

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085236.D
 Acq On : 5 Mar 2016 6:49
 Operator : SJ/IZ
 Sample : H1683-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP(0.5-5.0)

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-BF030316.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	5.190	251	254	259	rVB	805225	1425499	26.43%	1.088%
2	5.578	285	288	291	rBV	3372797	5392567	100.00%	4.114%
3	5.887	312	315	320	rVV7	110830	325342	6.03%	0.248%
4	6.219	338	344	347	rVV4	131319	442669	8.21%	0.338%
5	6.504	367	369	372	rBV4	188431	417717	7.75%	0.319%
6	6.596	372	377	380	rVB	3306238	4264826	79.09%	3.254%
7	6.744	386	390	392	rBV	3979540	5209280	96.60%	3.974%
8	6.973	408	410	412	rVB2	1048310	1370550	25.42%	1.046%
9	7.087	416	420	421	rBV3	142099	281589	5.22%	0.215%
10	7.133	421	424	425	rBV	2863031	3659541	67.86%	2.792%
11	7.247	427	434	435	rBV3	396753	751546	13.94%	0.573%
12	7.282	435	437	438	rBV	224384	313159	5.81%	0.239%
13	7.304	438	439	441	rVB	199216	269386	5.00%	0.206%
14	7.362	441	444	446	rBV2	413827	720216	13.36%	0.549%
15	7.453	450	452	454	rVB2	180562	282500	5.24%	0.216%
16	7.533	454	459	464	rBV2	2632162	4410022	81.78%	3.365%
17	7.613	464	466	468	rBV2	538373	840076	15.58%	0.641%
18	7.682	468	472	474	rBV2	432408	1132990	21.01%	0.864%
19	7.773	474	480	482	rBV6	599098	1753723	32.52%	1.338%
20	7.876	485	489	490	rBV2	428610	877081	16.26%	0.669%
21	7.899	490	491	493	rVV2	563430	593864	11.01%	0.453%
22	7.933	493	494	496	rVB2	501954	576347	10.69%	0.440%
23	7.990	496	499	503	rBV4	626274	1822121	33.79%	1.390%
24	8.127	509	511	513	rVB2	337122	452843	8.40%	0.345%
25	8.207	515	518	519	rBV2	460435	681862	12.64%	0.520%
26	8.253	519	522	525	rBV3	1228258	2271964	42.13%	1.733%
27	8.322	525	528	529	rBV2	2298474	2987119	55.39%	2.279%
28	8.459	539	540	541	rVB	743794	509871	9.46%	0.389%
29	8.550	547	548	551	rVV3	1067985	876524	16.25%	0.669%
30	8.607	551	553	554	rVV2	570527	644962	11.96%	0.492%
31	8.642	554	556	557	rVV2	551558	802616	14.88%	0.612%
32	8.676	557	559	562	rVB	1646559	2535490	47.02%	1.934%
33	8.756	565	566	568	rBV	591521	830167	15.39%	0.633%
34	8.802	568	570	573	rBV5	406404	741068	13.74%	0.565%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.847	573	574	576	rBV2	399693	595065	11.03%	0.454%
