

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091134.D
 Acq On : 9 Nov 2016 19:50
 Operator : UM/SJ
 Sample : H5582-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104

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-BF110316.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	1.755	4	6	51	rVB	3060467	9819909	100.00%	9.243%
2	4.784	269	271	279	rVB	263656	426601	4.34%	0.402%
3	5.241	309	311	321	rBV	2198494	2298653	23.41%	2.164%
4	6.304	401	404	410	rBV	1467711	1562882	15.92%	1.471%
5	6.419	412	414	417	rBV	3485656	4088486	41.63%	3.848%
6	6.647	432	434	439	rBV	733225	1062701	10.82%	1.000%
7	6.807	445	448	453	rVV	3797190	3893648	39.65%	3.665%
8	6.910	453	457	462	rVB3	122109	229751	2.34%	0.216%
9	7.196	478	482	483	rBV	355330	560812	5.71%	0.528%
10	7.230	483	485	487	rVV	3035160	3618896	36.85%	3.406%
11	7.310	489	492	494	rVV2	133961	231541	2.36%	0.218%
12	7.436	499	503	504	rVV2	291416	407970	4.15%	0.384%
13	7.550	512	513	514	rBV	115527	118326	1.20%	0.111%
14	7.596	516	517	522	rVB4	201185	380373	3.87%	0.358%
15	7.687	522	525	526	rBV2	423091	583625	5.94%	0.549%
16	7.722	526	528	530	rVB	114768	119917	1.22%	0.113%
17	7.767	530	532	534	rBV2	152933	194832	1.98%	0.183%
18	7.813	534	536	540	rBV2	143859	280048	2.85%	0.264%
19	7.939	540	547	550	rVV2	1863541	2751609	28.02%	2.590%
20	7.996	550	552	553	rVV	311519	438365	4.46%	0.413%
21	8.076	557	559	560	rVV2	126158	129001	1.31%	0.121%
22	8.099	560	561	563	rVV2	109754	164465	1.67%	0.155%
23	8.145	563	565	567	rVV3	361689	526635	5.36%	0.496%
24	8.190	567	569	570	rVV	254739	291427	2.97%	0.274%
25	8.225	570	572	575	rVV4	358274	662025	6.74%	0.623%
26	8.270	575	576	579	rVV2	138278	225855	2.30%	0.213%
27	8.327	579	581	583	rVV	450363	502545	5.12%	0.473%
28	8.385	583	586	587	rVV	420841	730527	7.44%	0.688%
29	8.407	587	588	590	rVV	396639	611999	6.23%	0.576%
30	8.442	590	591	593	rVV	597773	891956	9.08%	0.840%
31	8.487	593	595	596	rVV2	247105	455439	4.64%	0.429%
32	8.510	596	597	598	rVV	307413	287411	2.93%	0.271%
33	8.533	598	599	601	rVV2	374107	651414	6.63%	0.613%
