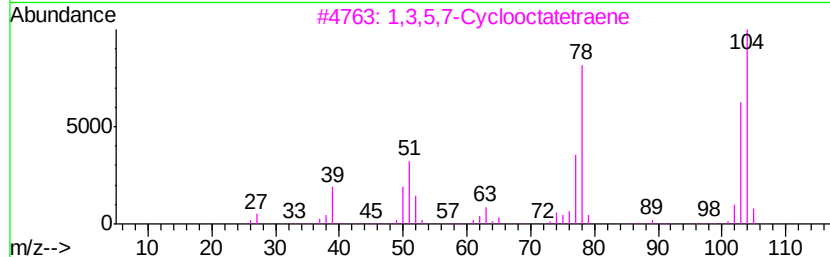
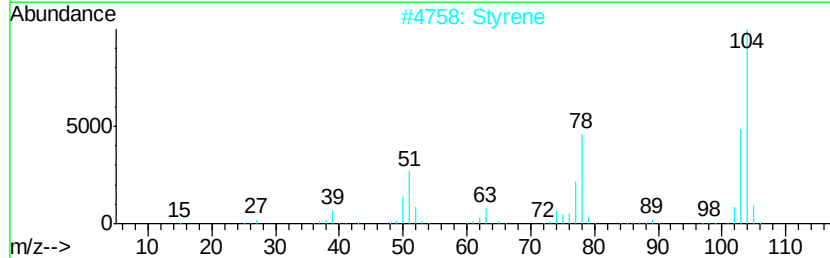
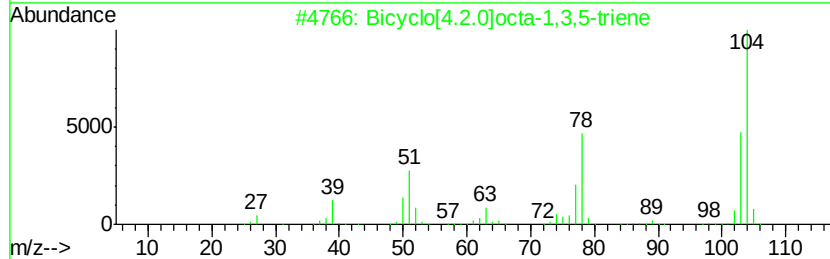
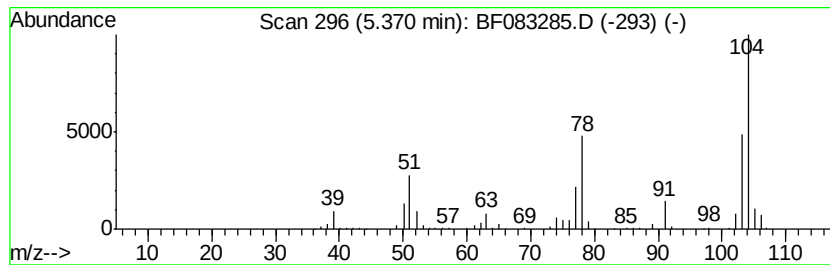
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	11.92 ng	611946	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2		Styrene	104	C8H8	000100-42-5	96
3		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5		Benzoic acid, 2-phenylethyl ester	226	C15H14O2	000094-47-3	37



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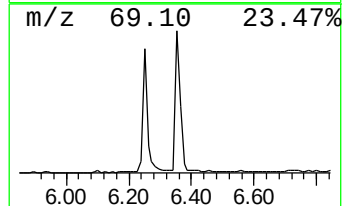
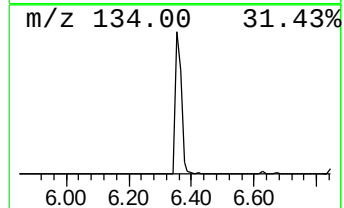
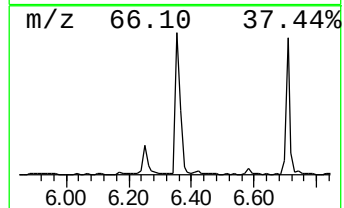
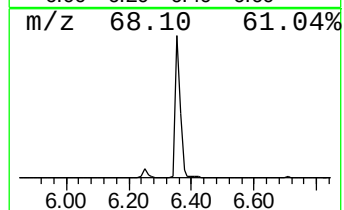
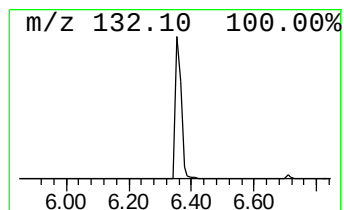
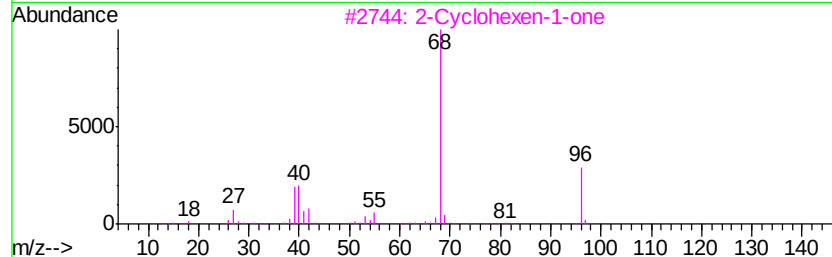
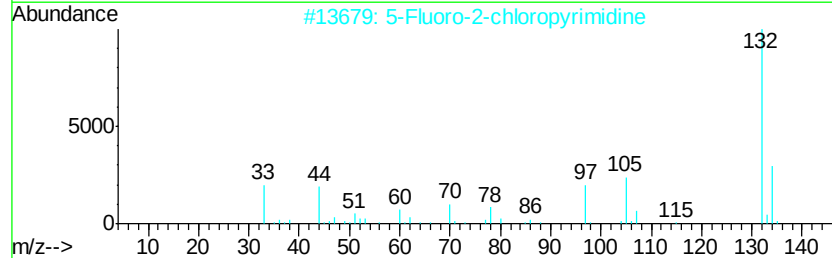
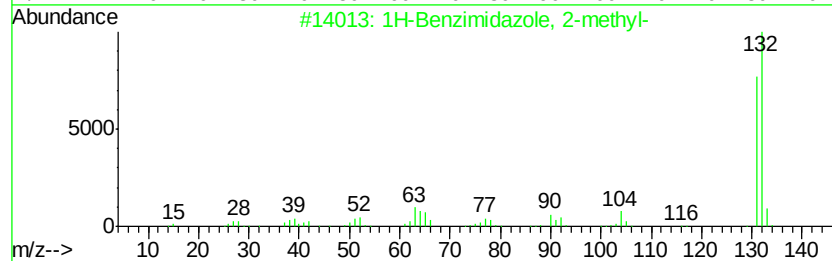
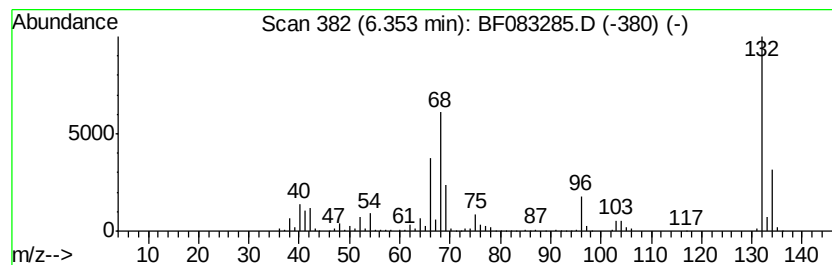
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	20.18 ng	1035820	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE1

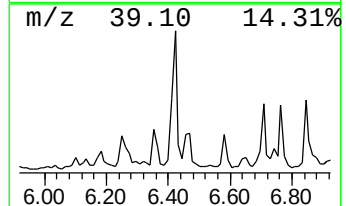
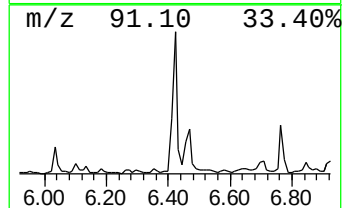
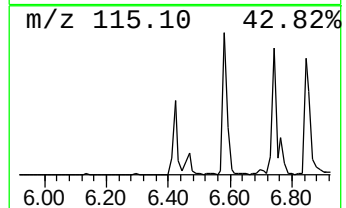
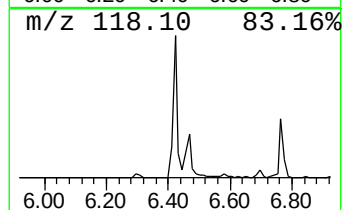
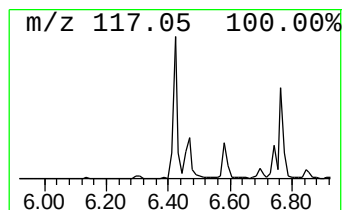
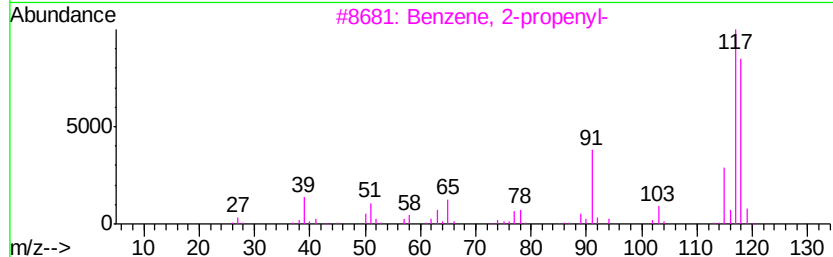
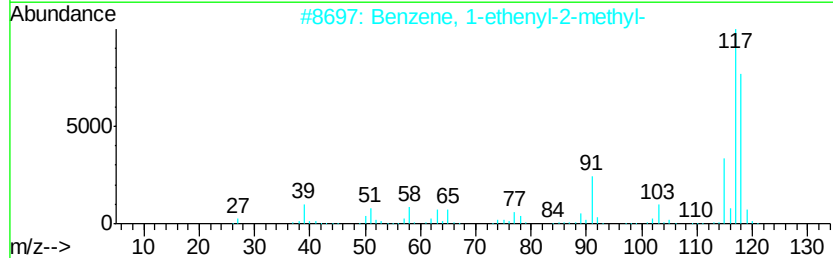
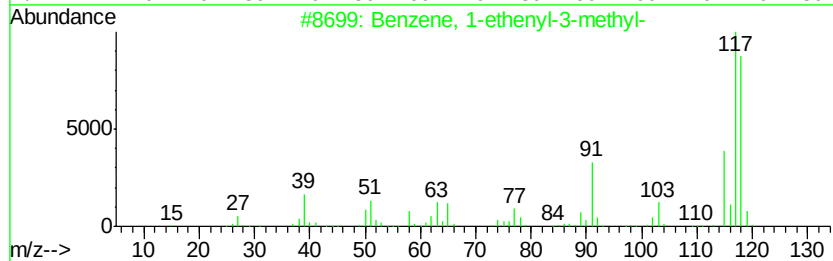
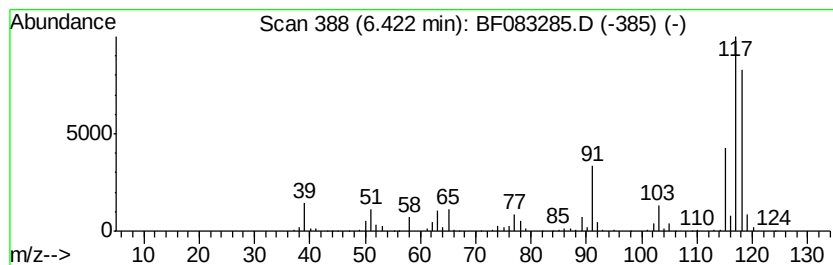
