

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082033.D
 Acq On : 3 Oct 2015 20:56
 Operator : UM/IZ
 Sample : G3867-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

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	4.994	244	250	253	rBV3	56425	143524	2.09%	0.077%
2	5.063	253	256	259	rBV	812181	1164401	16.95%	0.627%
3	5.474	289	292	295	rBV	1582319	1920970	27.96%	1.034%
4	5.726	311	314	317	rVB3	84226	166114	2.42%	0.089%
5	5.886	324	328	330	rBV3	174328	304264	4.43%	0.164%
6	5.943	330	333	334	rBV	111736	189901	2.76%	0.102%
7	6.023	337	340	343	rVB2	242557	389472	5.67%	0.210%
8	6.069	343	344	346	rBV	104212	148814	2.17%	0.080%
9	6.126	346	349	352	rBV3	545843	809188	11.78%	0.436%
10	6.171	352	353	355	rVB	210389	252803	3.68%	0.136%
11	6.309	363	365	367	rBV	306576	523060	7.61%	0.282%
12	6.377	370	371	372	rVB	332435	228050	3.32%	0.123%
13	6.411	372	374	378	rBV2	359553	667976	9.72%	0.360%
14	6.514	380	383	385	rBV	1896923	2222063	32.34%	1.197%
15	6.549	385	386	388	rVB2	205845	155883	2.27%	0.084%
16	6.652	390	395	399	rVB2	2171120	3226189	46.95%	1.737%
17	6.743	399	403	404	rBV3	285028	555117	8.08%	0.299%
18	6.846	404	412	413	rBV5	519332	1524049	22.18%	0.821%
19	6.892	413	416	418	rVB3	854703	1695053	24.67%	0.913%
20	6.949	418	421	422	rVB	408777	558868	8.13%	0.301%
21	7.006	422	426	427	rBV3	466714	1044527	15.20%	0.562%
22	7.040	427	429	434	rVB3	1742043	3078514	44.81%	1.658%
23	7.154	434	439	441	rVB5	723950	1971422	28.69%	1.062%
24	7.212	441	444	445	rBV2	438842	611208	8.90%	0.329%
25	7.280	448	450	452	rBV3	620595	851418	12.39%	0.458%
26	7.360	456	457	459	rBV2	186261	315880	4.60%	0.170%
27	7.429	459	463	464	rBV	2360532	3160085	45.99%	1.702%
28	7.463	464	466	470	rVB3	1726967	2728566	39.71%	1.469%
29	7.532	470	472	474	rVB2	1317927	2158660	31.42%	1.162%
30	7.600	474	478	480	rBV2	945143	2527119	36.78%	1.361%
31	7.669	480	484	485	rBV2	1539895	2483470	36.15%	1.337%
32	7.703	485	487	488	rVB	916978	1073815	15.63%	0.578%
33	7.794	492	495	496	rBV3	1121323	2409269	35.07%	1.297%
34	7.817	496	497	499	rVB2	903535	883237	12.85%	0.476%

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35	7.920	504	506	511	rVB3	2084733	3310534	48.18%	1.783%
36	8.000	511	513	515	rBV	1151588	1605130	23.36%	0.864%
37	8.046	515	517	519	rBV2	1130559	1633254	23.77%	0.879%
38	8.172	522	528	529	rBV3	2132141	5289464	76.98%	2.848%
39	8.229	532	533	541	rVB4	2075507	6152296	89.54%	3.313%
40	8.343	541	543	544	rBV	717782	1260077	18.34%	0.679%
41	8.377	544	546	548	rVB3	1344521	2104895	30.64%	1.133%
42	8.469	548	554	556	rBV6	1709005	4553312	66.27%	2.452%
43	8.537	556	560	561	rBV4	339105	786541	11.45%	0.424%
44	8.572	561	563	564	rVB	1631596	1635608	23.81%	0.881%
45	8.617	564	567	569	rBV2	2690681	4532385	65.97%	2.441%
46	8.652	569	570	572	rVB2	994839	692426	10.08%	0.373%
47	8.697	572	574	575	rBV	2095045	2414577	35.14%	1.300%
48	8.732	575	577	580	rVV4	346913	800469	11.65%	0.431%
49	8.915	591	593	594	rVB	2533018	2899423	42.20%	1.561%
50	8.937	594	595	597	rBV	395441	566260	8.24%	0.305%
51	9.017	597	602	606	rVV4	2604509	6755085	98.32%	3.637%
52	9.097	608	609	611	rVB2	1147586	1236560	18.00%	0.666%
53	9.223	617	620	622	rBV2	2507004	3711611	54.02%	1.999%
54	9.269	622	624	625	rVB	1095378	833231	12.13%	0.449%
55	9.349	629	631	634	rBV2	995390	2052901	29.88%	1.105%
56	9.429	634	638	640	rBV3	1217005	3139326	45.69%	1.690%
57	9.475	640	642	644	rVB	1729160	2146645	31.24%	1.156%
58	9.555	645	649	650	rBV	2536353	4574228	66.57%	2.463%
59	9.623	650	655	657	rBV2	2613416	6870827	100.00%	3.700%
60	9.738	663	665	671	rVB5	1763823	3195303	46.51%	1.721%
61	9.818	671	672	674	rVB2	1149738	1428247	20.79%	0.769%
62	9.863	674	676	678	rVB3	818276	950292	13.83%	0.512%
63	9.943	680	683	685	rBV4	1206351	2351985	34.23%	1.266%
64	10.000	685	688	689	rBV3	925381	1601071	23.30%	0.862%
65	10.069	692	694	696	rVB	2285732	3396164	49.43%	1.829%
66	10.115	696	698	699	rBV2	812136	1185518	17.25%	0.638%
67	10.172	699	703	704	rBV2	2128007	3572911	52.00%	1.924%
68	10.218	704	707	710	rVB2	2320768	3858157	56.15%	2.078%
69	10.286	710	713	714	rBV	2027355	2630475	38.28%	1.416%
70	10.309	714	715	718	rVB3	1188685	1914080	27.86%	1.031%
71	10.378	718	721	724	rBV2	1438501	2880605	41.93%	1.551%

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72	10.458	726	728	730	rVB2	940109	1542377	22.45%	0.831%
73	10.503	730	732	733	rBV2	1240493	1983875	28.87%	1.068%
74	10.618	740	742	744	rVB2	2151480	3198565	46.55%	1.722%
75	10.663	744	746	749	rVB3	1131377	1995897	29.05%	1.075%
76	10.892	763	766	769	rVB2	3036918	5128607	74.64%	2.762%
77	10.949	769	771	774	rBV3	913482	2036221	29.64%	1.096%
78	11.098	782	784	790	rVB4	1908281	4021776	58.53%	2.166%
79	11.349	804	806	809	rVB	2528378	3946306	57.44%	2.125%
80	11.486	816	818	819	rVB	804095	926302	13.48%	0.499%
81	11.578	823	826	828	rBV4	729429	1772356	25.80%	0.954%
82	11.692	834	836	841	rVB4	1232348	2483786	36.15%	1.337%
83	11.783	842	844	850	rVB4	954800	2541548	36.99%	1.369%
84	11.966	857	860	861	rBV	812980	1342133	19.53%	0.723%
85	12.069	867	869	870	rVB2	864531	805699	11.73%	0.434%
86	12.435	899	901	905	rVB3	922698	1588045	23.11%	0.855%
87	12.515	905	908	909	rBV	802952	921080	13.41%	0.496%
88	12.675	920	922	924	rVB	380421	406828	5.92%	0.219%
89	12.824	933	935	936	rVB2	230122	235012	3.42%	0.127%
90	12.949	945	946	948	rVB	415509	359028	5.23%	0.193%
91	13.041	952	954	957	rVB	1569227	2311455	33.64%	1.245%
92	13.921	1028	1031	1039	rVB	152323	310202	4.51%	0.167%
93	14.069	1041	1044	1055	rVB2	486276	1008606	14.68%	0.543%
94	15.532	1169	1172	1179	rVB	369887	562767	8.19%	0.303%
95	17.144	1309	1313	1318	rBV	300740	631074	9.18%	0.340%
96	17.418	1333	1337	1340	rVV2	91490	261308	3.80%	0.141%
97	17.475	1340	1342	1346	rVV	71669	154452	2.25%	0.083%
98	17.578	1346	1351	1353	rVV3	64963	196153	2.85%	0.106%
99	17.635	1353	1356	1366	rVB2	60003	186114	2.71%	0.100%
100	18.367	1413	1420	1432	rVB5	40878	188246	2.74%	0.101%