34	8.602	601	605	606	rVV3	762466	1384780	14.10%	1.303%

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35	8.636	606	608	611	rVV3	445247	737714	7.51%	0.694%
36	8.693	611	613	615	rVV3	163238	345732	3.52%	0.325%
37	8.750	615	618	624	rVV3	1263053	3110953	31.68%	2.928%
38	8.853	624	627	629	rVV4	350595	873618	8.90%	0.822%
39	8.887	629	630	631	rVV	388338	405398	4.13%	0.382%
40	8.979	635	638	639	rVV2	972050	1283062	13.07%	1.208%
41	9.025	639	642	644	rVV	5793196	6401696	65.19%	6.026%
42	9.059	644	645	647	rVV2	300070	449785	4.58%	0.423%
43	9.105	647	649	651	rVV3	315916	780859	7.95%	0.735%
44	9.173	651	655	656	rVV	696681	1537745	15.66%	1.447%
45	9.219	656	659	662	rVV2	487370	1264013	12.87%	1.190%
46	9.276	662	664	667	rVV	1750553	3013400	30.69%	2.836%
47	9.356	667	671	672	rVV	2792327	3600140	36.66%	3.389%
48	9.425	676	677	679	rVV	875312	1255143	12.78%	1.181%
49	9.470	679	681	686	rVV	1108619	2074585	21.13%	1.953%
50	9.550	686	688	691	rVV	684127	1042377	10.61%	0.981%
51	9.608	691	693	694	rVV	300951	493235	5.02%	0.464%
52	9.642	694	696	697	rVV	218368	378684	3.86%	0.356%
53	9.688	697	700	702	rVV	1795292	2438660	24.83%	2.295%
54	9.722	702	703	705	rVV2	408216	656217	6.68%	0.618%
55	9.802	708	710	712	rVV	760870	1247502	12.70%	1.174%
56	9.848	712	714	715	rVV2	266236	450792	4.59%	0.424%
57	9.893	715	718	720	rVV	1216895	1740992	17.73%	1.639%
58	9.939	720	722	723	rVV	1063243	1096334	11.16%	1.032%
59	10.008	726	728	730	rVV	968731	1315271	13.39%	1.238%
60	10.042	730	731	732	rVV	618582	504555	5.14%	0.475%
61	10.099	733	736	740	rVV	677964	1683556	17.14%	1.585%
62	10.190	742	744	746	rVV2	300705	423714	4.31%	0.399%
63	10.236	746	748	749	rVV	597747	701088	7.14%	0.660%
64	10.305	751	754	757	rVV	932558	1638564	16.69%	1.542%
65	10.351	757	758	760	rVV	786985	977638	9.96%	0.920%
66	10.396	760	762	764	rVB2	254302	436671	4.45%	0.411%
67	10.488	764	770	771	rBV	3014949	3953767	40.26%	3.722%
68	10.511	771	772	776	rVB3	199240	353130	3.60%	0.332%
69	10.579	776	778	779	rBV	99861	156063	1.59%	0.147%
