

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091695.D
 Acq On : 17 Dec 2016 1:35
 Operator : UM/SJ
 Sample : H6125-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16

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-BF120916.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	3.950	157	163	165	rBV2	248029	498634	1.12%	0.082%
2	4.316	192	195	201	rVB2	283732	535261	1.20%	0.088%
3	4.773	231	235	237	rBV	632087	818518	1.84%	0.134%
4	4.864	237	243	247	rBV3	1098191	2242000	5.03%	0.368%
5	4.933	247	249	252	rBV2	2377574	3956970	8.87%	0.649%
6	5.150	265	268	270	rBV	1902475	2380250	5.34%	0.390%
7	5.321	280	283	285	rBV2	489346	728967	1.63%	0.120%
8	5.379	285	288	291	rVB	5139513	5399356	12.11%	0.885%
9	5.436	291	293	296	rBV2	637932	846716	1.90%	0.139%
10	5.527	299	301	303	rBV	1334135	1915956	4.30%	0.314%
11	5.573	303	305	307	rVB	1954921	2018633	4.53%	0.331%
12	5.607	307	308	313	rVB2	1232116	2493355	5.59%	0.409%
13	5.687	313	315	317	rBV	560983	636761	1.43%	0.104%
14	5.779	319	323	326	rBV2	2365016	4646372	10.42%	0.762%
15	5.847	326	329	333	rBV3	1191650	3215054	7.21%	0.527%
16	5.927	333	336	339	rBV2	3884426	5330013	11.95%	0.874%
17	5.984	339	341	343	rBV2	1408489	2652996	5.95%	0.435%
18	6.030	343	345	348	rBV2	7223610	11993860	26.89%	1.966%
19	6.087	348	350	351	rBV	2932311	3041320	6.82%	0.499%
20	6.224	359	362	367	rBV3	4523885	10747084	24.10%	1.762%
21	6.316	367	370	375	rVV4	3399109	9998060	22.42%	1.639%
22	6.430	375	380	384	rBV4	6127302	15146637	33.96%	2.483%
23	6.487	384	385	386	rVV	1271012	931429	2.09%	0.153%
24	6.556	386	391	395	rVV3	6651353	19970109	44.78%	3.274%
25	6.613	395	396	397	rVV	1649382	1898234	4.26%	0.311%
26	6.647	397	399	403	rVB2	2085264	3285925	7.37%	0.539%
27	6.819	403	414	421	rBV5	6873199	44598905	100.00%	7.312%
28	6.956	422	426	431	rVB3	7378920	23466467	52.62%	3.847%
29	7.070	431	436	439	rBV2	3882283	12132410	27.20%	1.989%
30	7.127	439	441	442	rBV	1110554	1278698	2.87%	0.210%
31	7.196	444	447	452	rVV3	4811900	12810232	28.72%	2.100%
32	7.356	457	461	467	rVV6	5197716	19259240	43.18%	3.158%
33	7.459	467	470	473	rVV3	4082693	9694926	21.74%	1.590%
34	7.733	490	494	499	rBV5	5371193	17156830	38.47%	2.813%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.419	551	554	558	rVB2	4135008	10256369	23.00%	1.682%
36	8.567	563	567	571	rBV	6044711	15108307	33.88%	2.477%
37	9.162	615	619	623	rVB2	6694163	15661516	35.12%	2.568%
38	9.276	627	629	632	rBV2	2470494	5346513	11.99%	0.877%
39	9.505	647	649	651	rBV2	1891601	3910888	8.77%	0.641%
40	9.608	655	658	661	rVB2	5660826	12667033	28.40%	2.077%
41	9.779	671	673	675	rVB3	2425671	3339186	7.49%	0.547%
42	9.962	688	689	691	rVB2	3734604	4112609	9.22%	0.674%
43	10.008	691	693	696	rVV3	2258628	6255724	14.03%	1.026%
44	10.053	696	697	700	rVV2	4312519	5792971	12.99%	0.950%
45	10.111	700	702	705	rVV4	4349745	7757351	17.39%	1.272%
46	10.168	705	707	709	rVV3	2463842	3753070	8.42%	0.615%
47	10.259	713	715	717	rBV2	2866660	4406192	9.88%	0.722%
48	10.305	717	719	720	rVV2	1817969	2330594	5.23%	0.382%
49	10.385	724	726	730	rBV3	2522084	5435070	12.19%	0.891%
50	10.499	733	736	738	rVB	6679083	7827529	17.55%	1.283%
51	10.659	748	750	753	rVB4	1227089	2666777	5.98%	0.437%
52	10.762	756	759	763	rVB2	7913724	11917345	26.72%	1.954%
53	10.865	766	768	769	rVB2	1207708	1051719	2.36%	0.172%
54	10.922	771	773	774	rVB	3329259	4149699	9.30%	0.680%
55	10.968	774	777	778	rBV3	897871	1545704	3.47%	0.253%
56	11.025	780	782	785	rVB4	1242543	2018436	4.53%	0.331%
57	11.105	785	789	791	rBV2	7131755	12333870	27.66%	2.022%
58	11.162	792	794	795	rBV	1942465	1635126	3.67%	0.268%
59	11.231	798	800	801	rBV2	1122541	1754315	3.93%	0.288%
60	11.276	801	804	807	rVB2	5748699	12474054	27.97%	2.045%
61	11.413	815	816	818	rBV2	2099845	2532789	5.68%	0.415%
62	11.471	818	821	822	rBV2	2049999	4590110	10.29%	0.753%
63	11.551	825	828	829	rBV3	2507013	4470173	10.02%	0.733%
64	11.596	829	832	834	rBV3	4358403	10377804	23.27%	1.702%
65	11.756	842	846	851	rBV3	4540918	13984396	31.36%	2.293%
66	11.848	851	854	856	rBV	3652098	7694934	17.25%	1.262%
67	12.236	886	888	891	rVB3	4418605	10053352	22.54%	1.648%
68	12.419	899	904	908	rBV3	6939977	25850555	57.96%	4.238%
69	12.499	908	911	913	rVB	4770939	8641880	19.38%	1.417%
70	12.614	918	921	924	rVB3	4491362	10345811	23.20%	1.696%
71	12.682	924	927	932	rBV3	4941952	13165291	29.52%	2.159%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	12.945	945	950	956	rVB5	7897966	30367576	68.09%	4.979%
73	13.094	959	963	966	rVB2	4924724	11371713	25.50%	1.864%
74	13.219	972	974	975	rBV	3067419	3976206	8.92%	0.652%
75	13.288	978	980	981	rVV	2443883	2797708	6.27%	0.459%
76	13.322	981	983	988	rVV5	2152358	5247243	11.77%	0.860%
77	13.402	988	990	991	rVV	3642653	4678099	10.49%	0.767%
78	13.437	991	993	994	rVV	2144510	2964027	6.65%	0.486%
79	13.517	997	1000	1001	rVB3	2220045	2952874	6.62%	0.484%
80	13.574	1003	1005	1007	rBV	3201207	4939035	11.07%	0.810%
81	13.631	1008	1010	1011	rBV	1113103	963254	2.16%	0.158%
82	13.905	1032	1034	1036	rBV3	871087	1064567	2.39%	0.175%
83	14.442	1079	1081	1082	rVB	1316433	1152050	2.58%	0.189%
84	15.357	1159	1161	1164	rVB	716343	1214537	2.72%	0.199%
85	16.351	1246	1248	1255	rVB2	471619	1288863	2.89%	0.211%

