

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083441.D
 Acq On : 3 Dec 2015 3:50
 Operator : UM/IZ
 Sample : G4583-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-02(0-4)

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-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.647	257	259	268	rVB	851870	1570147	7.45%	0.465%
2	4.922	281	283	286	rBV	1291489	1512340	7.17%	0.448%
3	5.047	292	294	299	rBV2	589768	1050791	4.98%	0.311%
4	5.127	299	301	309	rBV	4555064	5202187	24.68%	1.540%
5	6.053	380	382	383	rVV2	1123600	1366164	6.48%	0.404%
6	6.213	394	396	400	rVB	4896146	5427236	25.74%	1.607%
7	6.316	403	405	407	rVV	5451297	5514975	26.16%	1.633%
8	6.362	407	409	413	rVB3	894088	1892469	8.98%	0.560%
9	6.545	423	425	426	rBV	654535	802580	3.81%	0.238%
10	6.579	426	428	429	rBV	1112017	1035190	4.91%	0.306%
11	6.693	436	438	443	rVB2	3617569	8156670	38.69%	2.415%
12	6.807	443	448	449	rBV2	1213600	2009859	9.53%	0.595%
13	6.876	452	454	455	rVB	993673	852875	4.05%	0.252%
14	6.910	455	457	458	rBV	672249	857819	4.07%	0.254%
15	6.956	458	461	464	rVB3	765518	1479260	7.02%	0.438%
16	7.116	465	475	478	rBV2	3748320	7183661	34.08%	2.127%
17	7.173	478	480	482	rBV2	1581722	2174108	10.31%	0.644%
18	7.356	491	496	498	rVB	2491059	2927225	13.89%	0.867%
19	7.470	502	506	508	rBV2	1884889	2977134	14.12%	0.881%
20	7.539	510	512	514	rBV	1038804	1525895	7.24%	0.452%
21	7.585	514	516	517	rBV2	1378219	1883810	8.94%	0.558%
22	7.619	517	519	521	rVB2	1780756	2337252	11.09%	0.692%
23	7.653	521	522	525	rVB3	1168279	1825351	8.66%	0.540%
24	7.790	532	534	535	rBV	970617	1335940	6.34%	0.395%
25	7.870	536	541	544	rVV	10390308	21081210	100.00%	6.241%
26	7.928	544	546	549	rVB	4295602	4899769	23.24%	1.451%
27	8.019	551	554	555	rBV3	703129	1631611	7.74%	0.483%
28	8.053	555	557	559	rVB	944404	1018643	4.83%	0.302%
29	8.145	559	565	566	rBV3	2296570	4920292	23.34%	1.457%
30	8.202	569	570	571	rBV	1515349	1356442	6.43%	0.402%
31	8.236	571	573	575	rVB2	1958191	1997569	9.48%	0.591%
32	8.282	575	577	580	rBV	5323512	7146340	33.90%	2.116%
33	8.339	580	582	584	rVB2	820355	893544	4.24%	0.265%
34	8.385	584	586	587	rBV2	1215567	1348593	6.40%	0.399%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083441.D
 Acq On : 3 Dec 2015 3:50
 Operator : UM/IZ
 Sample : G4583-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-02(0-4)

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-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.453	590	592	594	rBV	3407372	4328209	20.53%	1.281%
36	8.545	598	600	602	rVB	4670922	7294236	34.60%	2.159%
37	8.590	602	604	605	rBV2	503511	889079	4.22%	0.263%
38	8.648	605	609	614	rBV	4563014	6644538	31.52%	1.967%
39	8.750	614	618	620	rBV4	3057137	6519852	30.93%	1.930%
40	8.819	623	624	626	rVB	1959625	1543800	7.32%	0.457%
41	8.888	626	630	631	rBV	5723024	8688267	41.21%	2.572%
42	8.922	631	633	635	rVB	3710571	4414806	20.94%	1.307%
43	9.025	639	642	644	rBV2	3799124	7564540	35.88%	2.239%
44	9.059	644	645	647	rVV	1654356	1851960	8.78%	0.548%
45	9.093	647	648	653	rVB2	1615431	3913771	18.57%	1.159%
46	9.173	653	655	657	rBV	2499368	4313443	20.46%	1.277%
47	9.253	659	662	663	rVV	2974442	4639891	22.01%	1.374%
48	9.345	667	670	673	rVV3	5249024	11993670	56.89%	3.551%
49	9.448	676	679	680	rVB3	1859592	2570974	12.20%	0.761%
50	9.551	686	688	689	rBV	4345199	4753001	22.55%	1.407%
51	9.585	689	691	692	rVV	2673197	3750940	17.79%	1.110%
52	9.619	692	694	696	rVV2	3618246	4207630	19.96%	1.246%
53	9.688	698	700	705	rVB4	1248677	2532579	12.01%	0.750%
54	9.791	705	709	712	rBV4	2444791	7991642	37.91%	2.366%
55	9.836	712	713	714	rVV	1781046	1608044	7.63%	0.476%
56	9.871	714	716	717	rVB	3358866	3877294	18.39%	1.148%
57	9.905	717	719	720	rBV	1726851	1623044	7.70%	0.480%
58	9.996	725	727	728	rBV2	1398580	2043096	9.69%	0.605%
59	10.042	729	731	733	rBV	2980992	3377319	16.02%	1.000%
60	10.088	733	735	737	rVB3	1133007	1810151	8.59%	0.536%
61	10.133	737	739	740	rBV	2138905	1973378	9.36%	0.584%
62	10.271	747	751	753	rBV	6064402	9858855	46.77%	2.919%
63	10.373	756	760	762	rVB4	4073760	7051837	33.45%	2.088%
64	10.419	762	764	765	rBV	835339	1163262	5.52%	0.344%
65	10.545	770	775	777	rBV	7240900	12566748	59.61%	3.720%
66	10.591	777	779	780	rVB	884307	904605	4.29%	0.268%
67	10.728	789	791	793	rBV	1841416	2586809	12.27%	0.766%
68	10.888	803	805	806	rVB2	1348622	1804935	8.56%	0.534%
69	11.014	814	816	818	rVV2	2267375	3552686	16.85%	1.052%
70	11.059	818	820	823	rVB	4326057	5564083	26.39%	1.647%
71	11.128	823	826	827	rBV3	730674	1779475	8.44%	0.527%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083441.D
 Acq On : 3 Dec 2015 3:50
 Operator : UM/IZ
 Sample : G4583-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-02(0-4)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.162	827	829	832	rVV	4976677	7656742	36.32%	2.267%
73	11.219	832	834	837	rVV2	2852749	3008424	14.27%	0.891%
74	11.414	849	851	854	rVV2	808873	1377633	6.53%	0.408%
75	11.471	854	856	858	rVV2	1518102	1941983	9.21%	0.575%
76	11.528	858	861	864	rVV2	2115038	2942717	13.96%	0.871%
77	11.734	876	879	881	rBV2	1796318	3338821	15.84%	0.988%
78	11.768	881	882	885	rVB	1620900	1753250	8.32%	0.519%
79	11.825	885	887	888	rBV	798393	936568	4.44%	0.277%
80	11.871	888	891	892	rVV2	2044300	2883454	13.68%	0.854%
81	11.905	892	894	896	rVV	1249051	1659548	7.87%	0.491%
82	11.951	896	898	900	rVV2	619053	849801	4.03%	0.252%
83	12.054	904	907	909	rVV	1167309	1652218	7.84%	0.489%
84	12.122	911	913	920	rVB4	1160466	3074113	14.58%	0.910%
85	12.259	922	925	928	rVB3	494893	1008580	4.78%	0.299%
86	12.454	938	942	944	rVV2	879790	1904035	9.03%	0.564%
87	12.499	944	946	950	rVB2	918005	1572401	7.46%	0.465%
88	12.579	950	953	955	rVB2	1176774	1427537	6.77%	0.423%
89	12.659	957	960	963	rVB	2506475	3880864	18.41%	1.149%
90	12.785	969	971	975	rVB3	991209	1764165	8.37%	0.522%
91	12.979	985	988	991	rVB	3488205	5174694	24.55%	1.532%
92	13.219	1006	1009	1011	rVB	2893159	4467091	21.19%	1.322%
93	13.299	1012	1016	1018	rBV3	375163	981094	4.65%	0.290%
94	13.448	1027	1029	1033	rVB2	724338	1099750	5.22%	0.326%
95	13.597	1040	1042	1044	rBV	666398	805116	3.82%	0.238%
96	14.728	1138	1141	1144	rBV2	1189736	2585317	12.26%	0.765%
97	14.774	1144	1145	1148	rVB	889772	1121193	5.32%	0.332%
98	16.294	1274	1278	1284	rBV	725570	1967115	9.33%	0.582%
99	16.660	1307	1310	1313	rVB	555656	820323	3.89%	0.243%
100	16.728	1313	1316	1319	rBV	955956	1392424	6.61%	0.412%