70	10.625	779	782	784	rVV2	751809	1273642	12.97%	1.199%
71	10.682	784	787	788	rVV3	168316	211823	2.16%	0.199%

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72	10.785	793	796	797	rVV2	206607	332308	3.38%	0.313%
73	10.808	797	798	802	rVV2	551825	833202	8.48%	0.784%
74	10.922	804	808	812	rBV3	242135	609673	6.21%	0.574%
75	11.025	815	817	818	rBV2	109242	115671	1.18%	0.109%
76	11.082	820	822	825	rVB2	706204	758222	7.72%	0.714%
77	11.173	827	830	831	rBV	1346438	1614449	16.44%	1.520%
78	11.288	838	840	841	rBV	206192	218125	2.22%	0.205%
79	11.493	856	858	864	rVB3	153419	430943	4.39%	0.406%
80	11.585	864	866	869	rVB2	79796	111692	1.14%	0.105%
81	11.676	871	874	875	rBV	159066	274556	2.80%	0.258%
82	11.699	875	876	879	rVV	337866	303388	3.09%	0.286%
83	11.779	881	883	887	rVB2	236151	392747	4.00%	0.370%
84	11.905	893	894	896	rVB2	101380	100417	1.02%	0.095%
85	12.145	914	915	919	rVB2	126077	254893	2.60%	0.240%
86	12.214	919	921	923	rBV	160616	235041	2.39%	0.221%
87	12.762	966	969	971	rBV	5157646	6278664	63.94%	5.910%
88	13.654	1045	1047	1052	rVB	98023	135276	1.38%	0.127%
89	13.802	1057	1060	1062	rBV	1010180	1378378	14.04%	1.297%
90	15.174	1177	1180	1182	rBV	735972	966881	9.85%	0.910%

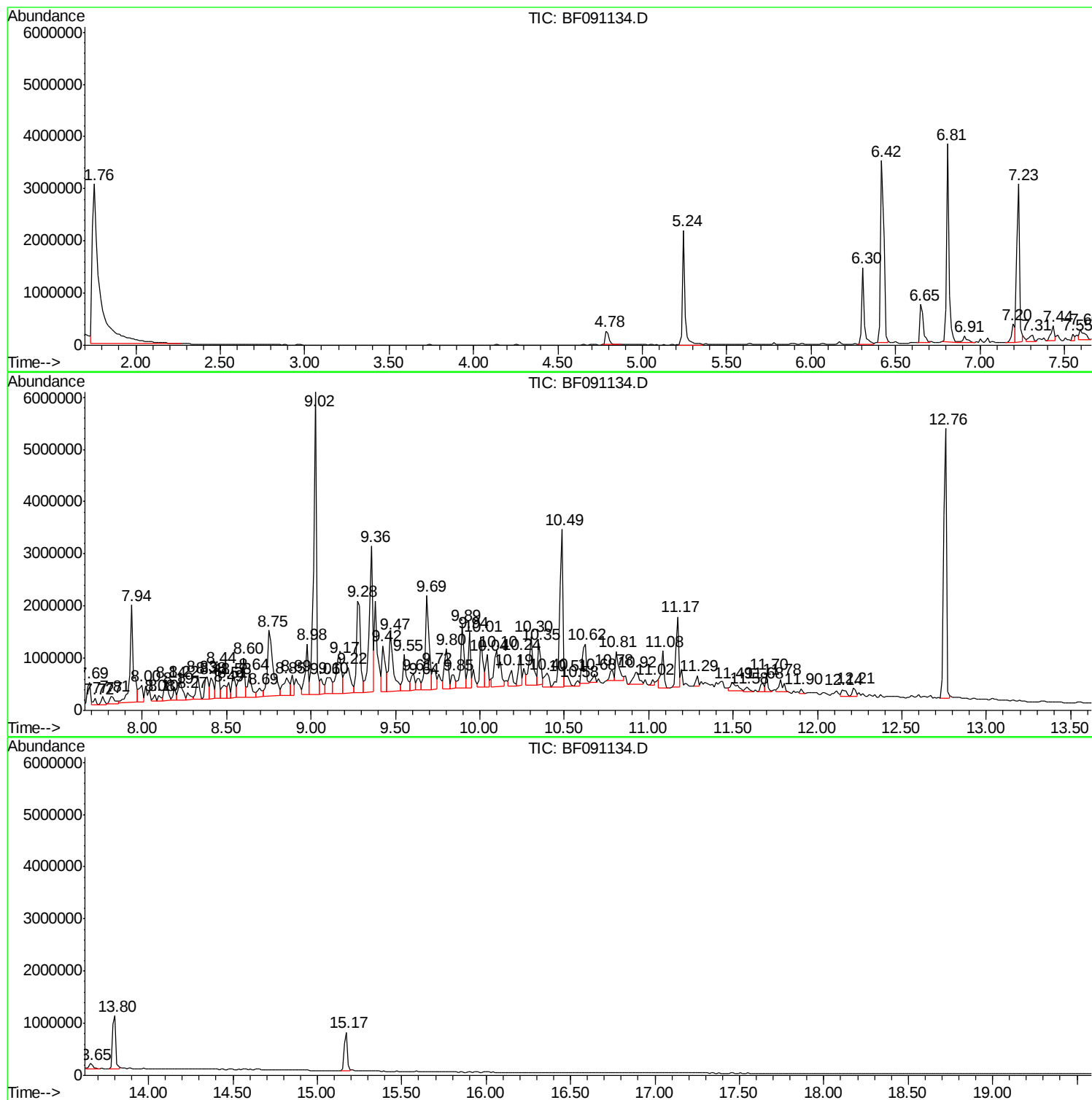
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Instrument :
BNA_F
ClientSampled :
MW-104

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.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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Instrument :
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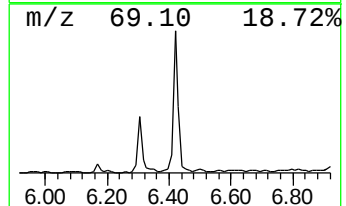
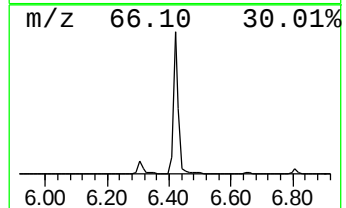
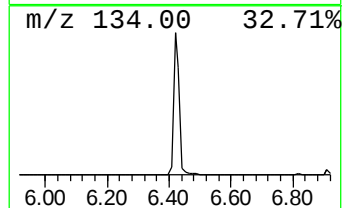
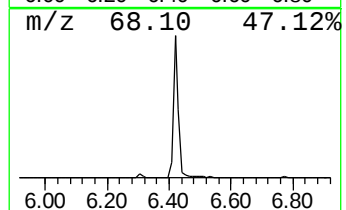
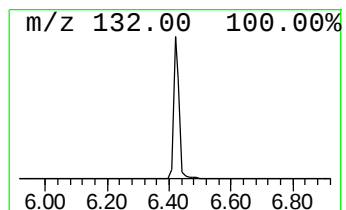
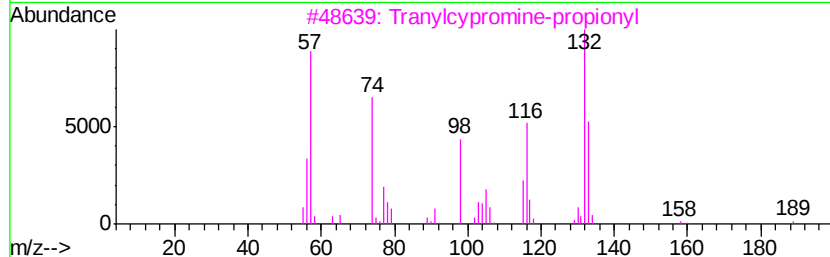
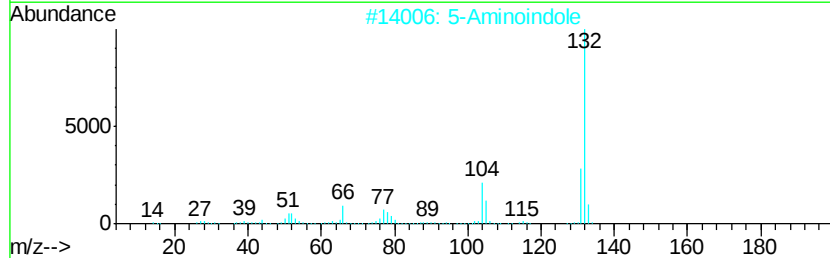
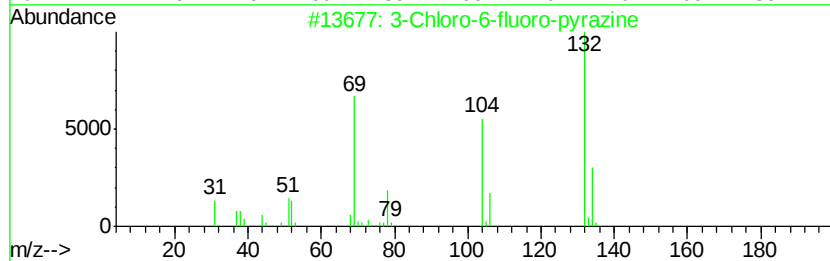
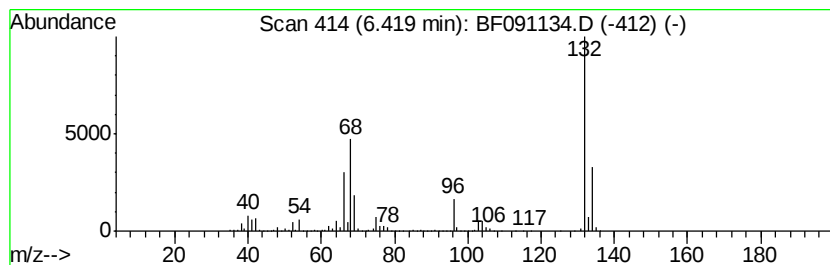
