

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078640.D
 Acq On : 18 Apr 2015 12:50
 Operator : TP/IZ
 Sample : G1854-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A

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-BF040115.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	1.438	21	22	28	rBV	144970	233536	6.87%	0.315%
2	1.530	28	30	64	rVB	1276795	2410200	70.94%	3.251%
3	4.901	323	325	334	rBV	455997	577415	16.99%	0.779%
4	6.056	423	426	430	rBV3	66953	169257	4.98%	0.228%
5	6.296	444	447	450	rBV	479785	611453	18.00%	0.825%
6	6.387	453	455	457	rVB	622928	644386	18.97%	0.869%
7	6.673	478	480	484	rVB2	264833	319543	9.40%	0.431%
8	6.730	484	485	488	rVB	205316	253402	7.46%	0.342%
9	6.787	488	490	492	rBV2	92378	152887	4.50%	0.206%
10	6.856	494	496	498	rBV2	518707	638377	18.79%	0.861%
11	6.890	498	499	503	rVB3	139267	177676	5.23%	0.240%
12	7.004	504	509	511	rBV3	155428	239265	7.04%	0.323%
13	7.107	516	518	520	rVB3	157003	236283	6.95%	0.319%
14	7.153	520	522	524	rBV	171841	267293	7.87%	0.360%
15	7.199	524	526	529	rBV	109382	173335	5.10%	0.234%
16	7.302	532	535	538	rBV3	100431	275078	8.10%	0.371%
17	7.382	538	542	544	rBV3	513866	807321	23.76%	1.089%
18	7.507	548	553	555	rBV4	147021	239135	7.04%	0.323%
19	7.610	560	562	564	rVB	240012	325619	9.58%	0.439%
20	7.667	564	567	568	rBV	280165	500927	14.74%	0.676%
21	7.702	568	570	572	rVB2	260804	319675	9.41%	0.431%
22	7.747	572	574	577	rVB3	167945	304979	8.98%	0.411%
23	7.805	577	579	583	rBV4	435378	851562	25.06%	1.149%
24	7.873	583	585	587	rVB3	157403	267608	7.88%	0.361%
25	7.942	587	591	593	rBV3	351889	803646	23.65%	1.084%
26	7.976	593	594	595	rVB	194538	133453	3.93%	0.180%
27	8.010	595	597	600	rVB4	289593	419782	12.36%	0.566%
28	8.067	600	602	606	rBV3	369878	633225	18.64%	0.854%
29	8.136	606	608	610	rBV2	197796	202204	5.95%	0.273%
30	8.262	614	619	622	rBV5	622653	1670193	49.16%	2.253%
31	8.330	622	625	628	rVB3	343702	660061	19.43%	0.890%
32	8.410	630	632	633	rVB	868199	1105350	32.53%	1.491%
33	8.433	633	634	636	rBV2	94901	143227	4.22%	0.193%
34	8.467	636	637	639	rVB2	347089	328294	9.66%	0.443%

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35	8.525	639	642	644	rBV3	599700	1038148	30.56%	1.400%
36	8.570	644	646	647	rBV2	276880	235614	6.93%	0.318%
37	8.616	647	650	652	rVB3	516045	742959	21.87%	1.002%
38	8.662	652	654	655	rBV	544524	690202	20.31%	0.931%
39	8.719	655	659	661	rBV4	225058	525250	15.46%	0.708%
40	8.753	661	662	664	rVB2	454218	436540	12.85%	0.589%
41	8.822	664	668	669	rBV4	236909	541095	15.93%	0.730%
42	8.856	669	671	672	rVB2	1040639	1198128	35.26%	1.616%
43	8.890	672	674	676	rVB2	444903	527104	15.51%	0.711%
44	8.948	677	679	682	rVB4	366447	625841	18.42%	0.844%
45	9.050	682	688	689	rBV5	376761	1200209	35.32%	1.619%
46	9.085	689	691	694	rVB4	365834	421986	12.42%	0.569%
47	9.142	694	696	698	rBV3	390958	478957	14.10%	0.646%
48	9.176	698	699	701	rVB	491852	496023	14.60%	0.669%
49	9.210	701	702	704	rBV2	330805	359374	10.58%	0.485%
50	9.256	704	706	708	rBV3	686757	894081	26.31%	1.206%
51	9.302	708	710	711	rBV2	549320	839471	24.71%	1.132%
52	9.325	711	712	714	rVB2	171933	220333	6.48%	0.297%
53	9.428	718	721	723	rBV3	323091	500093	14.72%	0.674%
54	9.473	723	725	727	rVB3	334094	365021	10.74%	0.492%
55	9.599	730	736	738	rBV3	1132875	2759212	81.21%	3.721%
56	9.679	742	743	745	rBV2	283197	412607	12.14%	0.556%
57	9.770	749	751	754	rVB4	578116	1216941	35.82%	1.641%
58	9.816	754	755	759	rBV3	423030	1071265	31.53%	1.445%
59	9.919	762	764	767	rBV2	513381	945337	27.82%	1.275%
60	10.010	769	772	773	rBV3	860610	1153594	33.95%	1.556%
61	10.056	773	776	778	rVB3	743927	1232072	36.26%	1.662%
62	10.159	781	785	790	rVB3	1762408	3397634	100.00%	4.582%
63	10.251	790	793	794	rBV2	536332	718794	21.16%	0.969%
64	10.308	794	798	800	rVB4	736982	1390784	40.93%	1.876%
65	10.388	800	805	806	rBV4	355177	1007120	29.64%	1.358%
66	10.422	806	808	809	rBV2	499673	769558	22.65%	1.038%
67	10.571	817	821	824	rBV	411929	943867	27.78%	1.273%
68	10.616	824	825	828	rVB3	291863	246713	7.26%	0.333%
69	10.685	828	831	833	rBV2	718593	1178113	34.67%	1.589%
70	10.742	833	836	837	rVB	793715	1154001	33.96%	1.556%
71	10.765	837	838	839	rBV	95964	117434	3.46%	0.158%

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72	10.822	840	843	845	rBV3	725434	1302282	38.33%	1.756%
73	10.925	850	852	854	rBV3	474714	1047941	30.84%	1.413%
74	11.039	860	862	864	rBV	362765	443424	13.05%	0.598%
75	11.085	864	866	869	rVB3	434189	1000708	29.45%	1.350%
76	11.165	869	873	875	rBV3	615147	1452332	42.75%	1.959%
77	11.313	882	886	889	rVB2	1364711	2157304	63.49%	2.910%
78	11.359	889	890	891	rBV	193528	138071	4.06%	0.186%
79	11.393	891	893	894	rBV	509169	600140	17.66%	0.809%
80	11.542	904	906	907	rBV	226900	284785	8.38%	0.384%
81	11.645	912	915	917	rBV2	2266647	3308194	97.37%	4.462%
82	11.805	928	929	931	rVB2	556830	492904	14.51%	0.665%
83	11.851	931	933	936	rVV4	330079	734750	21.63%	0.991%
84	11.942	939	941	944	rVB4	292176	561366	16.52%	0.757%
85	12.216	963	965	968	rBV2	1299896	1876830	55.24%	2.531%
86	12.262	968	969	972	rVB	488828	603499	17.76%	0.814%
87	12.399	979	981	985	rBV3	354322	800111	23.55%	1.079%
88	12.651	1001	1003	1004	rBV	503879	640611	18.85%	0.864%
89	12.868	1020	1022	1023	rBV	380005	495645	14.59%	0.668%
90	12.902	1023	1025	1028	rVB	538829	731083	21.52%	0.986%
91	12.994	1031	1033	1034	rBV	375046	468499	13.79%	0.632%
92	13.565	1080	1083	1084	rBV	493786	757219	22.29%	1.021%
93	13.737	1096	1098	1103	rVB	639816	832062	24.49%	1.122%
94	13.999	1119	1121	1123	rVB	709455	768486	22.62%	1.036%
95	14.102	1129	1130	1133	rVB	239616	276824	8.15%	0.373%
96	14.228	1139	1141	1144	rVB	1012692	1097228	32.29%	1.480%
97	14.285	1144	1146	1148	rBV	210018	307023	9.04%	0.414%
98	15.485	1249	1251	1253	rBV2	428583	637180	18.75%	0.859%
99	17.120	1392	1394	1397	rBV	385439	488759	14.39%	0.659%
100	18.697	1530	1532	1536	rVB	358913	692850	20.39%	0.934%