36	8.950	581	583	586	rVB3	689868	1466041	27.19%	1.118%
37	9.007	586	588	589	rVB2	473680	340929	6.32%	0.260%
38	9.076	591	594	598	rVB3	906200	1684855	31.24%	1.285%
39	9.133	598	599	601	rBV2	436530	841607	15.61%	0.642%
40	9.167	601	602	608	rVB5	710690	1265605	23.47%	0.966%
41	9.282	608	612	614	rBV	2132526	2600341	48.22%	1.984%
42	9.339	614	617	619	rVB	3611928	4537965	84.15%	3.462%
43	9.419	621	624	626	rBV3	991185	1712530	31.76%	1.307%
44	9.487	628	630	631	rVB	597778	637886	11.83%	0.487%
45	9.533	632	634	637	rVB3	580211	645130	11.96%	0.492%
46	9.602	637	640	643	rBV	1120565	1679905	31.15%	1.282%
47	9.670	643	646	647	rBV2	1921527	2401599	44.54%	1.832%
48	9.739	650	652	653	rVB2	2374857	3115364	57.77%	2.377%
49	9.785	655	656	659	rBV2	740282	1211670	22.47%	0.924%
50	9.876	662	664	666	rVB2	565883	768241	14.25%	0.586%
51	9.933	666	669	670	rBV3	626162	1043598	19.35%	0.796%
52	10.013	672	676	677	rBV4	1285322	1876816	34.80%	1.432%
53	10.116	684	685	687	rBV	764424	815212	15.12%	0.622%
54	10.162	687	689	691	rBV2	347546	576811	10.70%	0.440%
55	10.208	691	693	696	rVB2	914421	1406893	26.09%	1.073%
56	10.253	696	697	702	rVB4	1085537	2053840	38.09%	1.567%
57	10.333	702	704	705	rBV	998272	1099049	20.38%	0.838%
58	10.390	707	709	710	rVB	443276	559543	10.38%	0.427%
59	10.436	710	713	715	rBV4	845761	1793680	33.26%	1.368%
60	10.470	715	716	717	rBV	318672	362276	6.72%	0.276%
61	10.562	721	724	727	rBV5	516151	1462787	27.13%	1.116%
62	10.665	731	733	735	rVB	1916106	2398430	44.48%	1.830%
63	10.710	735	737	740	rVB3	497018	841581	15.61%	0.642%
64	10.802	742	745	747	rBV3	2000274	2534224	46.99%	1.933%
65	10.928	754	756	760	rVB	2660773	3748435	69.51%	2.860%
66	11.110	769	772	773	rBV3	484084	830455	15.40%	0.634%
67	11.145	773	775	776	rVB	616780	847003	15.71%	0.646%
68	11.259	783	785	788	rVB3	484550	708727	13.14%	0.541%
69	11.396	795	797	800	rVB	2202062	2505090	46.45%	1.911%
70	11.522	804	808	810	rBV2	1633057	2852597	52.90%	2.176%
71	11.613	814	816	817	rBV	312954	292449	5.42%	0.223%

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72	11.739	825	827	830	rVB2	556761	724368	13.43%	0.553%
73	12.025	848	852	854	rVB2	696612	1312683	24.34%	1.001%
74	12.105	857	859	863	rVB3	672073	1502685	27.87%	1.146%