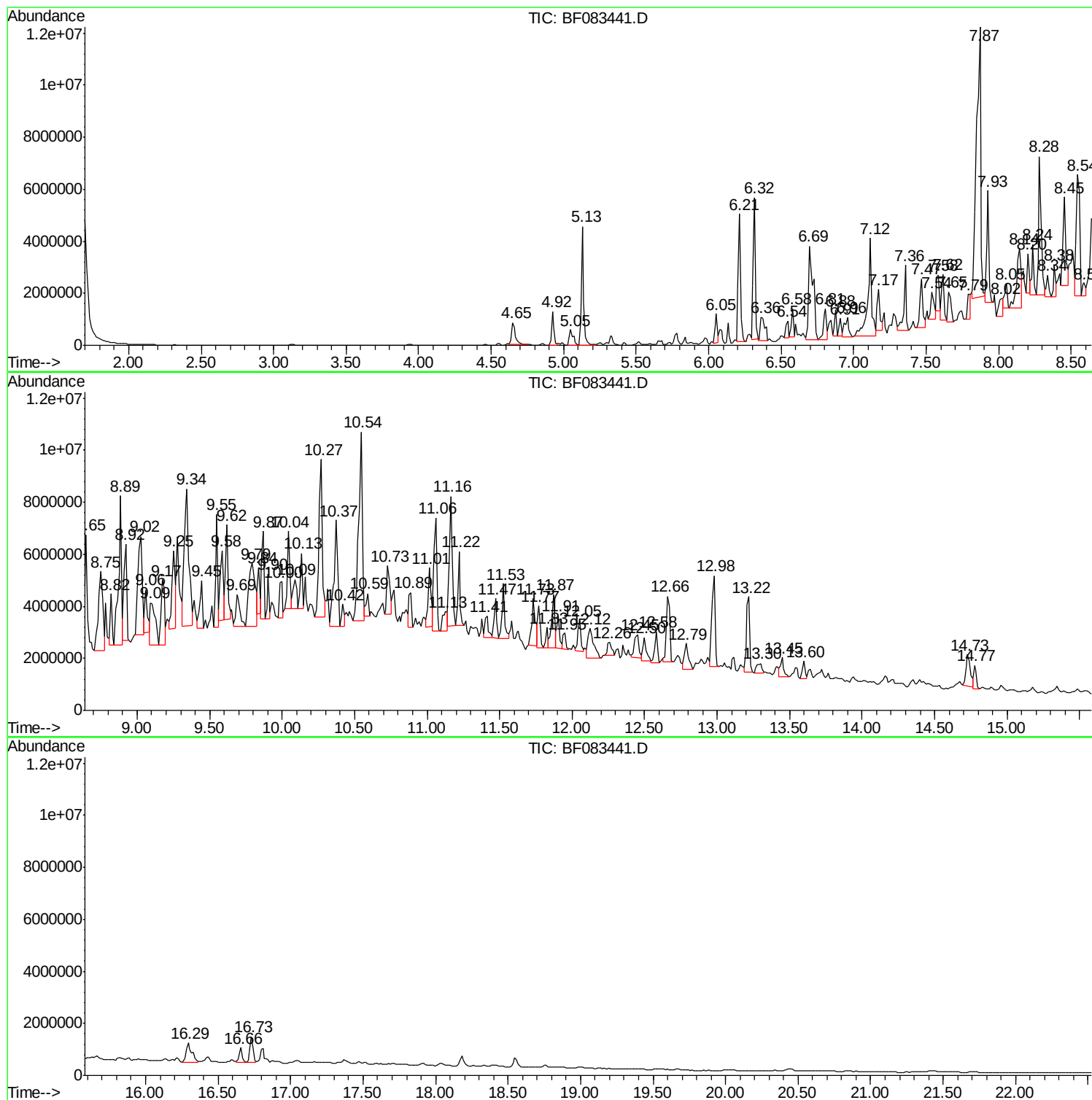
Sum of corrected areas: 337794371

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

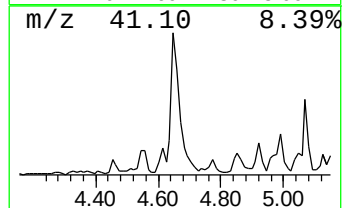
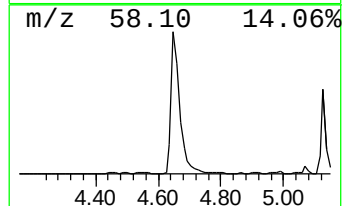
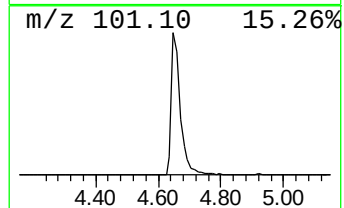
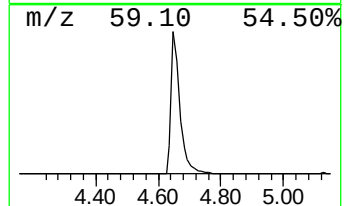
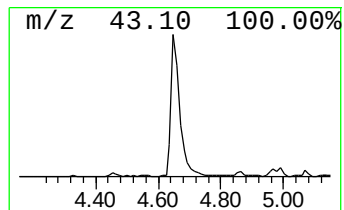
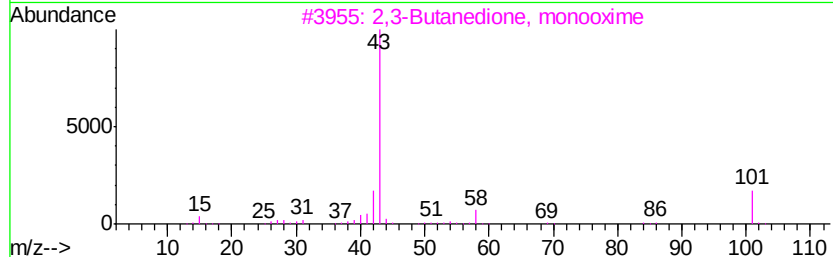
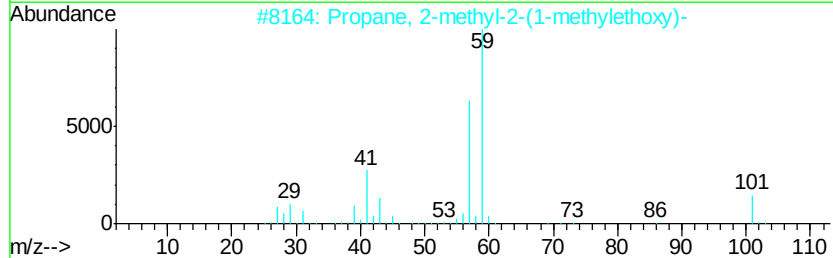
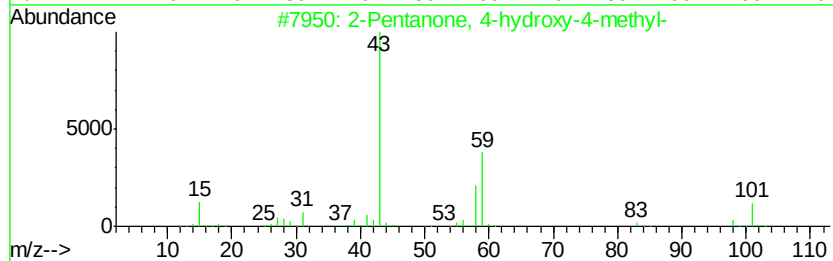
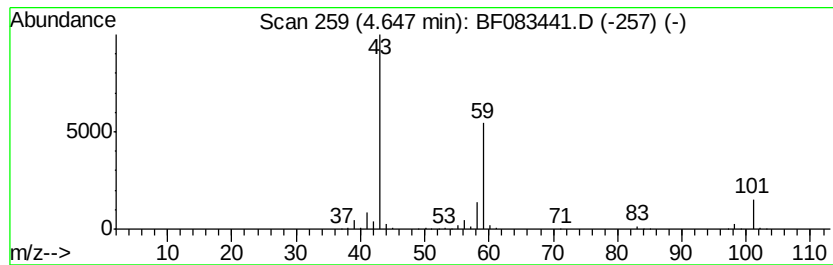
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	39.13 ng	1570150	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

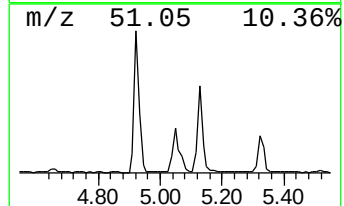
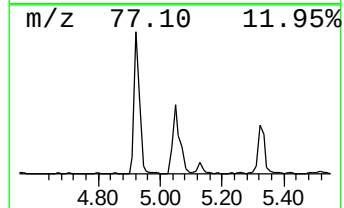
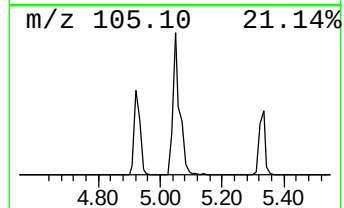
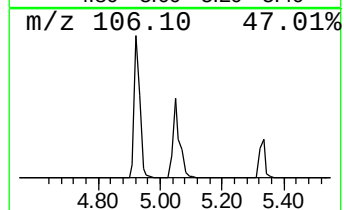
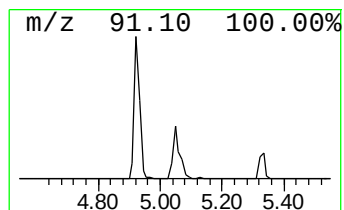
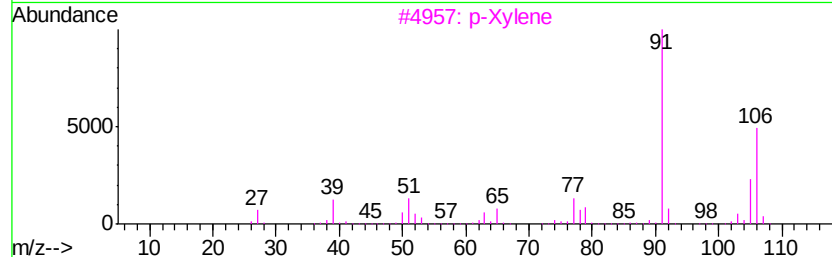
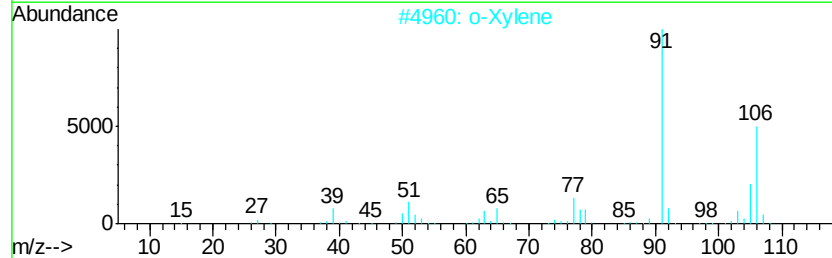
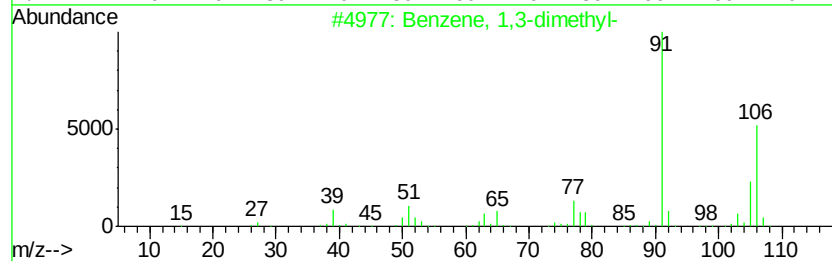
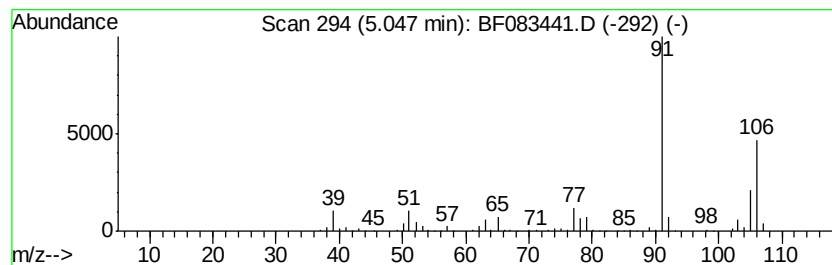
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	26.19 ng	1050790	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5		Ethylbenzene	106	C8H10	000100-41-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