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	13.06 ng	670269	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE1

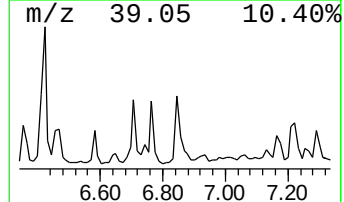
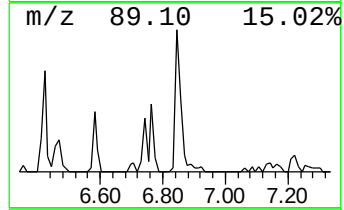
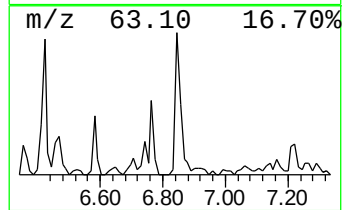
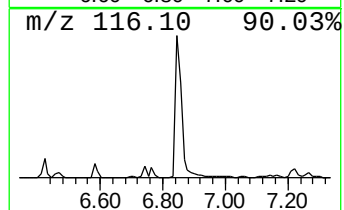
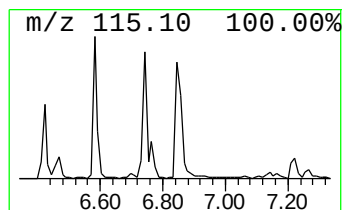
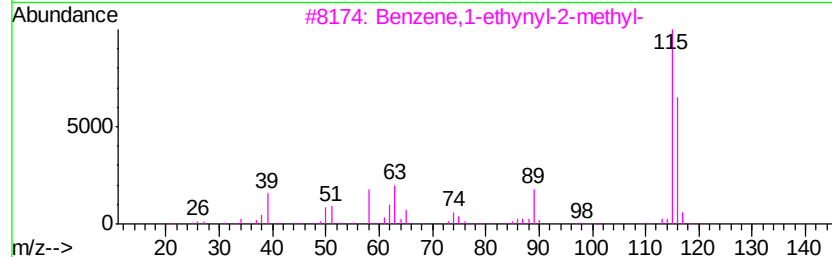
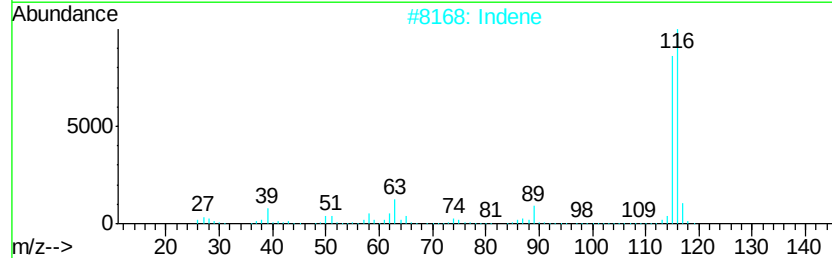
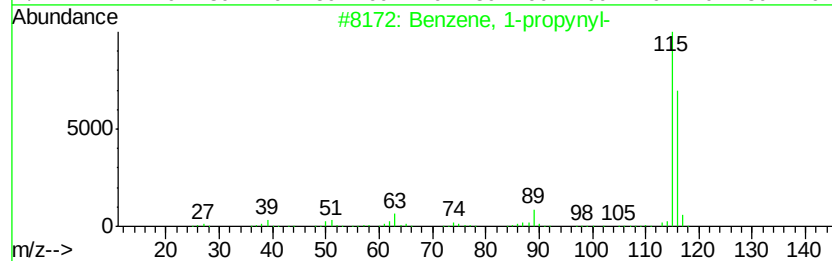
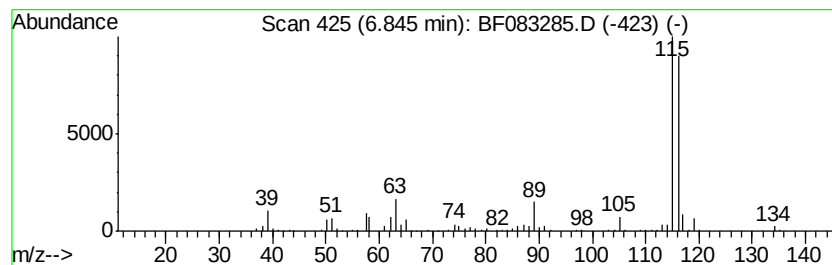
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	8.32 ng	427077	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
2			Indene	116	C9H8	000095-13-6	90
3			Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	90
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
STOCKPILE-COMPOSITE1

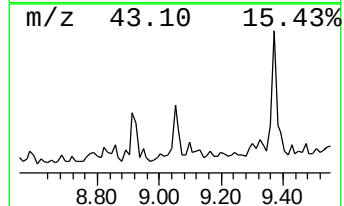
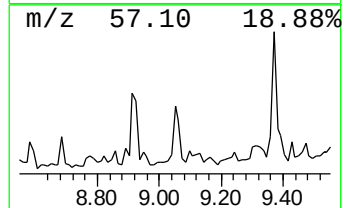
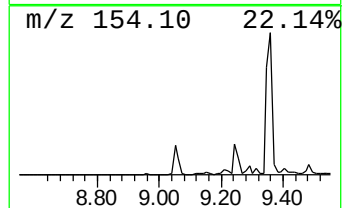
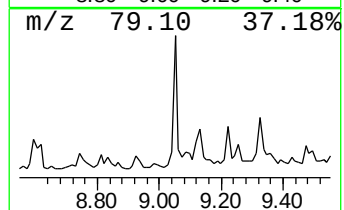
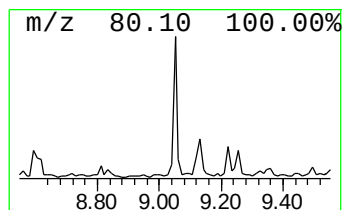
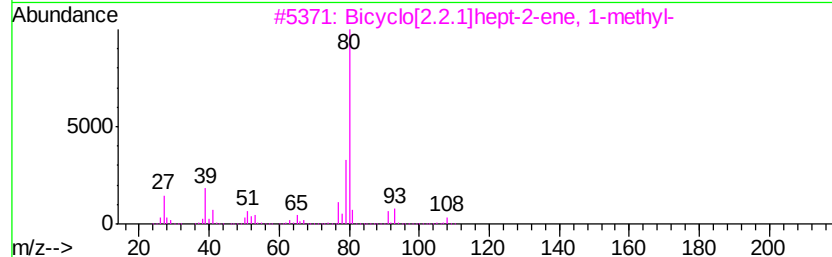
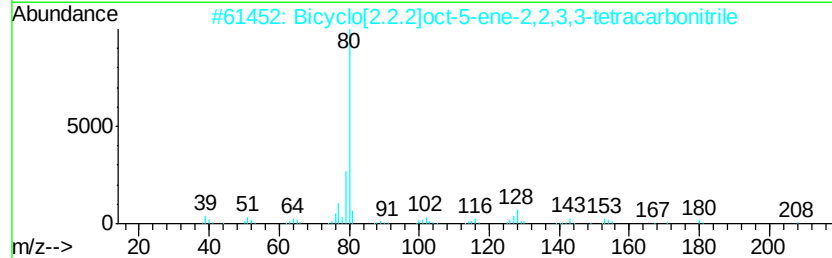
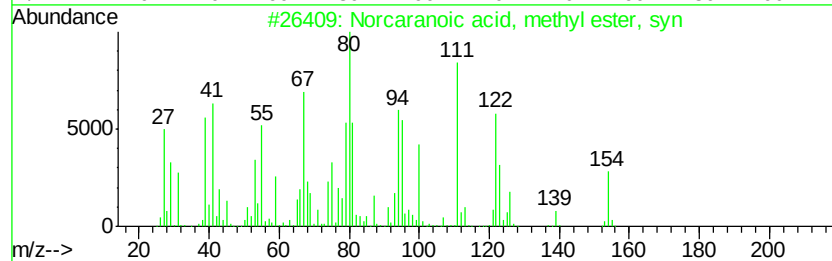
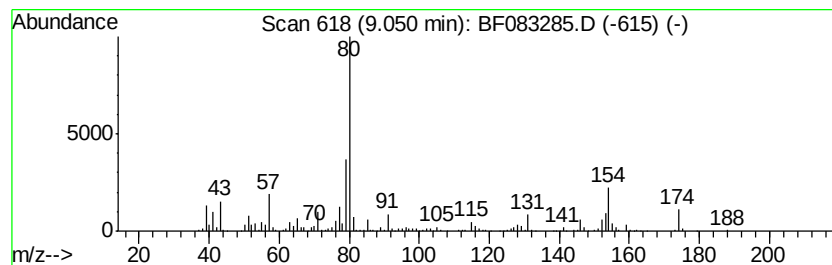
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Norcaranoic acid, methyl es... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	8.31 ng	654489	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Norcaranoic acid, methyl ester, syn	154	C9H14O2	1000149-95-1	78
