

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083430.D
 Acq On : 2 Dec 2015 21:19
 Operator : UM/IZ
 Sample : G4584-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-16(4-11)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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	4.647	257	259	268	rVB	719523	1220571	3.42%	0.474%
2	4.921	280	283	286	rBV	1735442	2002694	5.62%	0.778%
3	5.047	291	294	299	rBV	1067201	1630585	4.58%	0.634%
4	5.127	299	301	310	rBV	3806346	4115894	11.55%	1.599%
5	5.321	315	318	321	rBV	965407	1303901	3.66%	0.507%
6	6.053	379	382	384	rBV	639098	692690	1.94%	0.269%
7	6.213	394	396	398	rVV	4311011	4653690	13.06%	1.808%
8	6.316	403	405	407	rVV	4153693	4383371	12.30%	1.703%
9	6.373	407	410	413	rVV2	1668003	2533687	7.11%	0.984%
10	6.533	423	424	426	rBV	683144	883957	2.48%	0.343%
11	6.693	436	438	443	rVB	3042979	3330717	9.35%	1.294%
12	6.807	445	448	450	rVV	4995907	5707929	16.02%	2.218%
13	7.116	468	475	477	rVV	2595521	3445935	9.67%	1.339%
14	7.162	477	479	482	rVV2	939269	1307935	3.67%	0.508%
15	7.584	513	516	517	rVV	1096509	1568493	4.40%	0.609%
16	7.619	517	519	521	rVV2	876869	1306998	3.67%	0.508%
17	7.790	531	534	536	rBV3	260063	529747	1.49%	0.206%
18	7.882	536	542	544	rBV	13677630	35637993	100.00%	13.846%
19	8.133	558	564	565	rBV4	415701	690167	1.94%	0.268%
20	8.236	571	573	574	rVV	370464	501017	1.41%	0.195%
21	8.282	574	577	580	rVV3	852092	1598321	4.48%	0.621%
22	8.396	584	587	589	rVV3	333983	777440	2.18%	0.302%
23	8.442	589	591	593	rVV	2329205	2939984	8.25%	1.142%
24	8.499	593	596	597	rVV3	376516	830645	2.33%	0.323%
25	8.545	597	600	603	rVV	5971843	9002637	25.26%	3.498%
26	8.647	606	609	611	rVV	4629776	5866850	16.46%	2.279%
27	8.750	613	618	619	rVV2	540564	1198750	3.36%	0.466%
28	8.807	622	623	625	rVV	517386	520293	1.46%	0.202%
29	8.876	625	629	630	rVV	969027	1489062	4.18%	0.579%
30	8.910	630	632	634	rVV	4430078	4401794	12.35%	1.710%
31	9.013	638	641	643	rVV	4828252	6386439	17.92%	2.481%
