

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082032.D
 Acq On : 3 Oct 2015 20:26
 Operator : UM/IZ
 Sample : G3867-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.0-6.0-092915

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-BF092815.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	5.074	253	257	264	rVV	791589	1394000	14.16%	0.750%
2	5.486	290	293	295	rVB	1936409	2356599	23.94%	1.268%
3	5.726	311	314	317	rVB2	64461	117443	1.19%	0.063%
4	5.886	324	328	330	rBV3	131360	232276	2.36%	0.125%
5	5.932	330	332	334	rBV	77379	131528	1.34%	0.071%
6	6.023	337	340	343	rVB2	174612	289100	2.94%	0.156%
7	6.069	343	344	346	rBV	79811	109474	1.11%	0.059%
8	6.126	346	349	352	rBV3	401297	606218	6.16%	0.326%
9	6.172	352	353	355	rVB	151894	173322	1.76%	0.093%
10	6.240	358	359	363	rVB2	104441	154055	1.56%	0.083%
11	6.309	363	365	367	rBV	231549	391299	3.97%	0.211%
12	6.343	367	368	370	rVB2	84906	98674	1.00%	0.053%
13	6.377	370	371	372	rVB	208937	143331	1.46%	0.077%
14	6.412	372	374	378	rBV2	289435	558646	5.67%	0.301%
15	6.514	380	383	385	rBV	1899503	2285059	23.21%	1.230%
16	6.652	390	395	399	rVB	2246254	3214380	32.65%	1.730%
17	6.743	399	403	404	rBV3	207302	413926	4.20%	0.223%
18	6.846	406	412	413	rBV3	351672	793057	8.06%	0.427%
19	6.892	413	416	418	rVB3	785888	1307528	13.28%	0.704%
20	6.937	418	420	422	rVB	284648	418048	4.25%	0.225%
21	6.995	422	425	427	rBV4	347118	805170	8.18%	0.433%
22	7.040	427	429	434	rVB3	1696607	3028490	30.76%	1.630%
23	7.155	434	439	441	rVB4	603607	1613126	16.38%	0.868%
24	7.212	441	444	445	rBV2	344001	543109	5.52%	0.292%
25	7.280	448	450	452	rBV3	572413	684255	6.95%	0.368%
26	7.315	452	453	456	rVB3	313927	353658	3.59%	0.190%
27	7.360	456	457	459	rBV2	160374	257859	2.62%	0.139%
28	7.429	459	463	464	rBV	1962009	2668660	27.11%	1.436%
29	7.463	464	466	470	rVB2	1788658	2515758	25.55%	1.354%
30	7.532	470	472	474	rVB2	1105136	1694113	17.21%	0.912%
31	7.589	474	477	479	rBV2	736287	1794036	18.22%	0.965%
32	7.669	479	484	485	rBV3	1163897	2030616	20.63%	1.093%
33	7.692	485	486	488	rVB2	652484	801684	8.14%	0.431%
34	7.795	491	495	496	rBV3	891119	2001035	20.32%	1.077%

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35	7.817	496	497	499	rVB2	673000	632536	6.42%	0.340%
36	7.920	504	506	510	rVB3	1694412	2844817	28.90%	1.531%
37	8.000	510	513	515	rBV2	870309	1354129	13.75%	0.729%
38	8.046	515	517	519	rBV2	1189974	1504680	15.28%	0.810%
39	8.172	521	528	529	rBV3	1976350	5092933	51.73%	2.741%
40	8.240	531	534	535	rVV2	1955913	3024776	30.72%	1.628%
41	8.263	535	536	540	rVB3	974881	1802013	18.30%	0.970%
42	8.332	540	542	543	rBV2	659524	817954	8.31%	0.440%
43	8.378	544	546	548	rVB3	1536883	1804332	18.33%	0.971%
44	8.469	548	554	556	rBV7	1536762	3757226	38.16%	2.022%
45	8.572	561	563	564	rVB	1295011	1682944	17.09%	0.906%
46	8.606	564	566	569	rBV	2180905	4524969	45.96%	2.435%
47	8.652	569	570	571	rVB	1121497	769347	7.81%	0.414%
48	8.686	571	573	575	rBV2	2106314	2951951	29.98%	1.589%
49	8.778	579	581	583	rVV2	967107	1879401	19.09%	1.011%
50	8.846	583	587	588	rVV3	1430982	3559784	36.16%	1.916%
51	8.880	588	590	591	rVV2	1356417	2195658	22.30%	1.182%
52	8.903	591	592	594	rVV	2320280	1782541	18.11%	0.959%
53	8.938	594	595	596	rVB	691986	474356	4.82%	0.255%
54	9.006	596	601	605	rBV3	3102382	7675579	77.96%	4.131%
55	9.098	607	609	610	rVV2	1273332	1362866	13.84%	0.733%
56	9.132	610	612	613	rVV	708914	753295	7.65%	0.405%
57	9.212	617	619	622	rVV2	2292864	4196495	42.62%	2.258%
58	9.269	622	624	626	rVV2	1701214	2322963	23.59%	1.250%
59	9.349	628	631	634	rVV5	945299	2310054	23.46%	1.243%
60	9.418	634	637	639	rVV3	1418003	3269175	33.21%	1.759%
61	9.463	639	641	643	rVV	1480242	2553987	25.94%	1.374%
62	9.543	645	648	650	rVV	2897228	5168144	52.49%	2.781%
63	9.623	650	655	658	rVV3	2956530	9845328	100.00%	5.298%
64	9.669	658	659	661	rVV2	2547140	3757621	38.17%	2.022%
65	9.738	663	665	669	rVV4	1843148	3810654	38.71%	2.051%
66	9.818	669	672	674	rVV3	1603517	2084362	21.17%	1.122%
67	9.863	674	676	677	rVV	854783	1051359	10.68%	0.566%
68	9.932	680	682	685	rVV4	1206412	2841313	28.86%	1.529%
69	9.989	685	687	688	rVV2	1270011	1796875	18.25%	0.967%
70	10.058	691	693	696	rVB	1860102	2787629	28.31%	1.500%
71	10.103	696	697	699	rBV2	783426	830721	8.44%	0.447%

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72	10.161	699	702	704	rVV2	2148018	3527944	35.83%	1.899%
73	10.206	704	706	710	rVB	2772468	3725821	37.84%	2.005%
74	10.275	710	712	713	rBV	1965430	2404348	24.42%	1.294%
75	10.309	713	715	718	rVB3	1652726	2220041	22.55%	1.195%
76	10.366	718	720	723	rBV	1531247	2881599	29.27%	1.551%
77	10.503	729	732	733	rBV2	1175366	1886264	19.16%	1.015%
78	10.606	739	741	744	rVV2	1762690	3292828	33.45%	1.772%
79	10.652	744	745	748	rVB3	882384	1553412	15.78%	0.836%
80	10.881	762	765	768	rVB2	3074003	4955615	50.33%	2.667%
81	10.949	768	771	773	rBV4	946738	1887726	19.17%	1.016%
82	11.052	778	780	781	rVV2	710944	864868	8.78%	0.465%
83	11.086	781	783	786	rVB3	1099195	1602909	16.28%	0.863%
84	11.349	803	806	809	rVB2	2324547	3734444	37.93%	2.010%
85	11.475	813	817	819	rBV3	1219608	2202692	22.37%	1.185%
86	11.566	823	825	828	rBV4	593354	1164630	11.83%	0.627%
87	11.692	834	836	841	rVB4	1139120	1987012	20.18%	1.069%
88	11.955	857	859	860	rBV	958412	974392	9.90%	0.524%
89	12.058	866	868	870	rVB	640251	620702	6.30%	0.334%
90	12.504	905	907	914	rVB2	823016	1908278	19.38%	1.027%
91	12.915	939	943	945	rVV3	279054	611964	6.22%	0.329%
92	12.949	945	946	948	rVB	354944	292789	2.97%	0.158%
93	13.041	951	954	956	rVB	1835780	2540331	25.80%	1.367%
94	13.921	1029	1031	1037	rVB	177595	303832	3.09%	0.164%
95	14.081	1041	1045	1056	rVB2	596464	1042319	10.59%	0.561%
96	15.533	1169	1172	1177	rVB	372778	558802	5.68%	0.301%
97	16.218	1230	1232	1240	rVB5	35573	115895	1.18%	0.062%
98	16.653	1267	1270	1277	rVB4	35036	99529	1.01%	0.054%