2		Bicyclo[2.2.2]oct-5-ene-2,2,3,3-...	208	C12H8N4	001017-93-2	78
3		Bicyclo[2.2.1]hept-2-ene, 1-methyl-	108	C8H12	000822-73-1	72
4		3-Oxabicyclo[3.3.0]octan-2-one, ...	138	C8H10O2	1000152-82-0	72
5		Bicyclo[3.2.0]hept-2-ene, 2-methyl-	108	C8H12	094122-58-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
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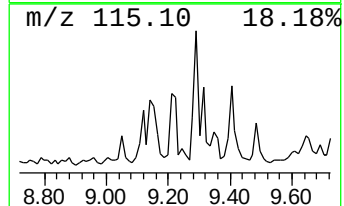
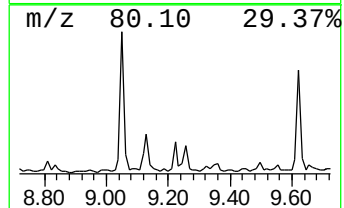
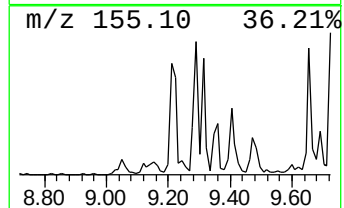
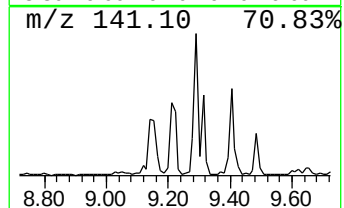
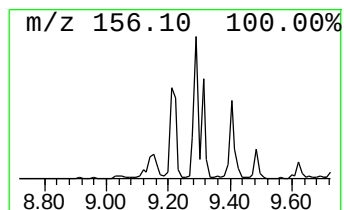
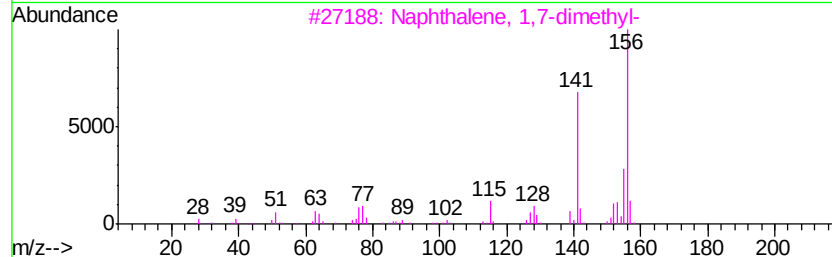
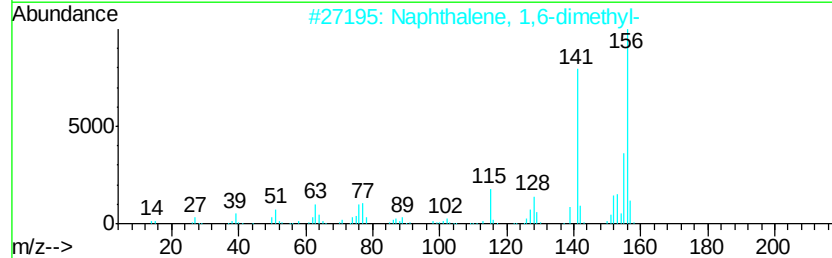
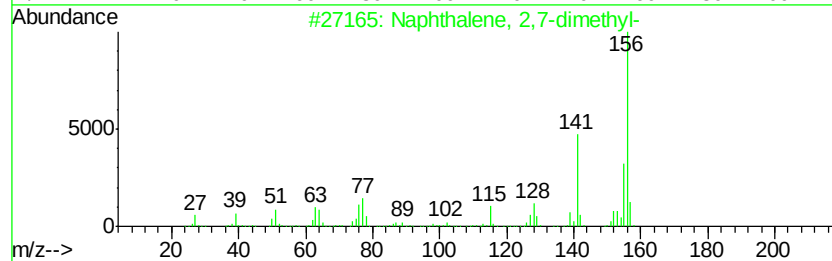
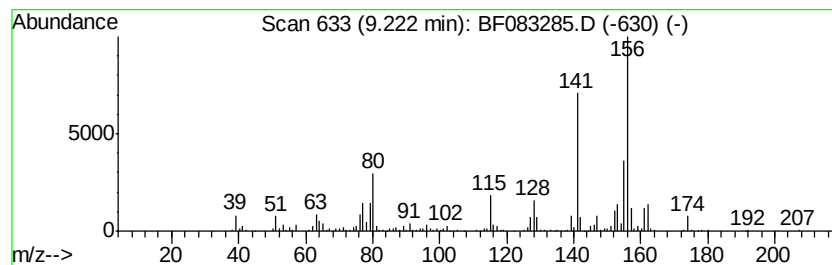
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.22	9.06 ng	713969	Acenaphthene-d10		9.62
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
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Misc :
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STOCKPILE-COMPOSITE1

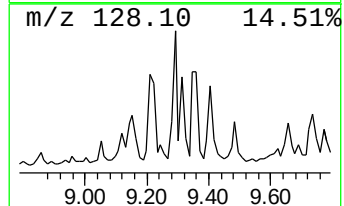
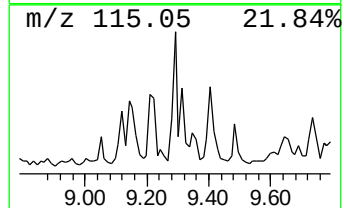
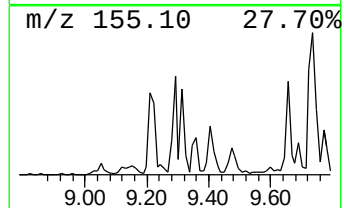
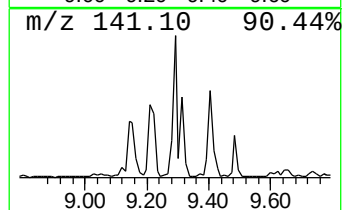
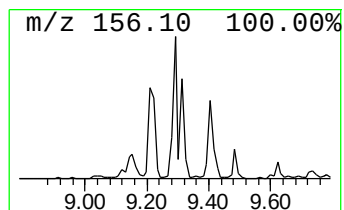
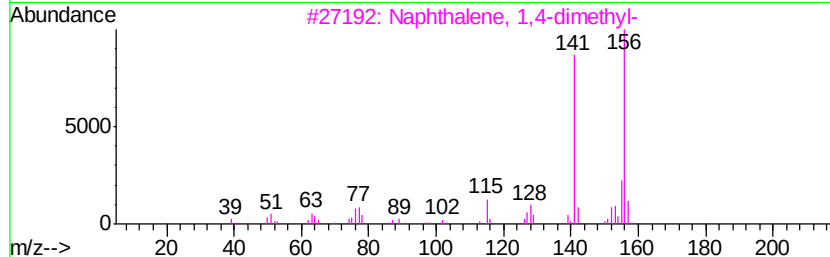
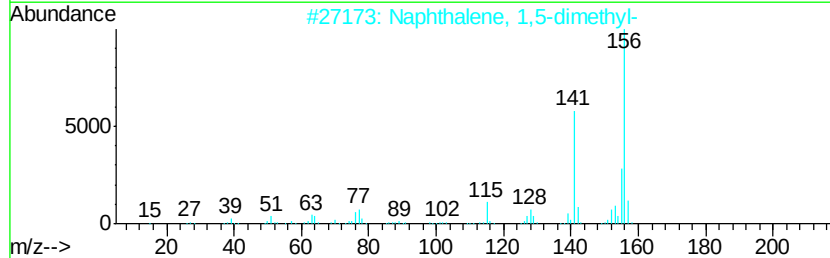
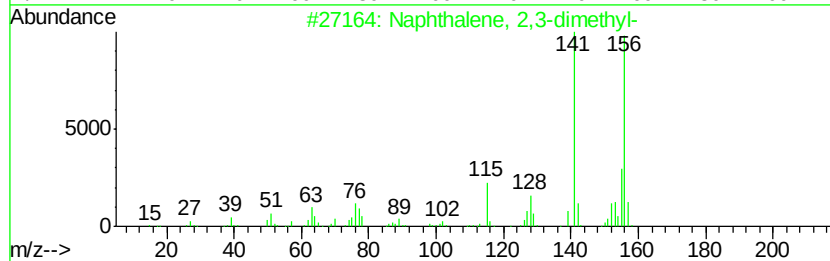