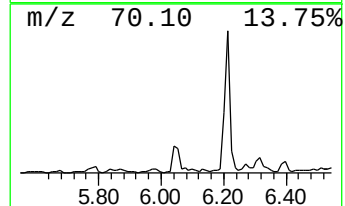
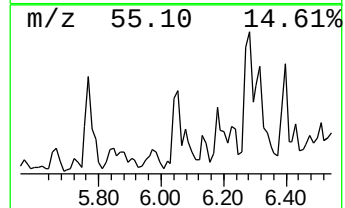
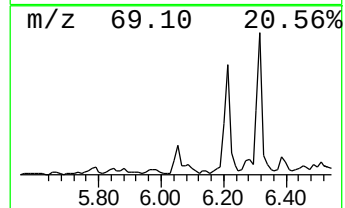
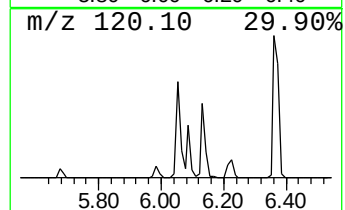
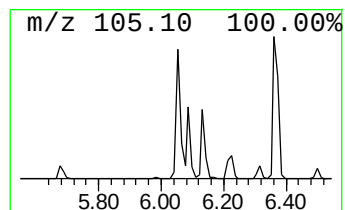
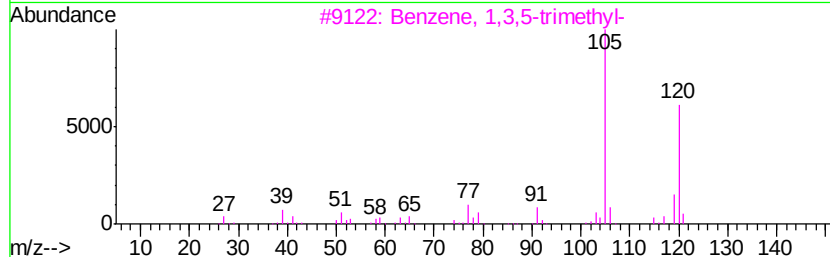
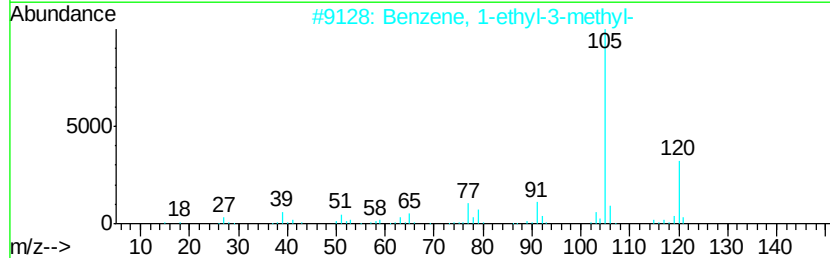
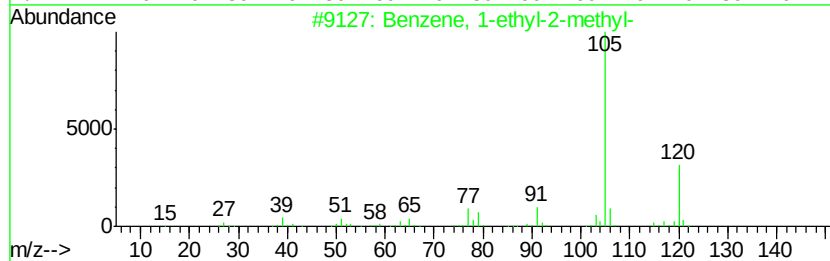
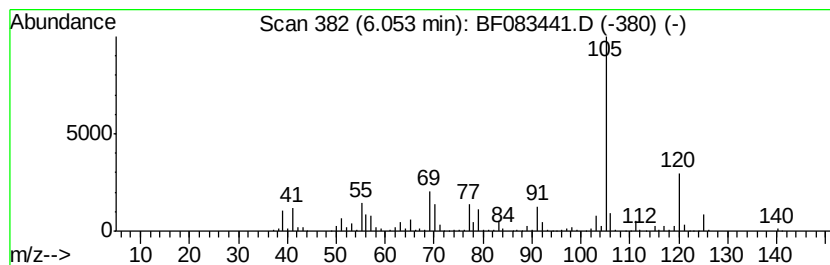
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	34.04 ng	1366160	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

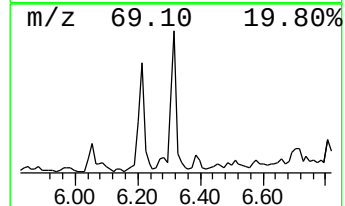
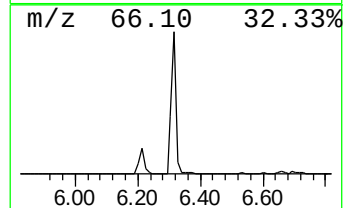
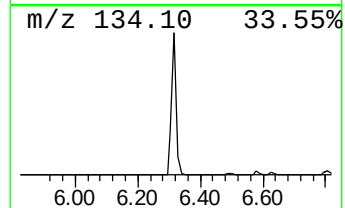
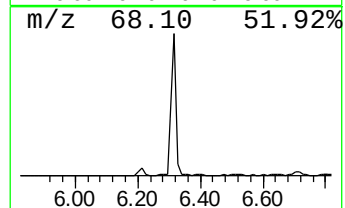
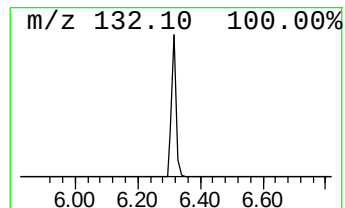
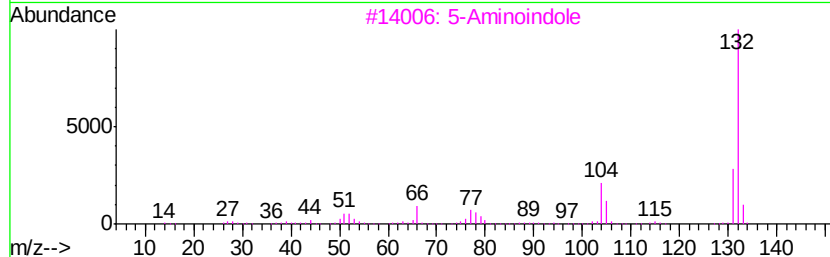
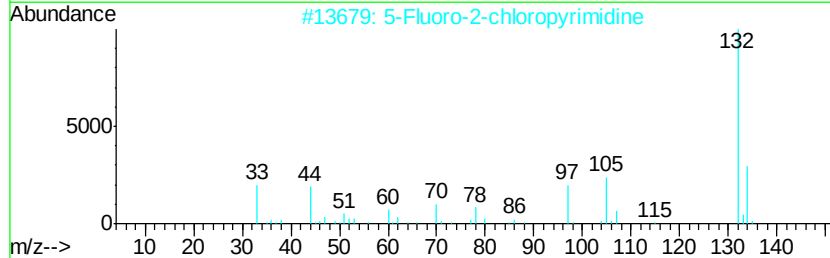
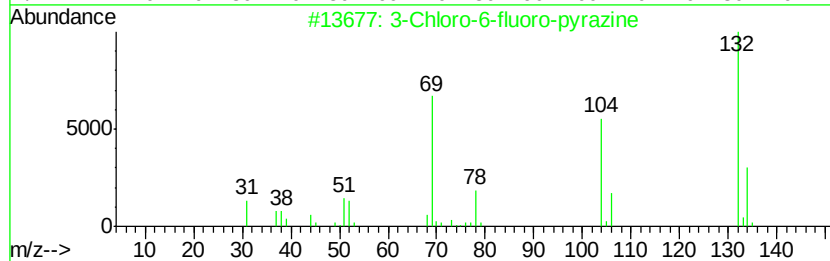
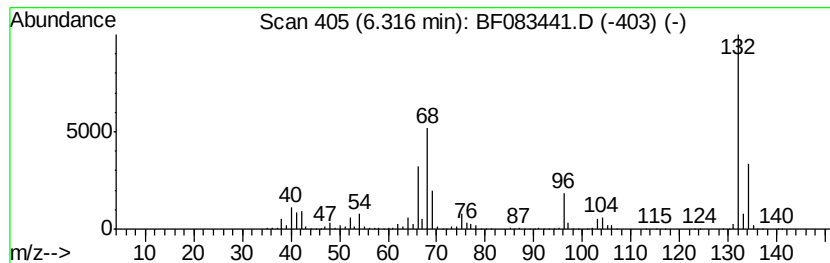
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	137.43 ng	5514980	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	27
3	5-Aminoindole			132	C8H8N2	005192-03-0	27
4	2-Cyclohexen-1-one			96	C6H8O	000930-68-7	10
5	Tranlylcypromine-propionyl			189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

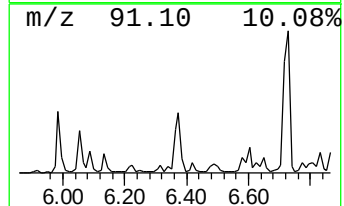
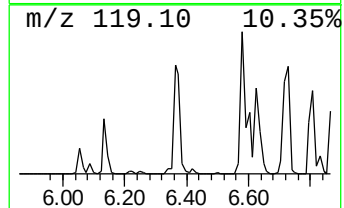
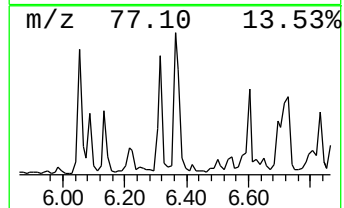
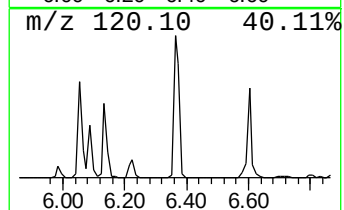
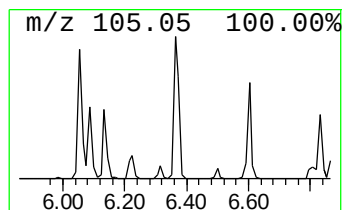
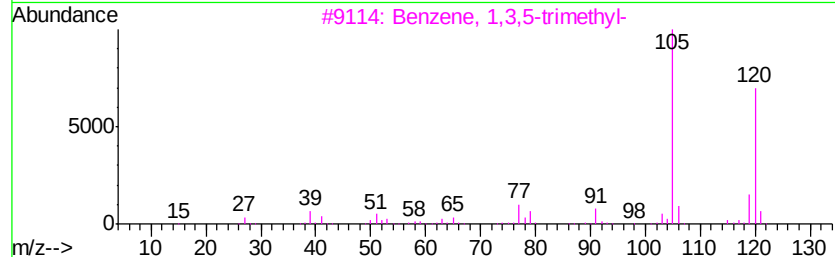
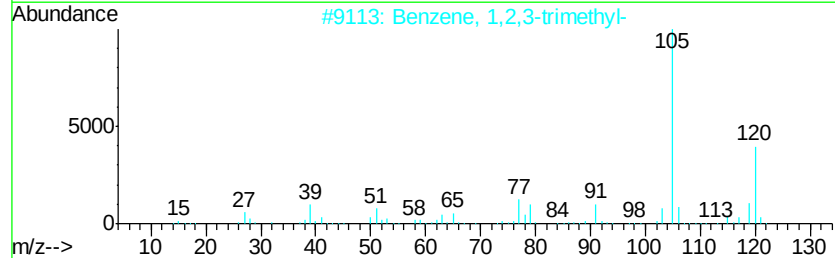
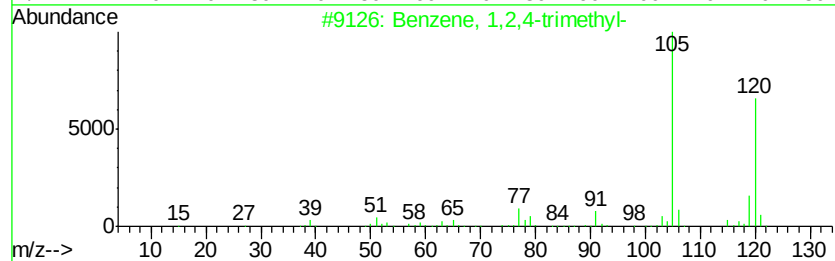
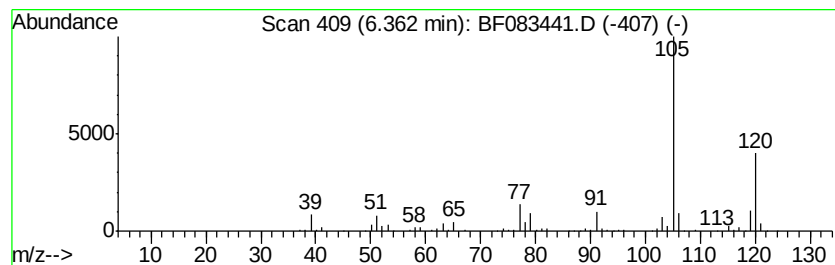
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	47.16 ng	1892470	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