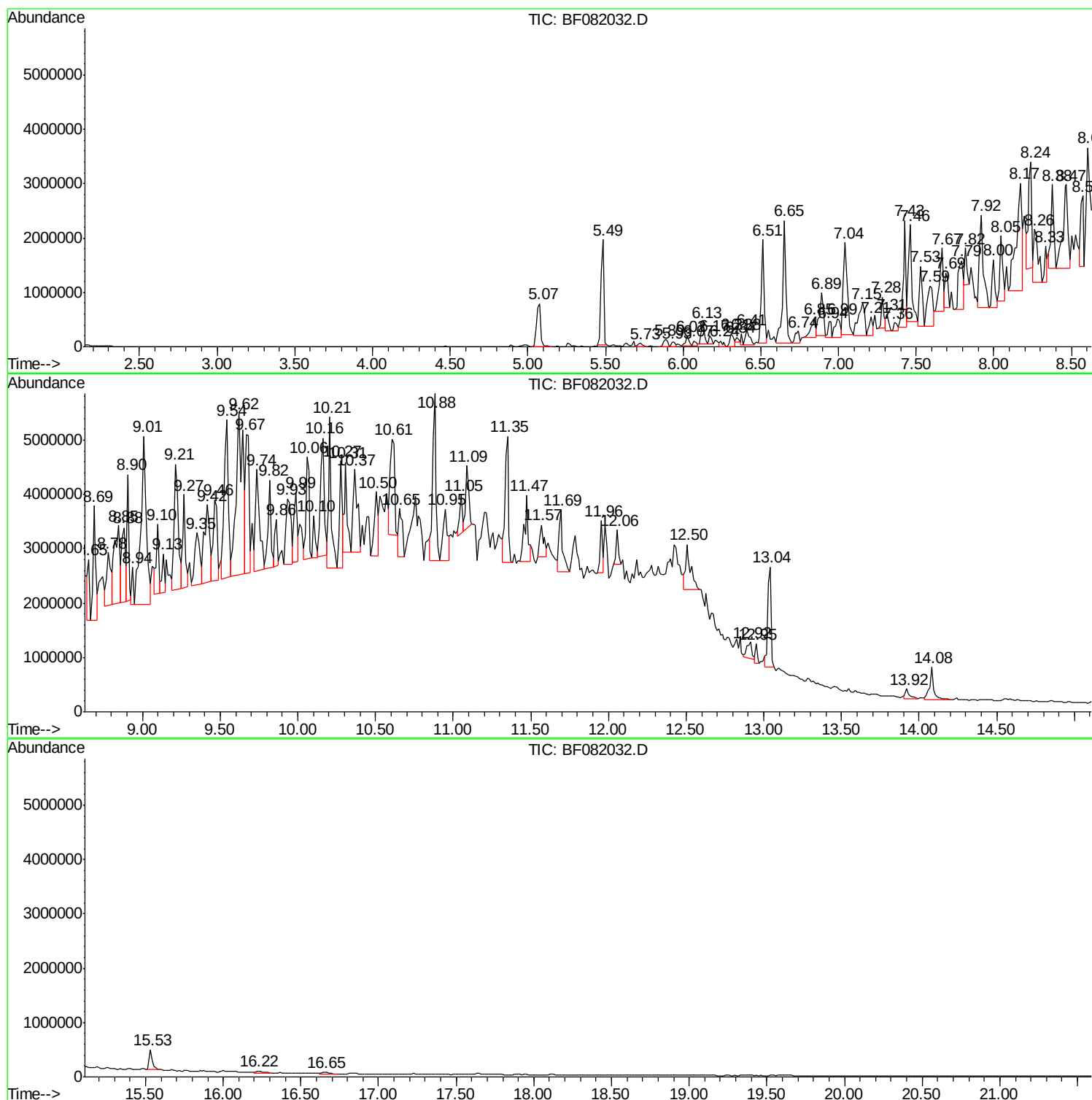
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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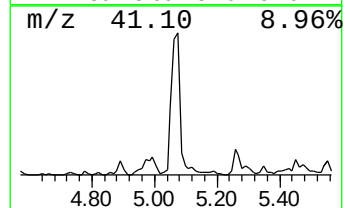
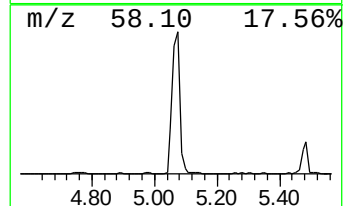
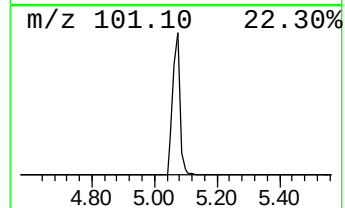
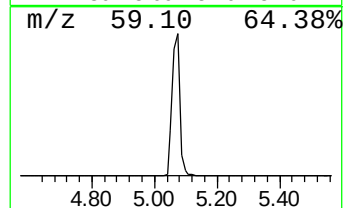
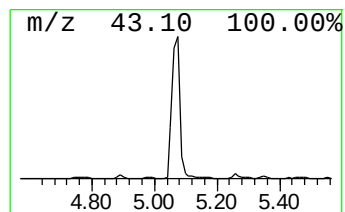
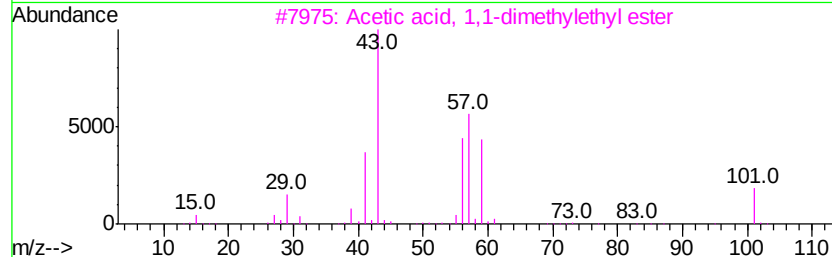
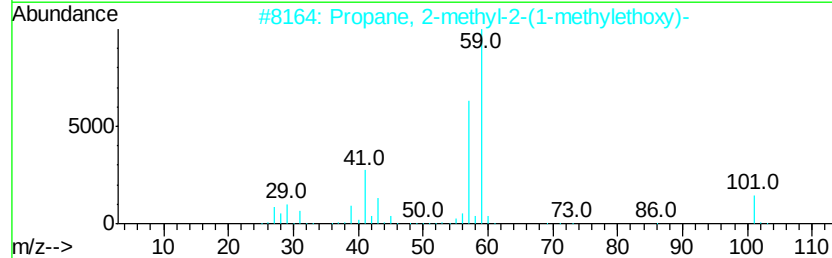
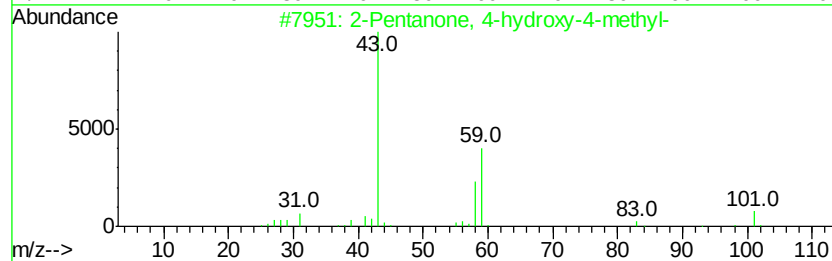
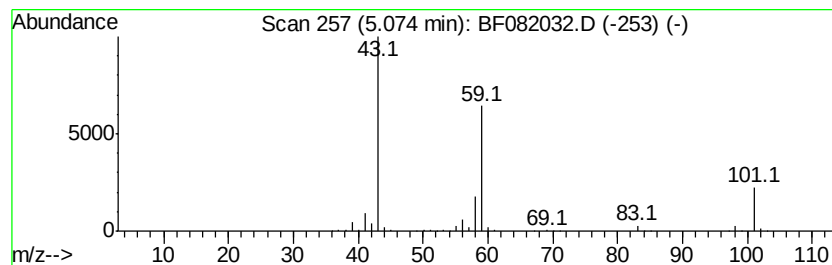
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.07	21.32 ng	1394000	1,4-Dichlorobenzene-d4	6.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53	
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	



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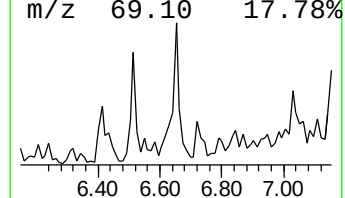
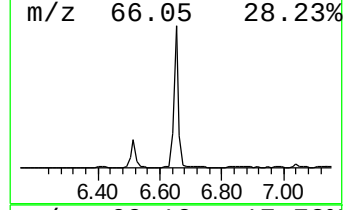
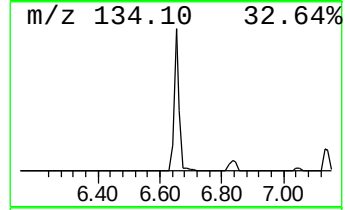
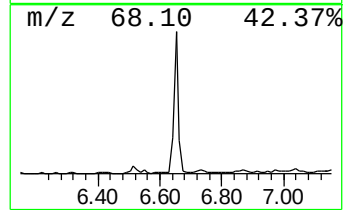
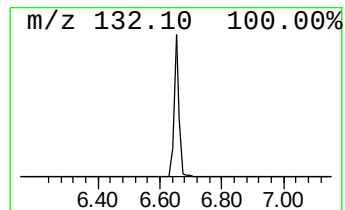
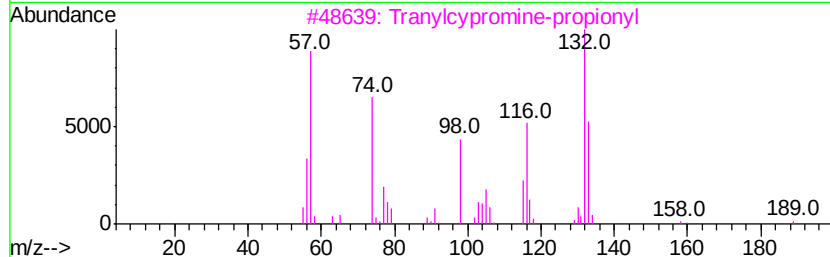
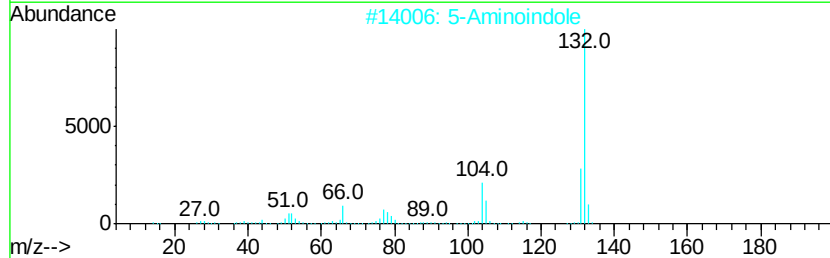
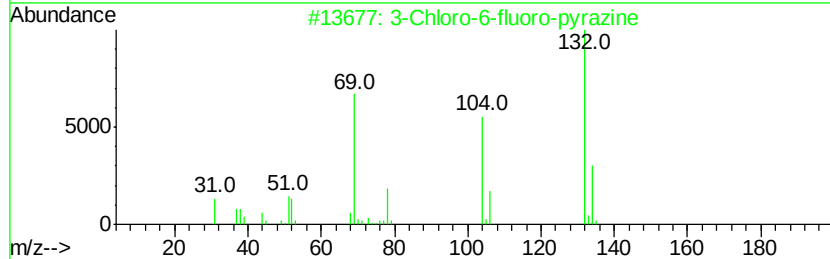
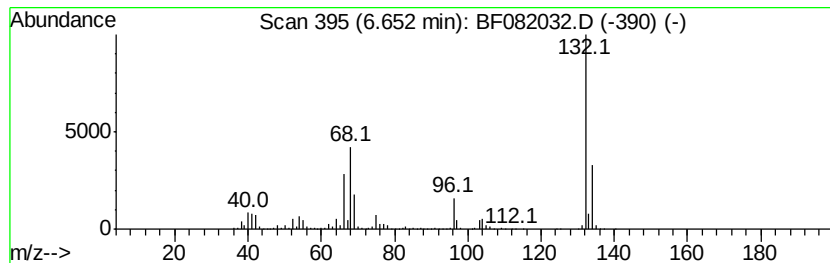
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	49.17 ng	3214380	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicvano-1-methyl-			132	C6H4N4	019485-35-9	9
5	Benzene, 1,2,4-trifluoro-			132	C6H3F3	000367-23-7	9



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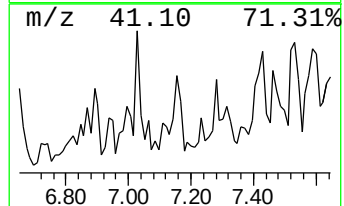
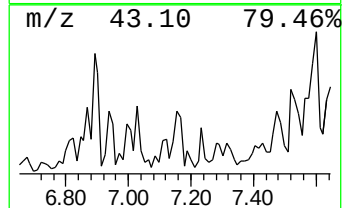
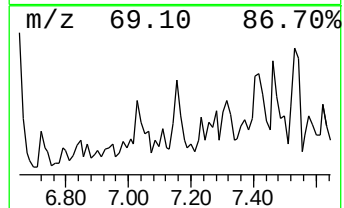
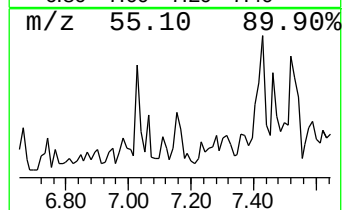
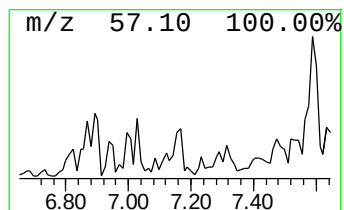
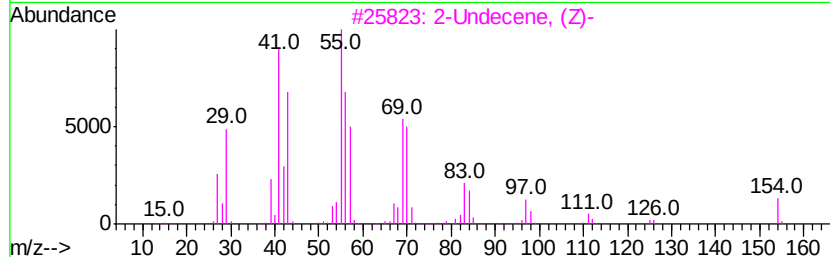
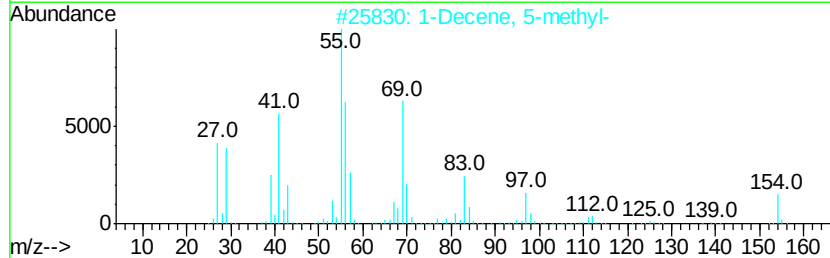
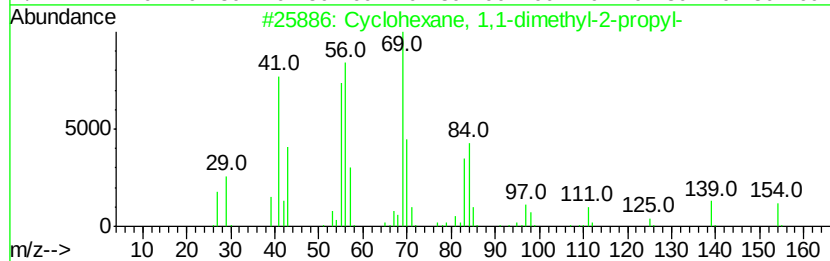
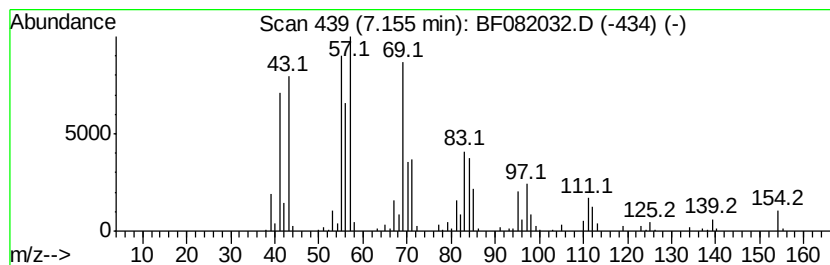
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	24.67 ng	1613130	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	89
2		1-Decene, 5-methyl-	154	C11H22	054244-79-0	76
3		2-Undecene, (Z)-	154	C11H22	000821-96-5	74
4		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

