

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
 Data File : BF086722.D
 Acq On : 5 May 2016 23:12
 Operator : UM/SJ
 Sample : H2762-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B4COMP

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-BF050416.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	4.899	244	246	253	rVB	334429	542276	1.82%	0.176%
2	5.161	266	269	271	rBV	667774	767374	2.57%	0.249%
3	5.287	276	280	281	rBV	312820	573526	1.92%	0.186%
4	5.321	281	283	286	rVB	4099959	4949856	16.57%	1.607%
5	5.539	300	302	305	rBV	353267	440770	1.48%	0.143%
6	6.373	372	375	377	rVV	3600934	5738648	19.21%	1.863%
7	6.499	383	386	388	rVV	5037245	5101081	17.08%	1.656%
8	6.556	388	391	394	rVB	1214255	1292541	4.33%	0.420%
9	6.727	404	406	408	rBV	1219034	1106031	3.70%	0.359%
10	6.887	417	420	421	rBV	3971666	4160265	13.93%	1.351%
11	6.990	426	429	431	rVV	2323845	2179777	7.30%	0.708%
12	7.299	452	456	458	rBV	3202034	3509532	11.75%	1.140%
13	7.767	493	497	499	rBV2	1475755	2298311	7.70%	0.746%
14	7.802	499	500	504	rVV	1550264	2036978	6.82%	0.661%
15	8.076	516	524	525	rBV	10162532	29865754	100.00%	9.697%
16	8.099	525	526	528	rVB	1170393	935574	3.13%	0.304%
17	8.487	555	560	561	rVV2	342589	977906	3.27%	0.318%
18	8.522	561	563	566	rVV	373214	518348	1.74%	0.168%
19	8.682	573	577	579	rVV2	440818	740258	2.48%	0.240%
20	8.750	579	583	585	rVV	9041939	15587240	52.19%	5.061%
21	8.853	588	592	594	rVB	8474709	14247773	47.71%	4.626%
22	9.093	610	613	616	rBV	3919318	4505898	15.09%	1.463%
23	9.196	619	622	625	rVV	4360572	4358037	14.59%	1.415%
24	9.288	626	630	633	rVV	2067084	2805846	9.39%	0.911%
25	9.368	633	637	638	rVV	3916253	5799595	19.42%	1.883%
26	9.436	640	643	644	rVV	4984692	6287368	21.05%	2.041%
27	9.493	647	648	650	rVV	1802342	2161113	7.24%	0.702%
28	9.550	650	653	658	rVV	2726040	3745831	12.54%	1.216%
29	9.642	658	661	663	rVV	7616488	8335922	27.91%	2.707%
30	9.756	669	671	673	rVV2	2267540	3130275	10.48%	1.016%
31	9.813	673	676	677	rVV	5141202	6630966	22.20%	2.153%
32	9.870	680	681	684	rVV	460089	676371	2.26%	0.220%
33	9.973	687	690	692	rVV	2230119	2412846	8.08%	0.783%
34	10.008	692	693	697	rVB	780315	1109097	3.71%	0.360%

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35	10.088	697	700	701	rBV	1206779	1775846	5.95%	0.577%
36	10.110	701	702	705	rVB2	656298	896256	3.00%	0.291%