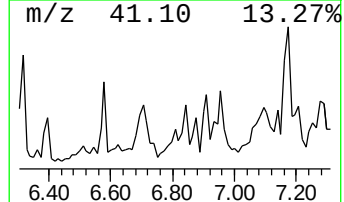
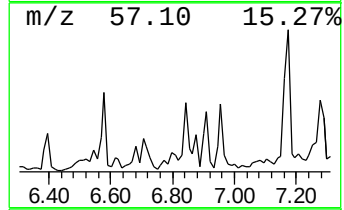
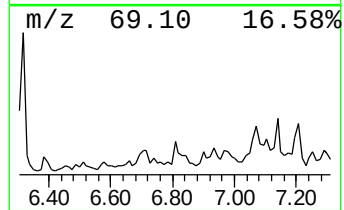
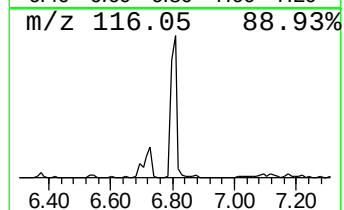
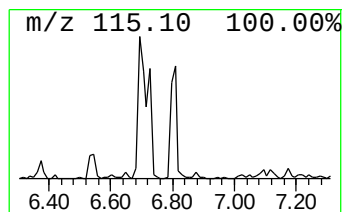
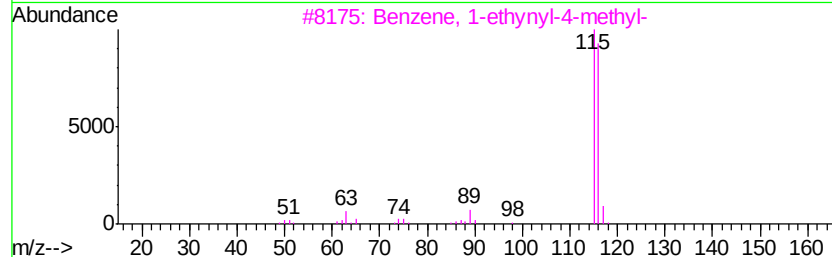
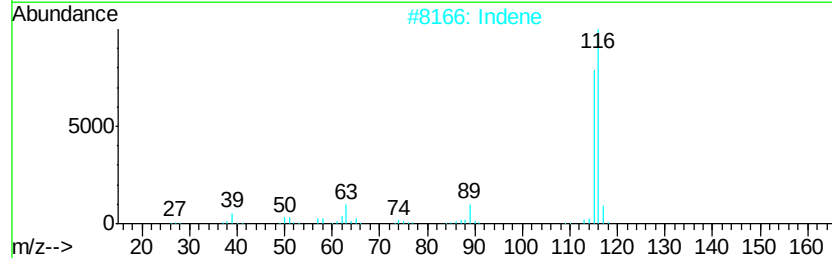
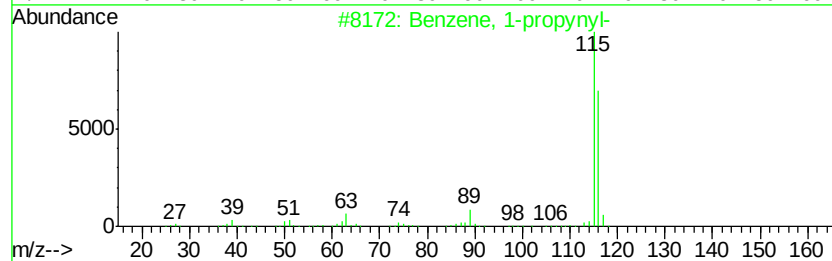
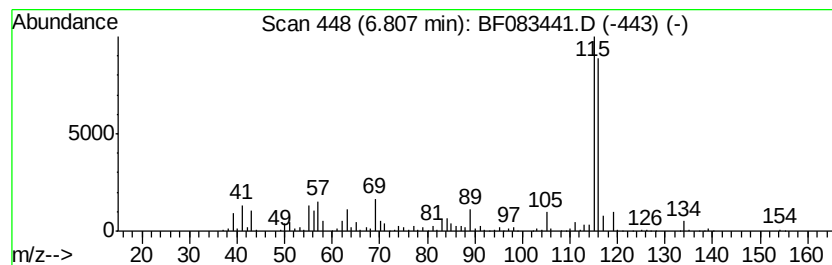
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	50.09 ng	2009860	1,4-Dichlorobenzene-d4	6.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2		Indene	116	C9H8	000095-13-6	91
3		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	81
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	74
5		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

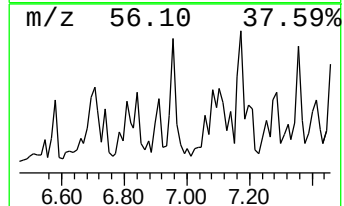
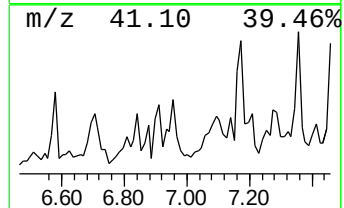
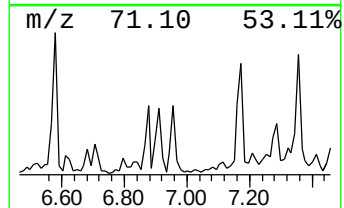
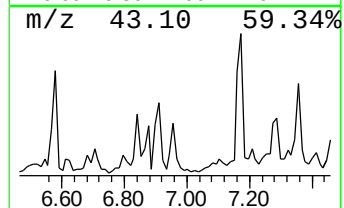
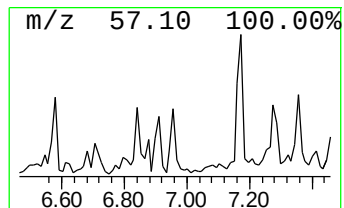
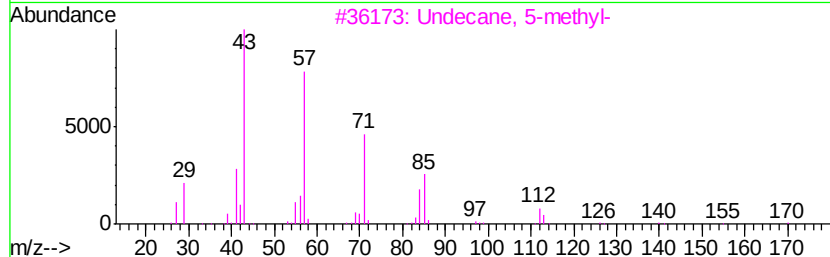
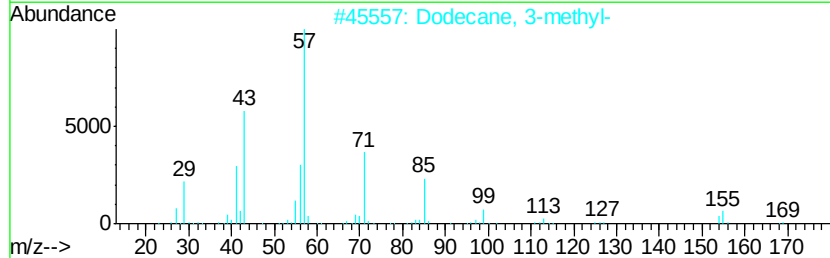
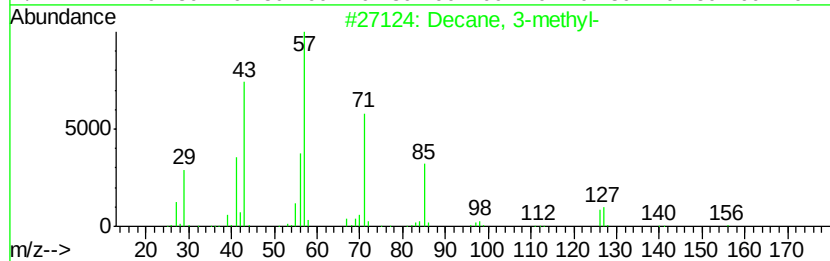
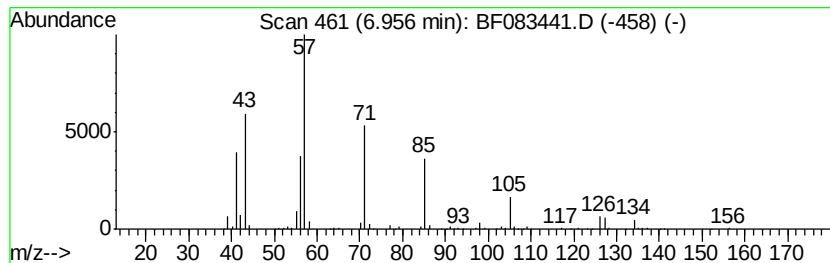
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	36.86 ng	1479260	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	64
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4		Eicosane	282	C20H42	000112-95-8	53
5		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

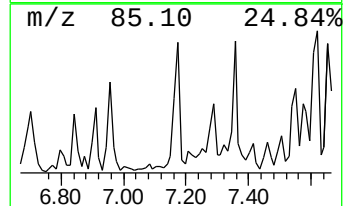
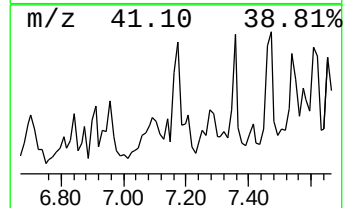
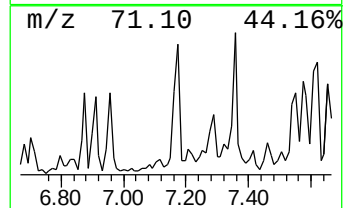
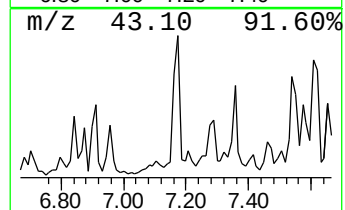
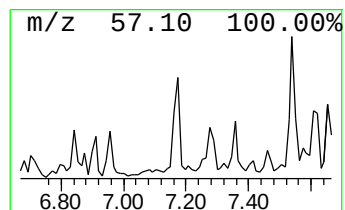
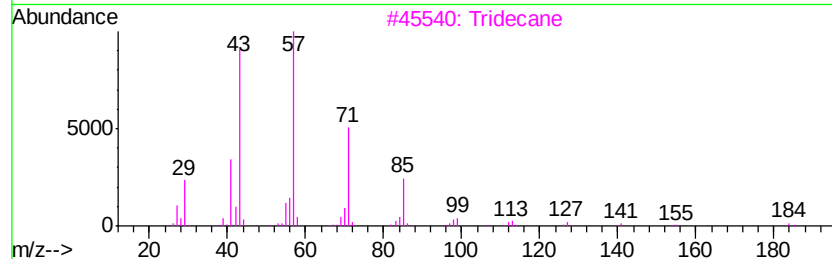
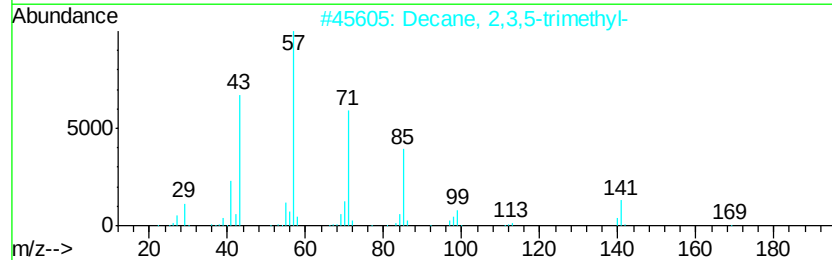
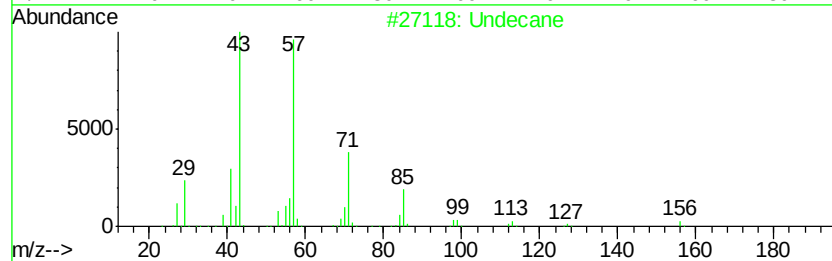
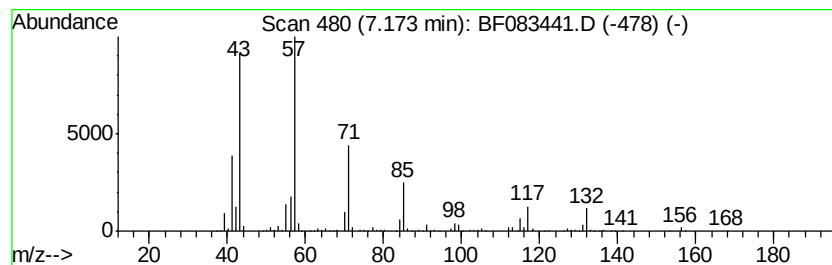
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	54.18 ng	2174110	1,4-Dichlorobenzene-d4	6.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	87
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64
3	Tridecane		184	C13H28	000629-50-5	64
4	Tetradecane		198	C14H30	000629-59-4	64
5	Tetratetracontane		619	C44H90	007098-22-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