75	12.471	890	891	895	rVB2	350283	392916	7.29%	0.300%
76	12.551	896	898	899	rVB2	422020	443338	8.22%	0.338%
77	12.711	910	912	914	rVB	2198595	2039270	37.82%	1.556%
78	12.939	929	932	935	rVB	1909160	2206195	40.91%	1.683%
79	13.076	942	944	947	rVV	2294213	3032401	56.23%	2.314%
80	13.156	949	951	957	rVB6	186959	360312	6.68%	0.275%
81	13.259	958	960	964	rVB	355652	480353	8.91%	0.366%
82	13.328	964	966	968	rBV	323942	335922	6.23%	0.256%
83	13.362	968	969	975	rVB2	158660	317432	5.89%	0.242%
84	13.968	1018	1022	1026	rVB4	366804	871830	16.17%	0.665%
85	14.128	1032	1036	1037	rBV2	1359765	2089916	38.76%	1.594%
86	14.517	1065	1070	1071	rBV	183237	273108	5.06%	0.208%
87	14.608	1074	1078	1079	rVV2	157190	290357	5.38%	0.222%
88	14.642	1079	1081	1084	rVV4	125774	332520	6.17%	0.254%
89	14.837	1095	1098	1100	rVV4	192246	413583	7.67%	0.316%
90	14.894	1100	1103	1105	rVV4	171233	420467	7.80%	0.321%
91	14.997	1109	1112	1116	rVV4	216400	401676	7.45%	0.306%
92	15.077	1116	1119	1124	rVB6	175288	422905	7.84%	0.323%
93	15.168	1124	1127	1132	rBV	682788	1602153	29.71%	1.222%
94	15.408	1145	1148	1149	rVV3	134195	330751	6.13%	0.252%
95	15.477	1151	1154	1156	rVV	392368	658773	12.22%	0.503%
96	15.534	1156	1159	1162	rVB	623352	1149539	21.32%	0.877%
97	15.602	1162	1165	1166	rBV	596702	777734	14.42%	0.593%
98	15.957	1194	1196	1198	rVB2	322916	345253	6.40%	0.263%
99	17.065	1290	1293	1298	rVB2	261751	508447	9.43%	0.388%
100	17.511	1328	1332	1340	rBV	195440	455849	8.45%	0.348%

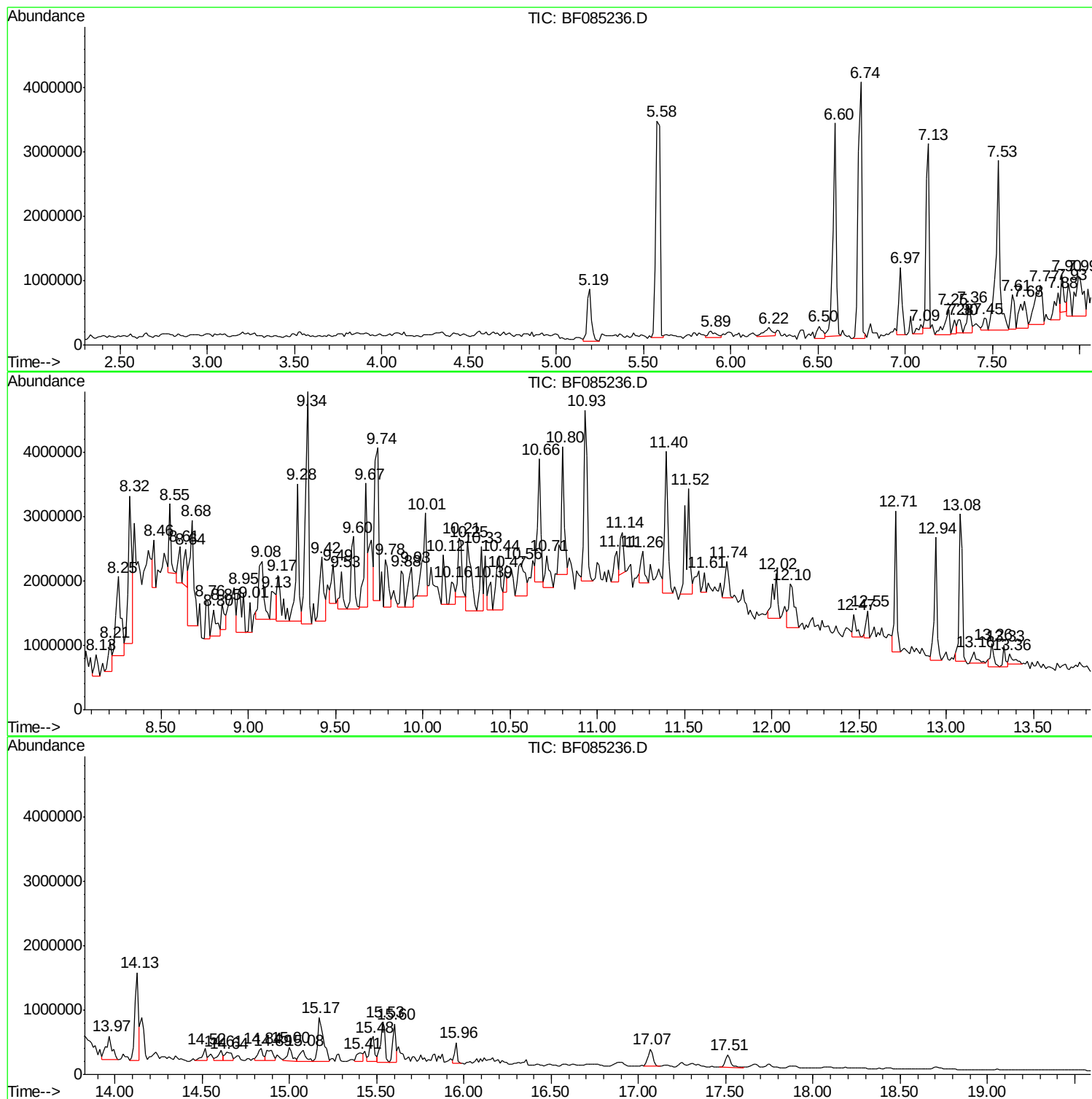
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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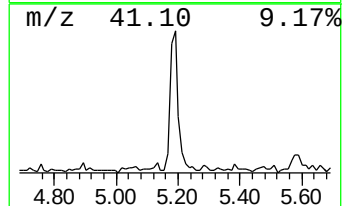
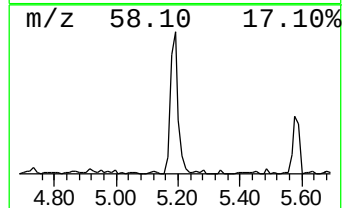
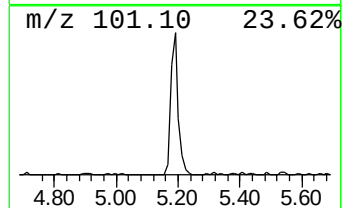
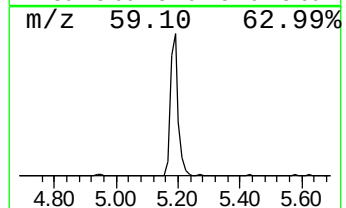
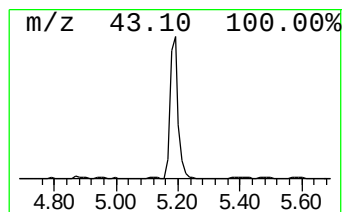
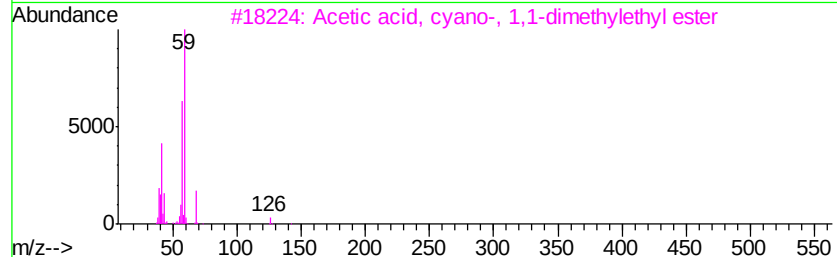
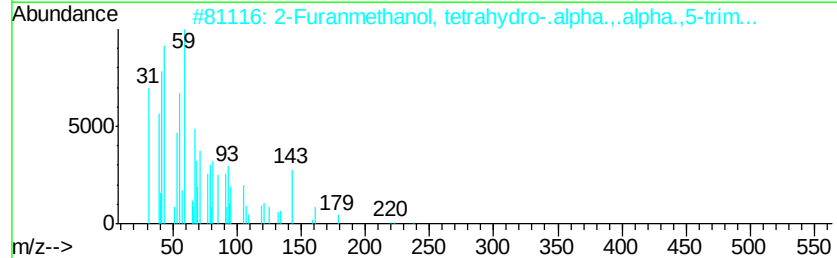
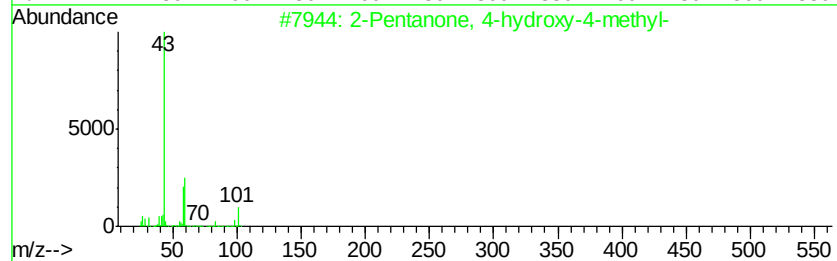
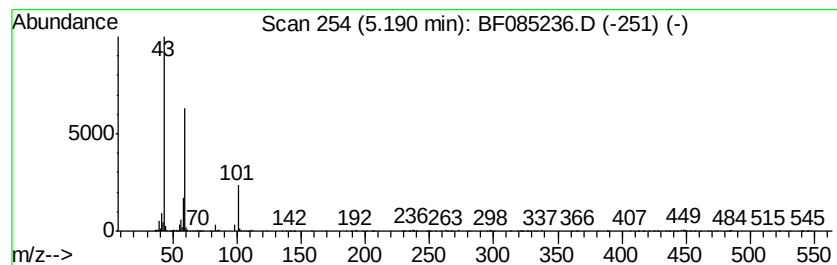
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.19	20.80 ng	1425500	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	43
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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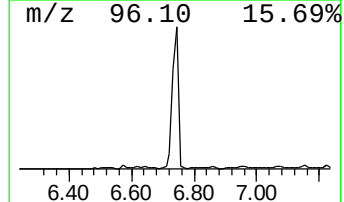
