

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084264.D
 Acq On : 5 Jan 2016 4:36
 Operator : UM/SJ
 Sample : G4990-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

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-BF123115.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	3.870	153	156	160	rVB	868141	1349430	15.75%	1.764%
2	5.081	259	262	266	rVB	812844	927959	10.83%	1.213%
3	5.504	296	299	301	rVB	4992661	4526106	52.84%	5.916%
4	6.533	386	389	391	rBV	2891380	3214784	37.53%	4.202%
5	6.659	397	400	402	rBV	6215323	6570115	76.70%	8.588%
6	6.887	418	420	423	rBV	2203264	1878449	21.93%	2.455%
7	6.956	424	426	428	rBV	108866	100946	1.18%	0.132%
8	7.047	431	434	436	rBV	6972878	6361973	74.27%	8.316%
9	7.230	448	450	453	rVB	346613	312761	3.65%	0.409%
10	7.287	453	455	457	rBV2	103419	127280	1.49%	0.166%
11	7.459	466	470	472	rBV	5531321	6202833	72.41%	8.108%
12	7.539	475	477	478	rBV	173263	180891	2.11%	0.236%
13	7.584	478	481	482	rBV	211936	216333	2.53%	0.283%
14	7.664	484	488	490	rVB2	439107	512441	5.98%	0.670%
15	7.699	490	491	493	rBV2	74303	90015	1.05%	0.118%
16	7.824	500	502	504	rBV2	271081	454811	5.31%	0.595%
17	7.916	507	510	512	rBV2	152105	235642	2.75%	0.308%