32	9.105	646	649	652	rVV	543431	1229993	3.45%	0.478%
33	9.173	652	655	656	rVV	1204466	1925404	5.40%	0.748%
34	9.196	656	657	659	rVV2	445581	679937	1.91%	0.264%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.242	659	661	662 rVV	1994370	2318785	6.51%	0.901%
36	9.310	665	667	670 rVV2	3316210	5224485	14.66%	2.030%
37	9.356	670	671	675 rVV2	936288	1596224	4.48%	0.620%
38	9.448	675	679	681 rVV	7662155	9810899	27.53%	3.812%
39	9.539	685	687	688 rVV	3561560	3732512	10.47%	1.450%
40	9.573	688	690	692 rVV	1821967	2584495	7.25%	1.004%
41	9.608	692	693	698 rVV2	1330193	1593687	4.47%	0.619%
42	9.688	698	700	702 rVV	317367	571413	1.60%	0.222%
43	9.779	704	708	710 rVV3	1050134	2018201	5.66%	0.784%
44	9.825	710	712	713 rVV	616258	844690	2.37%	0.328%
45	9.859	713	715	716 rVV	665684	933177	2.62%	0.363%
46	9.893	716	718	719 rVV	891640	1125489	3.16%	0.437%
47	9.928	719	721	724 rVV2	297675	660310	1.85%	0.257%
48	9.985	724	726	728 rVV2	450666	916050	2.57%	0.356%
49	10.030	728	730	732 rVV	3587623	3734671	10.48%	1.451%
50	10.088	732	735	736 rVV	764079	1121970	3.15%	0.436%
51	10.122	736	738	742 rVV	3694851	4165141	11.69%	1.618%
52	10.190	742	744	746 rVV3	281209	596488	1.67%	0.232%
53	10.248	746	749	751 rVV2	1162360	2044056	5.74%	0.794%
54	10.305	752	754	755 rVV	426162	585376	1.64%	0.227%
55	10.362	755	759	761 rVB3	2744143	4203946	11.80%	1.633%
56	10.510	769	772	776 rBV	2894254	3981126	11.17%	1.547%
57	10.682	783	787	789 rBV2	525634	951907	2.67%	0.370%
58	11.002	812	815	817 rVV2	2305962	3240707	9.09%	1.259%
59	11.036	817	818	821 rVB	625730	669285	1.88%	0.260%
60	11.162	822	829	831 rBV	8497113	14887024	41.77%	5.784%
61	11.208	831	833	835 rVV	3697235	3811247	10.69%	1.481%
62	11.471	853	856	857 rVV2	499004	651255	1.83%	0.253%
63	11.516	857	860	863 rVV2	1384664	2006886	5.63%	0.780%
64	11.722	875	878	879 rVV	1345639	1596488	4.48%	0.620%
65	11.756	879	881	884 rVB	1482600	1678547	4.71%	0.652%