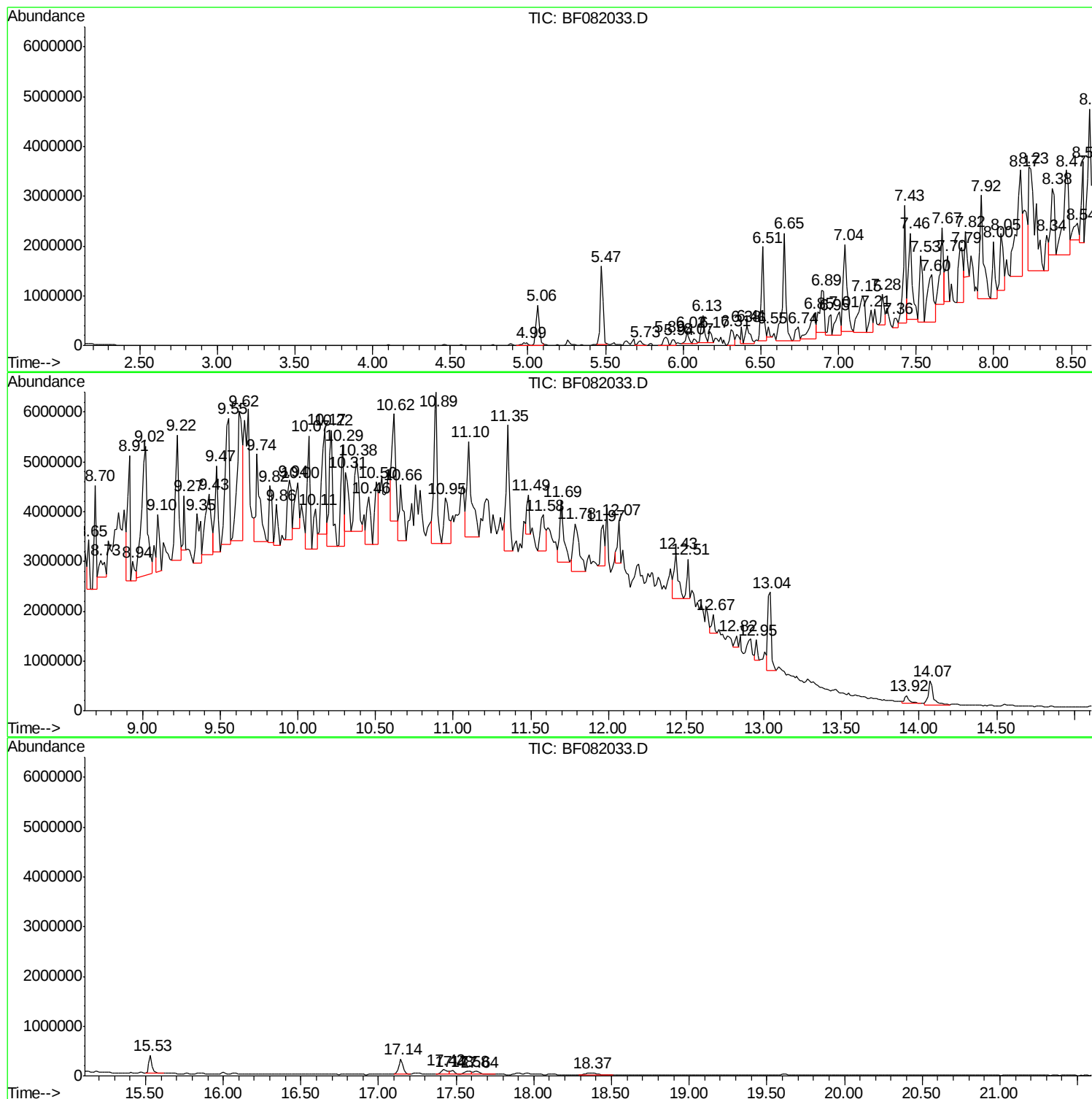
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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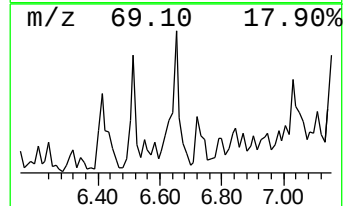
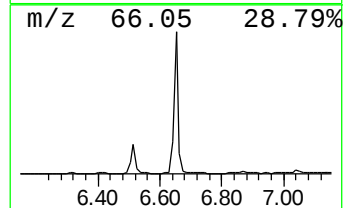
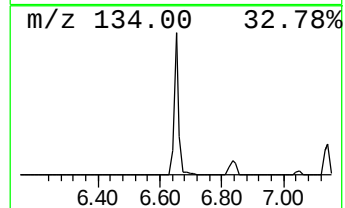
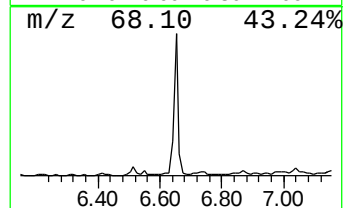
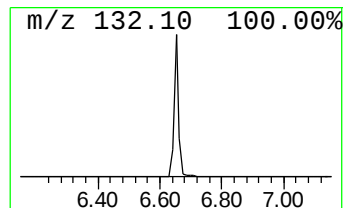
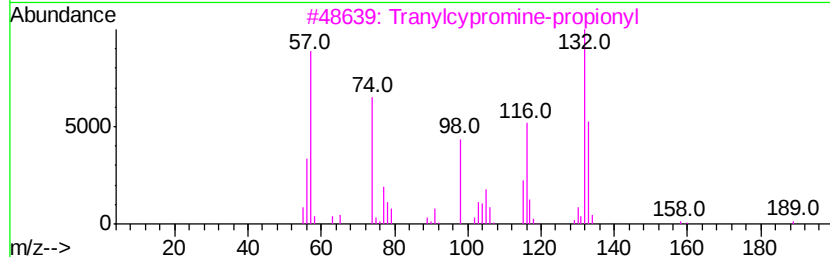
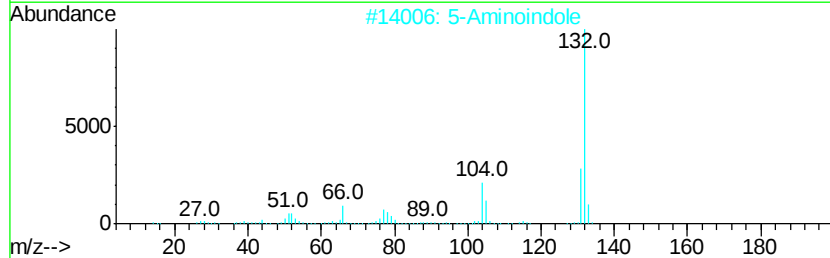
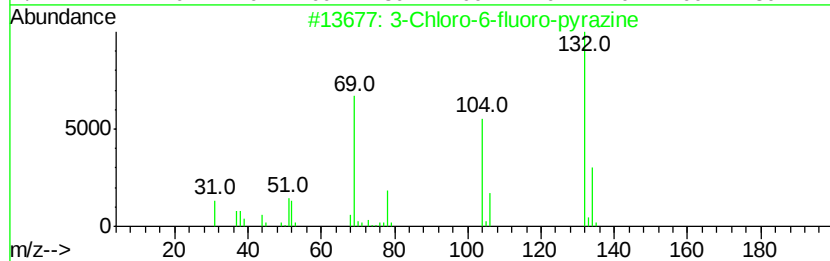
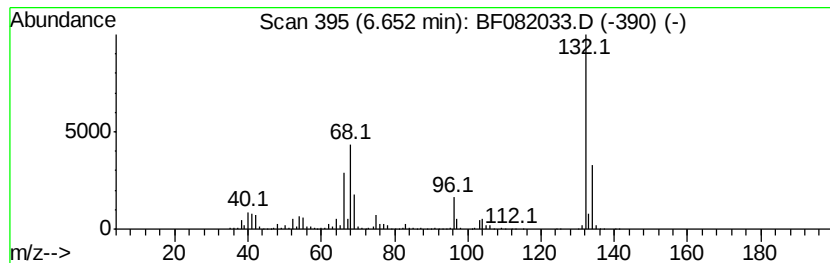
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	38.07 ng	3226190	1,4-Dichlorobenzene-d4	6.89

Hit#	of	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	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9	
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9	



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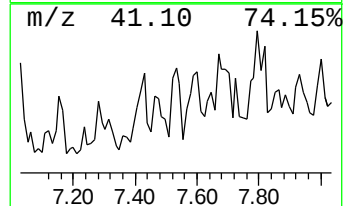
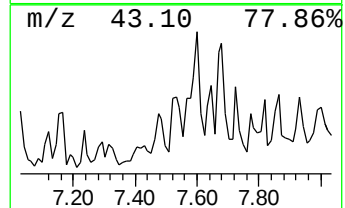
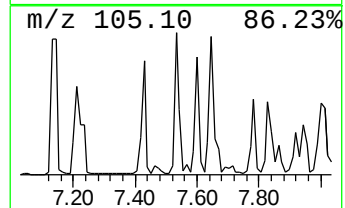
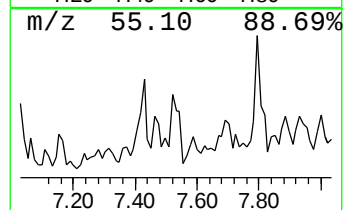
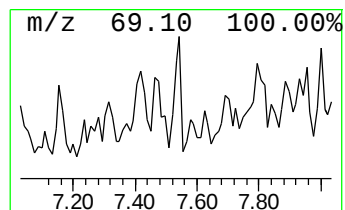
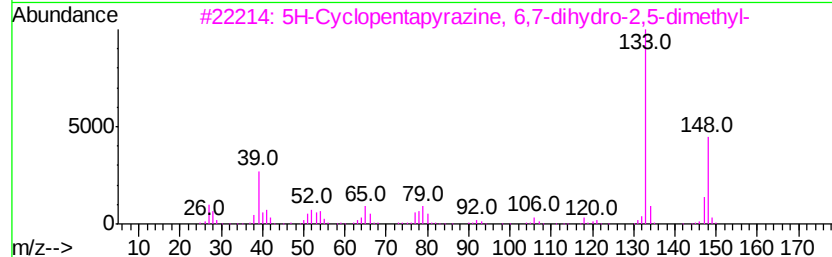
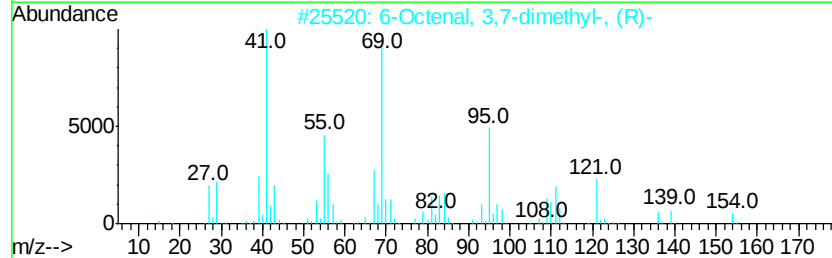
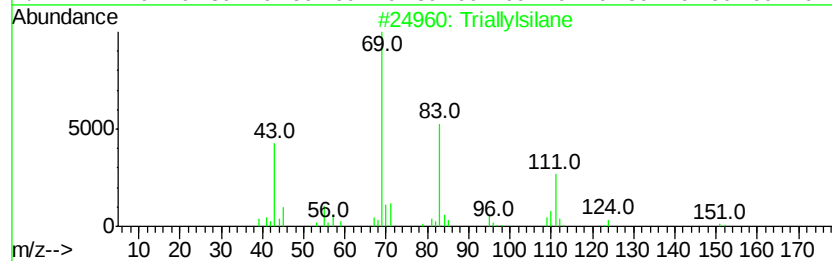
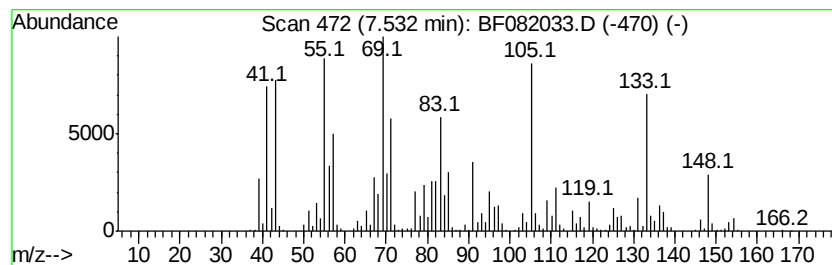
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	25.47 ng	2158660	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triallylsilane	152	C9H16Si	001116-62-7	43
2		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	30
3		5H-Cyclopentapyrazine, 6,7-dihydro...	148	C9H12N2	038917-61-2	25
4		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	25
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25



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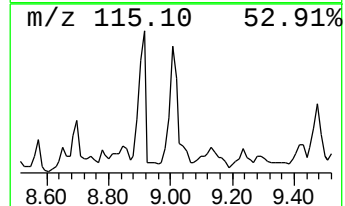
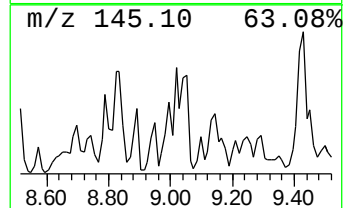
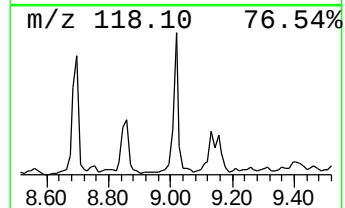
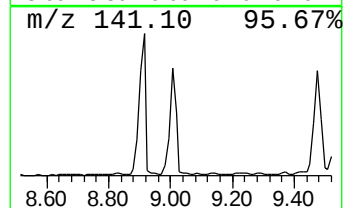
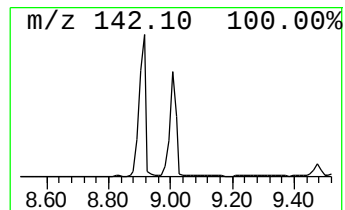
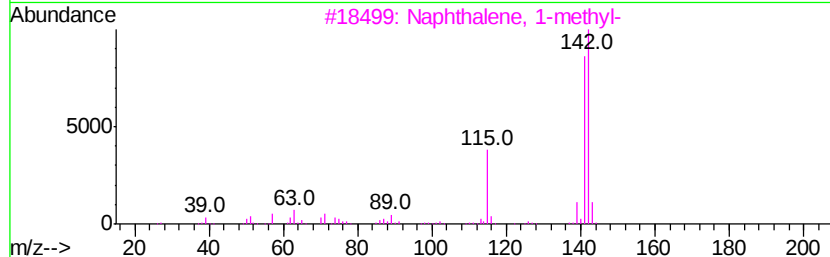
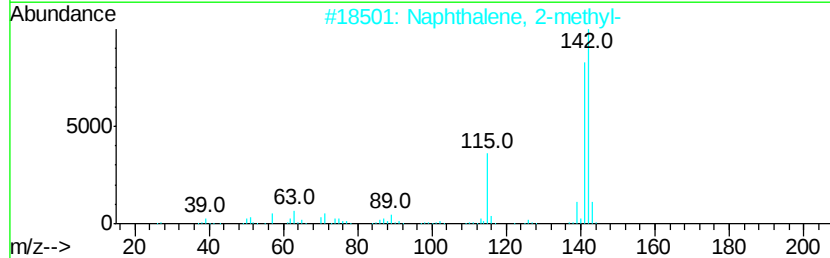
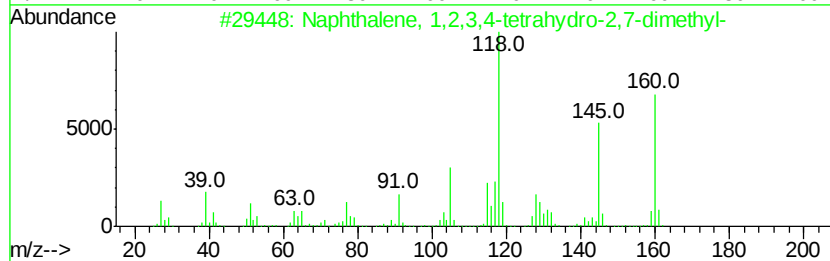
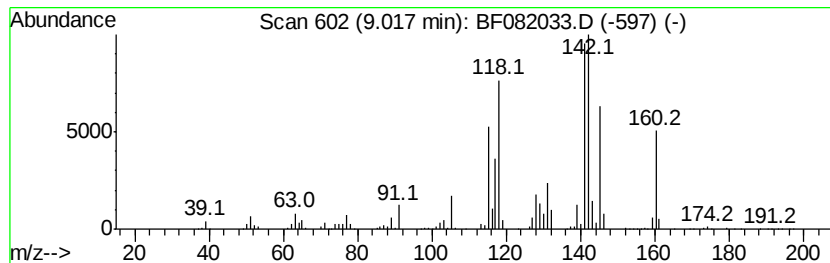
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Peak Number 4 unknown9.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	25.54 ng	6755090	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	46
4			Benzocycloheptatriene	142	C11H10	000264-09-5	45
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