18	7.985	514	516	517	rBV	126899	165075	1.93%	0.216%
19	8.087	522	525	526	rBV2	75641	105226	1.23%	0.138%
20	8.122	526	528	529	rVB2	77469	101127	1.18%	0.132%
21	8.179	530	533	535	rBV	2522937	3030495	35.38%	3.961%
22	8.305	542	544	545	rVB2	119947	131526	1.54%	0.172%
23	8.373	545	550	552	rBV4	307110	492981	5.75%	0.644%
24	8.419	552	554	557	rBV2	307646	320399	3.74%	0.419%
25	8.465	557	558	560	rBV2	67756	91156	1.06%	0.119%
26	8.510	560	562	564	rBV3	131247	216978	2.53%	0.284%
27	8.556	564	566	568	rVB	215647	229729	2.68%	0.300%
28	8.647	568	574	576	rBV5	140255	468144	5.47%	0.612%
29	8.739	580	582	584	rBV2	153976	227454	2.66%	0.297%
30	8.865	592	593	596	rVB3	168621	190691	2.23%	0.249%
31	8.922	596	598	599	rBV2	102494	139642	1.63%	0.183%
32	8.956	599	601	602	rVV	282849	327299	3.82%	0.428%
33	8.990	602	604	606	rVV2	377550	547179	6.39%	0.715%
34	9.025	606	607	609	rVV	103765	144895	1.69%	0.189%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084264.D
 Acq On : 5 Jan 2016 4:36
 Operator : UM/SJ
 Sample : G4990-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.070	609	611	613	rVV2	97571	132429	1.55%	0.173%
36	9.127	613	616	618	rVV4	127021	291571	3.40%	0.381%