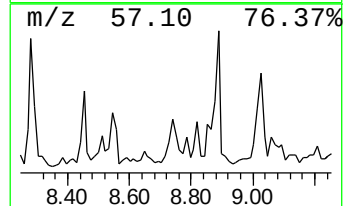
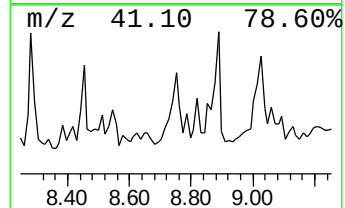
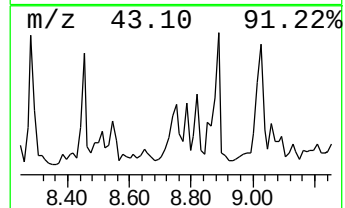
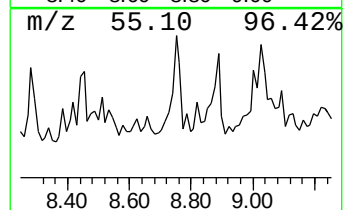
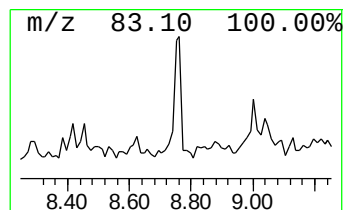
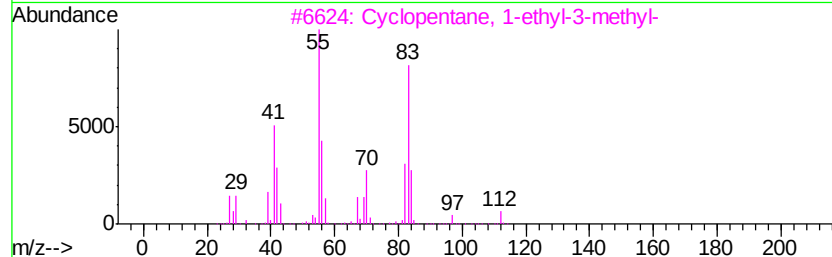
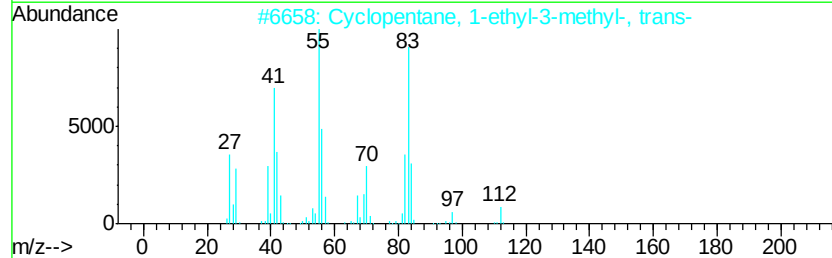
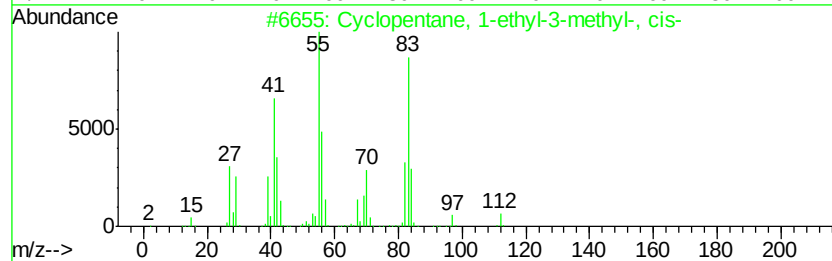
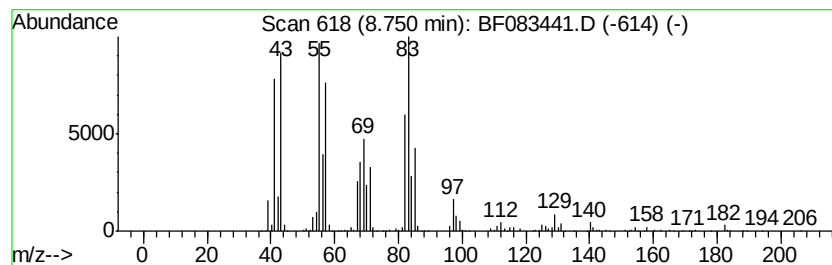
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopentane, 1-ethyl-3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	34.76 ng	6519850	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52
2		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	49
3		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	47
4		Hexadecanal	240	C16H32O	000629-80-1	43
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

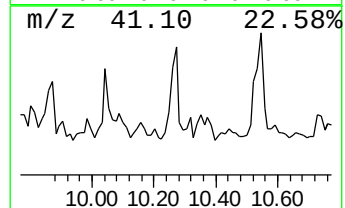
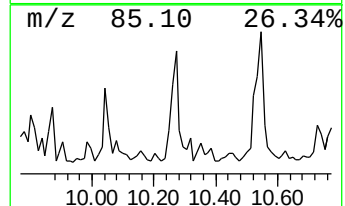
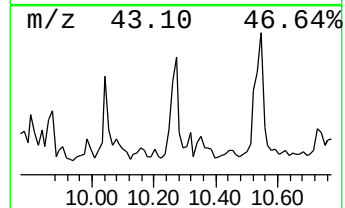
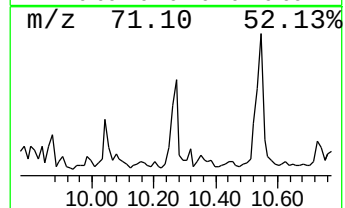
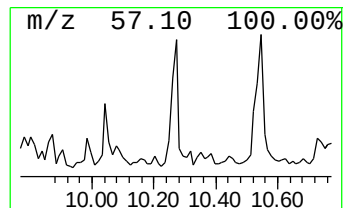
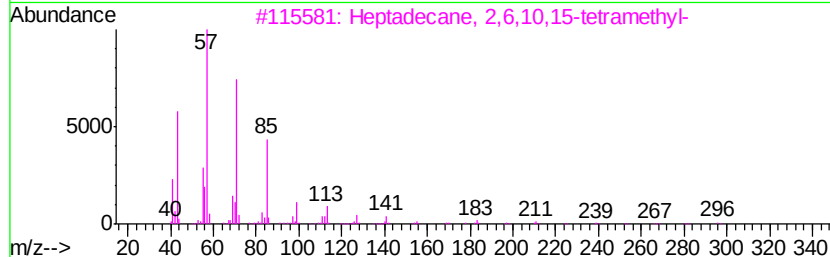
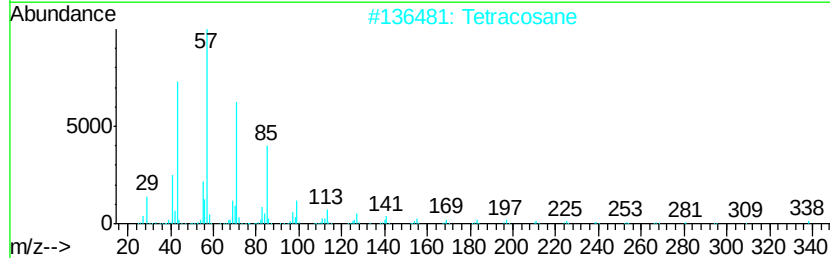
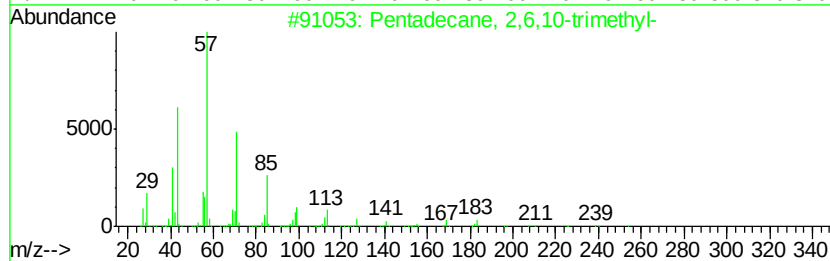
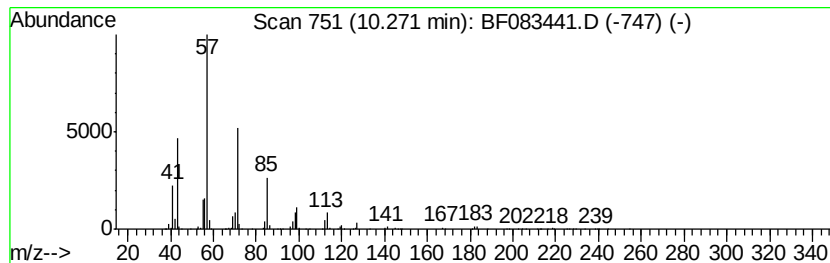
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	52.57 ng	9858860	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Tetracosane	338	C24H50	000646-31-1	80
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Tetratetracontane	619	C44H90	007098-22-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