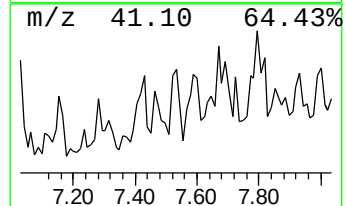
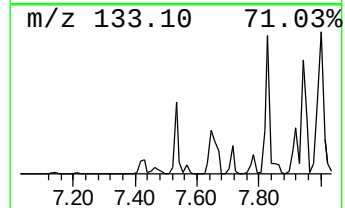
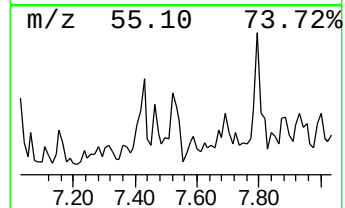
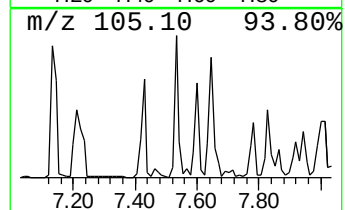
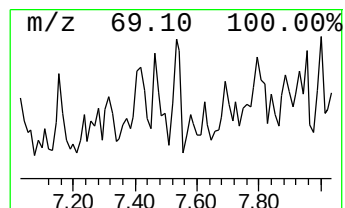
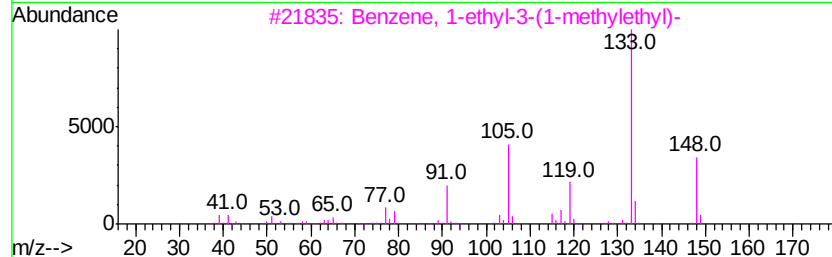
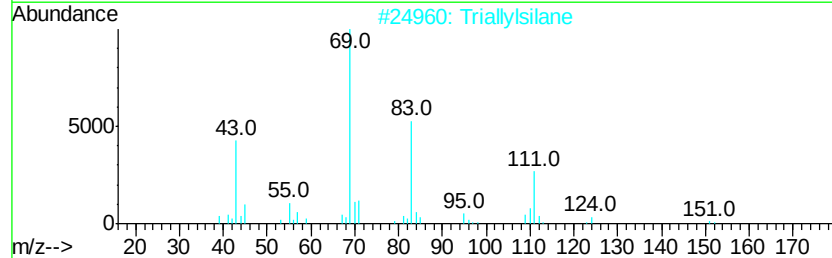
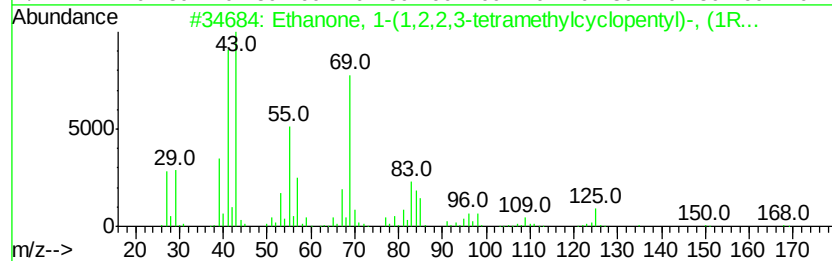
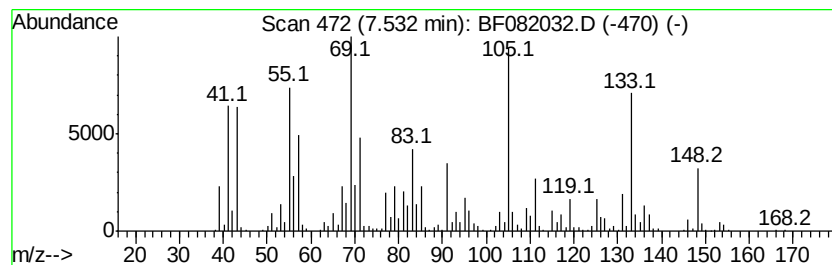
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.53 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	25.91 ng	1694110	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1,2,2,3-tetramethyl...	168	C11H20O	059642-07-8	45
2		Triallylsilane	152	C9H16Si	001116-62-7	38
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	25
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	25
5		5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

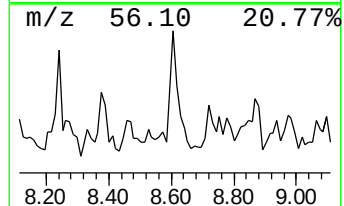
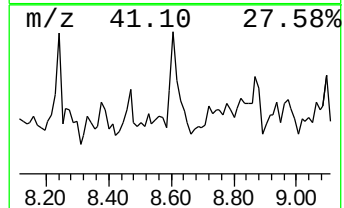
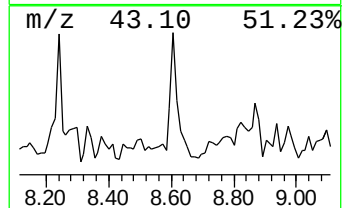
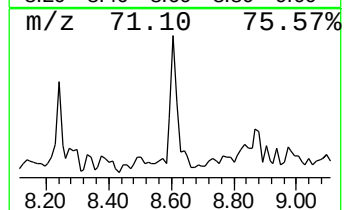
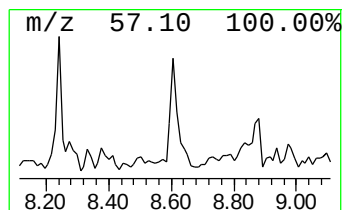
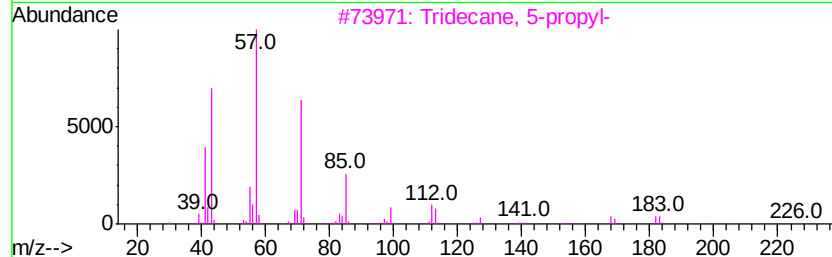
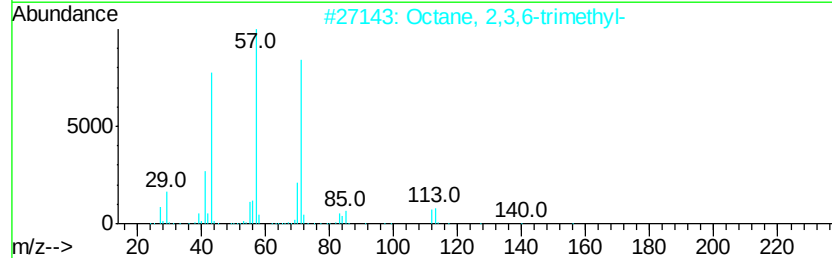
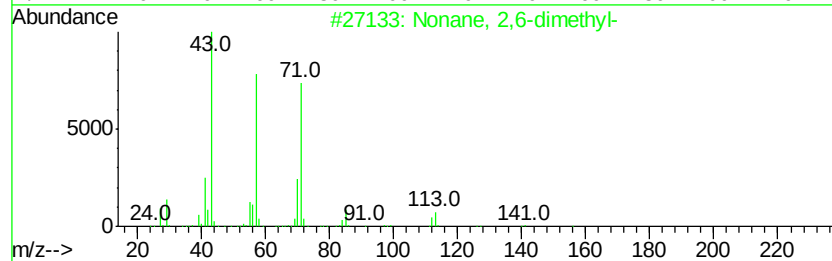
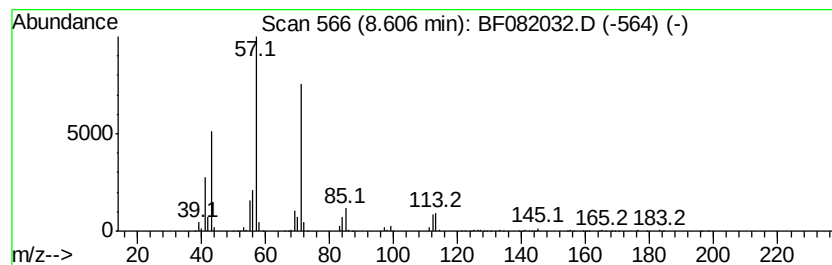
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	17.77 ng	4524970	Napthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-5.0-6.0-092915