37	9.207	619	623	625	rVV4	199312	588595	6.87%	0.769%
38	9.253	625	627	629	rVV	7099491	8566178	100.00%	11.197%
39	9.287	629	630	632	rVV2	209646	230663	2.69%	0.302%
40	9.333	632	634	635	rVV2	128663	135678	1.58%	0.177%
41	9.379	636	638	641	rVV3	136729	302377	3.53%	0.395%
42	9.448	642	644	646	rVB3	162167	197135	2.30%	0.258%
43	9.596	654	657	659	rBV	373413	449761	5.25%	0.588%
44	9.653	659	662	663	rVV	318278	323138	3.77%	0.422%
45	9.790	672	674	676	rBV2	113451	204065	2.38%	0.267%
46	9.928	684	686	688	rVV	2022260	2448886	28.59%	3.201%
47	9.962	688	689	691	rVB	99252	87899	1.03%	0.115%
48	10.248	712	714	717	rVB3	92005	108555	1.27%	0.142%
49	10.293	717	718	722	rVV3	124551	211262	2.47%	0.276%
50	10.362	722	724	726	rVB	407579	375495	4.38%	0.491%
51	10.430	728	730	733	rBV3	70848	103406	1.21%	0.135%
52	10.545	738	740	741	rBV2	70612	87581	1.02%	0.114%
53	10.671	749	751	752	rBV2	140415	137227	1.60%	0.179%
54	10.728	753	756	758	rVB	4499515	5511063	64.34%	7.204%
55	10.842	764	766	770	rVB2	245624	512691	5.99%	0.670%
56	10.911	770	772	773	rBV	245327	268504	3.13%	0.351%
57	10.945	773	775	776	rVV	220650	302553	3.53%	0.395%
58	10.979	776	778	781	rVV2	180984	380499	4.44%	0.497%