66	11.813	884	886	888 rBV	878473	1130501	3.17%	0.439%
67	11.859	888	890	891 rVV	2389609	2915288	8.18%	1.133%
68	11.882	891	892	895 rVV	788495	1028517	2.89%	0.400%
69	12.042	903	906	908 rVV	833724	1220775	3.43%	0.474%
70	12.099	909	911	918 rVB	1162526	1778004	4.99%	0.691%
71	12.431	937	940	943 rBV2	586962	1099916	3.09%	0.427%

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72	12.488	943	945	946	rVV2	324467	561095	1.57%	0.218%
73	12.568	949	952	955	rVB2	763847	969173	2.72%	0.377%
74	12.659	956	960	962	rBV	4057121	6261030	17.57%	2.433%
75	12.774	968	970	973	rVB	1616865	2174970	6.10%	0.845%
76	12.968	983	987	990	rVV	4953073	8408139	23.59%	3.267%
77	13.208	1004	1008	1010	rVV	2611064	3946128	11.07%	1.533%
78	13.288	1012	1015	1021	rVB	287761	560878	1.57%	0.218%
79	13.436	1022	1028	1031	rVB	807308	1596875	4.48%	0.620%
80	13.539	1034	1037	1039	rVV	587472	862696	2.42%	0.335%
81	13.585	1039	1041	1043	rVV	476054	582757	1.64%	0.226%
82	13.711	1047	1052	1054	rVV2	409495	811914	2.28%	0.315%
83	13.757	1054	1056	1060	rVB	397212	626876	1.76%	0.244%
84	14.008	1073	1078	1082	rVV4	188839	555335	1.56%	0.216%
85	14.157	1087	1091	1093	rVV2	250974	588635	1.65%	0.229%
86	14.339	1103	1107	1109	rVV2	243842	534809	1.50%	0.208%
87	14.385	1109	1111	1112	rVV	389096	582778	1.64%	0.226%
88	14.408	1112	1113	1116	rVV	402304	661117	1.86%	0.257%
89	14.637	1131	1133	1137	rBV2	258155	654116	1.84%	0.254%
90	14.717	1137	1140	1143	rVV3	1876520	4487328	12.59%	1.743%
91	14.774	1143	1145	1147	rVB	1530807	1864844	5.23%	0.725%
92	16.282	1274	1277	1284	rBV	920457	2493711	7.00%	0.969%
93	16.420	1285	1289	1292	rBV	320940	510985	1.43%	0.199%
94	16.648	1306	1309	1312	rVB	812658	1149246	3.22%	0.447%
95	16.728	1312	1316	1319	rBV	1388525	2228202	6.25%	0.866%
96	16.797	1319	1322	1324	rVV	651968	1062613	2.98%	0.413%
97	17.037	1336	1343	1348	rBV3	134610	483316	1.36%	0.188%
98	18.168	1439	1442	1446	rBV2	615581	1118998	3.14%	0.435%
99	18.534	1471	1474	1483	rVB	576028	1197476	3.36%	0.465%