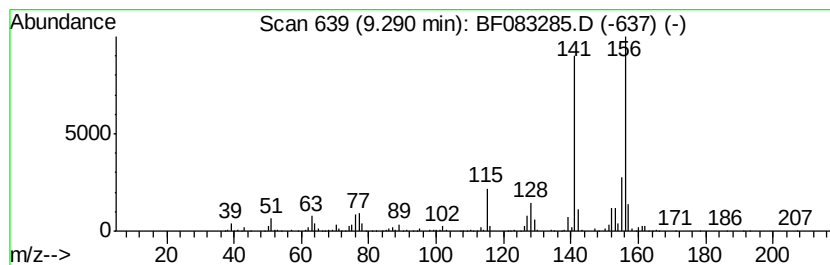
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	8.76 ng	690486	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMPOSITE1

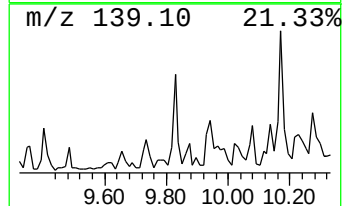
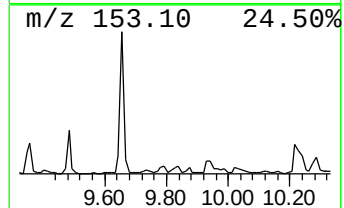
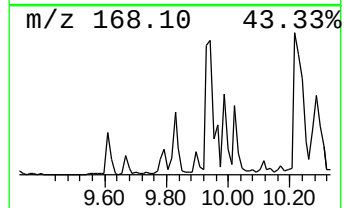
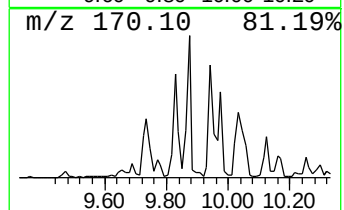
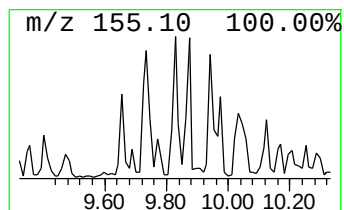
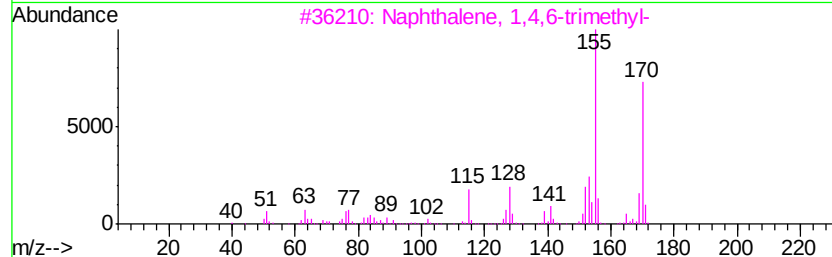
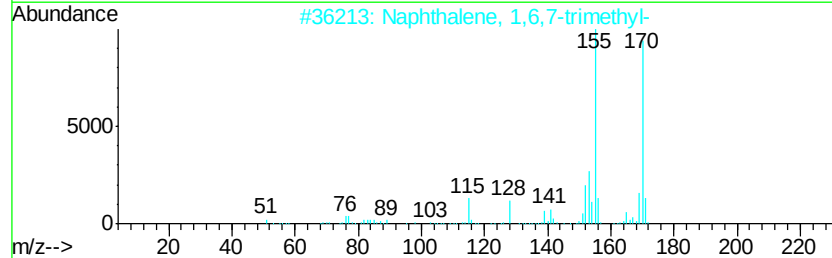
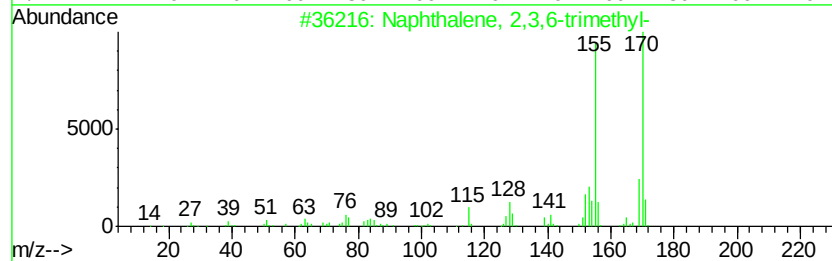
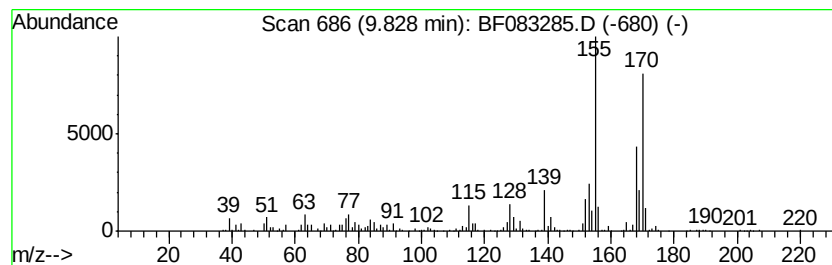
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	11.99 ng	944405	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	68
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
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STOCKPILE-COMPOSITE1

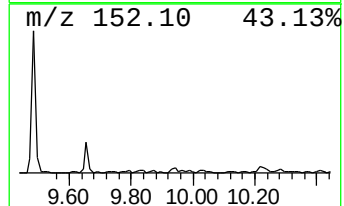
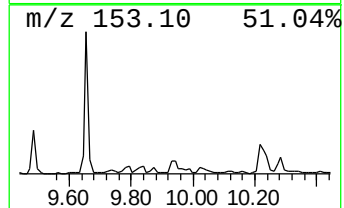
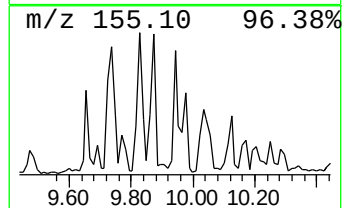
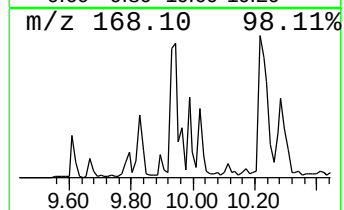
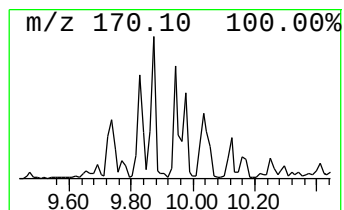
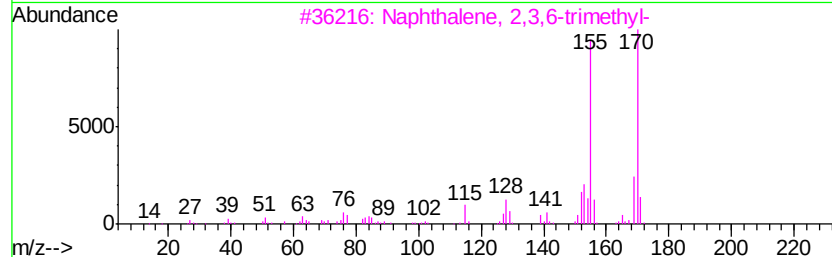
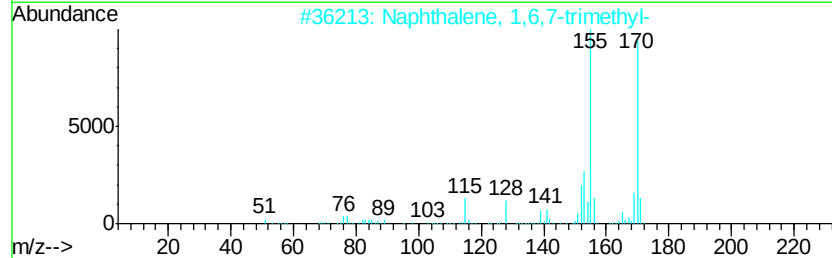
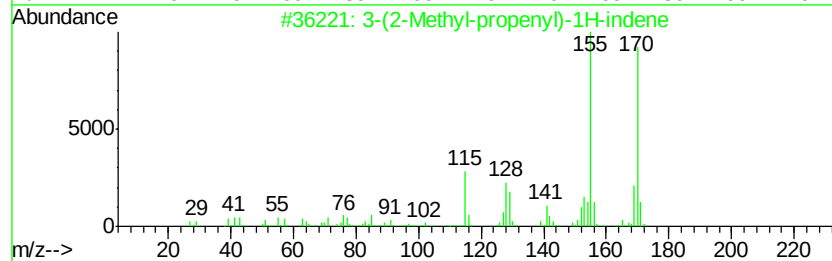
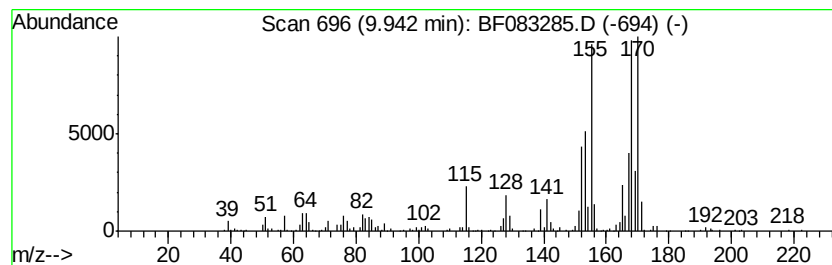
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	8.49 ng	668841	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

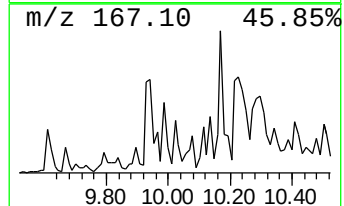
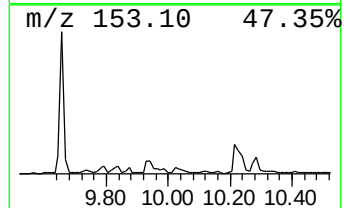