37	10.168	705	707	710	rBV	827109	1767593	5.92%	0.574%
38	10.225	710	712	713	rVV	1525043	1619760	5.42%	0.526%
39	10.282	713	717	719	rVV3	1197672	2463646	8.25%	0.800%
40	10.328	719	721	723	rVV	6583179	8780180	29.40%	2.851%
41	10.385	723	726	728	rVV2	873139	1657452	5.55%	0.538%
42	10.431	728	730	732	rVV	997245	1554515	5.21%	0.505%
43	10.476	732	734	738	rVV2	916211	1852017	6.20%	0.601%
44	10.556	738	741	743	rVV2	3039103	5012510	16.78%	1.628%
45	10.682	750	752	755	rBV	879586	928765	3.11%	0.302%
46	10.865	763	768	769	rVV	2190983	3029176	10.14%	0.984%
47	10.888	769	770	772	rVV	1264349	1262602	4.23%	0.410%
48	10.945	772	775	777	rVV	1496087	1498661	5.02%	0.487%
49	11.013	777	781	784	rVV3	504342	1006341	3.37%	0.327%
50	11.059	784	785	787	rVB2	702668	631128	2.11%	0.205%
51	11.151	790	793	795	rBV	1672039	2255716	7.55%	0.732%
52	11.299	800	806	808	rBV	8589753	20412925	68.35%	6.628%
53	11.345	808	810	811	rVV	6461261	6863306	22.98%	2.228%
54	11.368	811	812	813	rVV	665750	537321	1.80%	0.174%
55	11.413	813	816	819	rVB3	252465	584558	1.96%	0.190%
56	11.551	826	828	829	rBV	837226	868906	2.91%	0.282%
57	11.585	829	831	835	rVB2	645244	1031943	3.46%	0.335%
58	11.665	835	838	840	rVB2	566264	761362	2.55%	0.247%
59	11.756	843	846	847	rBV	3649601	3783382	12.67%	1.228%
60	11.791	847	849	851	rVB	4349444	4387866	14.69%	1.425%
61	11.836	851	853	854	rBV	1529084	1566576	5.25%	0.509%
62	11.871	854	856	860	rVB2	5129653	8392160	28.10%	2.725%
63	12.054	869	872	873	rVV	1364932	1925930	6.45%	0.625%
64	12.191	882	884	886	rBV2	349973	477090	1.60%	0.155%
65	12.225	886	887	891	rVB	710018	977312	3.27%	0.317%
66	12.305	891	894	895	rBV	1464518	1843011	6.17%	0.598%
67	12.339	895	897	900	rVV	1174013	1935664	6.48%	0.628%
68	12.396	900	902	906	rVB2	640195	1170484	3.92%	0.380%
69	12.476	906	909	911	rBV	5471747	7908286	26.48%	2.568%
70	12.511	911	912	914	rBV	282853	476385	1.60%	0.155%
71	12.556	914	916	918	rVB	2287474	2194805	7.35%	0.713%

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72	12.614	918	921	925	rVB3	186083	493099	1.65%	0.160%
73	12.705	925	929	931	rBV	6520133	9381991	31.41%	3.046%
74	12.831	938	940	943	rVB	1977495	2789836	9.34%	0.906%
75	12.911	944	947	950	rBV	981011	1304607	4.37%	0.424%
76	13.014	952	956	958	rVB	1482136	3186192	10.67%	1.035%
77	13.082	960	962	964	rVB	1637267	1762962	5.90%	0.572%