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	76.95 ng	4088490	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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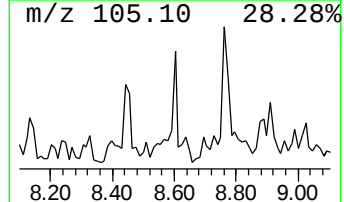
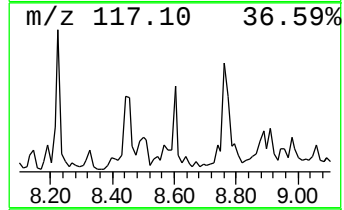
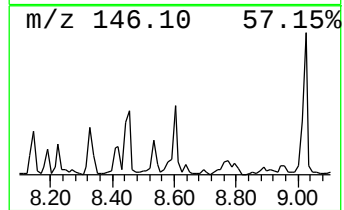
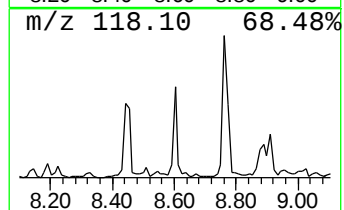
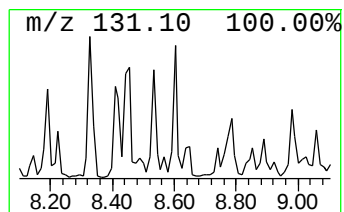
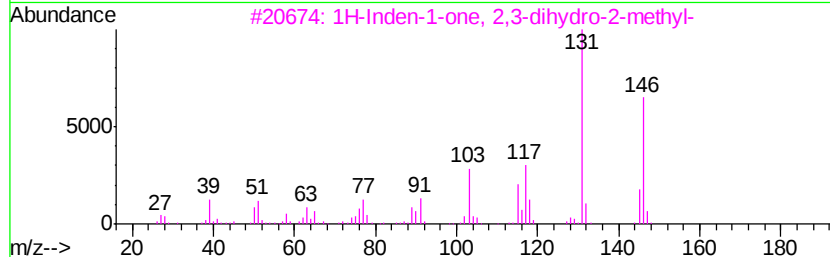
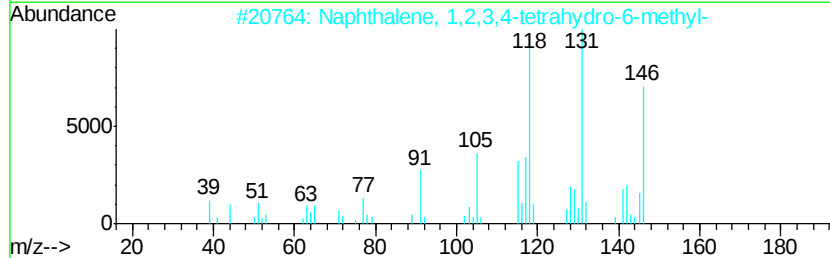
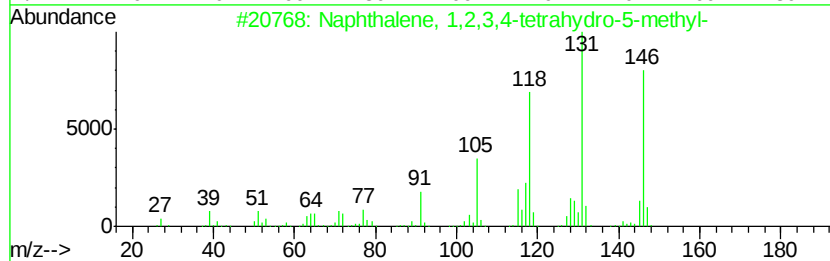
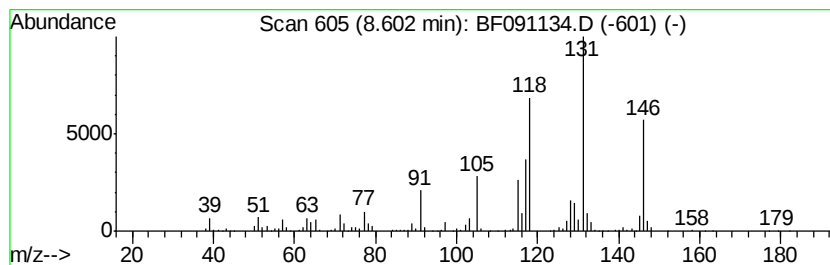
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	10.07 ng	1384780	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62
4		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	60
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60



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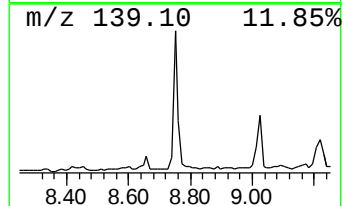
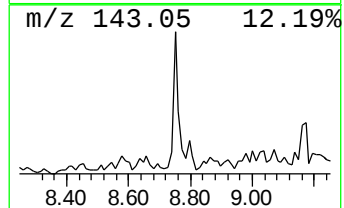
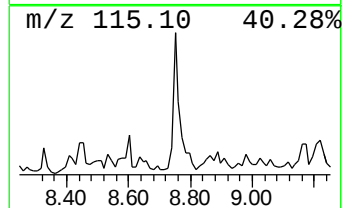
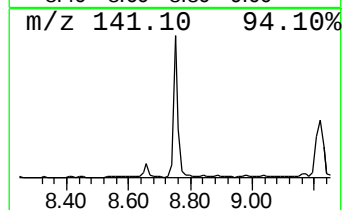
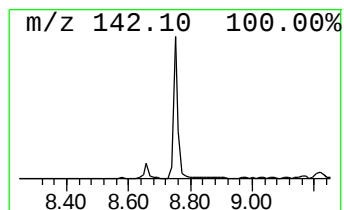
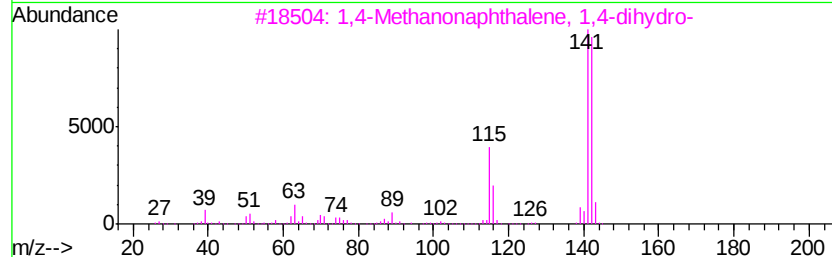
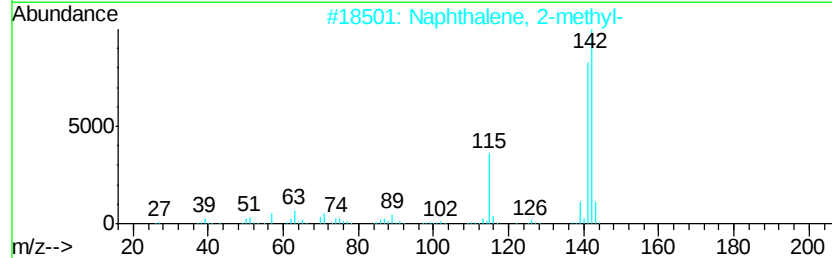
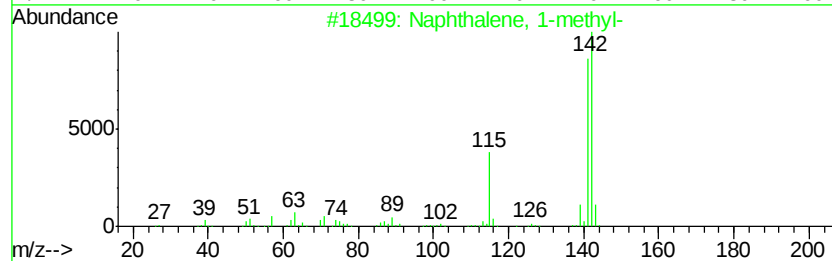
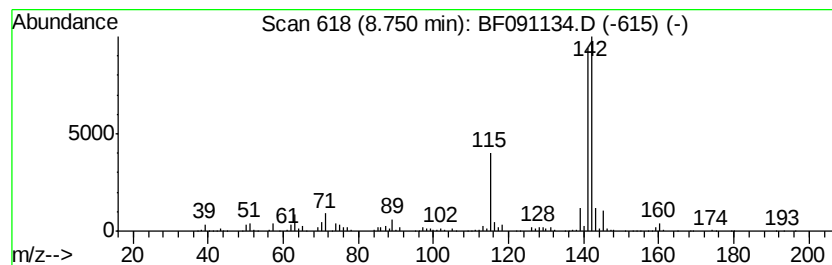
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	22.61 ng	3110950	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	80



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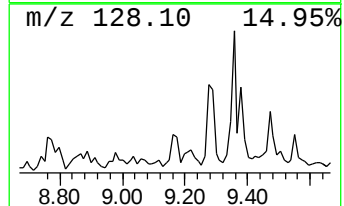
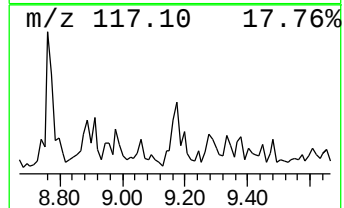
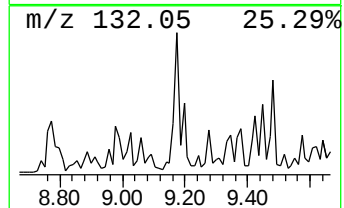
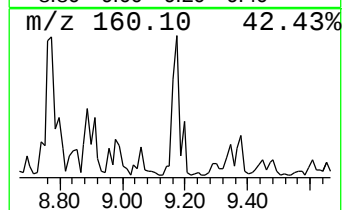
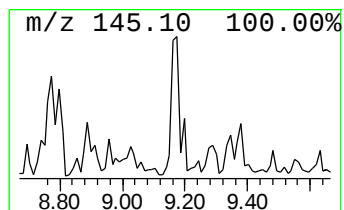
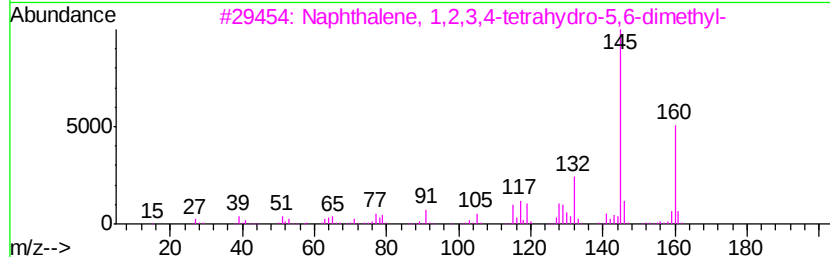
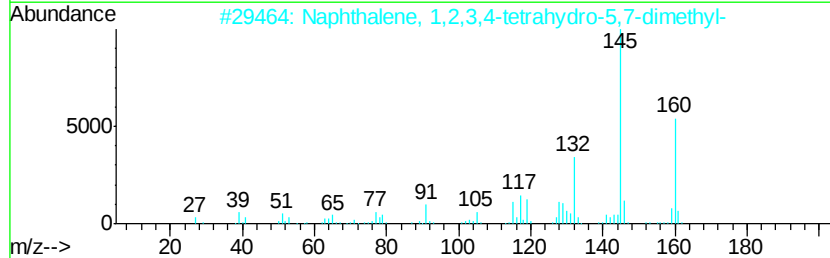
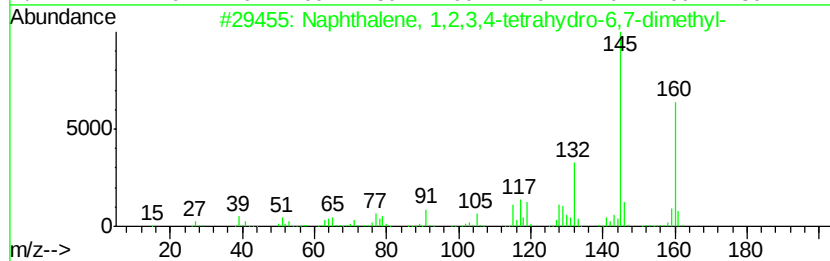
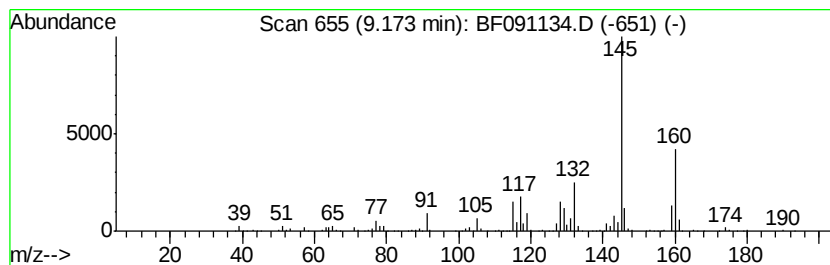
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	12.61 ng	1537750	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-104

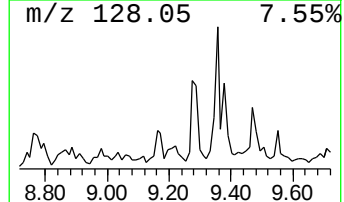
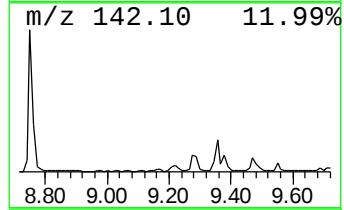
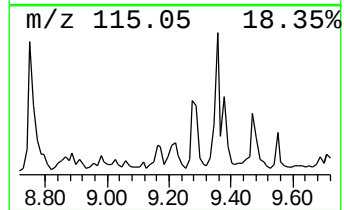
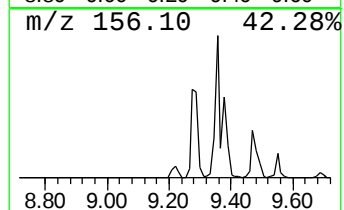
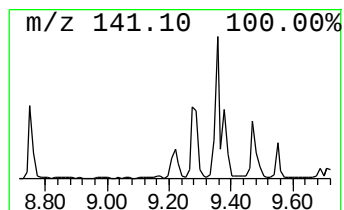