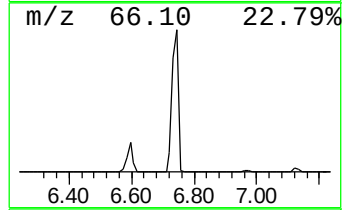
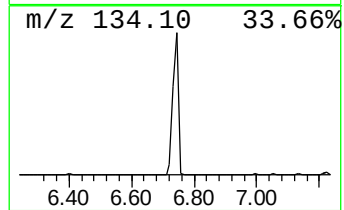
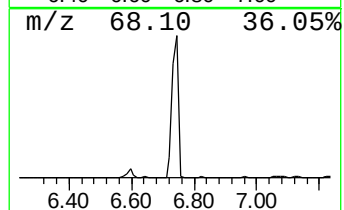
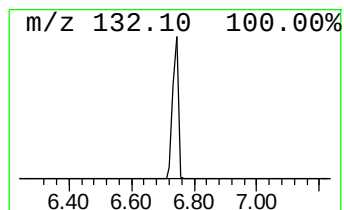
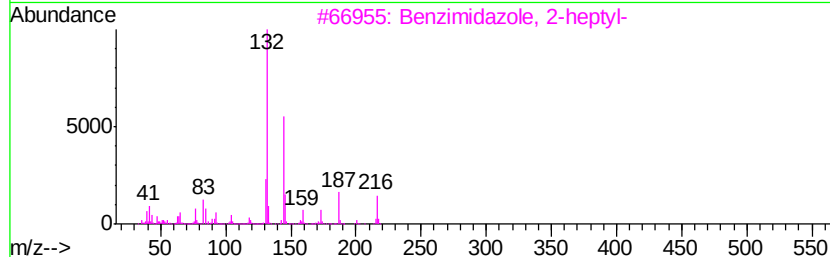
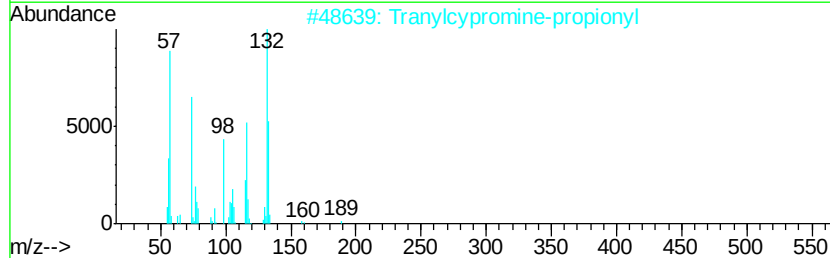
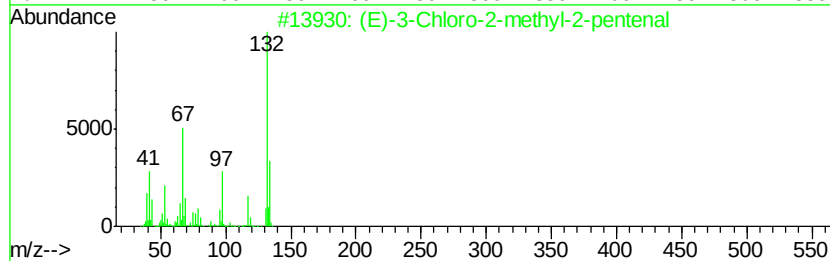
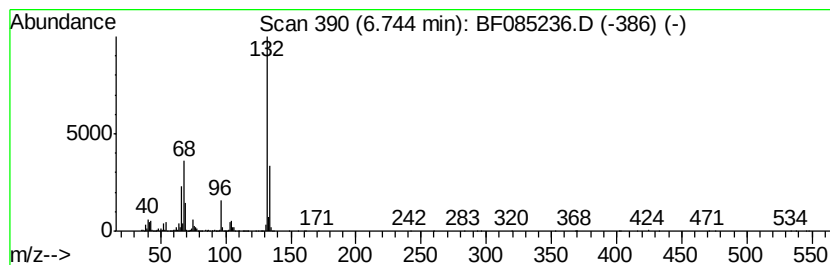
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	76.02 ng	5209280	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Benzimidazole, 2-heptyl-	216	C14H20N2	005851-49-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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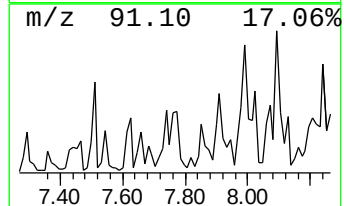
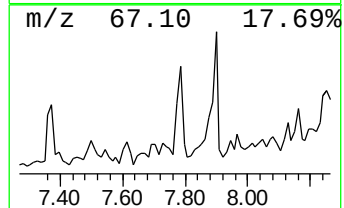
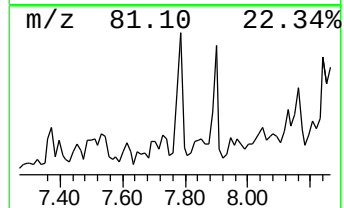
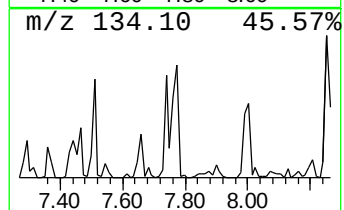
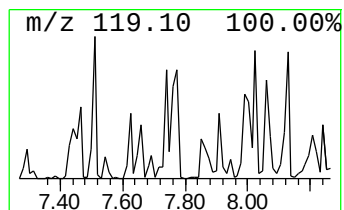
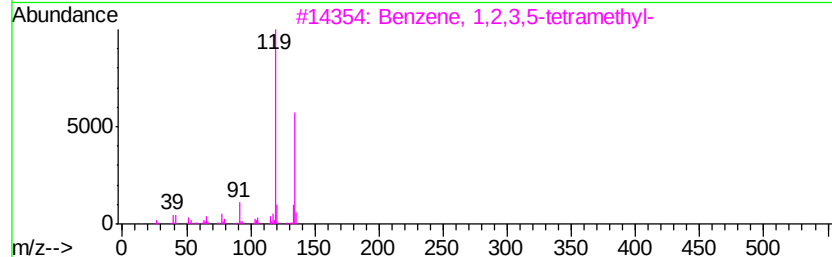
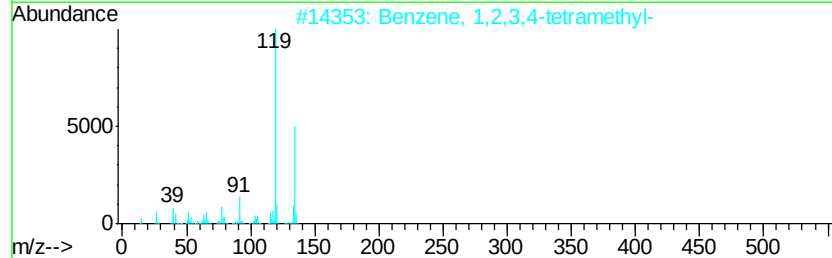
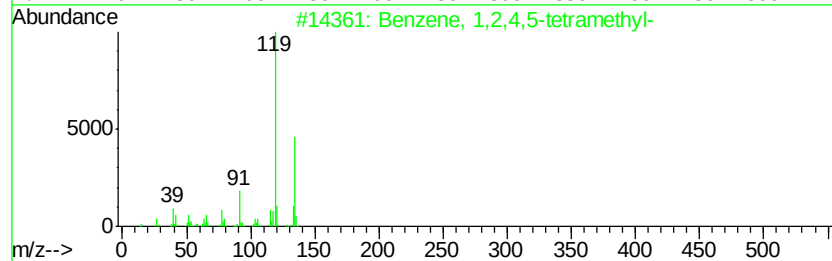
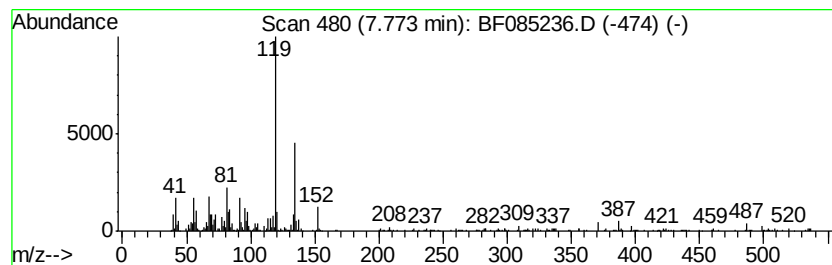
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	15.44 ng	1753720	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
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Instrument :
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ClientSampleId :
SB-16-COMP(0.5-5.0)

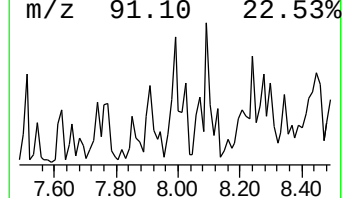
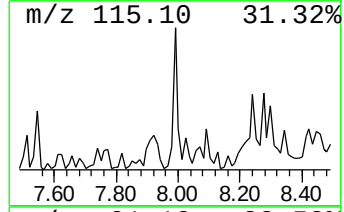
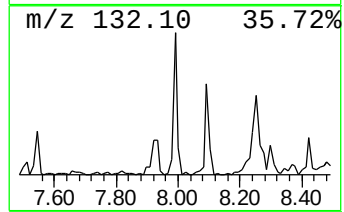
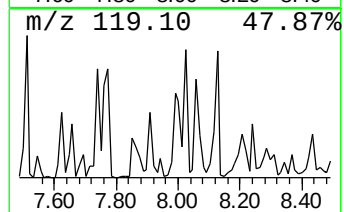
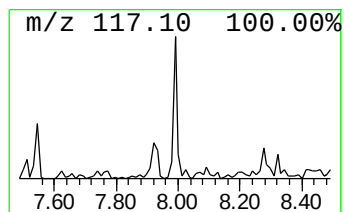
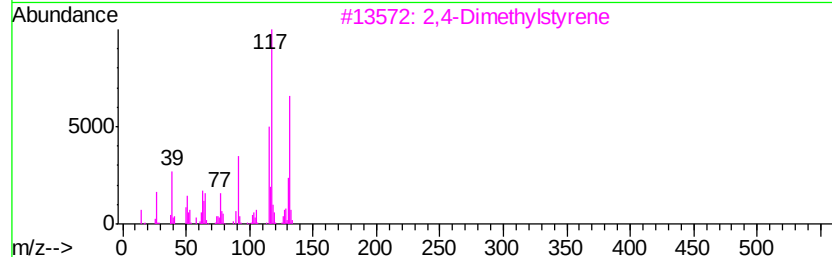
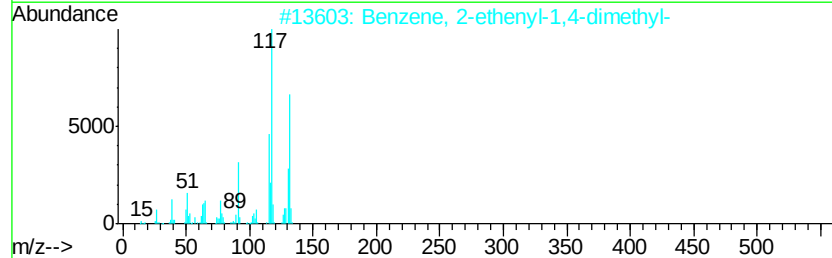
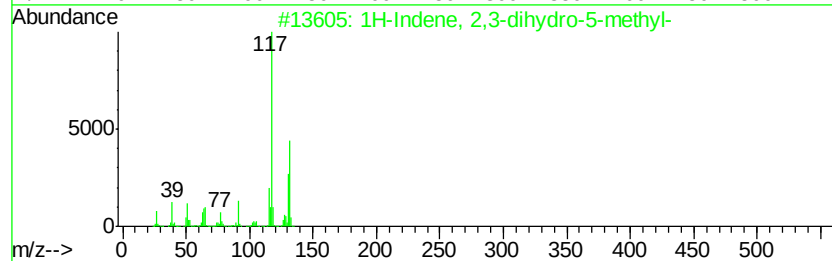
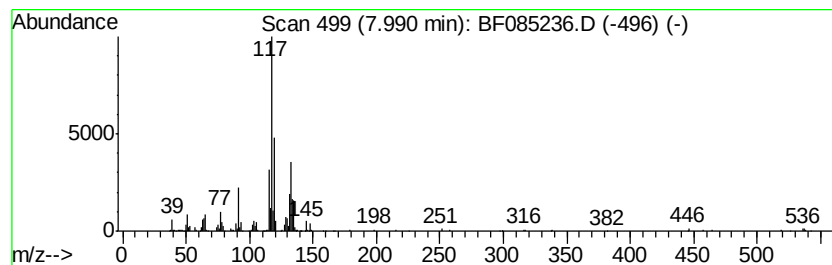
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	16.04 ng	1822120	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
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Instrument :
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ClientSampleId :
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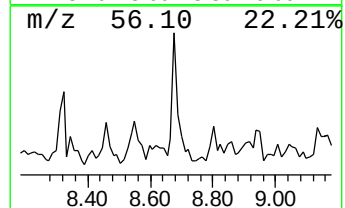
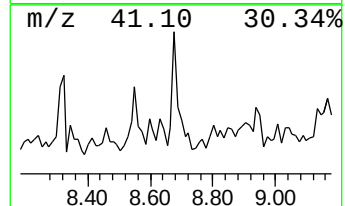
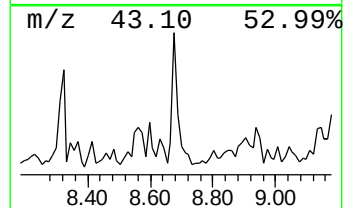
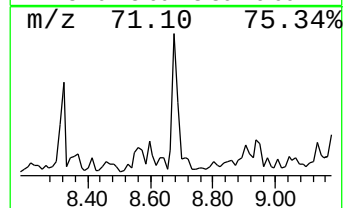
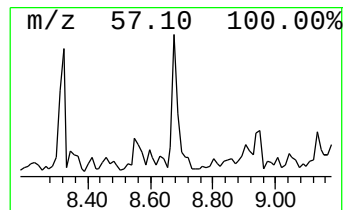
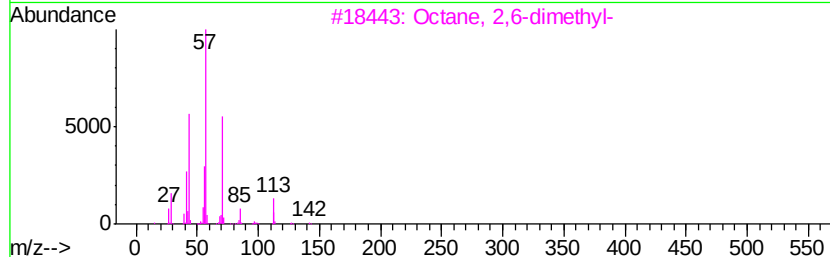