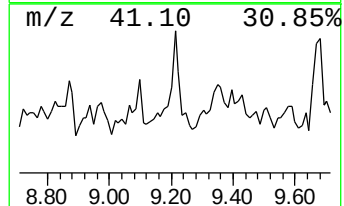
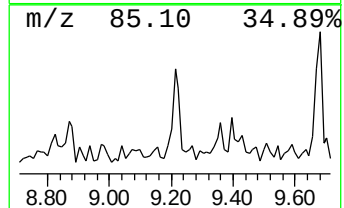
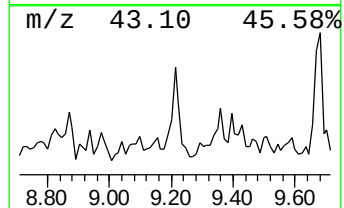
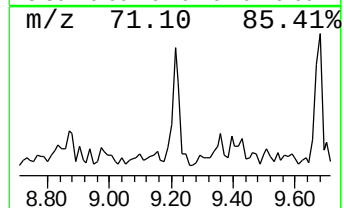
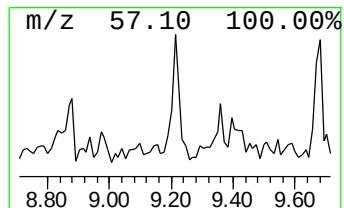
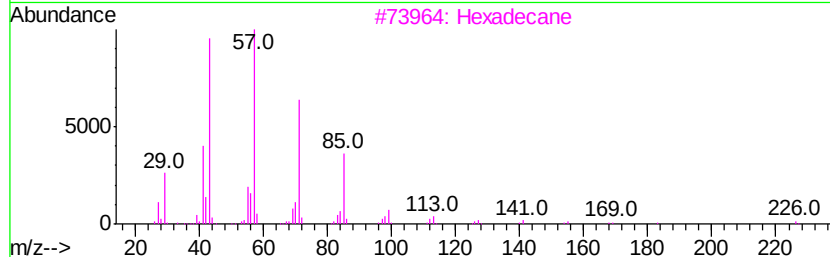
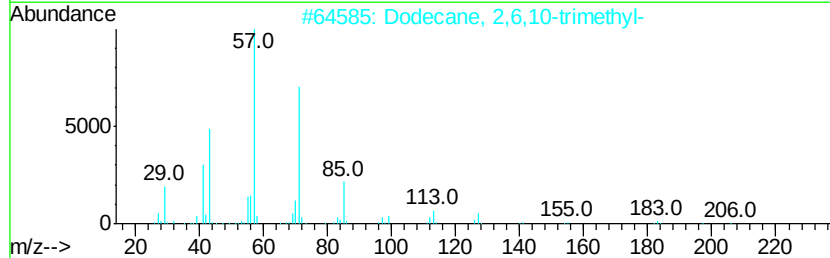
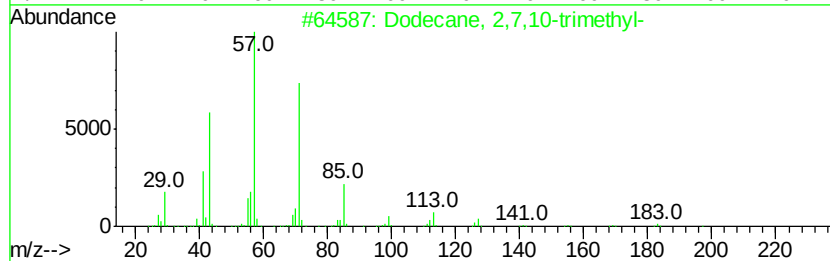
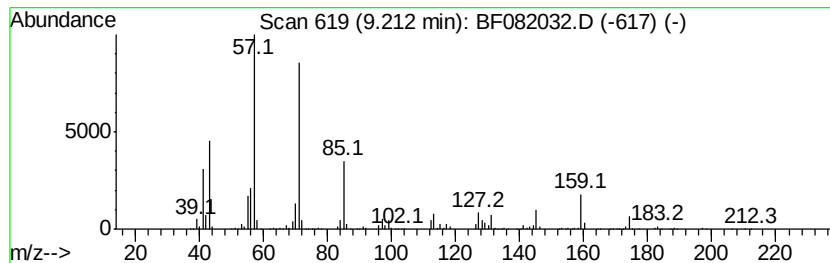
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	29.54 ng	4196500	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Hexadecane	226	C16H34	000544-76-3	59
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
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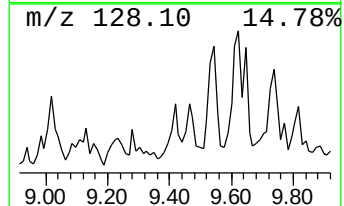
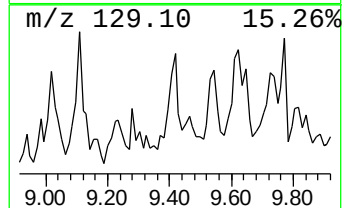
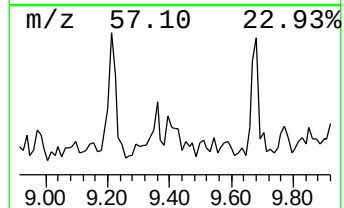
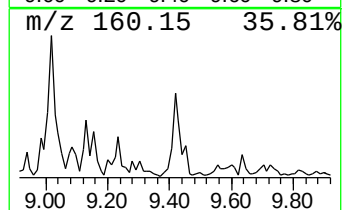
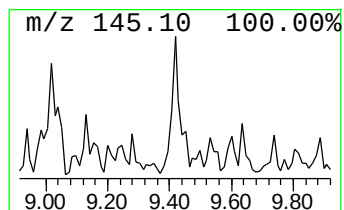
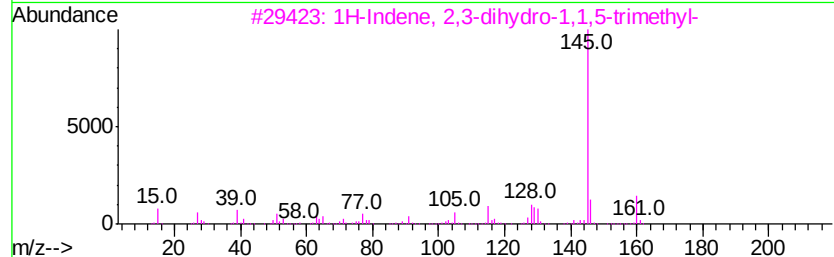
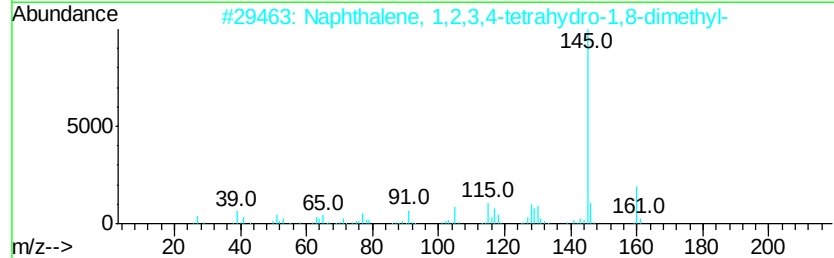
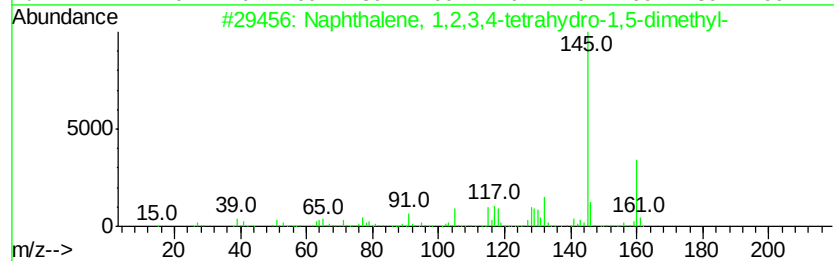
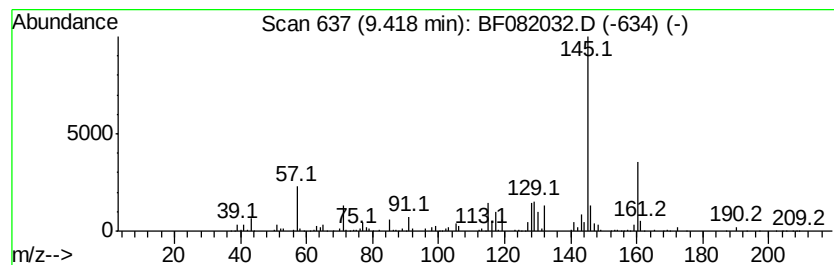
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SB-07-5.0-6.0-092915

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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, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	23.01 ng	3269180	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0 91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	025419-33-4 91
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160 C12H16	040650-41-7 90
4		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
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Instrument :
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ClientSampleId :
SB-07-5.0-6.0-092915

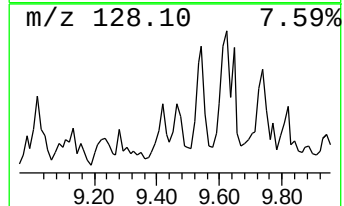
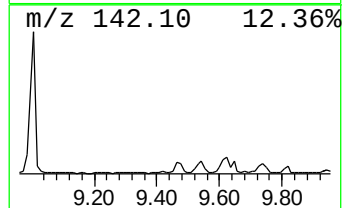
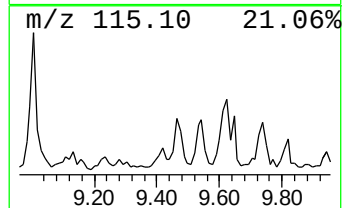
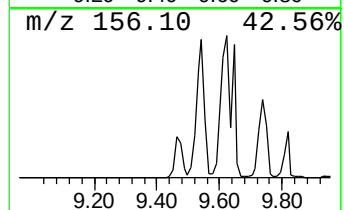
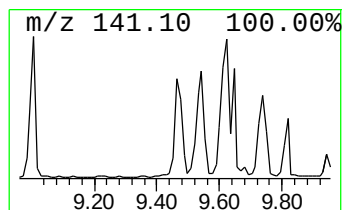
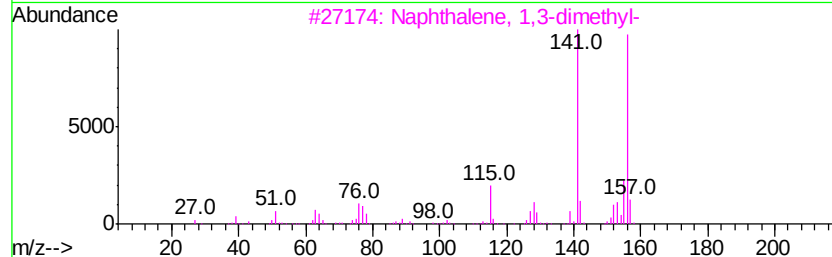
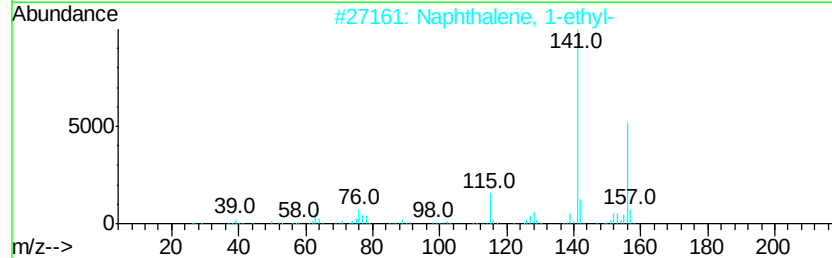
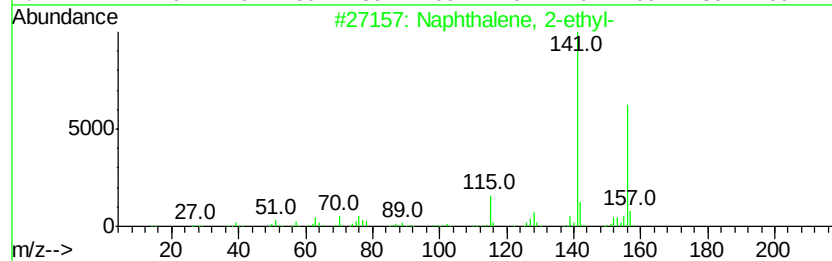
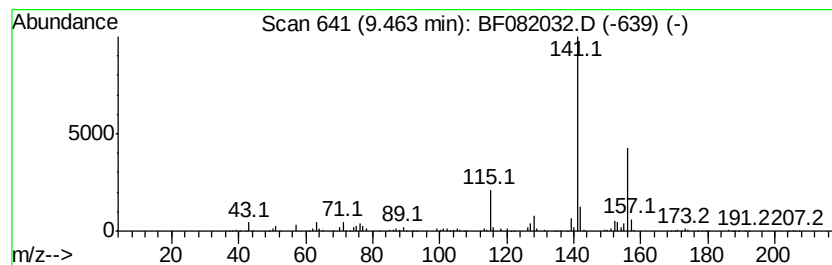
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	17.98 ng	2553990	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5		Butethal	212	C10H16N2O3	000077-28-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
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ClientSampleId :
SB-07-5.0-6.0-092915