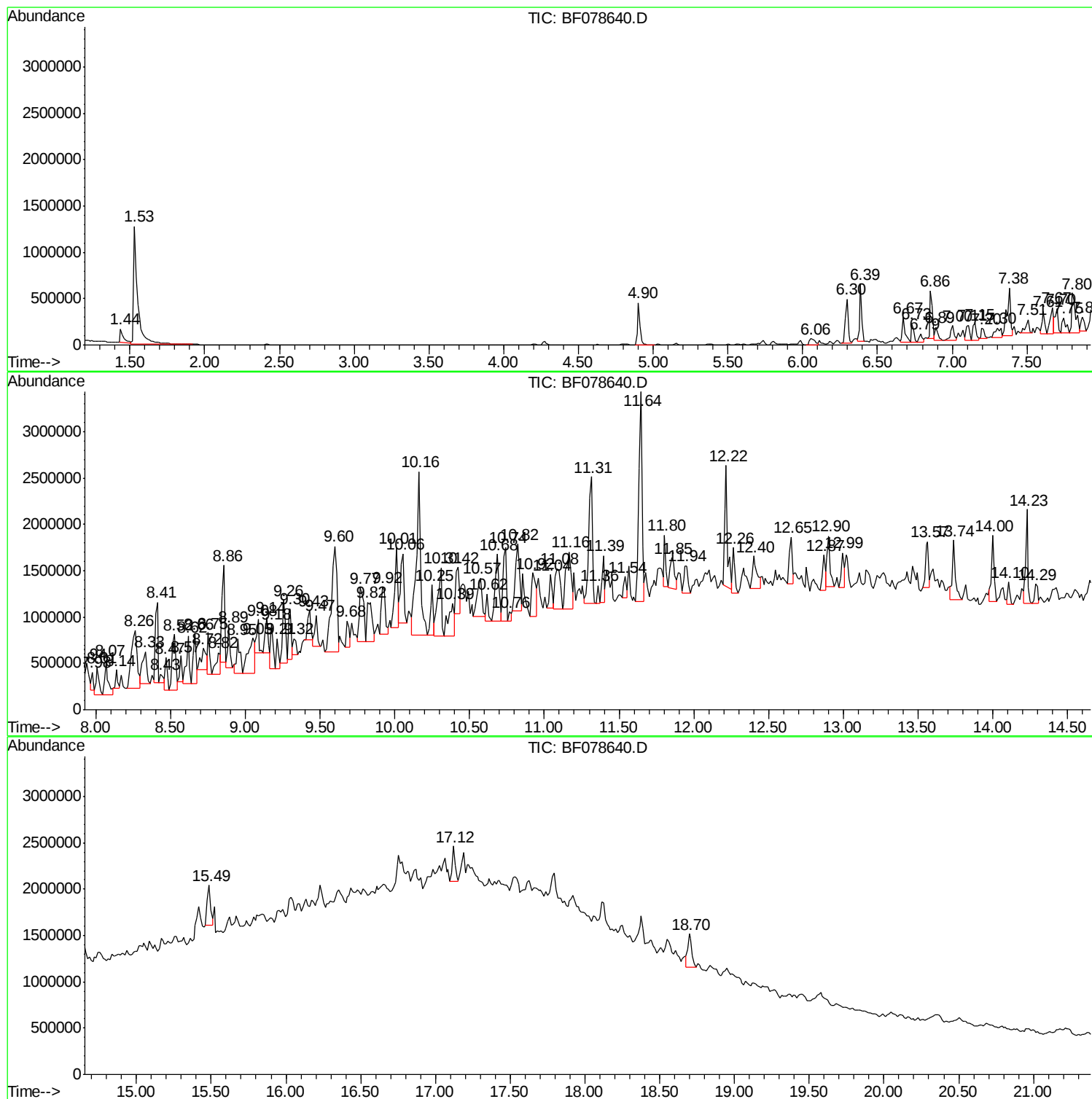
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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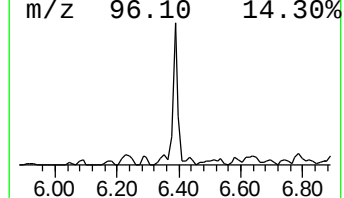
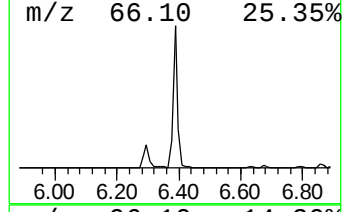
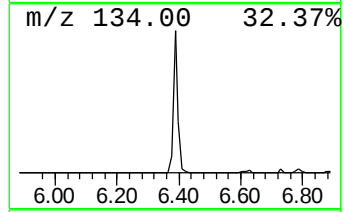
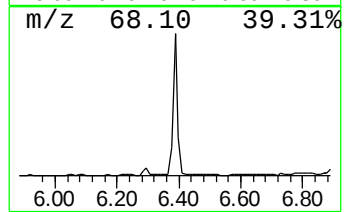
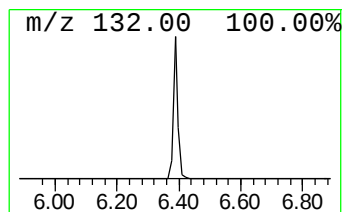
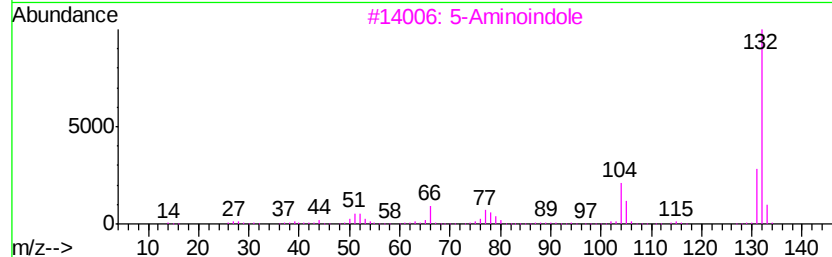
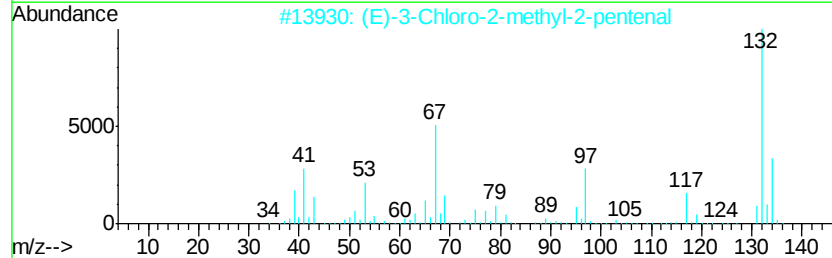
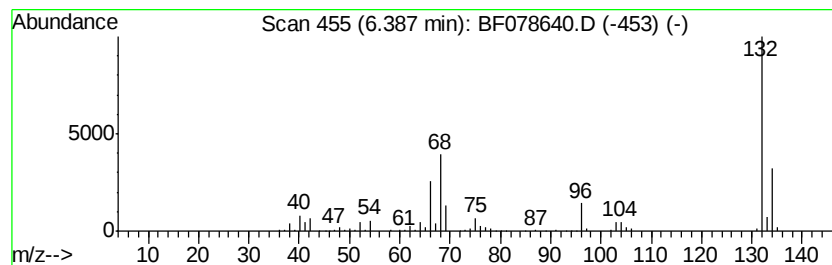
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	40.33 ng	644386	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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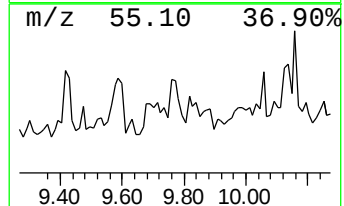
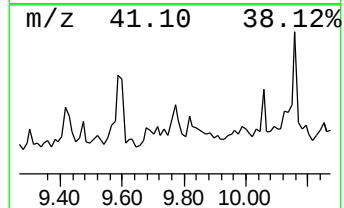
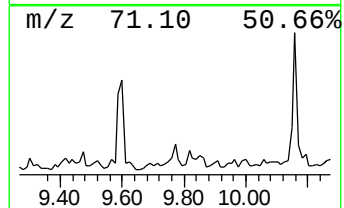
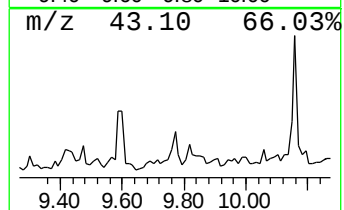
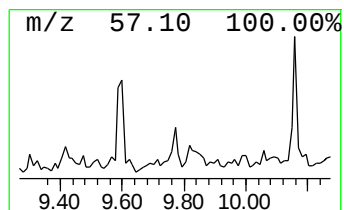
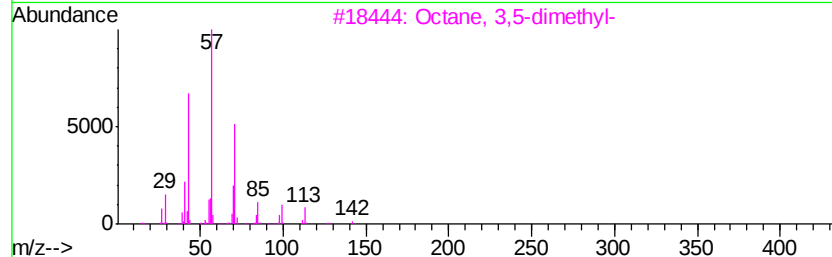
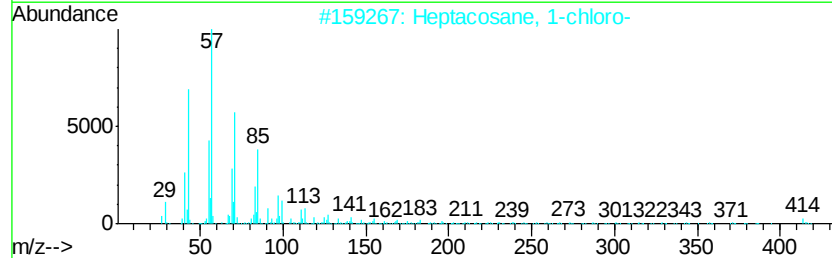
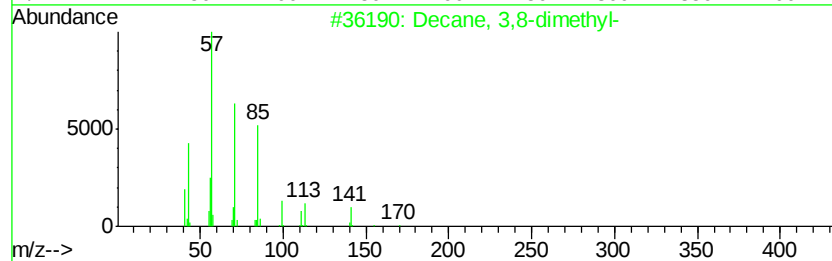
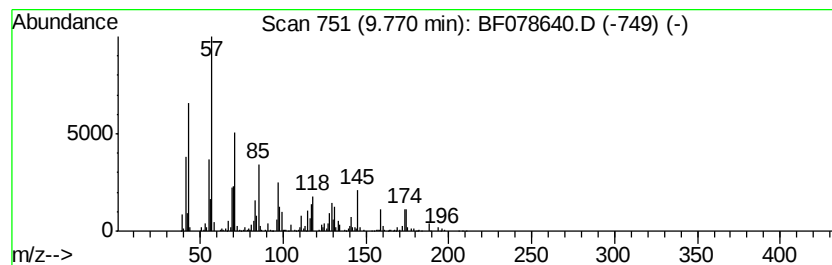
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.77 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	31.63 ng	1216940	Acenaphthene-d10	10.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	38
2	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	35
3	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	35
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	30
5	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	27



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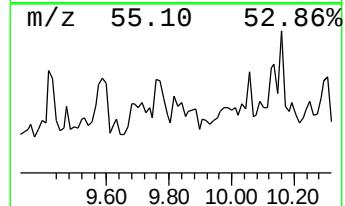
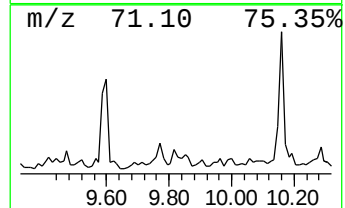
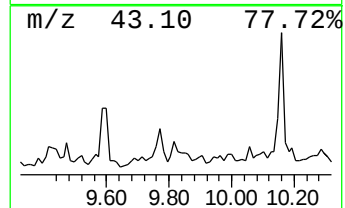
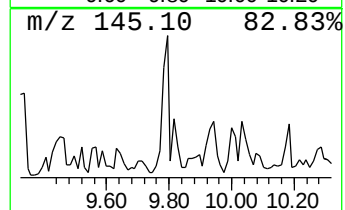
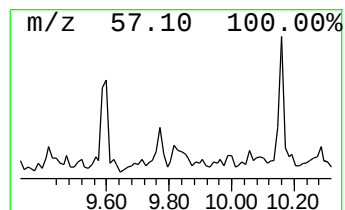
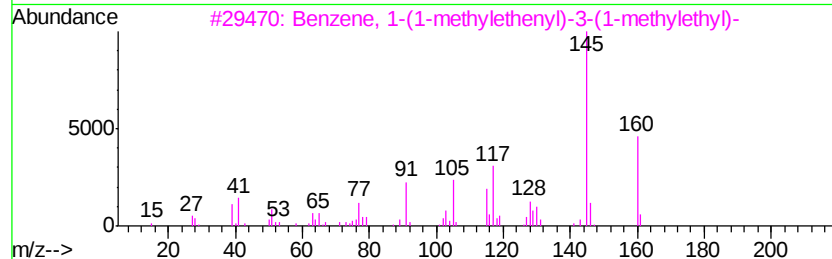
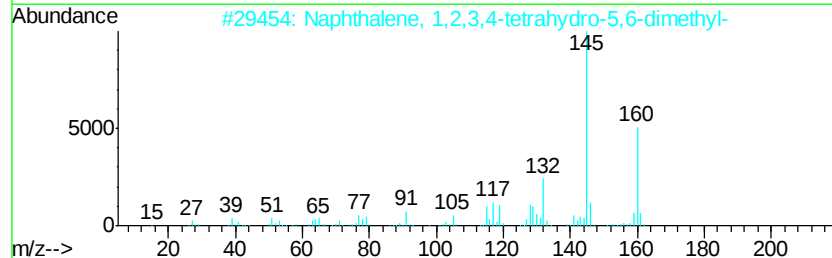
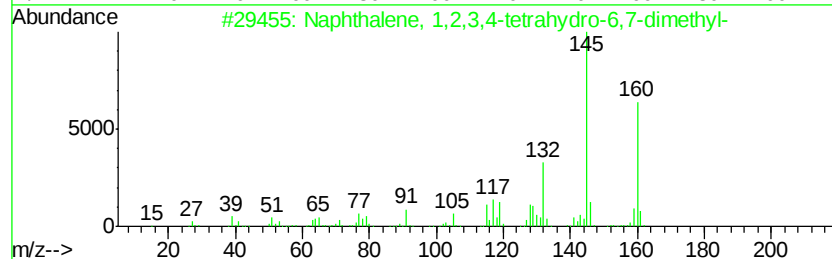
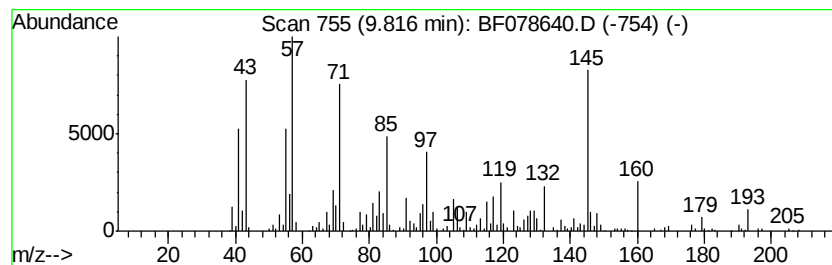
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Peak Number 5 unknown9.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	27.84 ng	1071270	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	42
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	42
3		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
4		Tritetracontane	605	C43H88	007098-21-7	38
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38