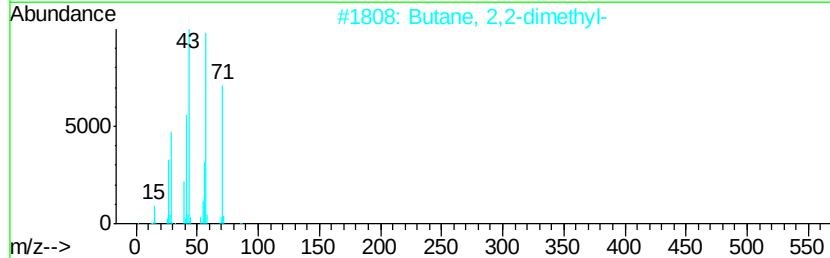
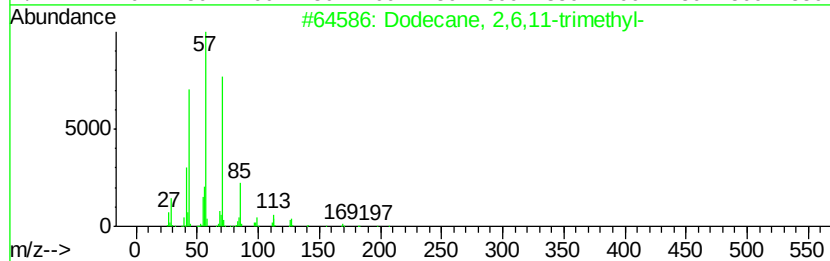
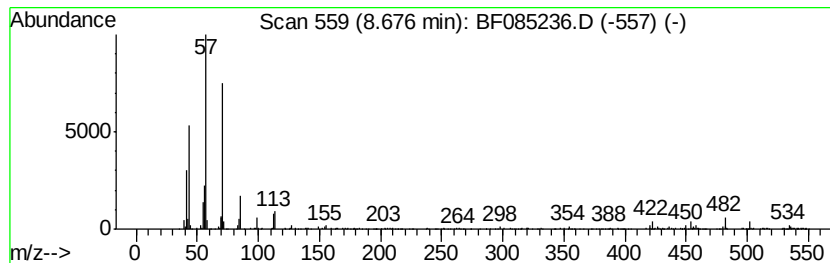
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	22.32 ng	2535490	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5		Decane, 5-propyl-	184	C13H28	017312-62-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
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ClientSampleId :
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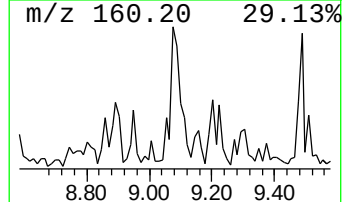
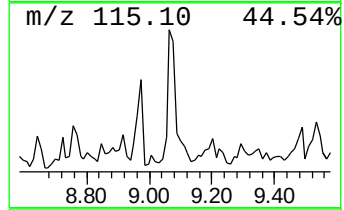
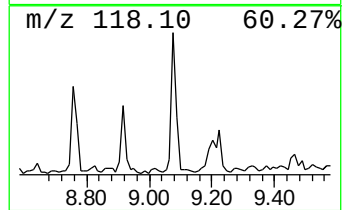
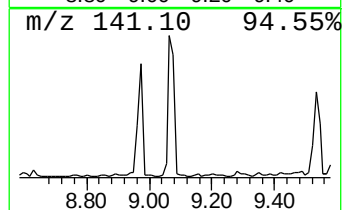
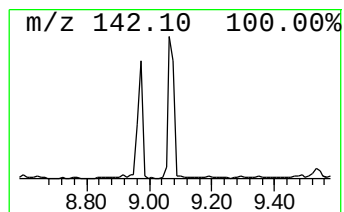
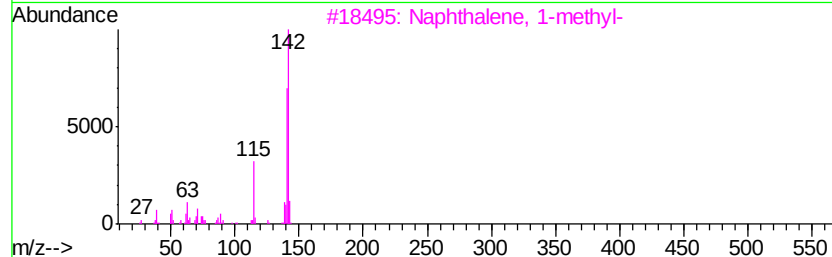
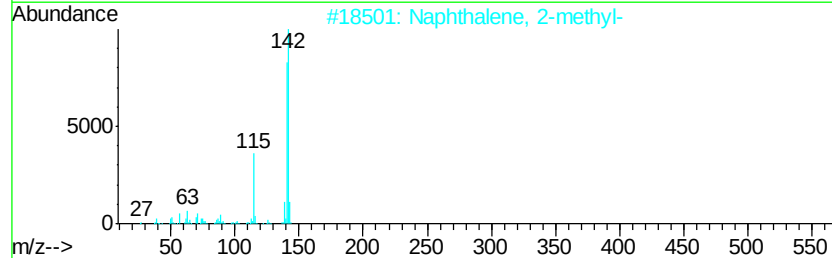
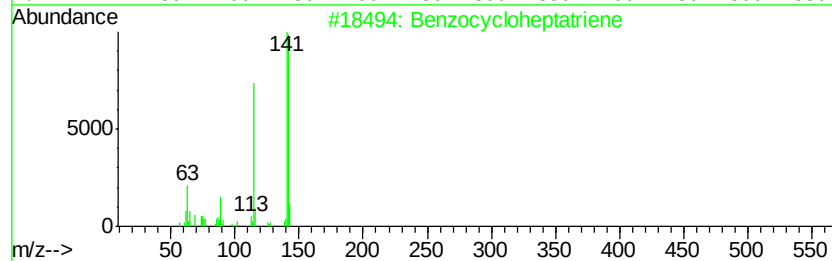
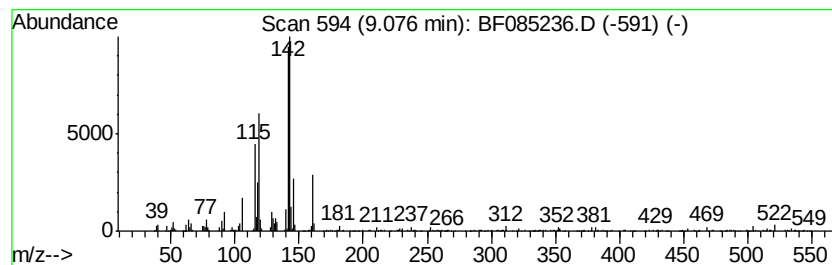
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzocycloheptatriene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	14.83 ng	1684860	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	60
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	53
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	53
4		Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	47
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
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Instrument :
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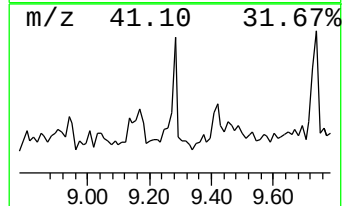
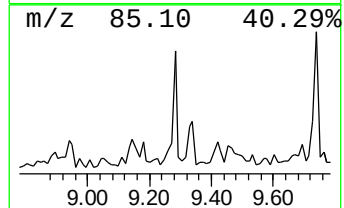
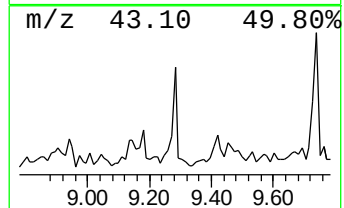
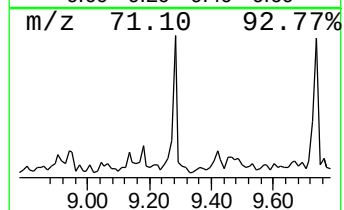
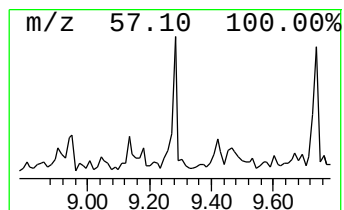
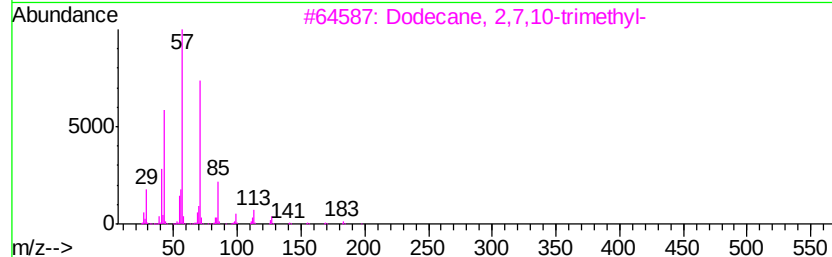
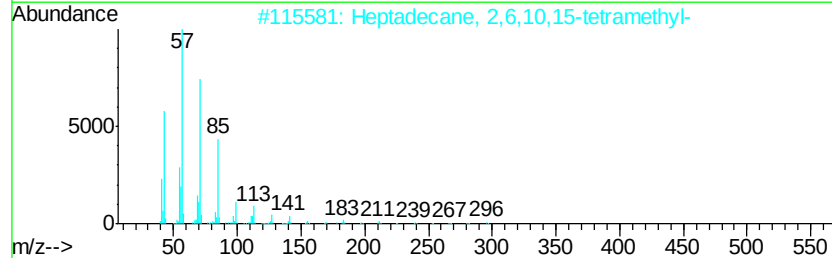
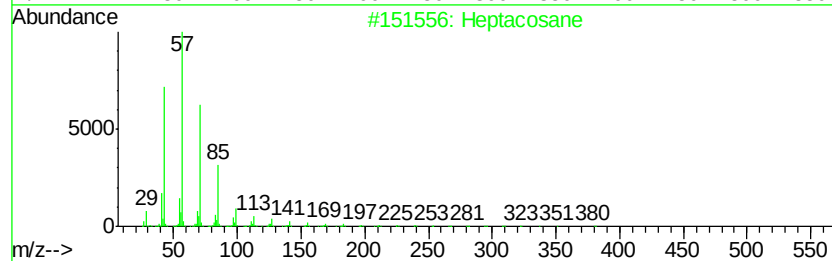
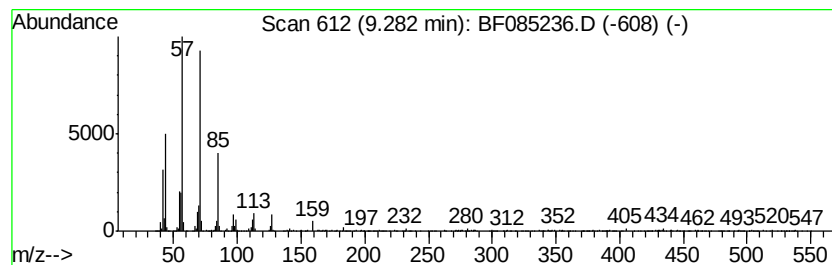
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	27.71 ng	2600340	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	72
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
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Instrument :
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ClientSampleId :
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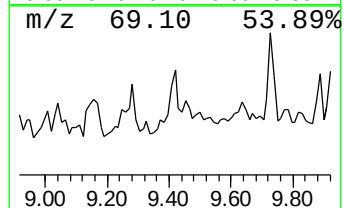
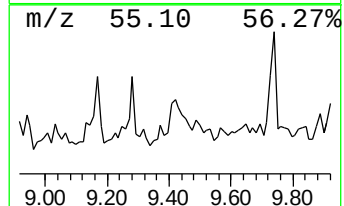