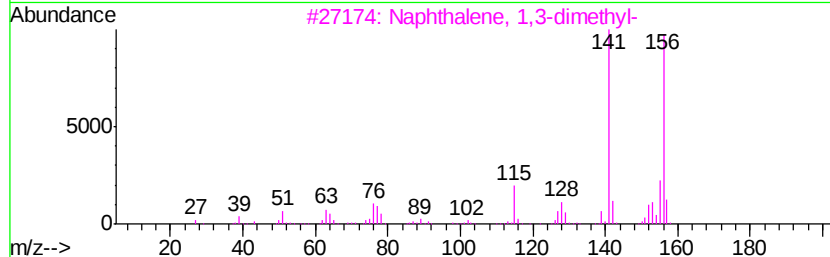
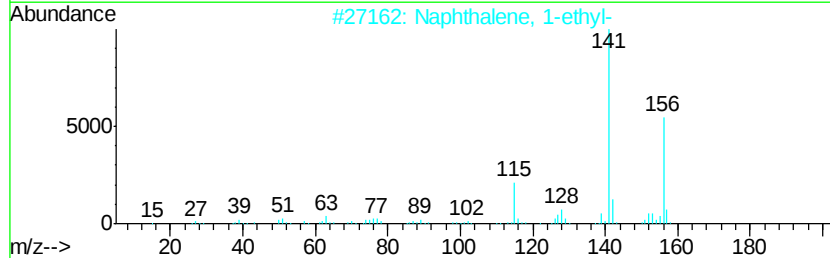
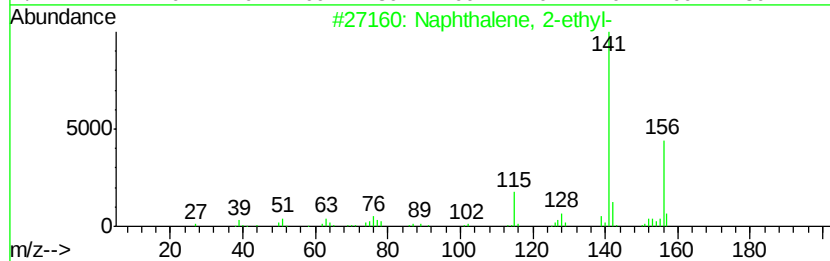
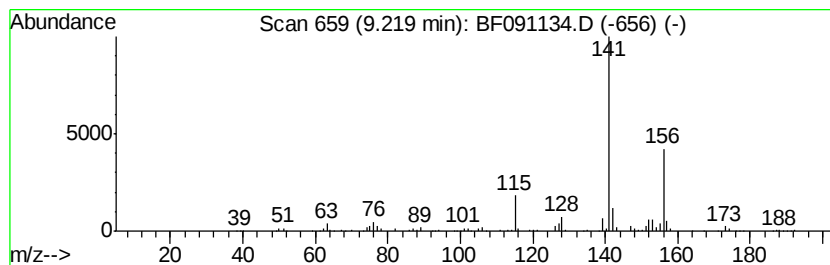
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	10.37 ng	1264010	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	64
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
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Acq On : 9 Nov 2016 19:50
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Sample : H5582-01
Misc :
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Instrument :
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ClientSampleId :
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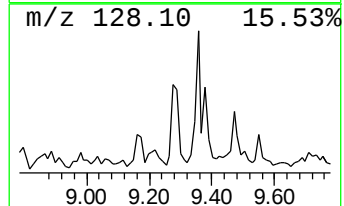
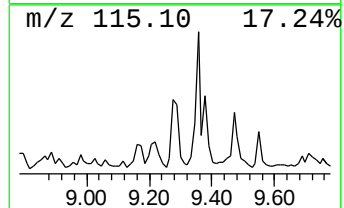
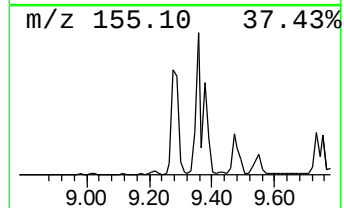
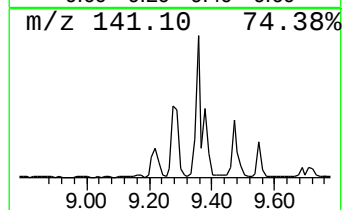
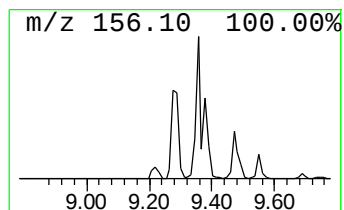
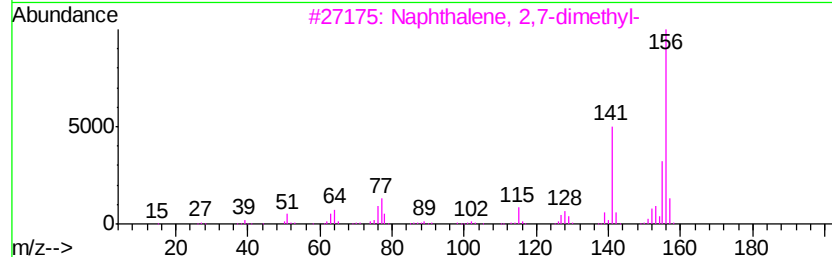
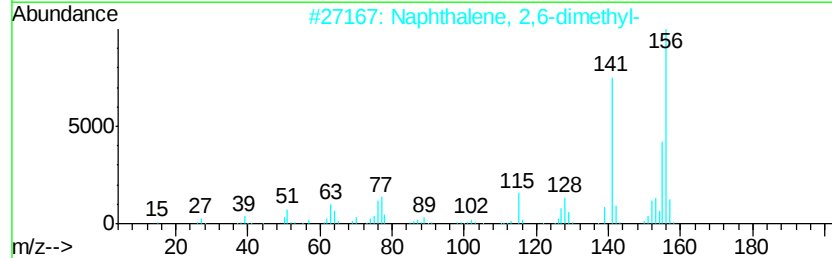
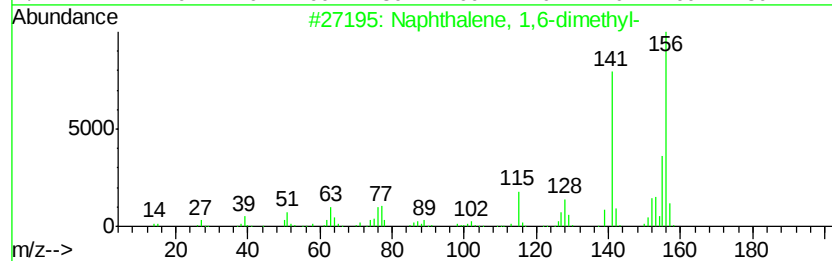
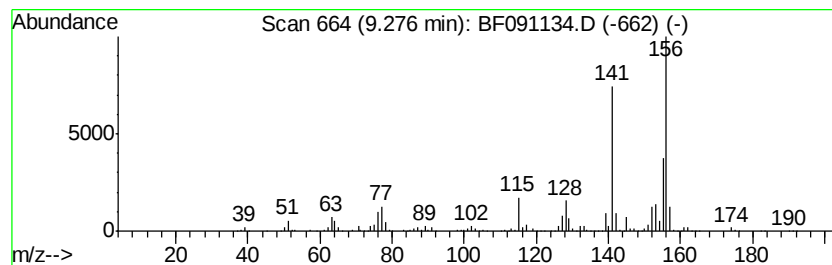
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	24.71 ng	3013400	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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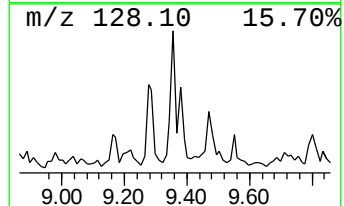
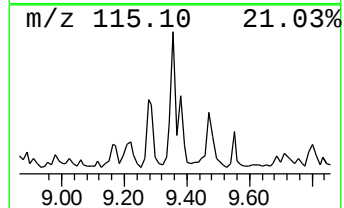
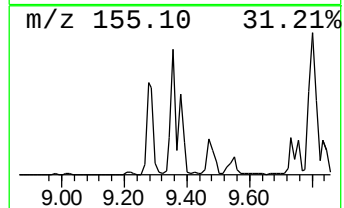
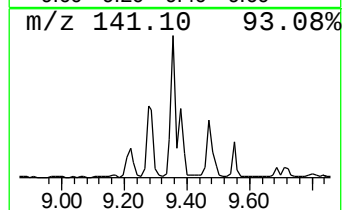
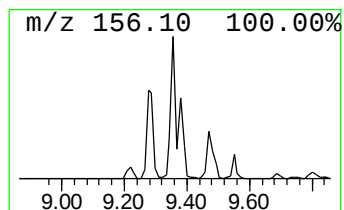
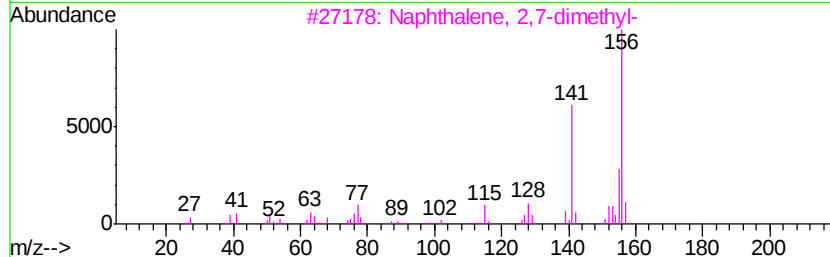
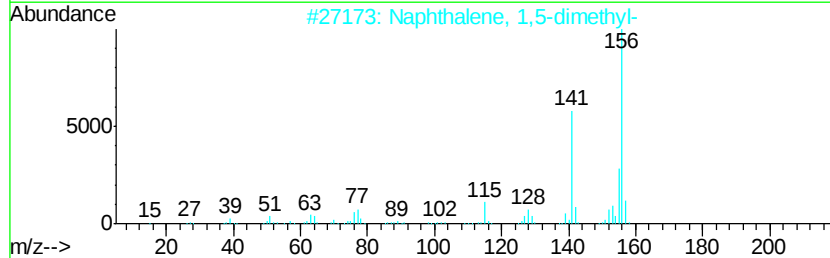
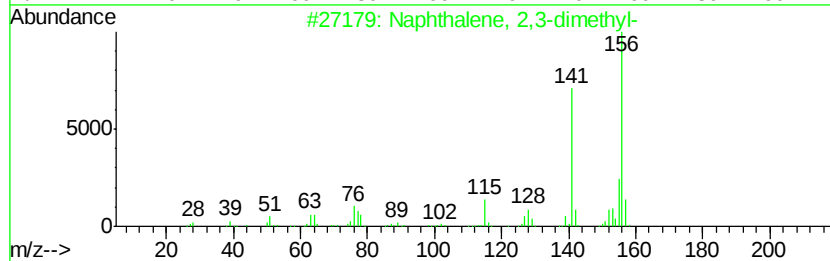
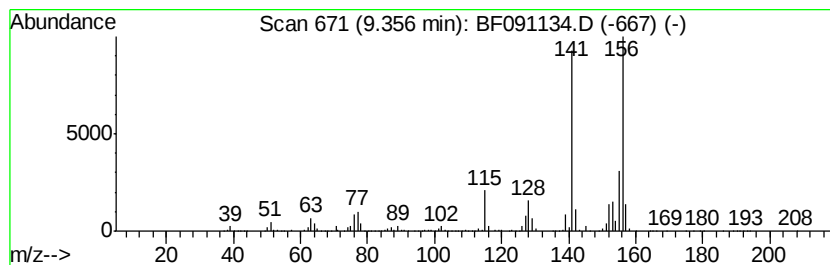
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	29.53 ng	3600140	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091134.D
 Acq On : 9 Nov 2016 19:50
 Operator : UM/SJ
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 Misc :
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Instrument :
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 ClientSampleId :