78	13.128	964	966	969	rVB	952105	1416103	4.74%	0.460%
79	13.208	969	973	975	rBV	836842	1643013	5.50%	0.533%
80	13.242	975	976	981	rVB	1471437	1519746	5.09%	0.493%
81	13.437	990	993	996	rVB	290779	578371	1.94%	0.188%
82	13.494	996	998	1003	rBV	311877	888453	2.97%	0.288%
83	13.631	1007	1010	1011	rBV2	505799	739835	2.48%	0.240%
84	13.654	1011	1012	1016	rVB3	641865	1303980	4.37%	0.423%
85	13.882	1029	1032	1033	rBV	3590260	5384782	18.03%	1.748%
86	13.917	1033	1035	1037	rVV	3491960	3865791	12.94%	1.255%
87	14.031	1042	1045	1049	rVB3	502467	951203	3.18%	0.309%
88	14.237	1061	1063	1064	rVV2	276971	462444	1.55%	0.150%
89	14.271	1064	1066	1067	rVV	1110442	1248801	4.18%	0.405%
90	14.305	1067	1069	1070	rVV	459863	564241	1.89%	0.183%
91	14.362	1070	1074	1075	rVV3	675470	1053948	3.53%	0.342%
92	14.408	1075	1078	1080	rVV3	608417	1369425	4.59%	0.445%
93	14.888	1117	1120	1125	rVV	1355340	3093864	10.36%	1.005%
94	14.980	1126	1128	1134	rVB	500022	750253	2.51%	0.244%
95	15.162	1141	1144	1147	rBV	1037090	1221713	4.09%	0.397%
96	15.220	1147	1149	1152	rBV	1699693	2437127	8.16%	0.791%
97	15.277	1152	1154	1155	rBV	513306	581951	1.95%	0.189%
98	15.471	1166	1171	1174	rBV	152591	567939	1.90%	0.184%
99	16.591	1266	1269	1273	rVB2	492941	925738	3.10%	0.301%
100	16.991	1300	1304	1312	rVB	370379	878470	2.94%	0.285%

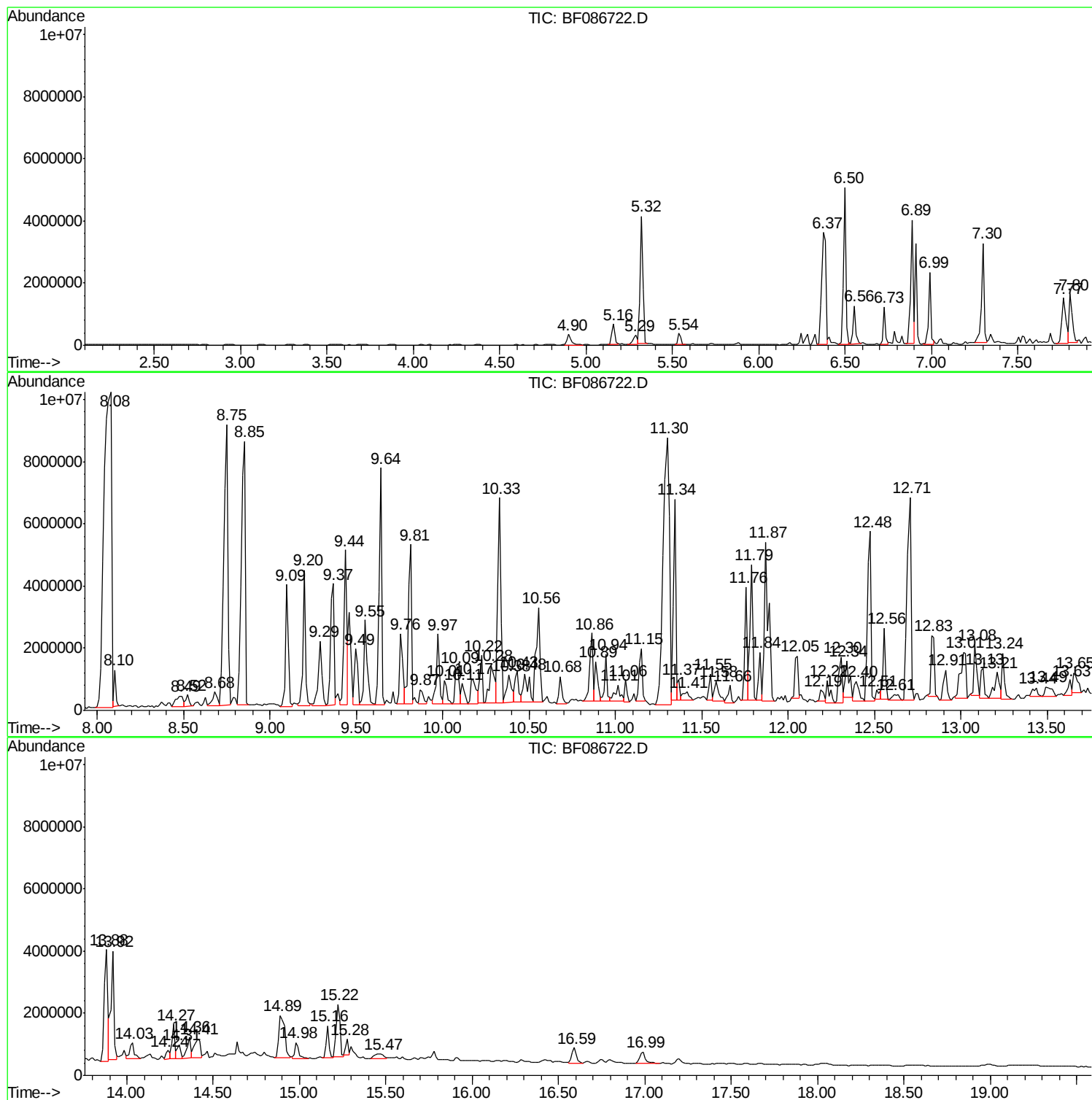
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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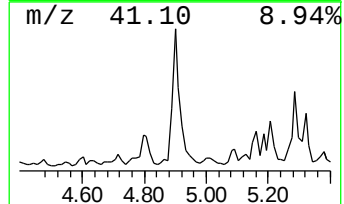
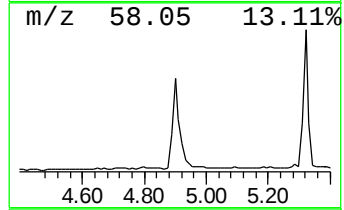
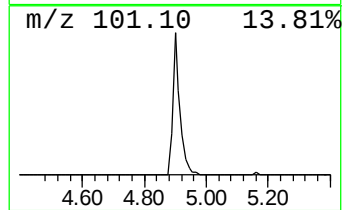
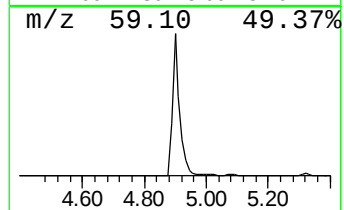
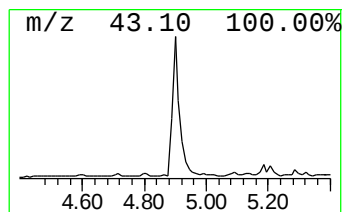
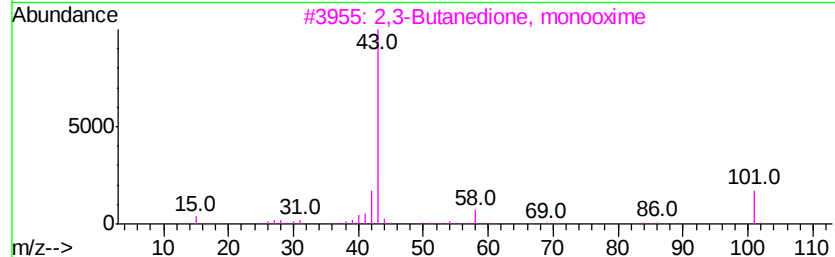
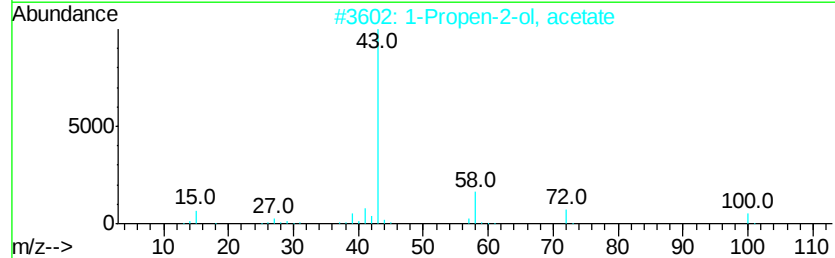
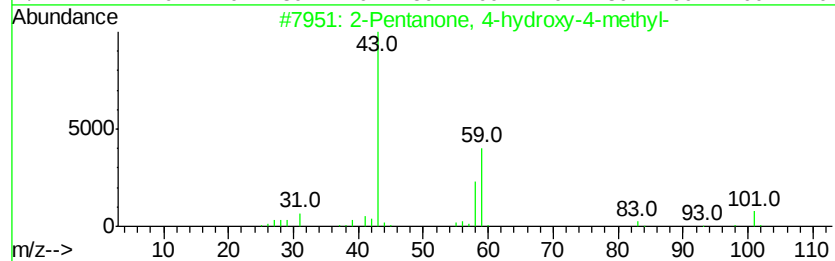
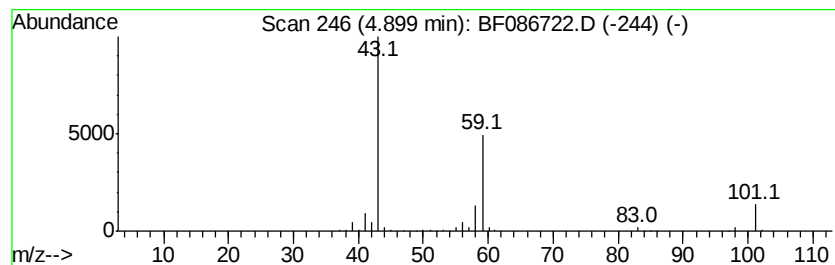
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	19.61 ng	542276	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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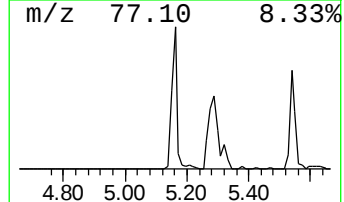
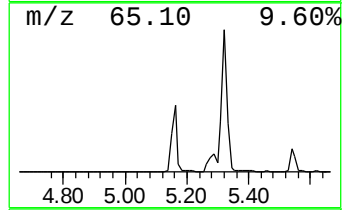
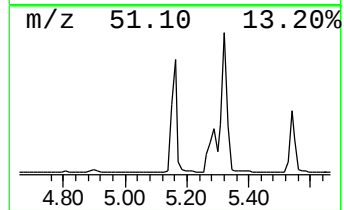
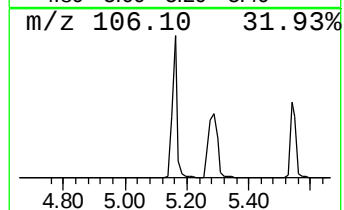
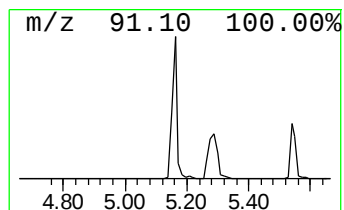
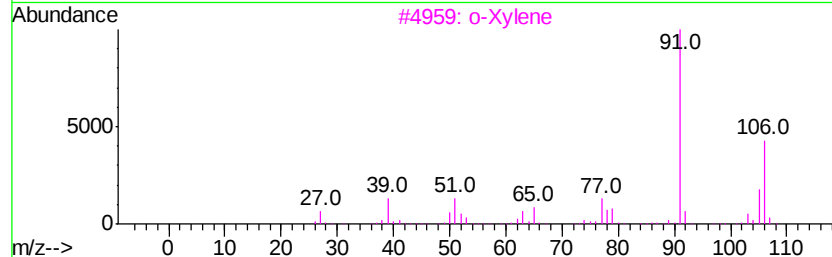
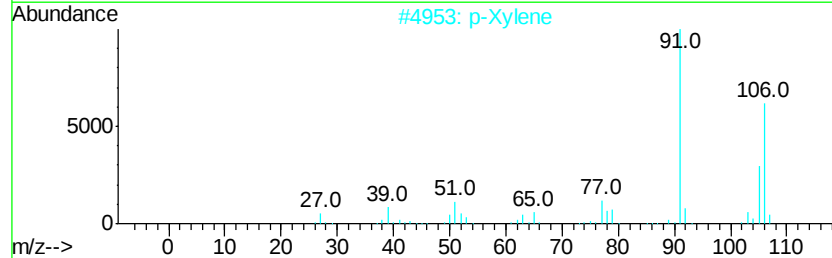