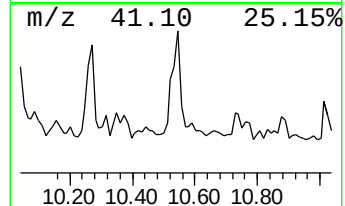
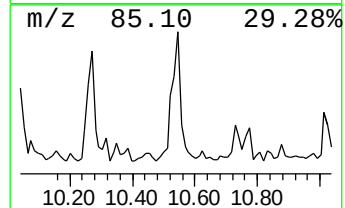
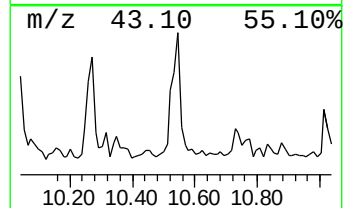
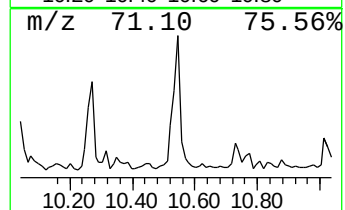
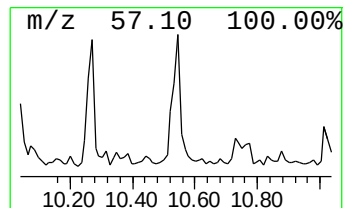
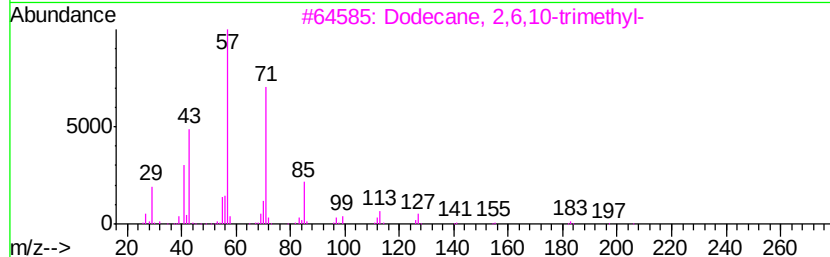
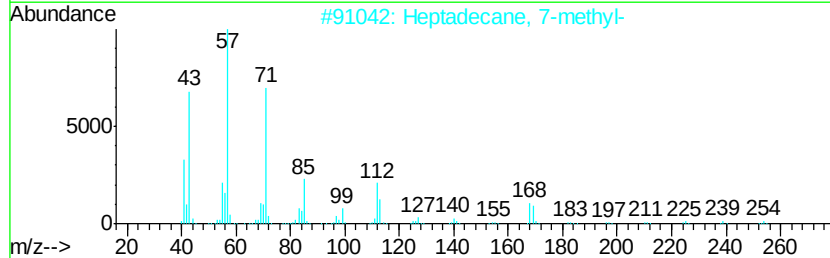
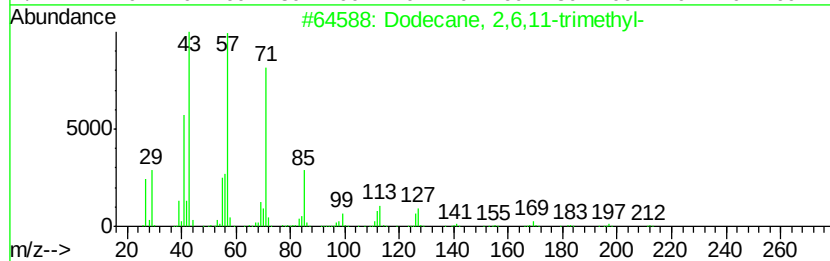
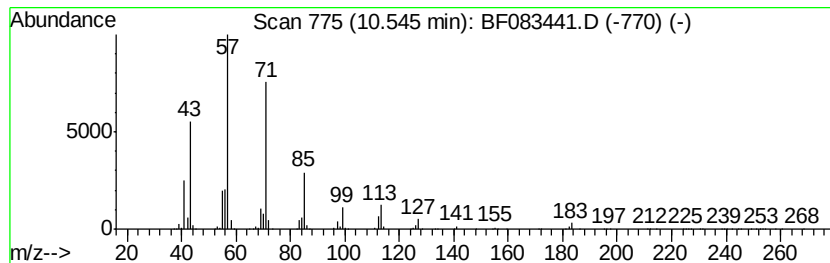
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.54	141.24 ng	12566700	Phenanthrene-d10	11.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90	
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	87	
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83	
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78	
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

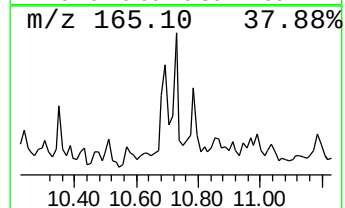
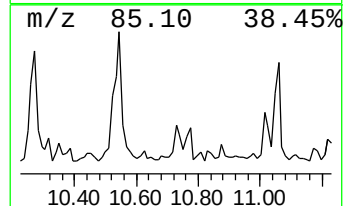
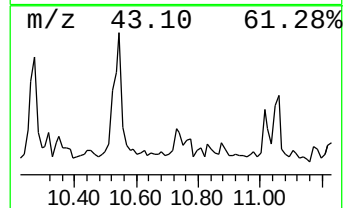
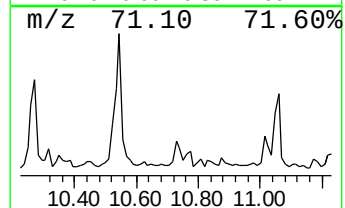
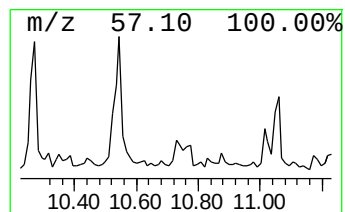
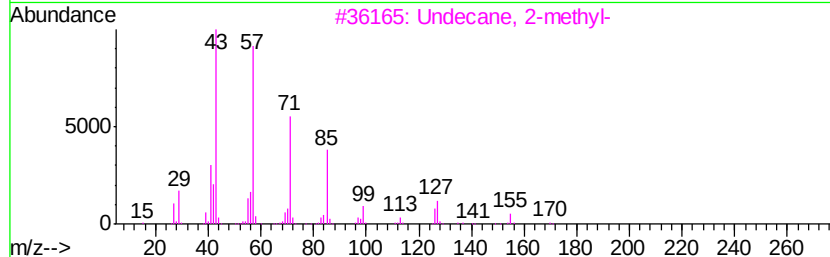
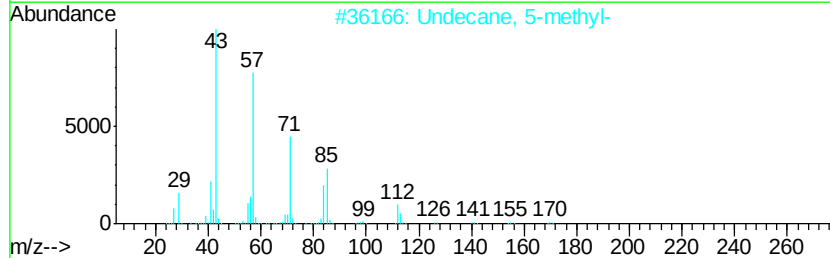
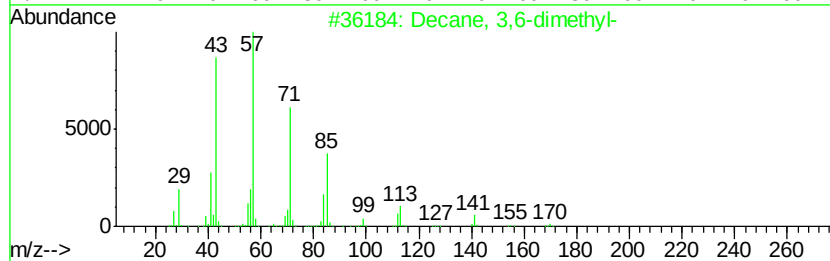
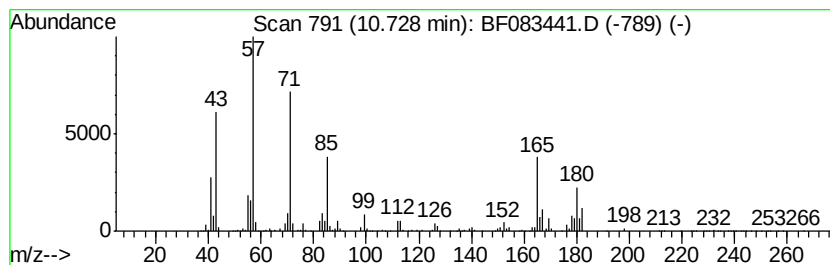
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.73 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	29.07 ng	2586810	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	46
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	46
4		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43
5		Pentadecane	212	C15H32	000629-62-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-P3WC-02(0-4)

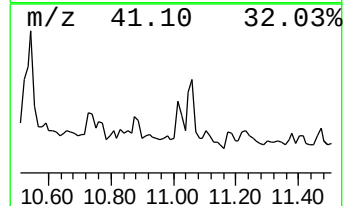
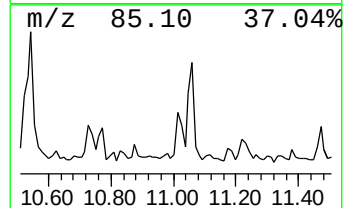
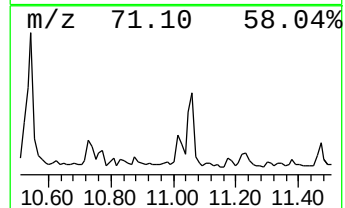
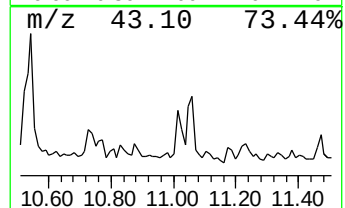
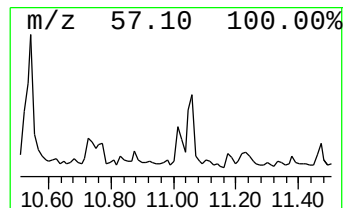
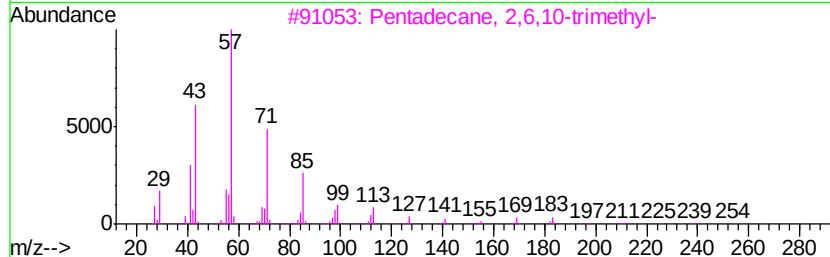
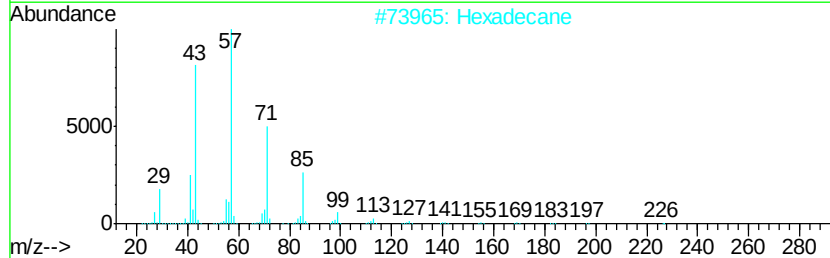
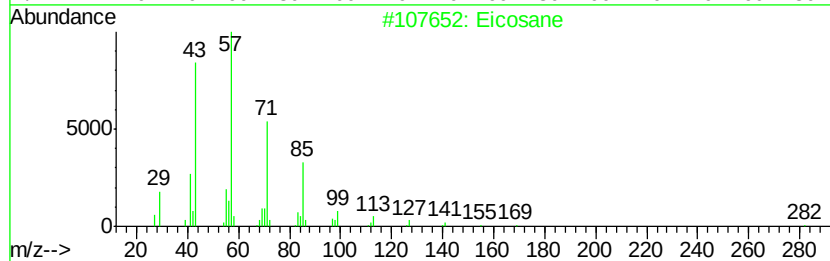
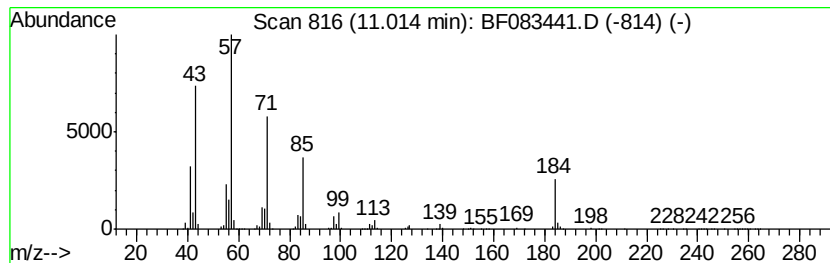
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	39.93 ng	3552690	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	74
2		Hexadecane	226	C16H34	000544-76-3	72
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