59	11.036	781	783	786	rVV2	121539	327223	3.82%	0.428%
60	11.082	786	787	789	rVV2	209337	284794	3.32%	0.372%
61	11.128	789	791	793	rVV	185676	296420	3.46%	0.387%
62	11.162	793	794	797	rVB	158289	164136	1.92%	0.215%
63	11.288	803	805	806	rBV	242795	217777	2.54%	0.285%
64	11.413	814	816	819	rBV	2201173	2199114	25.67%	2.875%
65	11.631	833	835	838	rBV	337652	333382	3.89%	0.436%
66	11.791	847	849	854	rVB3	89736	197944	2.31%	0.259%
67	12.122	876	878	881	rBV2	64691	87972	1.03%	0.115%
68	12.785	934	936	938	rBV	303056	280698	3.28%	0.367%
69	13.002	952	955	958	rBV	5860657	6394533	74.65%	8.359%
70	13.791	1022	1024	1029	rBV	125952	170838	1.99%	0.223%
71	13.905	1031	1034	1036	rBV	136125	183895	2.15%	0.240%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.054	1044	1047	1049	rBV	1662095	1703486	19.89%	2.227%
73	15.494	1170	1173	1175	rBV	1214985	1510554	17.63%	1.975%

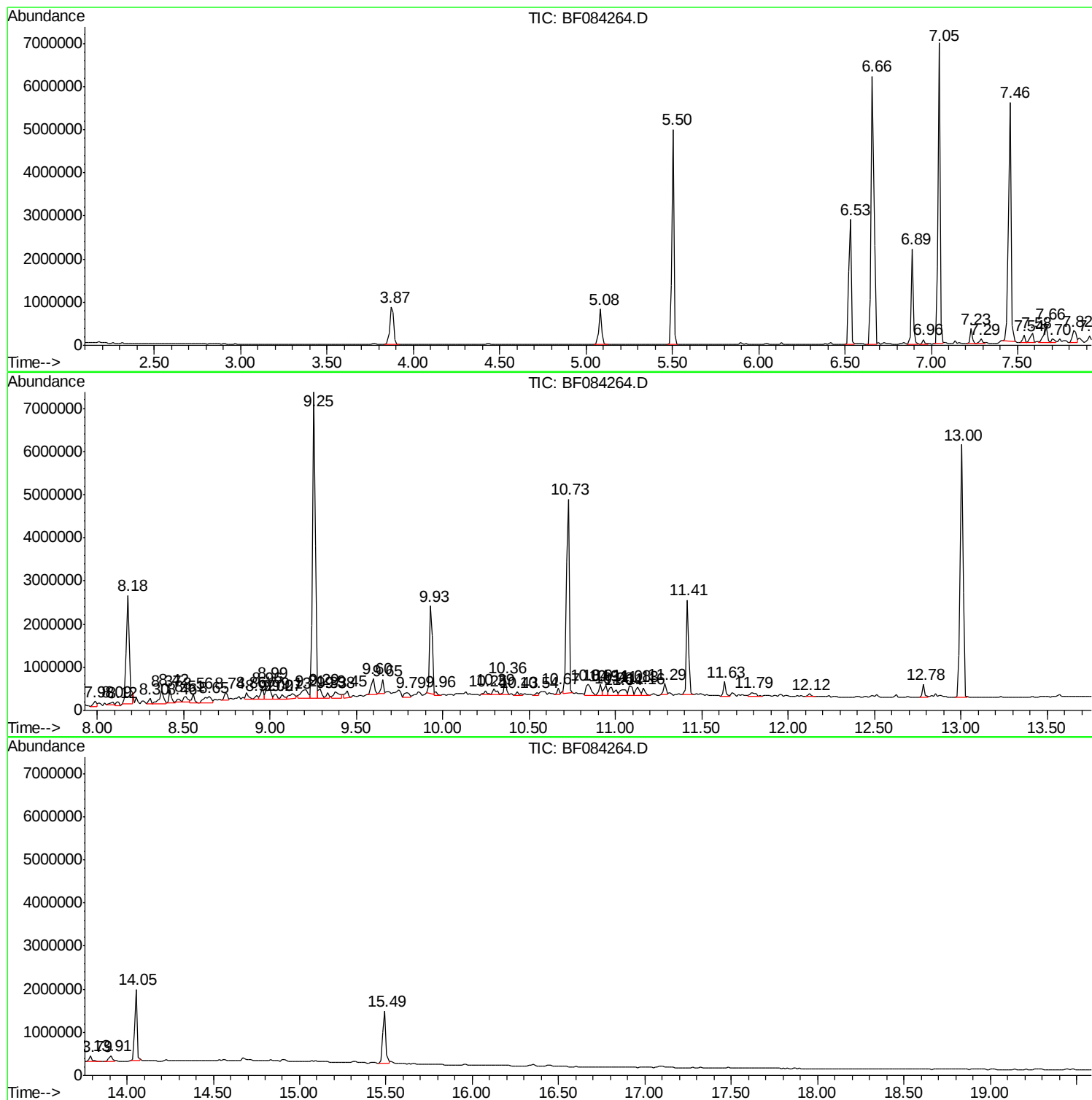
Sum of corrected areas: 76502742

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

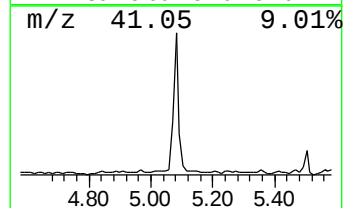
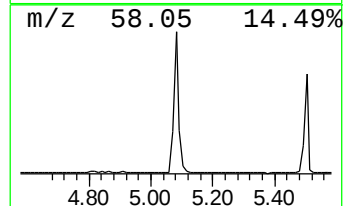
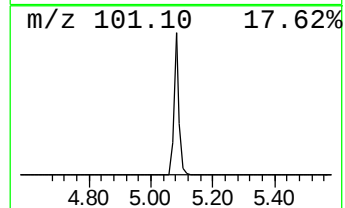
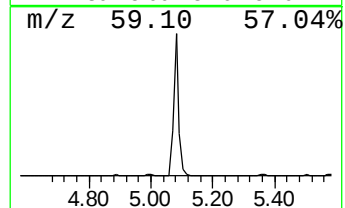