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ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB11A

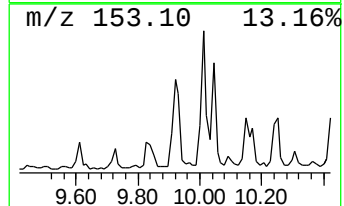
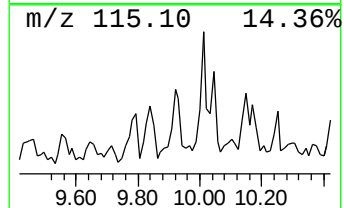
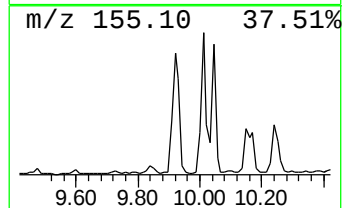
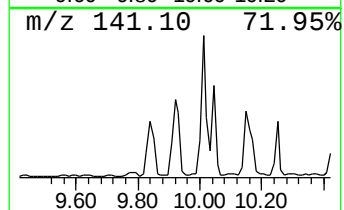
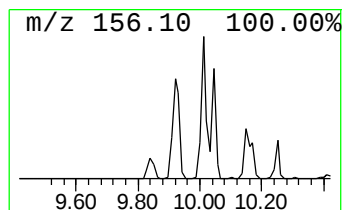
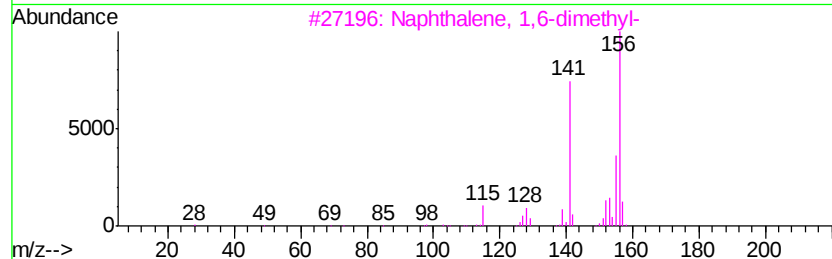
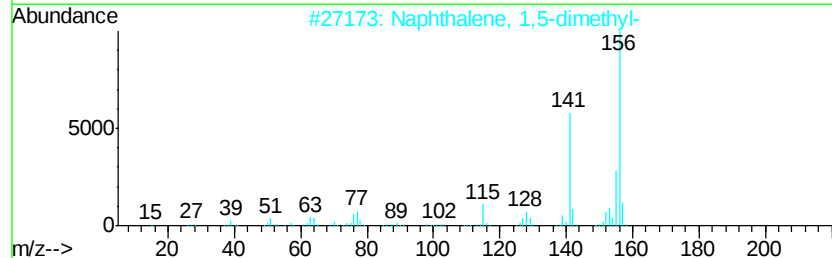
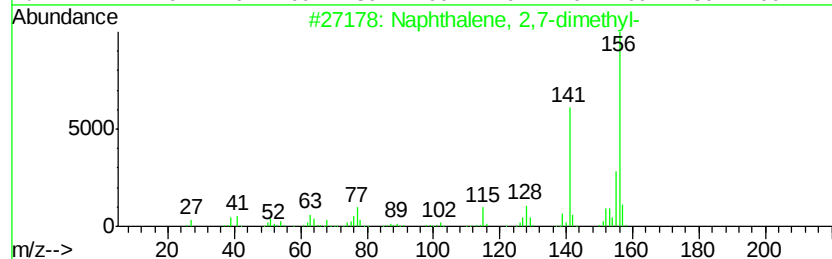
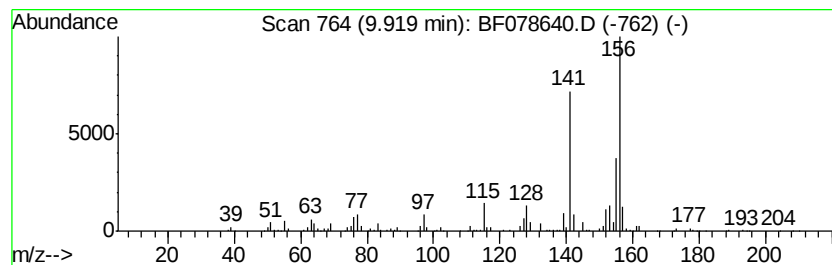
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	24.57 ng	945337	Acenaphthene-d10	10.41