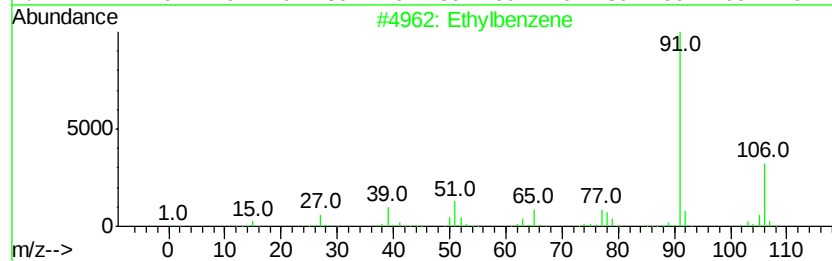
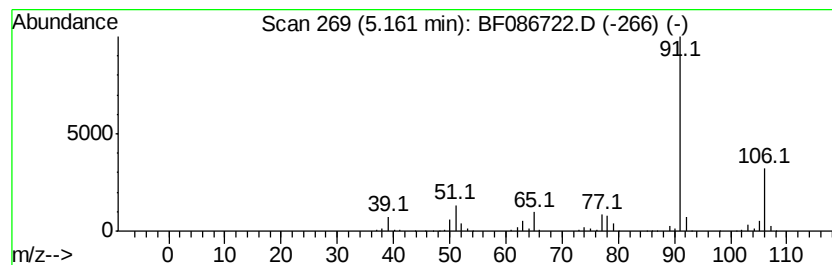
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethylbenzene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	27.75 ng	767374	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	94
2		p-Xylene	106	C8H10	000106-42-3	80
3		o-Xylene	106	C8H10	000095-47-6	72
4		o-Benzylhydroxylamine hydrochloride	123	C7H9NO	002687-43-6	43
5		2,4-Octadiyne	106	C8H10	002809-71-4	43



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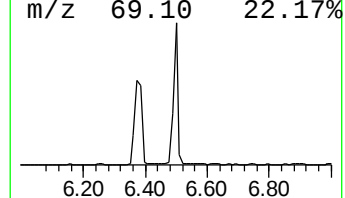
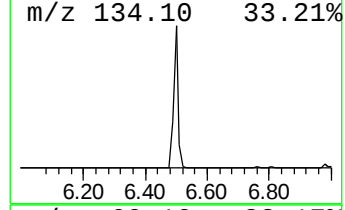
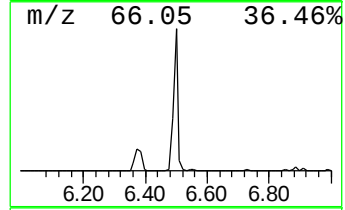
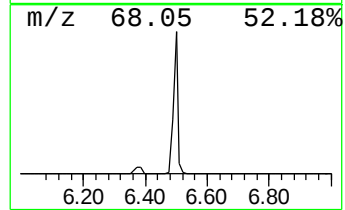
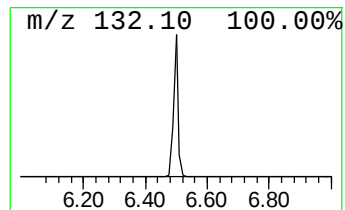
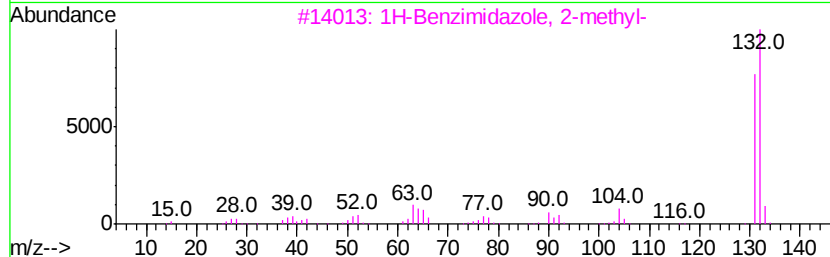
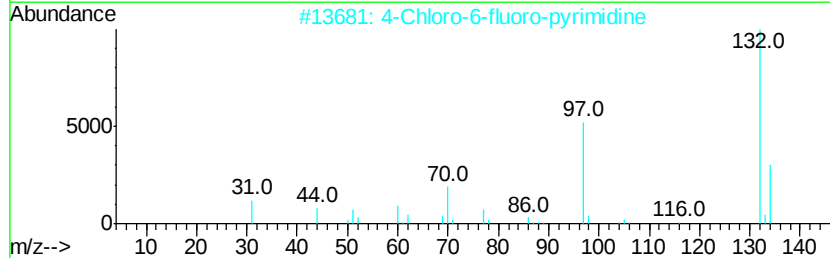
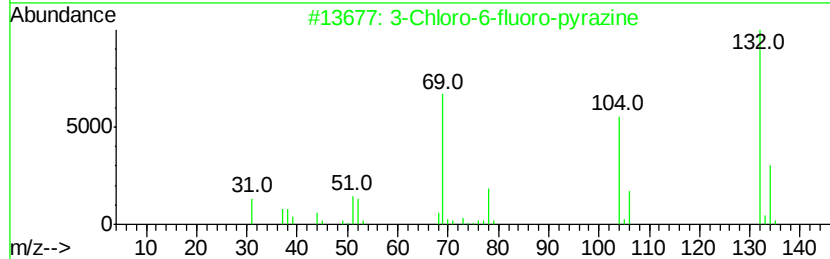
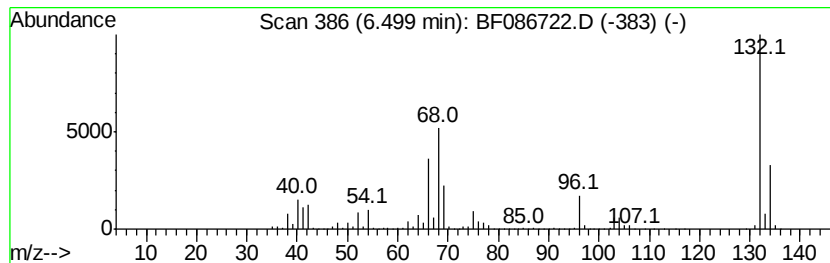
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Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	184.48 ng	5101080	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
Sample : H2762-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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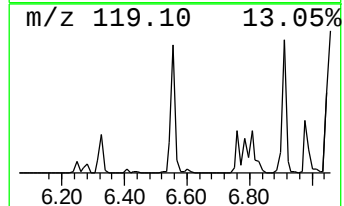
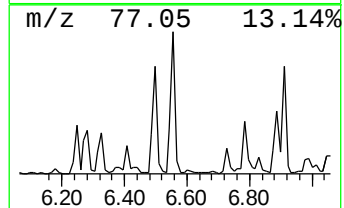
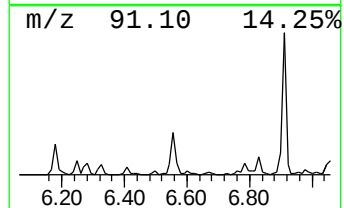
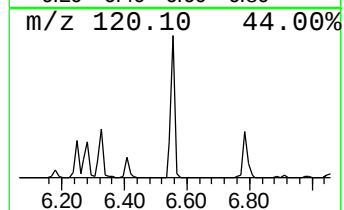
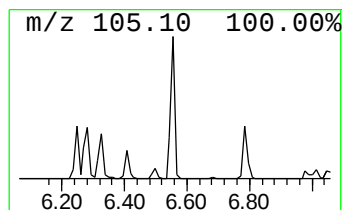
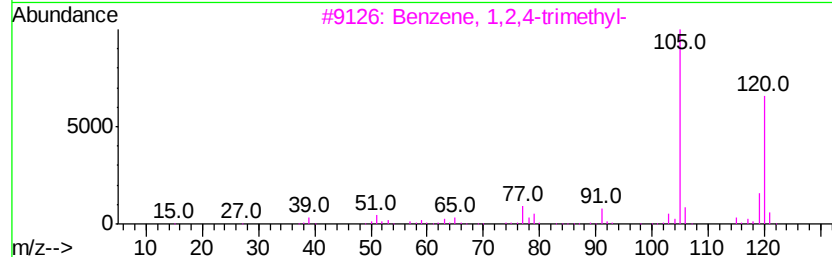
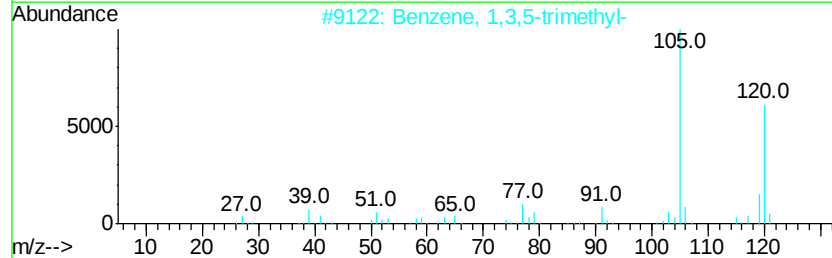
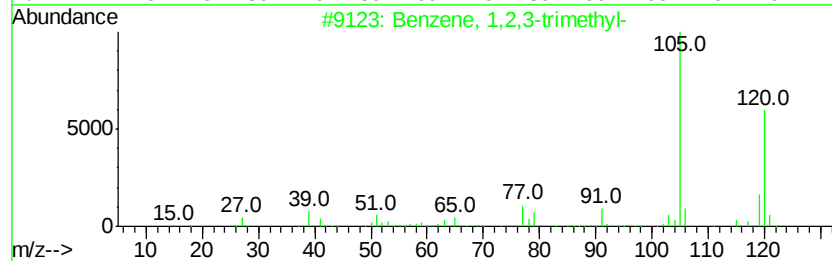
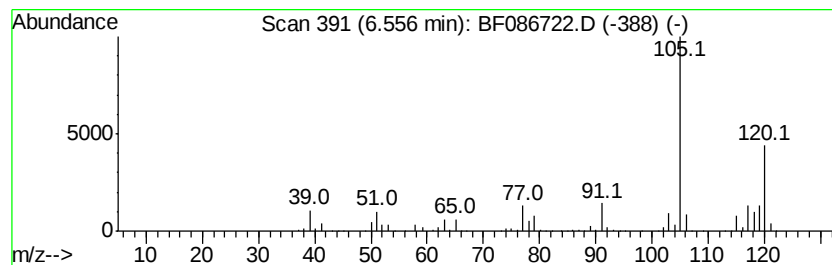
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	46.75 ng	1292540	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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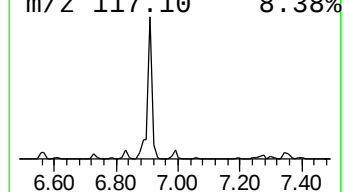
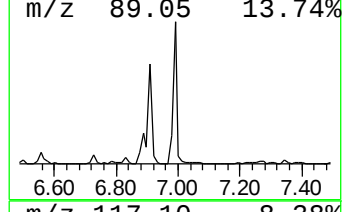
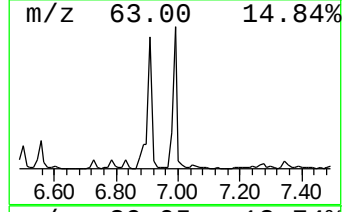
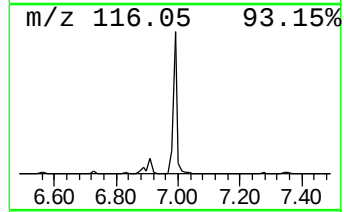
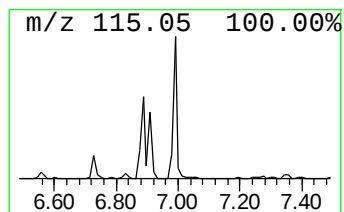
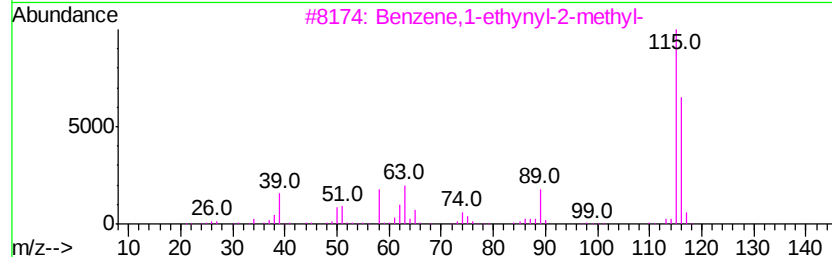
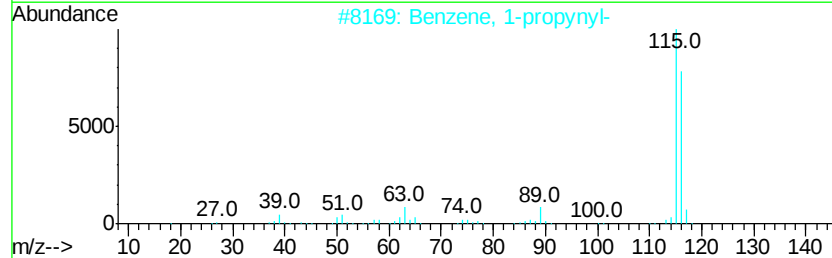
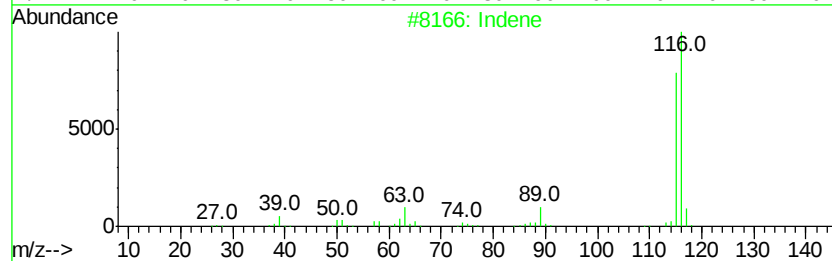
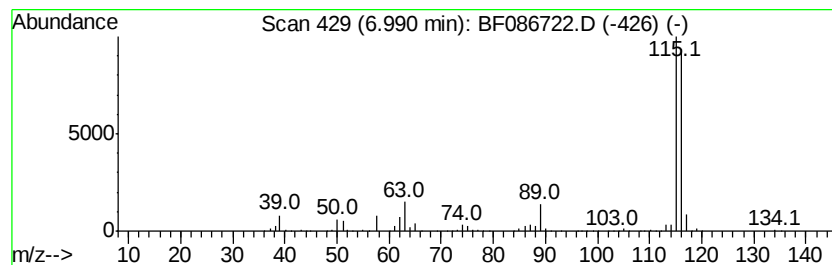
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	78.83 ng	2179780	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
Sample : H2762-08
Misc :
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ClientSampleId :