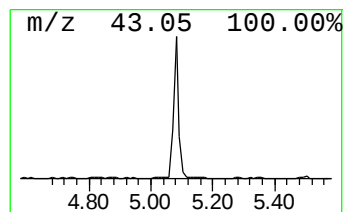
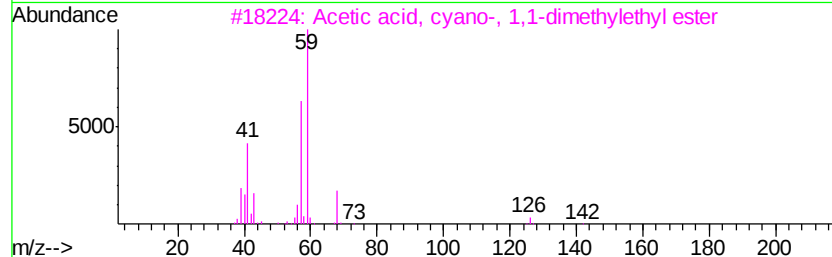
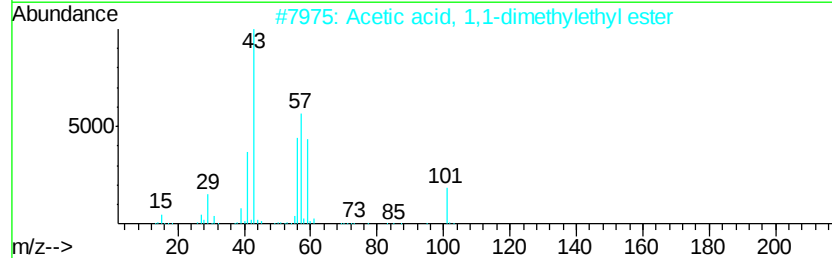
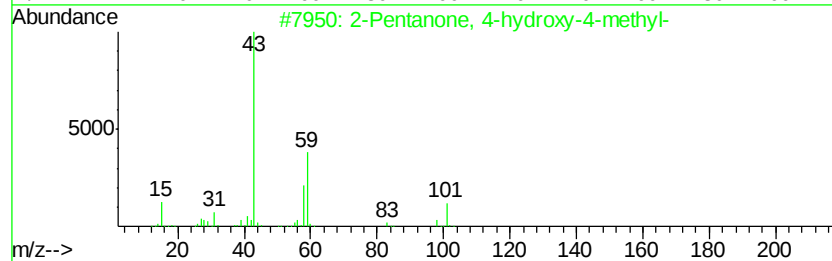
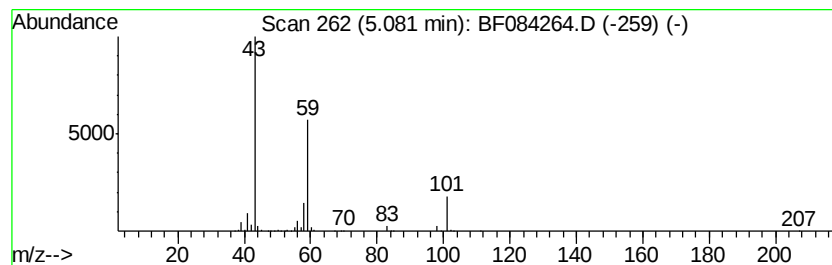
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	9.88 ng	927959	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

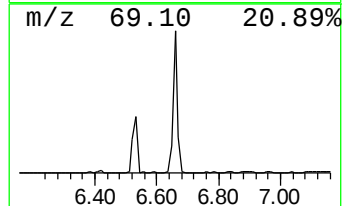
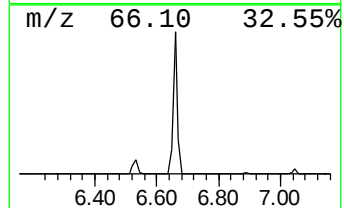
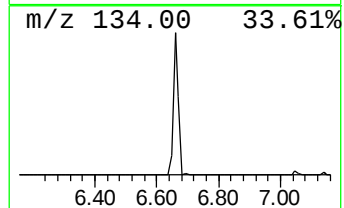
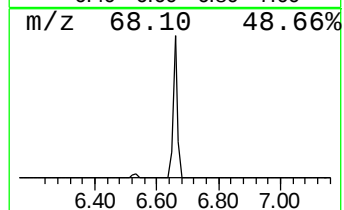
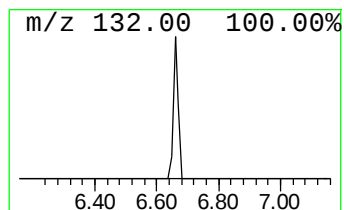
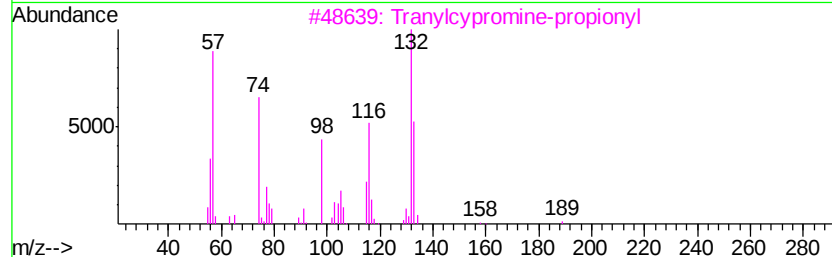
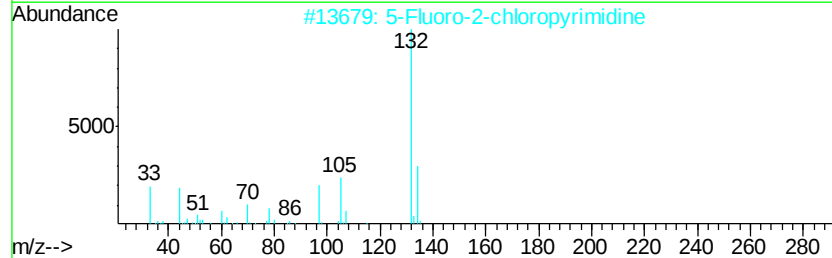
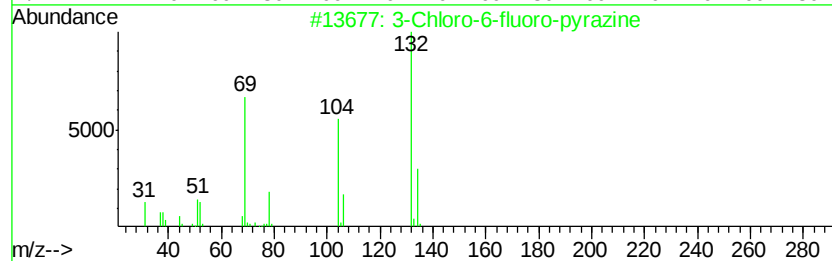
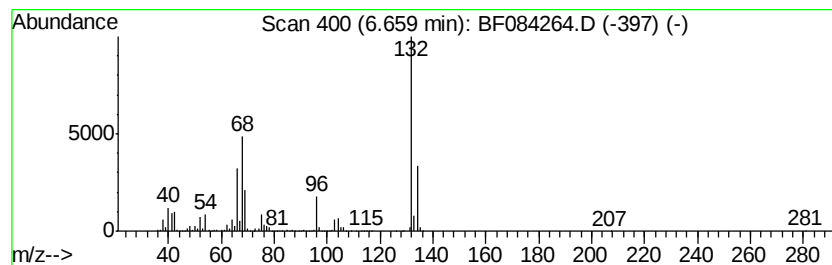
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	69.95 ng	6570120	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

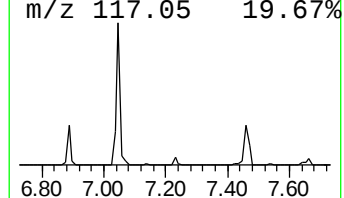
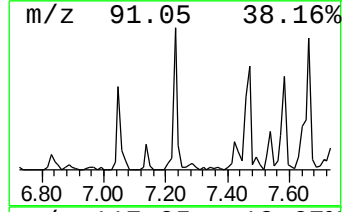
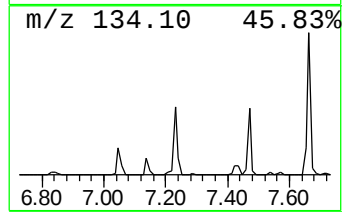
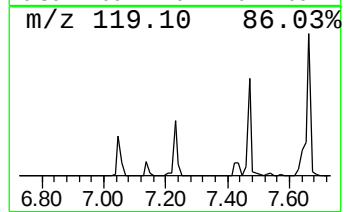
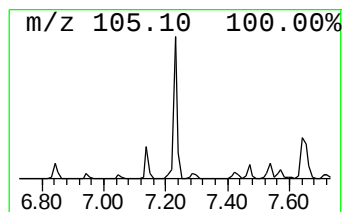
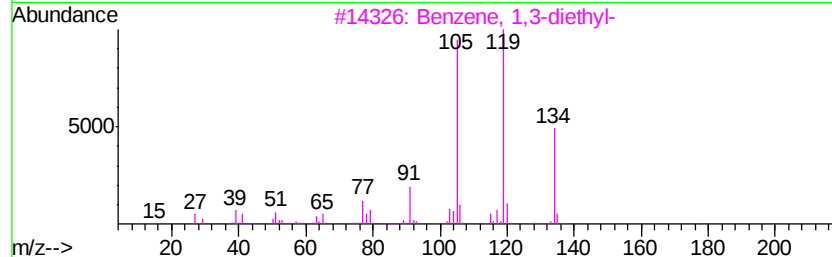
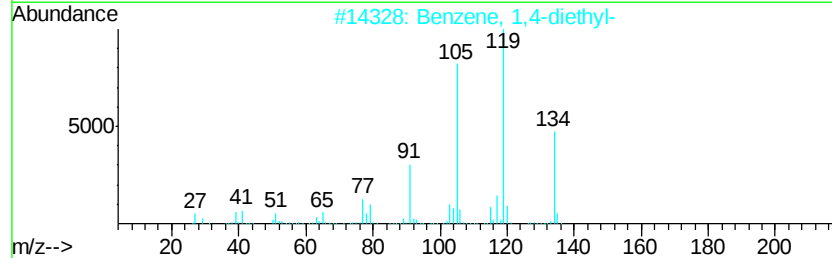
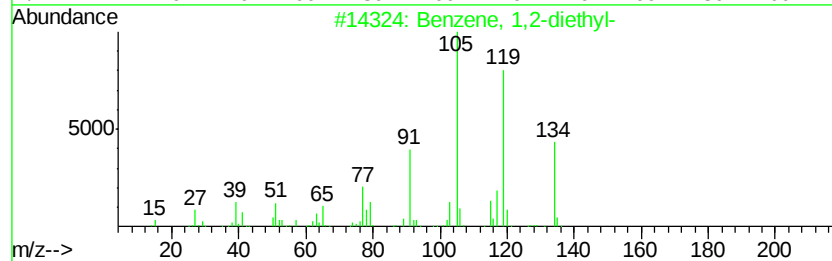
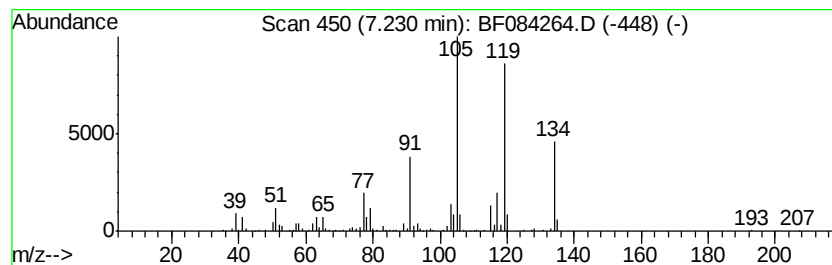