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB11A

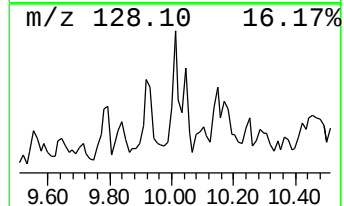
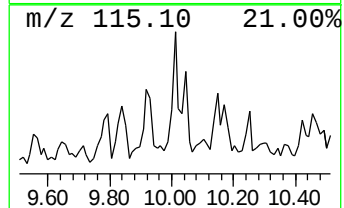
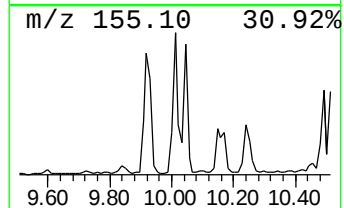
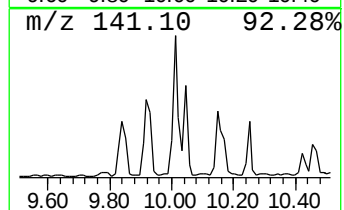
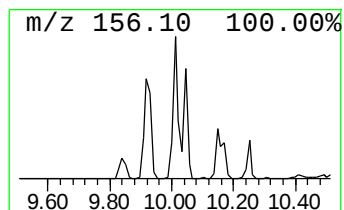
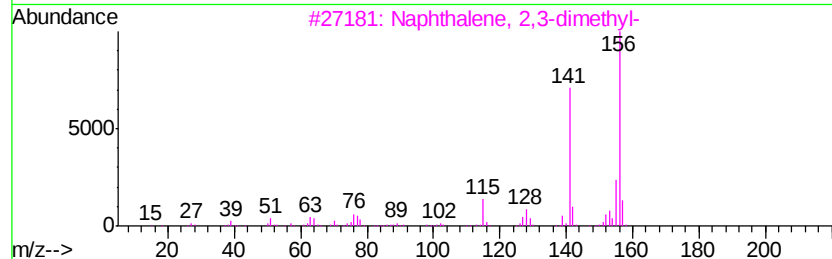
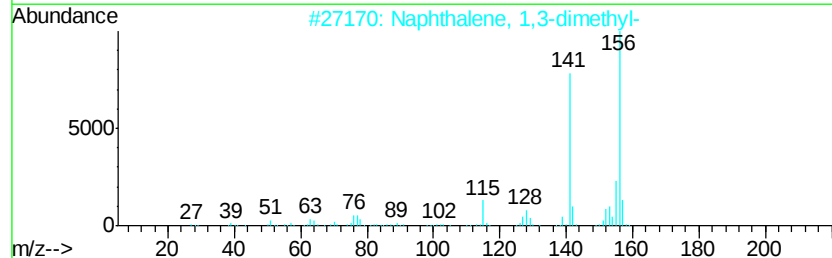
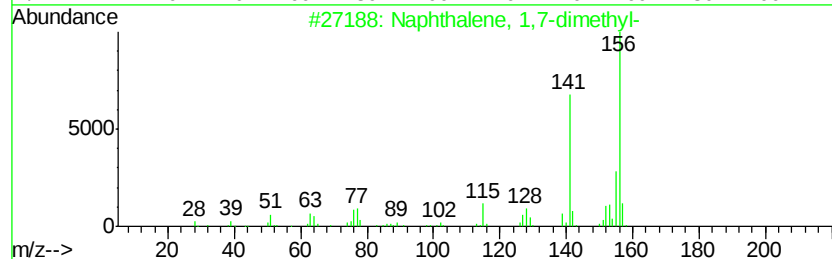
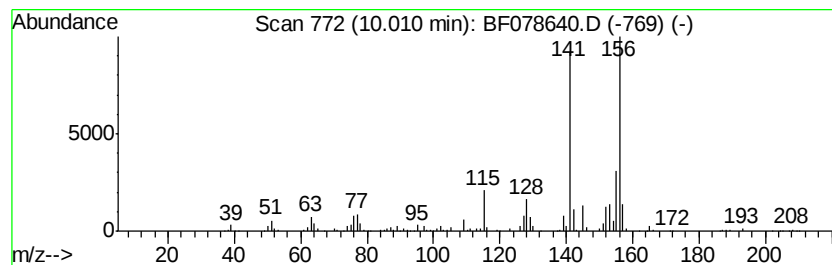
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	29.98 ng	1153590	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
Misc :
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ClientSampleId :
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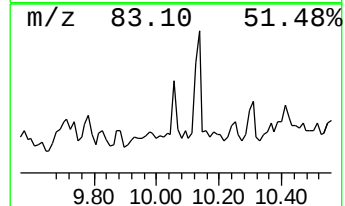
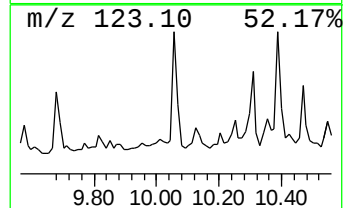
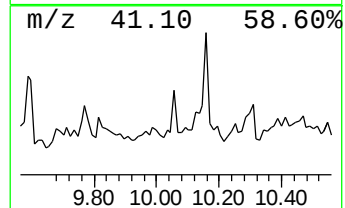
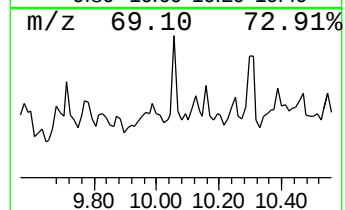
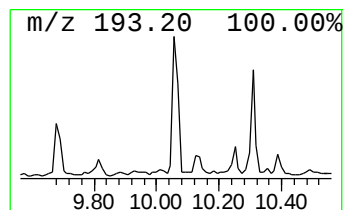
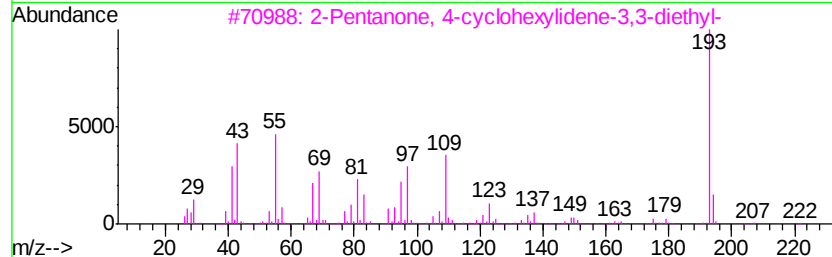
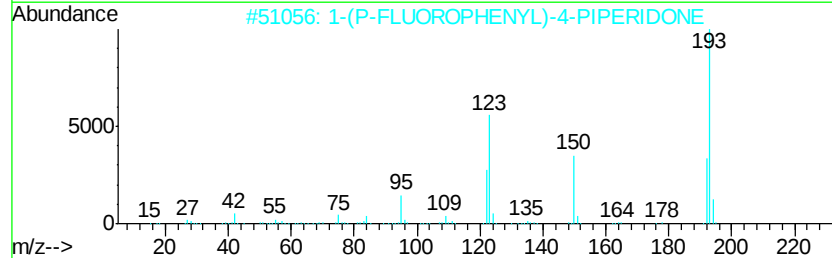
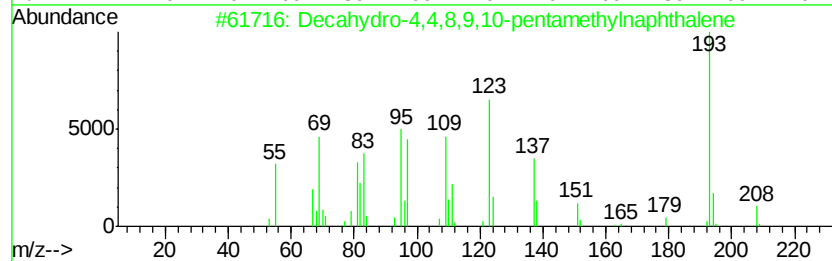
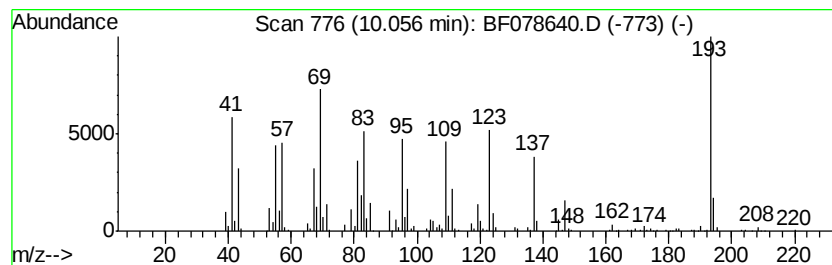
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	32.02 ng	1232070	Acenaphthene-d10	10.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FN0	1000238-56-7	38
3		2-Pentanone, 4-cvclohexvlidene-3...	222	C15H26O	313253-65-5	32
4		Iminostilbene	193	C14H11N	000256-96-2	25
5		diallyl(2,2,4a,7,7-pentamethyl-1...	384	C19H33N2O4P	1000187-42-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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Operator : TP/IZ
Sample : G1854-01
Misc :
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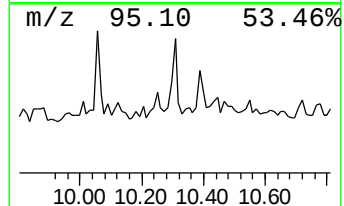
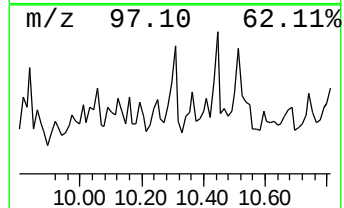
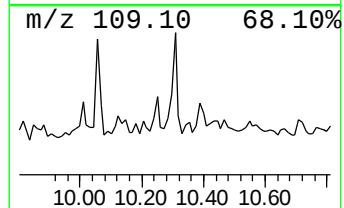
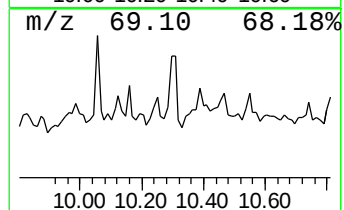
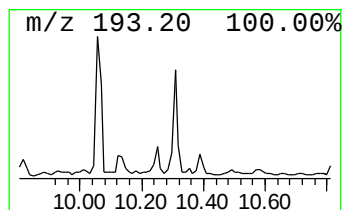
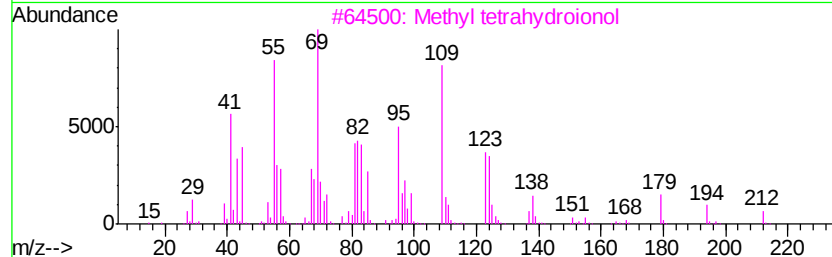
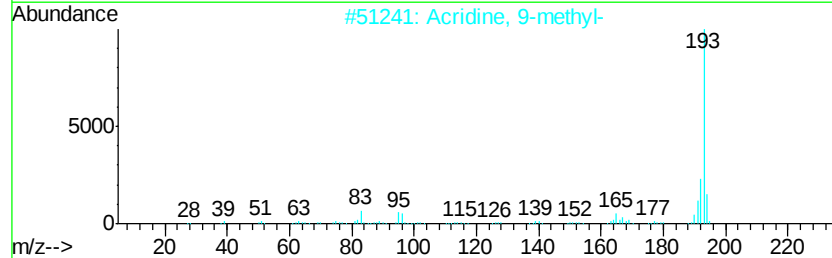
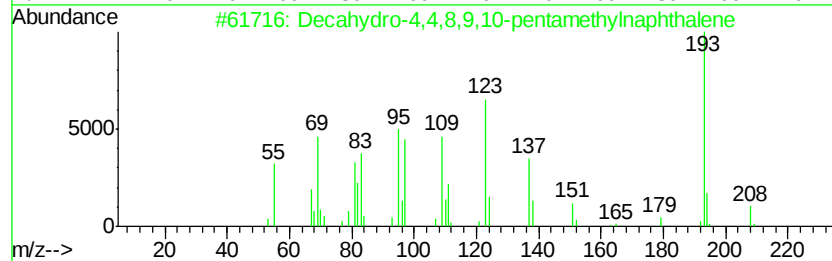
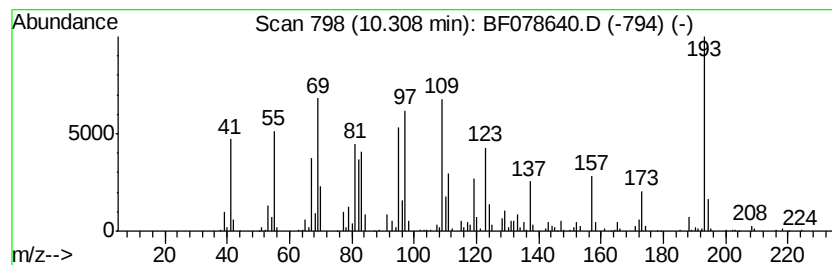
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	36.15 ng	1390780	Acenaphthene-d10	10.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 59
2		Acridine, 9-methyl-	193 C14H11N	000611-64-3 27
3		Methyl tetrahydroionol	212 C14H28O	060241-53-4 16
4		Borinic acid, diethyl-, 3,3,5-tr...	208 C13H25BO	057387-76-5 14
5		2,6-Heptadienal, 2,4-dimethyl-	138 C9H14O	085136-08-9 14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
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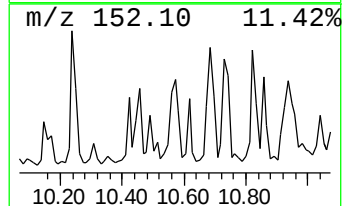
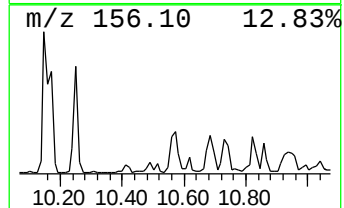
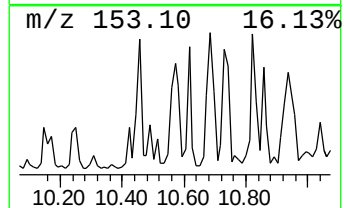
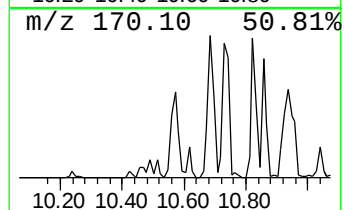
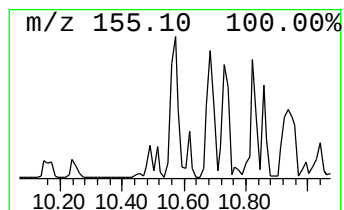
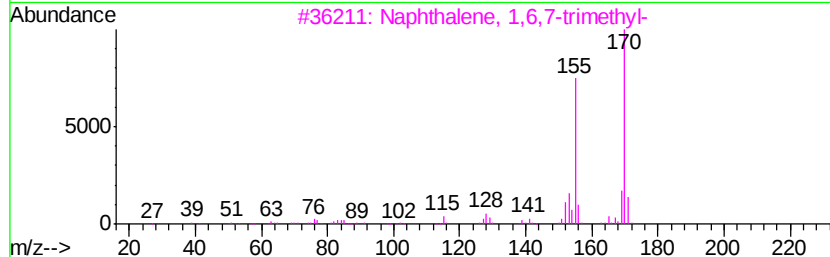
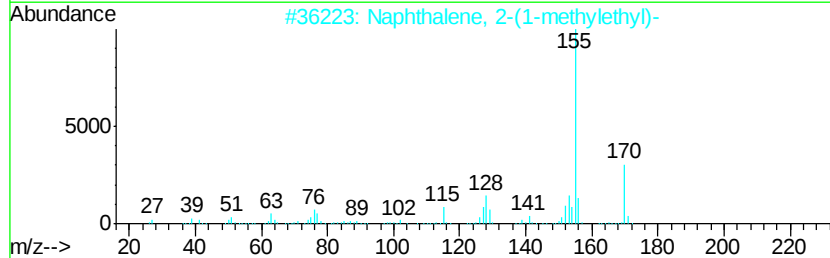
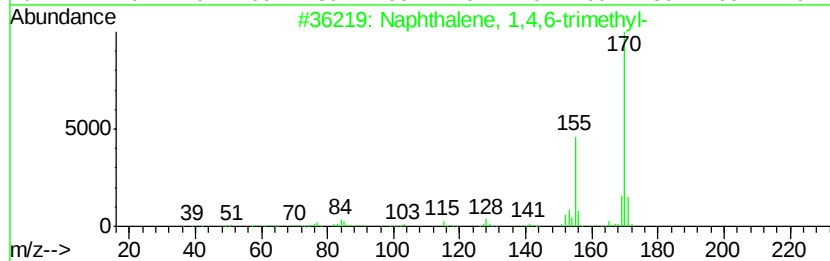
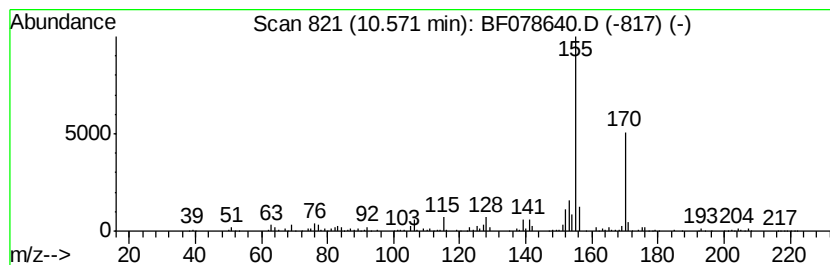
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	24.53 ng	943867	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
4		1'-Acetonaphthone	170	C12H10O	000941-98-0	64
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
LS-SB11A