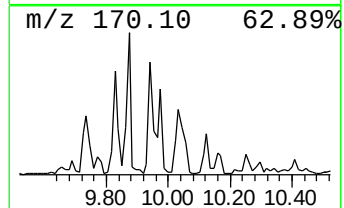
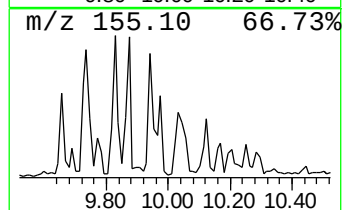
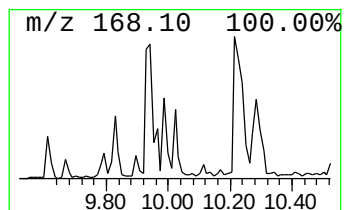
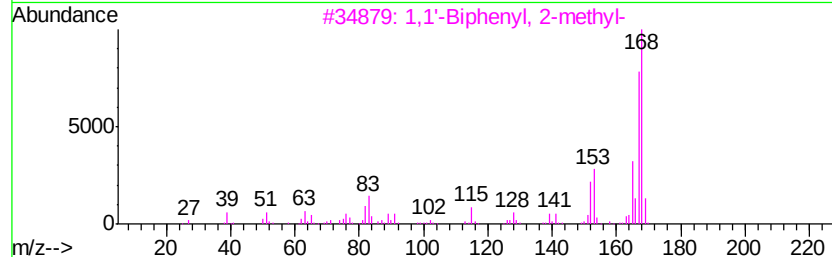
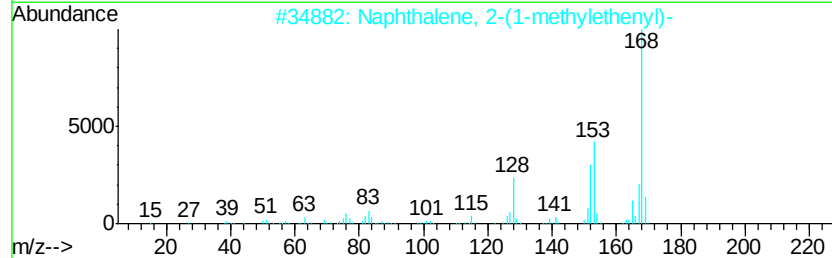
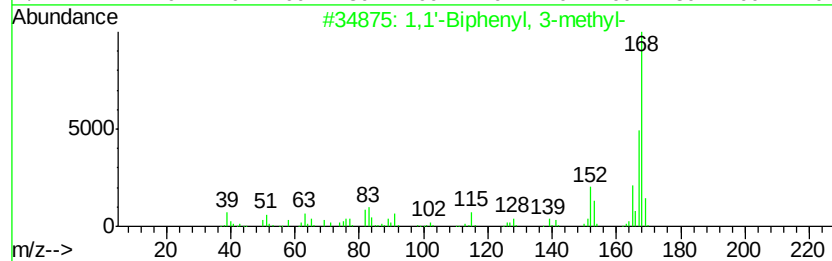
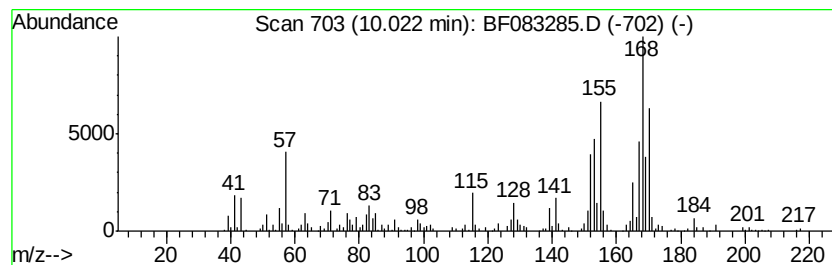
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.02	6.52 ng	514001	Acenaphthene-d10	9.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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Sample : G4567-01 5X
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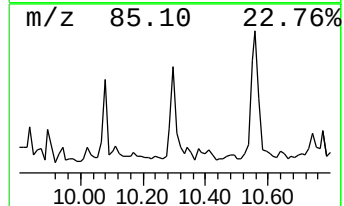
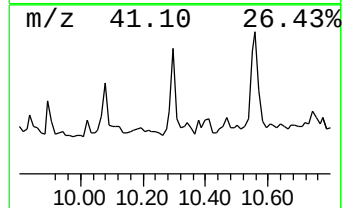
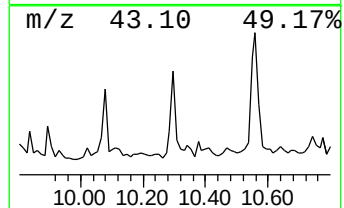
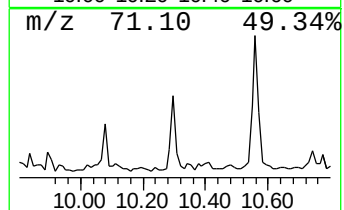
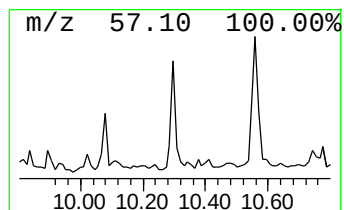
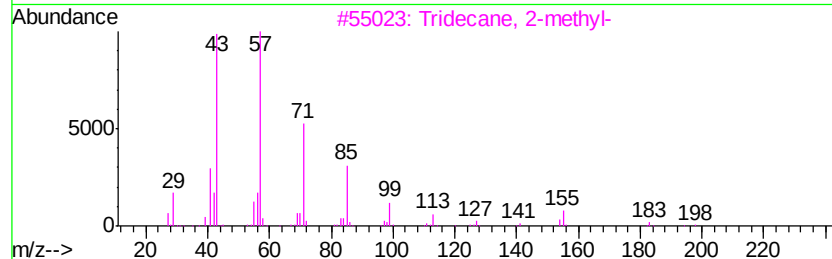
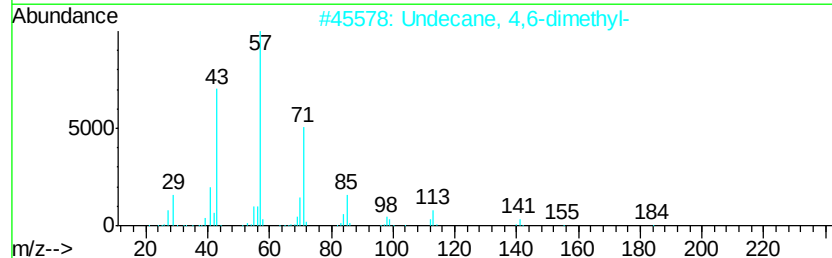
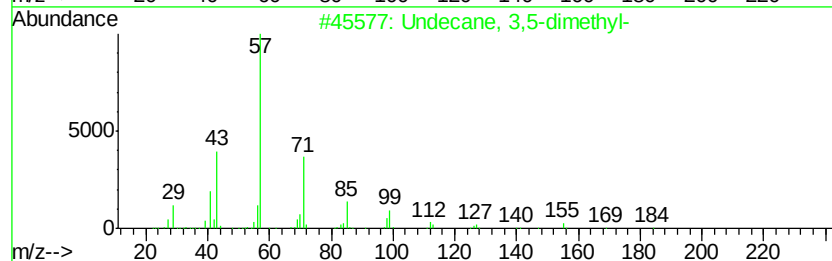
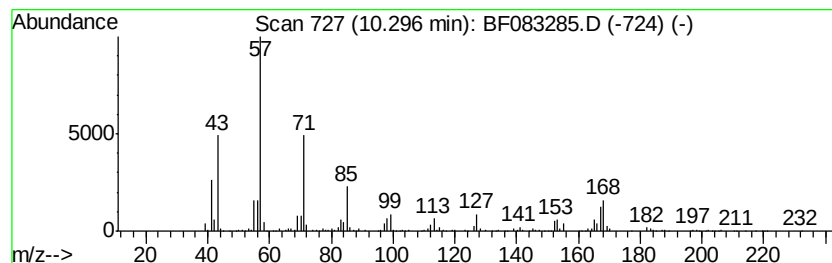
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	12.96 ng	1020590	Acenaphthene-d10	9.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	60
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	52
4	Heptacosane	380	C27H56	000593-49-7	52
5	Eicosane	282	C20H42	000112-95-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083285.D
Acq On : 25 Nov 2015 20:51
Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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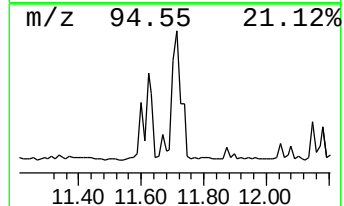