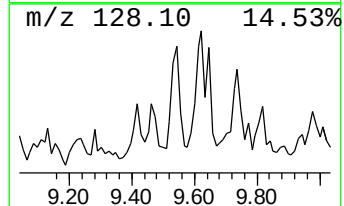
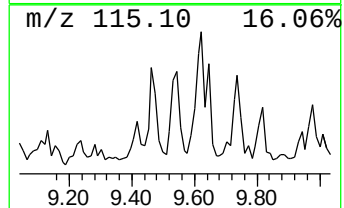
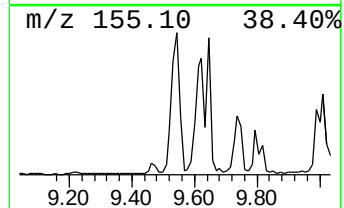
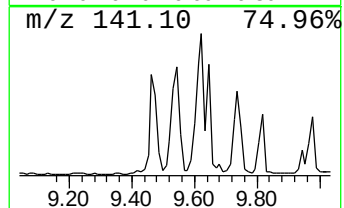
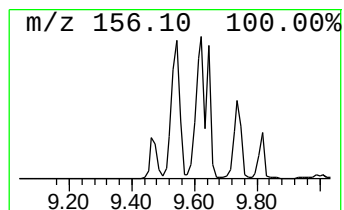
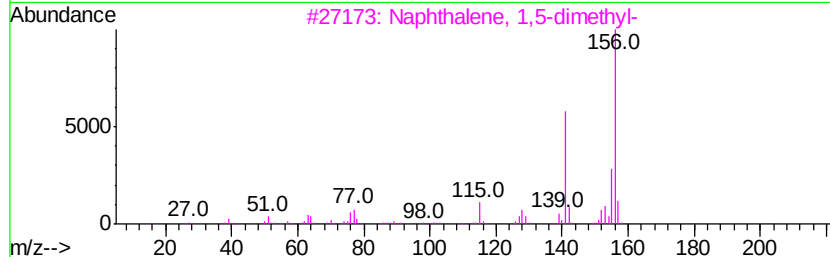
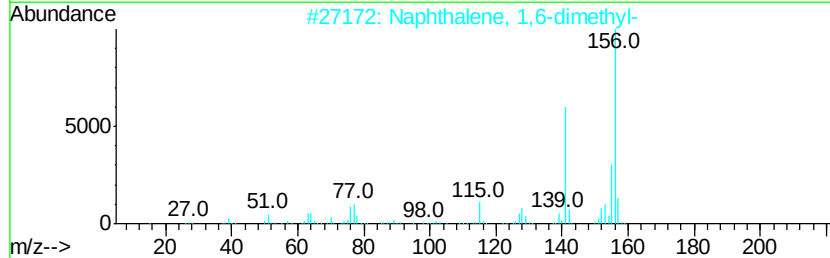
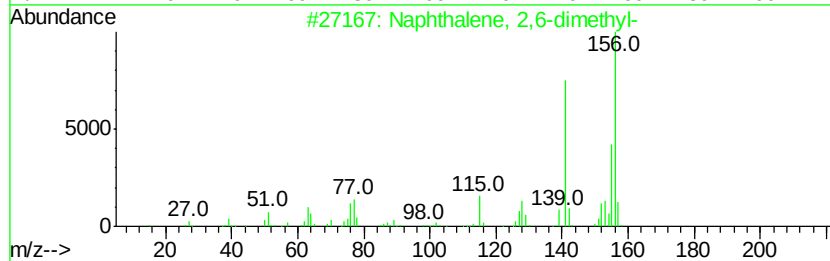
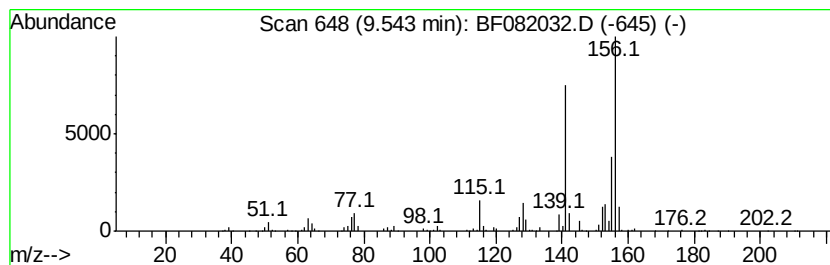
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	36.38 ng	5168140	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
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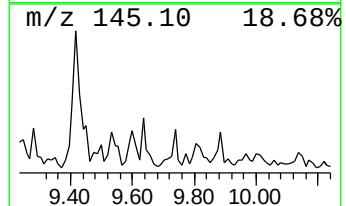
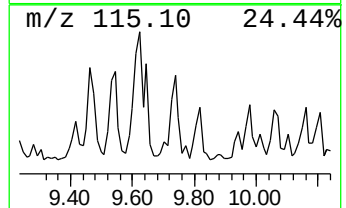
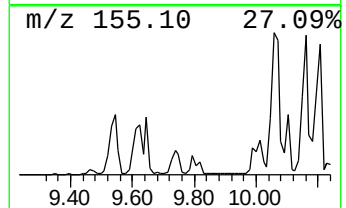
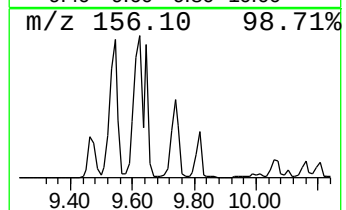
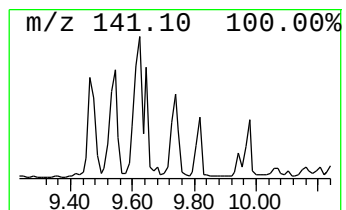
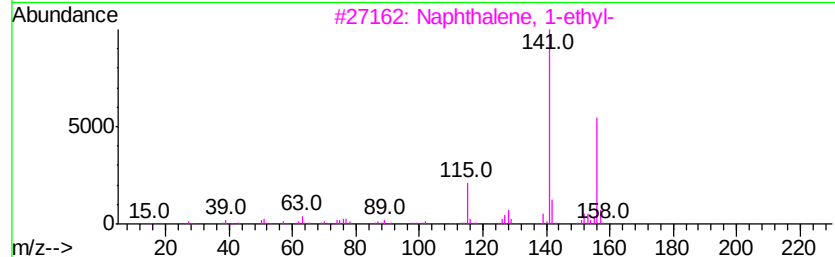
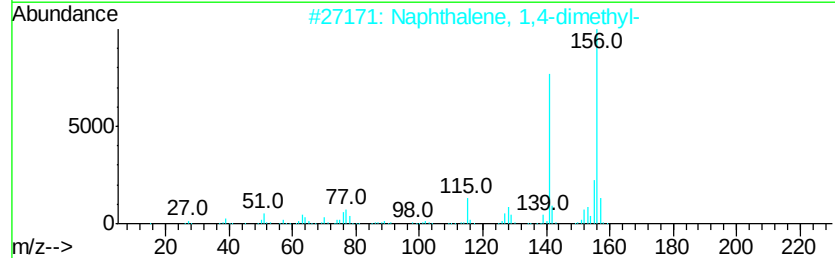
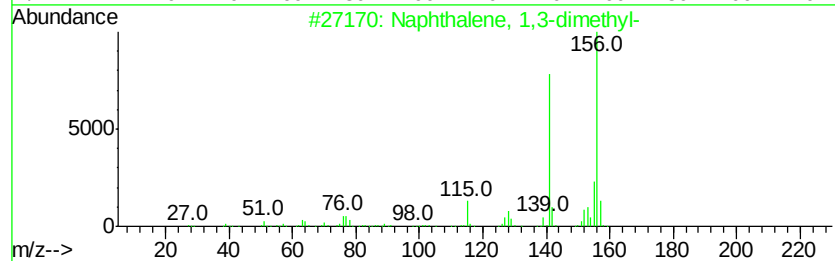
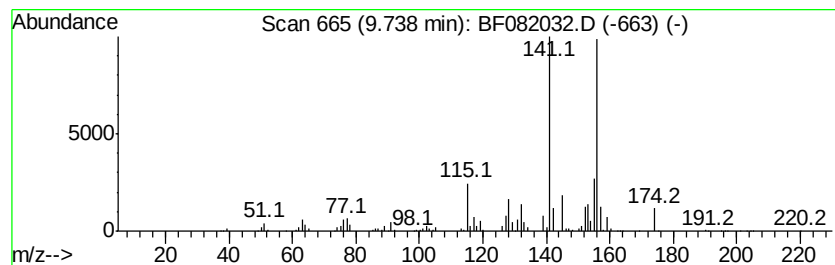
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	26.82 ng	3810650	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