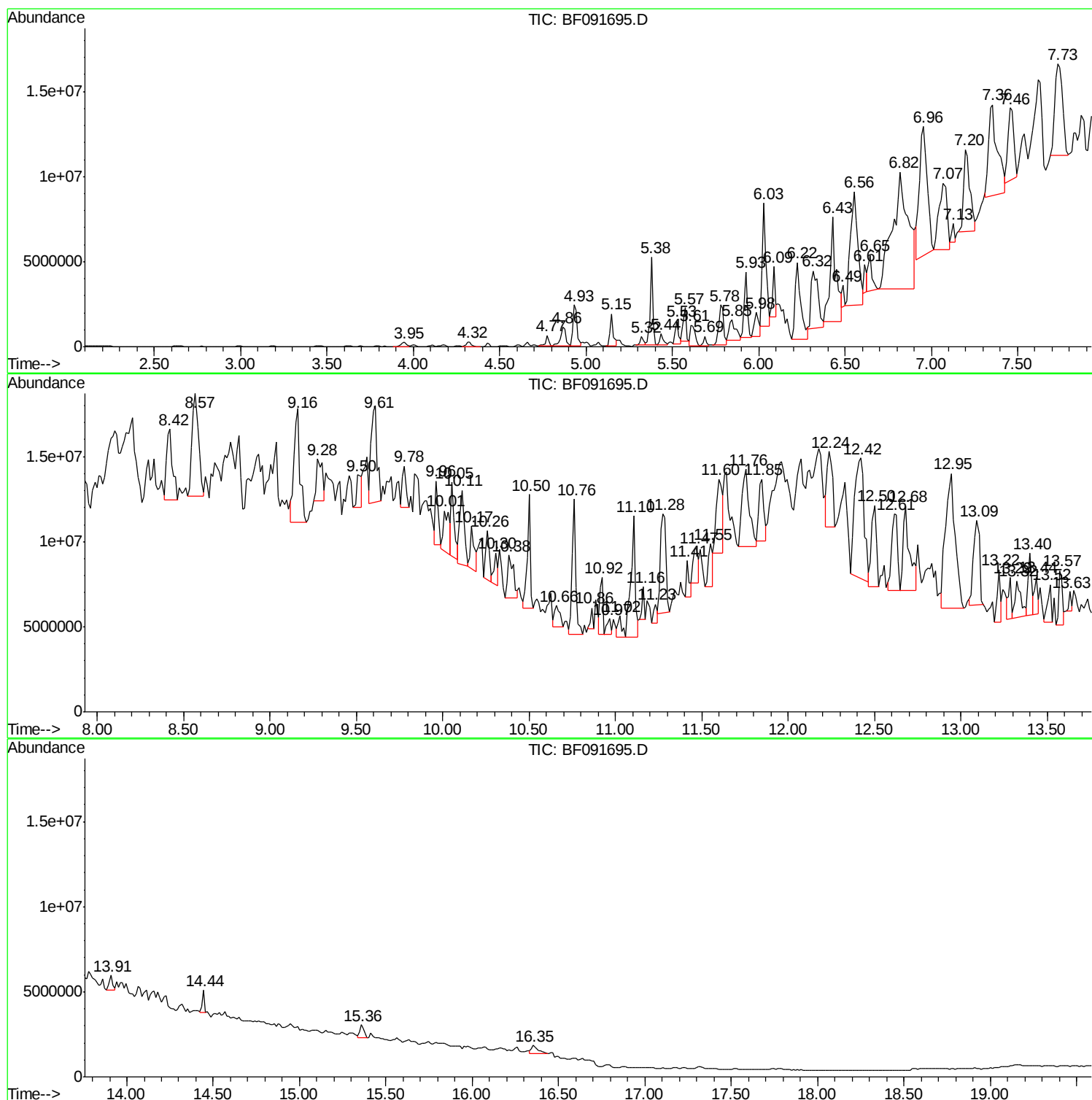
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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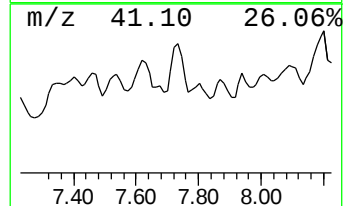
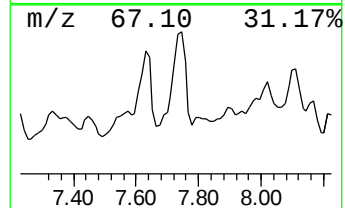
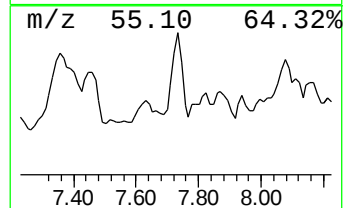
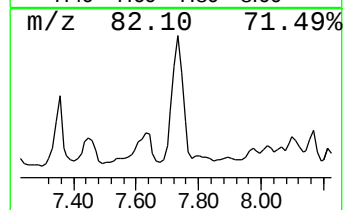
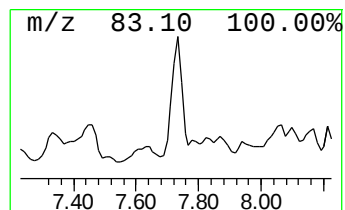
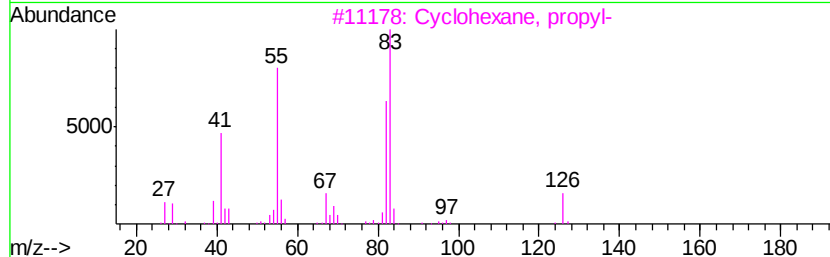
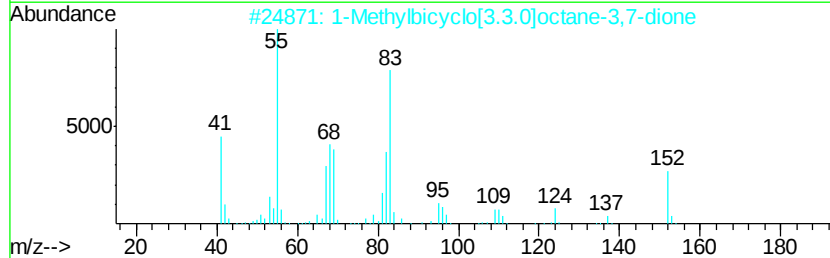
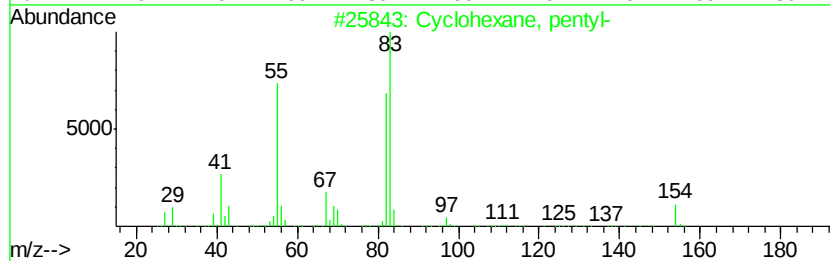
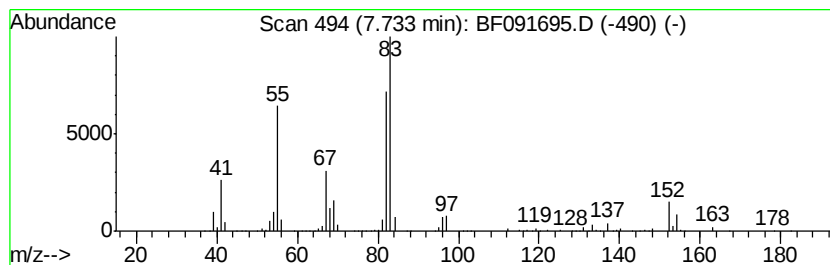
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	33.46 ng	17156800	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2		1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
5		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	64



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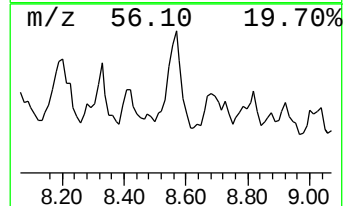
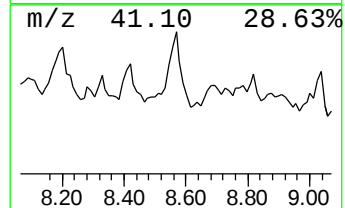
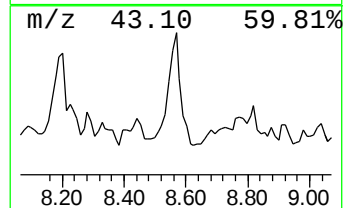
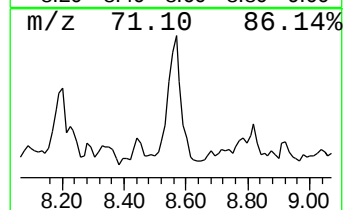
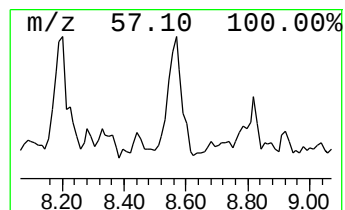
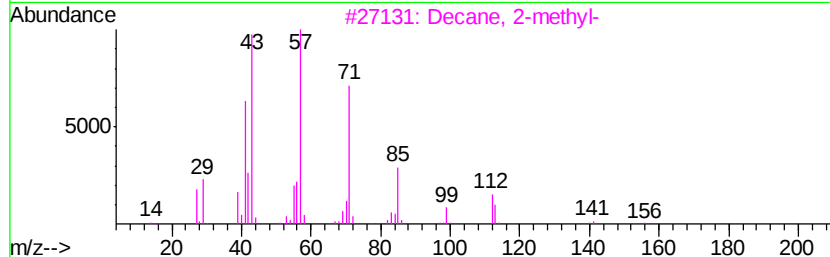
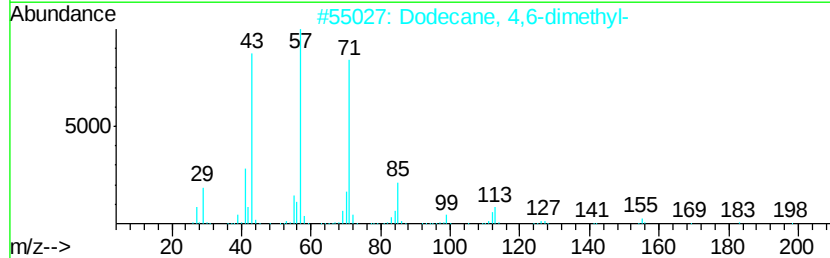
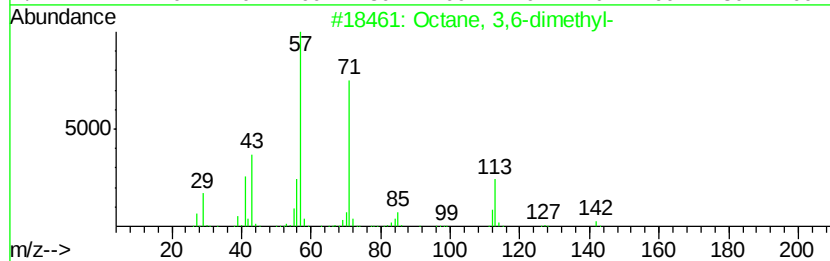
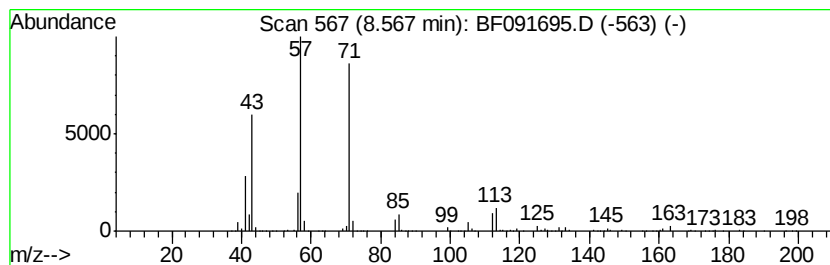
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	29.46 ng	15108300	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
3		Decane, 2-methyl-	156	C11H24	006975-98-0	78
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	78



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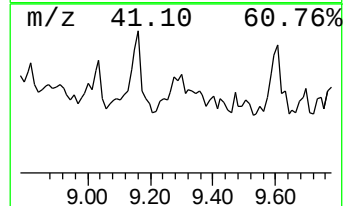
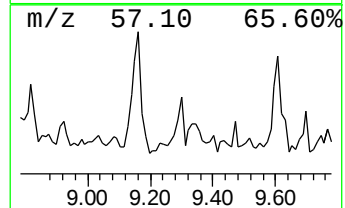
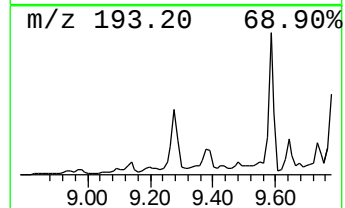
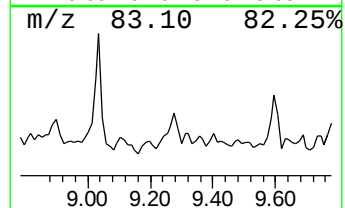
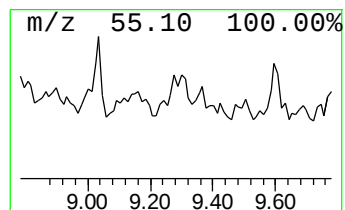
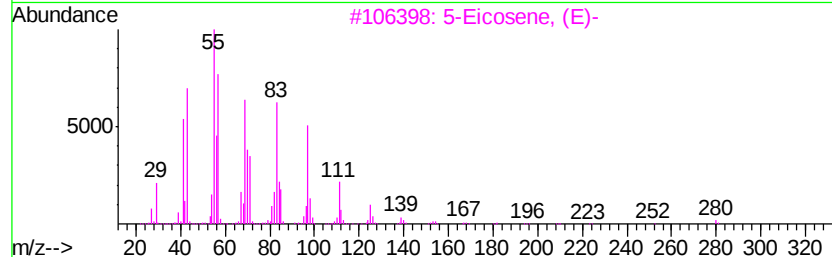
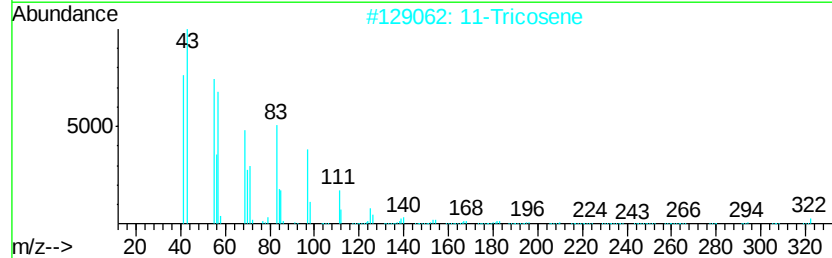
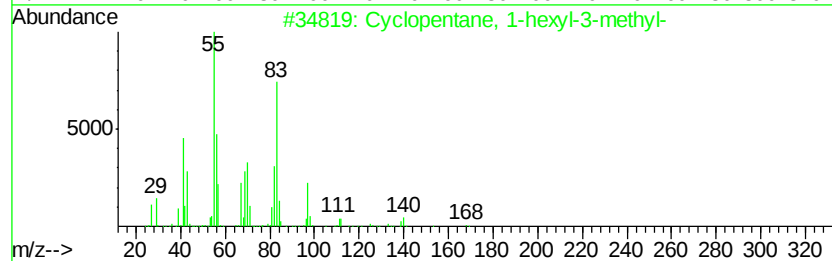
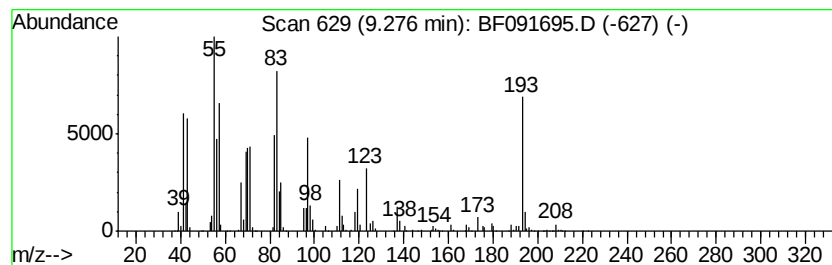
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, 1-hexyl-3-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	32.02 ng	5346510	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-hexyl-3-methyl-	168 C12H24	061142-68-5 50
2		11-Tricosene	322 C23H46	052078-56-5 46
3		5-Eicosene, (E)-	280 C20H40	074685-30-6 38
4		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 38
5		1-Docosene	308 C22H44	001599-67-3 38