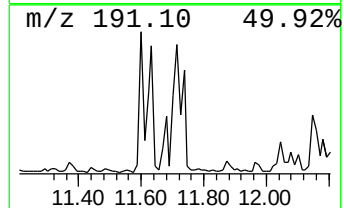
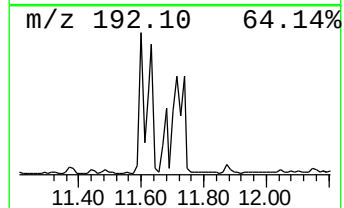
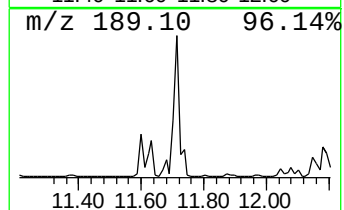
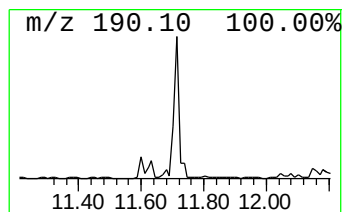
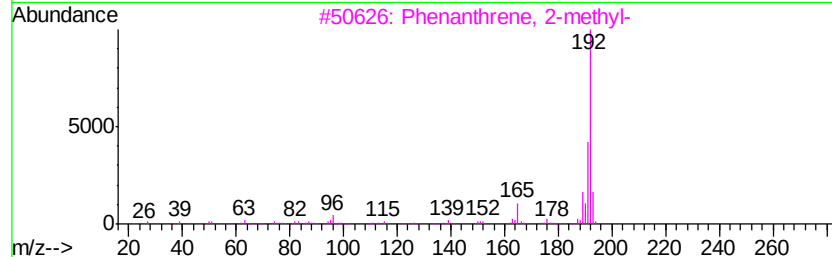
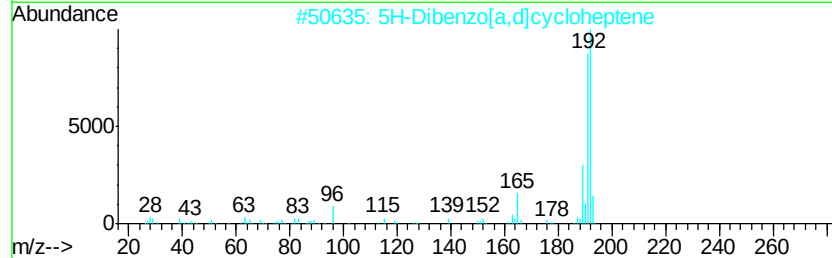
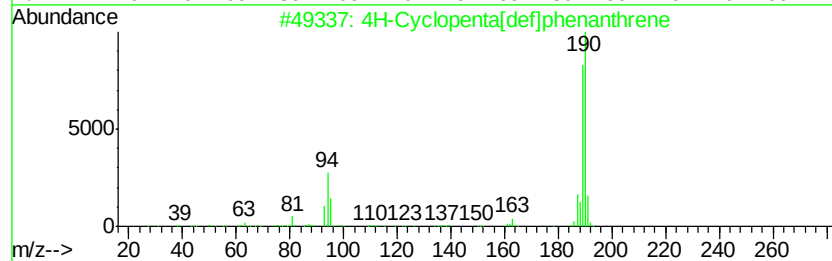
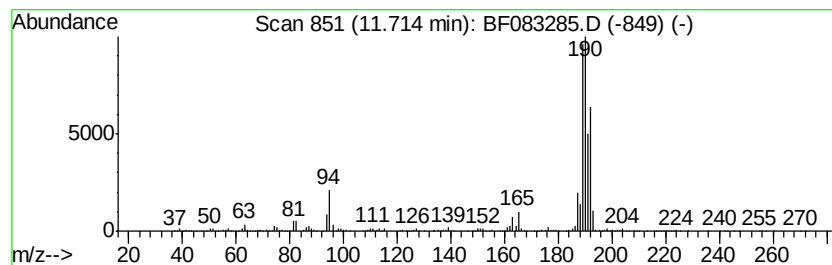
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	14.14 ng	3505640	Phenanthrene-d10	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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Sample : G4567-01 5X
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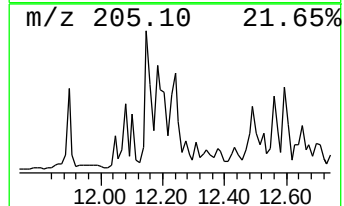
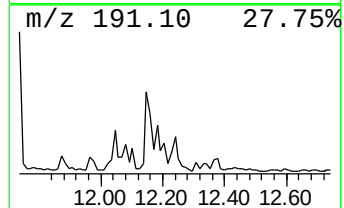
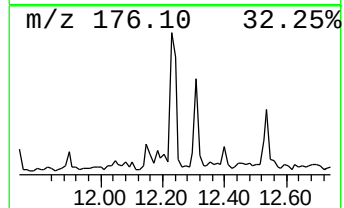
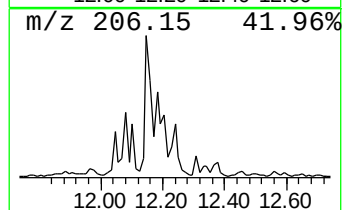
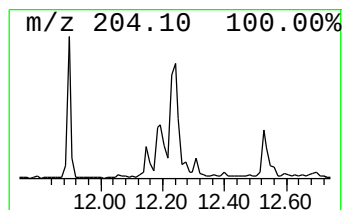
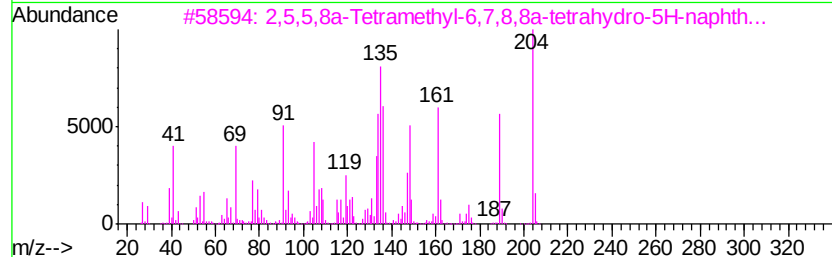
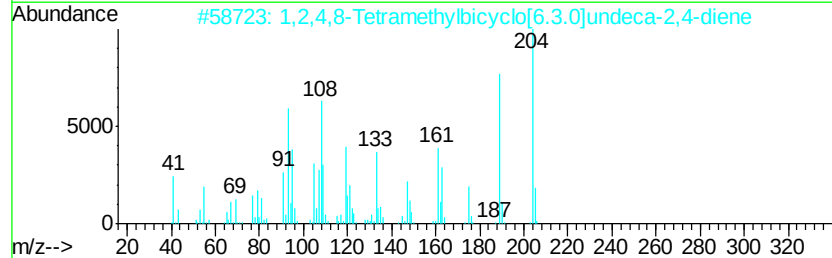
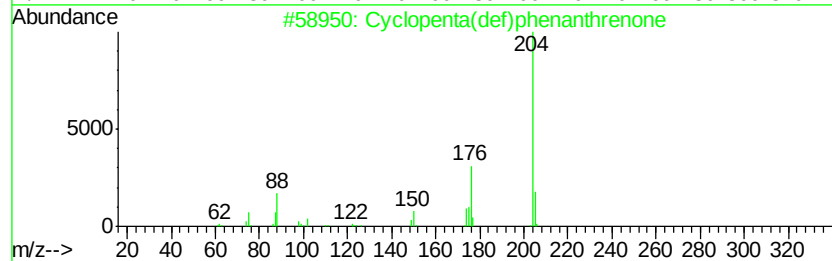
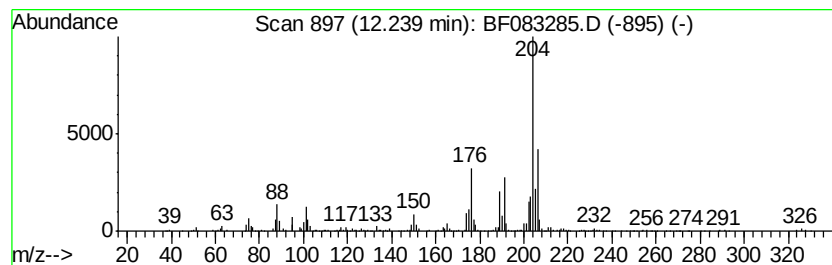
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.24	6.52 ng	1616220	Phenanthrene-d10	11.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0.0.1.2]undeca-2,4,6-triene	204	C15H24	137235-51-9	55
3	2,5,5,8a-Tetramethyl-6,7,8,8a-tetrahydro-5H-naphth[1,2-b]pyrene	204	C14H20O	124957-09-1	46
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