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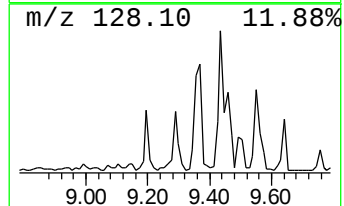
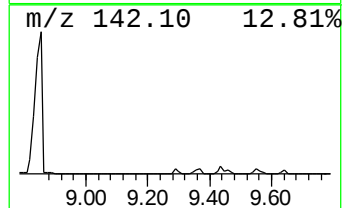
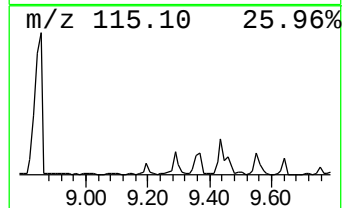
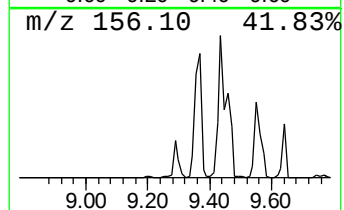
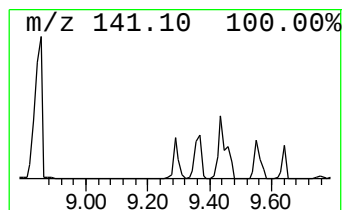
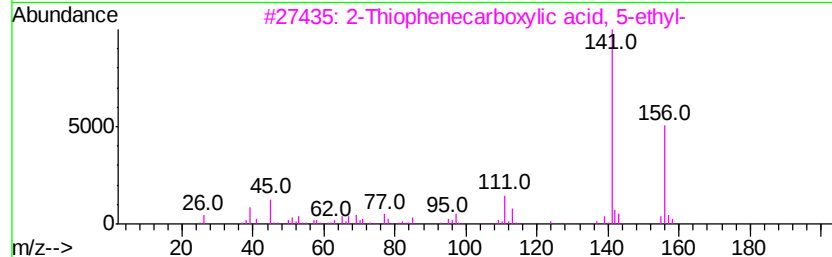
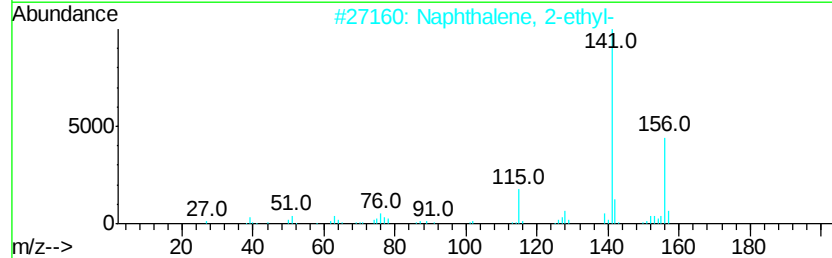
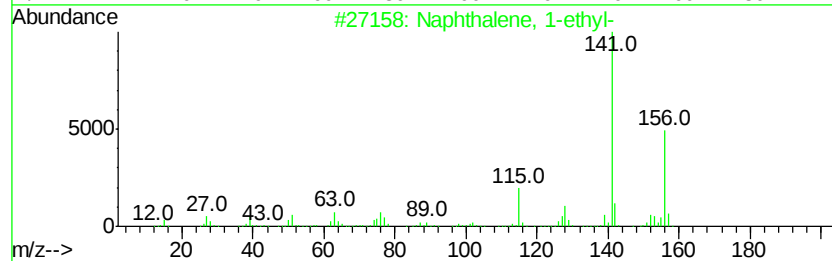
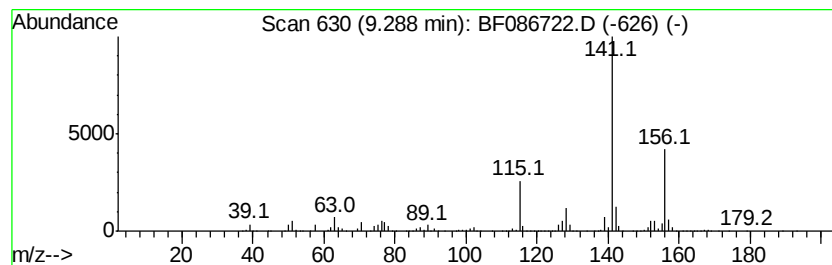
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	35.85 ng	2805850	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	59
4		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53
5		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
Sample : H2762-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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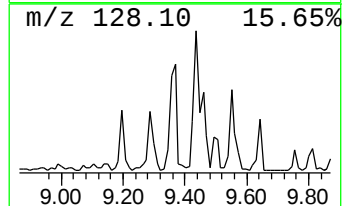
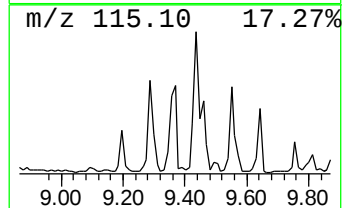
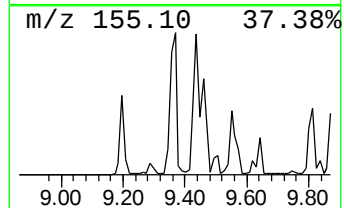
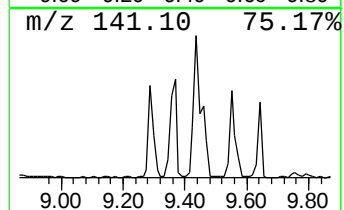
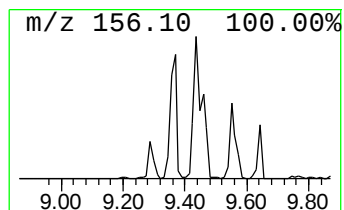
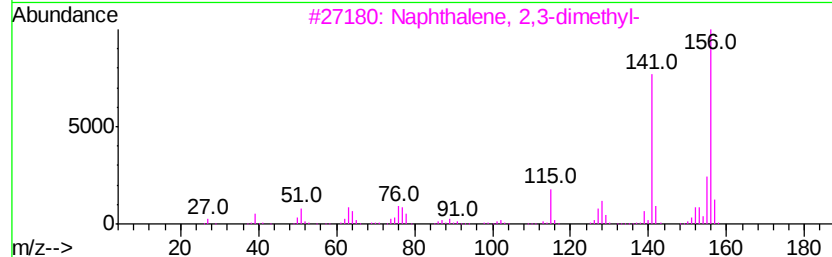
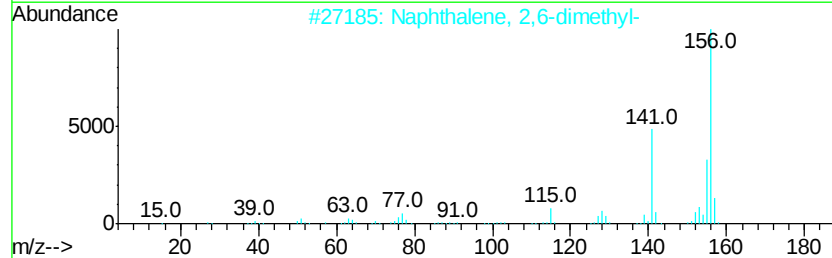
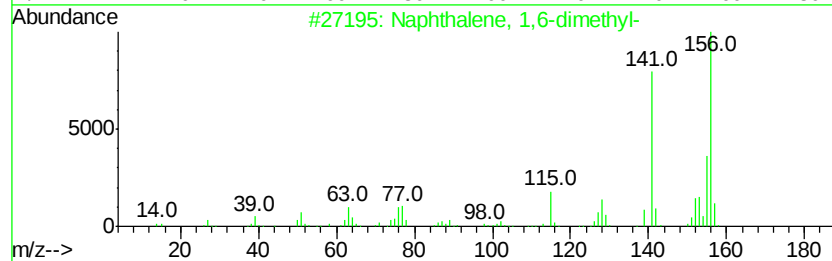
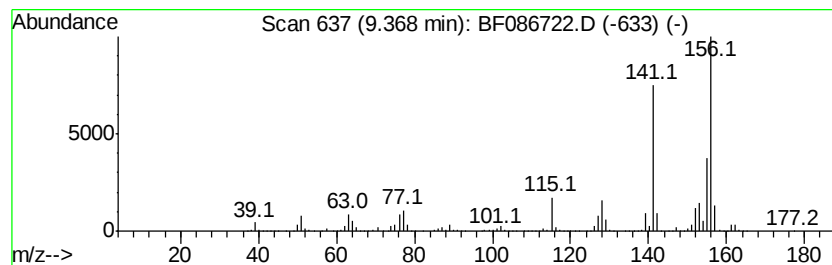
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	74.11 ng	5799600	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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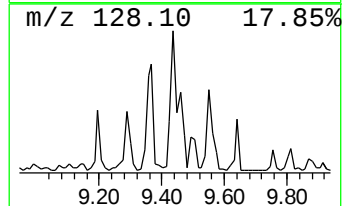
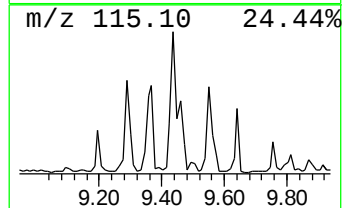
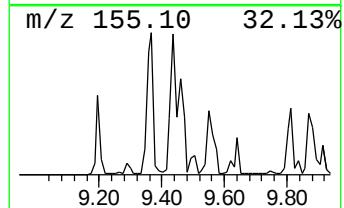
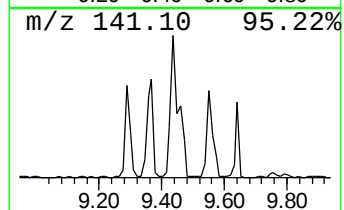
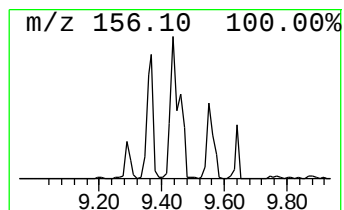
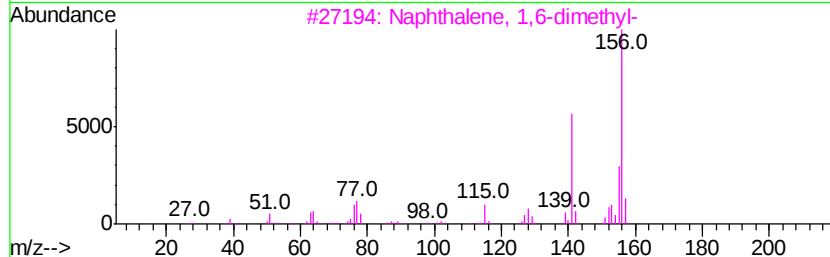
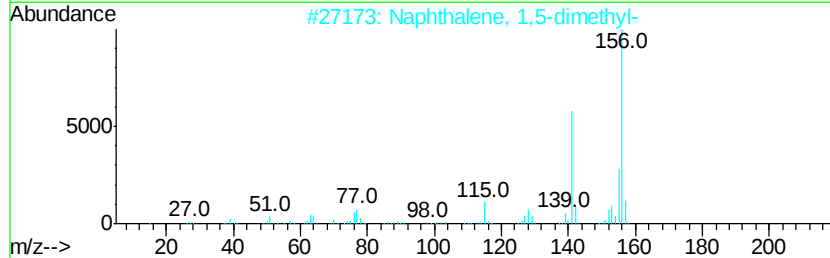
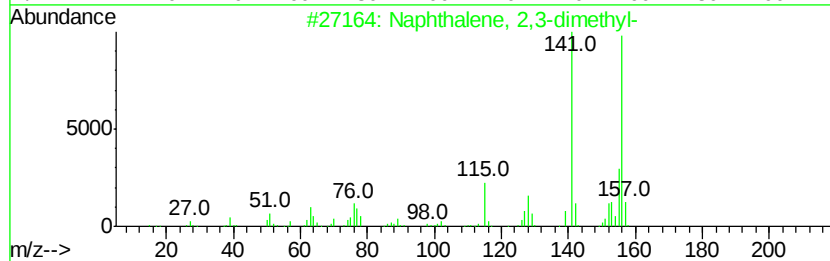
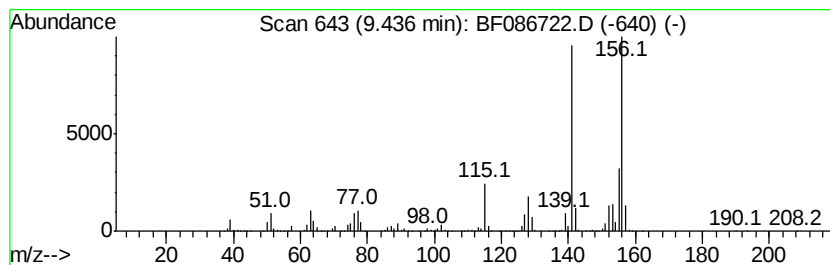
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	80.34 ng	6287370	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
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ClientSampleId :
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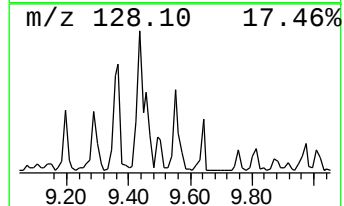
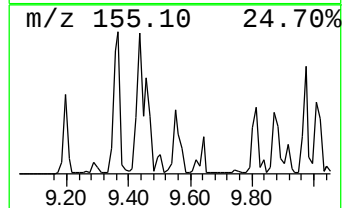
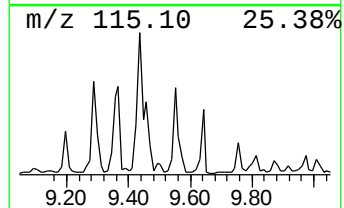
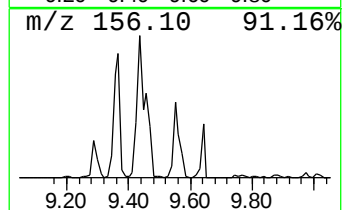
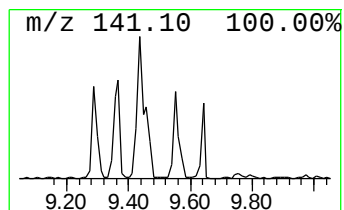
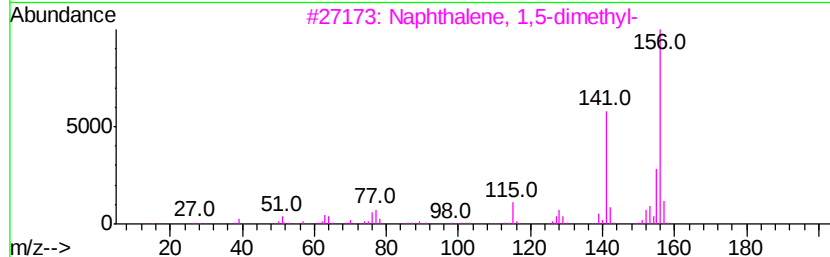
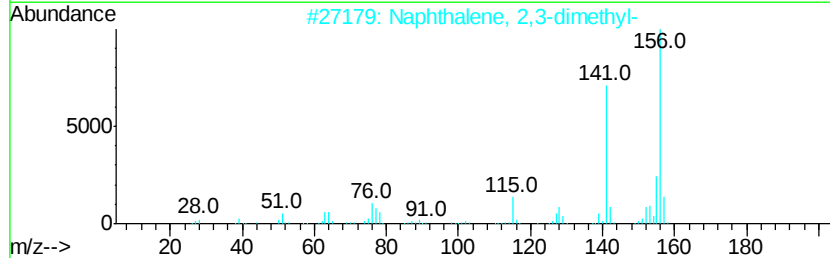
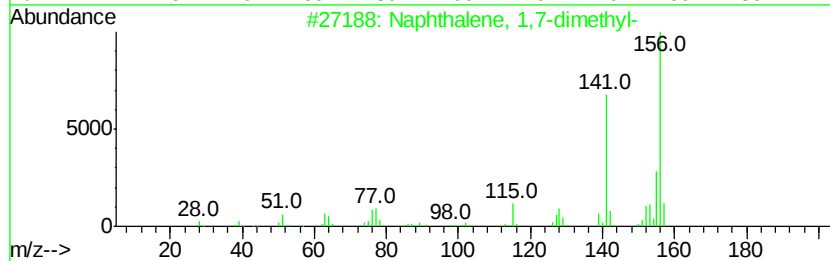
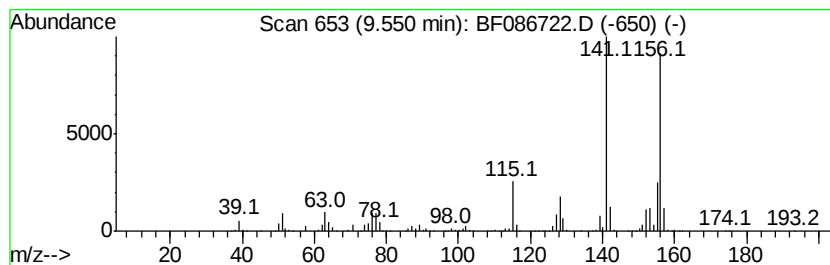