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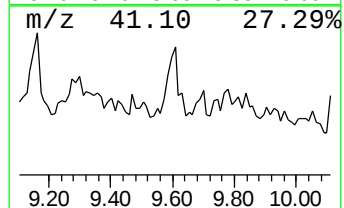
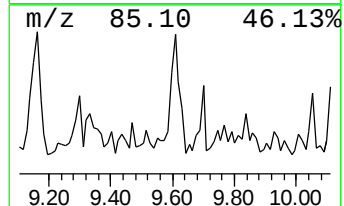
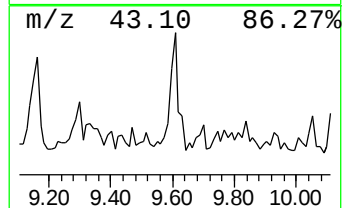
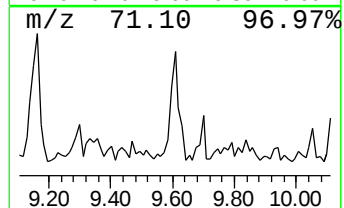
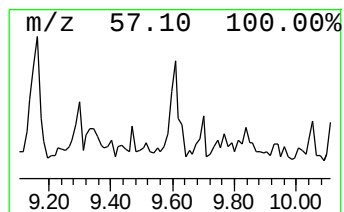
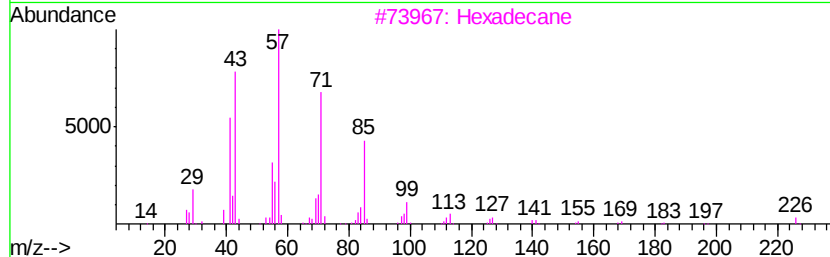
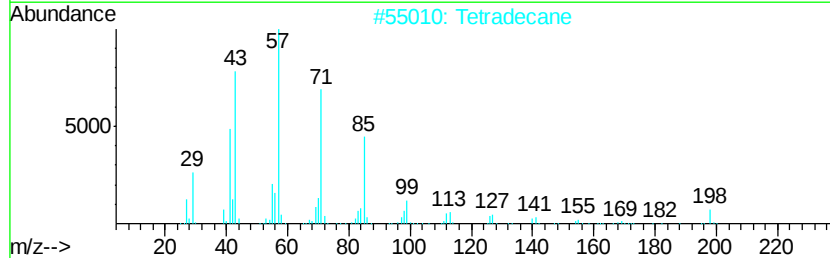
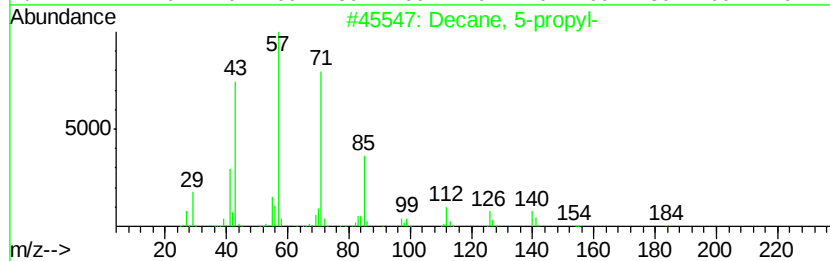
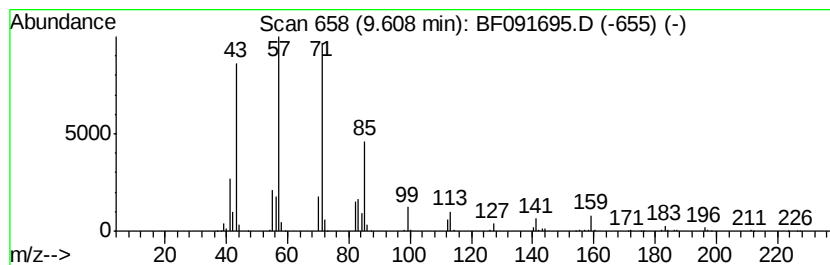
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	75.87 ng	12667000	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	78
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	70
5		Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

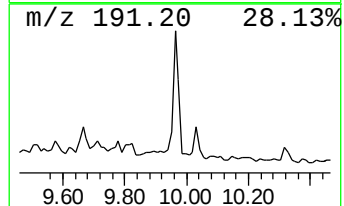
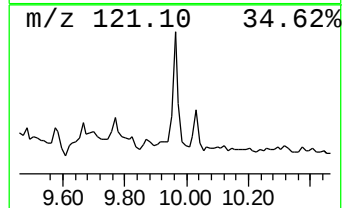
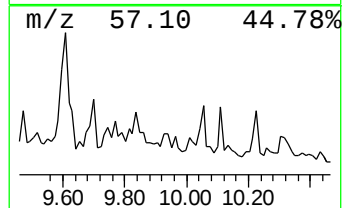
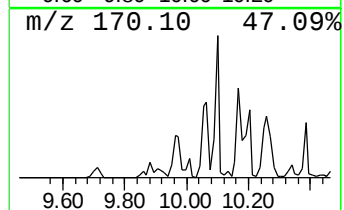
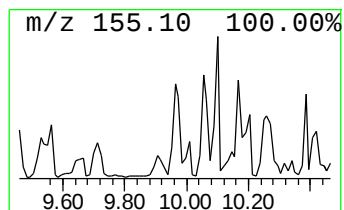
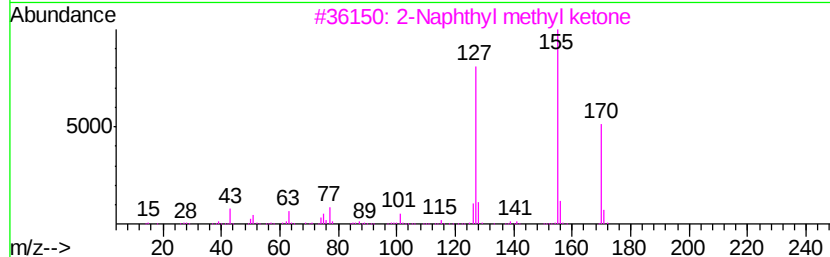
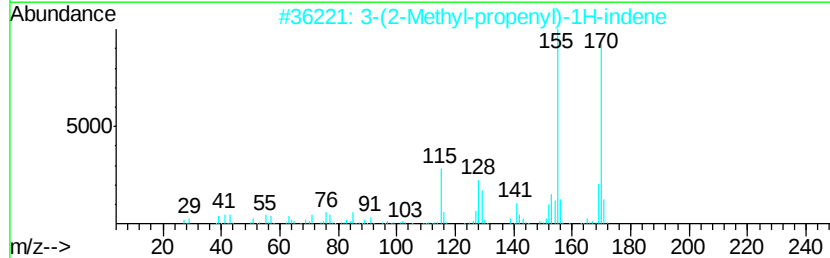
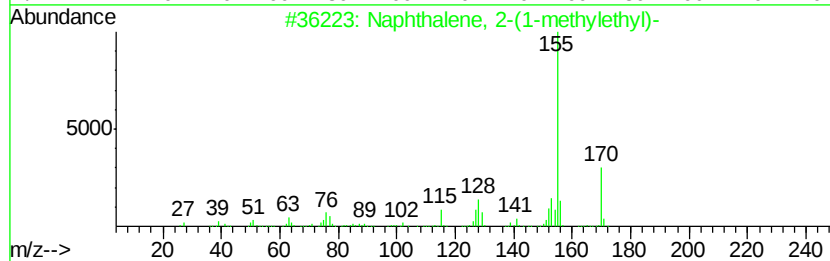
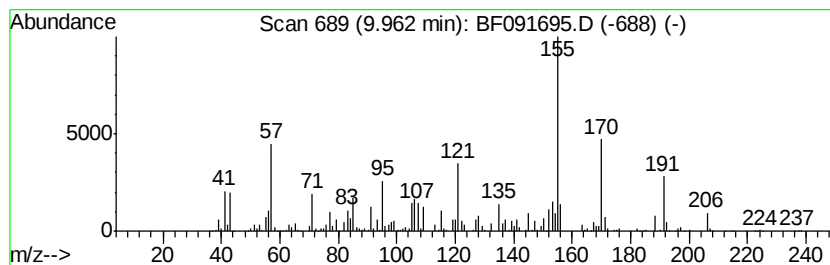
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	24.63 ng	4112610	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	70
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	53
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-45(10-12)-12-14-16