5	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Operator : UM/IZ
Sample : G4567-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

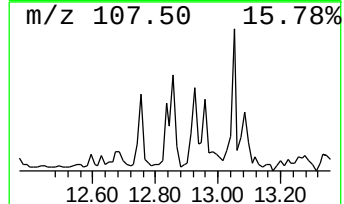
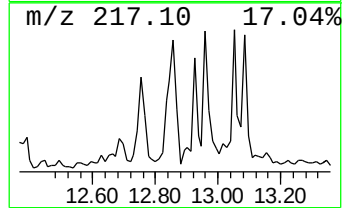
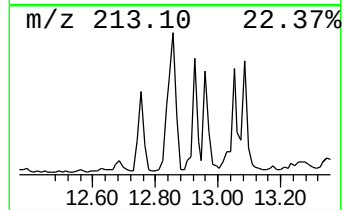
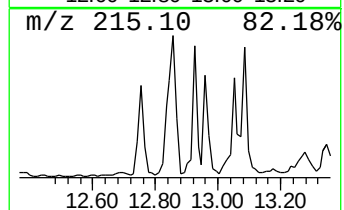
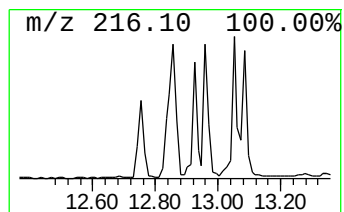
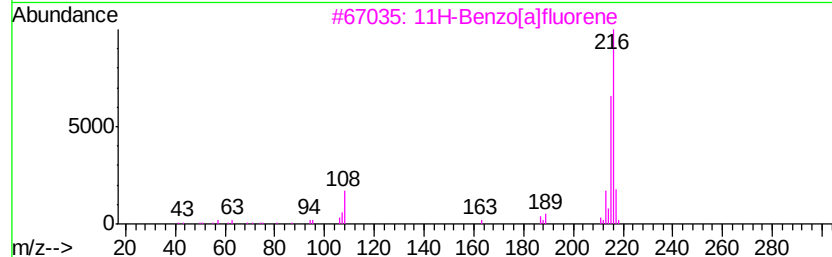
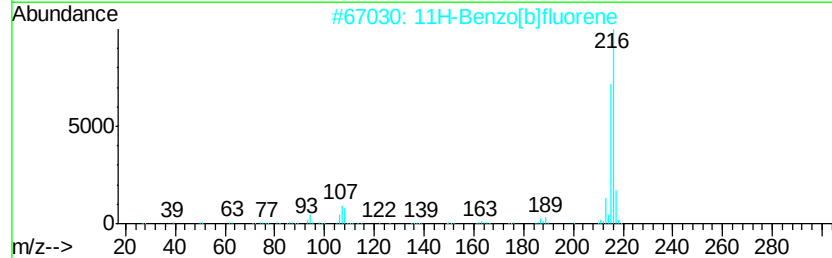
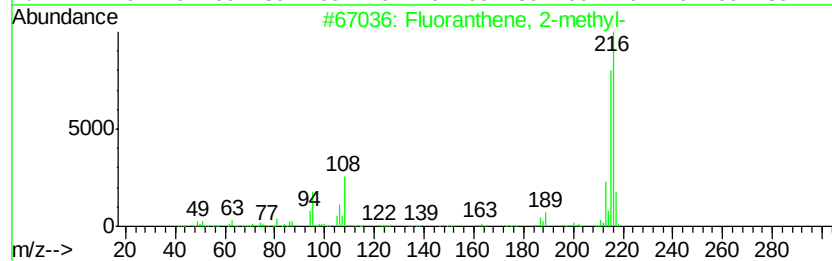
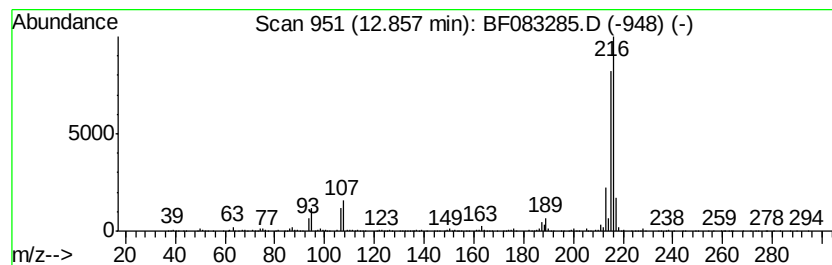
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	9.98 ng	1981940	Chrysene-d12	13.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 95
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
4		Pvrene, 1-methyl-	216 C17H12	002381-21-7 90
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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Sample : G4567-01 5X
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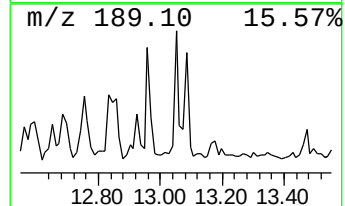
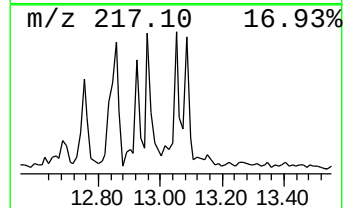
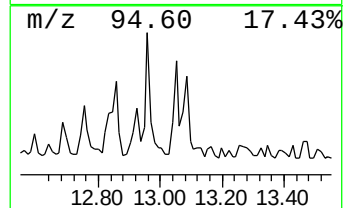
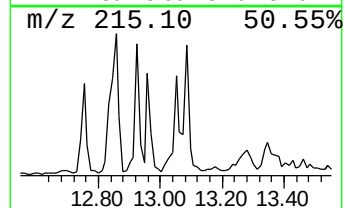
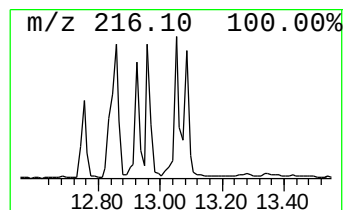
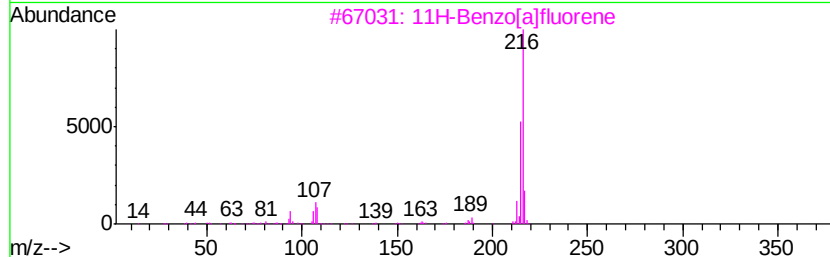
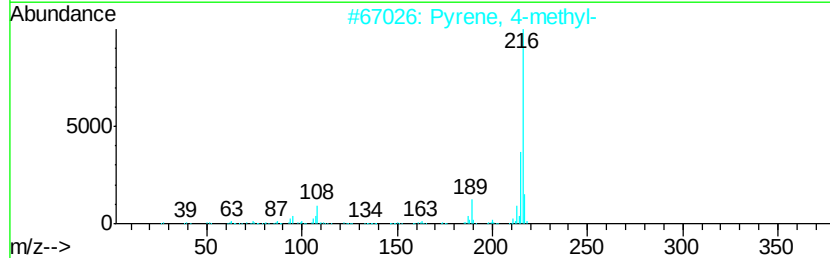
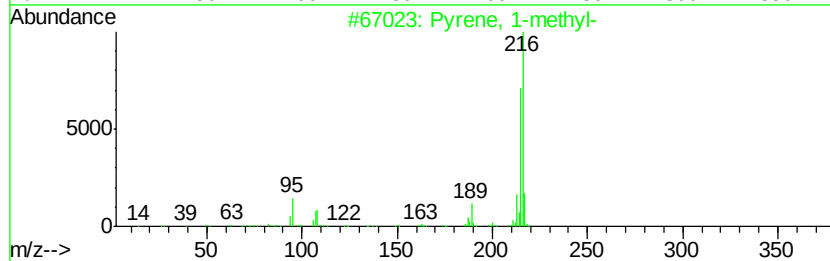
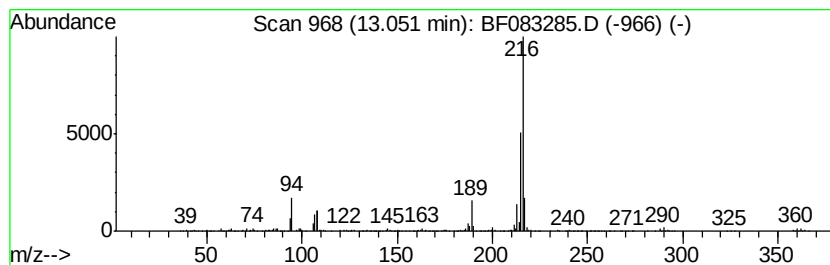
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.38 ng	1268020	Chrysene-d12	13.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 4-methyl-	216 C17H12	003353-12-6 96