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	47.87 ng	3745830	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
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Acq On : 5 May 2016 23:12
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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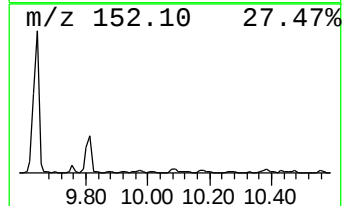
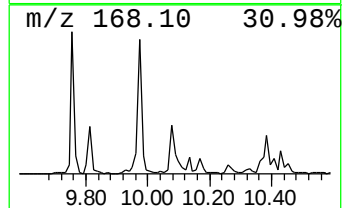
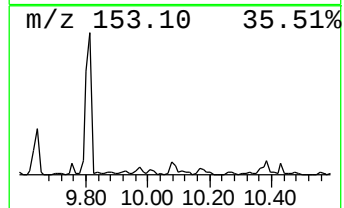
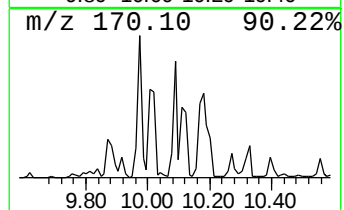
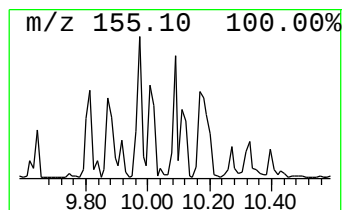
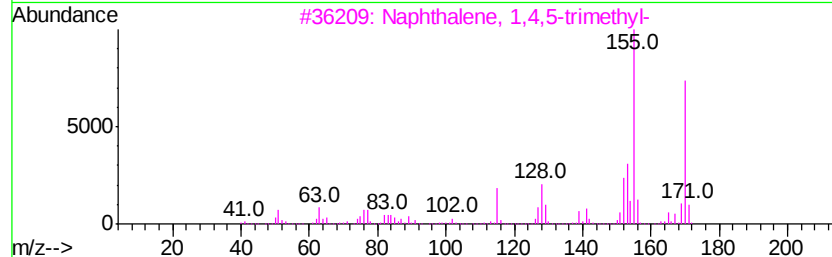
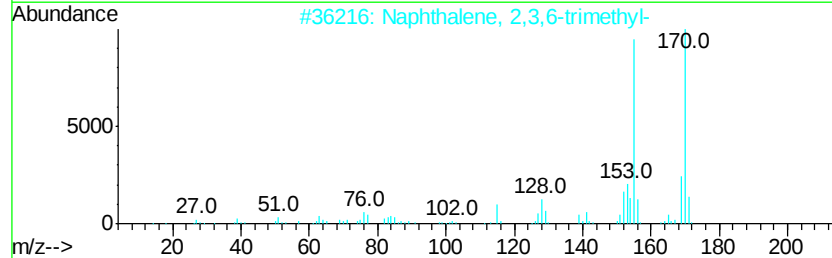
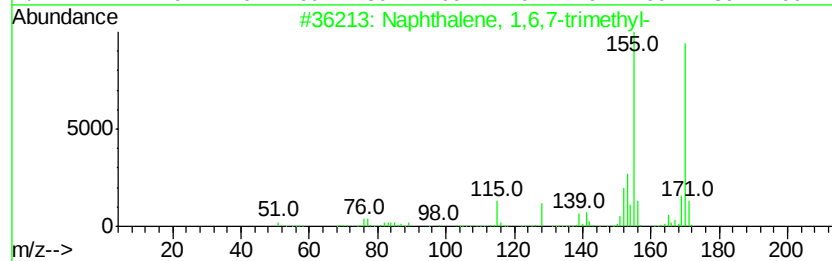
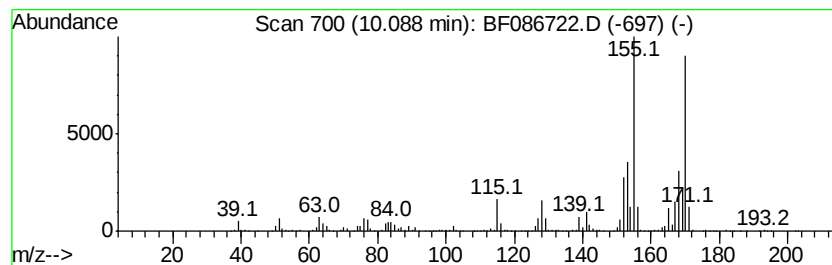
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	22.69 ng	1775850	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
Sample : H2762-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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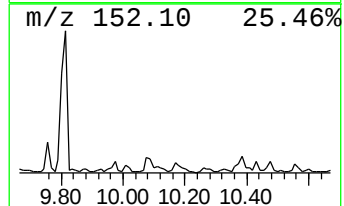
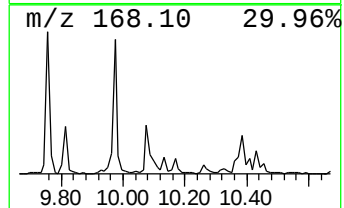
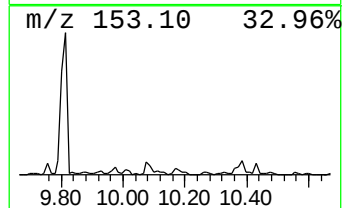
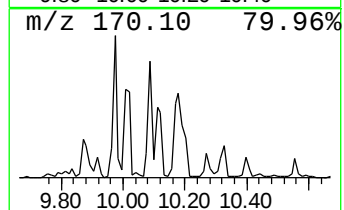
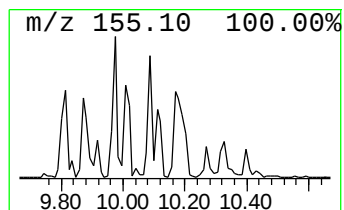
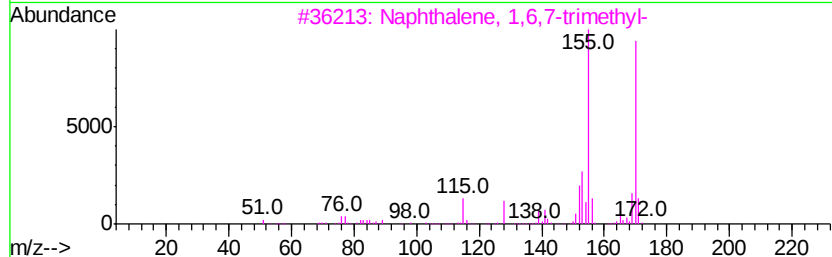
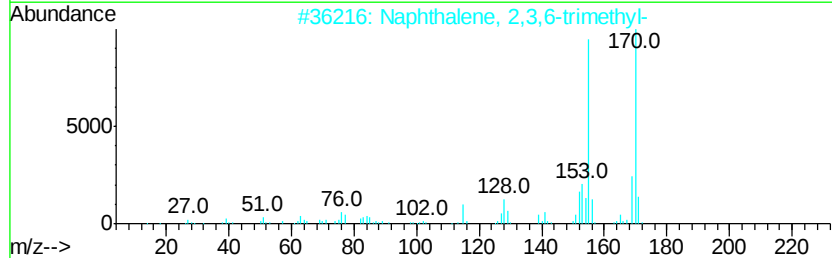
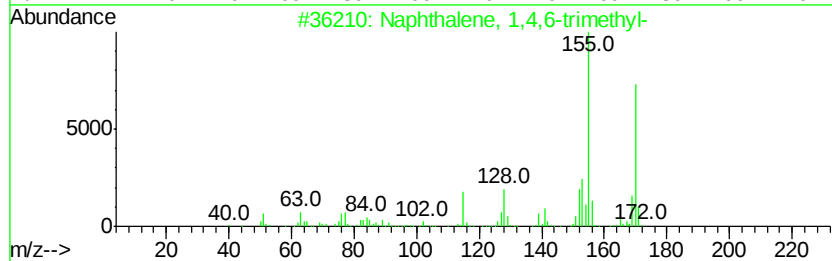
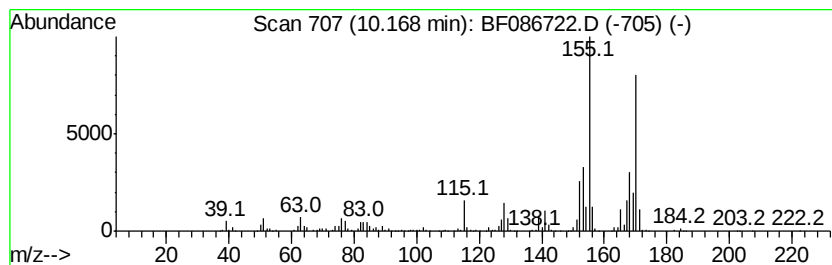
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	22.59 ng	1767590	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
Sample : H2762-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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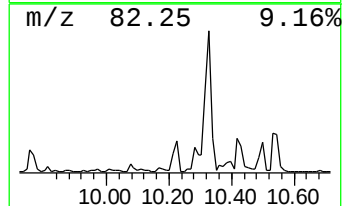
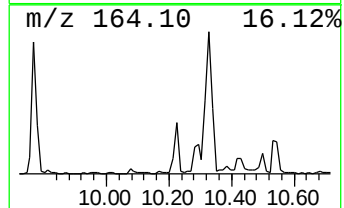
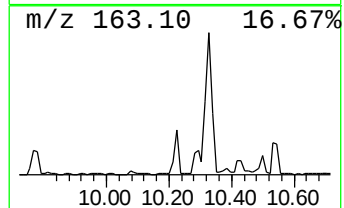
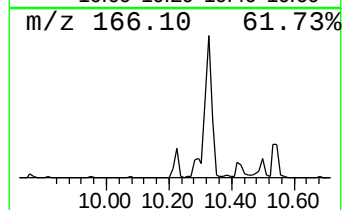
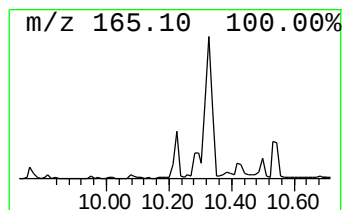
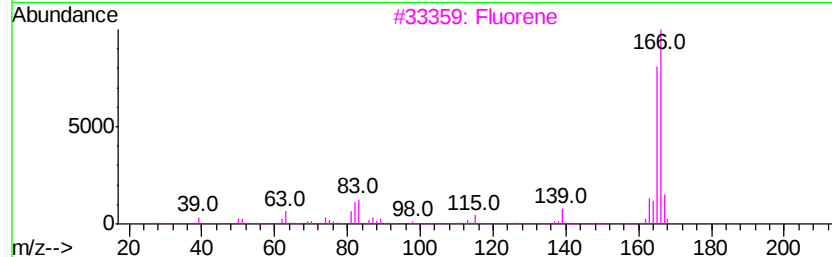
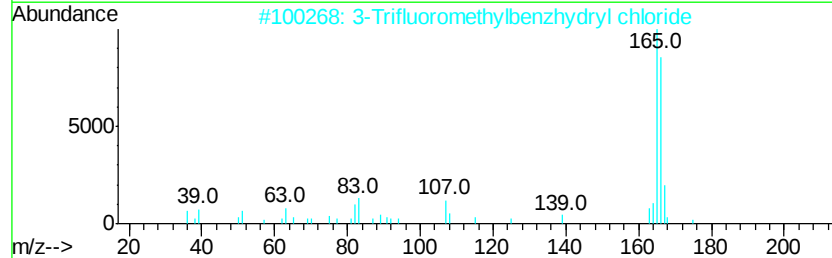
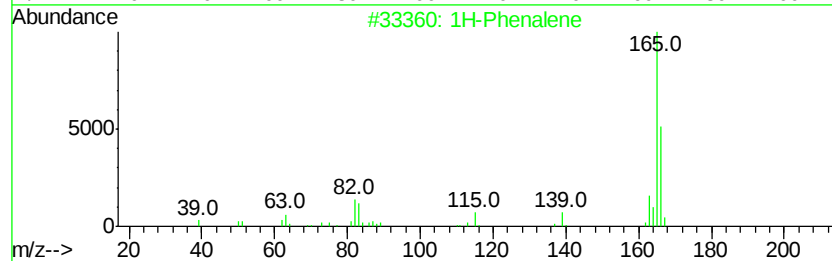
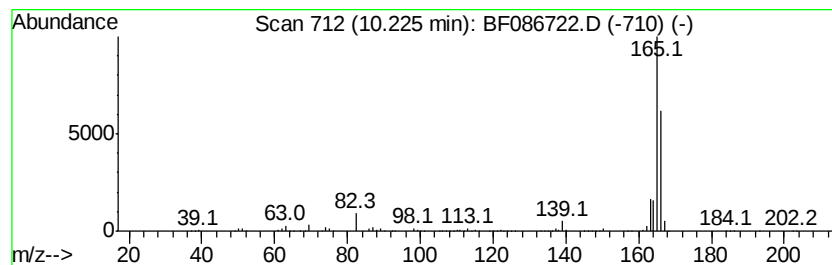
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	20.70 ng	1619760	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		3-Trifluoromethylbenzhdyryl chlo...	270	C14H10ClF3	067240-79-3	64
3		Fluorene	166	C13H10	000086-73-7	52
4		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
5		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
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Misc :