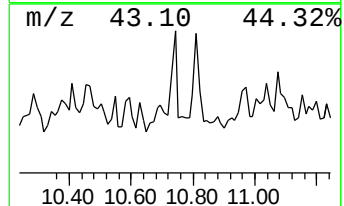
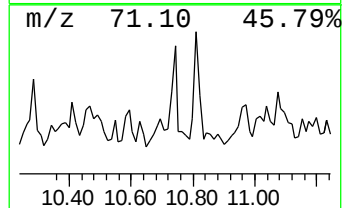
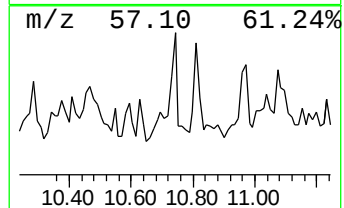
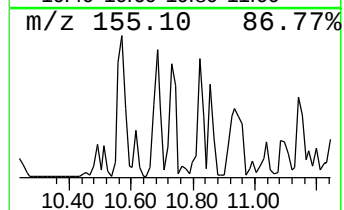
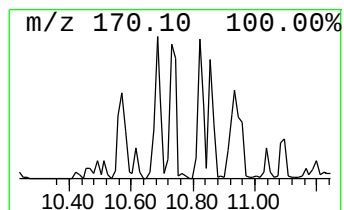
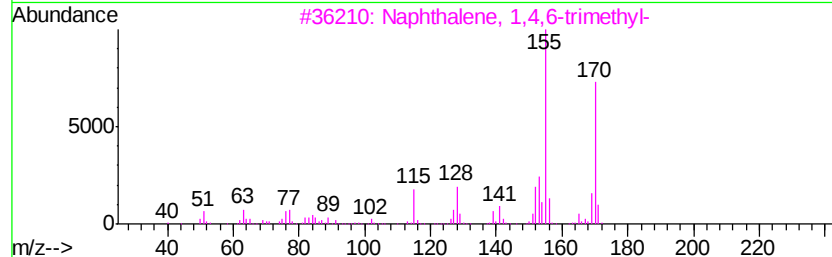
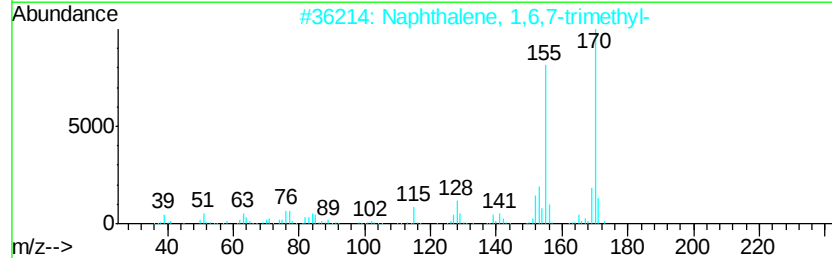
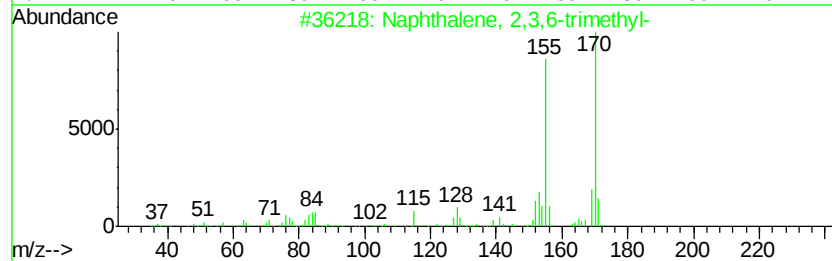
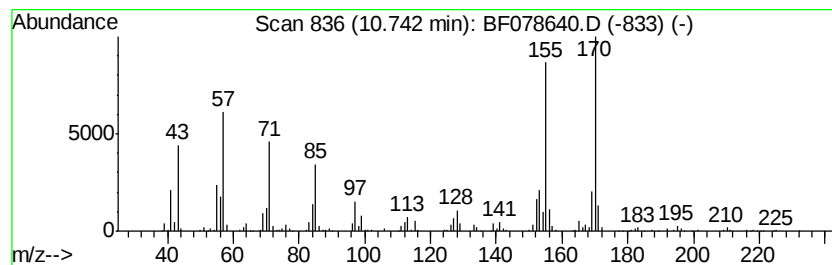
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	29.99 ng	1154000	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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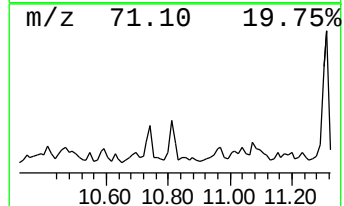
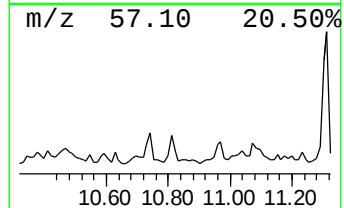
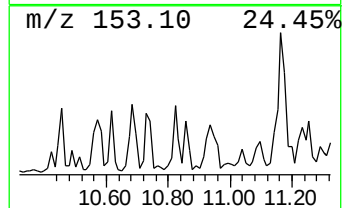
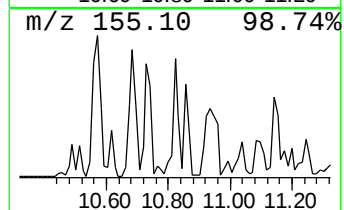
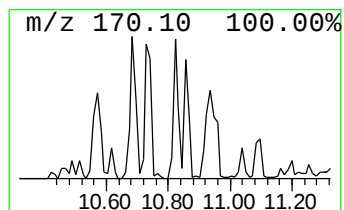
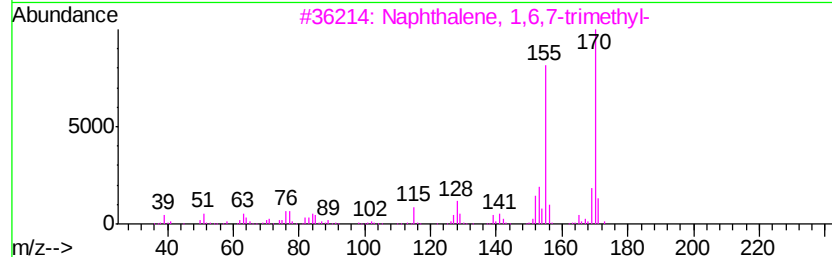
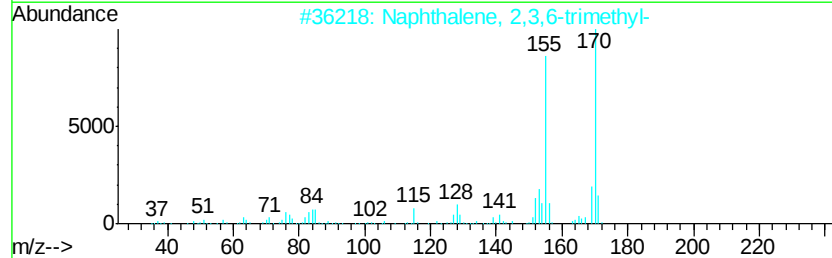
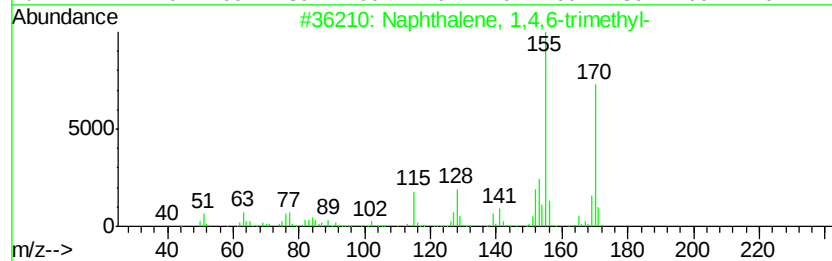
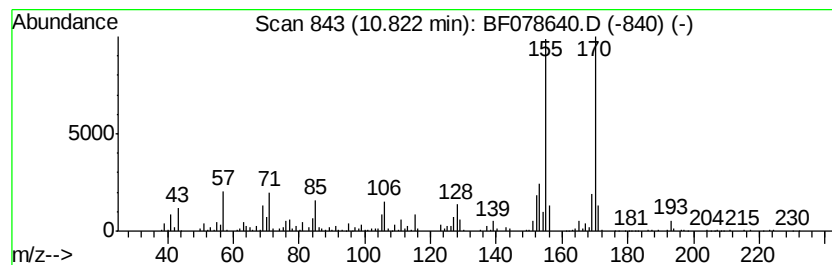
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	33.84 ng	1302280	Acenaphthene-d10	10.41

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	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB11A