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	3.33 ng	312761	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

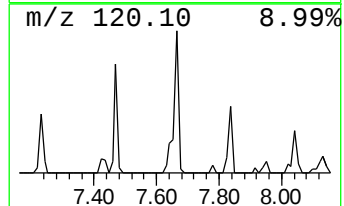
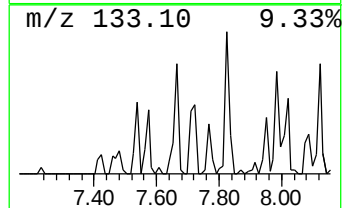
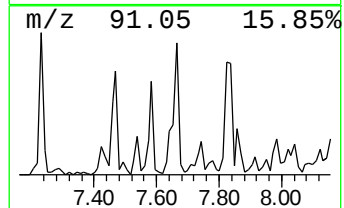
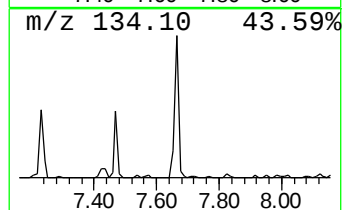
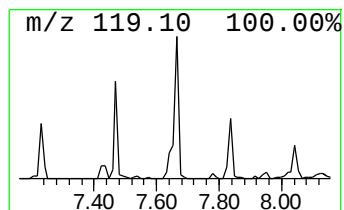
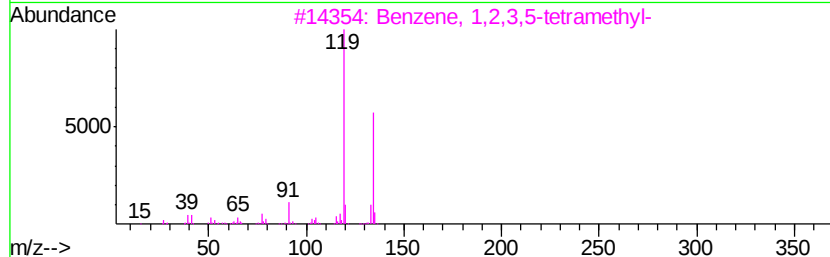
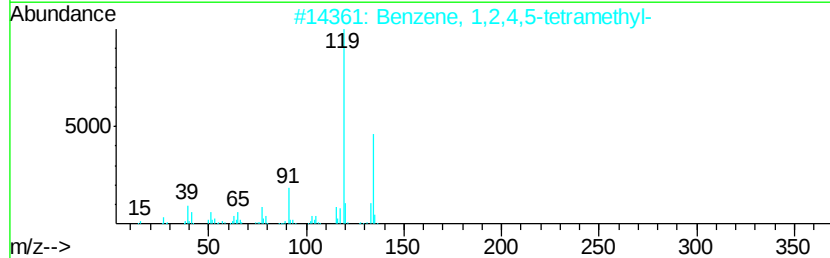
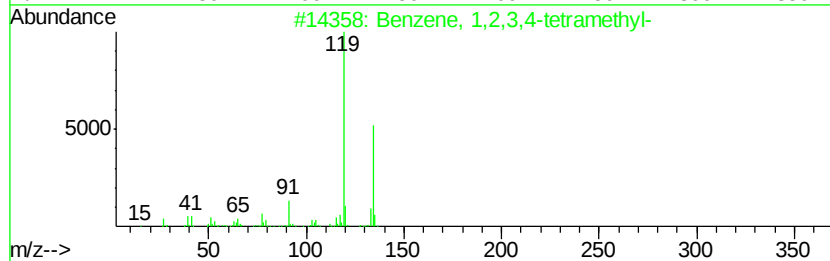
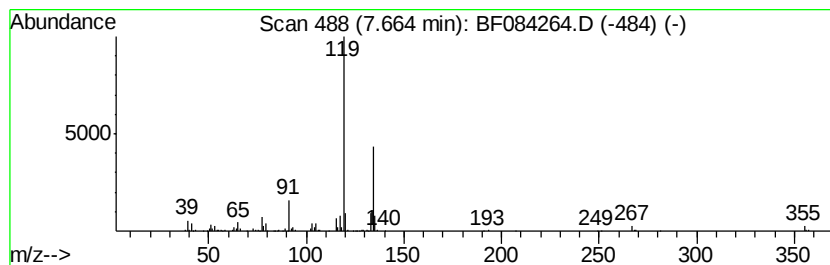
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	3.38 ng	512441	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

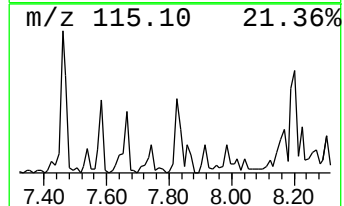
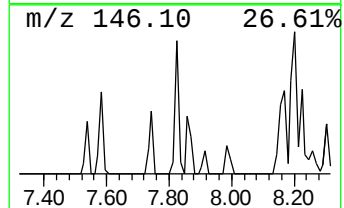
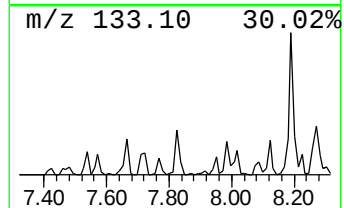
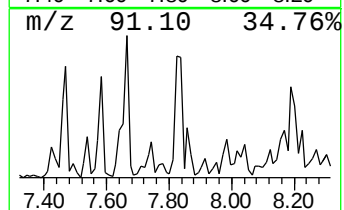
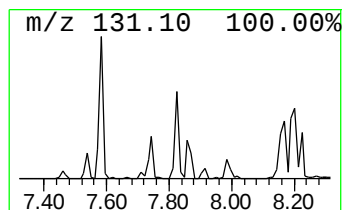
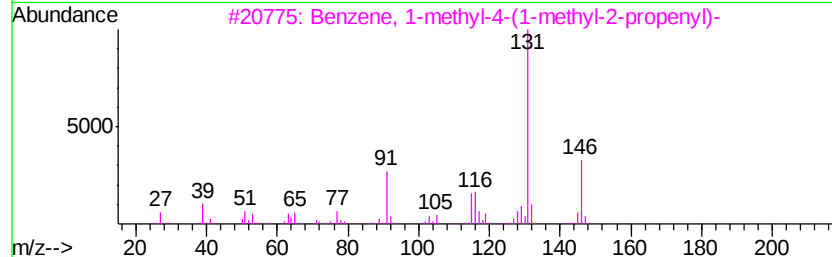
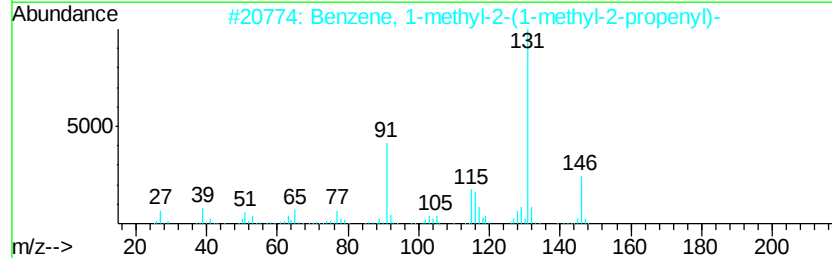
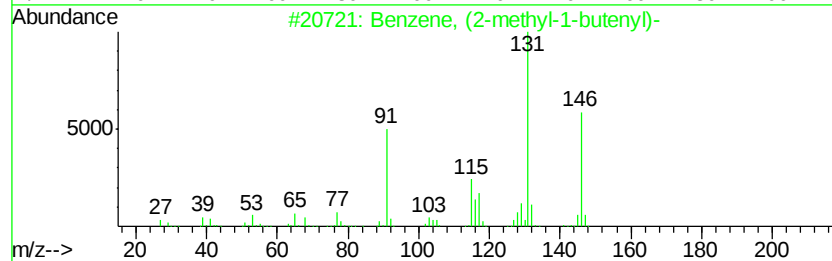
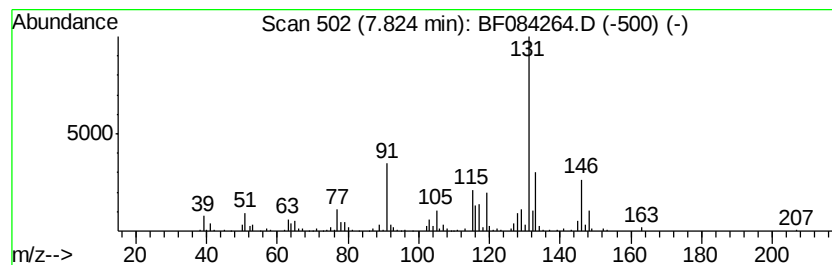
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.00 ng	454811	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	93
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	86