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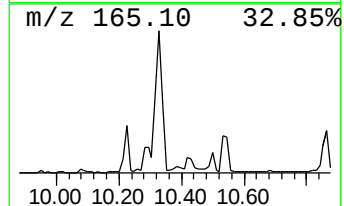
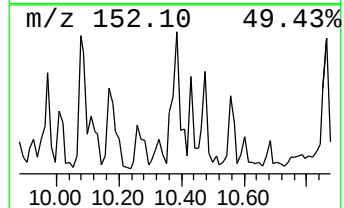
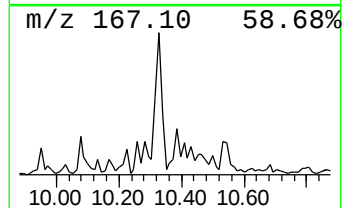
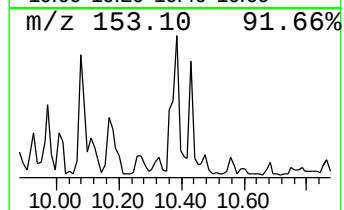
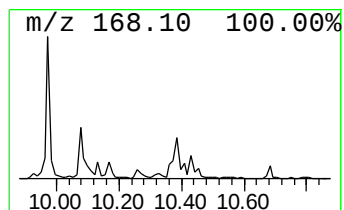
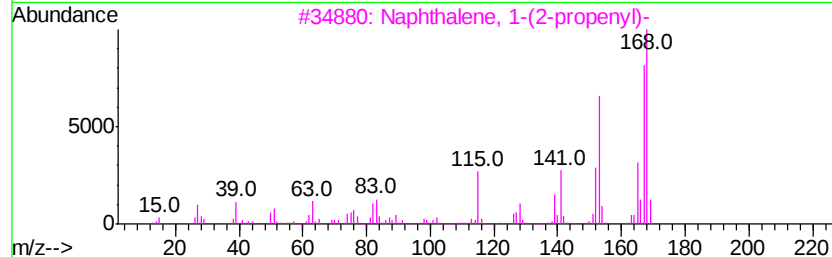
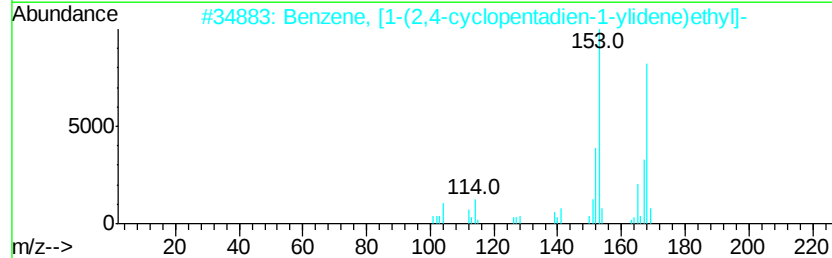
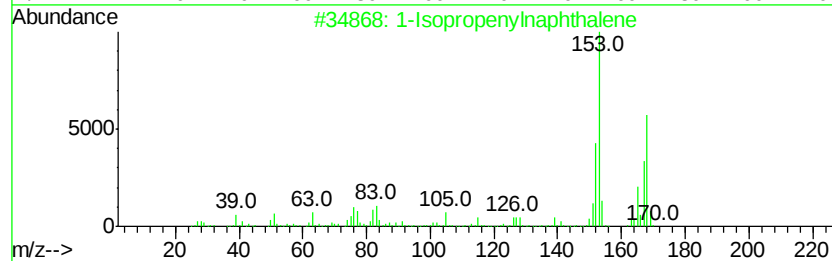
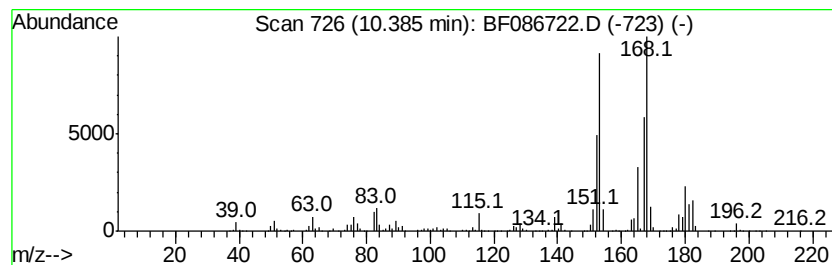
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	21.18 ng	1657450	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	70
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
Operator : UM/SJ
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Misc :
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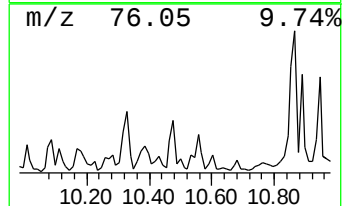
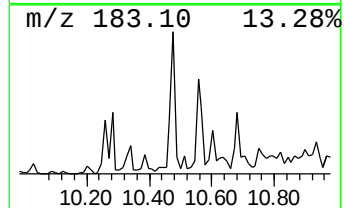
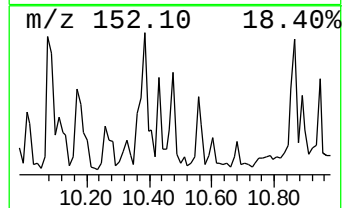
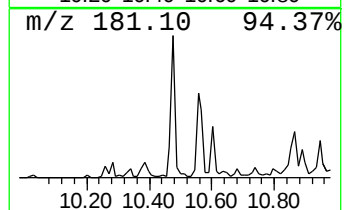
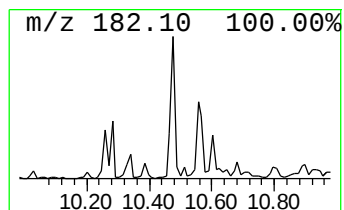
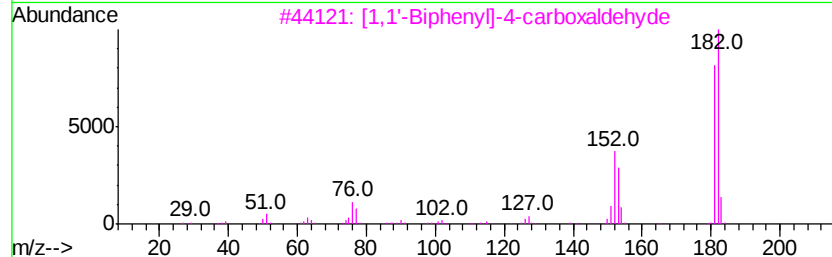
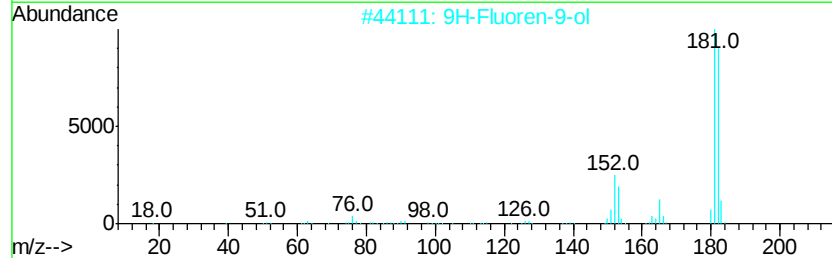
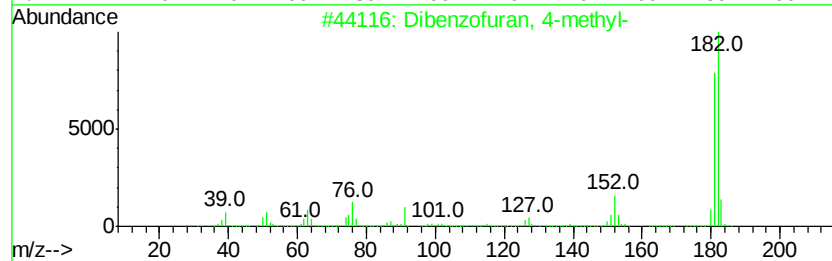
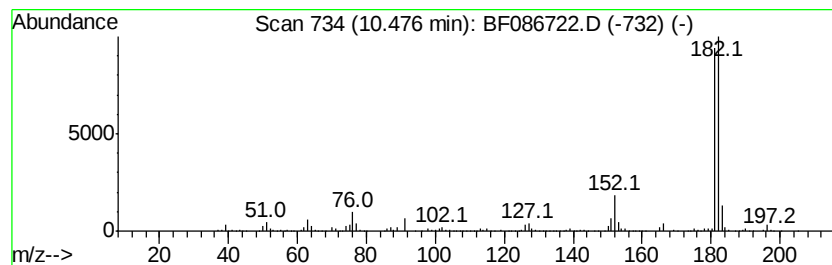
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	23.67 ng	1852020	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086722.D
Acq On : 5 May 2016 23:12
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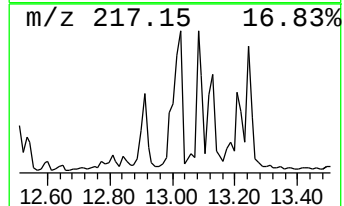
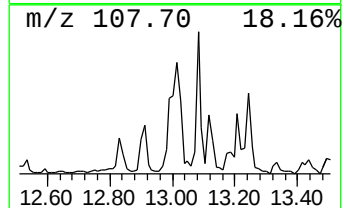
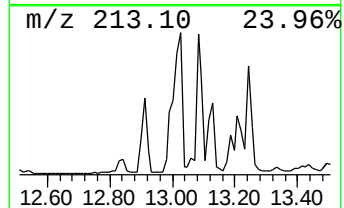
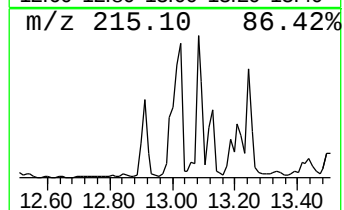
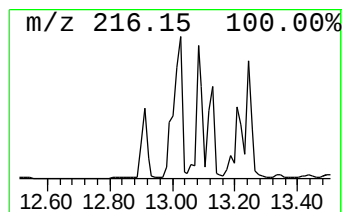
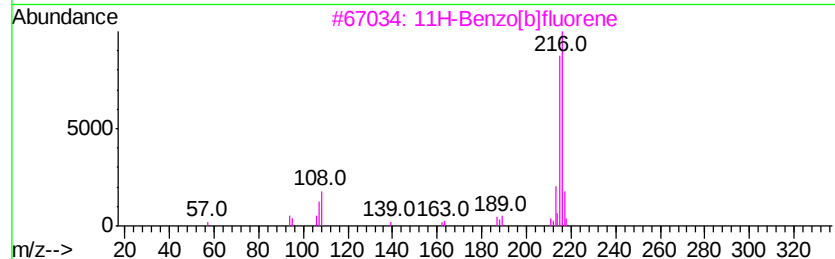
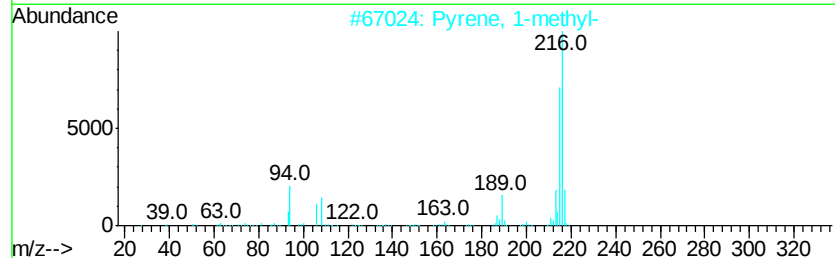
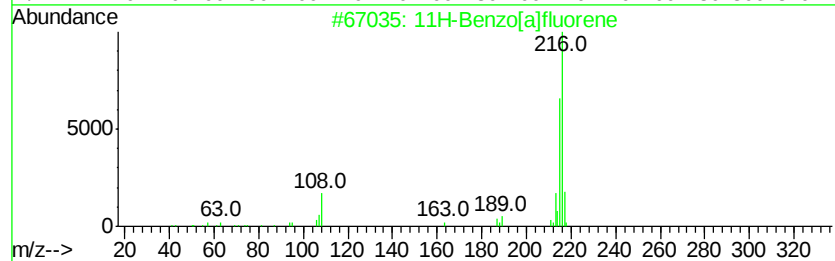
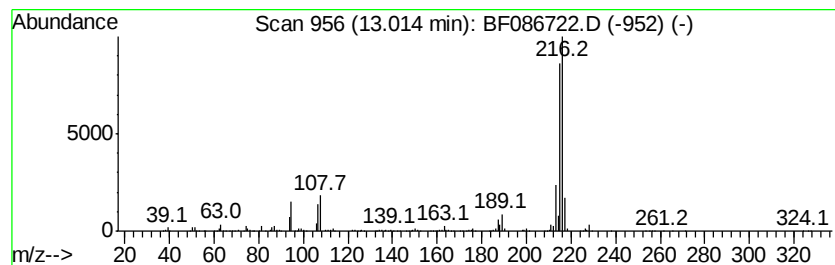
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	23.67 ng	3186190	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
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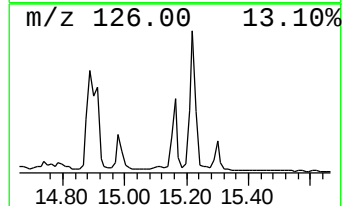
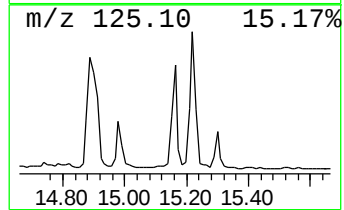
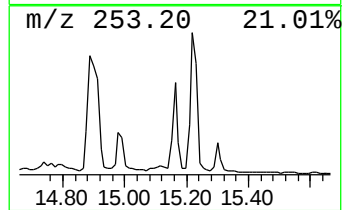
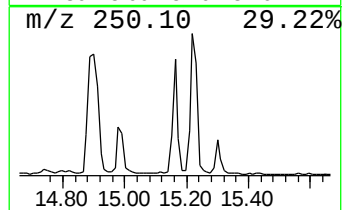
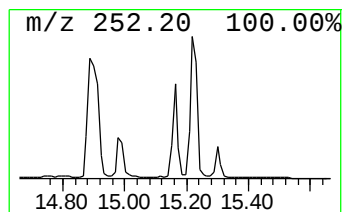
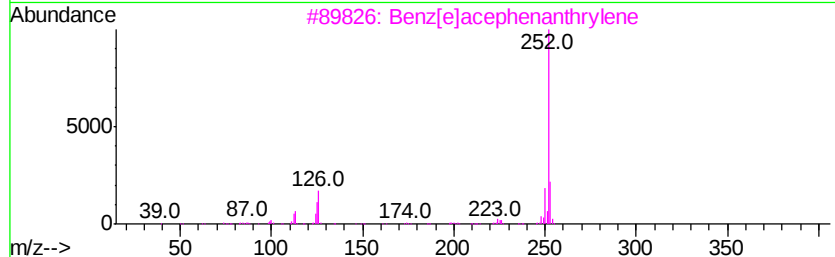
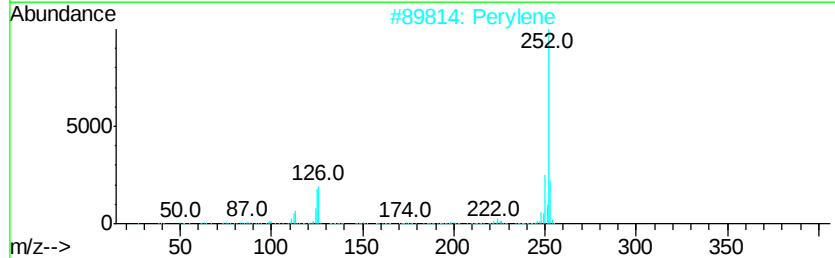
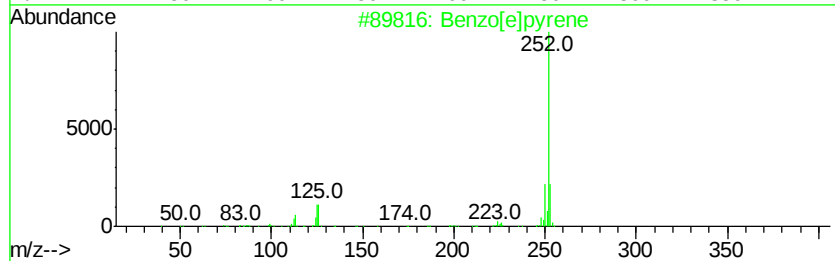
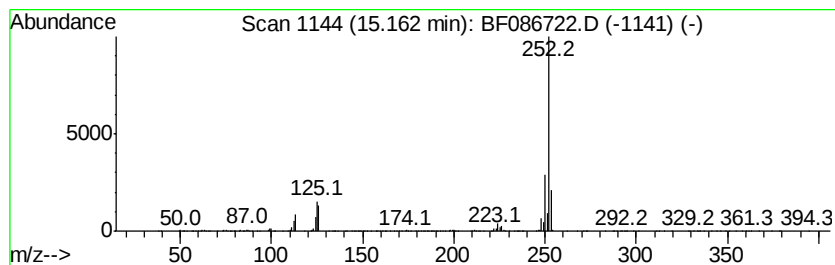