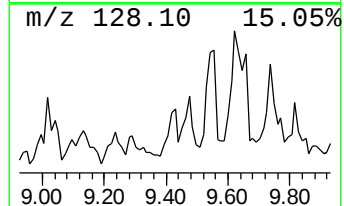
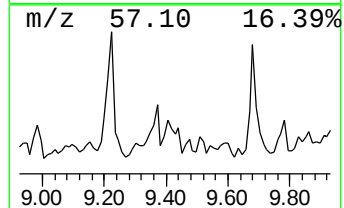
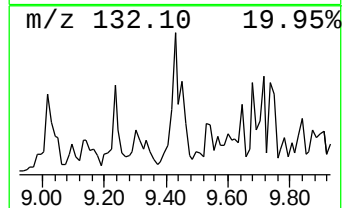
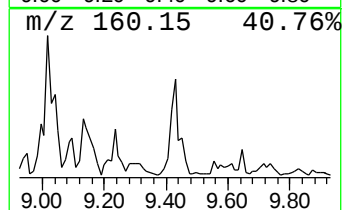
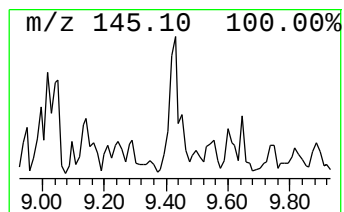
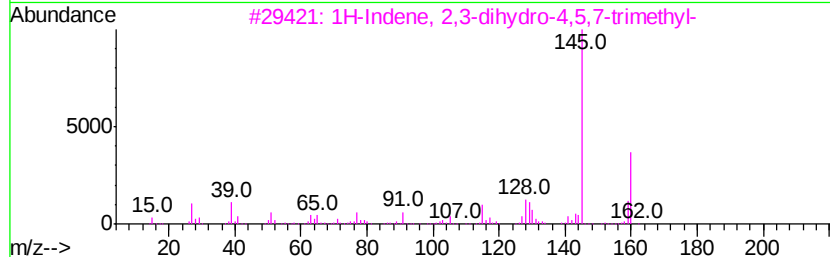
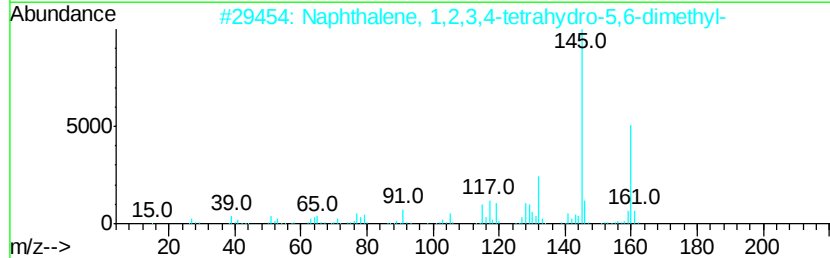
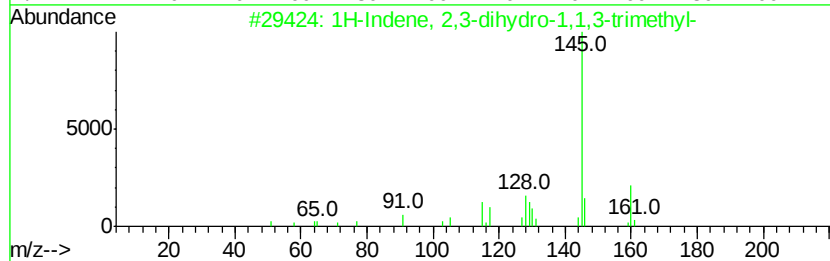
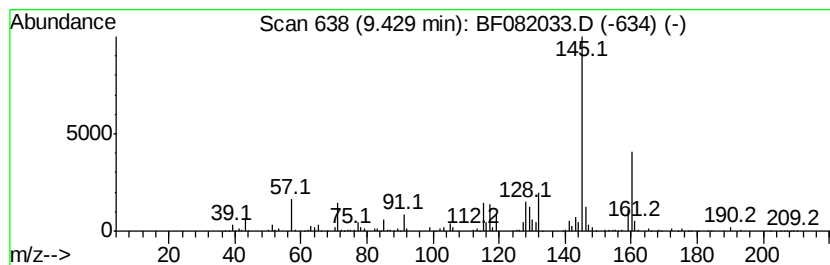
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	26.70 ng	3139330	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
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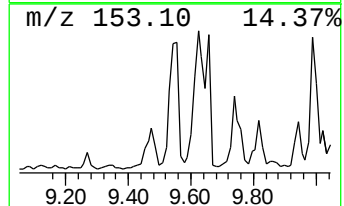
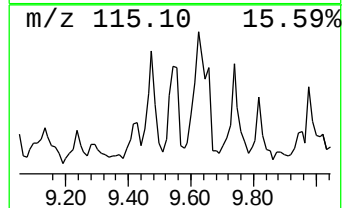
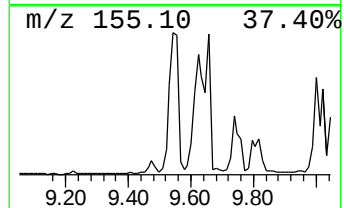
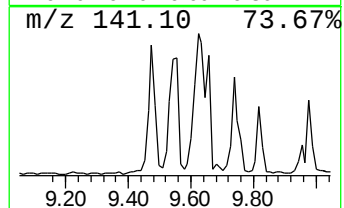
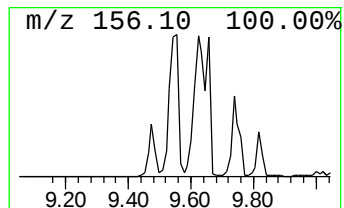
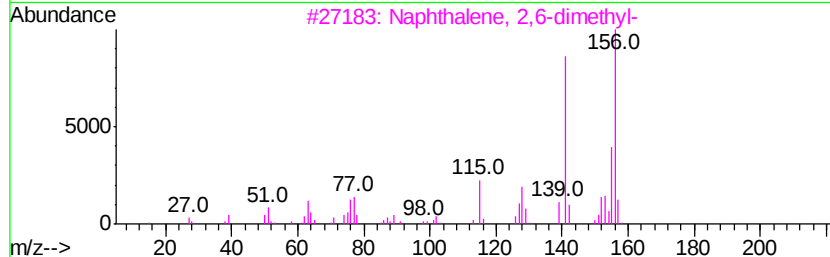
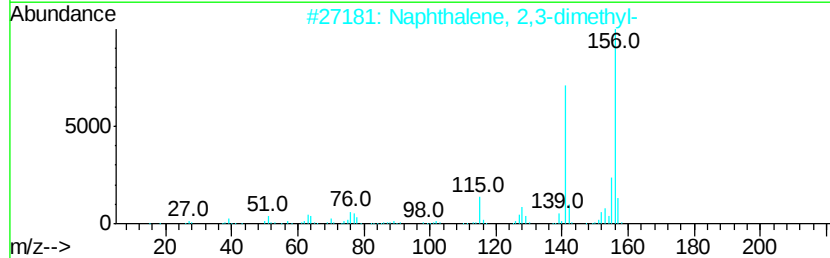
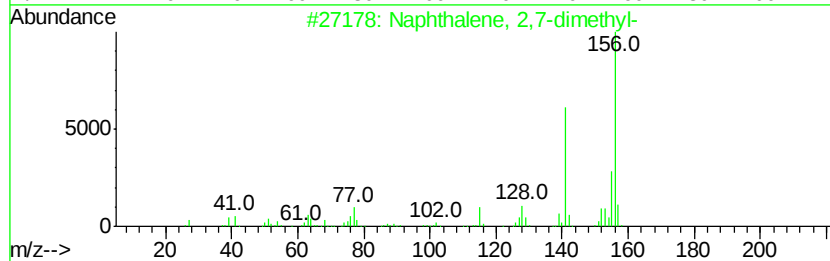
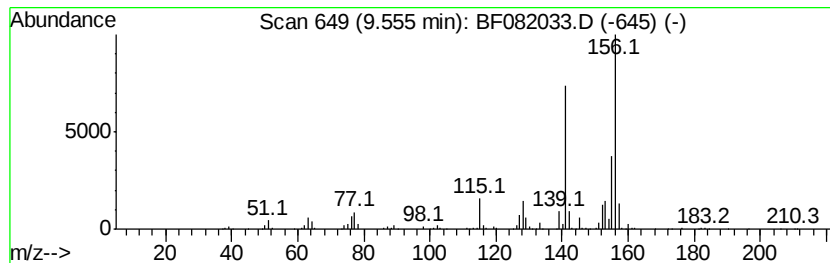
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ClientSampleId :
SB-07-6.0-7.0-092915

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.55	38.90 ng	4574230	Acenaphthene-d10	9.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

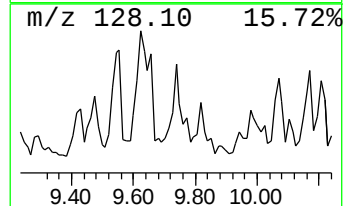
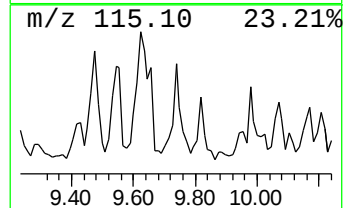
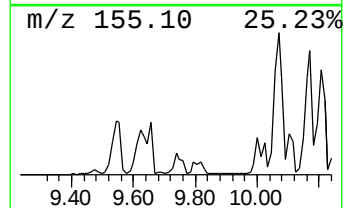
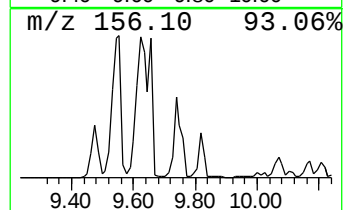
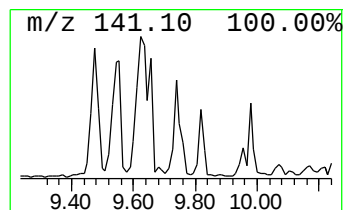
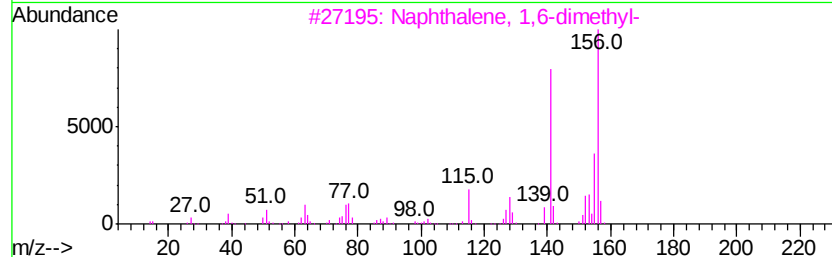
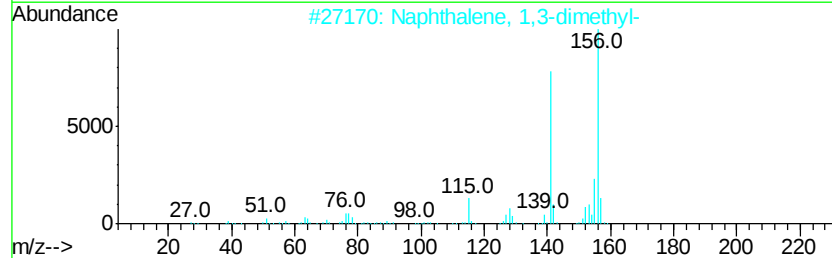
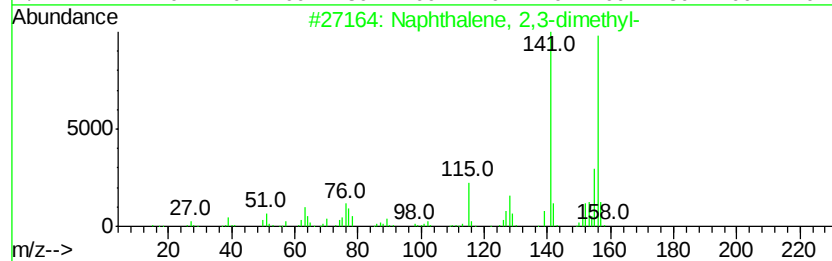
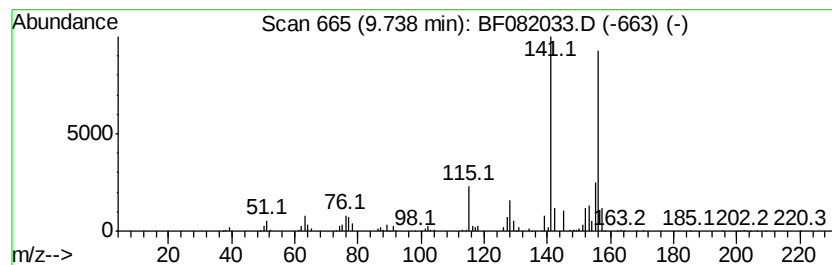
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	27.17 ng	3195300	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