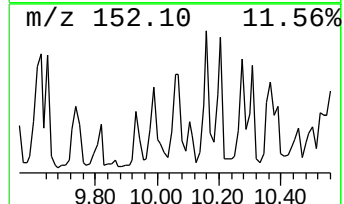
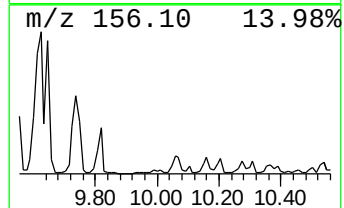
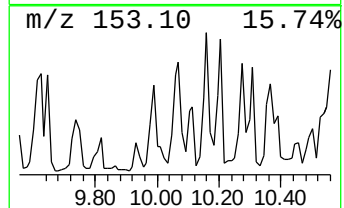
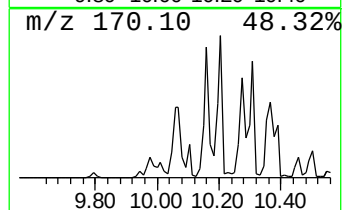
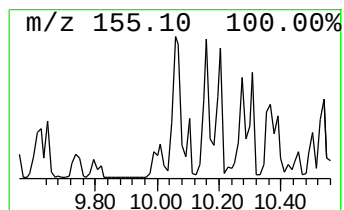
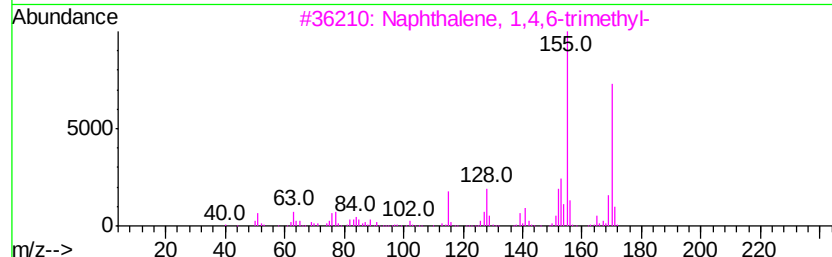
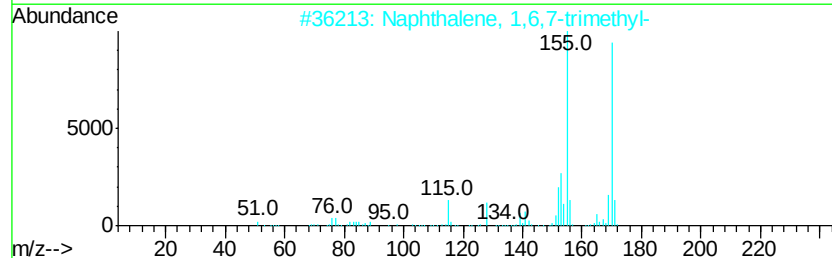
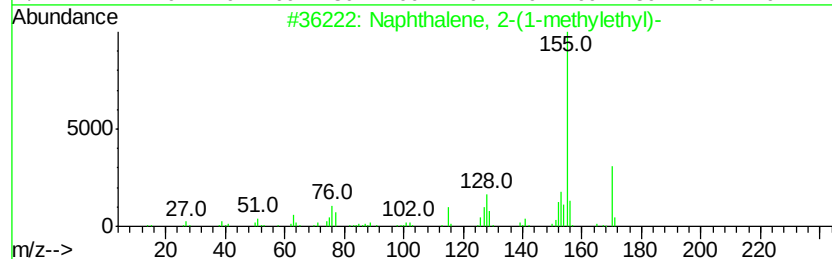
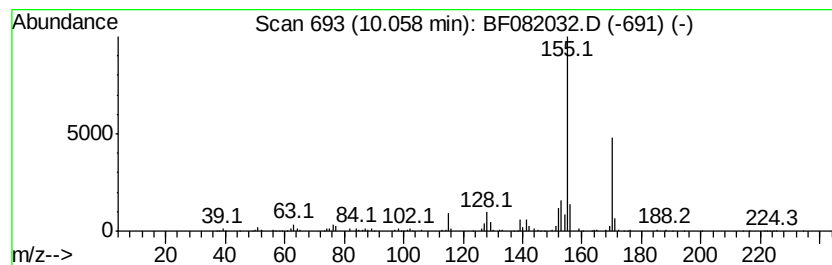
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	19.62 ng	2787630	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
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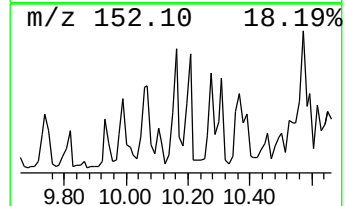
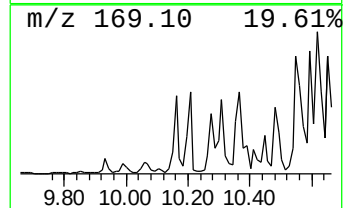
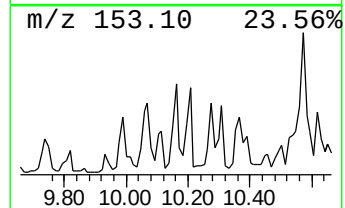
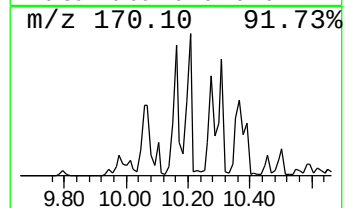
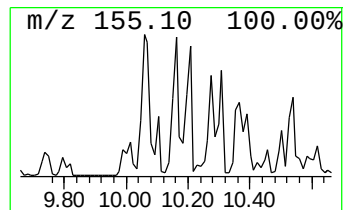
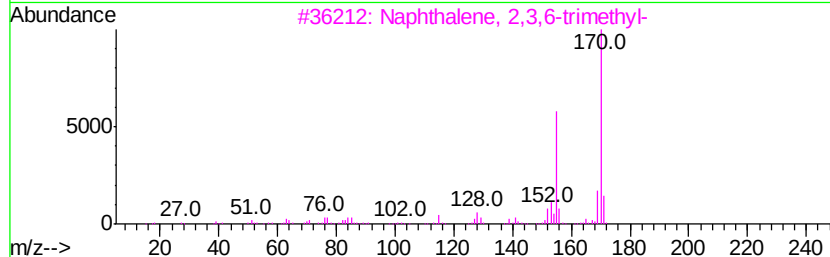
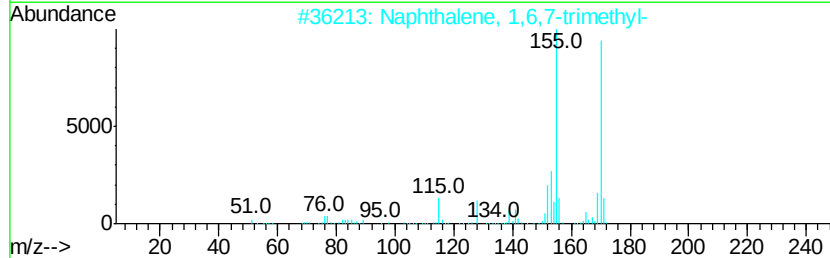
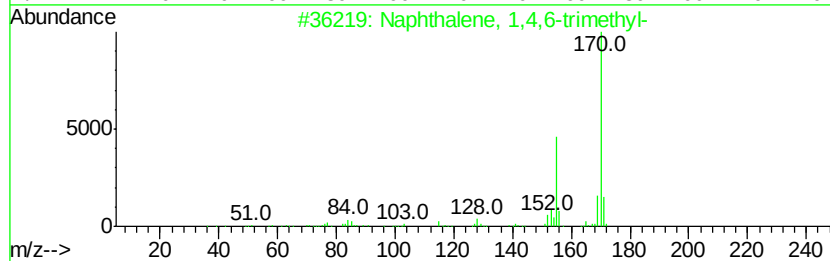
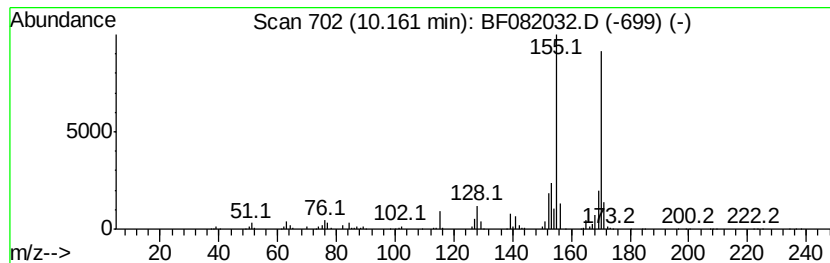
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	24.83 ng	3527940	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 97
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 96
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 94
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 93
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-5.0-6.0-092915