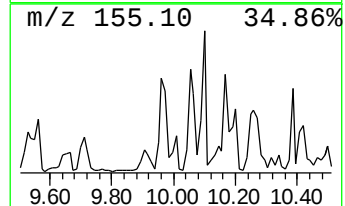
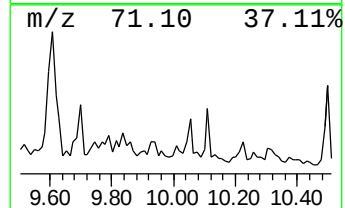
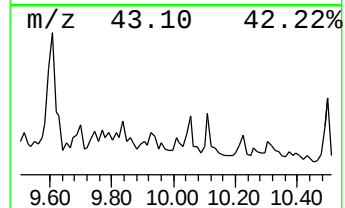
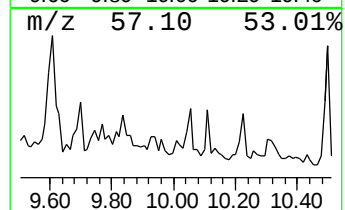
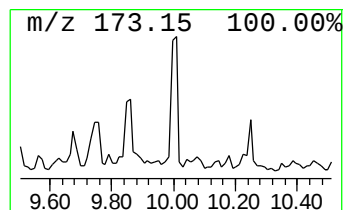
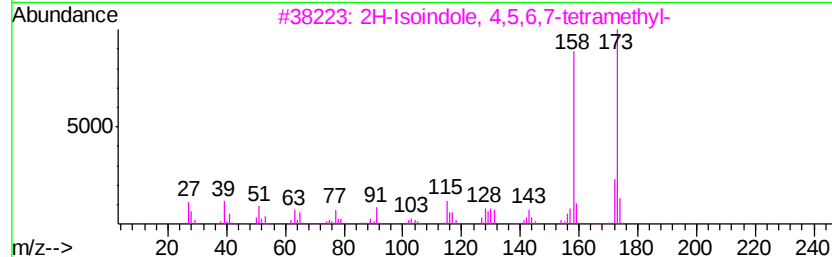
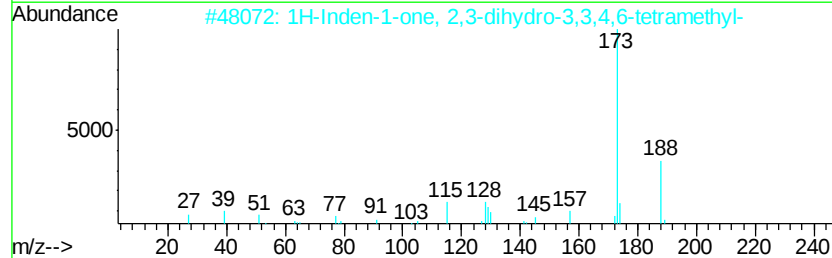
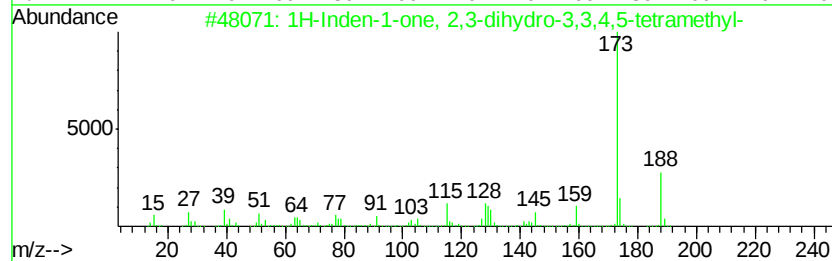
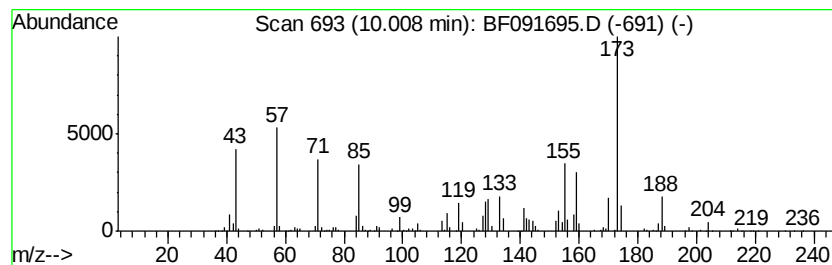
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	37.47 ng	6255720	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	49
2		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	055255-42-0	43
3		2H-Isoindole, 4,5,6,7-tetramethyl-	173	C12H15N	070187-61-0	43
4		3'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000349-76-8	38
5		1H-Pyrazol-5-amine, 3-methyl-1-p...	173	C10H11N3	001131-18-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

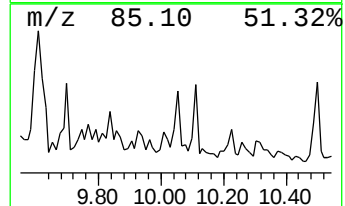
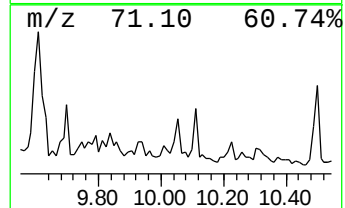
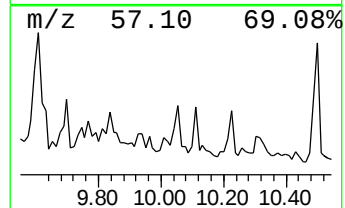
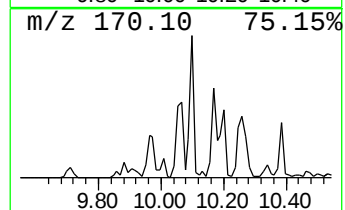
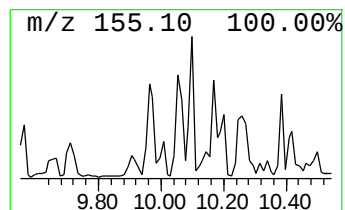
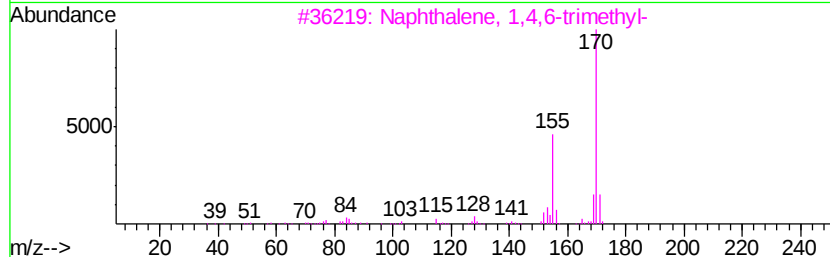
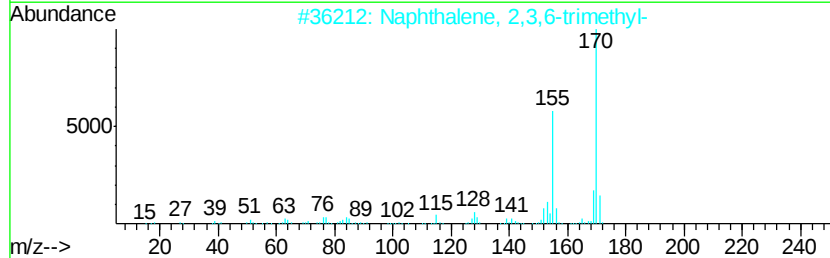
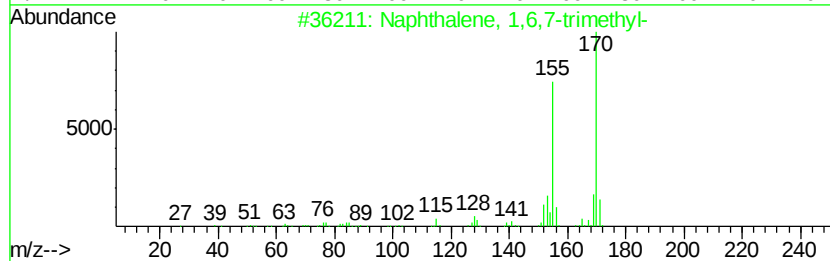
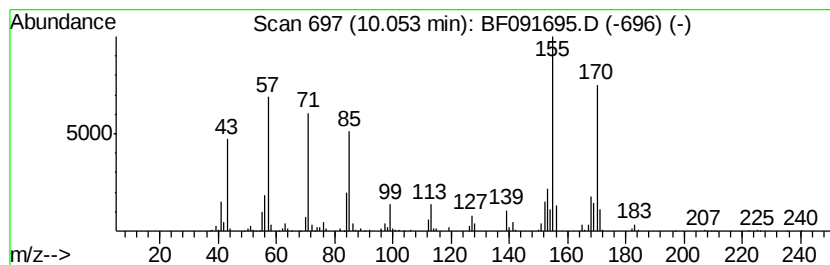
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ClientSampleId :
SB-45(10-12)-12-14-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.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, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.05	34.70 ng	5792970	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	58
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

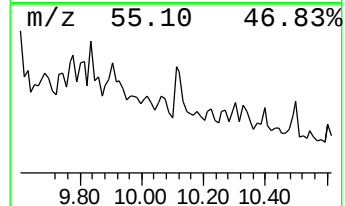
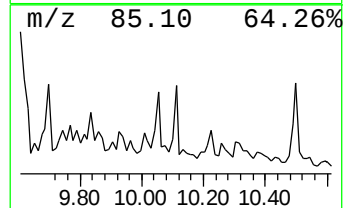
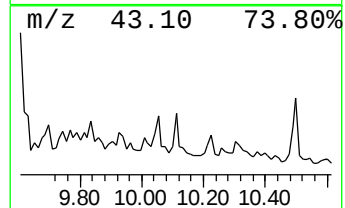
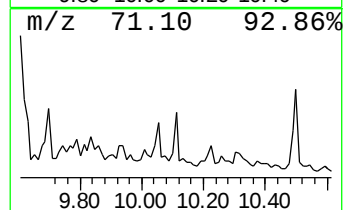
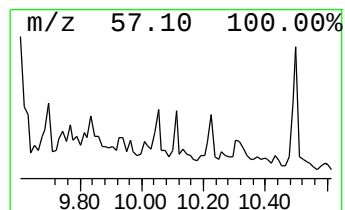
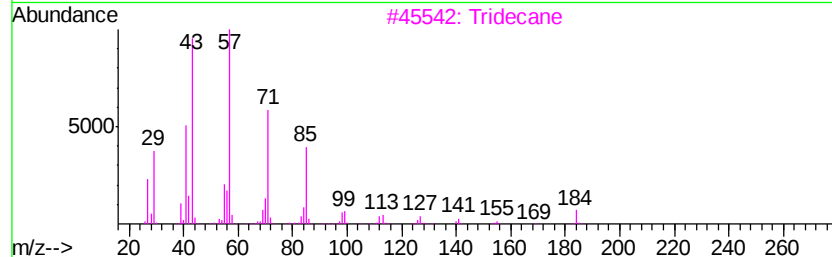
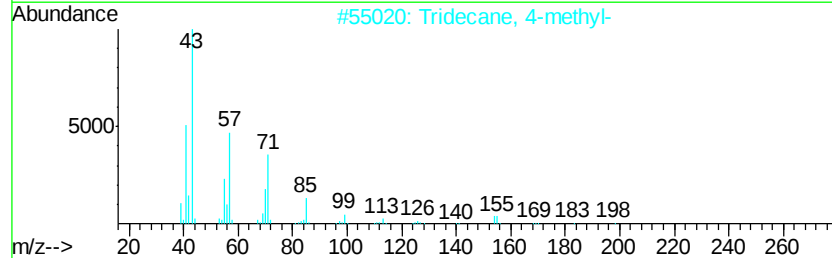
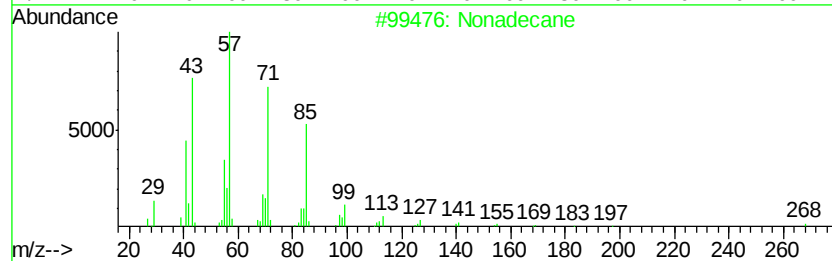
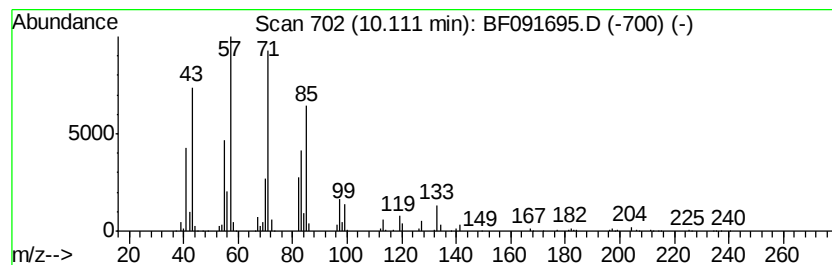
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ClientSampleId :
SB-45(10-12)-12-14-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.11	46.46 ng	7757350	Acenaphthene-d10		9.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	58
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	55
3		Tridecane	184	C13H28	000629-50-5	53
4		Tetradecane	198	C14H30	000629-59-4	50
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