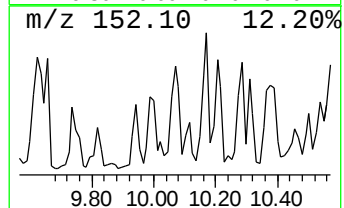
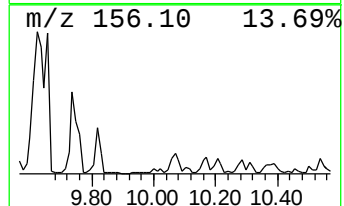
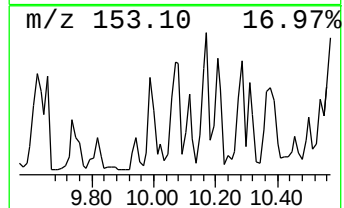
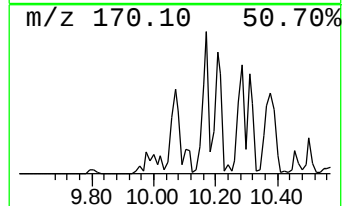
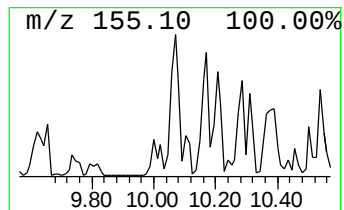
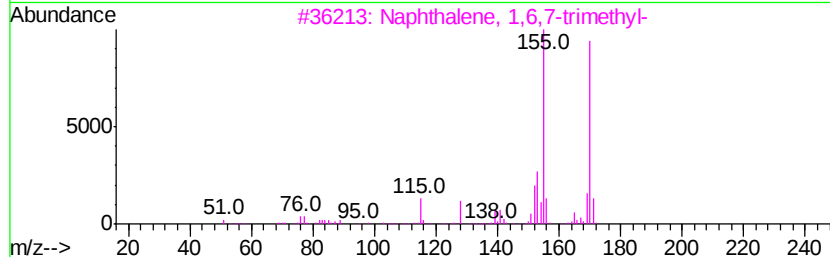
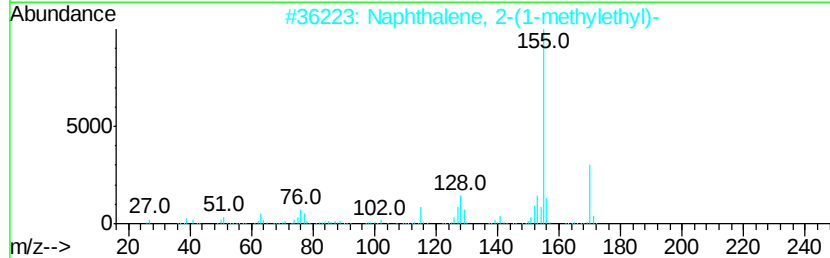
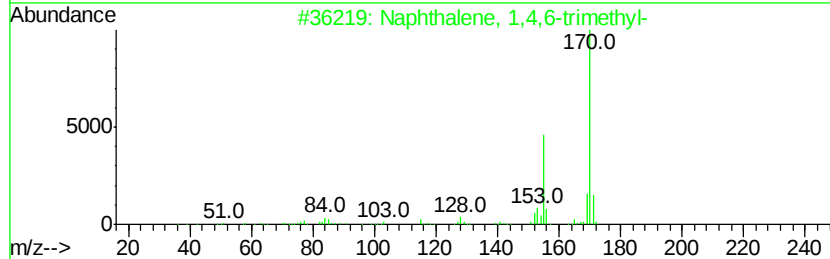
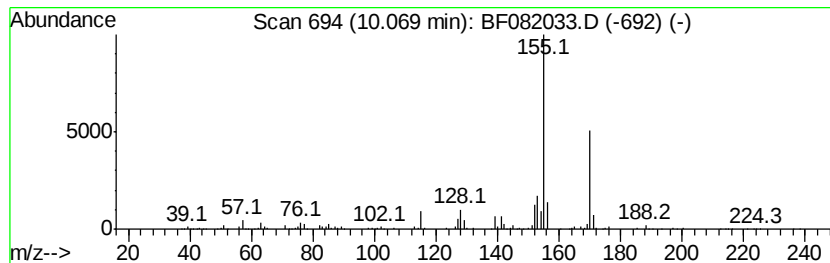
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	28.88 ng	3396160	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07-6.0-7.0-092915

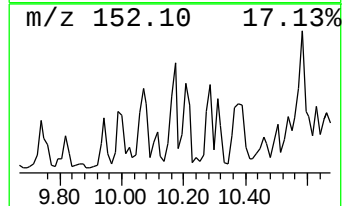
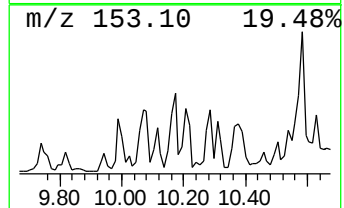
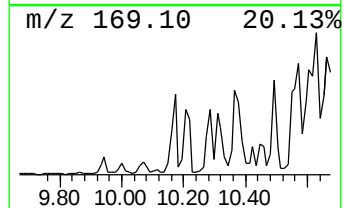
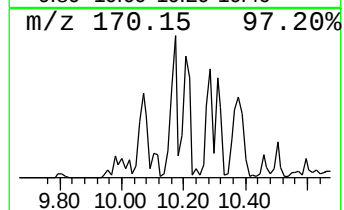
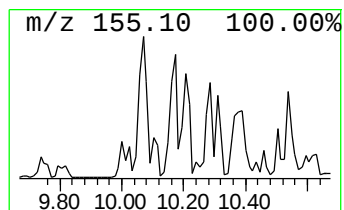
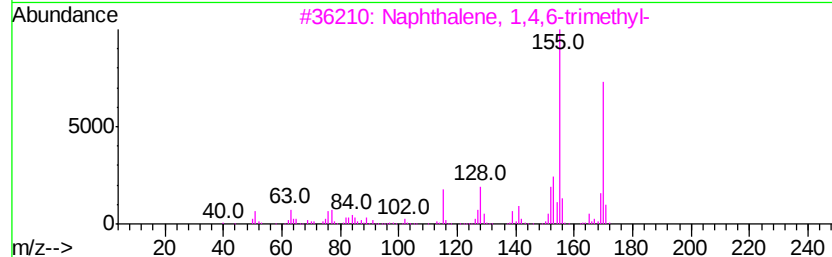
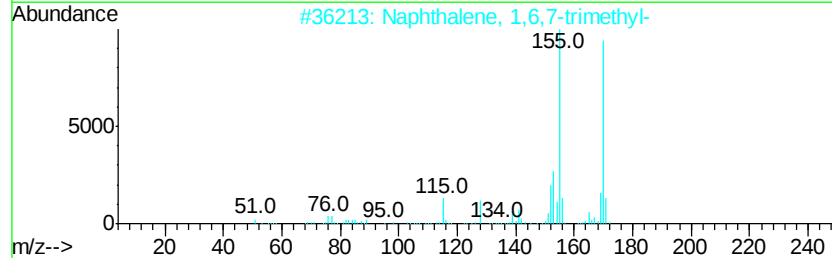
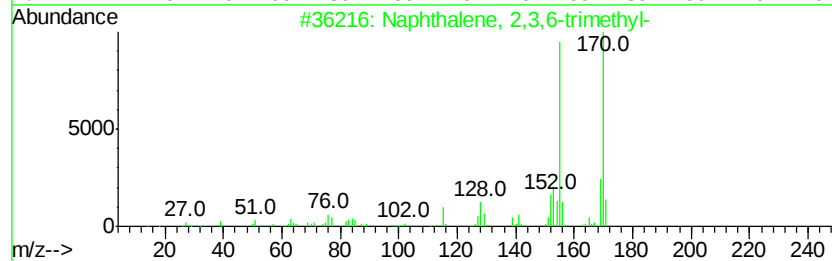
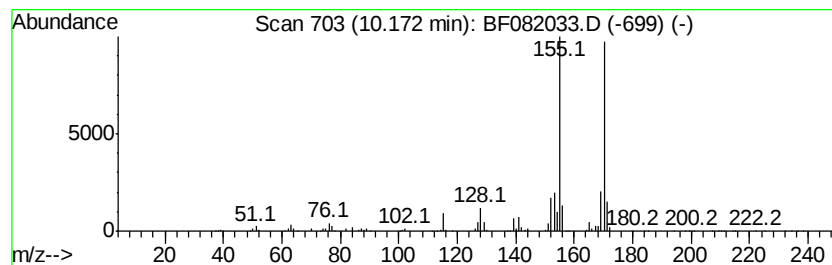
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	30.38 ng	3572910	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
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 : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
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Instrument :
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ClientSampleId :
SB-07-6.0-7.0-092915