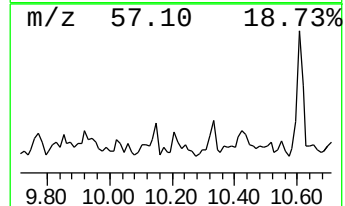
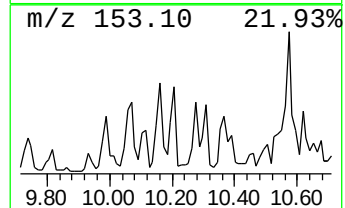
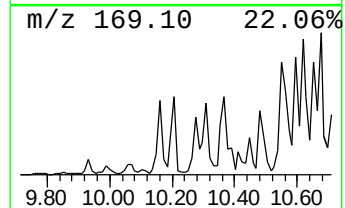
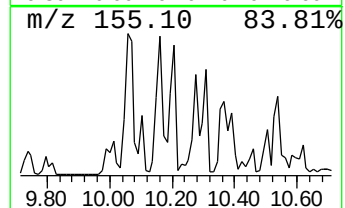
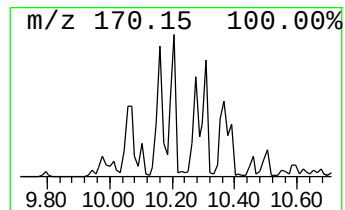
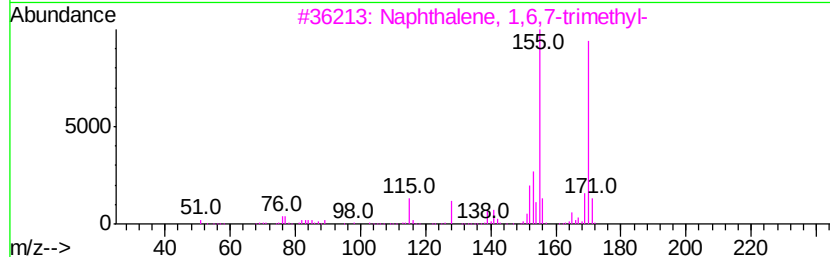
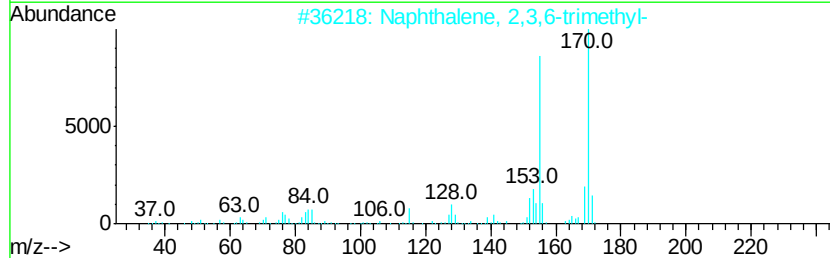
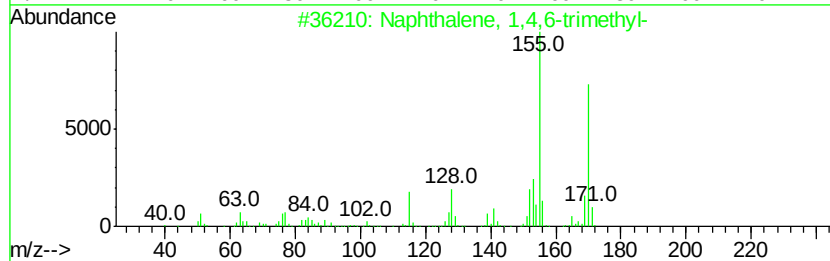
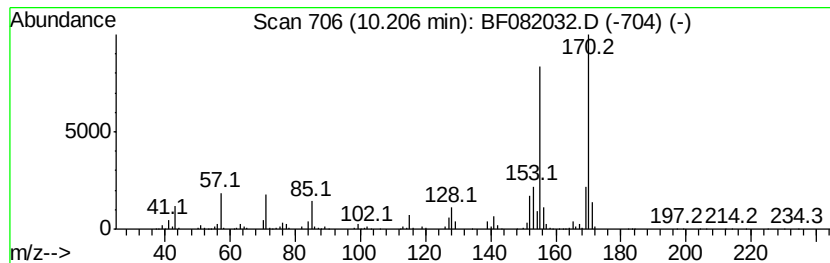
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	26.23 ng	3725820	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
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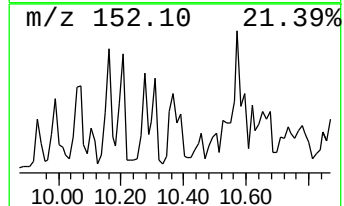
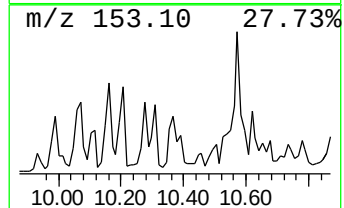
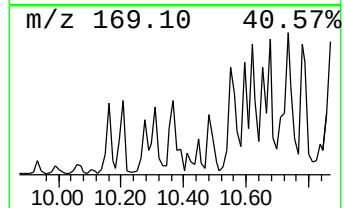
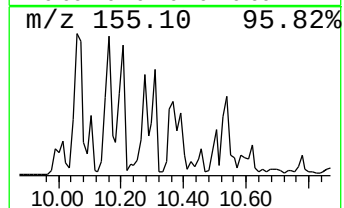
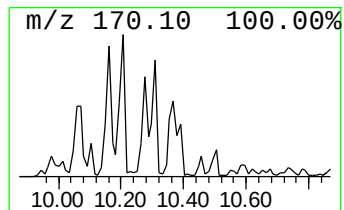
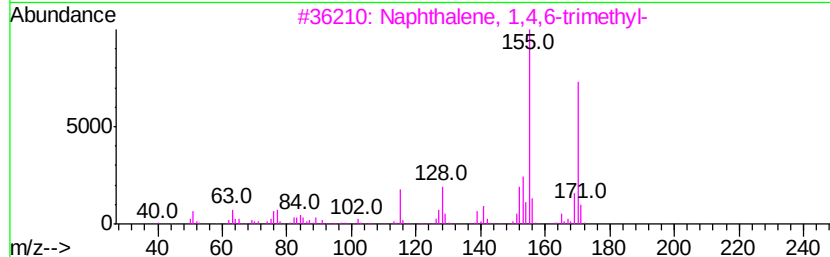
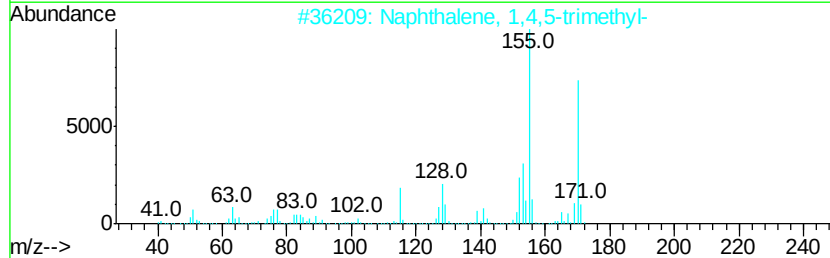
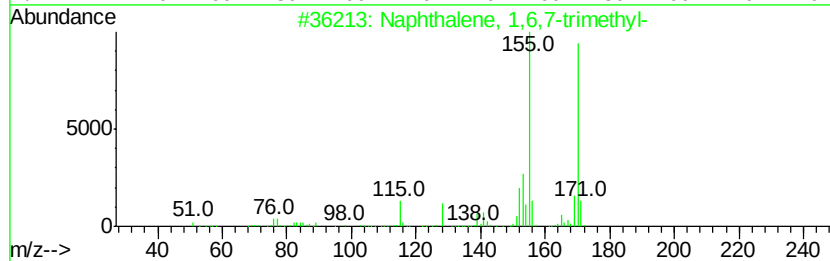
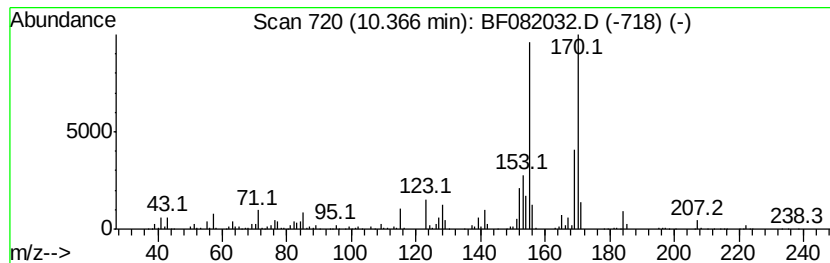
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	20.28 ng	2881600	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
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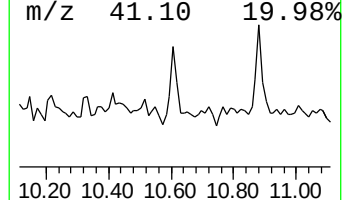
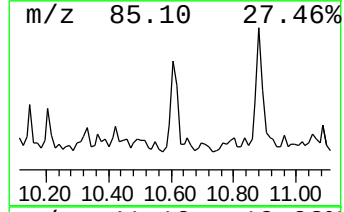
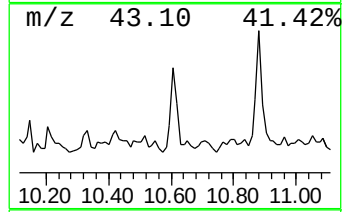
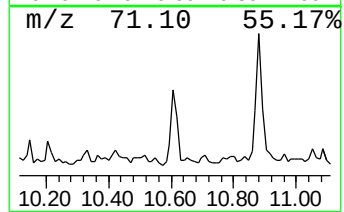
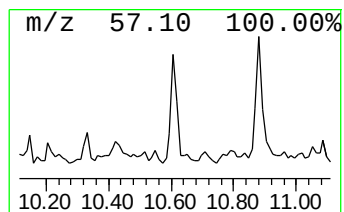
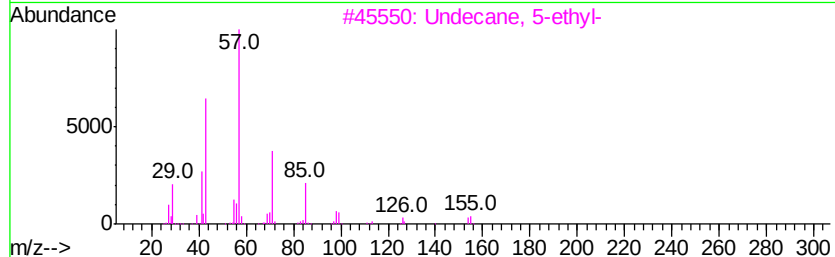
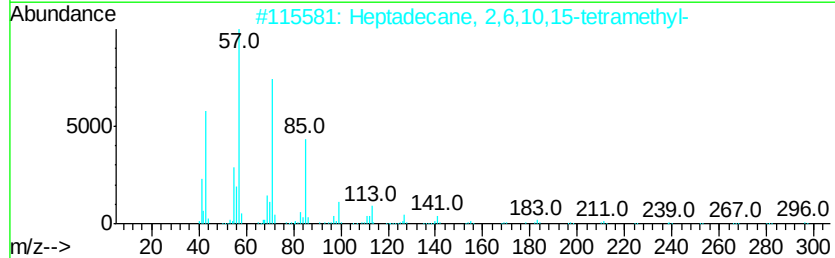
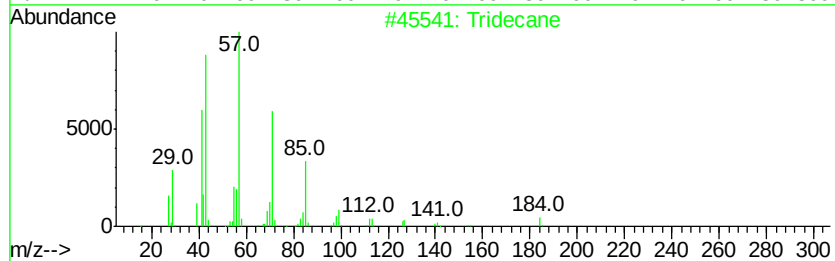
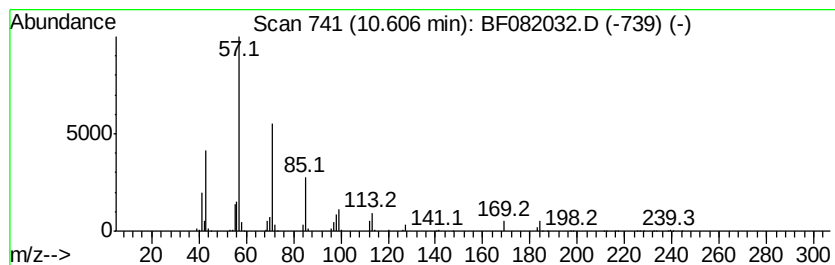
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	23.18 ng	3292830	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72
3	Undecane, 5-ethyl-	184 C13H28	017453-94-0	64
4	triacontane	422 C30H62	000638-68-6	64
5	Octacosane	394 C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
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ALS Vial : 52 Sample Multiplier: 1

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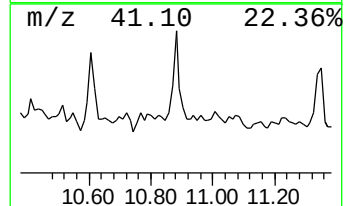
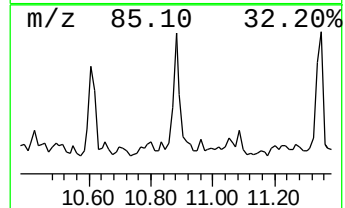
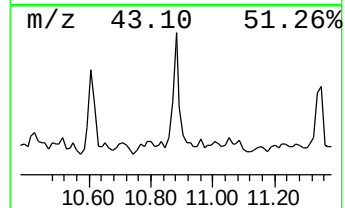
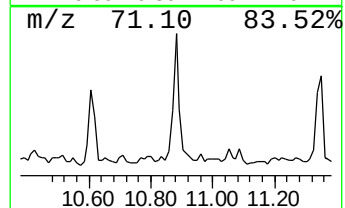
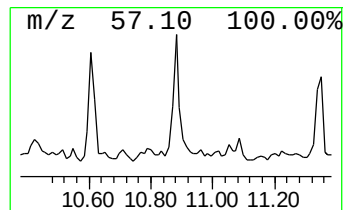
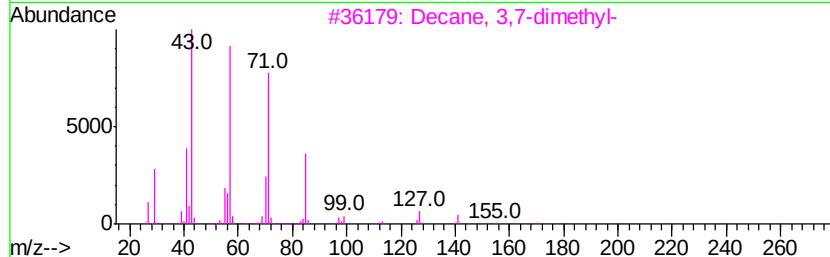
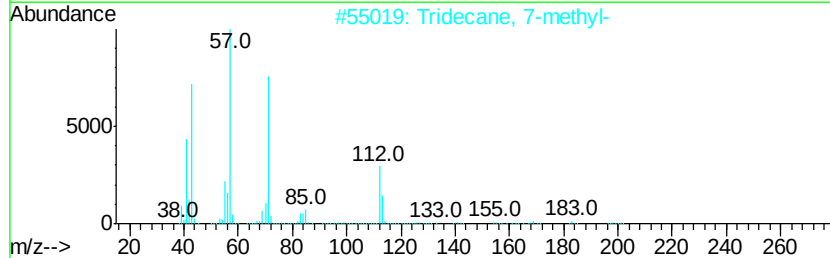
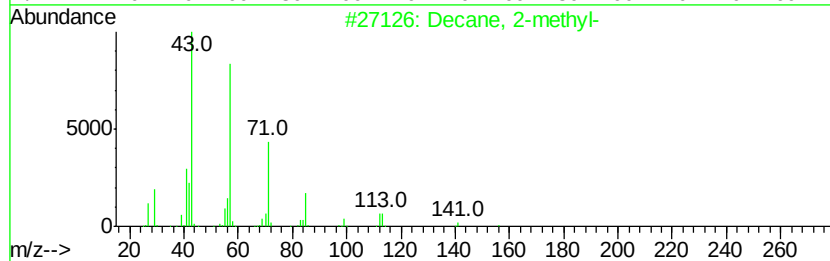
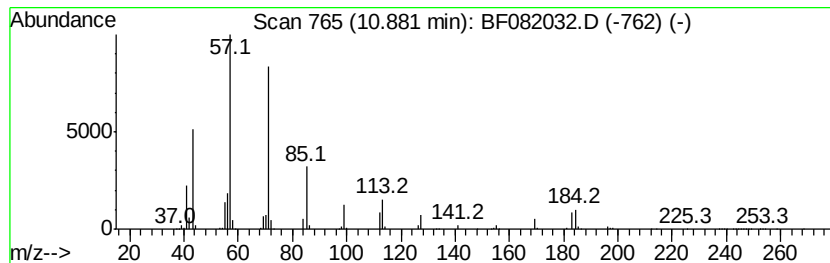
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	45.00 ng	4955620	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
3		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
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ALS Vial : 52 Sample Multiplier: 1