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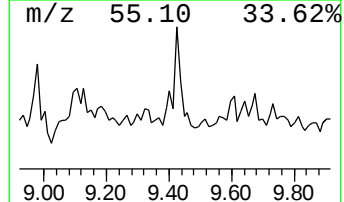
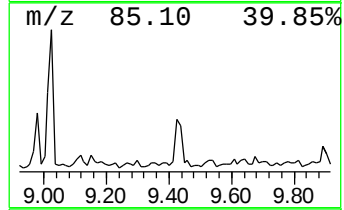
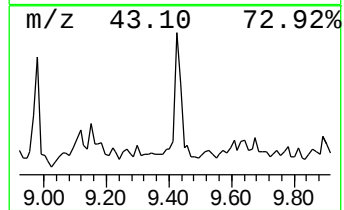
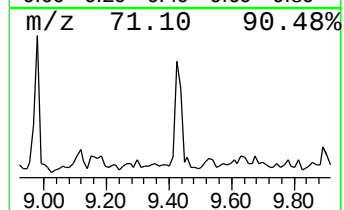
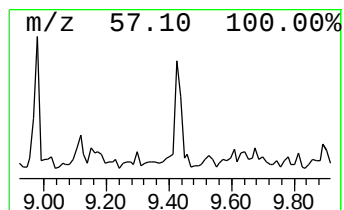
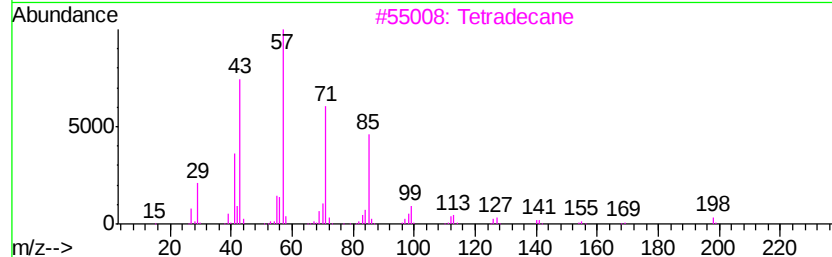
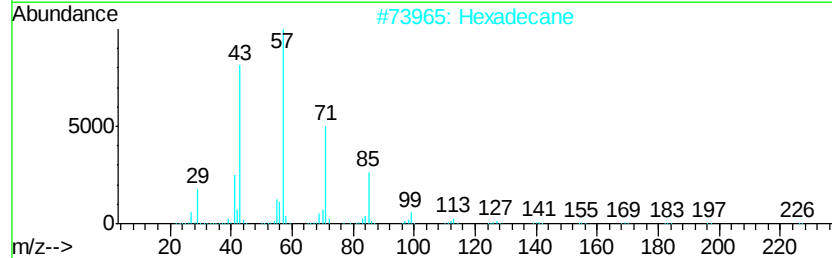
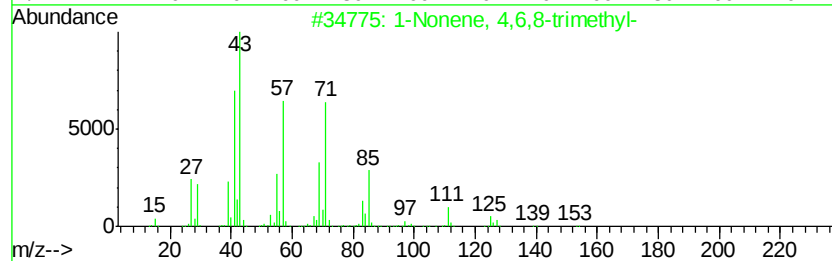
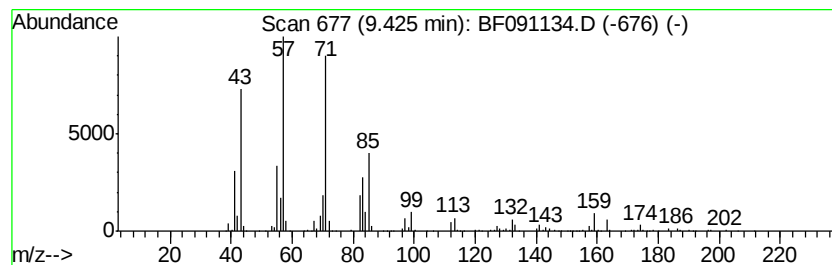
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 1-Nonene, 4,6,8-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	10.29 ng	1255140	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	64
2		Hexadecane	226	C16H34	000544-76-3	53
3		Tetradecane	198	C14H30	000629-59-4	49
4		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	47
5		Dodecane	170	C12H26	000112-40-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
MW-104

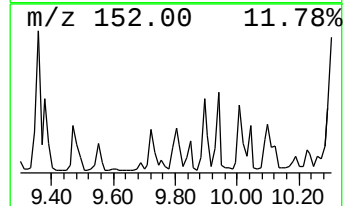
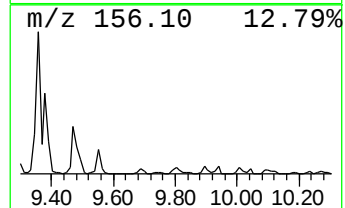
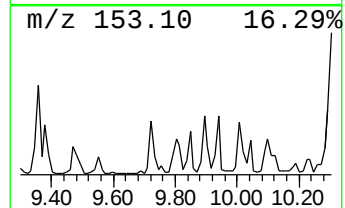
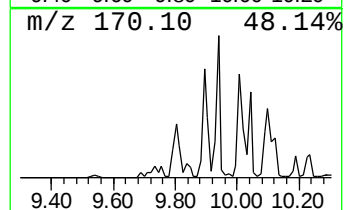
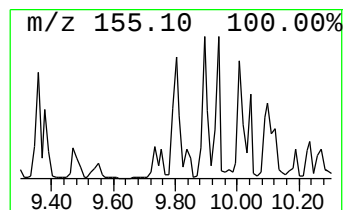
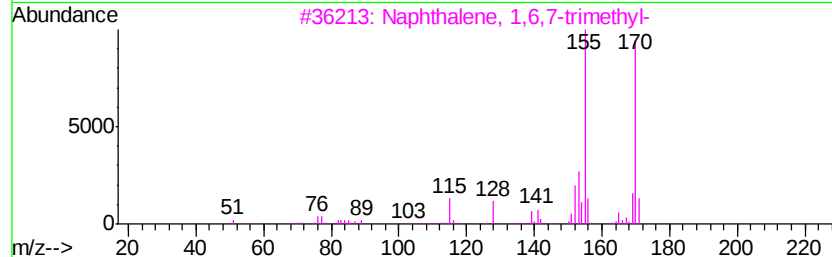
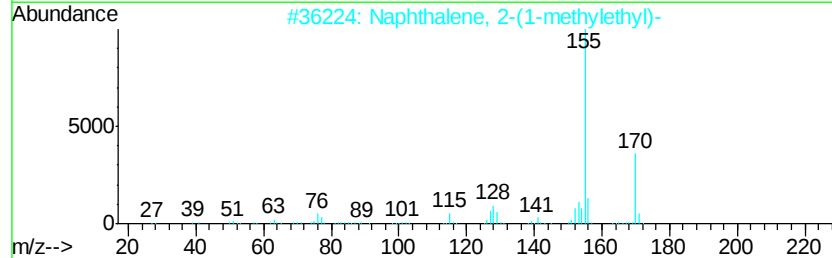
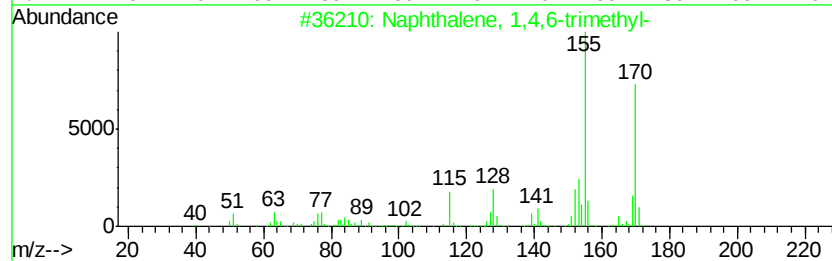
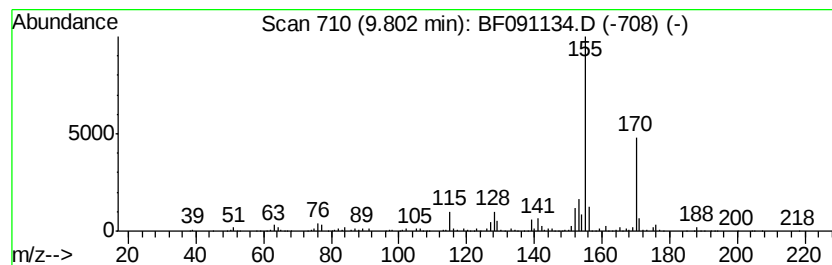
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	10.23 ng	1247500	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5		1'-Acetonaphthone	170	C12H10O	000941-98-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
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ClientSampleId :
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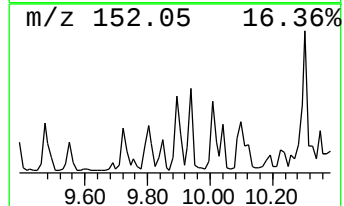
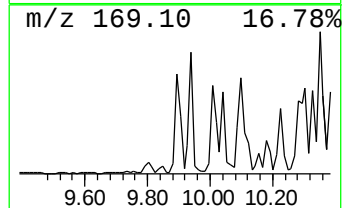
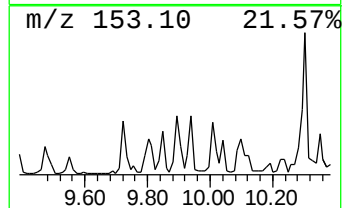
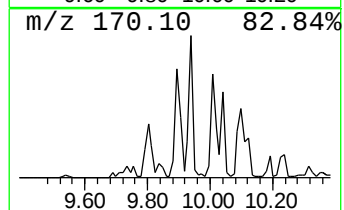
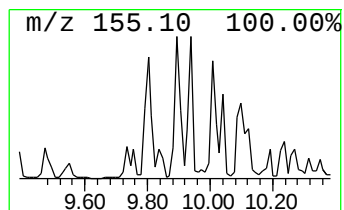
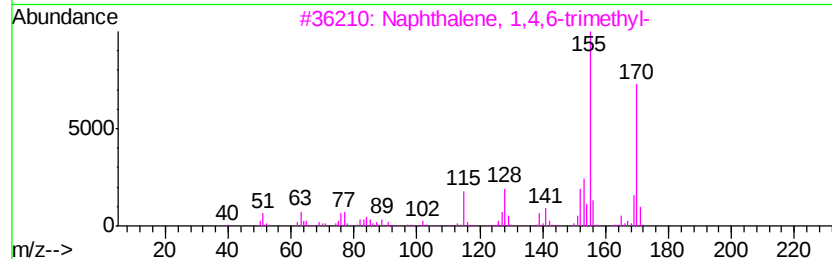
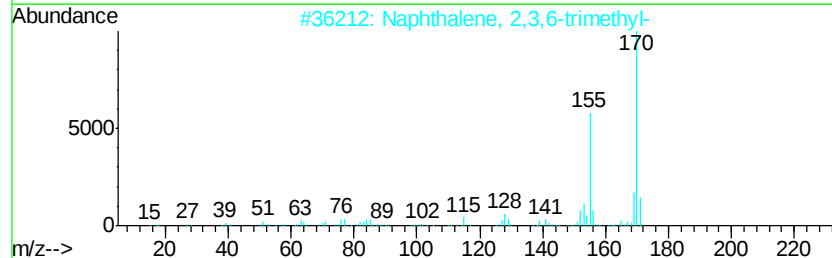
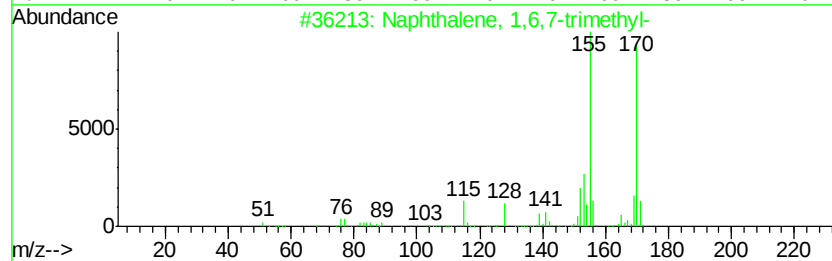
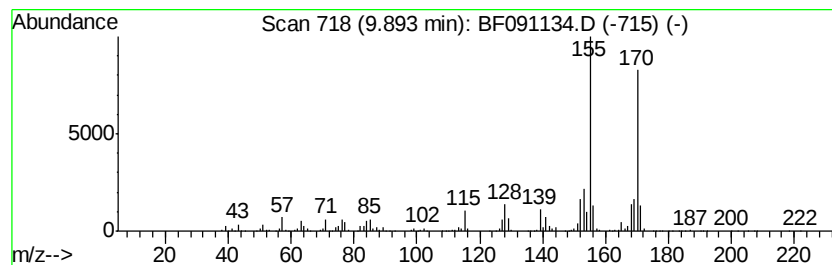
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	14.28 ng	1740990	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-104