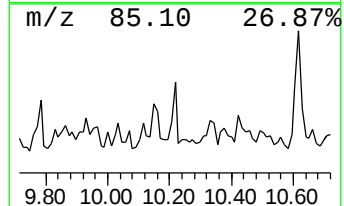
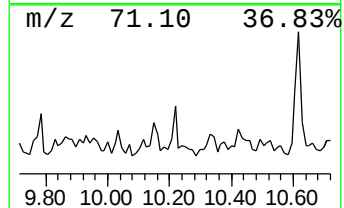
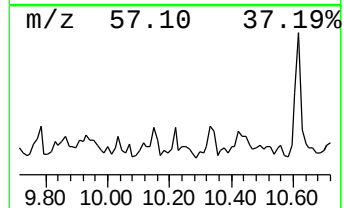
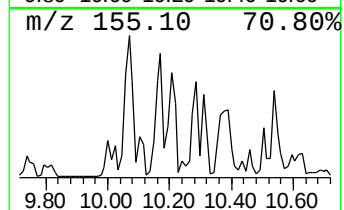
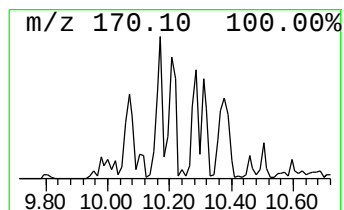
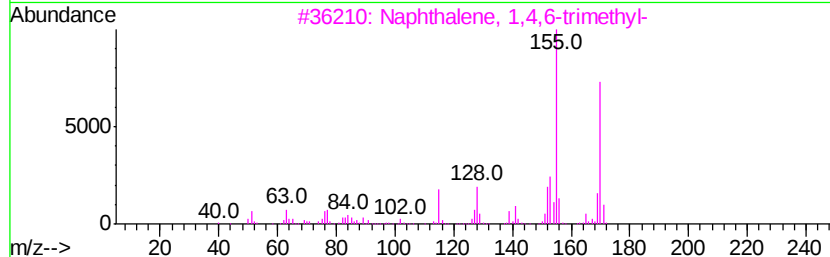
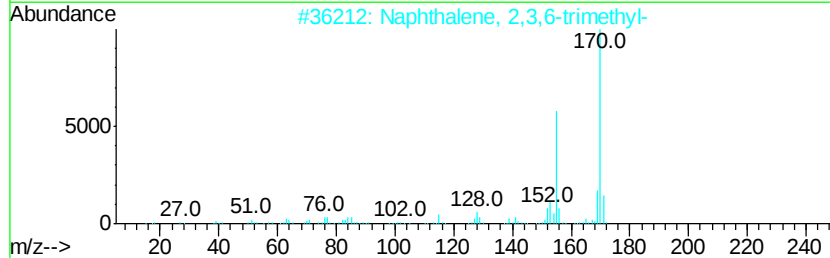
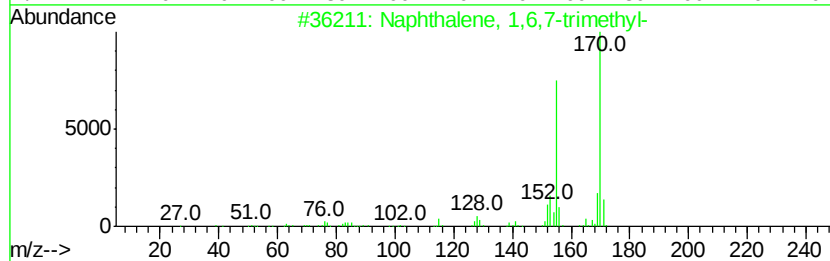
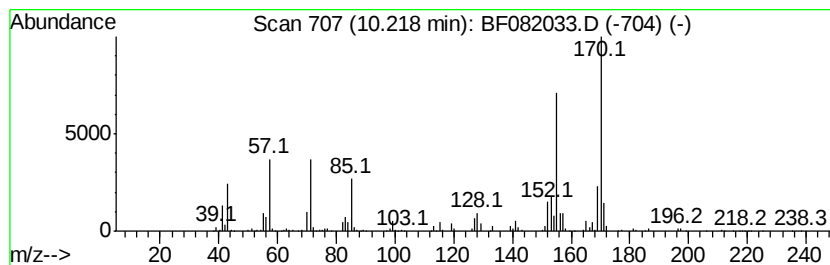
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	32.81 ng	3858160	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Acq On : 3 Oct 2015 20:56
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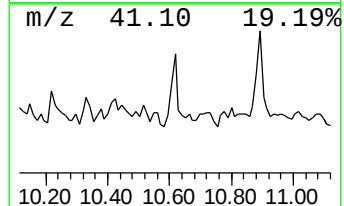
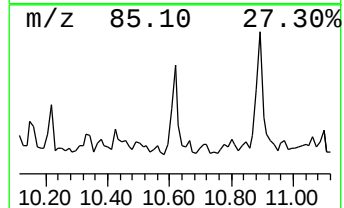
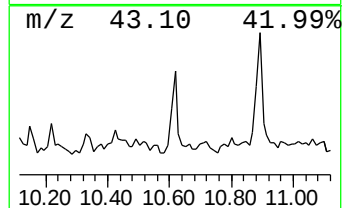
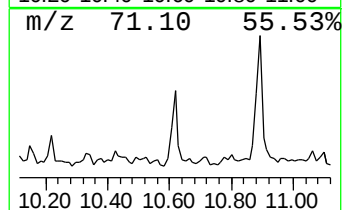
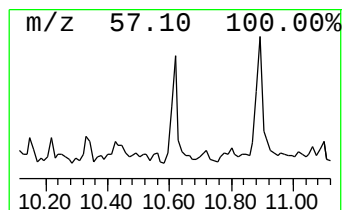
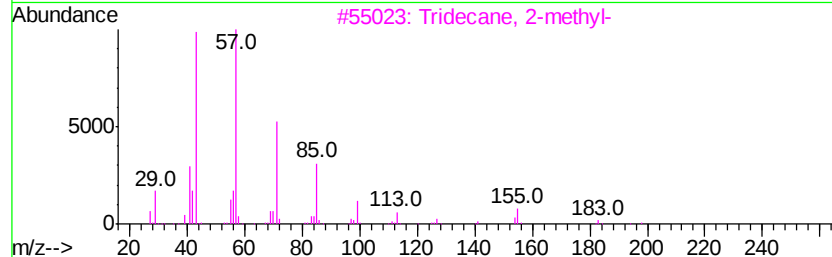
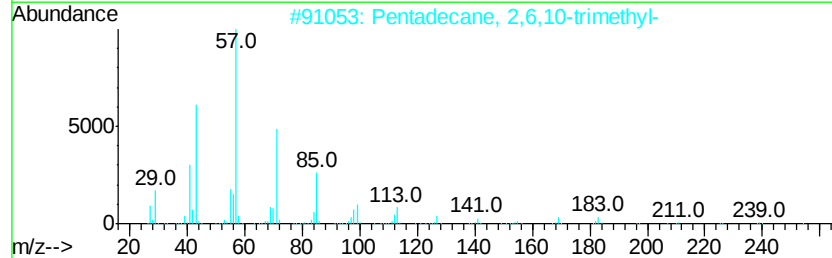
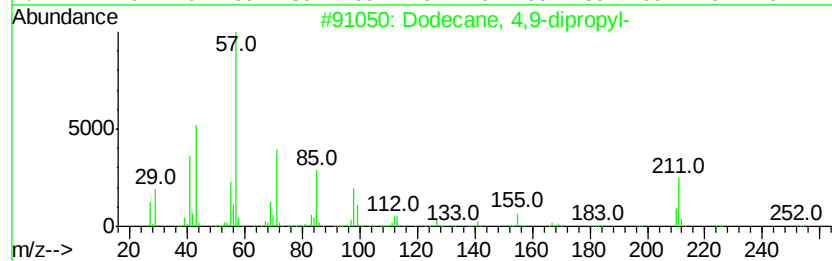
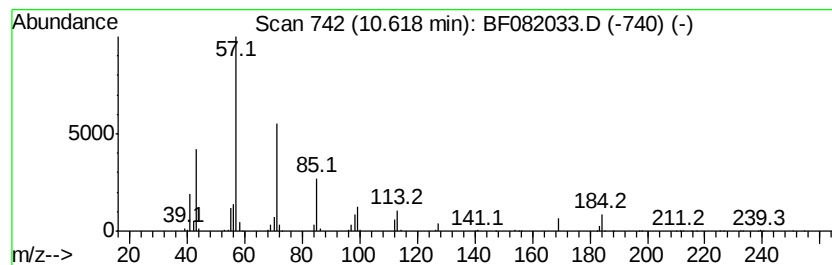
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 4,9-dipropyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.62	27.20 ng	3198570	Acenaphthene-d10		9.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	80	
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78	
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72	
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64	
5	Undecane	156	C11H24	001120-21-4	64	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