100	18.740	1488	1492	1496	rVV	278268	522680	1.47%	0.203%

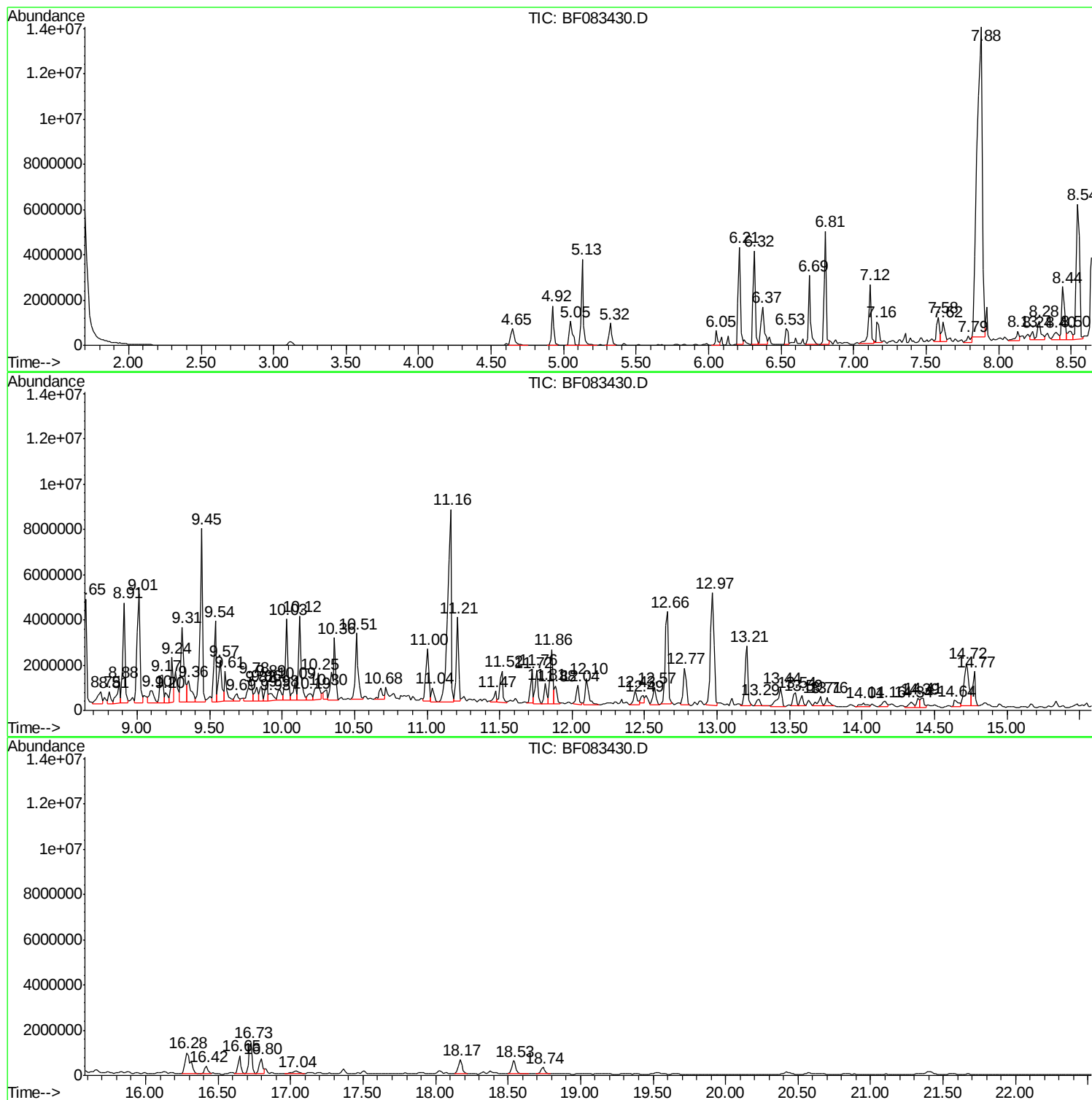
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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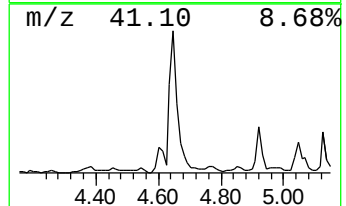
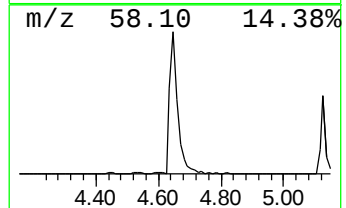
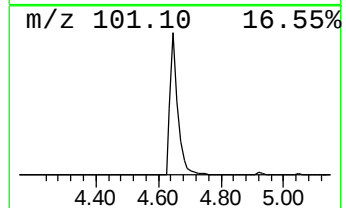
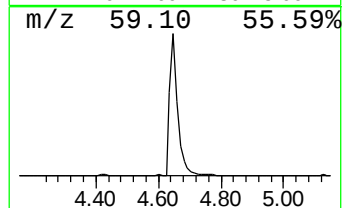
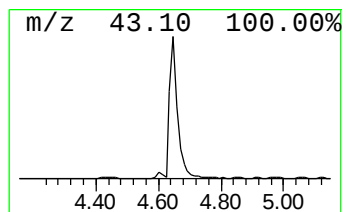
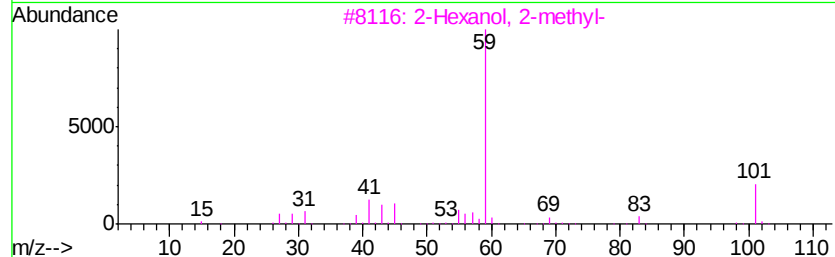
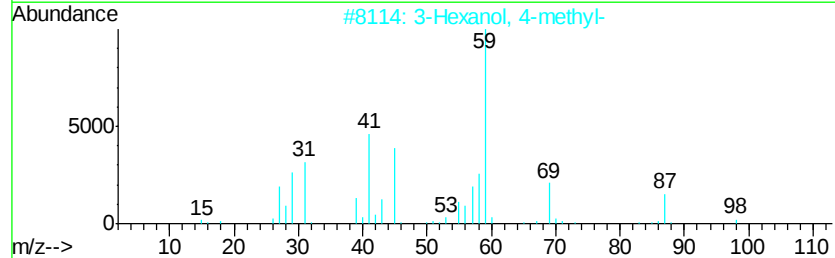
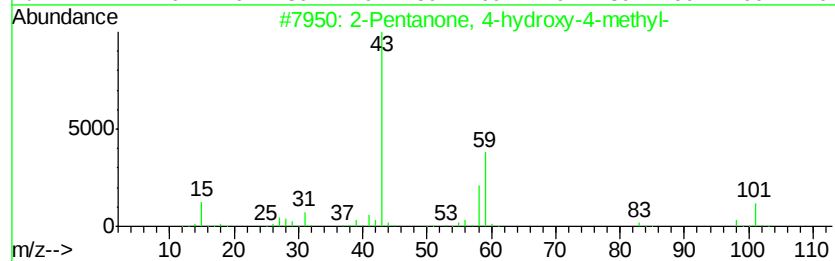
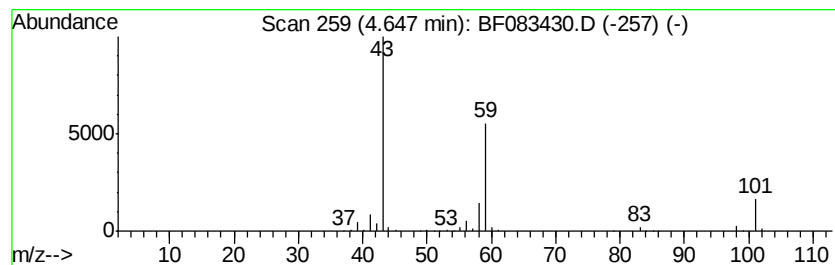
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.65	27.62 ng	1220570	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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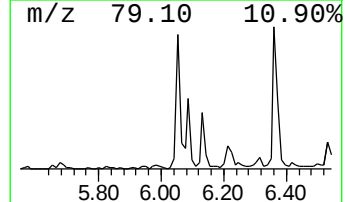
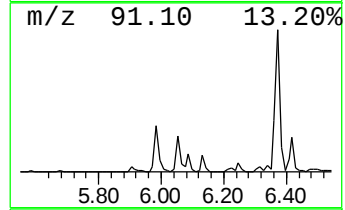
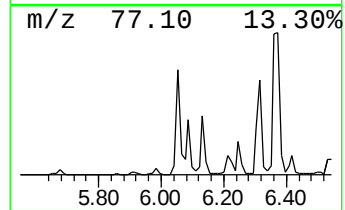
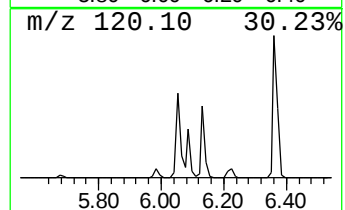
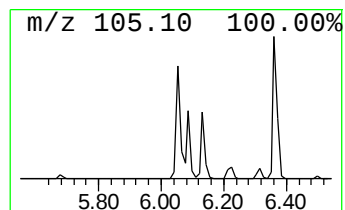
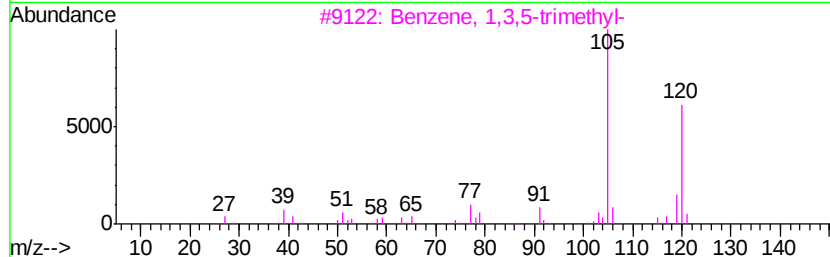
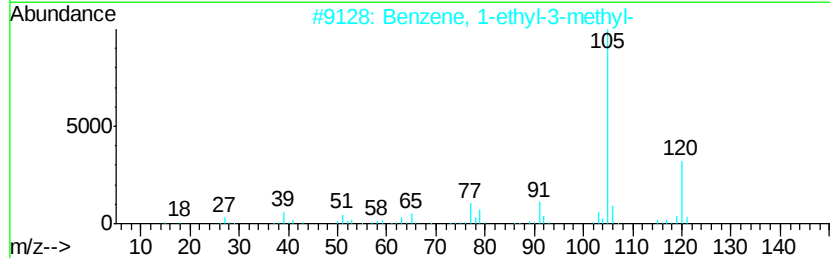
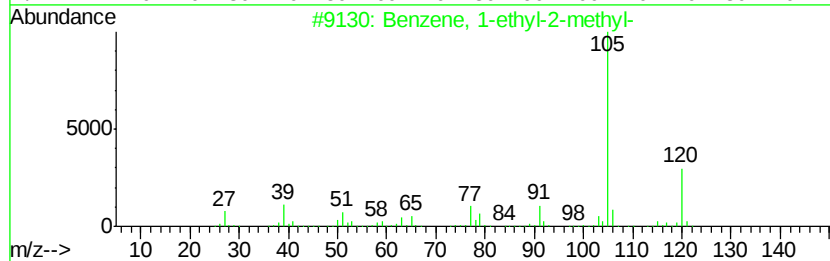
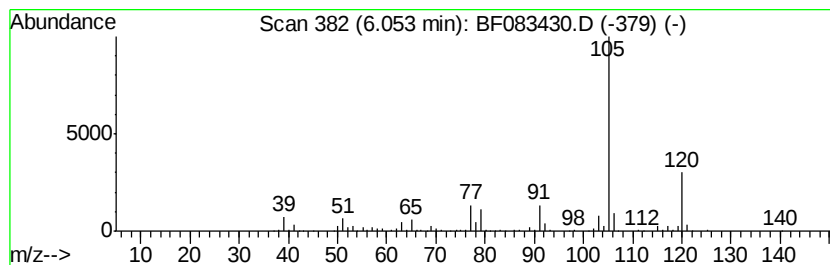
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	15.67 ng	692690	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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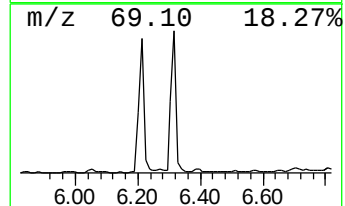
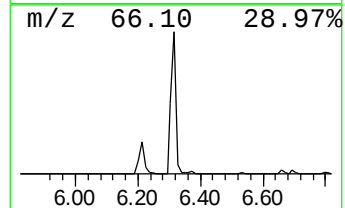
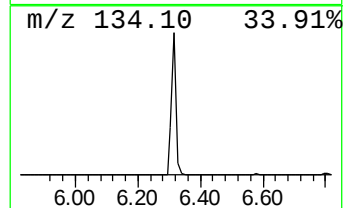
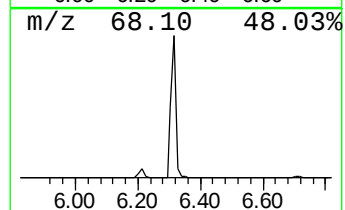
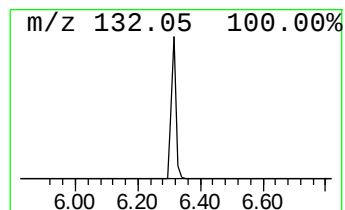
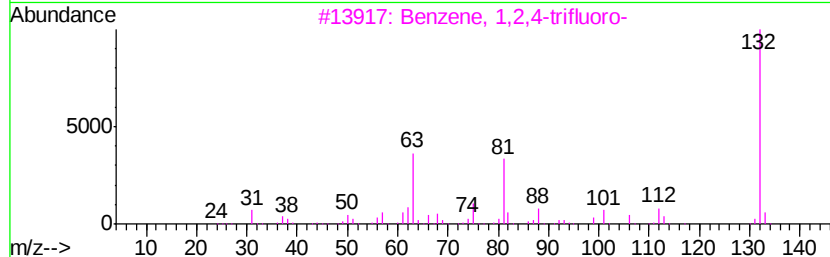
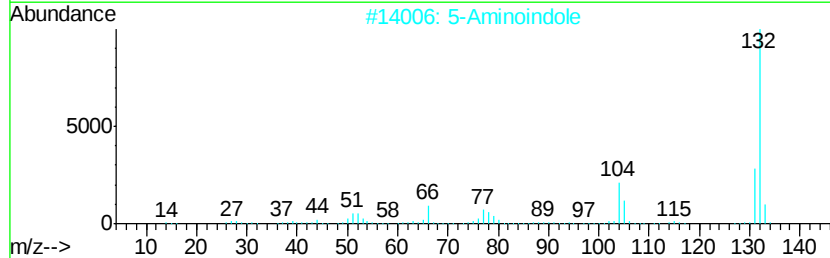
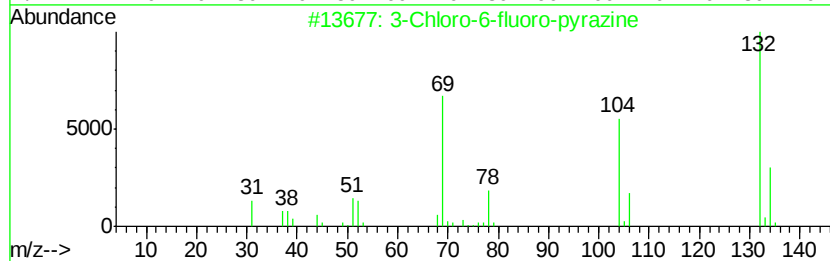
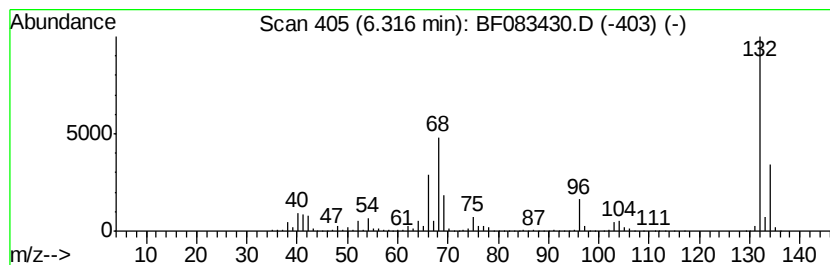
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	99.18 ng	4383370	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

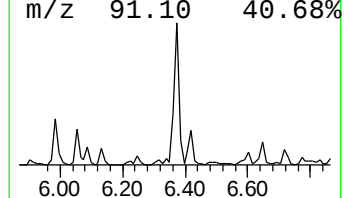
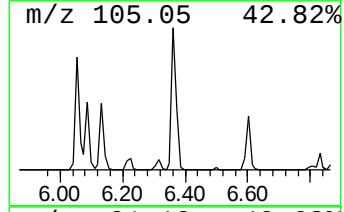
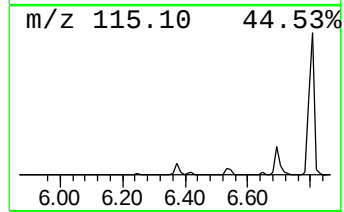