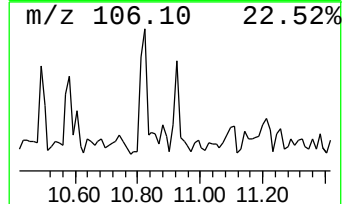
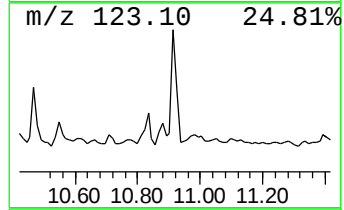
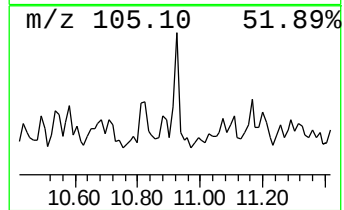
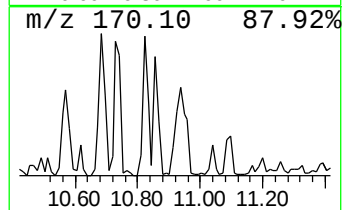
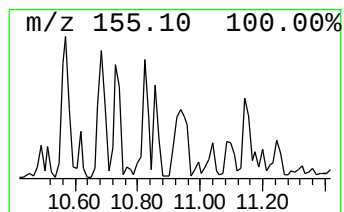
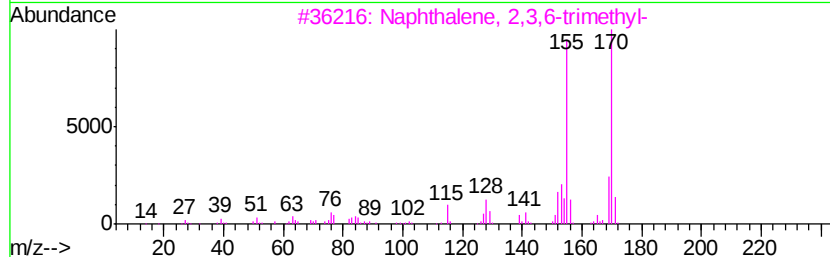
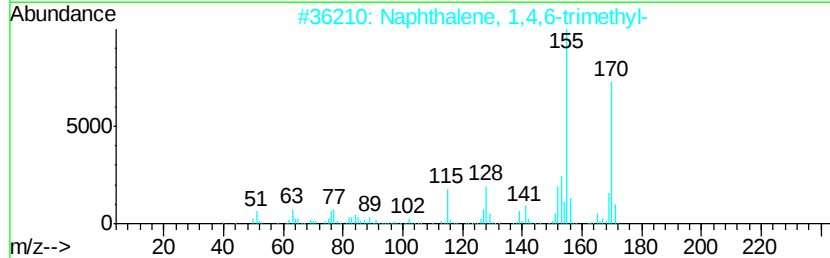
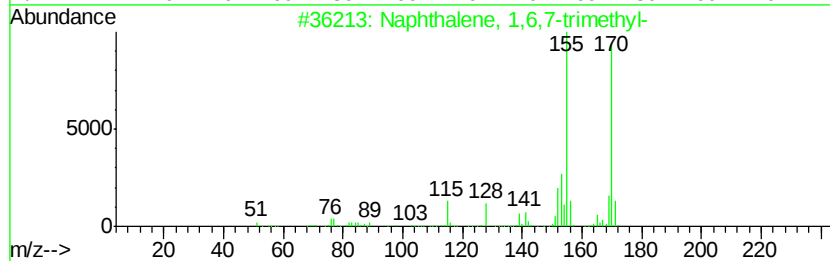
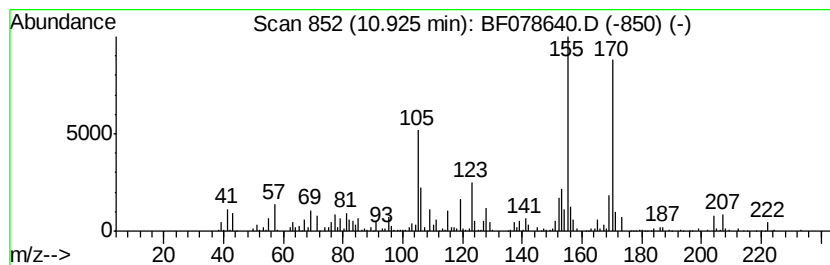
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Azulene, 4,6,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	27.23 ng	1047940	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
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ClientSampleId :
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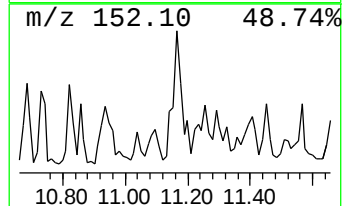
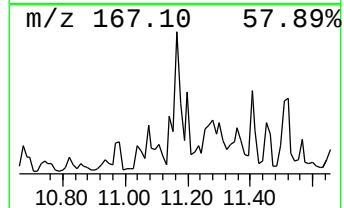
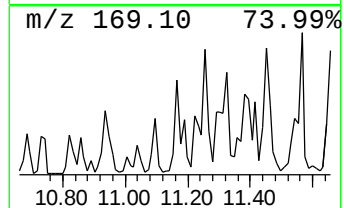
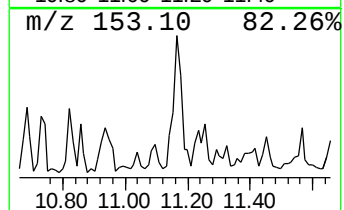
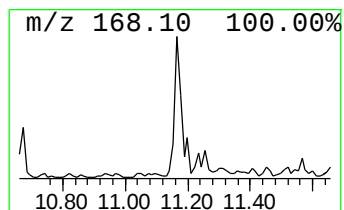
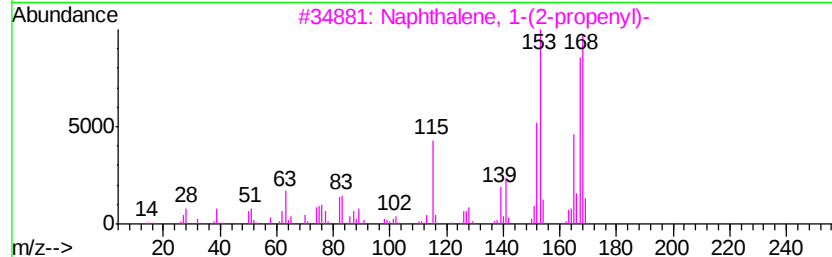
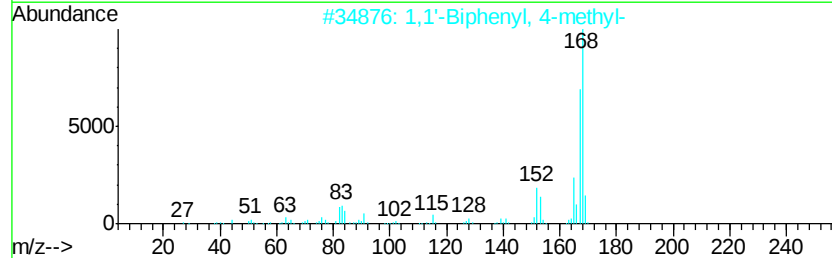
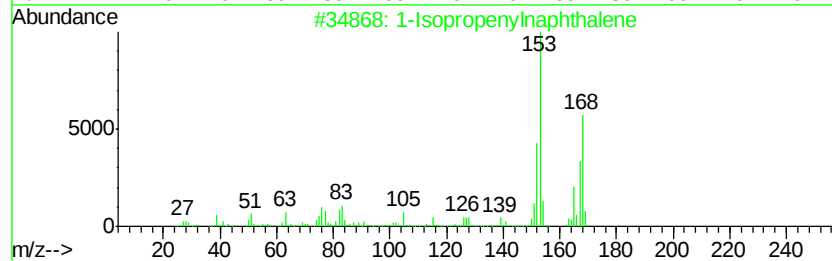
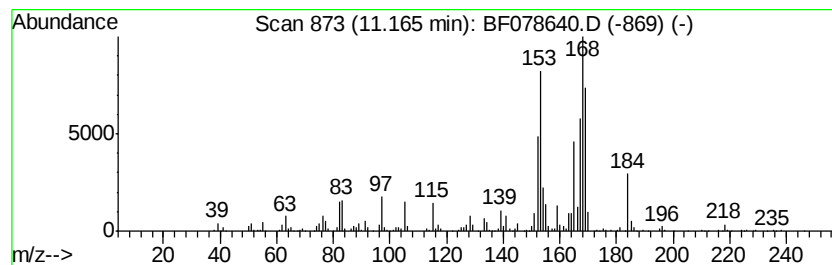
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	37.74 ng	1452330	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
Misc :
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ClientSampleId :
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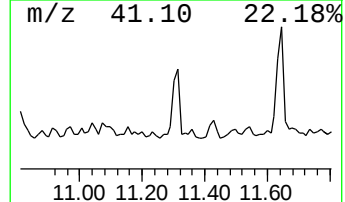
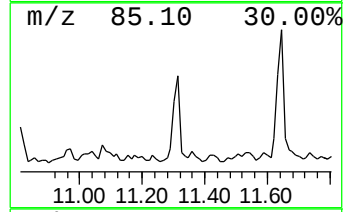
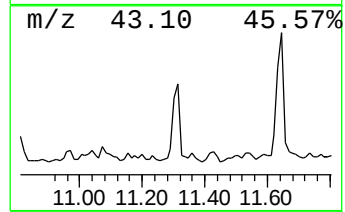
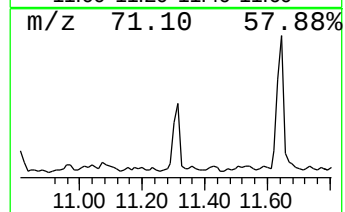
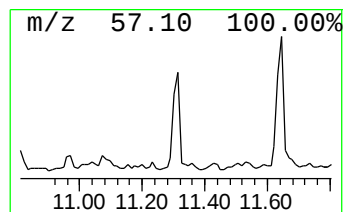
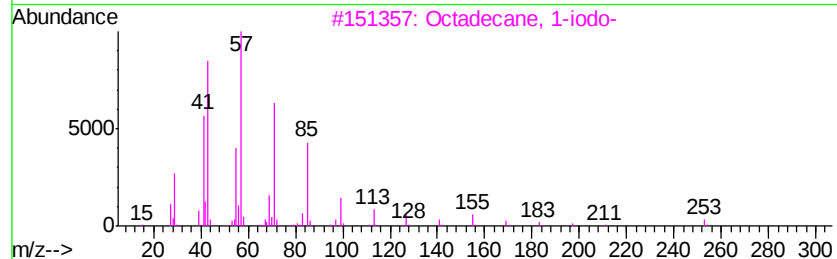
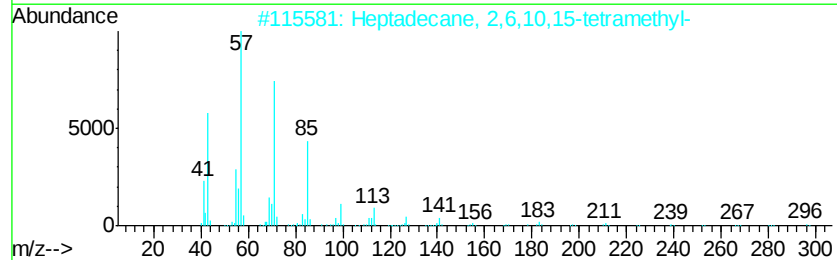
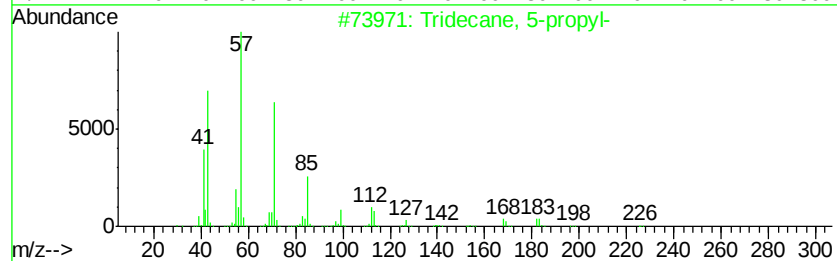
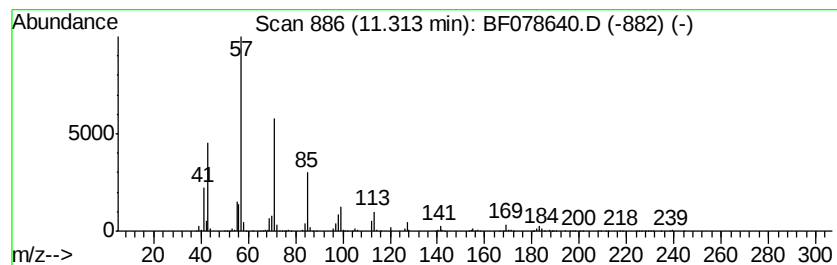
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	56.07 ng	2157300	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
Misc :
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ClientSampleId :
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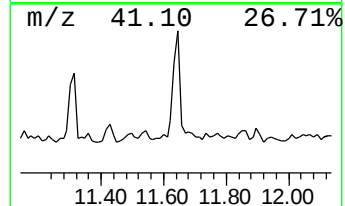
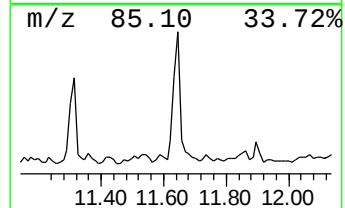
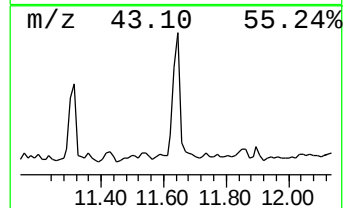
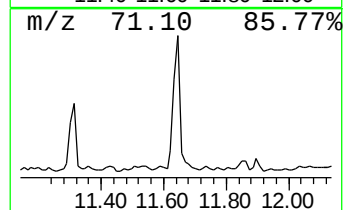
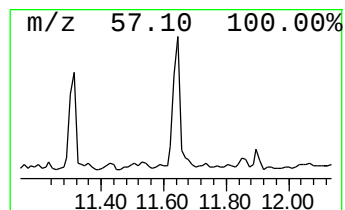
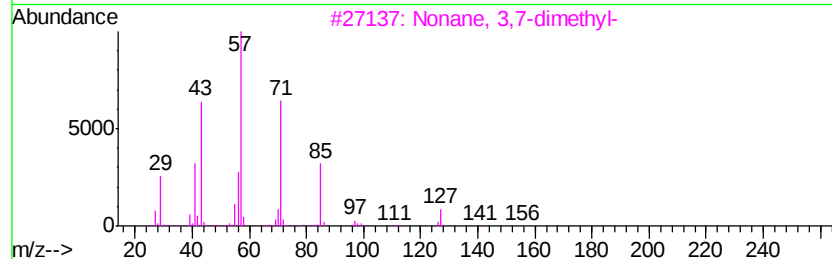
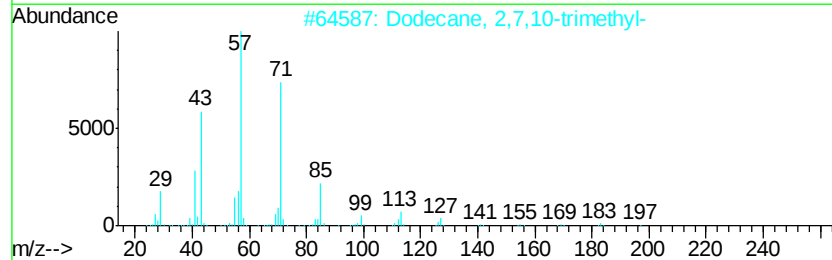
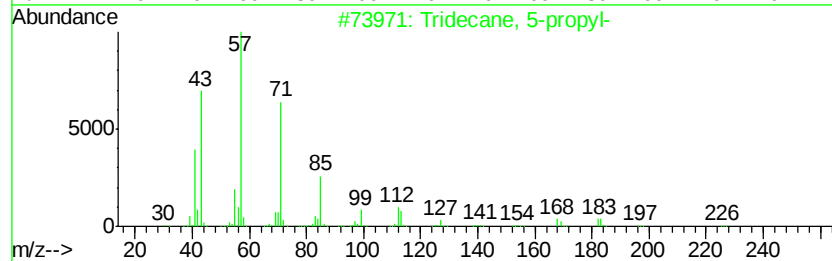
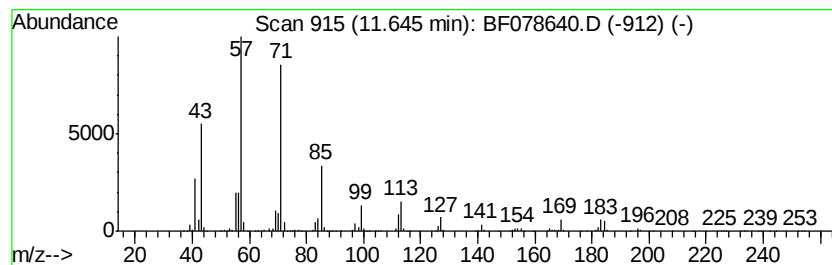
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	109.63 ng	3308190	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
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Misc :
ALS Vial : 37 Sample Multiplier: 1