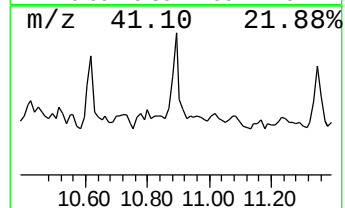
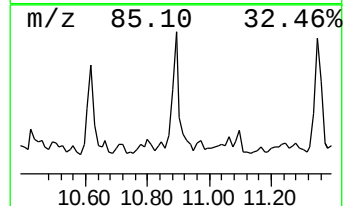
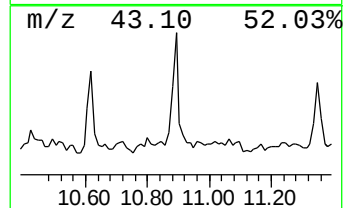
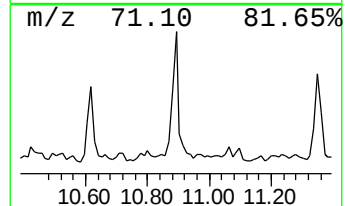
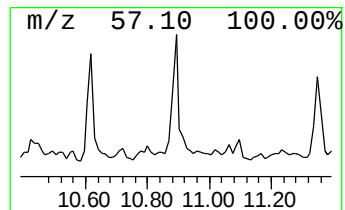
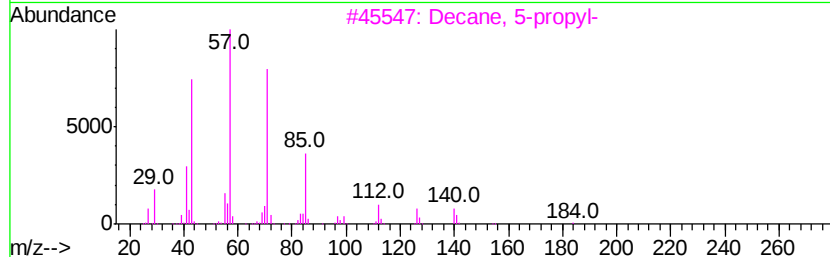
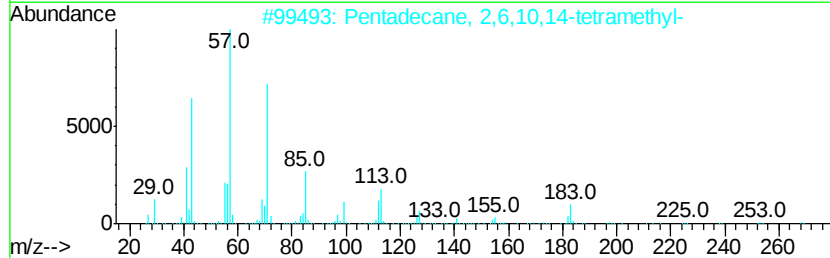
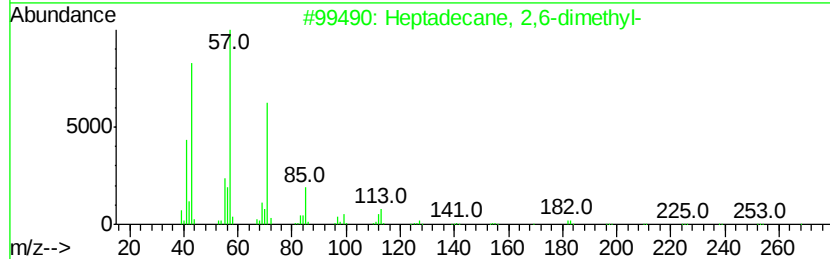
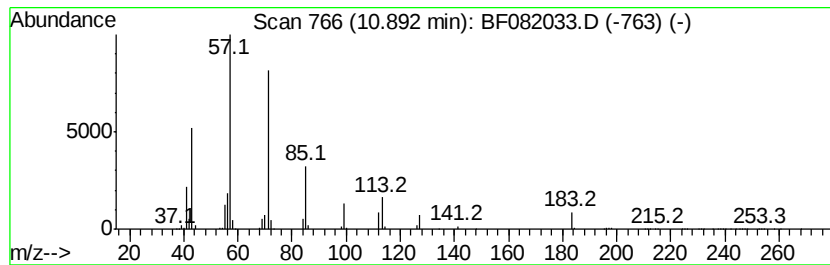
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.89	110.73 ng	5128610	Phenanthrene-d10	11.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3		Decane, 5-propyl-	184	C13H28	017312-62-8	80
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Acq On : 3 Oct 2015 20:56
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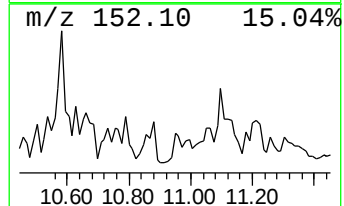
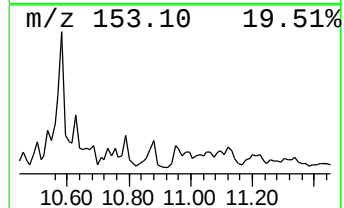
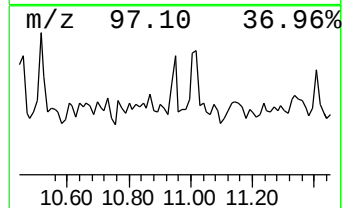
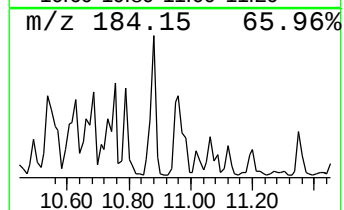
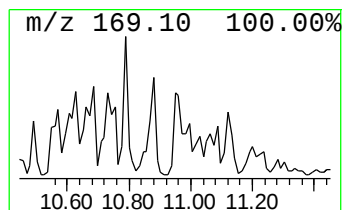
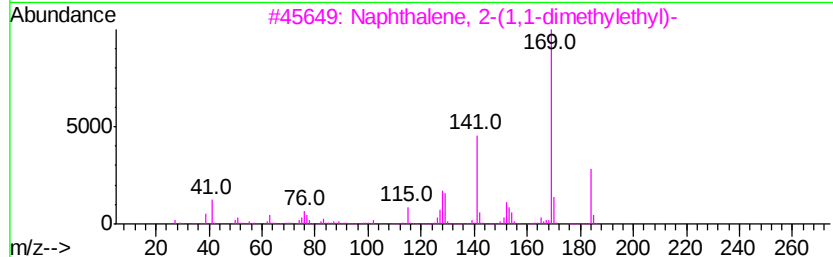
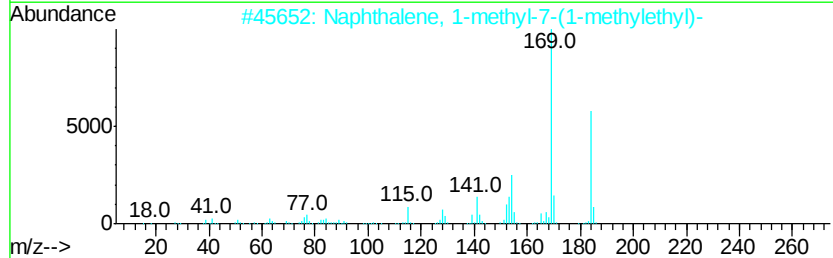
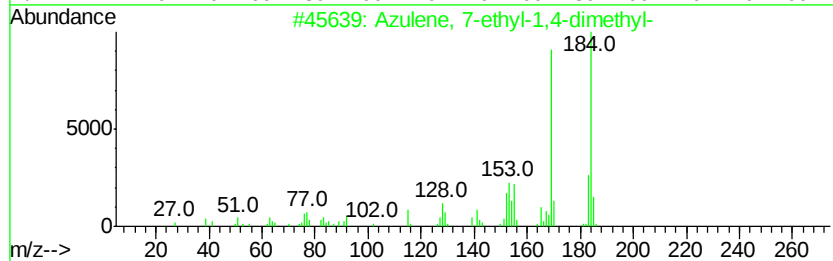
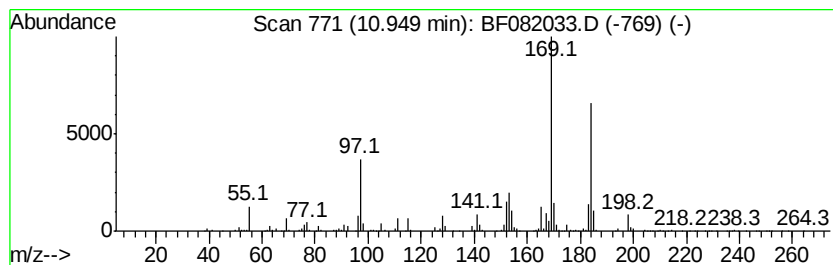
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	43.96 ng	2036220	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	93
2		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	76
3		Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	53
4		2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	028239-45-4	53
5		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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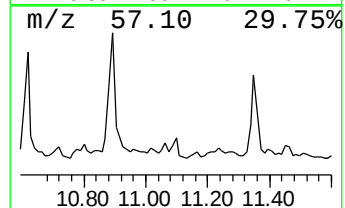
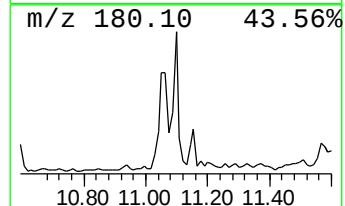
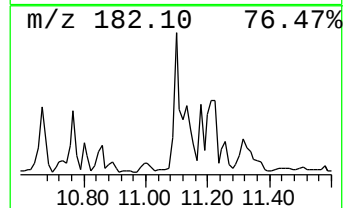
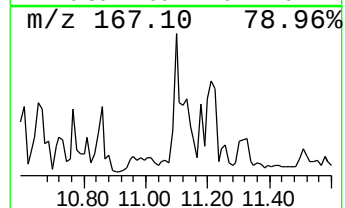
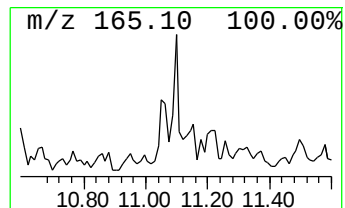
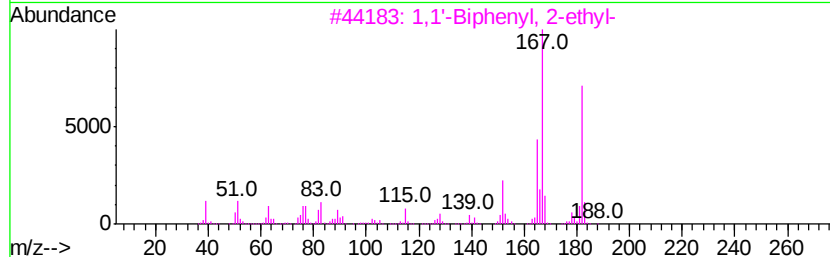
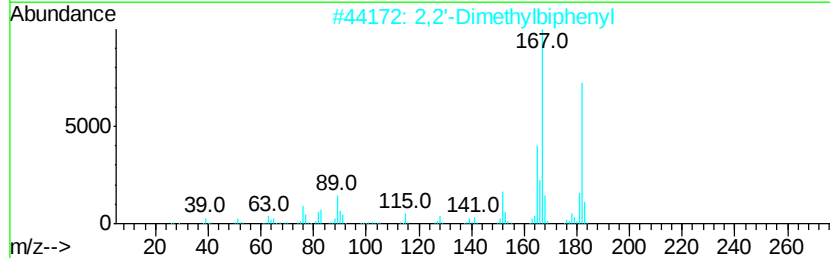
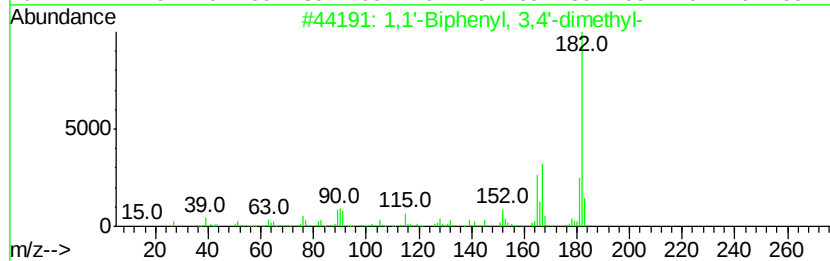
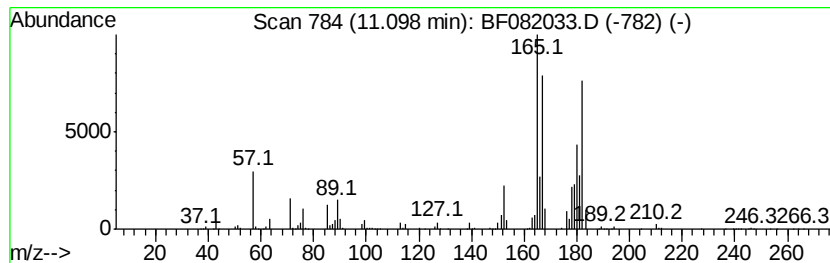
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.10	86.84 ng	4021780	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	62
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	49
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	47
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
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Operator : UM/IZ
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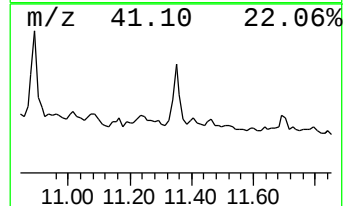
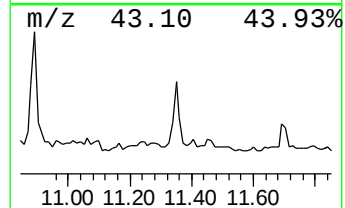
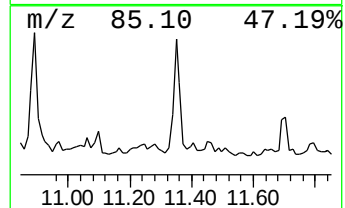
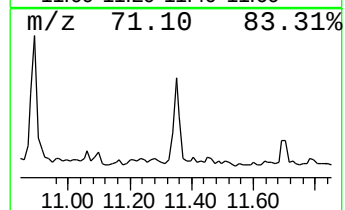
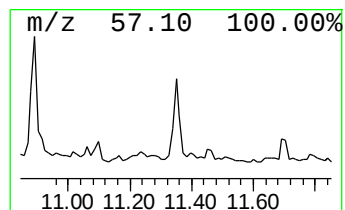
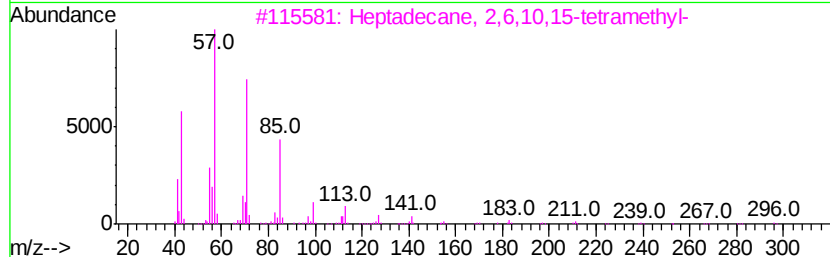
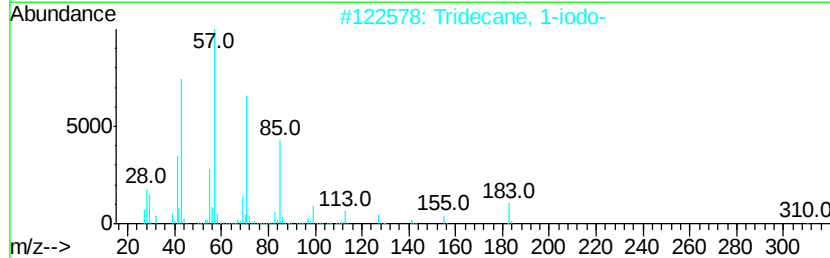
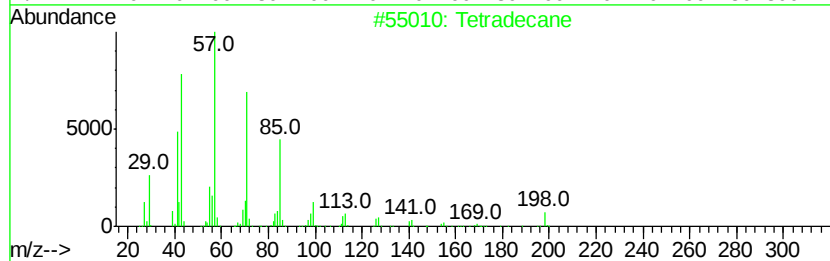
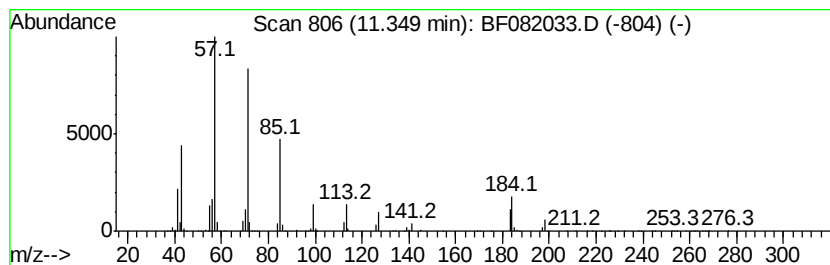
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	85.21 ng	3946310	Phenanthrene-d10	11.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			Tetracosane	338	C24H50	000646-31-1	72
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
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ClientSampleId :
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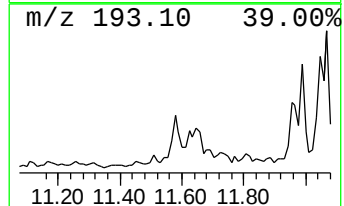
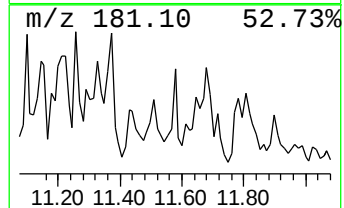
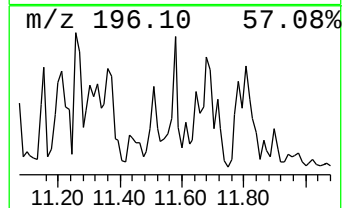
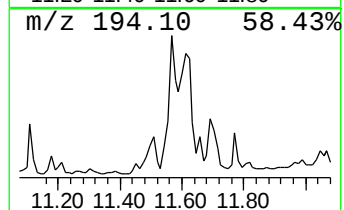
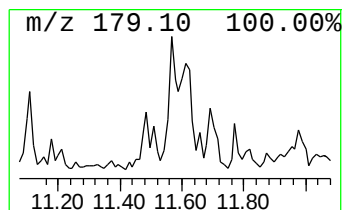
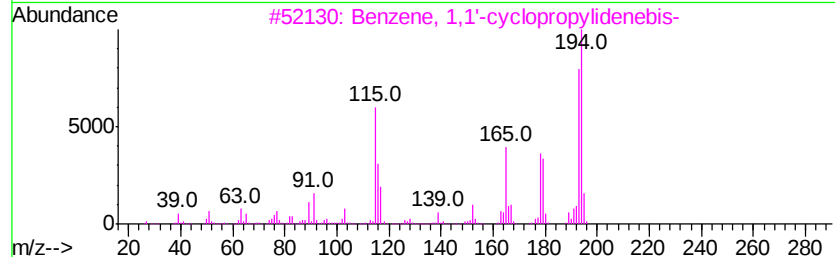
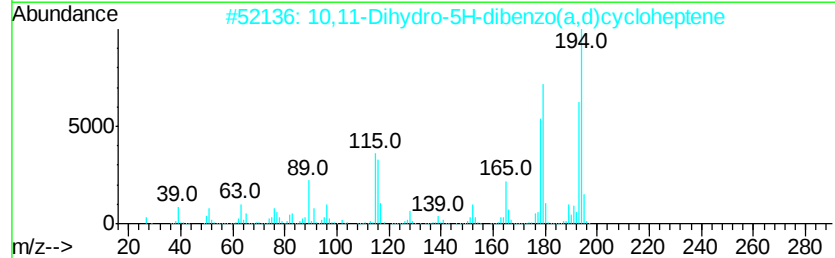
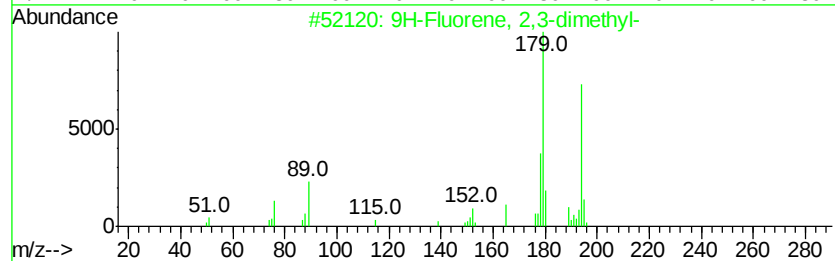
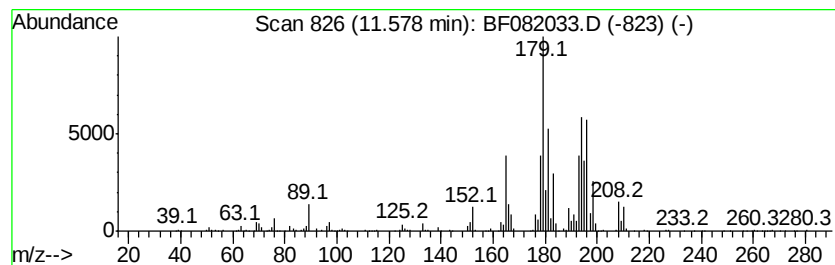
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.58 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	38.27 ng	1772360	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	46
2		10,11-Dihydro-5H-dibenzo(a,d)cyc...	194	C15H14	000833-48-7	46
3		Benzene, 1,1'-cyclopropylidenebis-	194	C15H14	003282-18-6	45
4		4-Phenanthrenol, 1,2,3,4-tetrahy...	212	C15H16O	077536-58-4	43
5		Tetracyclo[4.2.1.0(3,7).0(2,9)]n...	194	C15H14	1000164-30-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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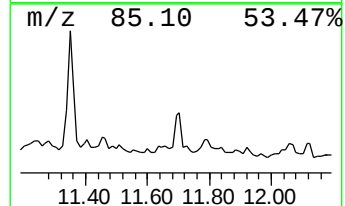
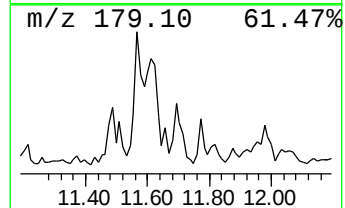
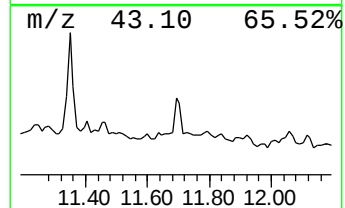
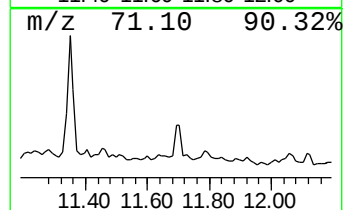
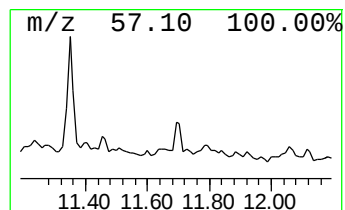
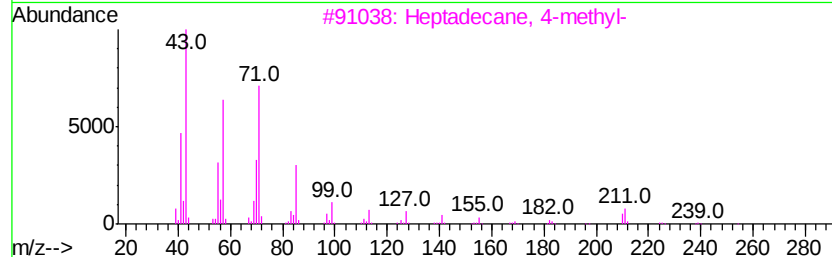
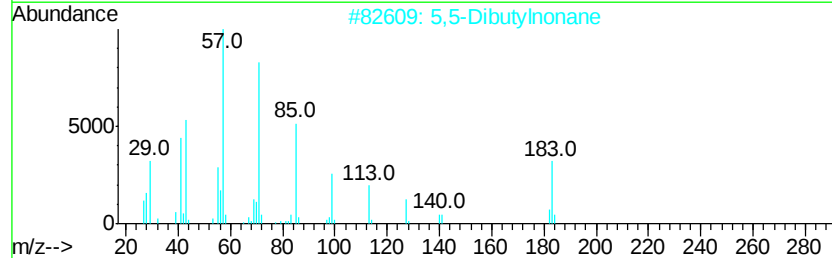
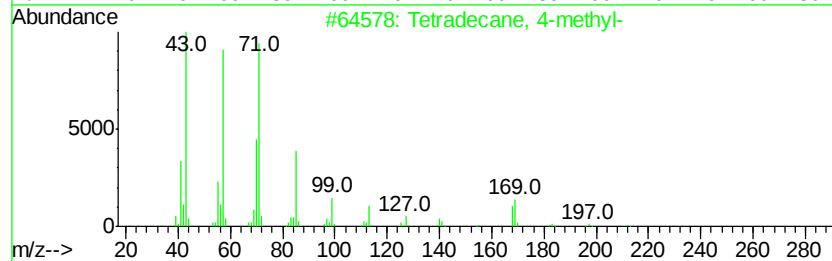
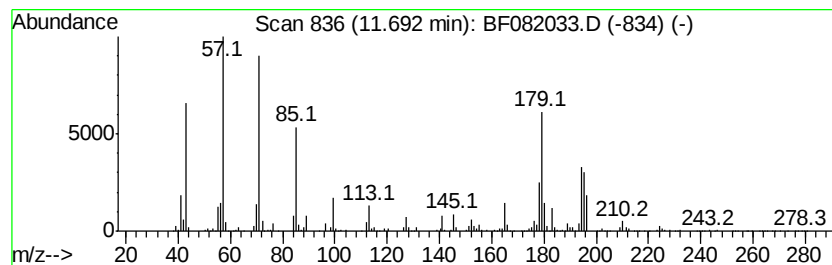
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.69	53.63 ng	2483790	Phenanthrene-d10	11.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	46
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	43
3		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	42
4		Heneicosane	296	C21H44	000629-94-7	41
5		Hexadecane	226	C16H34	000544-76-3	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
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Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