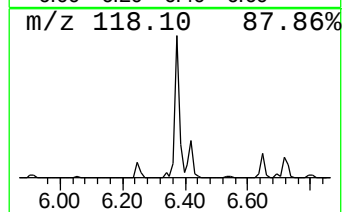
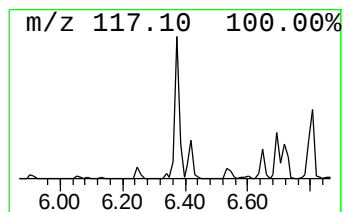
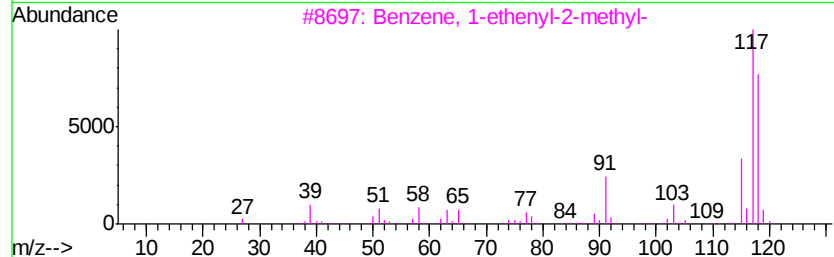
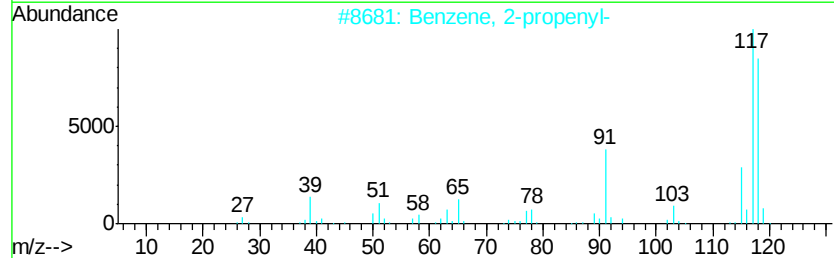
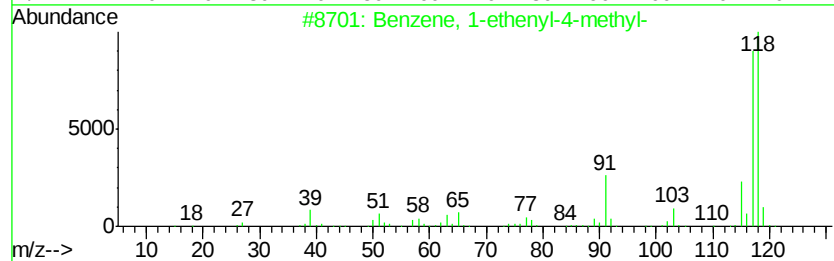
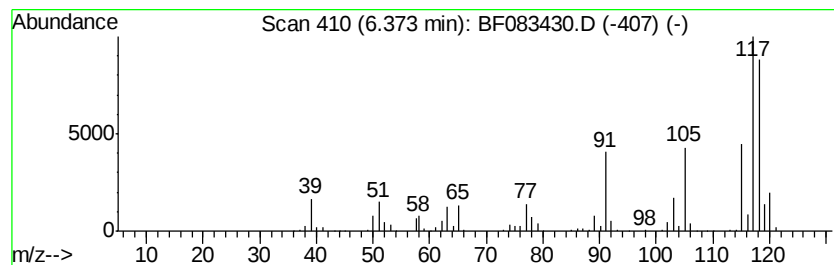
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	57.33 ng	2533690	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
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ClientSampleId :
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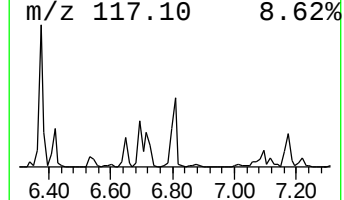
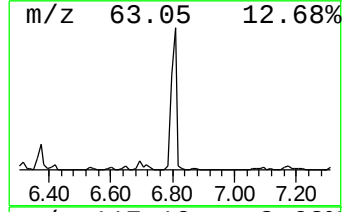
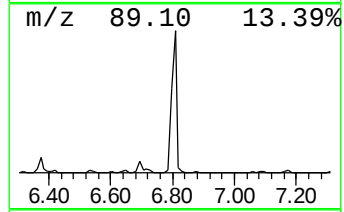
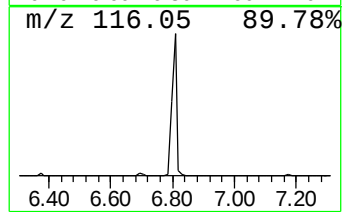
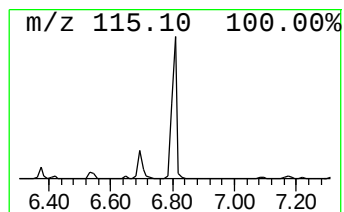
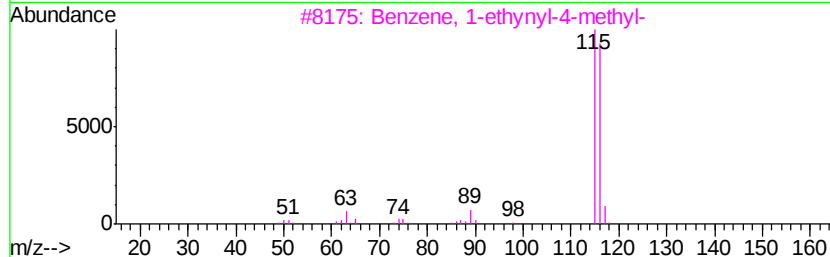
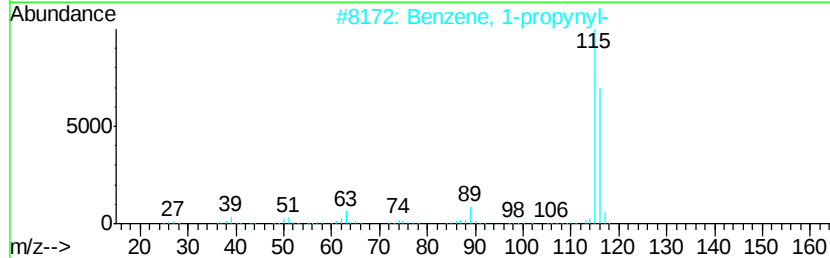
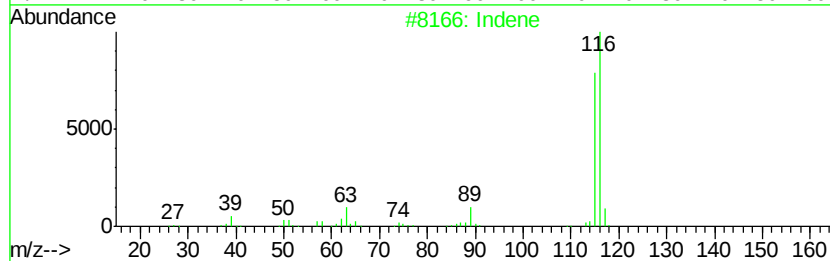
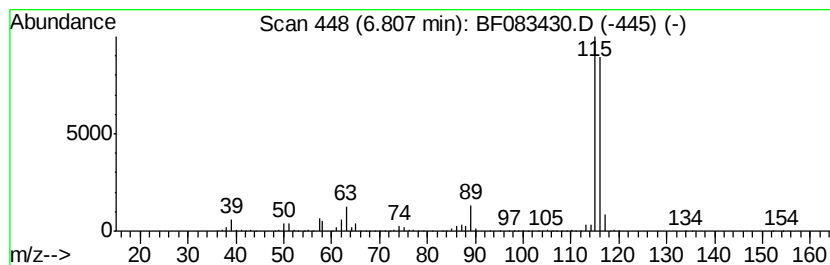
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	129.15 ng	5707930	1,4-Dichlorobenzene-d4	6.54

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	94
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
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ClientSampleId :
SB-P3WC-16(4-11)

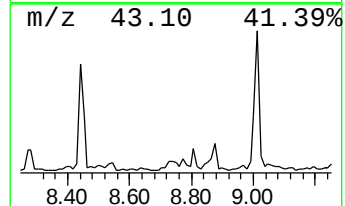
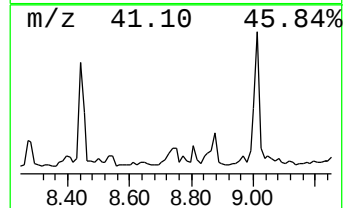
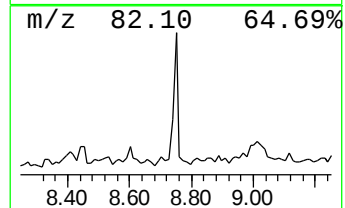
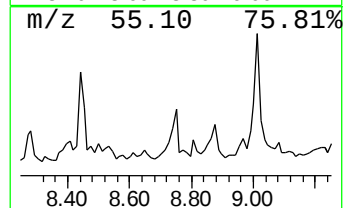
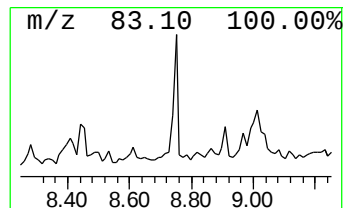
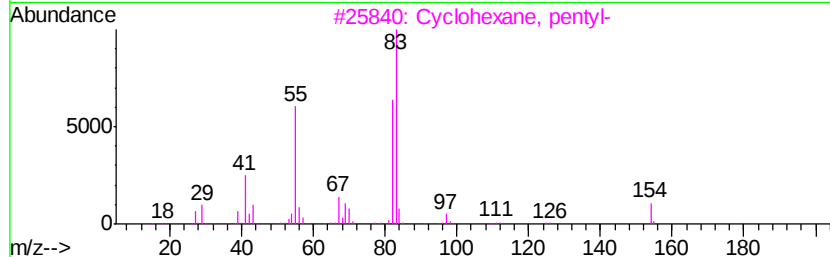
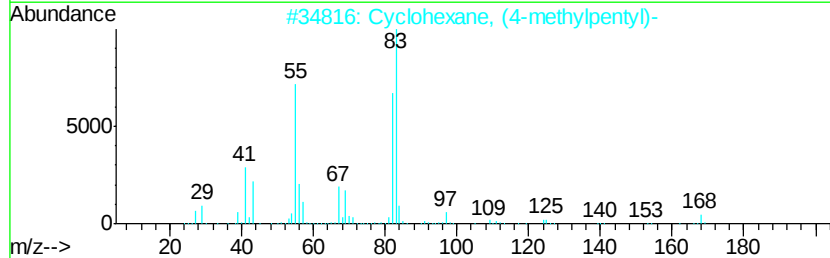
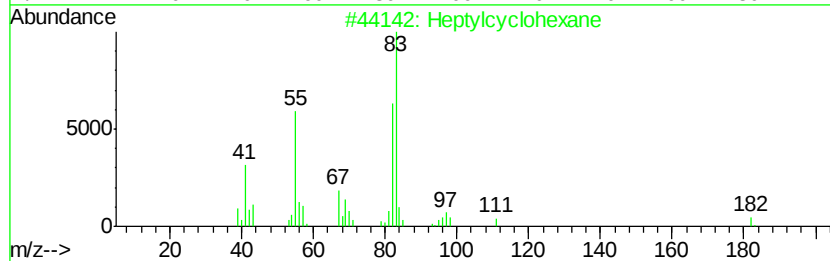
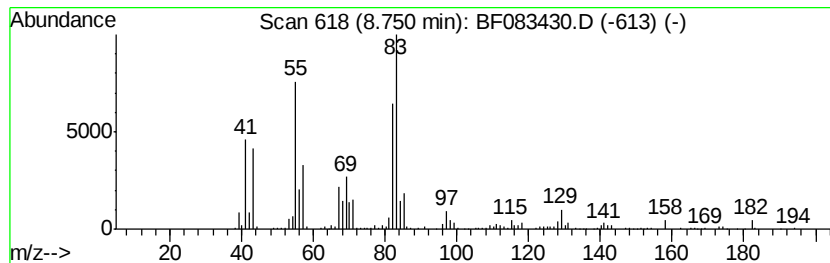
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	9.28 ng	1198750	Acenaphthene-d10	9.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	87
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	78
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-16(4-11)

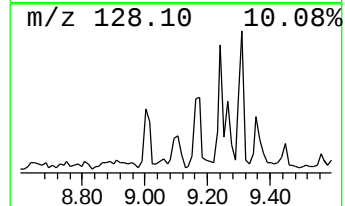
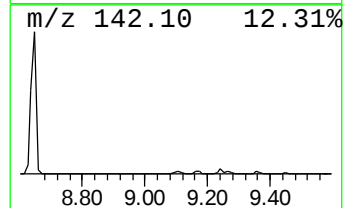
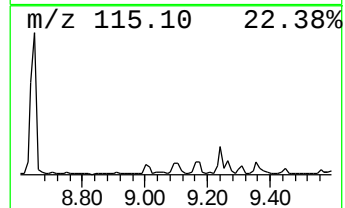