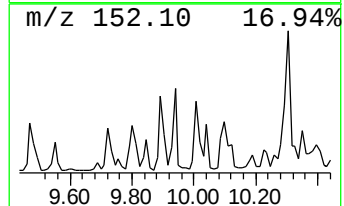
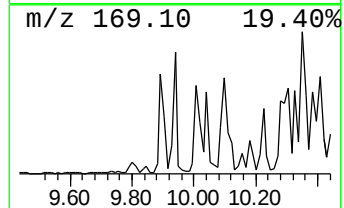
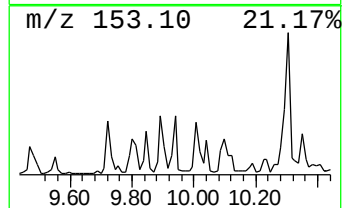
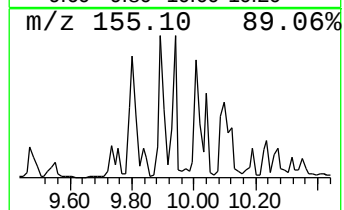
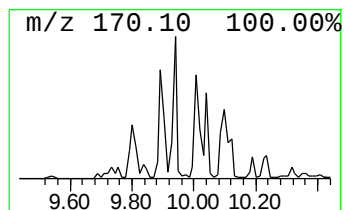
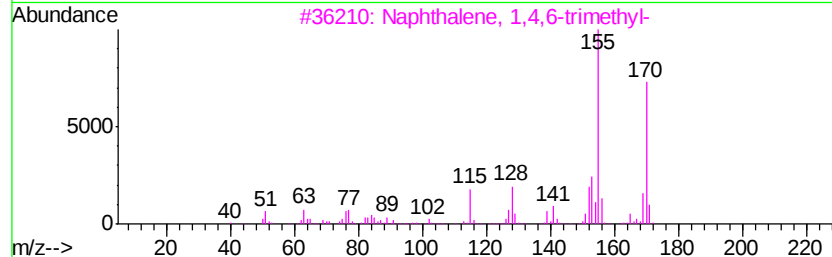
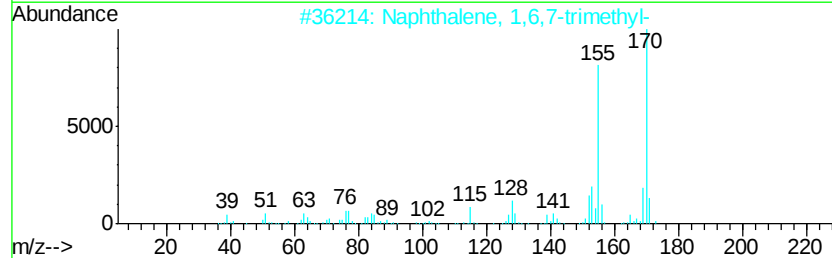
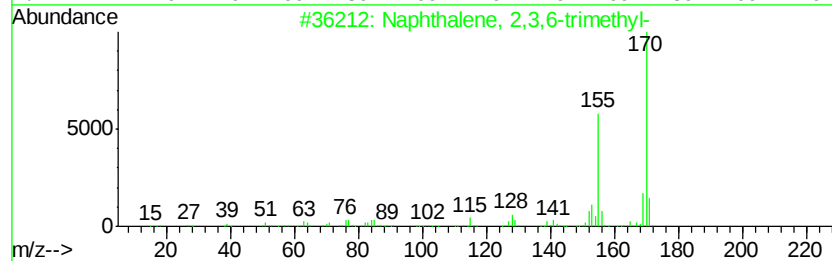
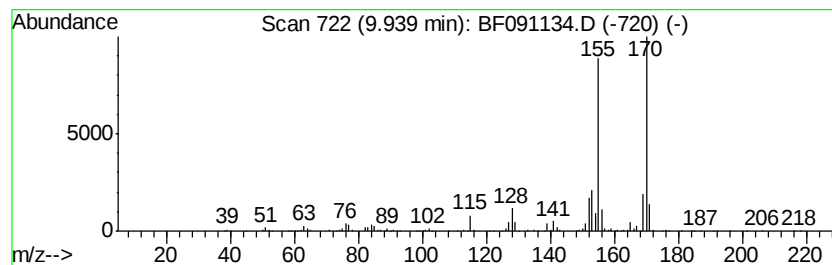
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	8.99 ng	1096330	Acenaphthene-d10	9.69

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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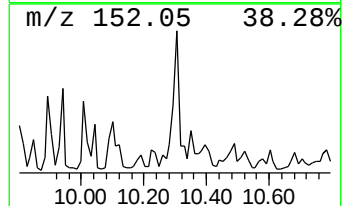
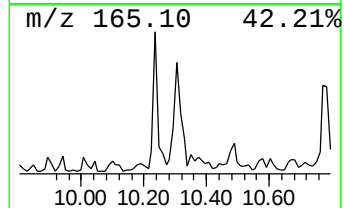
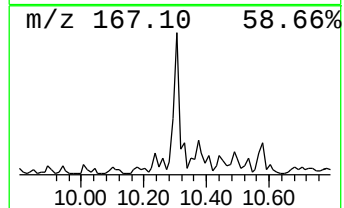
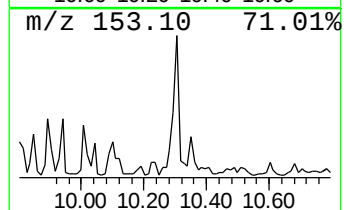
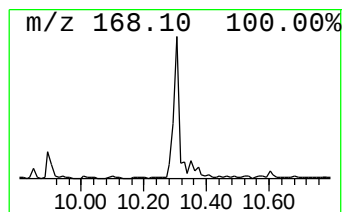
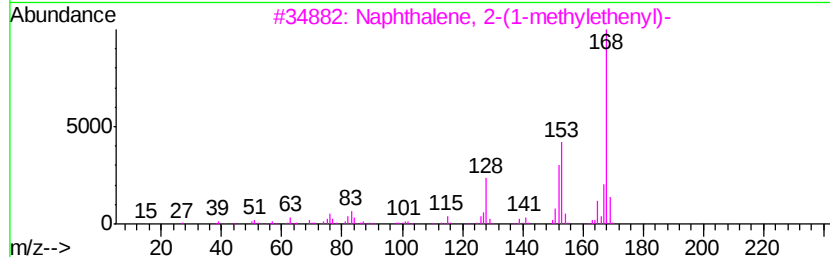
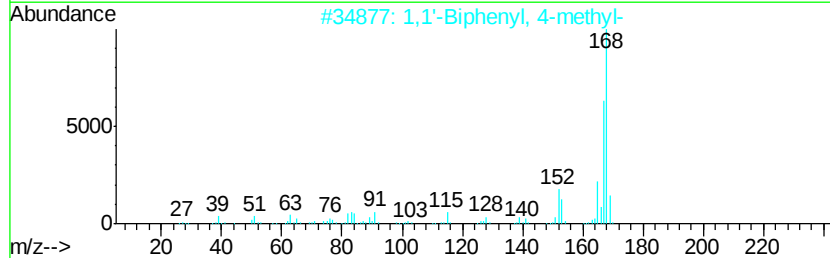
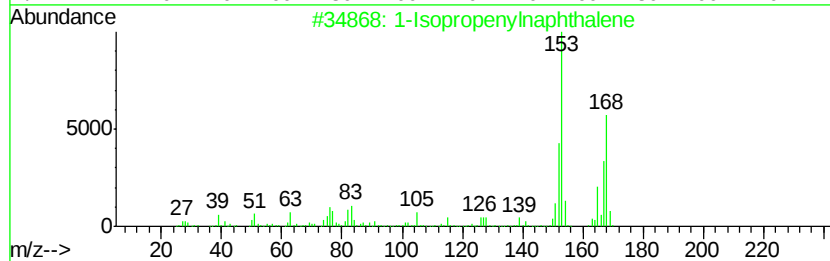
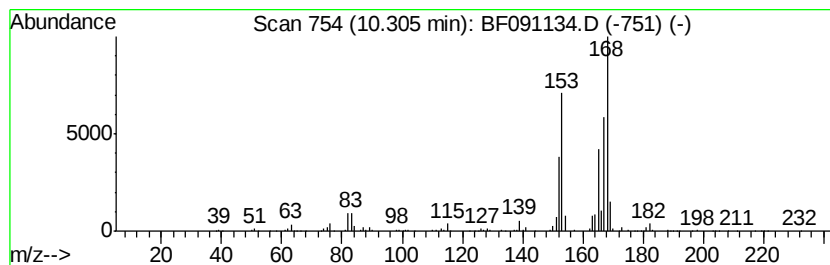
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	13.44 ng	1638560	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-104

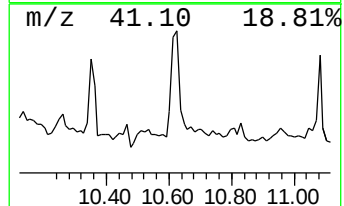
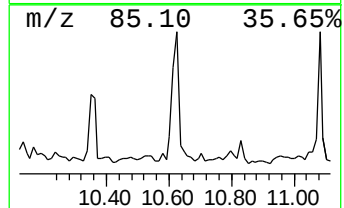
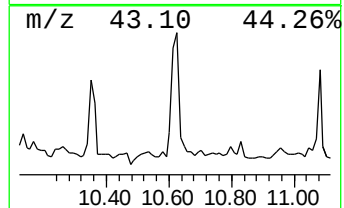
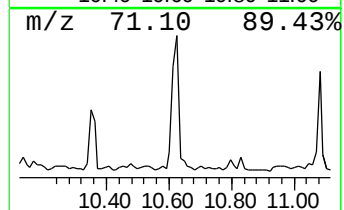
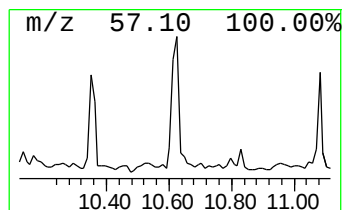
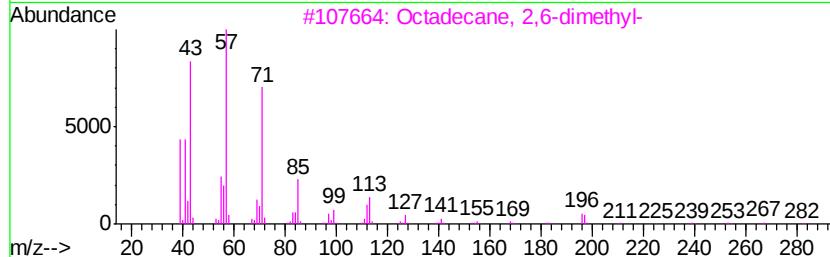
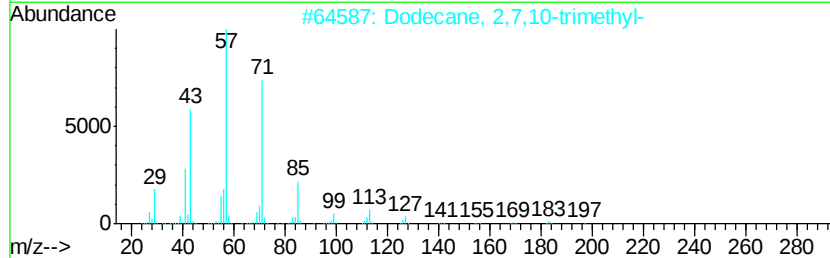
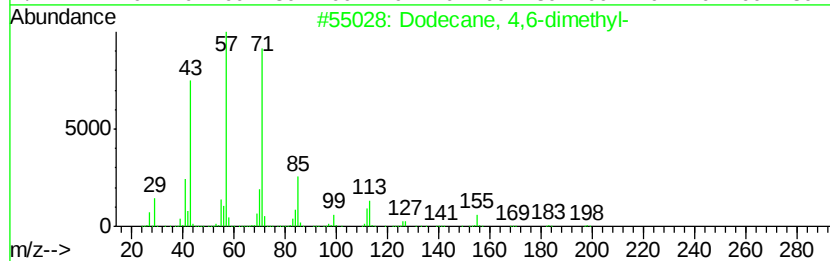
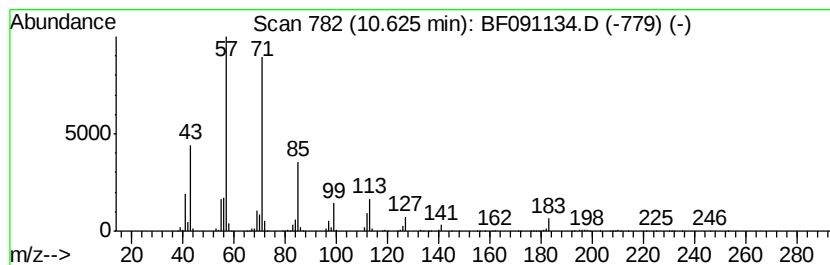
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 4,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	15.78 ng	1273640	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-104

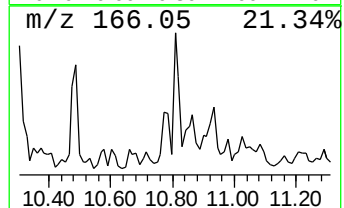
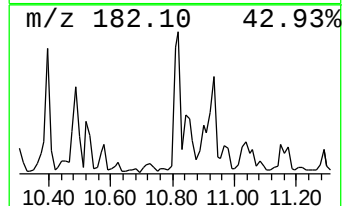
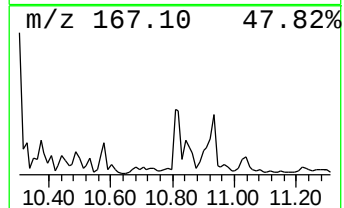
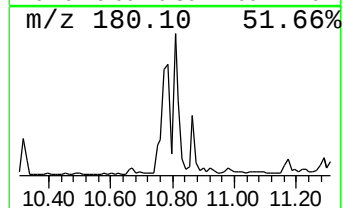
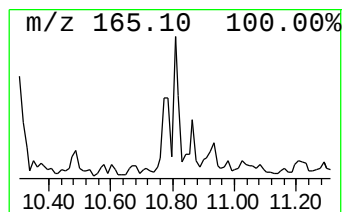
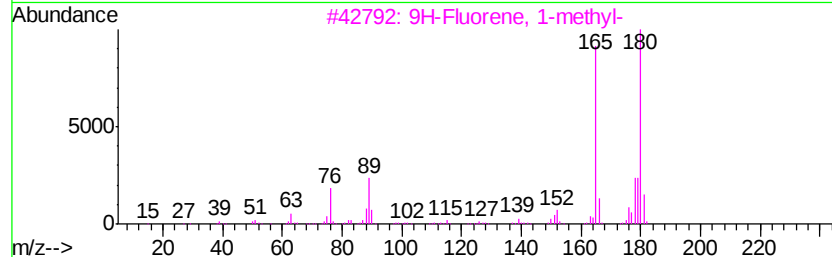
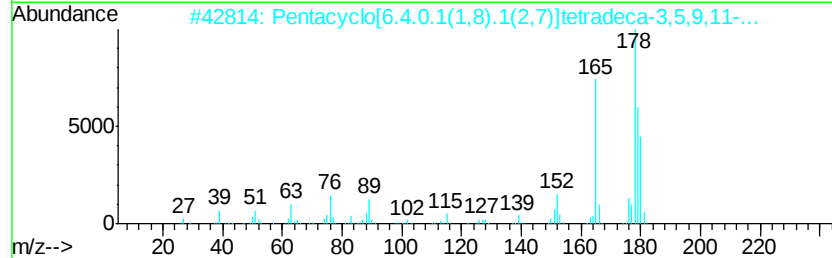
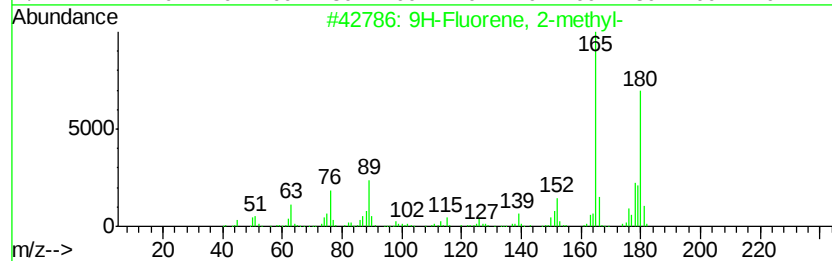