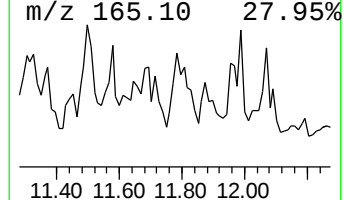
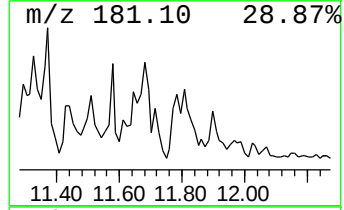
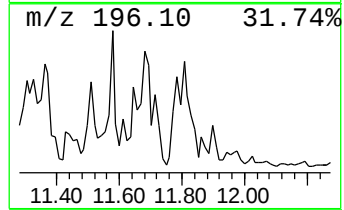
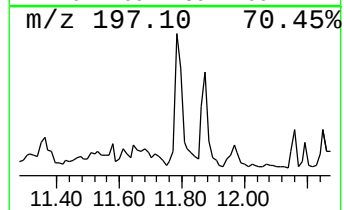
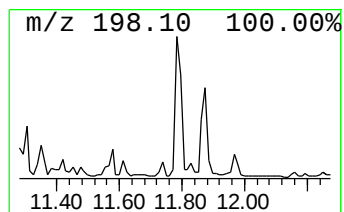
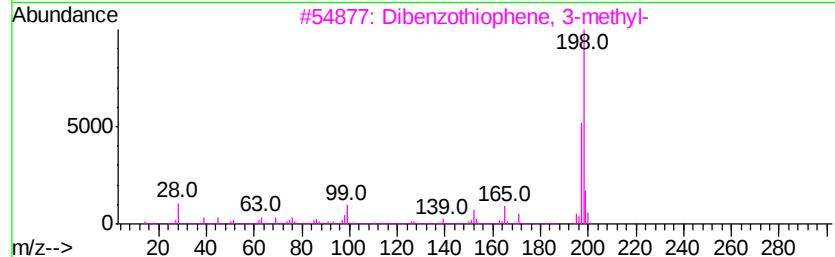
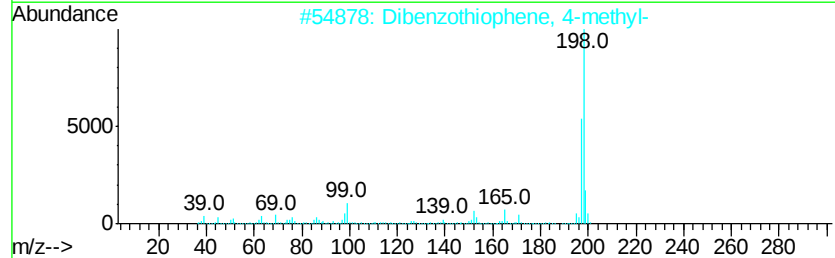
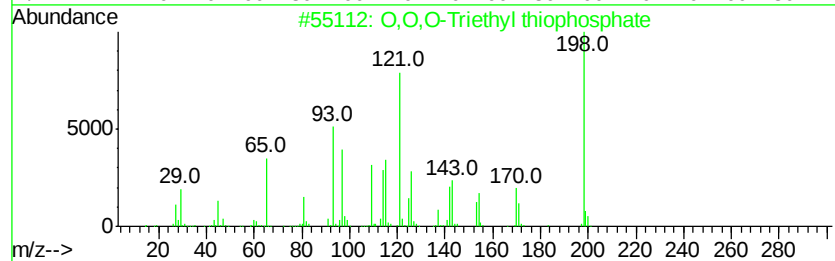
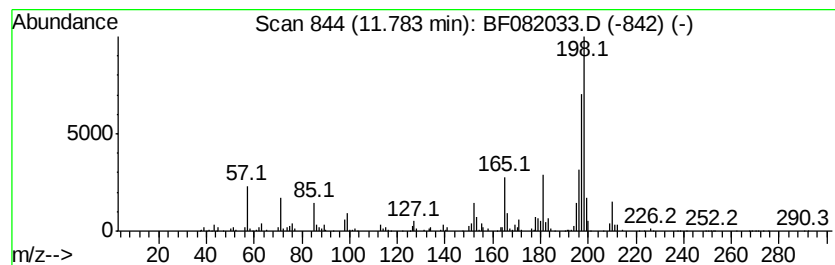
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