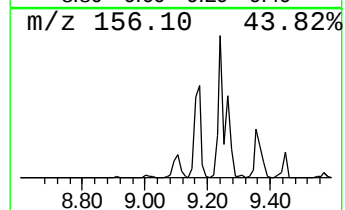
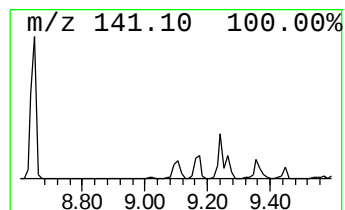
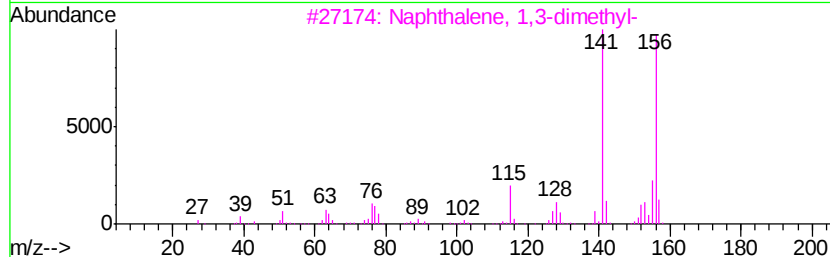
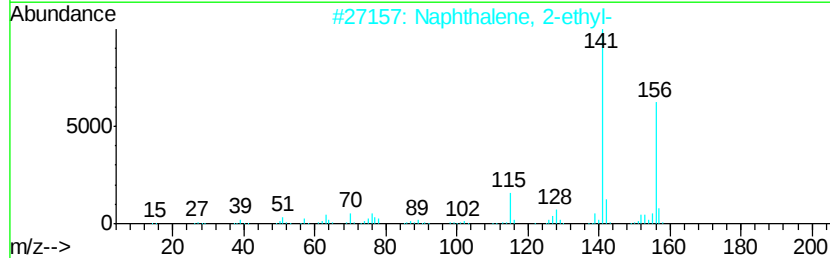
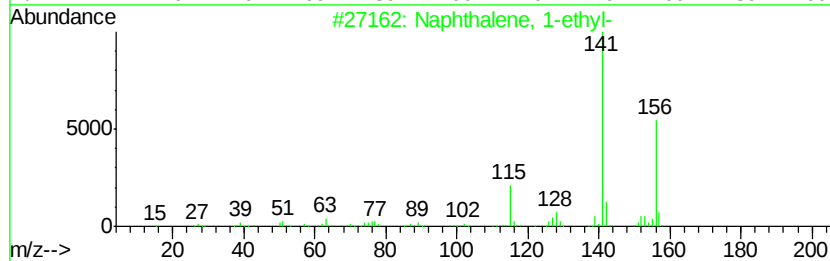
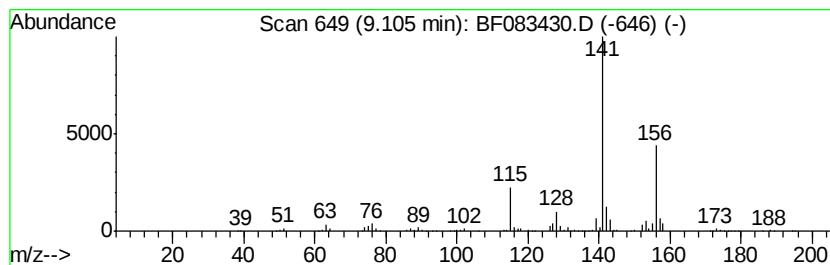
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	9.52 ng	1229990	Acenaphthene-d10	9.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5			2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083430.D
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Misc :
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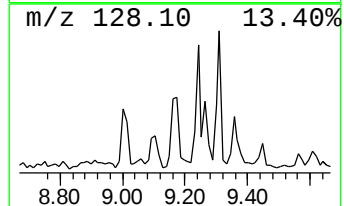
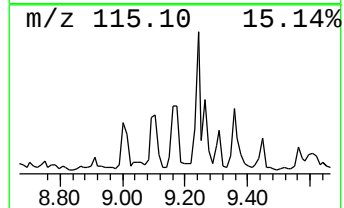
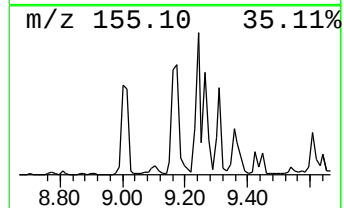
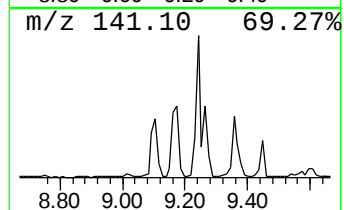
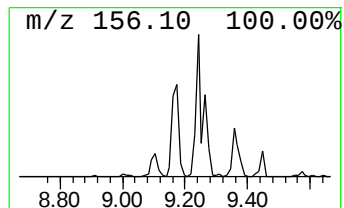
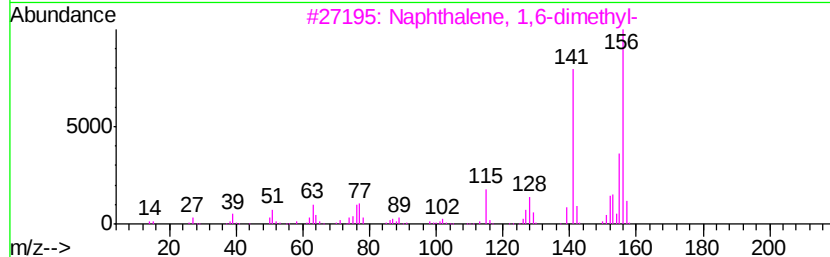
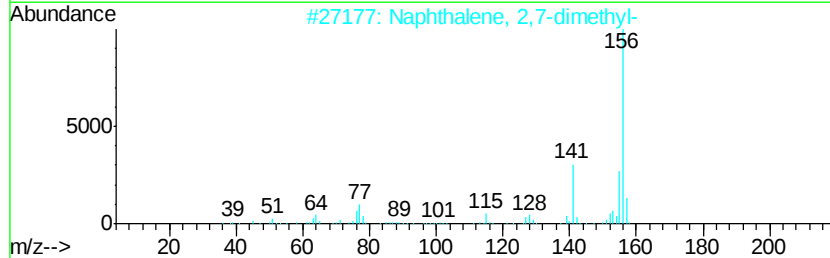
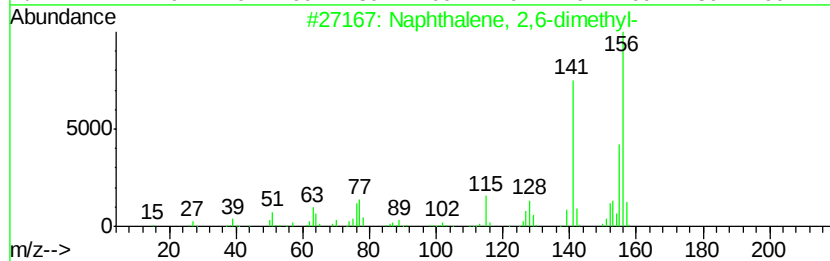
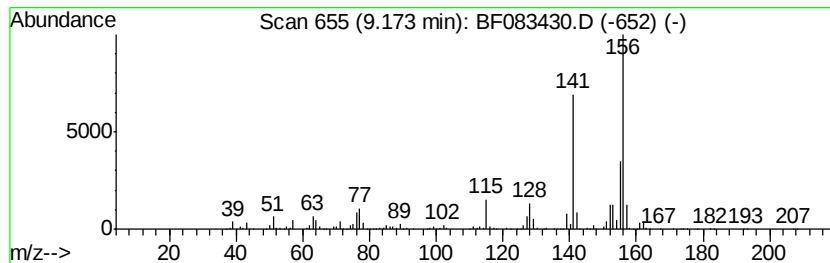
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	14.90 ng	1925400	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
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ALS Vial : 19 Sample Multiplier: 1

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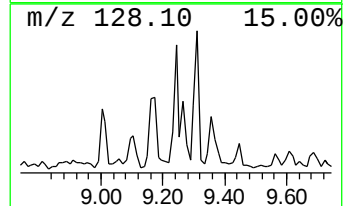
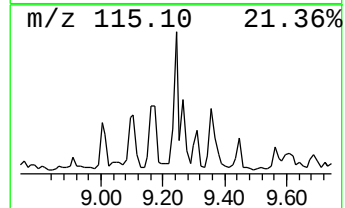
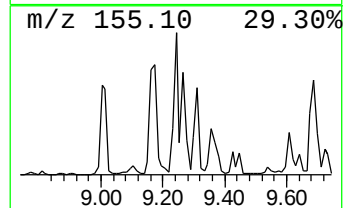
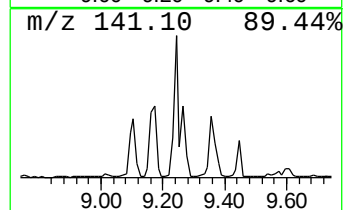
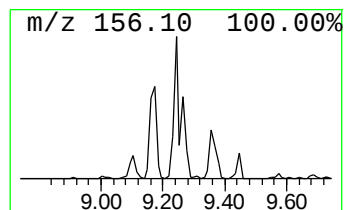
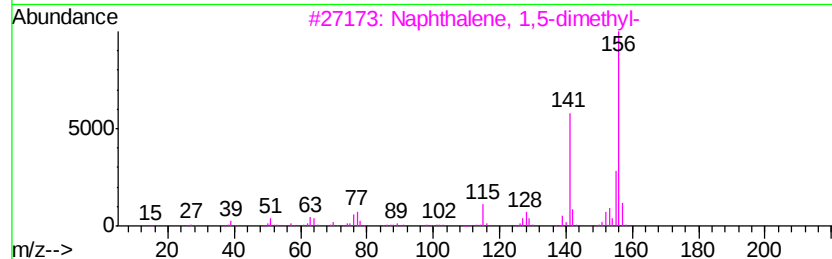
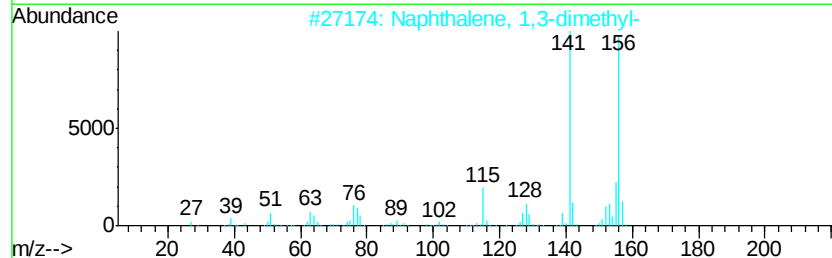
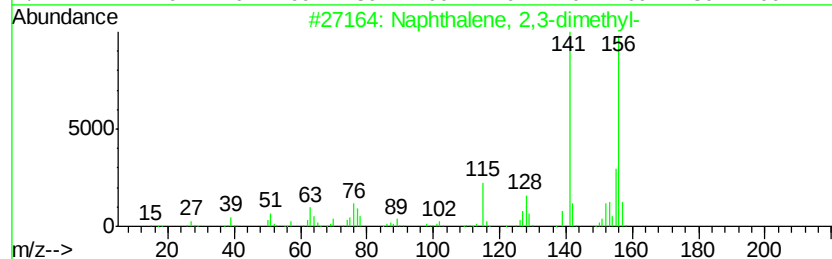
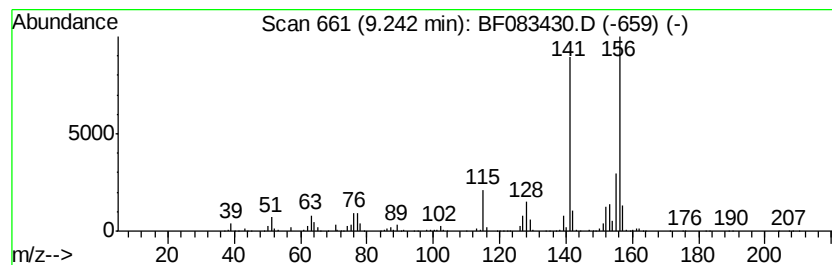
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	17.94 ng	2318790	Acenaphthene-d10	9.57

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
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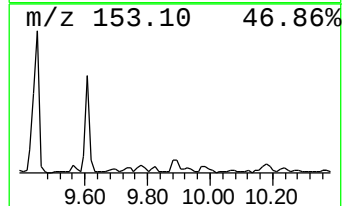
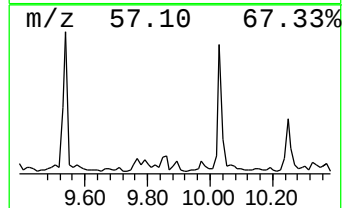
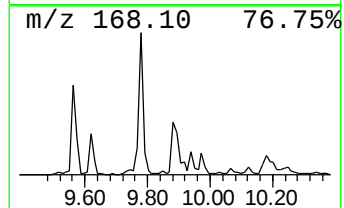
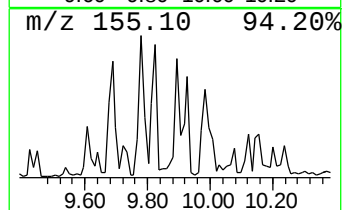