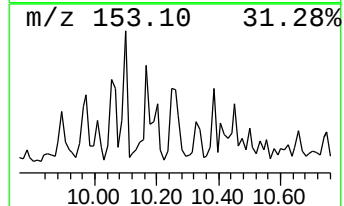
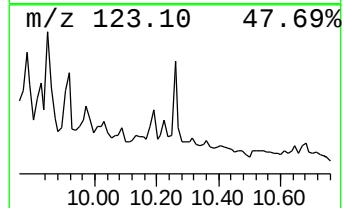
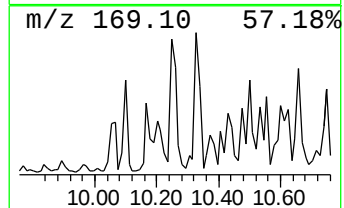
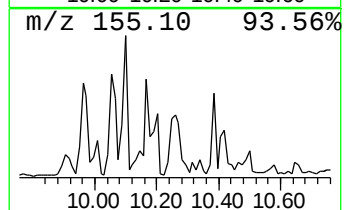
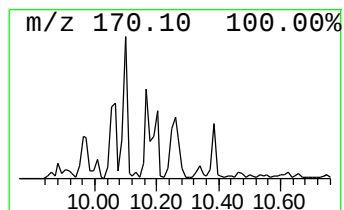
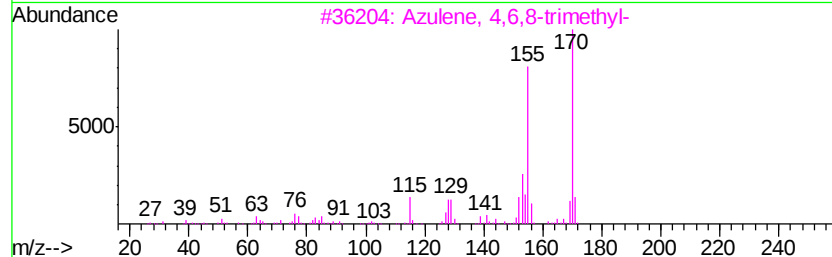
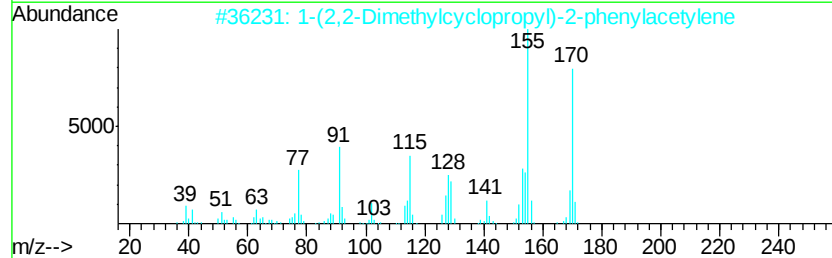
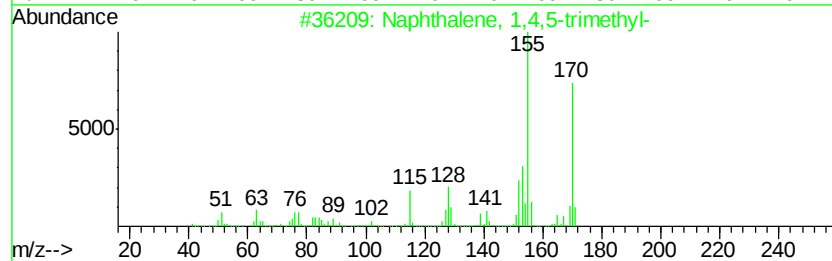
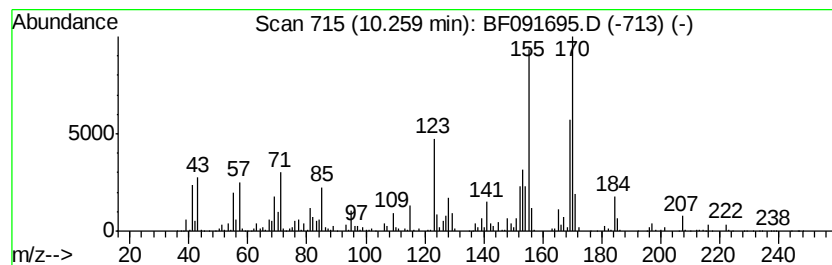
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	26.39 ng	4406190	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 90
2		1-(2,2-Dimethylcyclopropyl)-2-ph...	170 C13H14	1000294-91-1 70
3		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 64
4		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 64
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

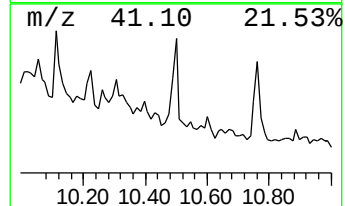
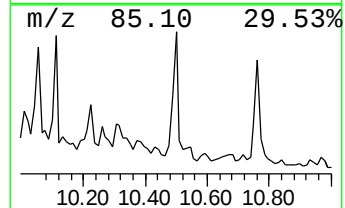
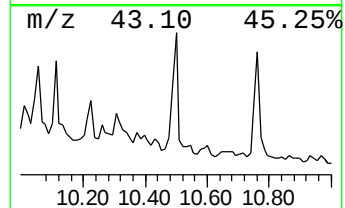
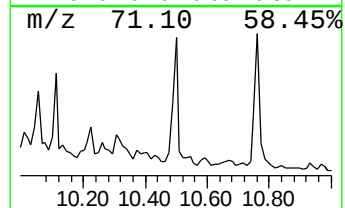
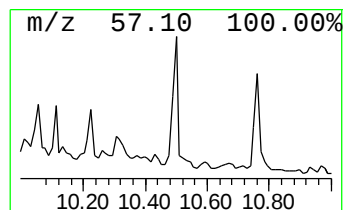
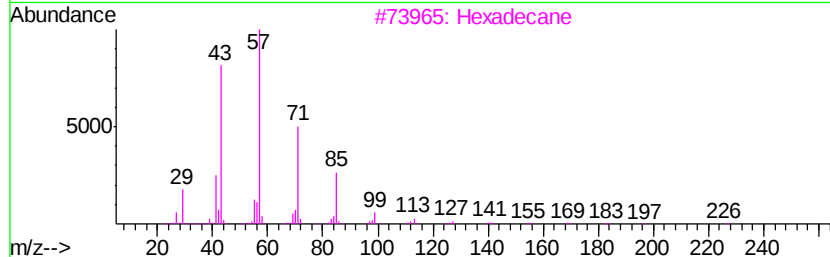
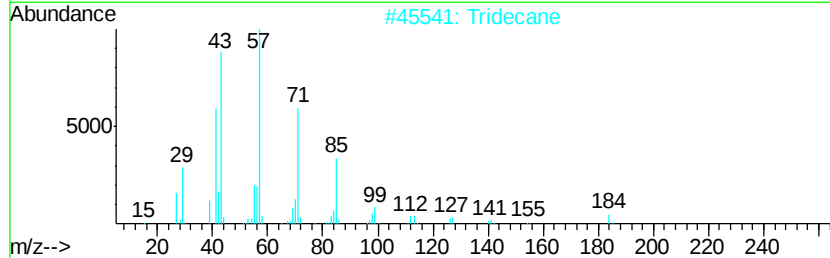
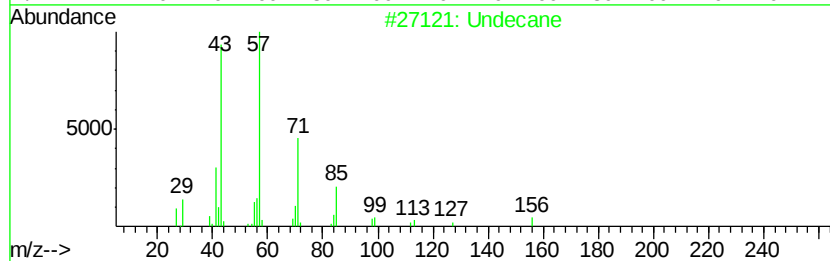
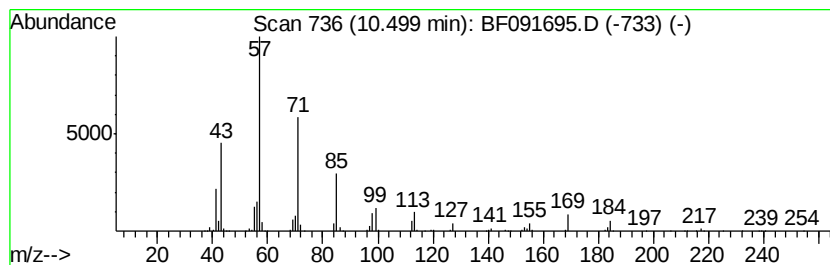
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	46.88 ng	7827530	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	83
2	Tridecane	184 C13H28	000629-50-5	80
3	Hexadecane	226 C16H34	000544-76-3	58
4	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	58
5	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