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

Peak Number 18 0,0,0-Triethyl thiophosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.78	54.88 ng	2541550	Phenanthrene-d10	11.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	0,0,0-Triethyl	thiophosphate	198	C6H15O3PS	000126-68-1	74
2	Dibenzothiophene, 4-methyl-		198	C13H10S	007372-88-5	64
3	Dibenzothiophene, 3-methyl-		198	C13H10S	016587-52-3	64
4	Benzenamine, 4,4'-methylenebis-		198	C13H14N2	000101-77-9	58
5	9-Acridinamine, 1,2,3,4-tetrahydro-		198	C13H14N2	000321-64-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

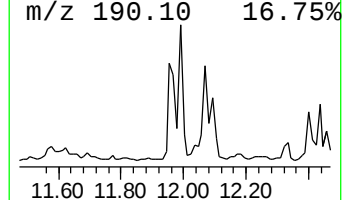
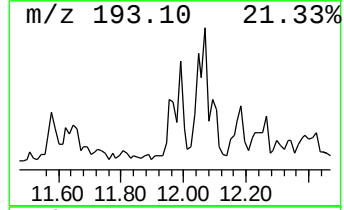
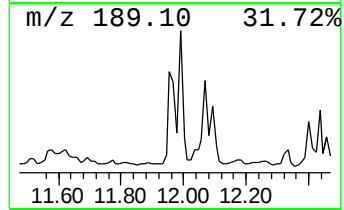
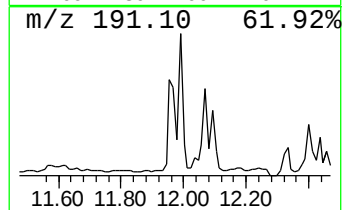
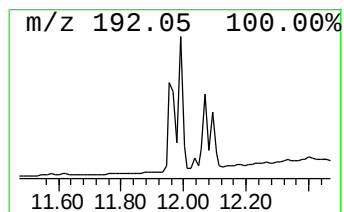
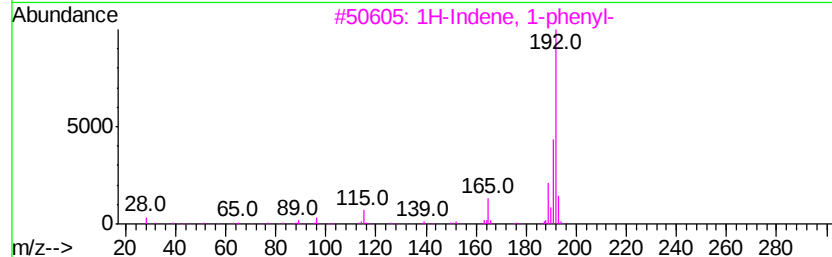
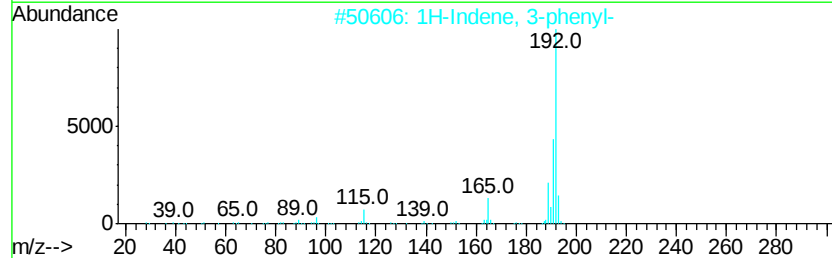
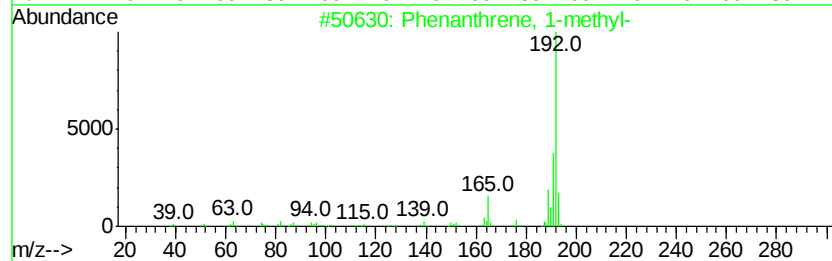
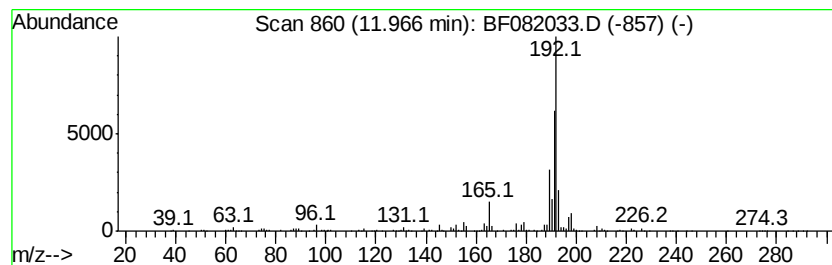
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	28.98 ng	1342130	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082033.D
Acq On : 3 Oct 2015 20:56
Operator : UM/IZ
Sample : G3867-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915

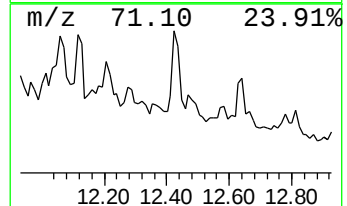
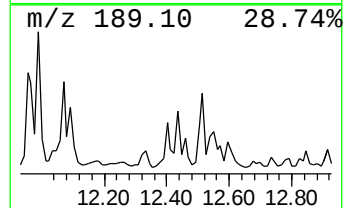
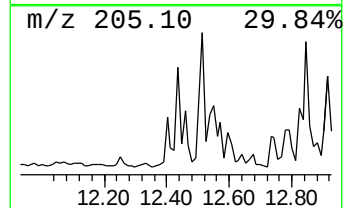
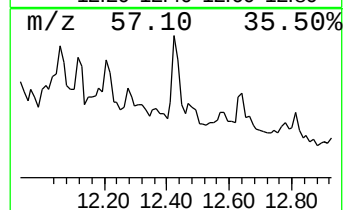
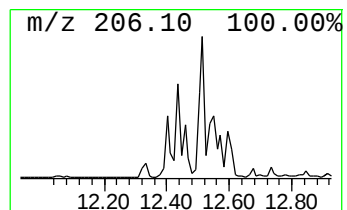
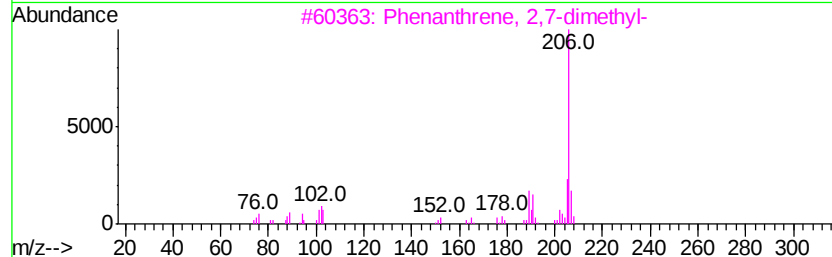
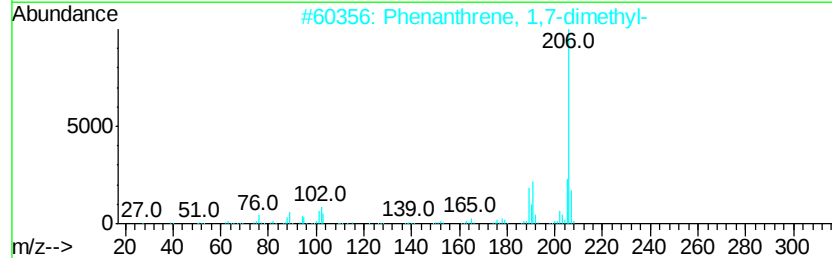
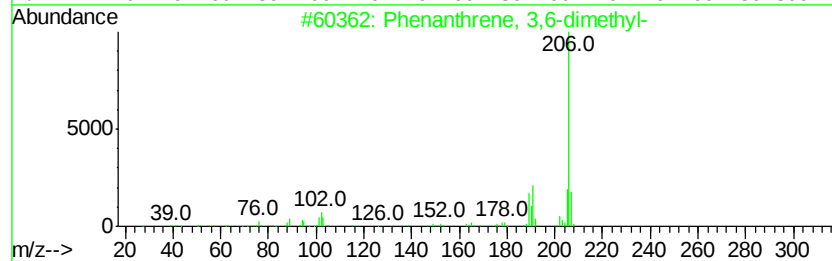
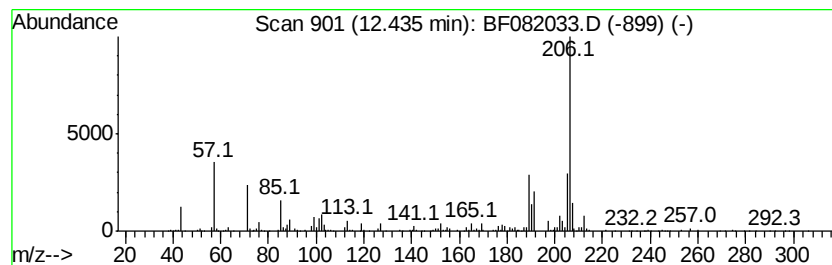
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	34.29 ng	1588050	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	70
5		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082033.D
 Acq On : 3 Oct 2015 20:56
 Operator : UM/IZ
 Sample : G3867-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915

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
unknown6.65	6.65	38.1	ng	3226190	1	6.89	1695050	20.0
unknown7.53	7.53	25.5	ng	2158660	1	6.89	1695050	20.0
unknown9.02	9.02	25.5	ng	6755090	2	8.18	5289460	20.0
1H-Indene, 2,3-di...	9.43	26.7	ng	3139330	3	9.95	2351990	20.0
Naphthalene, 2,7-...	9.55	38.9	ng	4574230	3	9.95	2351990	20.0
Naphthalene, 2,3-...	9.74	27.2	ng	3195300	3	9.95	2351990	20.0
Naphthalene, 1,4,...	10.07	28.9	ng	3396160	3	9.95	2351990	20.0
Naphthalene, 2,3,...	10.17	30.4	ng	3572910	3	9.95	2351990	20.0
Naphthalene, 1,6,...	10.22	32.8	ng	3858160	3	9.95	2351990	20.0
Dodecane, 4,9-dip...	10.62	27.2	ng	3198570	3	9.95	2351990	20.0
Heptadecane, 2,6-...	10.89	110.7	ng	5128610	4	11.45	926302	20.0
Azulene, 7-ethyl-...	10.95	44.0	ng	2036220	4	11.45	926302	20.0
1,1'-Biphenyl, 3,...	11.10	86.8	ng	4021780	4	11.45	926302	20.0
Tetradecane	11.35	85.2	ng	3946310	4	11.45	926302	20.0
unknown11.58	11.58	38.3	ng	1772360	4	11.45	926302	20.0
Tetradecane, 4-me...	11.69	53.6	ng	2483790	4	11.45	926302	20.0
0,0,0-Triethyl th...	11.78	54.9	ng	2541550	4	11.45	926302	20.0
Phenanthrene, 1-m...	11.97	29.0	ng	1342130	4	11.45	926302	20.0
Phenanthrene, 3,6...	12.43	34.3	ng	1588050	4	11.45	926302	20.0