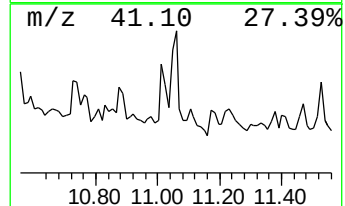
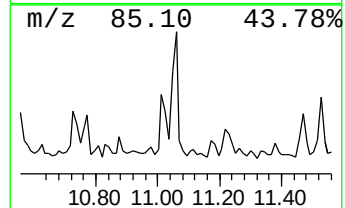
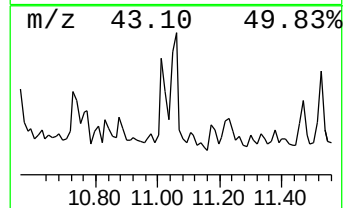
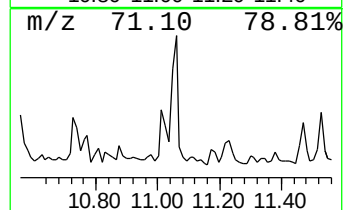
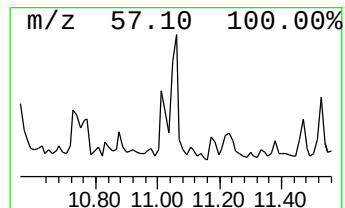
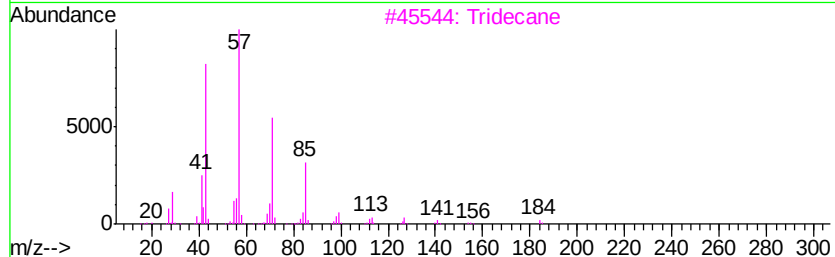
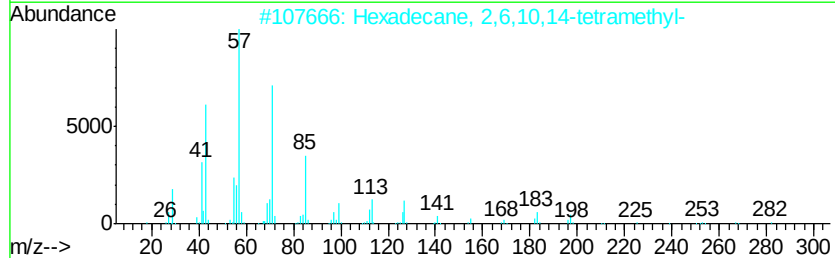
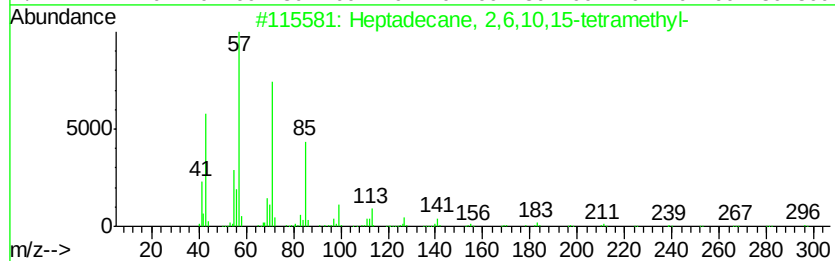
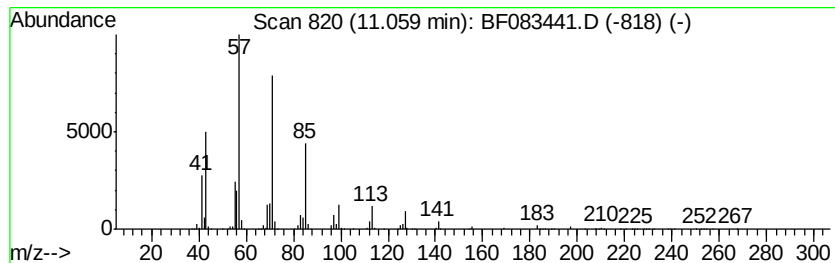
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	62.54 ng	5564080	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Tridecane	184	C13H28	000629-50-5	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

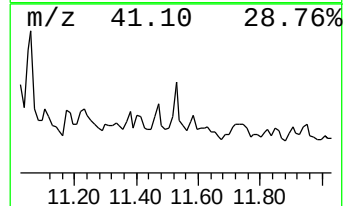
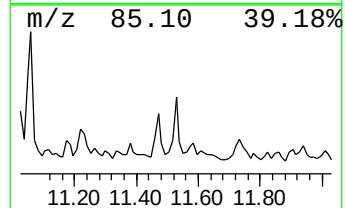
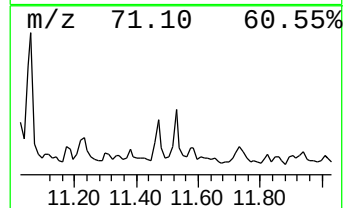
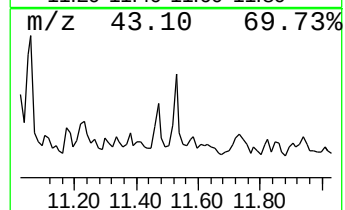
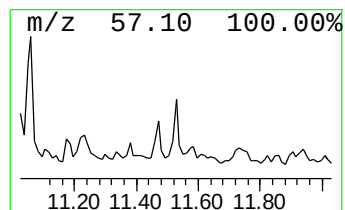
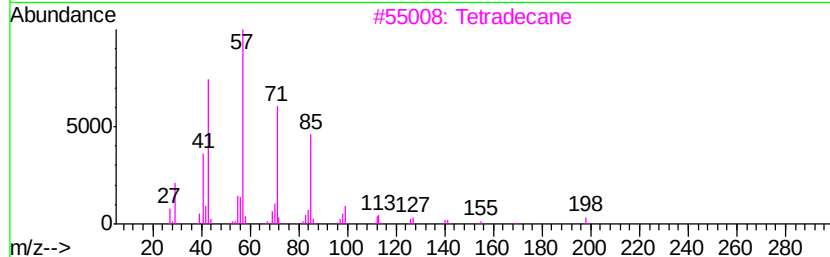
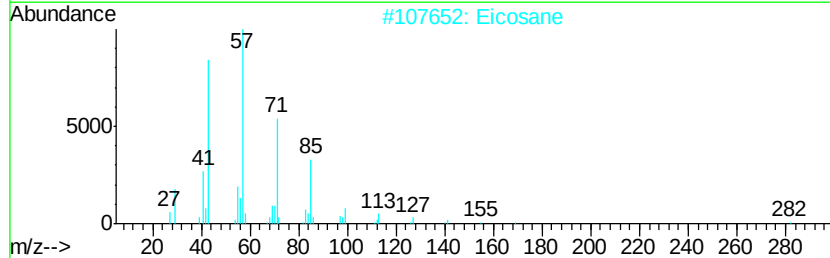
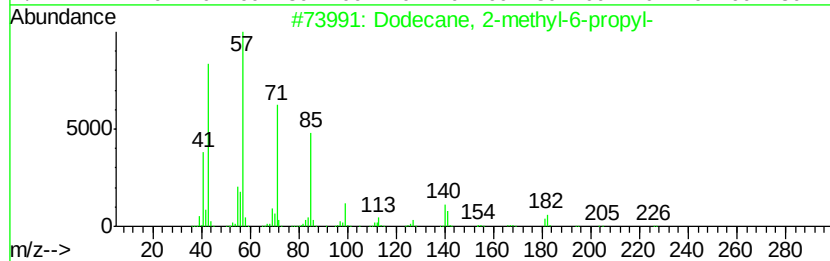
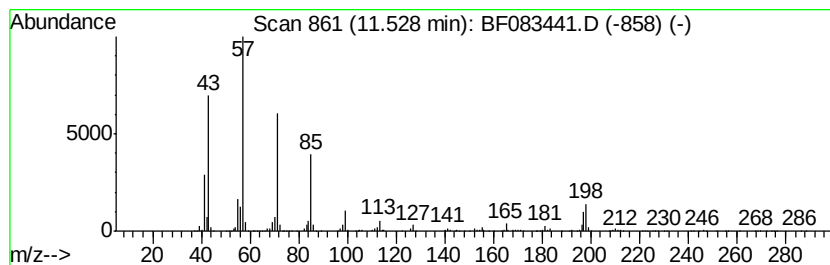
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	33.07 ng	2942720	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74
2		Eicosane	282	C20H42	000112-95-8	74
3		Tetradecane	198	C14H30	000629-59-4	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

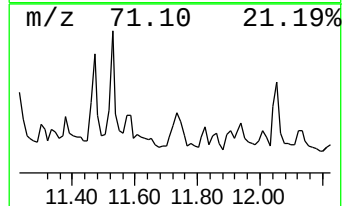
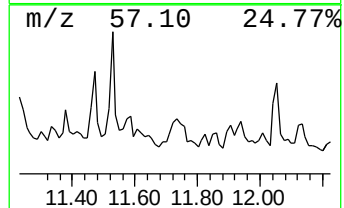
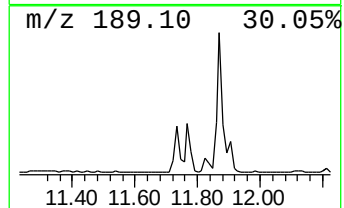
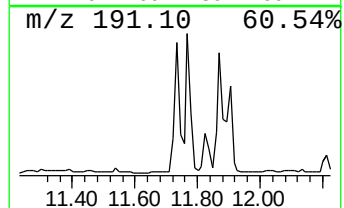
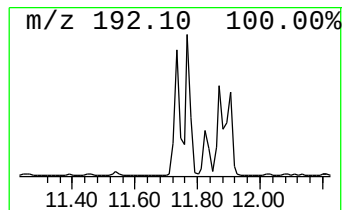
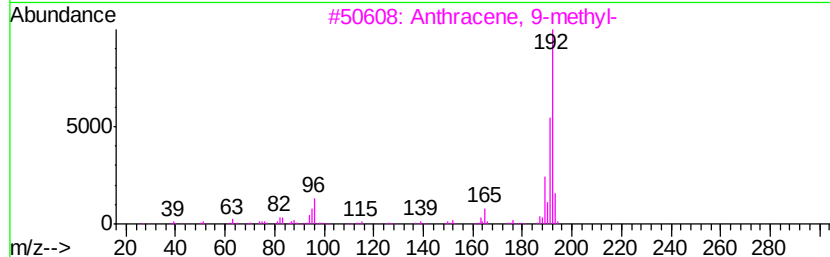
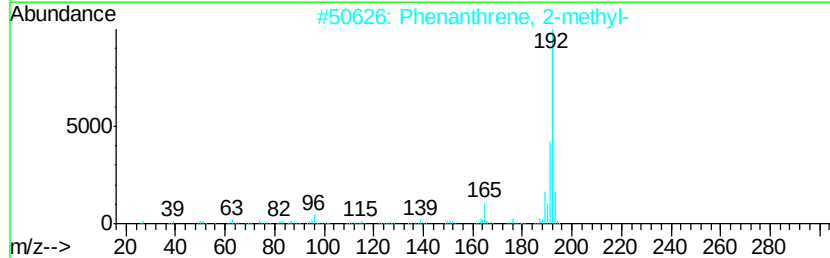
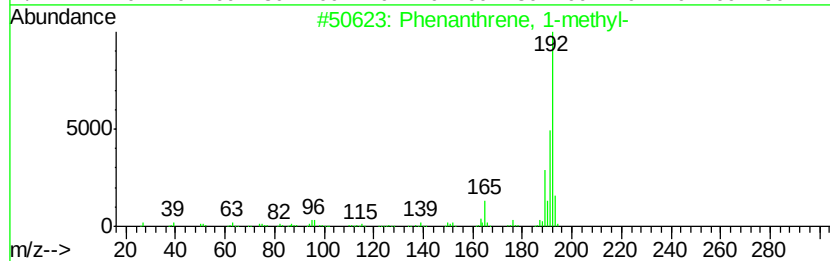
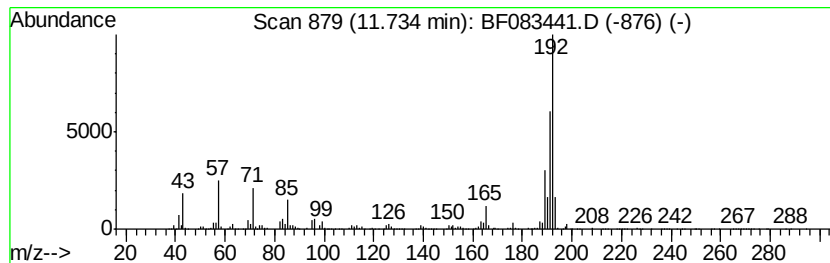
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	37.53 ng	3338820	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