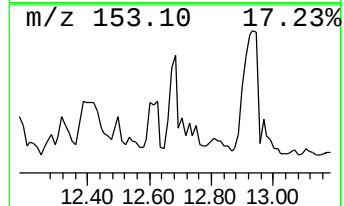
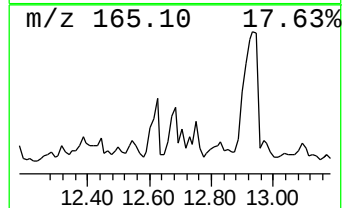
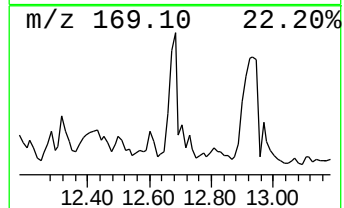
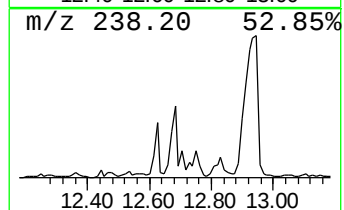
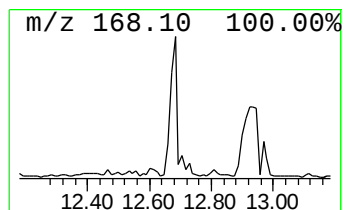
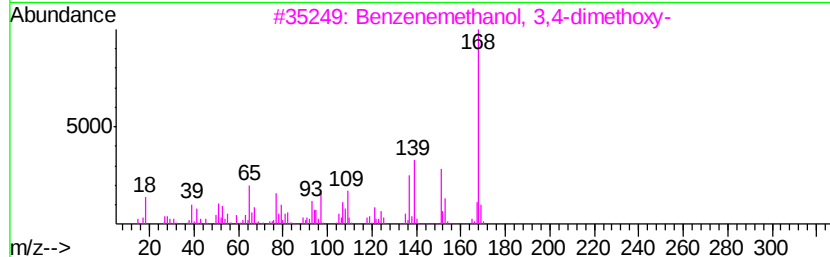
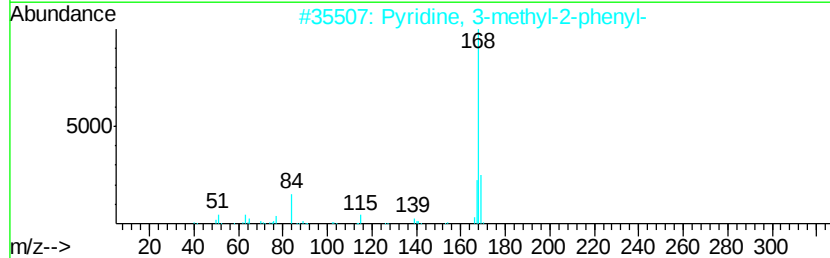
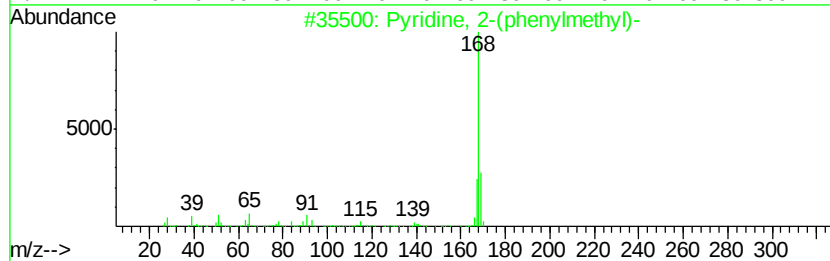
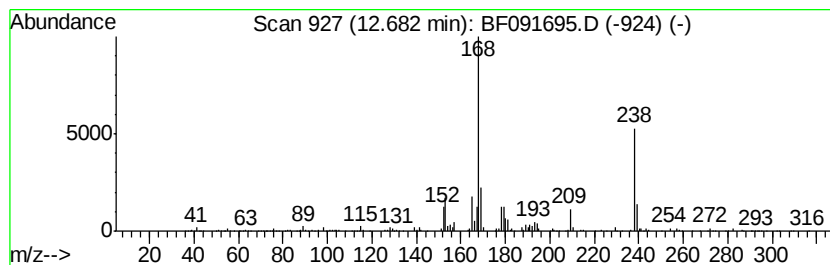
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	247.34 ng	13165300	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
2		Pyridine, 3-methyl-2-phenyl-	169	C12H11N	010273-90-2	35
3		Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	35
4		syn-Tricyclo[8.4.1.1(4,9)]hexade...	238	C16H14O2	1000158-32-8	35
5		Quinoline-3-carbonitrile, 4-meth...	238	C14H14N4	209617-35-6	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16

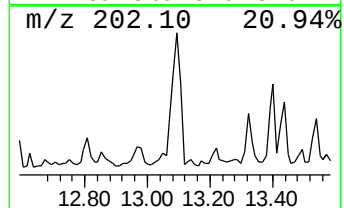
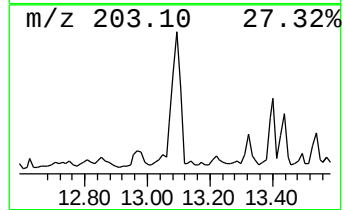
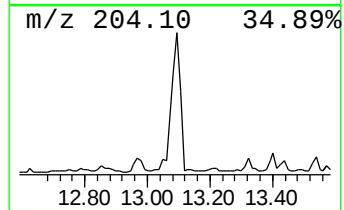
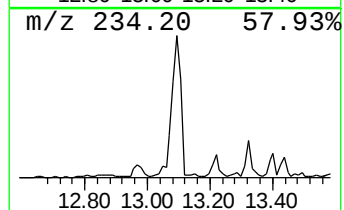
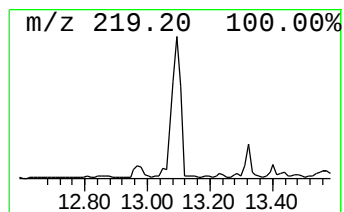
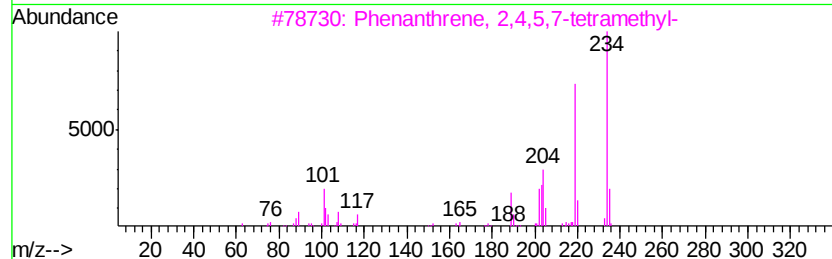
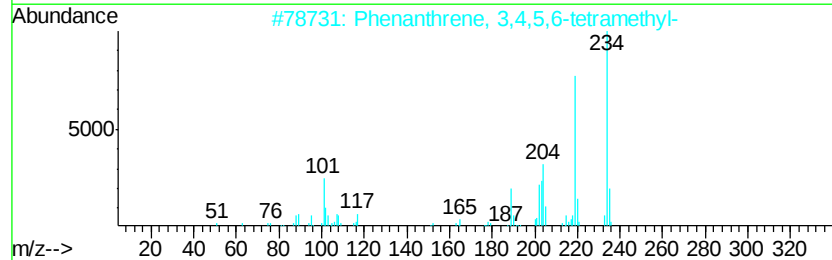
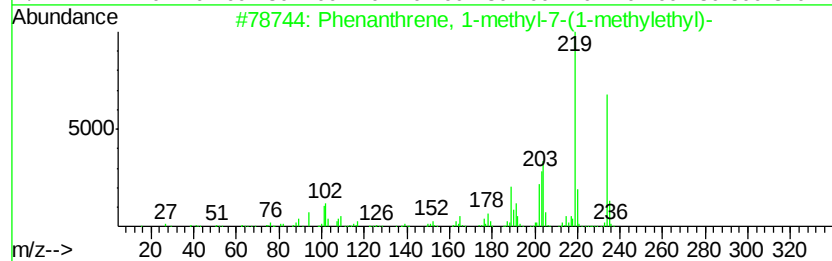
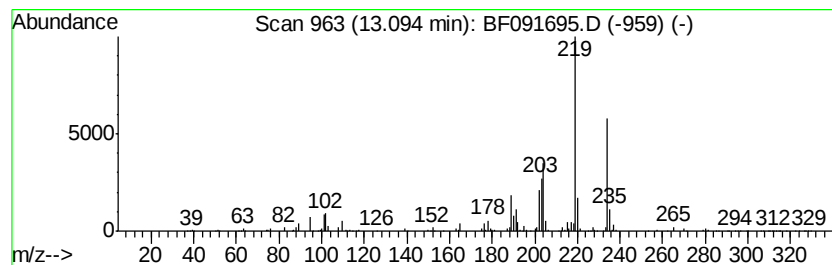
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl-7-(1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	213.64 ng	11371700	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	68
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	60
5		Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-45(10-12)-12-14-16

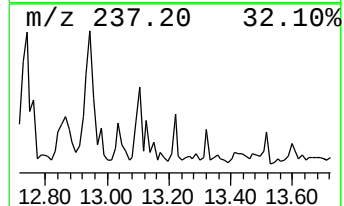
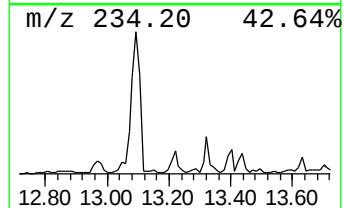
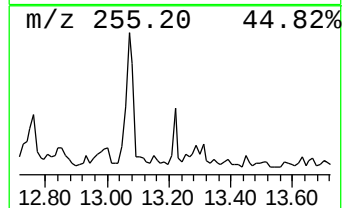
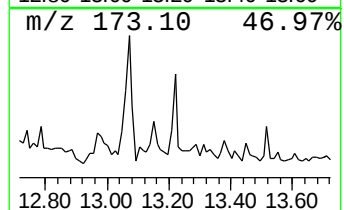
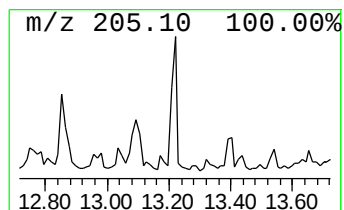
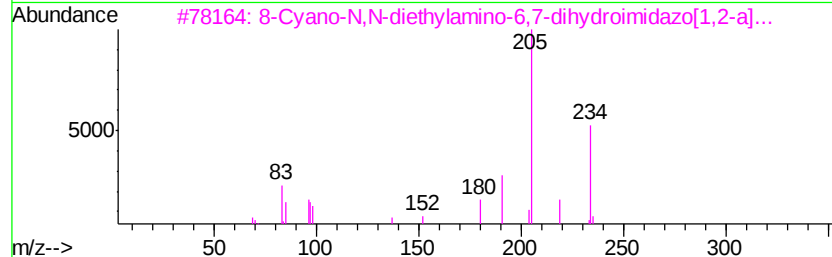
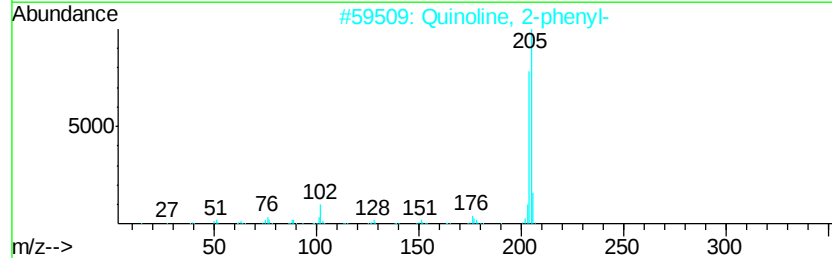
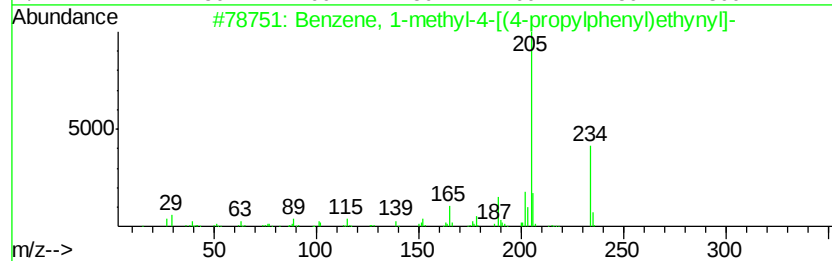
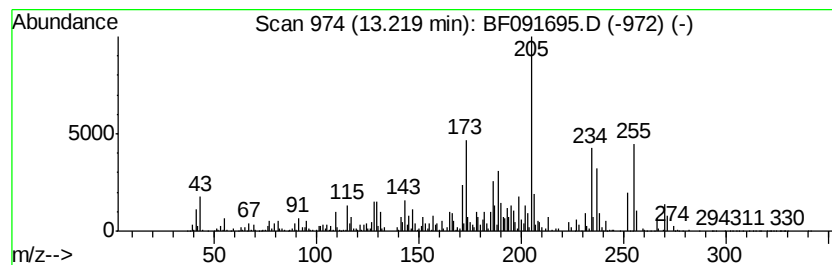
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.22 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	74.70 ng	3976210	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-[(4-propylph...	234	C18H18	184161-94-2	46
2		Quinoline, 2-phenyl-	205	C15H11N	000612-96-4	18
3		8-Cyano-N,N-diethylamino-6,7-dih...	234	C10H14N6O	077455-12-0	16
4		4-Phenylisoquinoline	205	C15H11N	019571-30-3	14
5		7-Phenylisoquinoline	205	C15H11N	070125-65-4	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-45(10-12)-12-14-16