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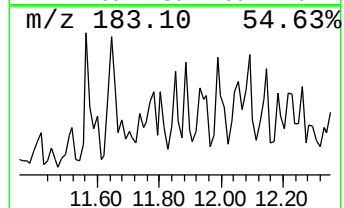
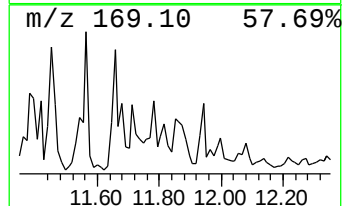
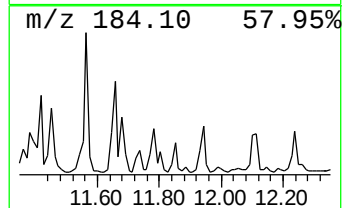
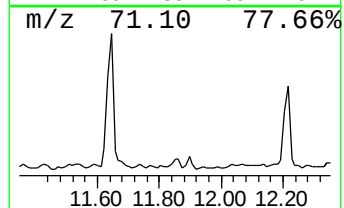
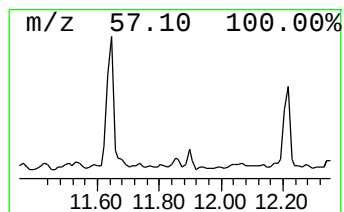
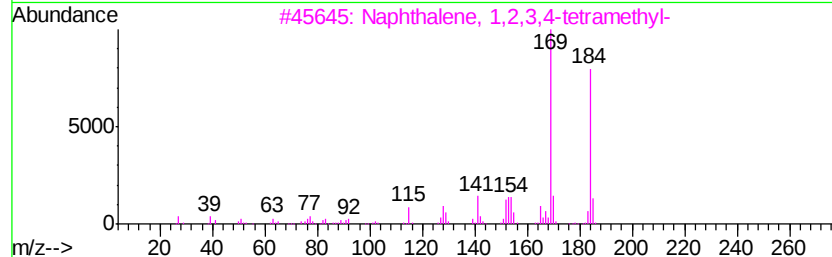
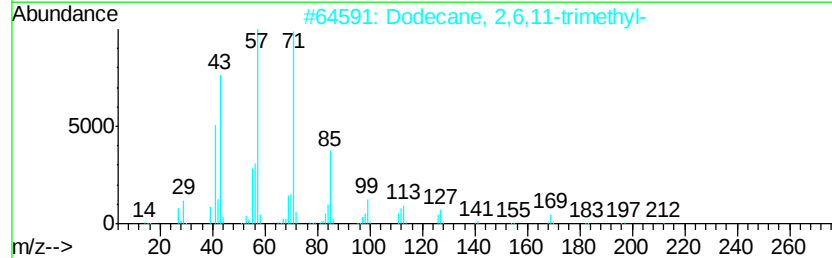
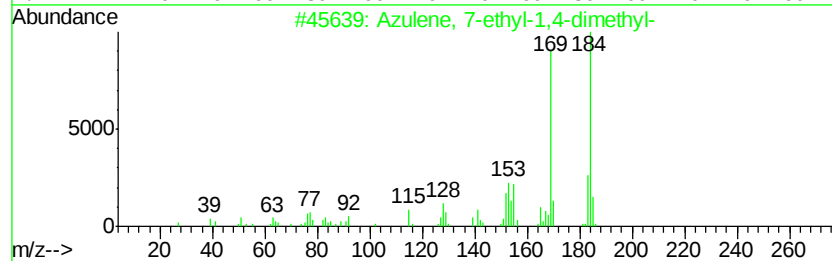
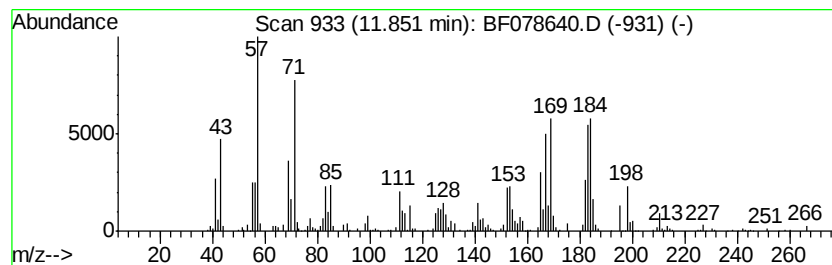
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown11.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	24.35 ng	734750	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	38
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	25
4		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	20
5		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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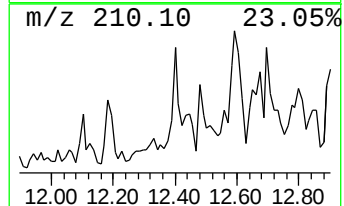
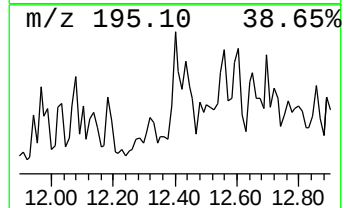
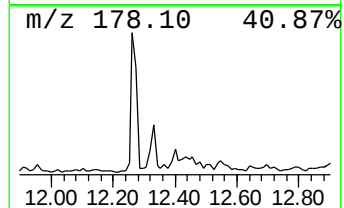
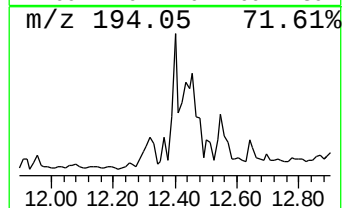
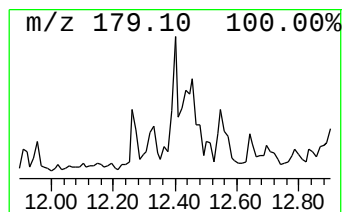
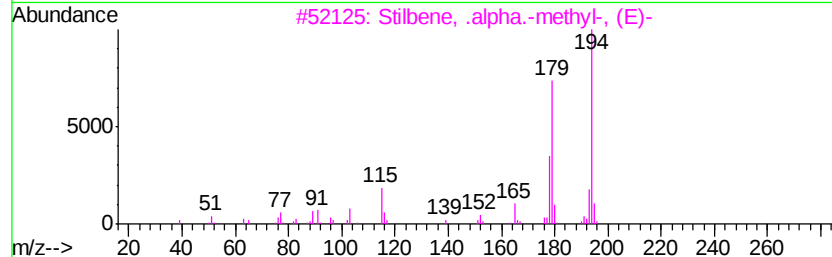
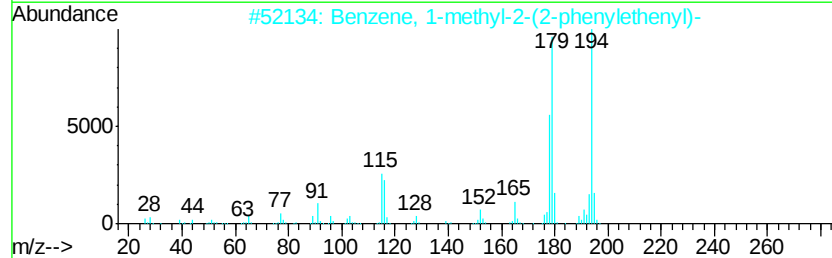
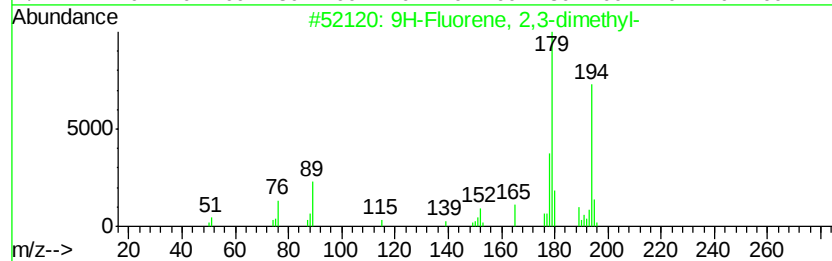
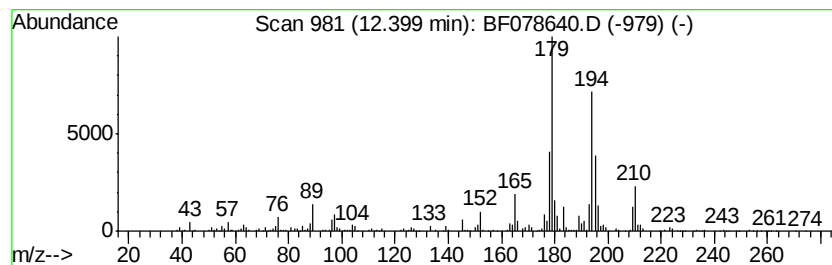
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9H-Fluorene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	26.52 ng	800111	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	83
2		Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	64
3		Stilbene, .alpha.-methyl-, (E)-	194	C15H14	000833-81-8	62
4		.alpha.-Methylstilbene	194	C15H14	000779-51-1	52
5		Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
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ClientSampleId :
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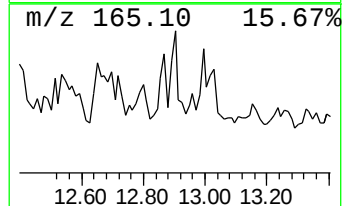
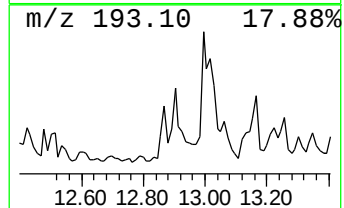
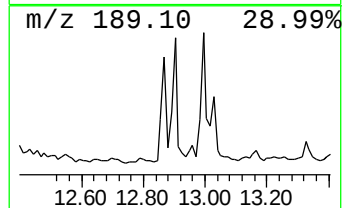
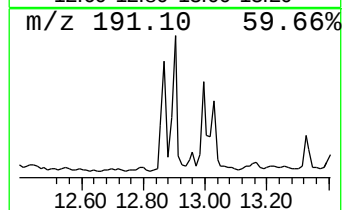
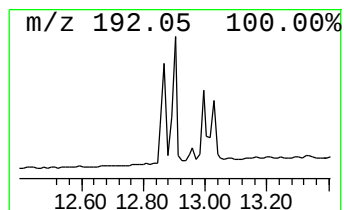
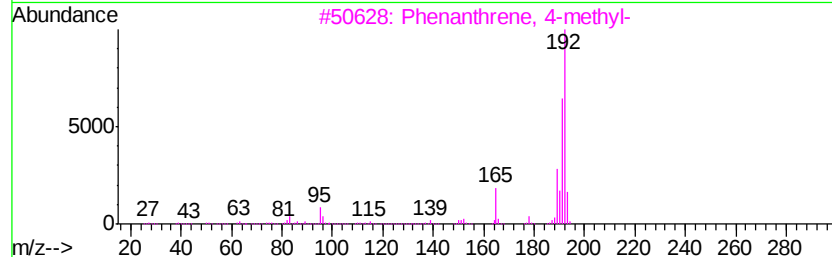
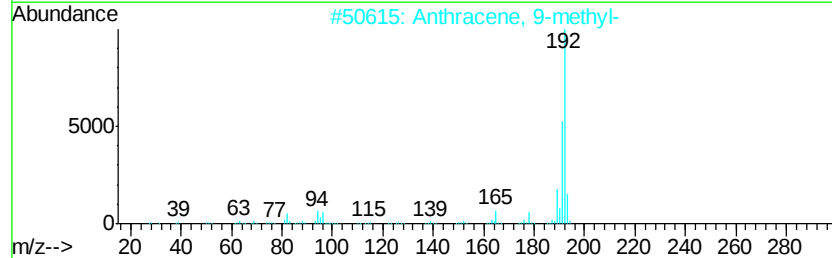
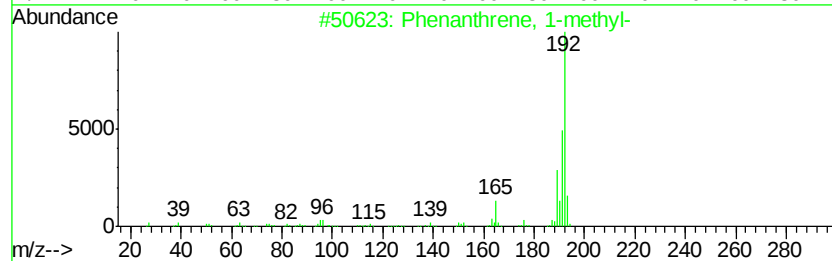
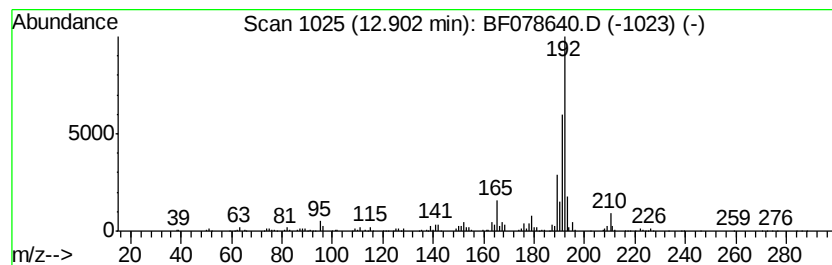
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	24.23 ng	731083	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078640.D
Acq On : 18 Apr 2015 12:50
Operator : TP/IZ
Sample : G1854-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB11A