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	83.97 ng	1221710	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
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Acq On : 5 May 2016 23:12
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Sample : H2762-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
TEC-B4COMP

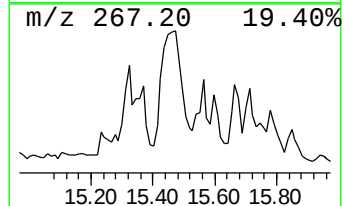
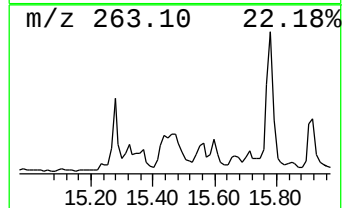
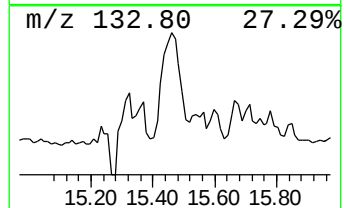
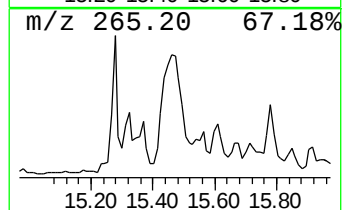
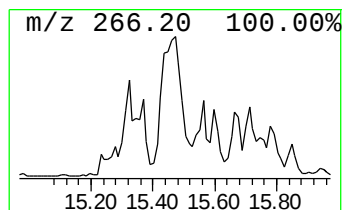
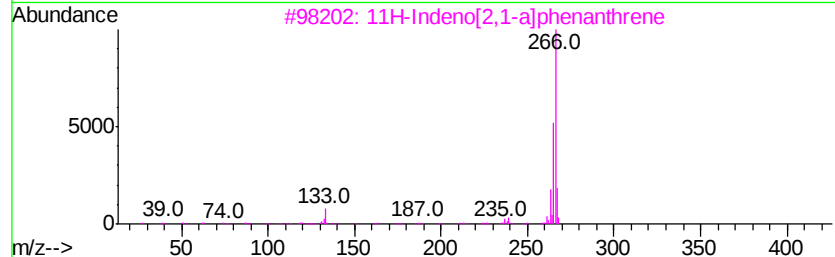
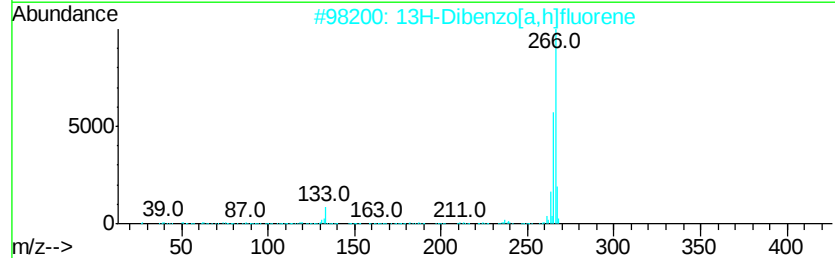
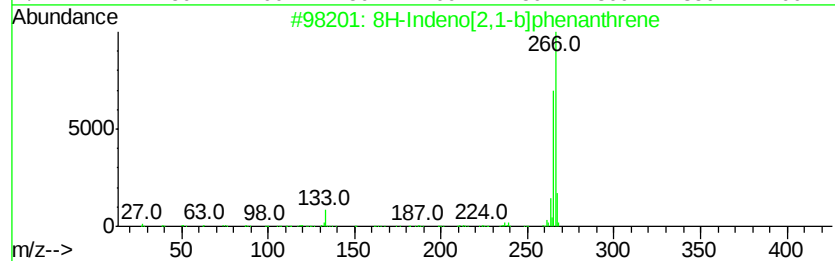
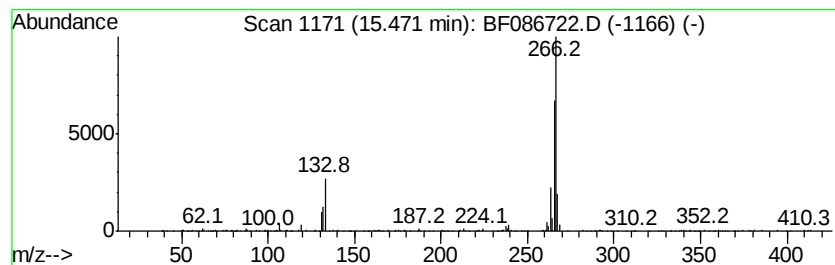
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 8H-Indeno[2,1-b]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	39.04 ng	567939	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	96
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	95
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	86
4		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	53
5		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086722.D
 Acq On : 5 May 2016 23:12
 Operator : UM/SJ
 Sample : H2762-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B4COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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...	4.90	19.6	ng	542276	1	6.73	1106030	40.0
Ethylbenzene	5.16	27.8	ng	767374	1	6.73	1106030	40.0
unknown6.50	6.50	184.5	ng	5101080	1	6.73	1106030	40.0
Benzene, 1,2,3-tr...	6.56	46.8	ng	1292540	1	6.73	1106030	40.0
Indene	6.99	78.8	ng	2179780	1	6.73	1106030	40.0
Naphthalene, 1-et...	9.29	35.9	ng	2805850	3	9.77	3130280	40.0
Naphthalene, 1,6-...	9.37	74.1	ng	5799600	3	9.77	3130280	40.0
Naphthalene, 2,3-...	9.44	80.3	ng	6287370	3	9.77	3130280	40.0
Naphthalene, 1,7-...	9.55	47.9	ng	3745830	3	9.77	3130280	40.0
Naphthalene, 1,6,...	10.09	22.7	ng	1775850	3	9.77	3130280	40.0
Naphthalene, 1,4,...	10.17	22.6	ng	1767590	3	9.77	3130280	40.0
1H-Phenylene	10.22	20.7	ng	1619760	3	9.77	3130280	40.0
1-Isopropenyl naph...	10.38	21.2	ng	1657450	3	9.77	3130280	40.0
Dibenzofuran, 4-m...	10.48	23.7	ng	1852020	3	9.77	3130280	40.0
11H-Benzo[a]fluorene	13.01	23.7	ng	3186190	5	13.89	5384780	40.0
Benzo[e]pyrene	15.16	84.0	ng	1221710	6	15.28	581951	40.0
8H-Indeno[2,1-b]p...	15.47	39.0	ng	567939	6	15.28	581951	40.0