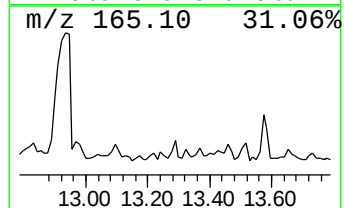
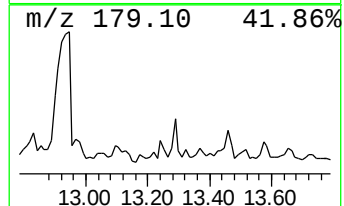
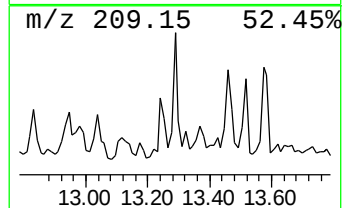
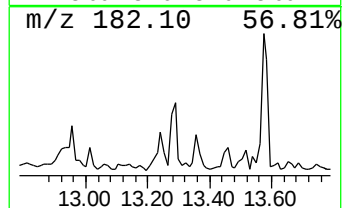
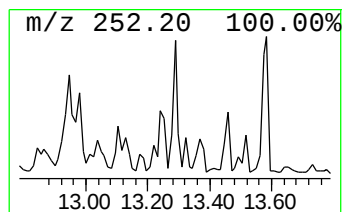
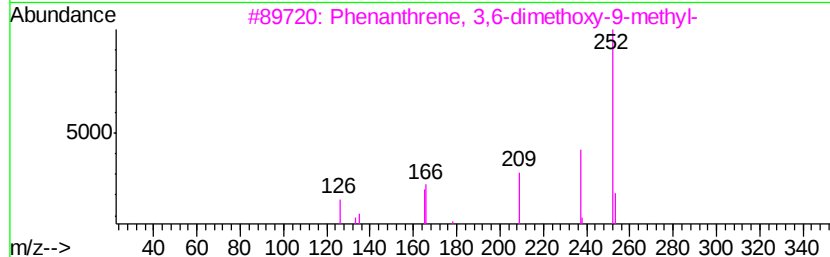
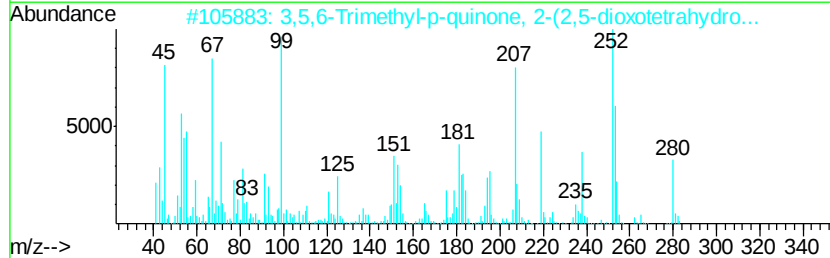
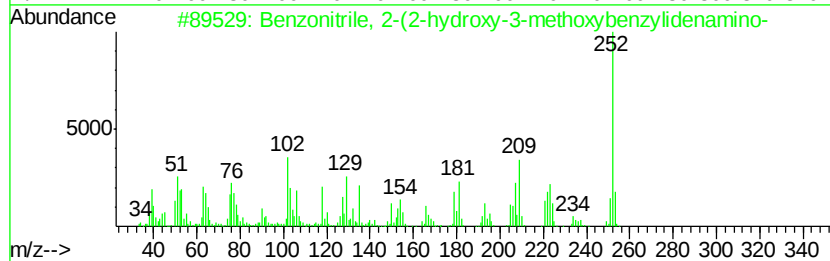
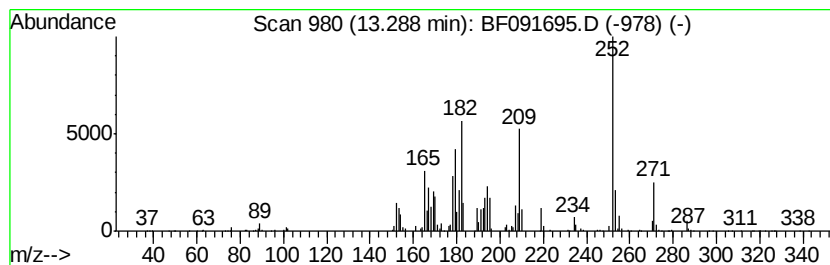
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.29 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	52.56 ng	2797710	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzonitrile, 2-(2-hydroxy-3-met...	252	C15H12N2O2	315670-28-1	35
2		3,5,6-Trimethyl-p-quinone, 2-(2,...	280	C13H12O5S	126848-01-9	27
3		Phenanthrene, 3,6-dimethoxy-9-me...	252	C17H16O2	015638-09-2	27
4		4,5-Diphenyl-2-imidazoethiol	252	C15H12N2S	002349-58-8	22
5		Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

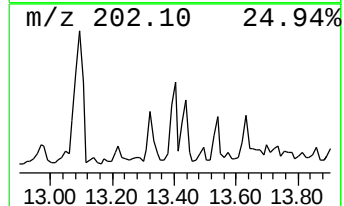
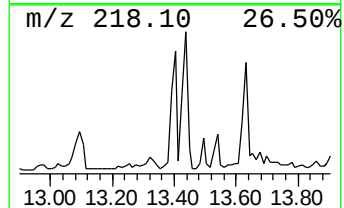
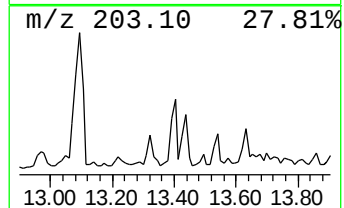
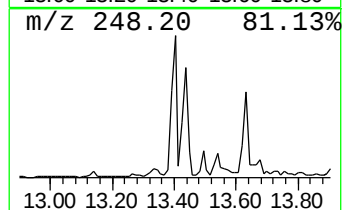
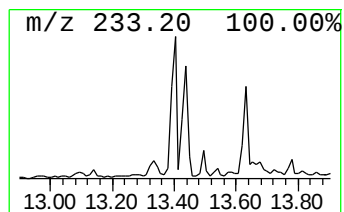
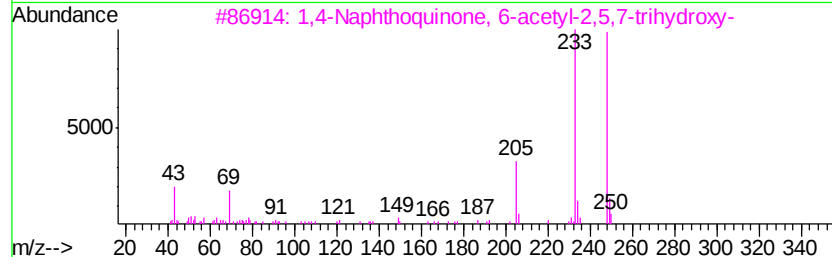
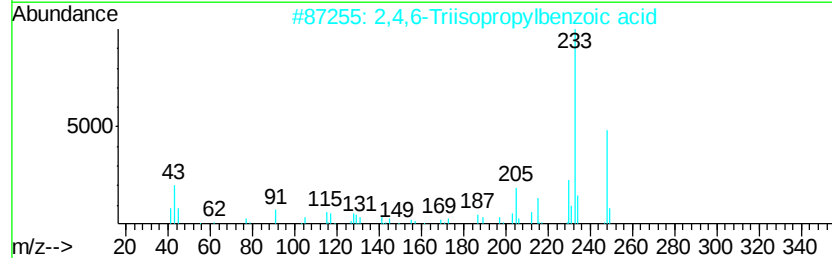
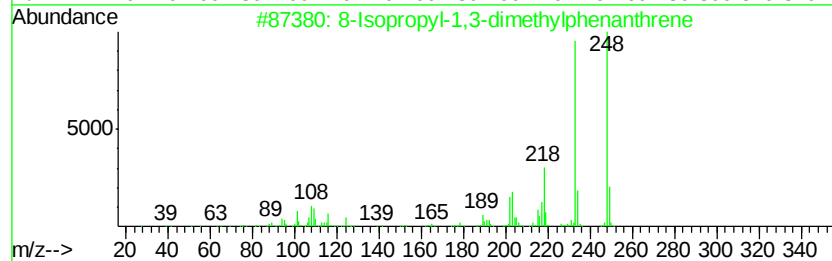
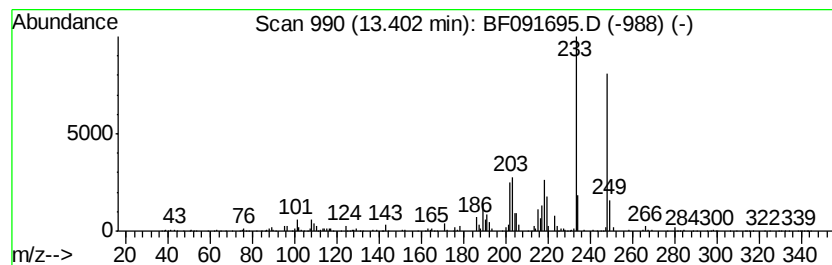
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ClientSampleId :
SB-45(10-12)-12-14-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 8-Isopropyl-1,3-dimethylphe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.40	87.89 ng	4678100	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	93
2	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	50
3	1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013378-89-7	50
4	2-Isopropyl-3-phenylquinoxaline	248	C17H16N2	010130-27-5	35
5	1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013379-24-3	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
SB-45(10-12)-12-14-16