3		11H-Benzof[al]fluorene	216 C17H12	000238-84-6 94
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083285.D
 Acq On : 25 Nov 2015 20:51
 Operator : UM/IZ
 Sample : G4567-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMPOSITE1

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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...	4.68	11.1 ng		566849	1	6.58	1026380	20.0
Bicyclo[4.2.0]oct...	5.37	11.9 ng		611946	1	6.58	1026380	20.0
unknown6.35	6.35	20.2 ng		1035820	1	6.58	1026380	20.0
Benzene, 1-etheny...	6.42	13.1 ng		670269	1	6.58	1026380	20.0
Benzene, 1-propynyl-	6.84	8.3 ng		427077	1	6.58	1026380	20.0
Norcaranoic acid,...	9.05	8.3 ng		654489	3	9.62	1575590	20.0
Naphthalene, 2,7-...	9.22	9.1 ng		713969	3	9.62	1575590	20.0
Naphthalene, 2,3-...	9.29	8.8 ng		690486	3	9.62	1575590	20.0
Naphthalene, 2,3,...	9.83	12.0 ng		944405	3	9.62	1575590	20.0
3-(2-Methyl-prope...	9.94	8.5 ng		668841	3	9.62	1575590	20.0
1,1'-Biphenyl, 3-...	10.02	6.5 ng		514001	3	9.62	1575590	20.0
Undecane, 3,5-dim...	10.30	13.0 ng		1020590	3	9.62	1575590	20.0
4H-Cyclopenta[def...	11.71	14.1 ng		3505640	4	11.10	4958900	20.0
Cyclopenta(def)ph...	12.24	6.5 ng		1616220	4	11.10	4958900	20.0
Fluoranthene, 2-m...	12.86	10.0 ng		1981940	5	13.73	3973620	20.0
Pyrene, 1-methyl-	13.05	6.4 ng		1268020	5	13.73	3973620	20.0