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

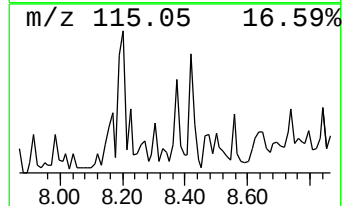
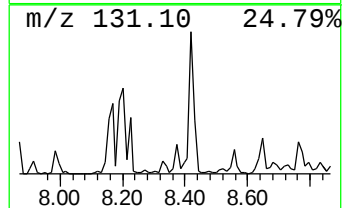
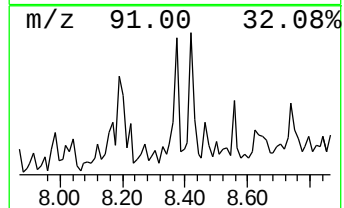
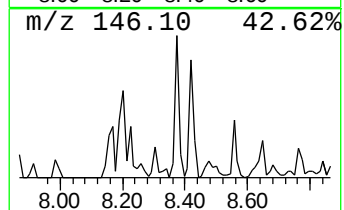
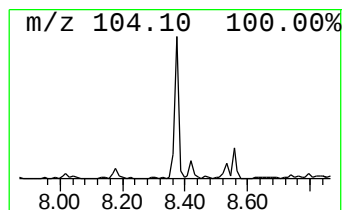
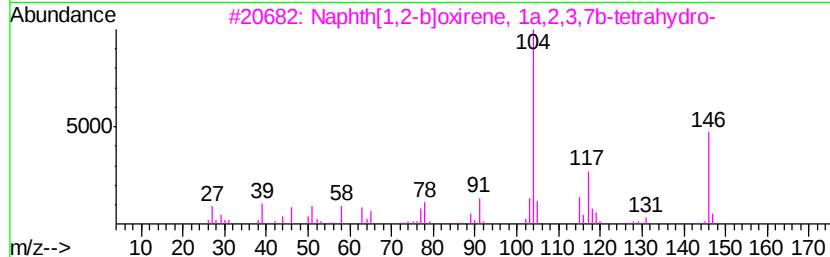
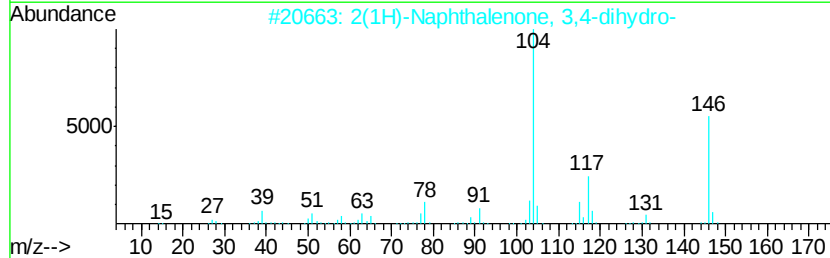
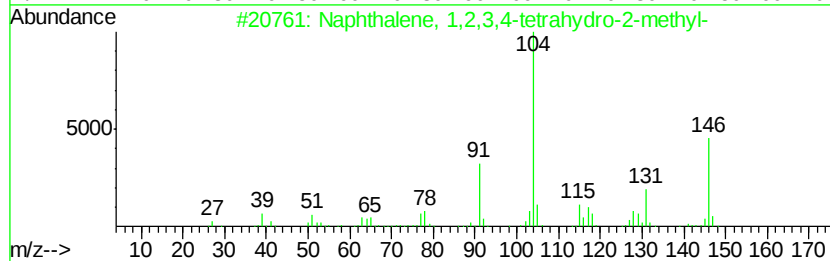
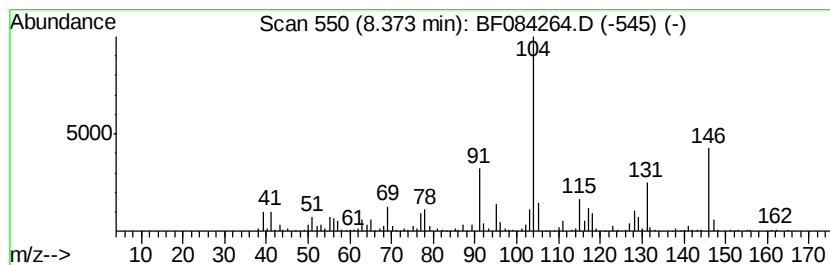
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	3.25 ng	492981	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	47
5		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

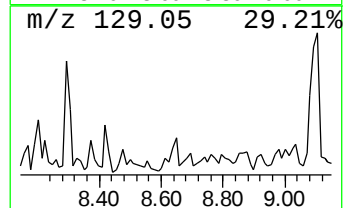
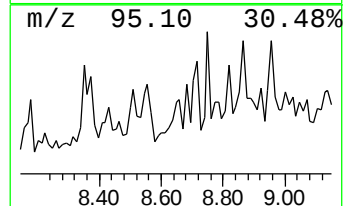
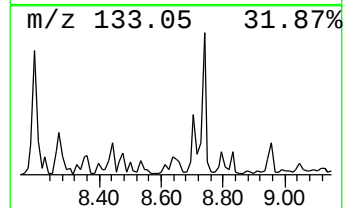
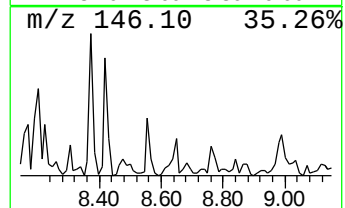
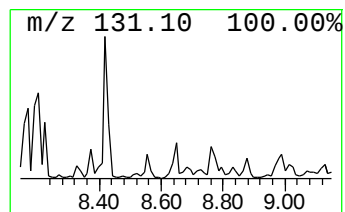
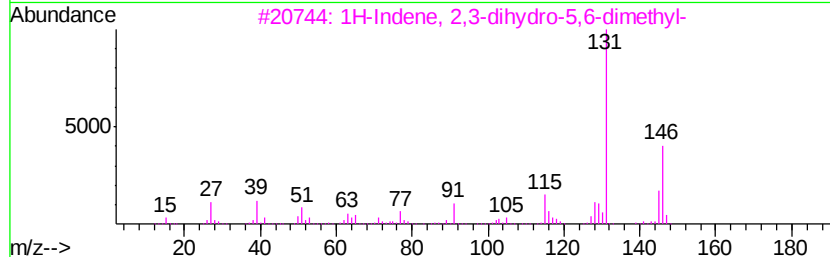
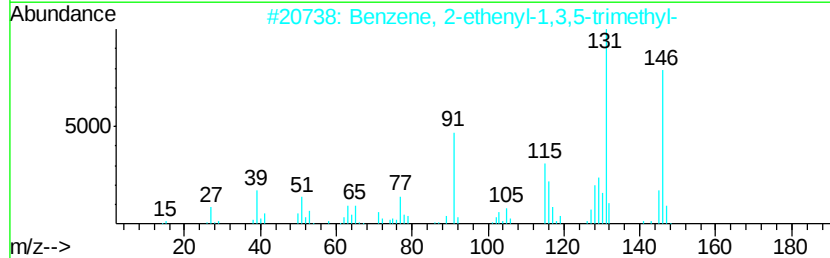
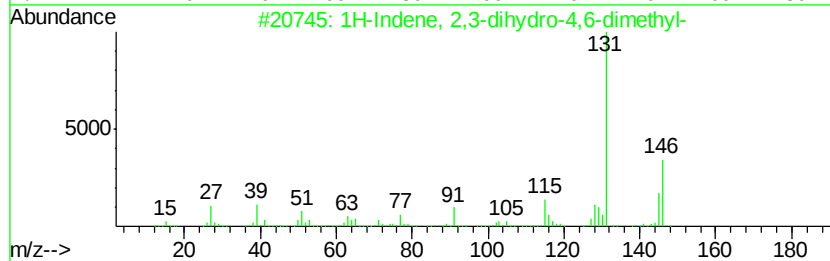
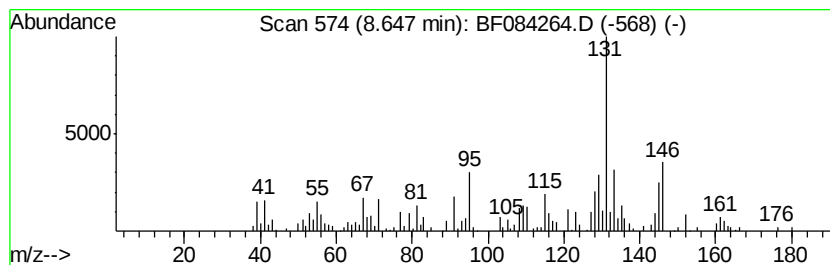
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.09 ng	468144	Napthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	52
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
3		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	49