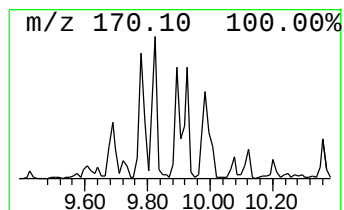
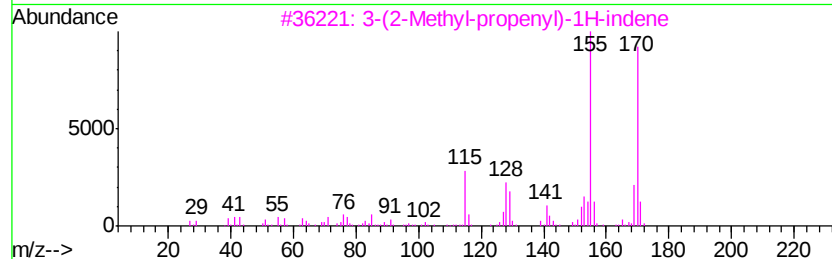
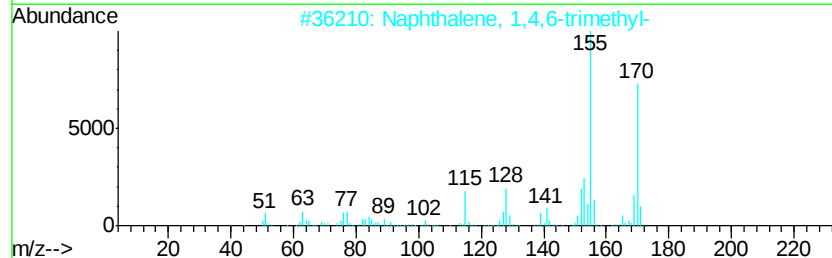
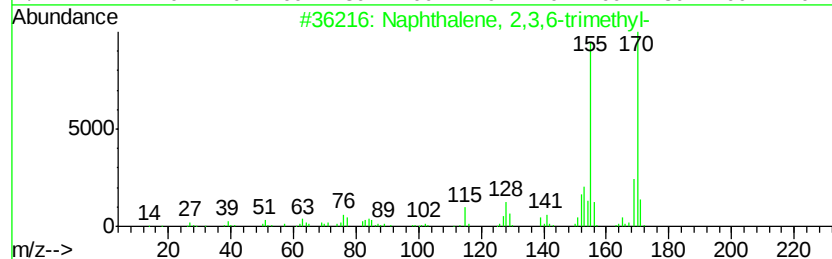
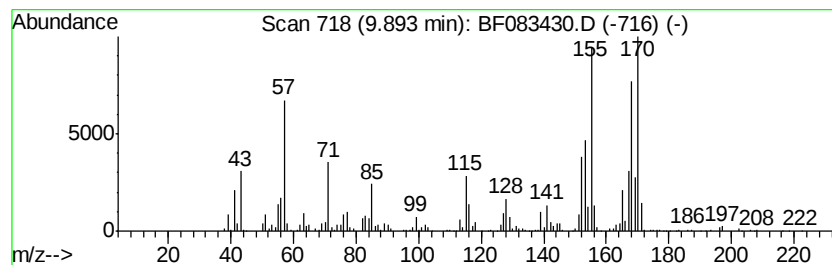
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	8.71 ng	1125490	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

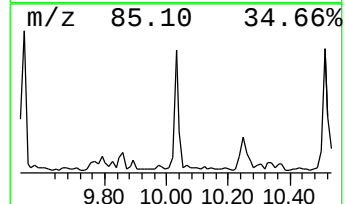
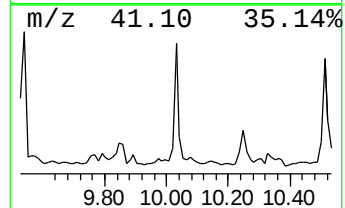
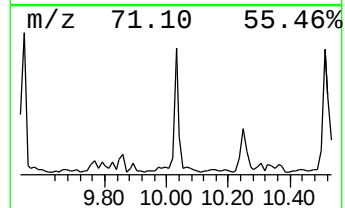
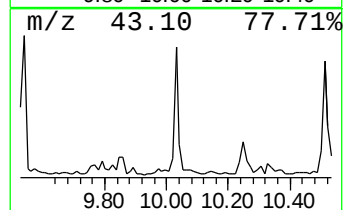
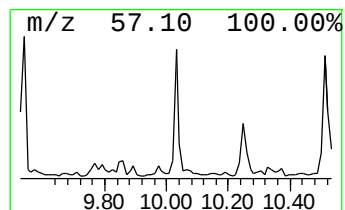
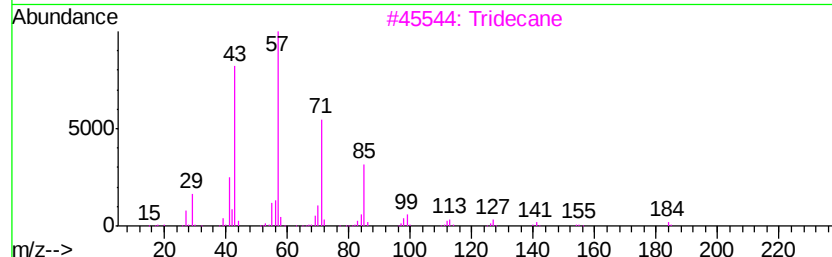
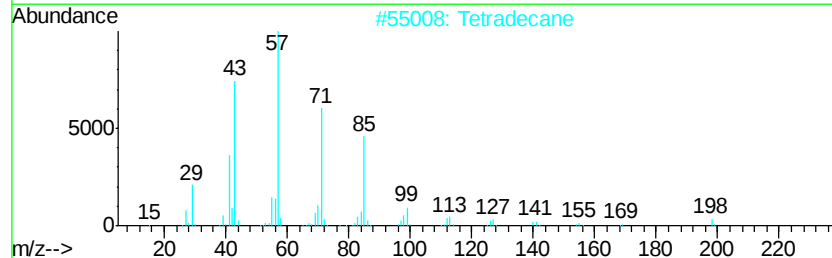
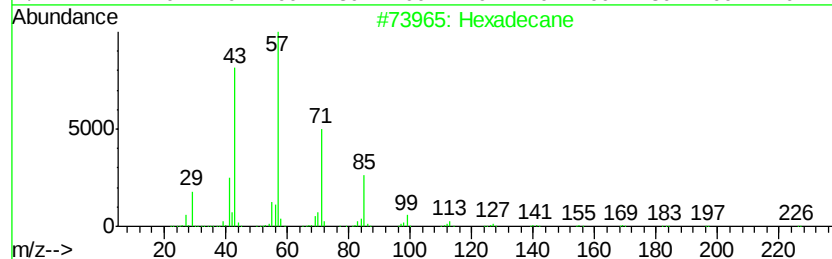
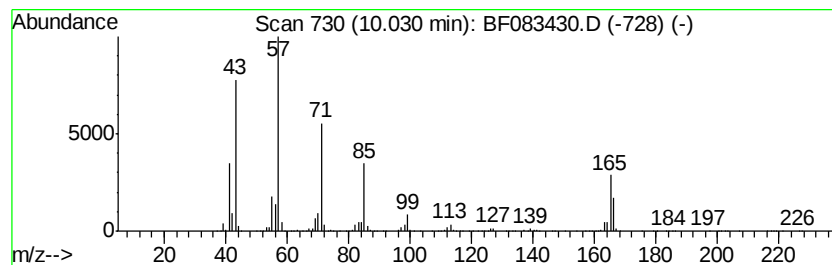
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	28.90 ng	3734670	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Tetradecane	198	C14H30	000629-59-4	58
3		Tridecane	184	C13H28	000629-50-5	58
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

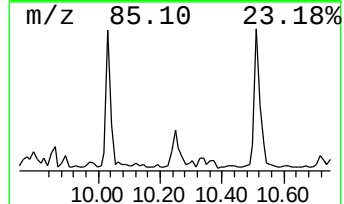
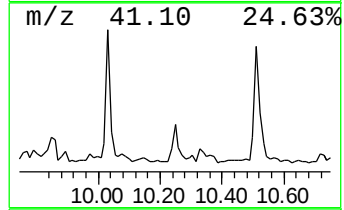
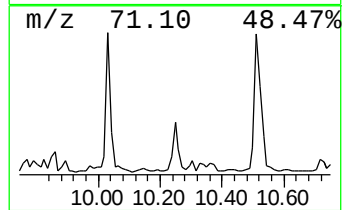
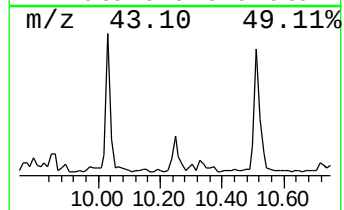
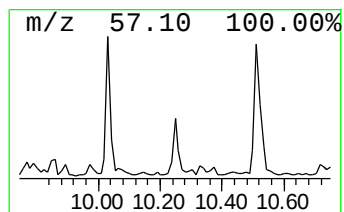
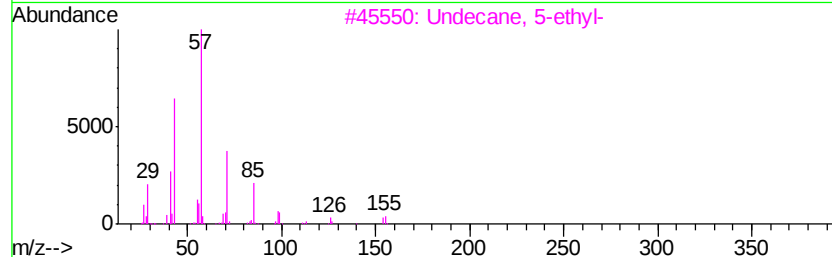
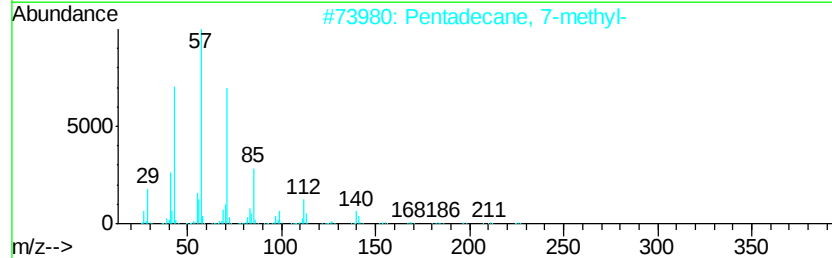
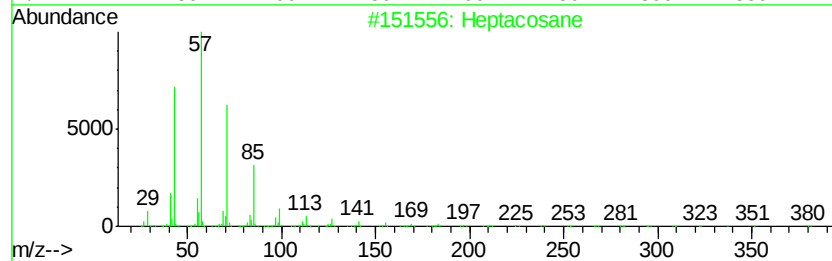
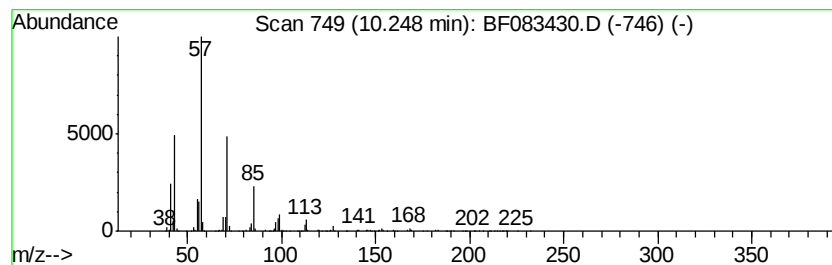
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	15.82 ng	2044060	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

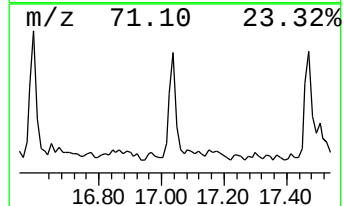
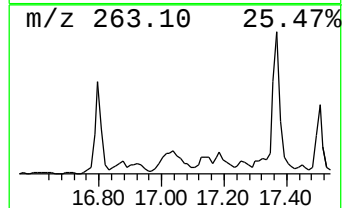
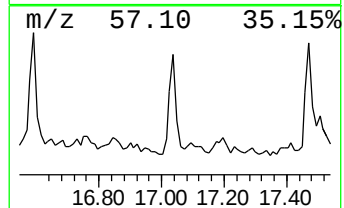
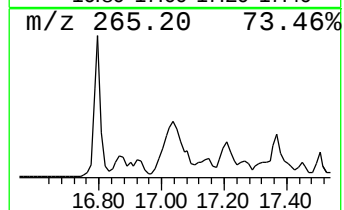
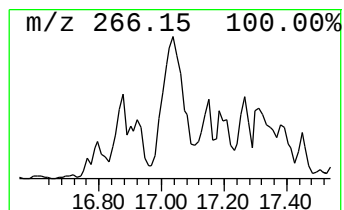
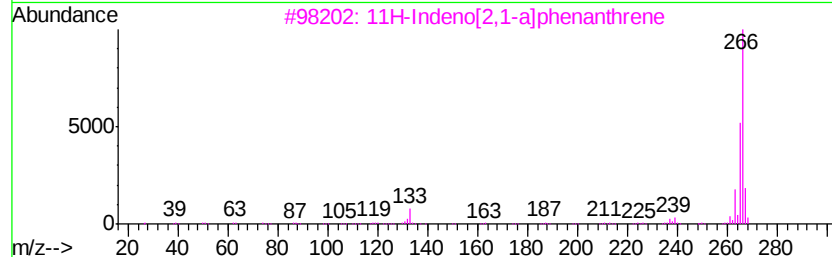
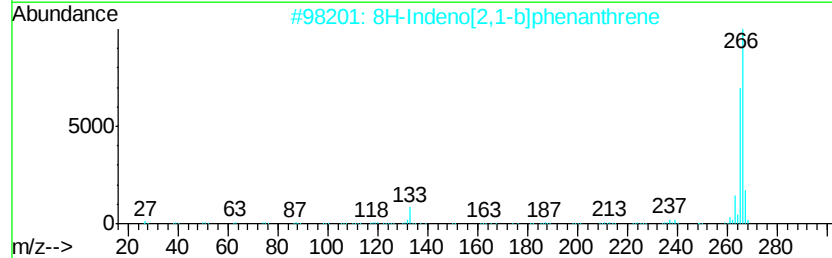
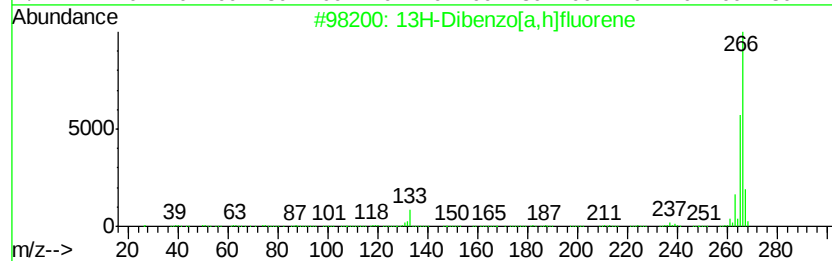
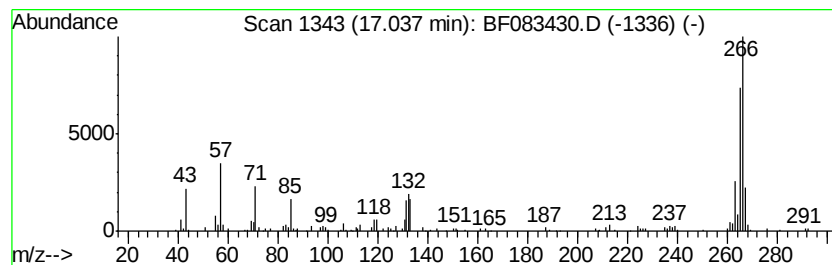
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13H-Dibenzo[a,h]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	9.10 ng	483316	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	94