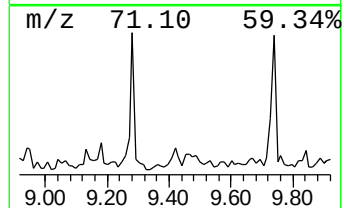
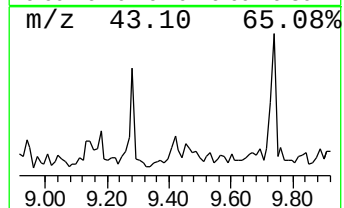
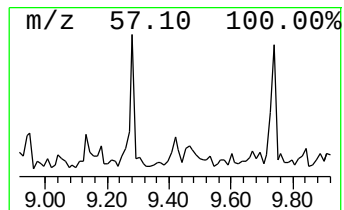
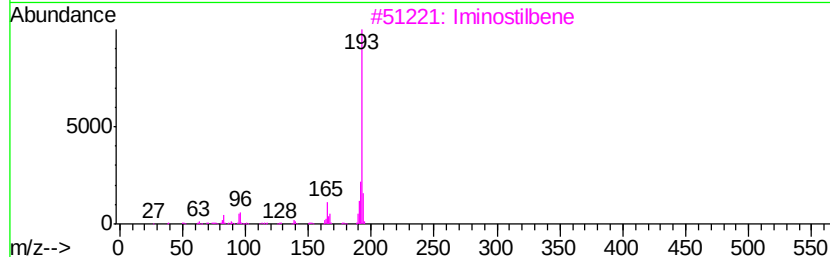
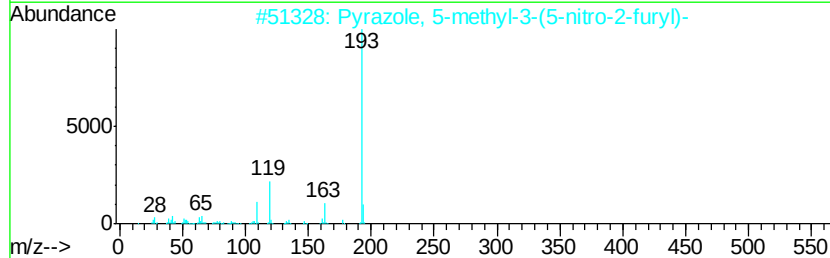
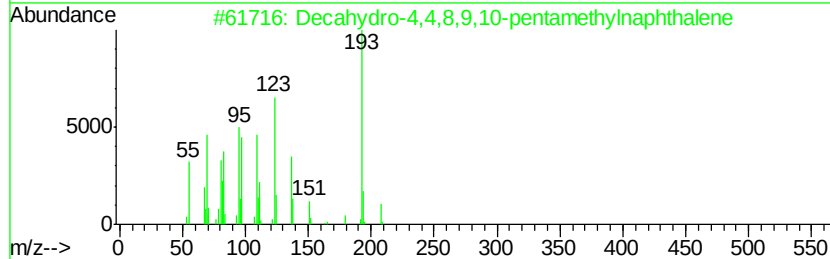
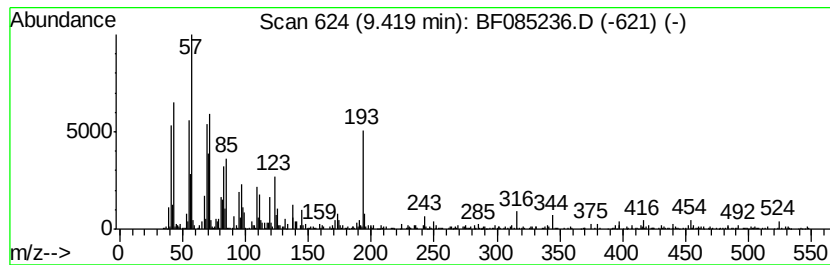
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.42 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	18.25 ng	1712530	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2		Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	43
3		Iminostilbene	193	C14H11N	000256-96-2	43
4		Acridine, 9-methyl-	193	C14H11N	000611-64-3	43
5		2-Anthracenamine	193	C14H11N	000613-13-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
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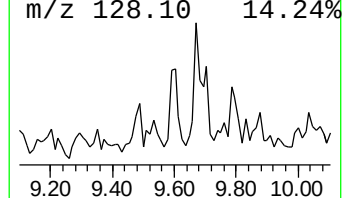
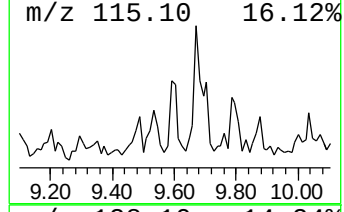
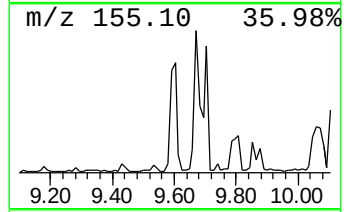
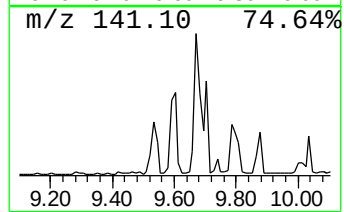
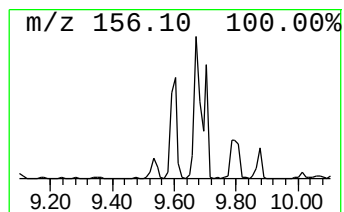
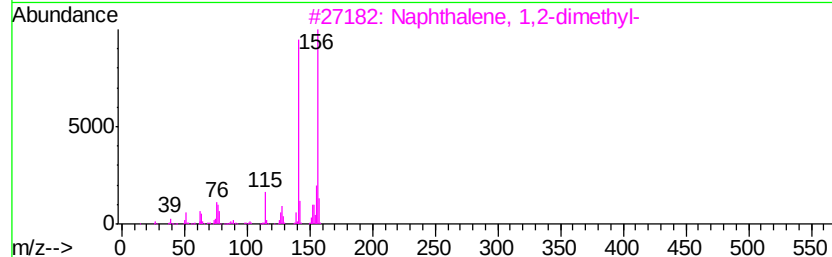
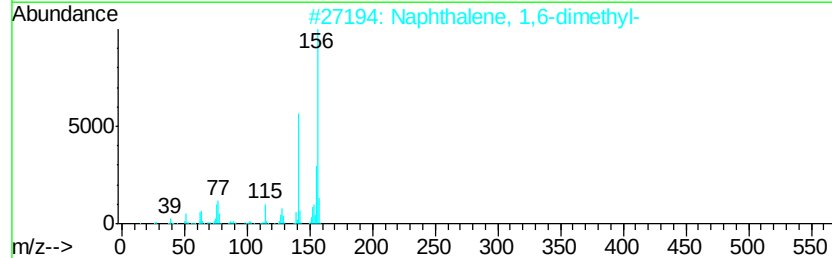
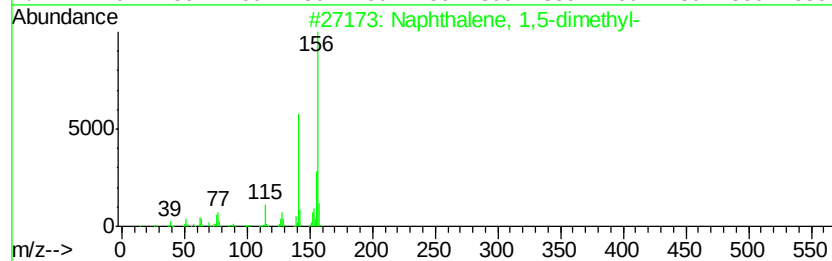
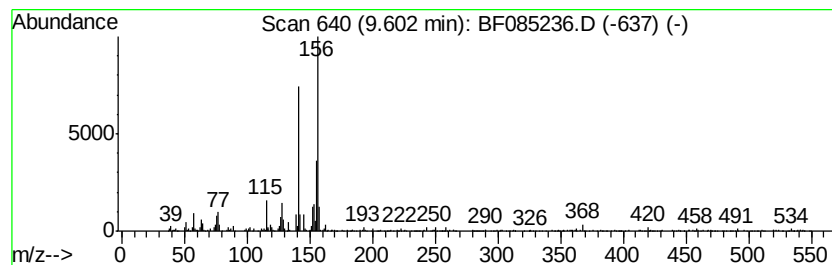
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	17.90 ng	1679910	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
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ALS Vial : 33 Sample Multiplier: 1

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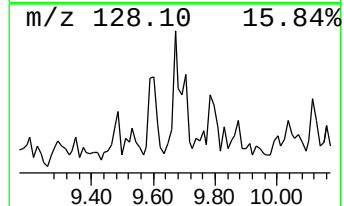
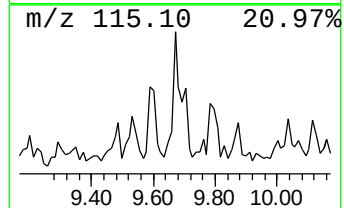
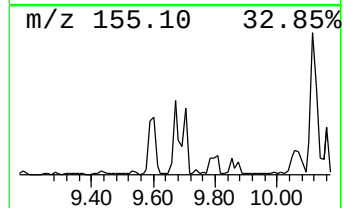
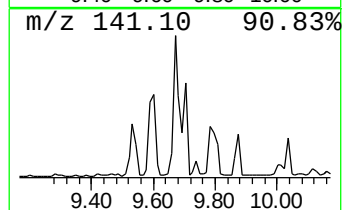
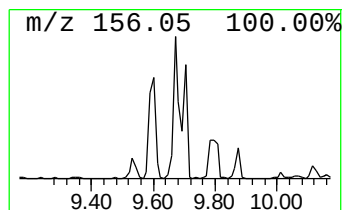
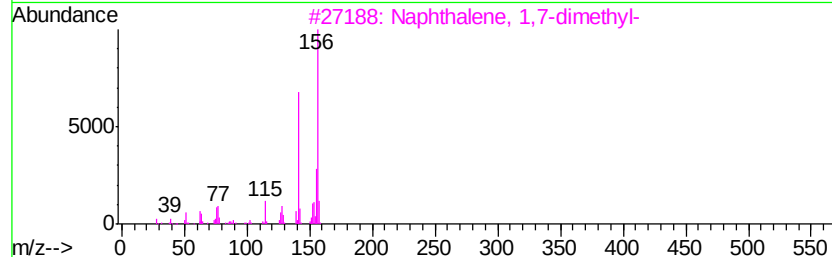
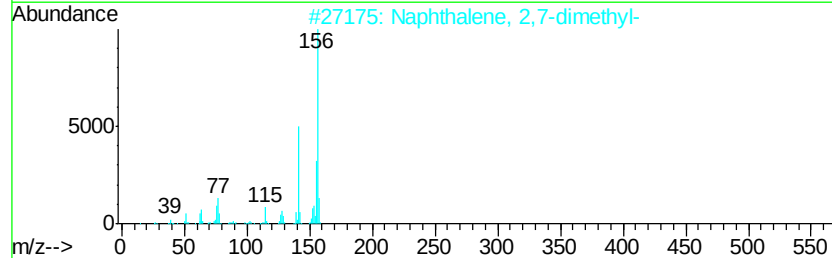
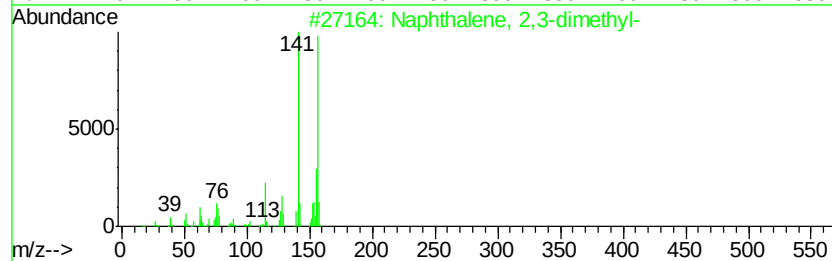
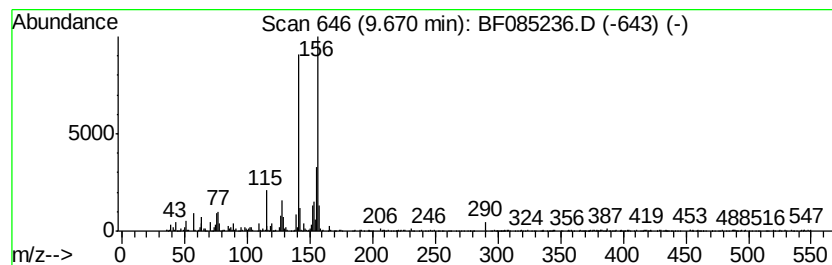
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	25.59 ng	2401600	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP(0.5-5.0)

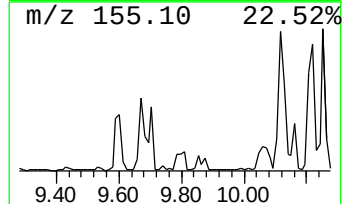
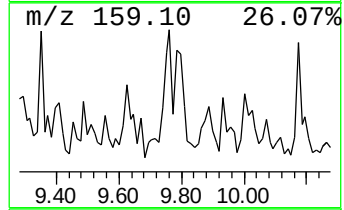
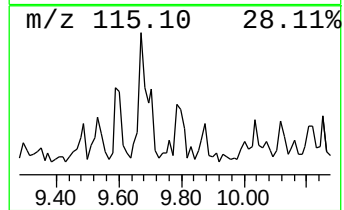
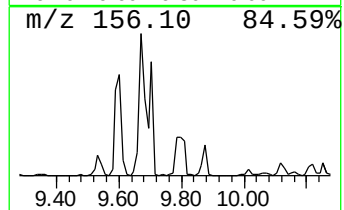
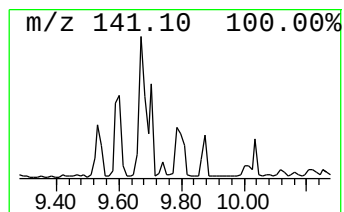
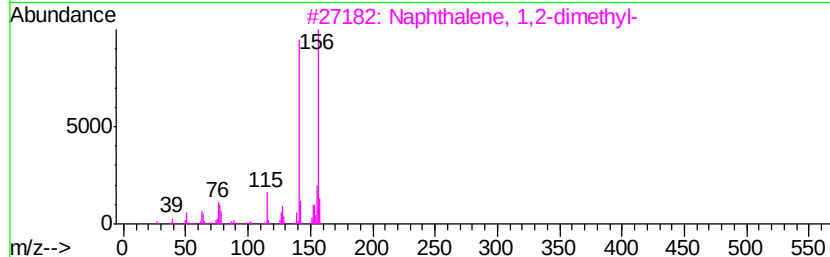
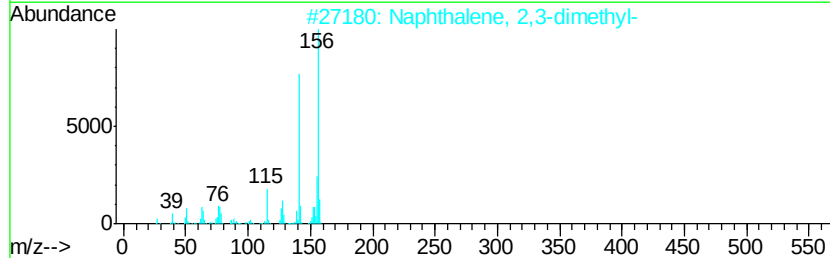
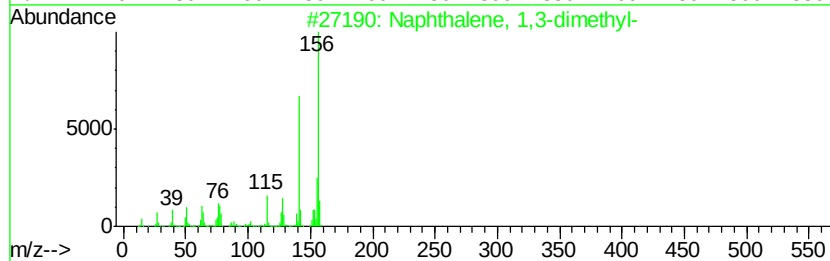