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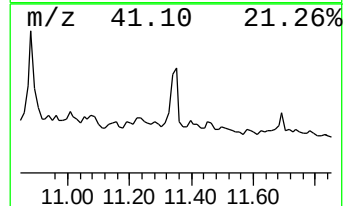
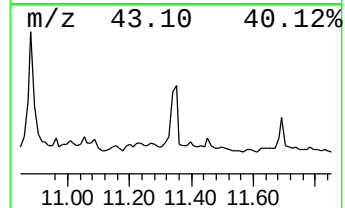
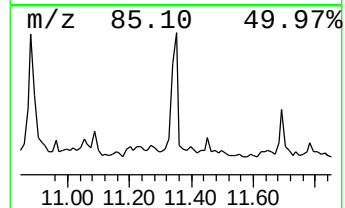
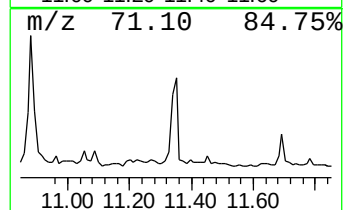
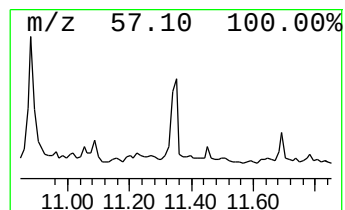
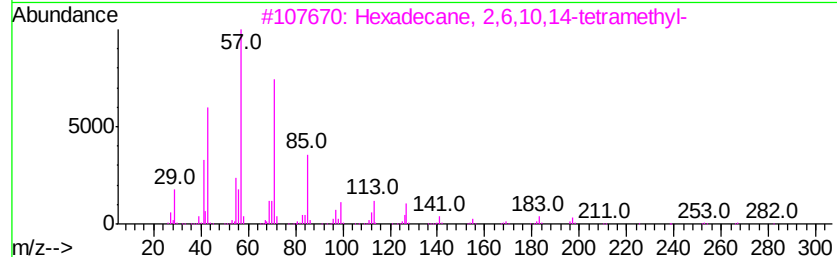
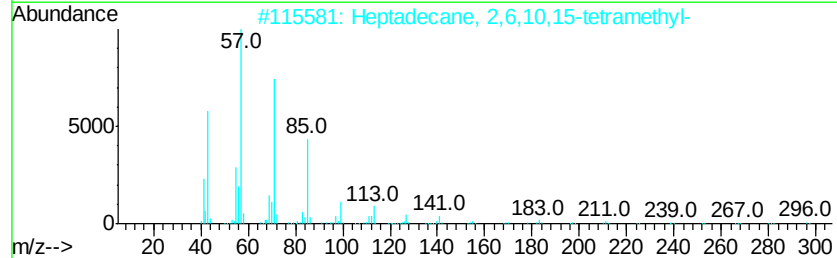
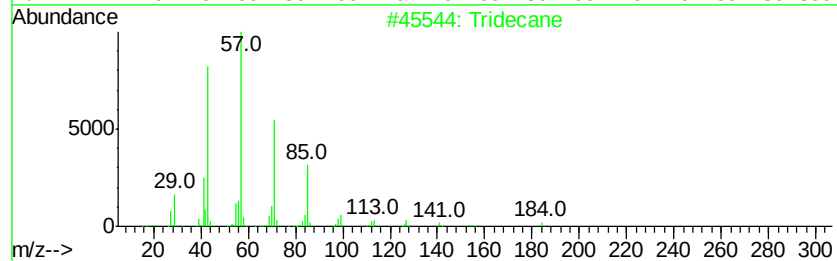
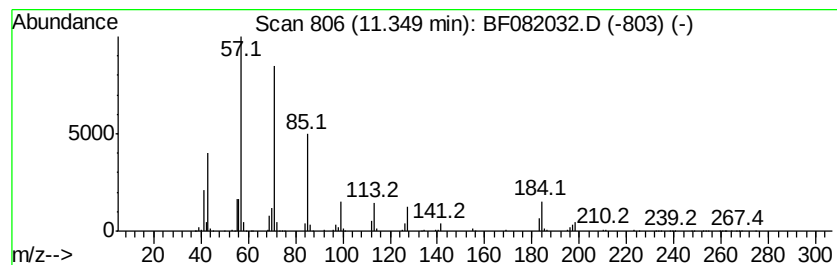
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	33.91 ng	3734440	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4		Tetradecane	198	C14H30	000629-59-4	64
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082032.D
Acq On : 3 Oct 2015 20:26
Operator : UM/IZ
Sample : G3867-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-5.0-6.0-092915

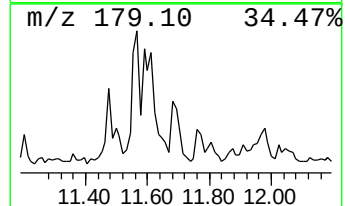
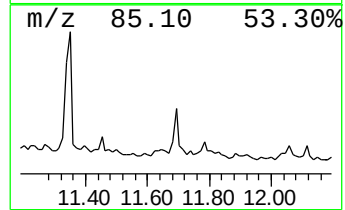
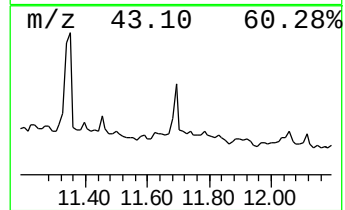
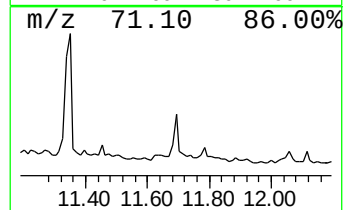
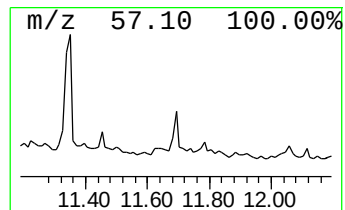
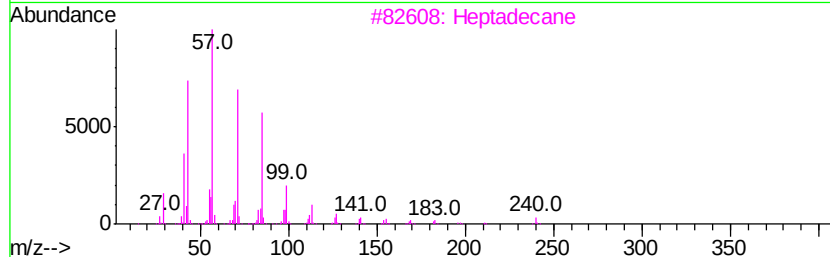
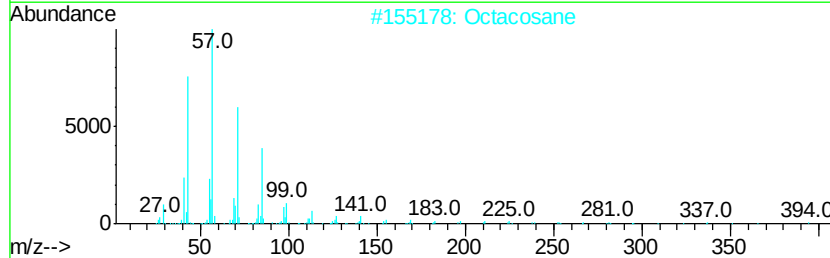
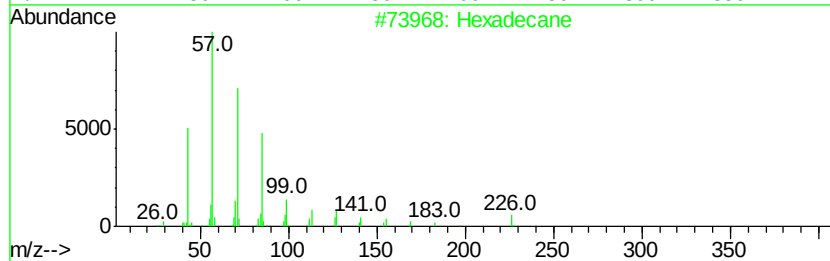
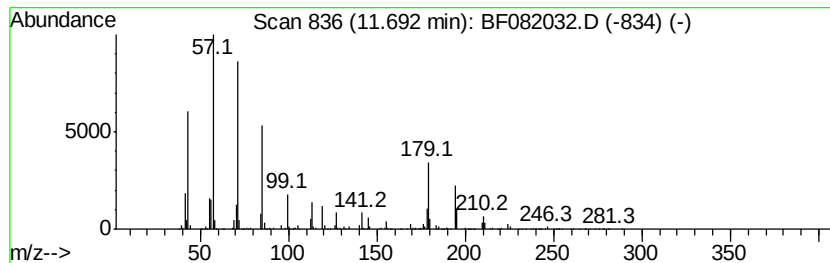
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	18.04 ng	1987010	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	58
2		Octacosane	394	C28H58	000630-02-4	52
3		Heptadecane	240	C17H36	000629-78-7	52
4		Octadecane	254	C18H38	000593-45-3	52
5		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082032.D
 Acq On : 3 Oct 2015 20:26
 Operator : UM/IZ
 Sample : G3867-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-5.0-6.0-092915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	21.3	ng	1394000	1	6.89	1307530	20.0
unknown6.65	6.65	49.2	ng	3214380	1	6.89	1307530	20.0
Cyclohexane, 1,1-...	7.15	24.7	ng	1613130	1	6.89	1307530	20.0
unknown7.53	7.53	25.9	ng	1694110	1	6.89	1307530	20.0
Nonane, 2,6-dimet...	8.61	17.8	ng	4524970	2	8.18	5092930	20.0
Dodecane, 2,7,10-...	9.21	29.5	ng	4196500	3	9.95	2841310	20.0
Naphthalene, 1,2,...	9.42	23.0	ng	3269180	3	9.95	2841310	20.0
Naphthalene, 2-et...	9.46	18.0	ng	2553990	3	9.95	2841310	20.0
Naphthalene, 2,6-...	9.54	36.4	ng	5168140	3	9.95	2841310	20.0
Naphthalene, 1,3-...	9.74	26.8	ng	3810650	3	9.95	2841310	20.0
Naphthalene, 2-(1...	10.06	19.6	ng	2787630	3	9.95	2841310	20.0
Naphthalene, 1,4,...	10.16	24.8	ng	3527940	3	9.95	2841310	20.0
Naphthalene, 2,3,...	10.21	26.2	ng	3725820	3	9.95	2841310	20.0
Naphthalene, 1,6,...	10.37	20.3	ng	2881600	3	9.95	2841310	20.0
Tridecane	10.61	23.2	ng	3292830	3	9.95	2841310	20.0
Decane, 2-methyl-	10.88	45.0	ng	4955620	4	11.45	2202690	20.0
Heptadecane, 2,6,...	11.35	33.9	ng	3734440	4	11.45	2202690	20.0
Hexadecane	11.69	18.0	ng	1987010	4	11.45	2202690	20.0