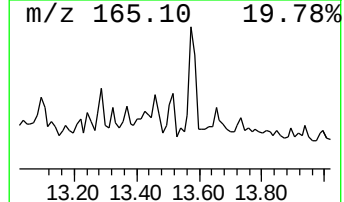
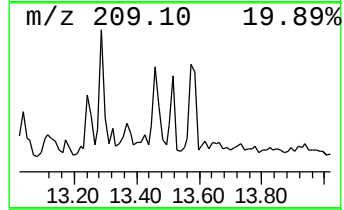
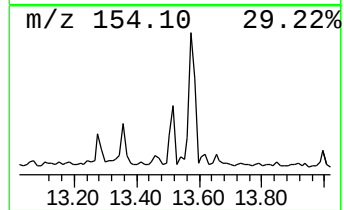
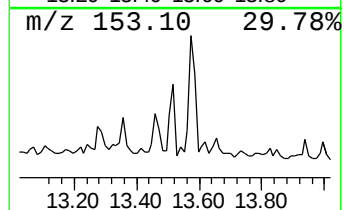
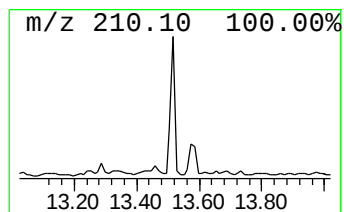
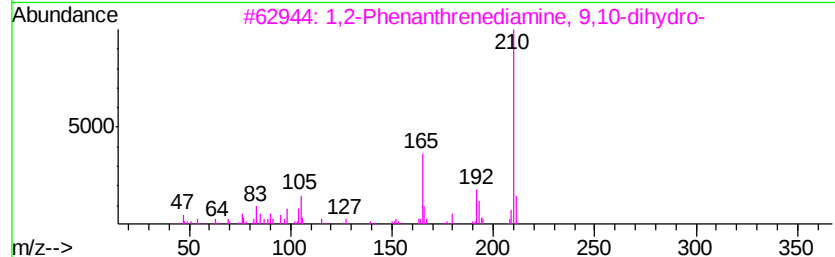
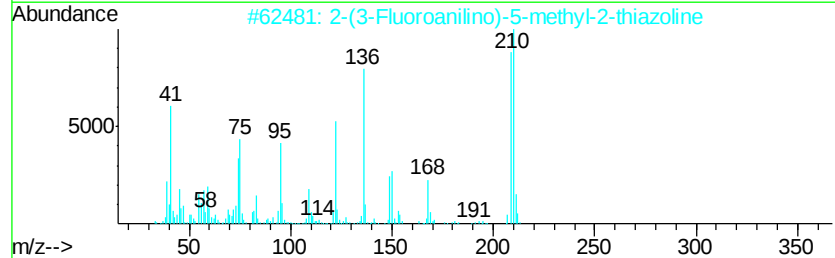
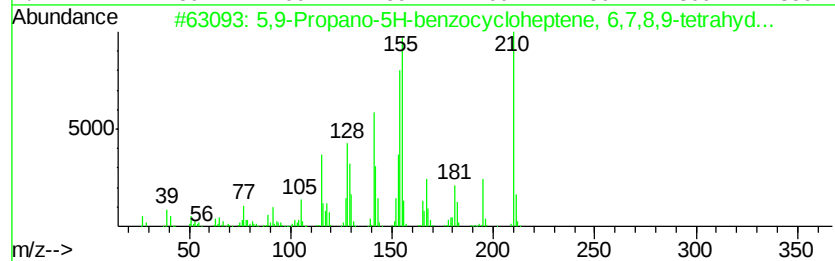
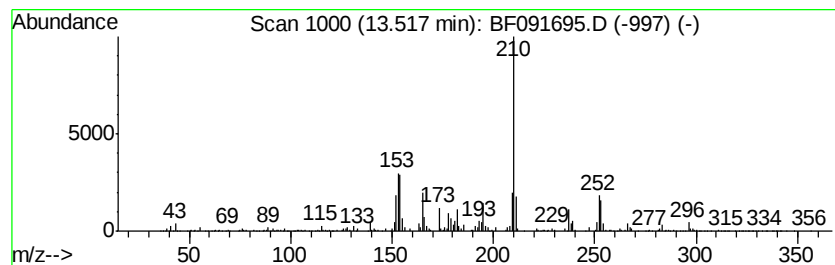
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5,9-Propano-5H-benzocyclohe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	55.48 ng	2952870	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,9-Propano-5H-benzocycloheptene...	210	C16H18	073947-11-2	96
2		2-(3-Fluoroanilino)-5-methyl-2-t...	210	C10H11FN2S	040524-71-8	50
3		1,2-Phenanthrenediamine, 9,10-di...	210	C14H14N2	018264-92-1	45
4		1,2,3-Thiadiazole, 4,5-diphenyl-	238	C14H10N2S	005393-99-7	45
5		Benzene, 1-methoxy-4-(2-phenylet...	210	C15H14O	001142-15-0	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091695.D
Acq On : 17 Dec 2016 1:35
Operator : UM/SJ
Sample : H6125-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-45(10-12)-12-14-16

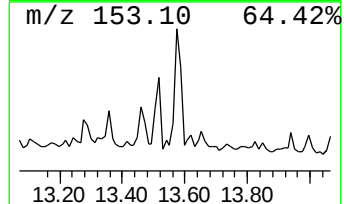
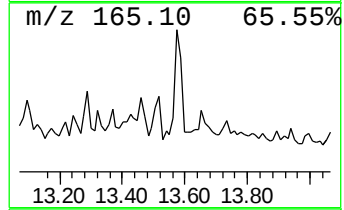
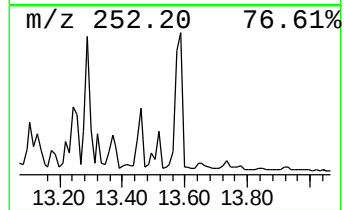
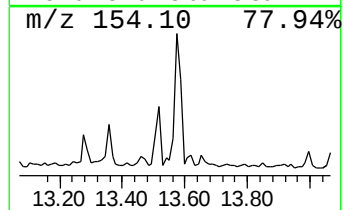
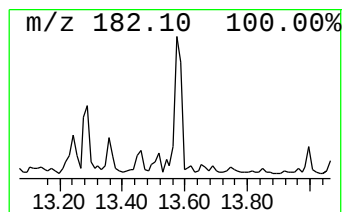
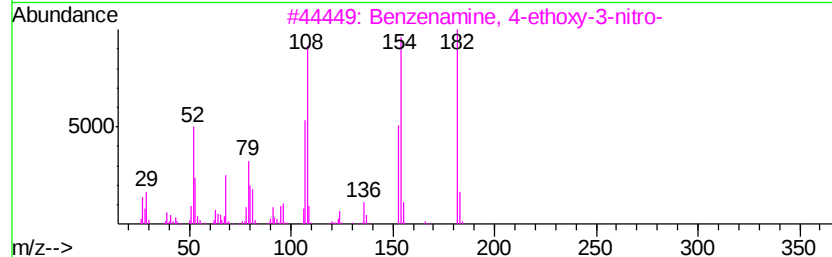
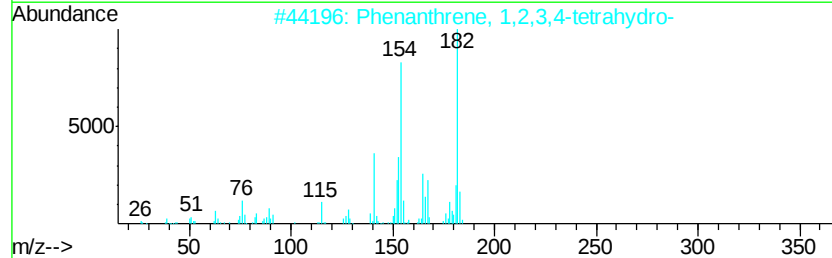
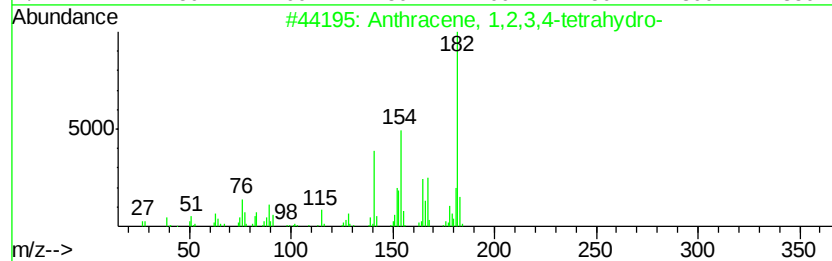
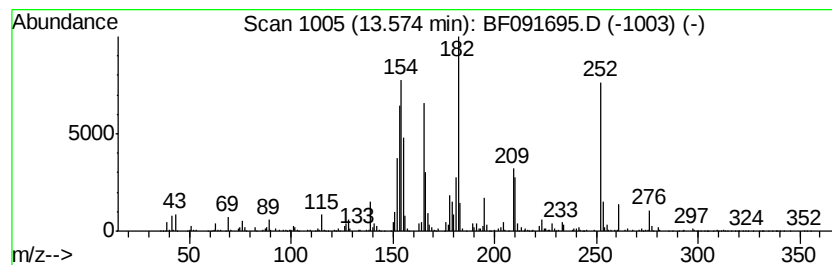
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	92.79 ng	4939040	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	70
2		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	38
3		Benzenamine, 4-ethoxy-3-nitro-	182	C8H10N2O3	001777-87-3	27
4		2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	22
5		Acenaphthene	154	C12H10	000083-32-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091695.D
 Acq On : 17 Dec 2016 1:35
 Operator : UM/SJ
 Sample : H6125-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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
Cyclohexane, pentyl-	7.73	33.5	ng	17156800	2	8.10	10256400	20.0
Octane, 3,6-dimet...	8.57	29.5	ng	15108300	2	8.10	10256400	20.0
Cyclopentane, 1-h...	9.28	32.0	ng	5346510	3	9.86	3339190	20.0
Decane, 5-propyl-	9.61	75.9	ng	12667000	3	9.86	3339190	20.0
Naphthalene, 2-(1...	9.96	24.6	ng	4112610	3	9.86	3339190	20.0
unknown10.01	10.01	37.5	ng	6255720	3	9.86	3339190	20.0
Naphthalene, 1,6,...	10.05	34.7	ng	5792970	3	9.86	3339190	20.0
Nonadecane	10.11	46.5	ng	7757350	3	9.86	3339190	20.0
Naphthalene, 1,4,...	10.26	26.4	ng	4406190	3	9.86	3339190	20.0
Undecane	10.50	46.9	ng	7827530	3	9.86	3339190	20.0
10,18-Bisnorabiet...	12.42	41.5	ng	25850600	4	11.32	12474100	20.0
unknown12.68	12.68	247.3	ng	13165300	5	13.97	1064570	20.0
Phenanthrene, 1-m...	13.09	213.6	ng	11371700	5	13.97	1064570	20.0
unknown13.22	13.22	74.7	ng	3976210	5	13.97	1064570	20.0
unknown13.29	13.29	52.6	ng	2797710	5	13.97	1064570	20.0
8-Isopropyl-1,3-d...	13.40	87.9	ng	4678100	5	13.97	1064570	20.0
5,9-Propano-5H-be...	13.52	55.5	ng	2952870	5	13.97	1064570	20.0
Anthracene, 1,2,3...	13.57	92.8	ng	4939040	5	13.97	1064570	20.0