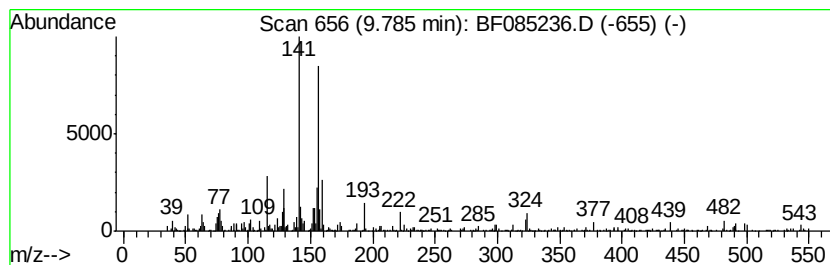
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	12.91 ng	1211670	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-16-COMP(0.5-5.0)

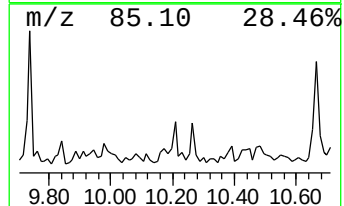
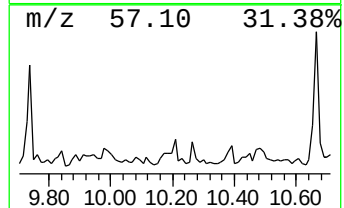
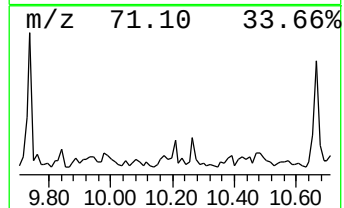
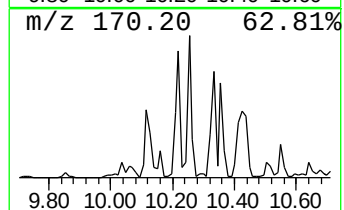
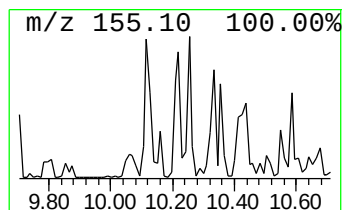
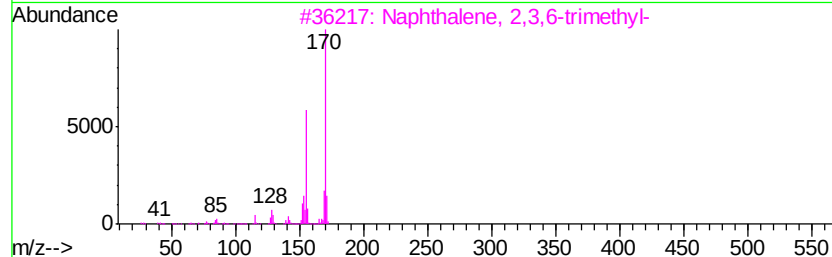
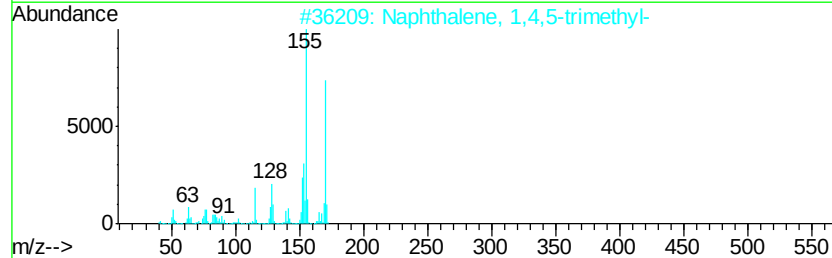
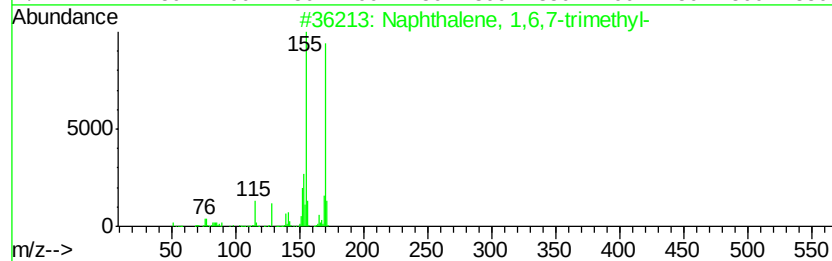
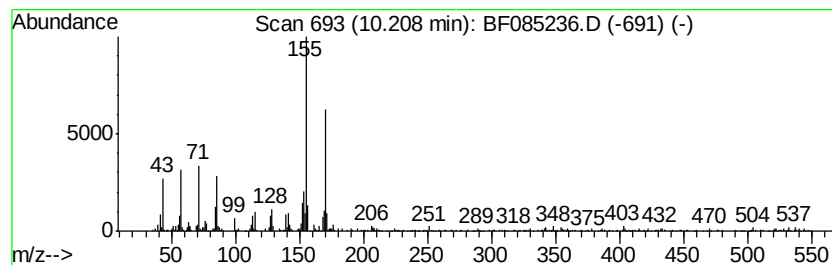
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	14.99 ng	1406890	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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Operator : SJ/IZ
Sample : H1683-04
Misc :
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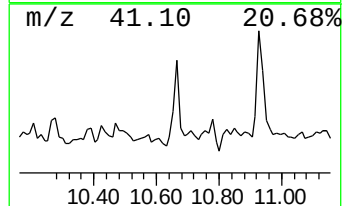
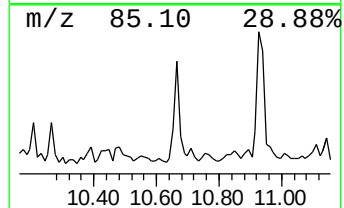
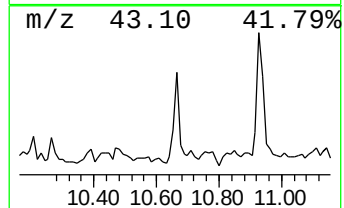
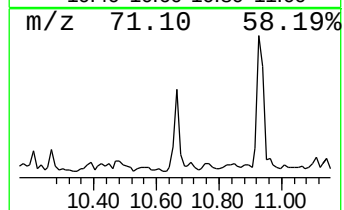
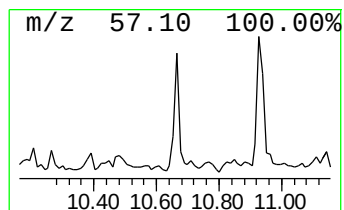
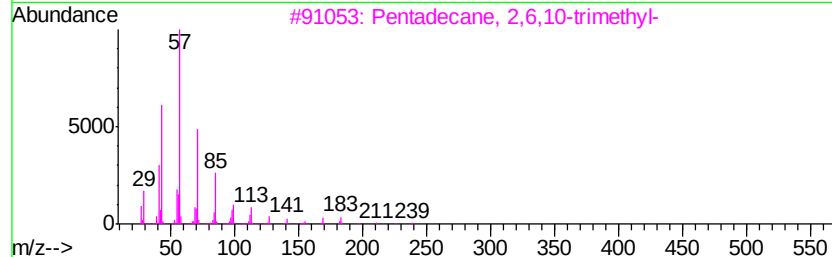
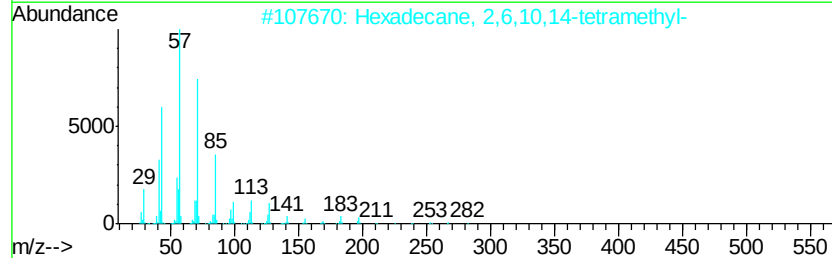
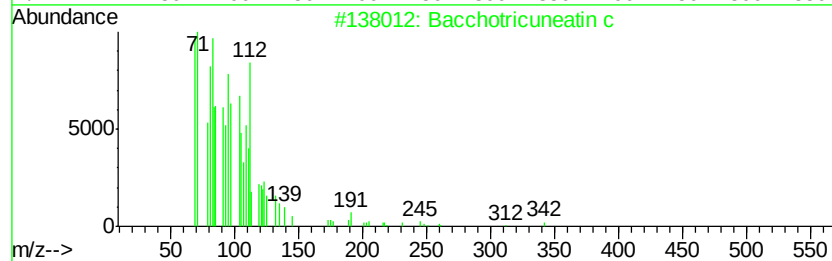
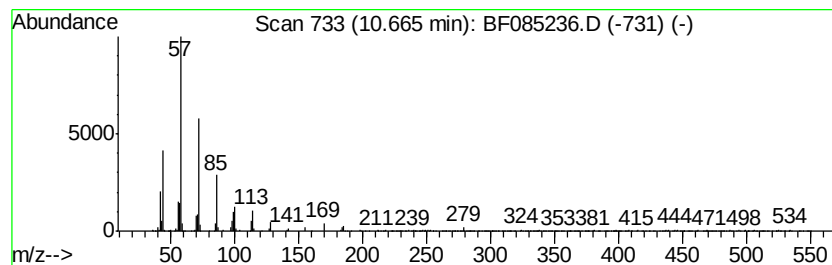
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	25.56 ng	2398430	Acenaphthene-d10	10.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
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Sample : H1683-04
Misc :
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Instrument :
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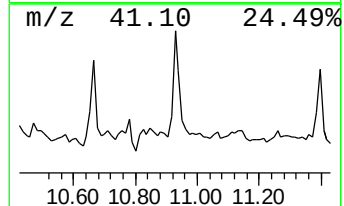
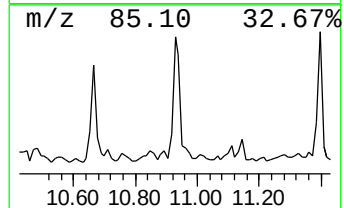
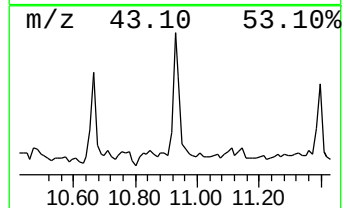
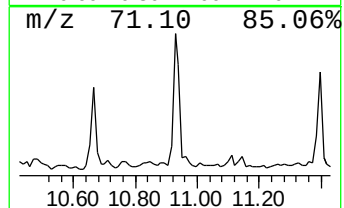
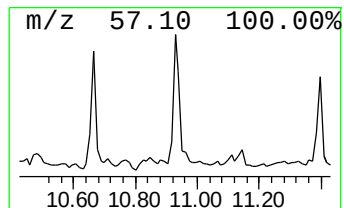
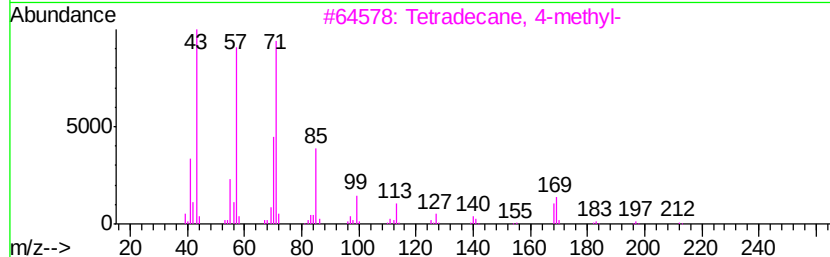
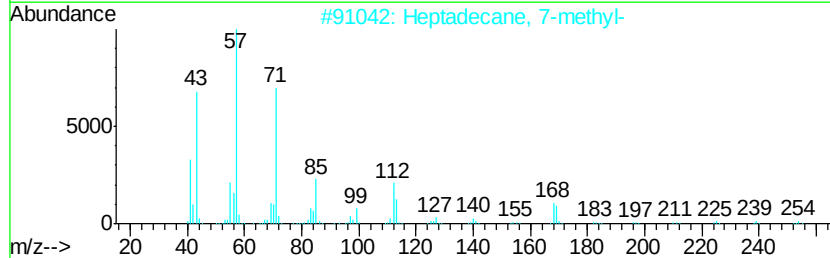
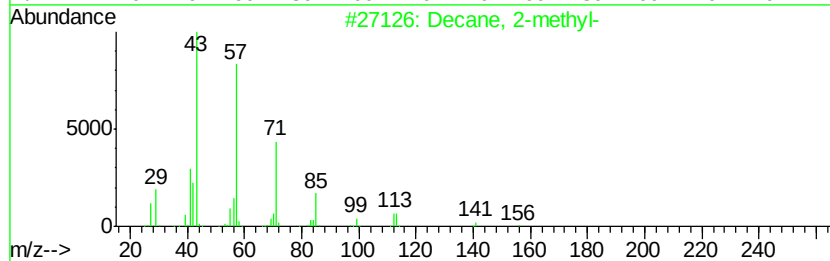
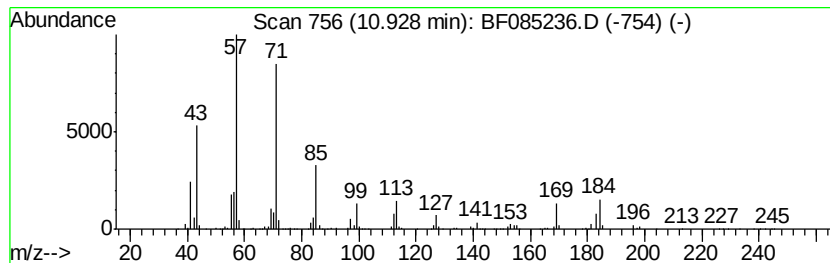
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	26.28 ng	3748440	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
Operator : SJ/IZ
Sample : H1683-04
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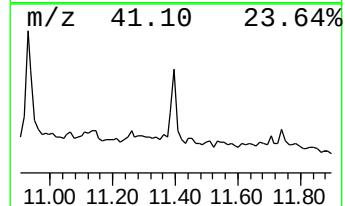
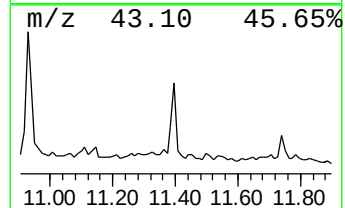