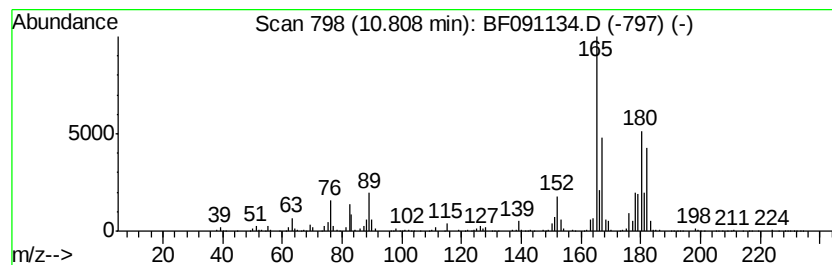
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	10.32 ng	833202	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2		Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	60
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091134.D
Acq On : 9 Nov 2016 19:50
Operator : UM/SJ
Sample : H5582-01
Misc :
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Instrument :
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ClientSampleId :
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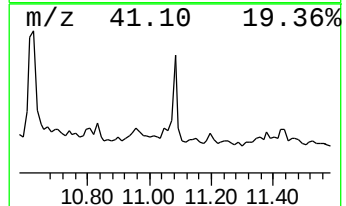
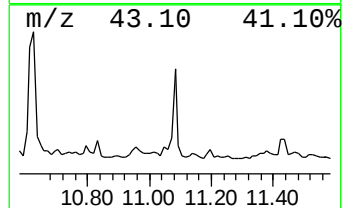
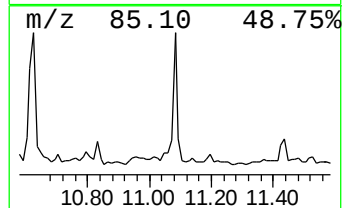
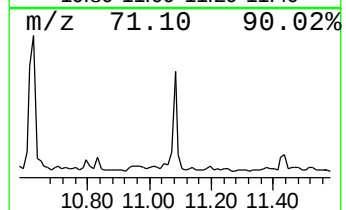
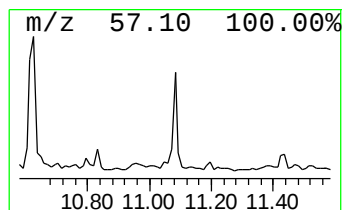
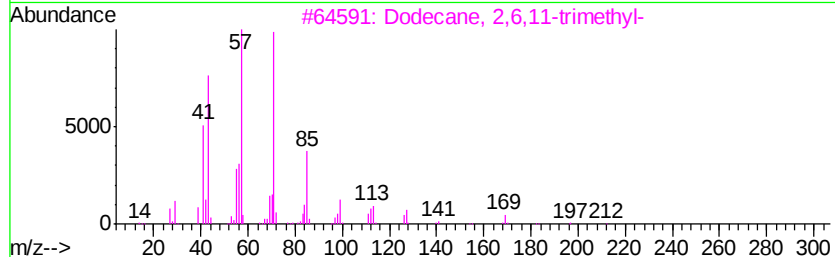
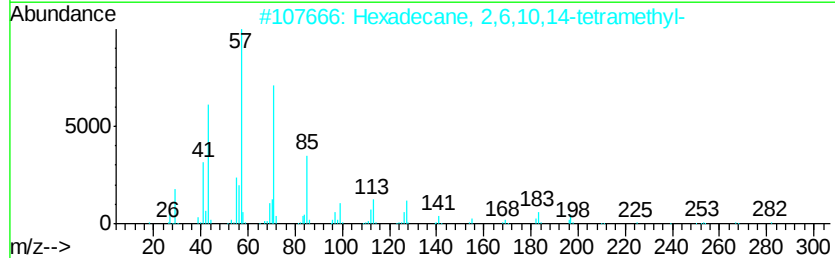
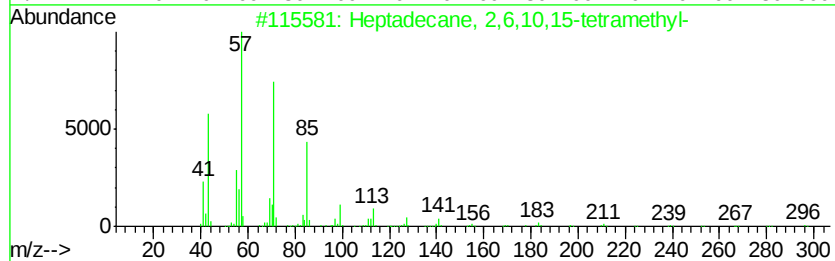
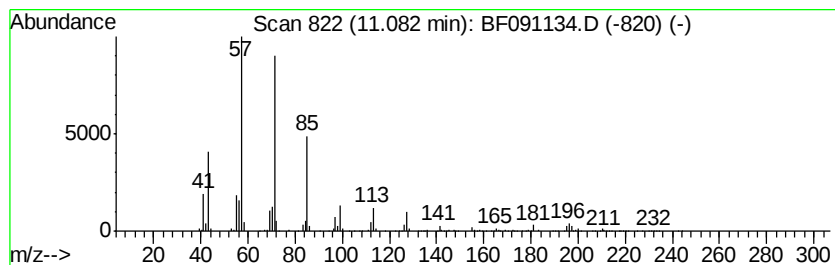
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	9.39 ng	758222	Phenanthrene-d10	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091134.D
 Acq On : 9 Nov 2016 19:50
 Operator : UM/SJ
 Sample : H5582-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, 1,2,...	8.60	10.1	ng	1384780	2	7.94	2751610	20.0
Naphthalene, 1-me...	8.75	22.6	ng	3110950	2	7.94	2751610	20.0
Naphthalene, 1,2,...	9.17	12.6	ng	1537750	3	9.69	2438660	20.0
Naphthalene, 2-et...	9.22	10.4	ng	1264010	3	9.69	2438660	20.0
Naphthalene, 1,6-...	9.28	24.7	ng	3013400	3	9.69	2438660	20.0
Naphthalene, 2,3-...	9.36	29.5	ng	3600140	3	9.69	2438660	20.0
1-Nonene, 4,6,8-t...	9.42	10.3	ng	1255140	3	9.69	2438660	20.0
Naphthalene, 1,4,...	9.80	10.2	ng	1247500	3	9.69	2438660	20.0
Naphthalene, 1,6,...	9.89	14.3	ng	1740990	3	9.69	2438660	20.0
Naphthalene, 2,3,...	9.94	9.0	ng	1096330	3	9.69	2438660	20.0
1-Isopropenylnaph...	10.30	13.4	ng	1638560	3	9.69	2438660	20.0
Dodecane, 4,6-dim...	10.62	15.8	ng	1273640	4	11.17	1614450	20.0
9H-Fluorene, 2-me...	10.81	10.3	ng	833202	4	11.17	1614450	20.0
Heptadecane, 2,6,...	11.08	9.4	ng	758222	4	11.17	1614450	20.0