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	87
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	74
4		Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	70
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083430.D
Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

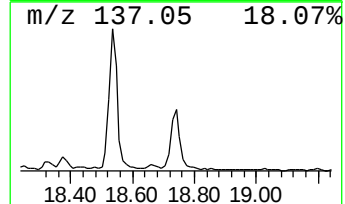
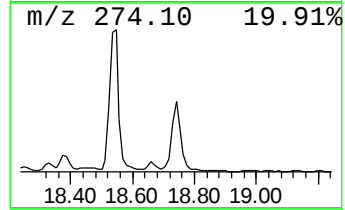
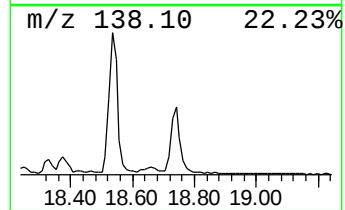
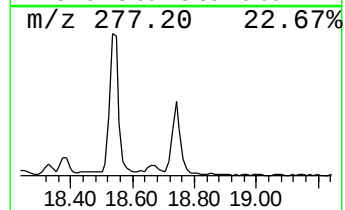
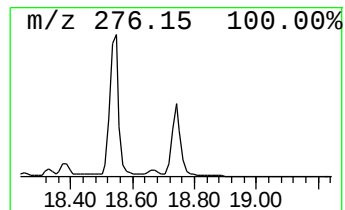
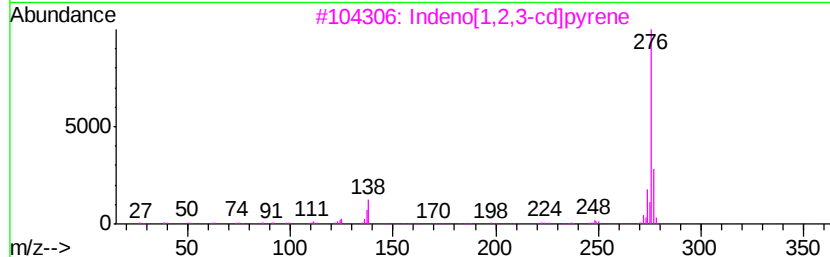
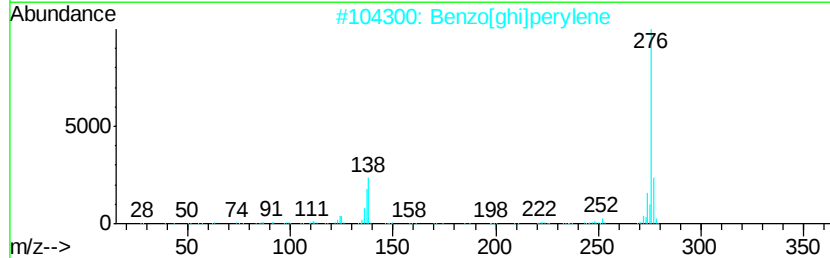
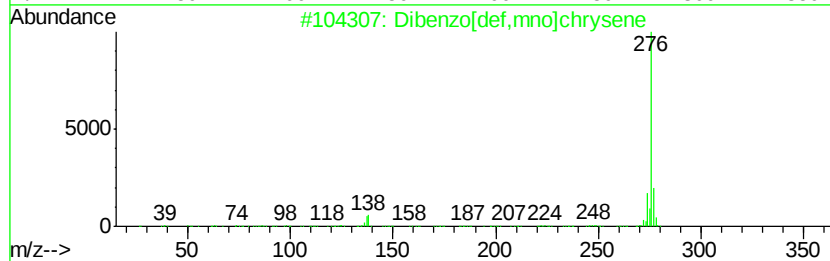
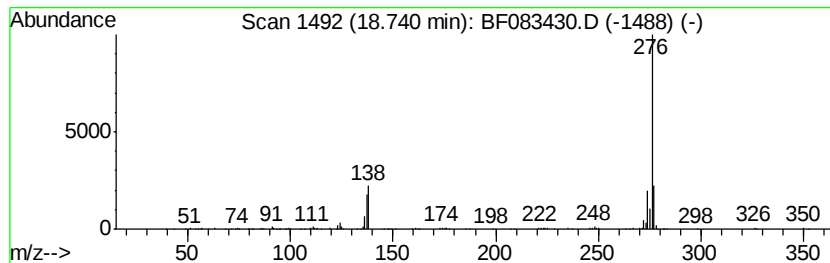
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	9.84 ng	522680	Perylene-d12	16.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4			Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	59
5			1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 2 Dec 2015 21:19
Operator : UM/IZ
Sample : G4584-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-16(4-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	27.6	ng	1220570	1	6.54	883957	20.0
Benzene, 1-ethyl-...	6.05	15.7	ng	692690	1	6.54	883957	20.0
unknown6.32	6.32	99.2	ng	4383370	1	6.54	883957	20.0
Benzene, 1-etheny...	6.37	57.3	ng	2533690	1	6.54	883957	20.0
Indene	6.81	129.2	ng	5707930	1	6.54	883957	20.0
Heptylcyclohexane	8.75	9.3	ng	1198750	3	9.57	2584500	20.0
Naphthalene, 1-et...	9.10	9.5	ng	1229990	3	9.57	2584500	20.0
Naphthalene, 2,6-...	9.17	14.9	ng	1925400	3	9.57	2584500	20.0
Naphthalene, 2,3-...	9.24	17.9	ng	2318790	3	9.57	2584500	20.0
Naphthalene, 2,3,...	9.89	8.7	ng	1125490	3	9.57	2584500	20.0
Hexadecane	10.03	28.9	ng	3734670	3	9.57	2584500	20.0
Heptacosane	10.25	15.8	ng	2044060	3	9.57	2584500	20.0
13H-Dibenzo[a,h]f...	17.04	9.1	ng	483316	6	16.80	1062610	20.0
Dibenzo[def,mno]c...	18.74	9.8	ng	522680	6	16.80	1062610	20.0