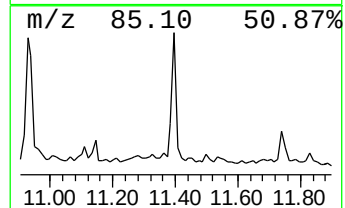
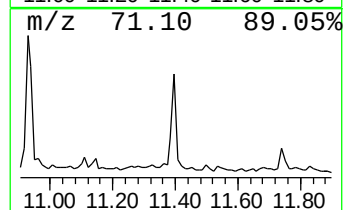
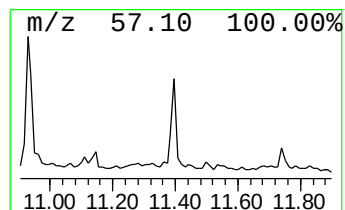
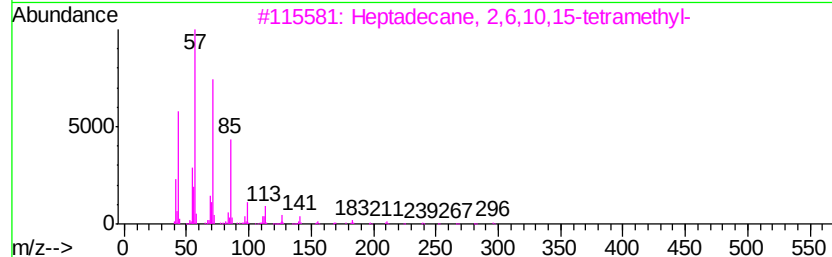
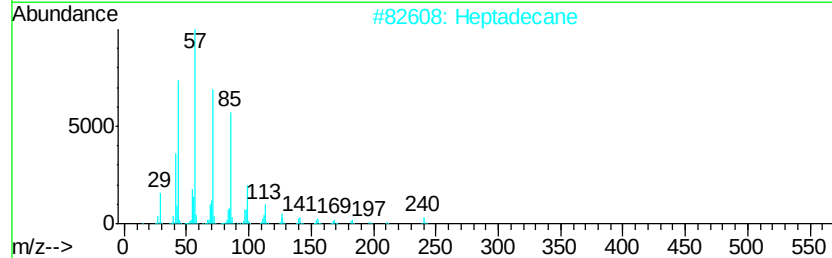
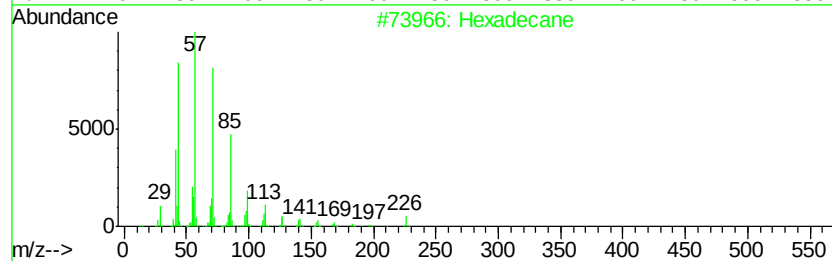
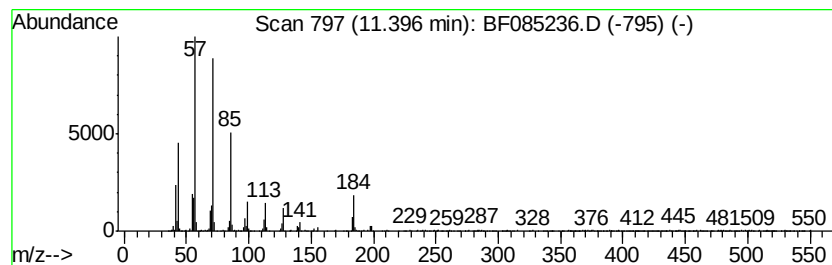
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	17.56 ng	2505090	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Heptadecane	240	C17H36	000629-78-7	72
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085236.D
Acq On : 5 Mar 2016 6:49
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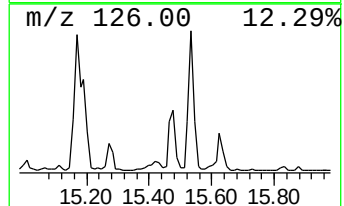
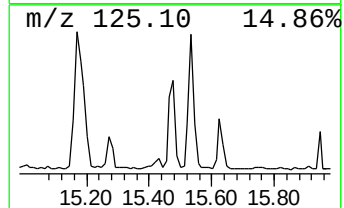
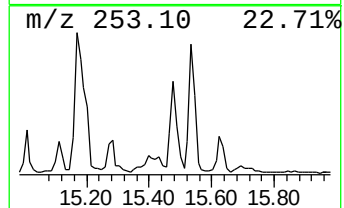
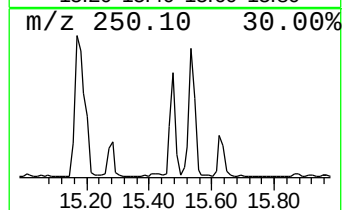
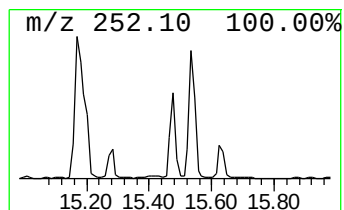
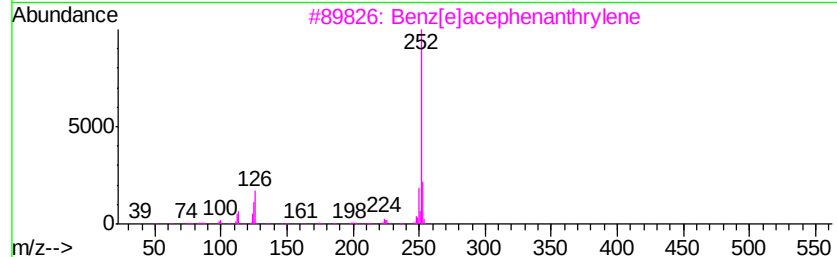
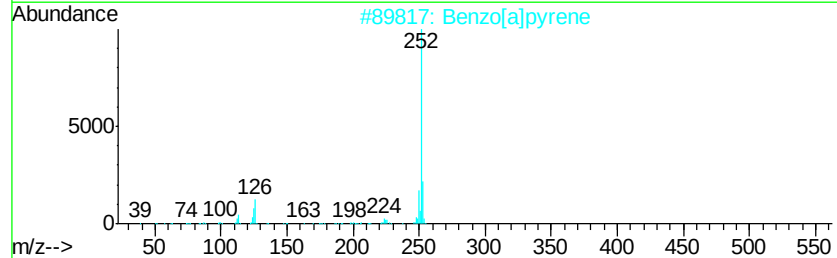
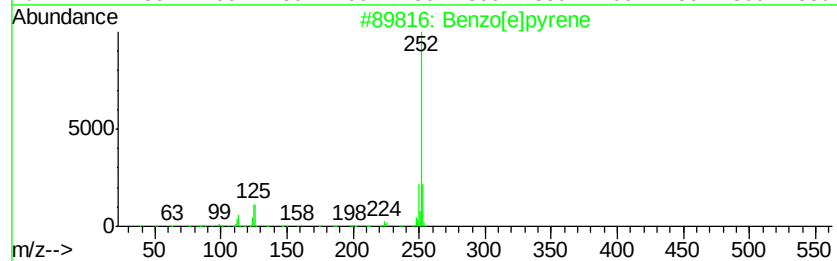
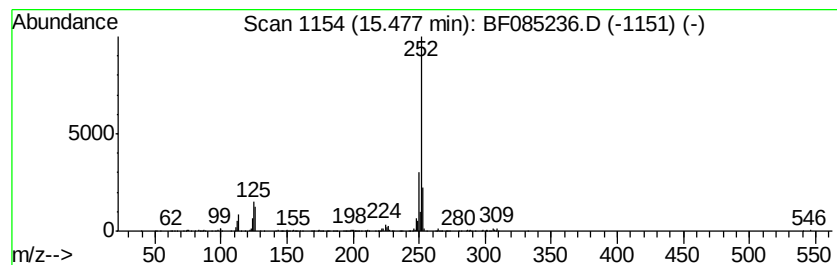
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	16.94 ng	658773	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085236.D
 Acq On : 5 Mar 2016 6:49
 Operator : SJ/IZ
 Sample : H1683-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SB-16-COMP(0.5-5.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
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unknown6.74	6.74	76.0	ng	5209280	1	6.97	1370550	20.0
Benzene, 1,2,4,5-...	7.77	15.4	ng	1753720	2	8.25	2271960	20.0
1H-Indene, 2,3-di...	7.99	16.0	ng	1822120	2	8.25	2271960	20.0
Dodecane, 2,6,11-...	8.68	22.3	ng	2535490	2	8.25	2271960	20.0
Benzocycloheptatr...	9.08	14.8	ng	1684860	2	8.25	2271960	20.0
Heptacosane	9.28	27.7	ng	2600340	3	10.01	1876820	20.0
unknown9.42	9.42	18.3	ng	1712530	3	10.01	1876820	20.0
Naphthalene, 1,5-...	9.60	17.9	ng	1679910	3	10.01	1876820	20.0
Naphthalene, 2,3-...	9.67	25.6	ng	2401600	3	10.01	1876820	20.0
Naphthalene, 1,3-...	9.78	12.9	ng	1211670	3	10.01	1876820	20.0
Naphthalene, 1,6,...	10.21	15.0	ng	1406890	3	10.01	1876820	20.0
Bacchotricuneatin c	10.66	25.6	ng	2398430	3	10.01	1876820	20.0
Decane, 2-methyl-	10.93	26.3	ng	3748440	4	11.50	2852600	20.0
Hexadecane	11.40	17.6	ng	2505090	4	11.50	2852600	20.0
Benzo[e]pyrene	15.48	16.9	ng	658773	6	15.60	777734	20.0