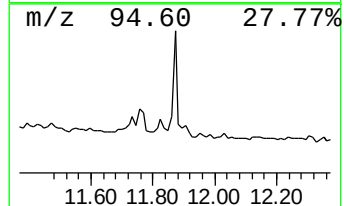
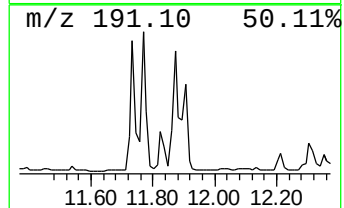
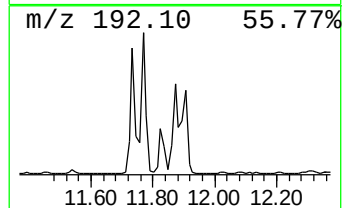
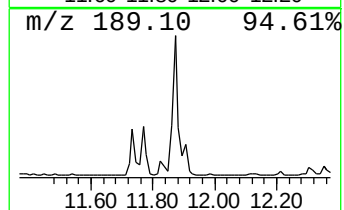
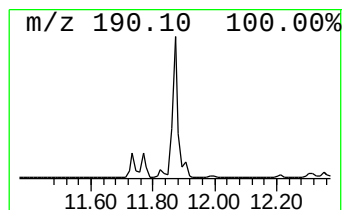
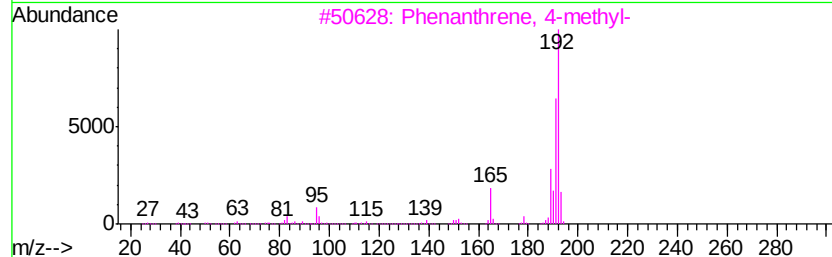
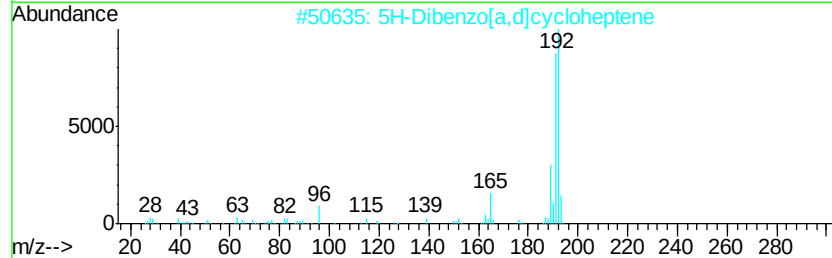
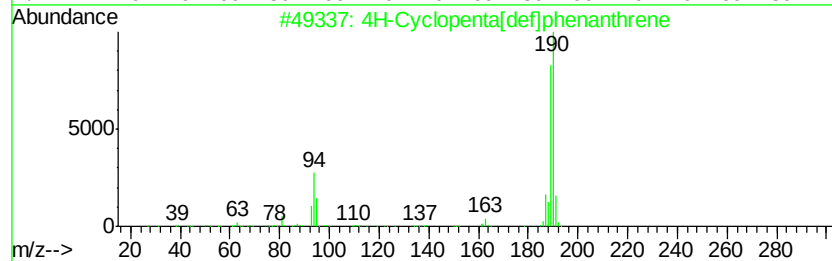
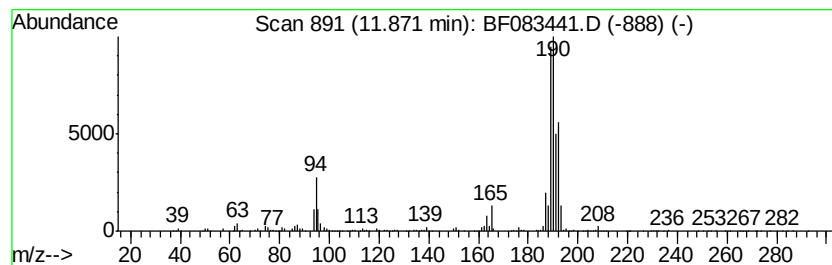
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	32.41 ng	2883450	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083441.D
Acq On : 3 Dec 2015 3:50
Operator : UM/IZ
Sample : G4583-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(0-4)

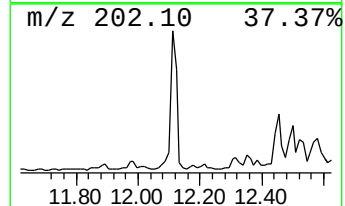
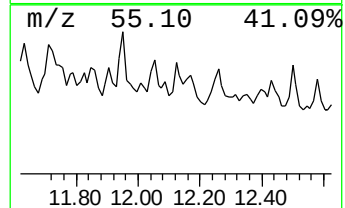
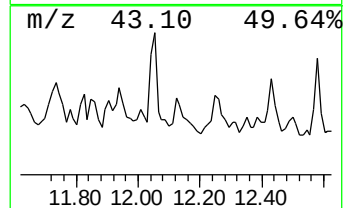
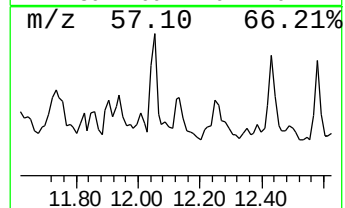
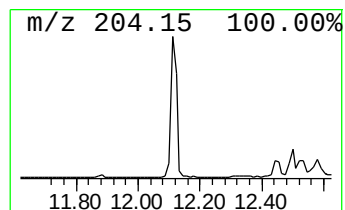
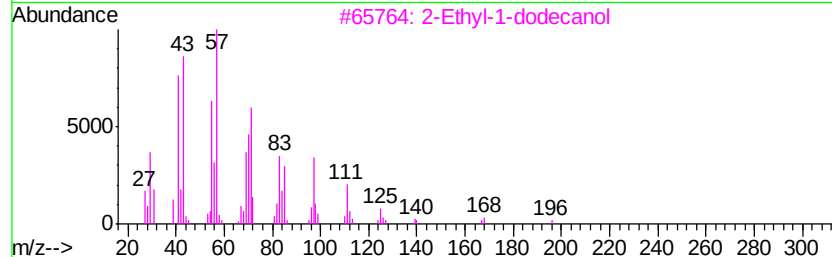
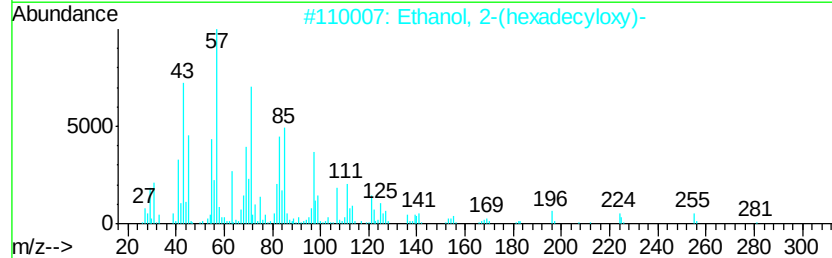
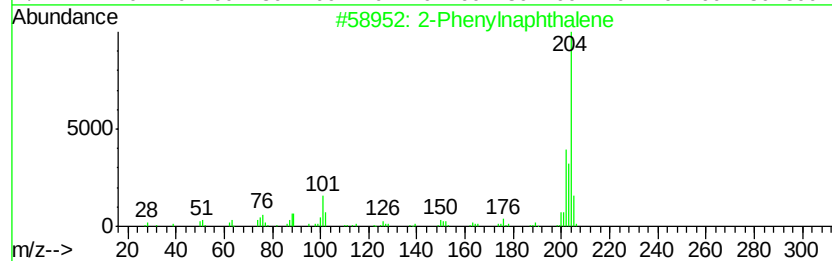
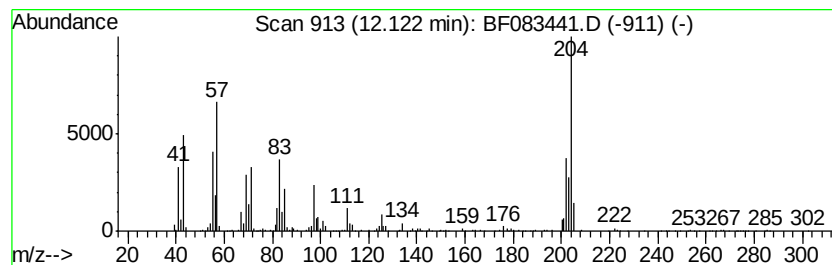
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown12.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	34.55 ng	3074110	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylanthralene	204	C16H12	035465-71-5	46
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	30
3		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	27
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	25
5		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083441.D
 Acq On : 3 Dec 2015 3:50
 Operator : UM/IZ
 Sample : G4583-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-02(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	39.1	ng	1570150	1	6.54	802580	20.0
Benzene, 1,3-dime...	5.05	26.2	ng	1050790	1	6.54	802580	20.0
Benzene, 1-ethyl-...	6.05	34.0	ng	1366160	1	6.54	802580	20.0
unknown6.32	6.32	137.4	ng	5514980	1	6.54	802580	20.0
Benzene, 1,2,4-tr...	6.36	47.2	ng	1892470	1	6.54	802580	20.0
Benzene, 1-propynyl-	6.81	50.1	ng	2009860	1	6.54	802580	20.0
Decane, 3-methyl-	6.96	36.9	ng	1479260	1	6.54	802580	20.0
Undecane	7.17	54.2	ng	2174110	1	6.54	802580	20.0
Cyclopentane, 1-e...	8.75	34.8	ng	6519850	3	9.58	3750940	20.0
Pentadecane, 2,6,...	10.27	52.6	ng	9858860	3	9.58	3750940	20.0
Dodecane, 2,6,11-...	10.54	141.2	ng	12566700	4	11.13	1779480	20.0
unknown10.73	10.73	29.1	ng	2586810	4	11.13	1779480	20.0
Eicosane	11.01	39.9	ng	3552690	4	11.13	1779480	20.0
Heptadecane, 2,6,...	11.06	62.5	ng	5564080	4	11.13	1779480	20.0
Dodecane, 2-methy...	11.53	33.1	ng	2942720	4	11.13	1779480	20.0
Phenanthrene, 1-m...	11.73	37.5	ng	3338820	4	11.13	1779480	20.0
4H-Cyclopenta[def...	11.87	32.4	ng	2883450	4	11.13	1779480	20.0
unknown12.12	12.12	34.5	ng	3074110	4	11.13	1779480	20.0