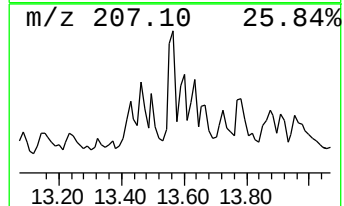
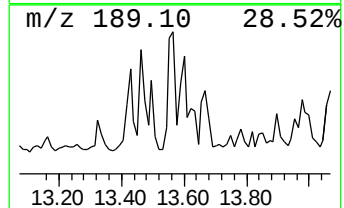
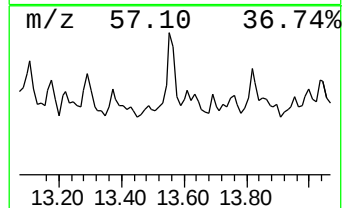
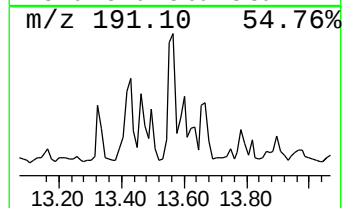
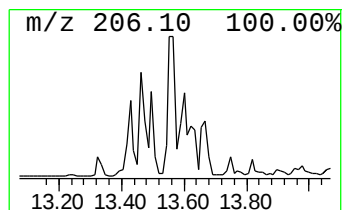
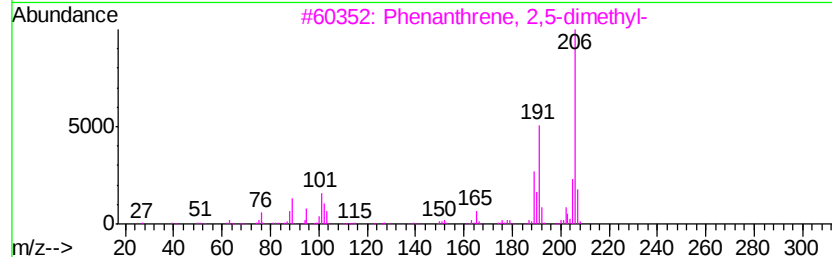
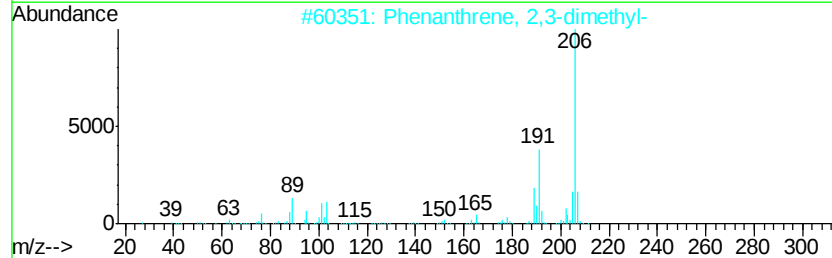
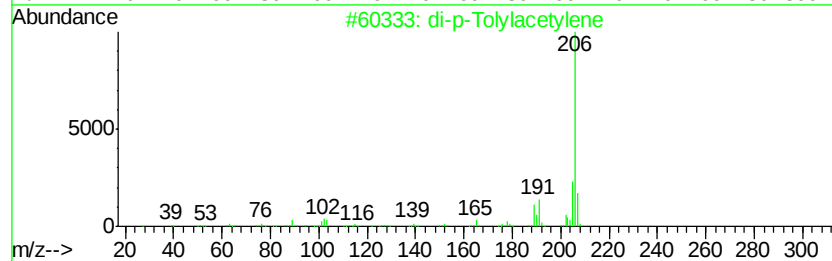
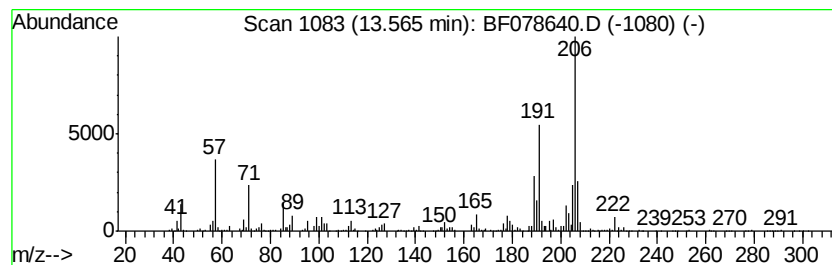
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	25.09 ng	757219	Phenanthrene-d10	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078640.D
 Acq On : 18 Apr 2015 12:50
 Operator : TP/IZ
 Sample : G1854-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
unknown6.39	6.39	40.3	ng	644386	1	6.67	319543	20.0
unknown9.77	9.77	31.6	ng	1216940	3	10.41	769558	20.0
unknown9.82	9.82	27.8	ng	1071270	3	10.41	769558	20.0
Naphthalene, 2,7-...	9.92	24.6	ng	945337	3	10.41	769558	20.0
Naphthalene, 1,7-...	10.01	30.0	ng	1153590	3	10.41	769558	20.0
Decahydro-4,4,8,9...	10.06	32.0	ng	1232070	3	10.41	769558	20.0
unknown10.31	10.31	36.1	ng	1390780	3	10.41	769558	20.0
Naphthalene, 1,4,...	10.57	24.5	ng	943867	3	10.41	769558	20.0
Naphthalene, 2,3,...	10.74	30.0	ng	1154000	3	10.41	769558	20.0
Naphthalene, 1,6,...	10.82	33.8	ng	1302280	3	10.41	769558	20.0
Azulene, 4,6,8-tr...	10.92	27.2	ng	1047940	3	10.41	769558	20.0
unknown11.16	11.16	37.7	ng	1452330	3	10.41	769558	20.0
Tridecane, 5-propyl-	11.31	56.1	ng	2157300	3	10.41	769558	20.0
Dodecane, 2,7,10-...	11.64	109.6	ng	3308190	4	12.24	603499	20.0
unknown11.85	11.85	24.4	ng	734750	4	12.24	603499	20.0
9H-Fluorene, 2,3-...	12.40	26.5	ng	800111	4	12.24	603499	20.0
Phenanthrene, 1-m...	12.90	24.2	ng	731083	4	12.24	603499	20.0
di-p-Tolylacetylene	13.57	25.1	ng	757219	4	12.24	603499	20.0