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	49
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

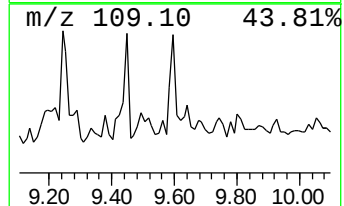
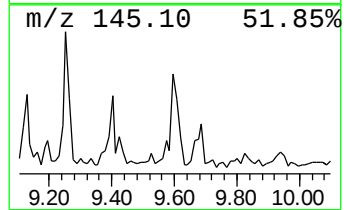
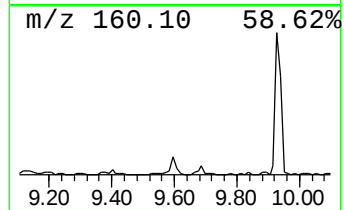
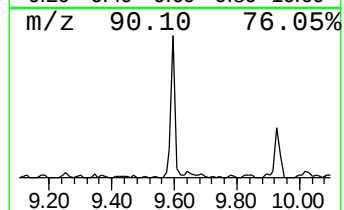
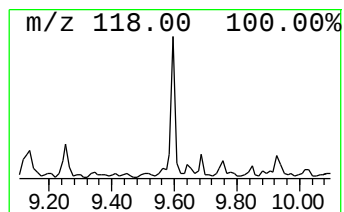
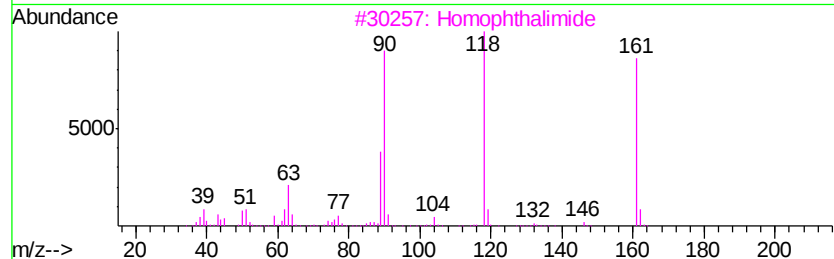
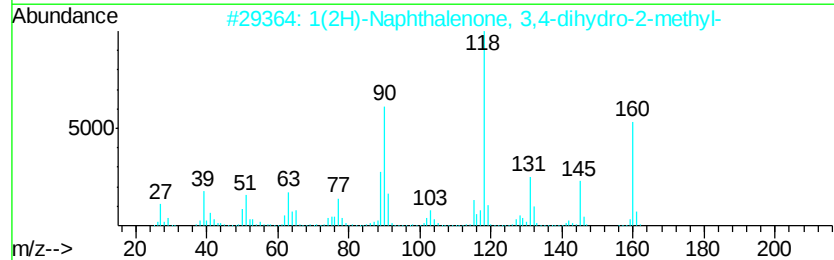
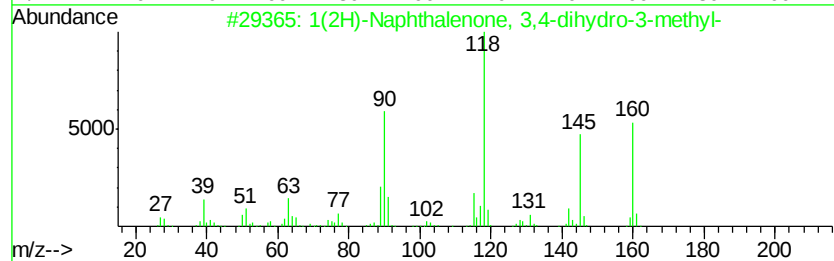
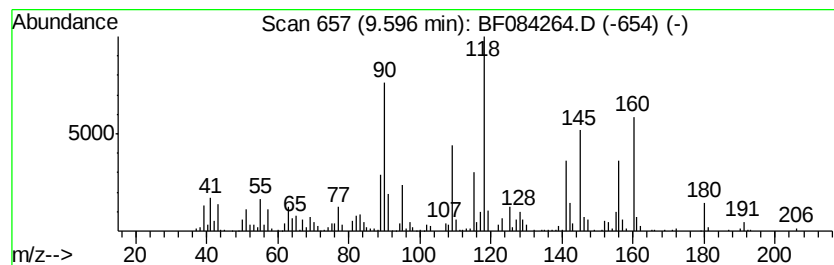
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.67 ng	449761	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	90
2		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	76
3		Homophthalimide	161	C9H7NO2	004456-77-3	52
4		1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	50
5		1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

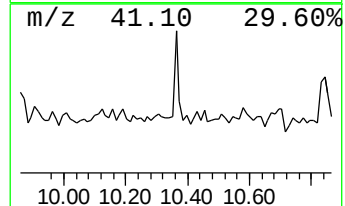
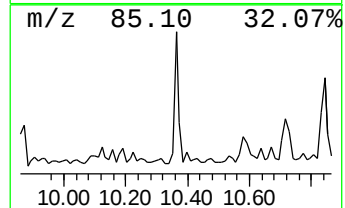
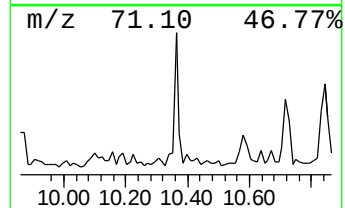
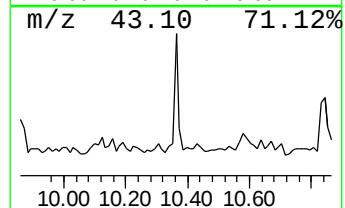
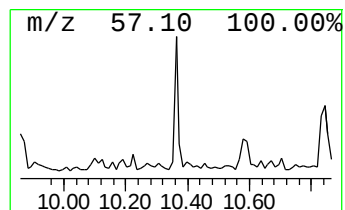
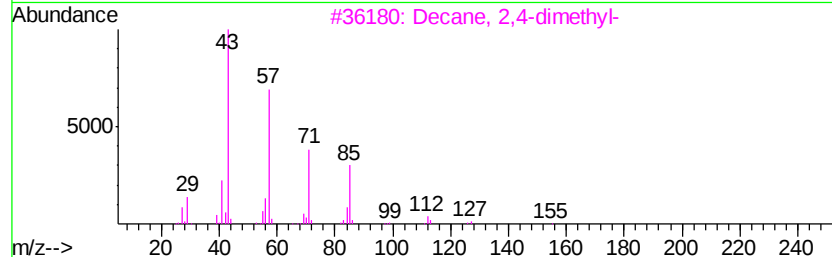
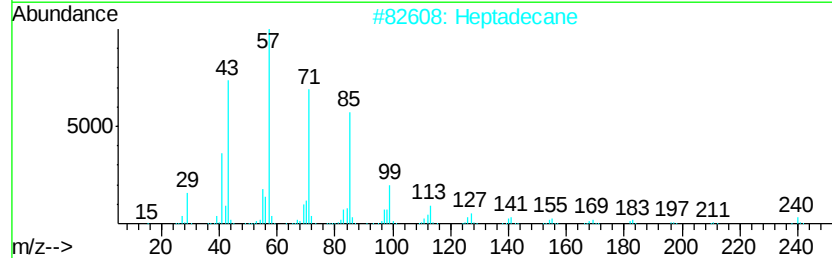
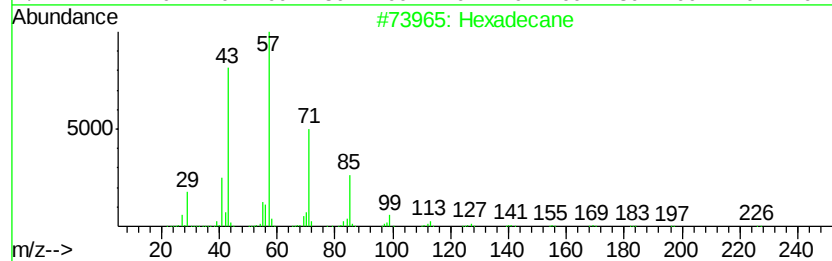
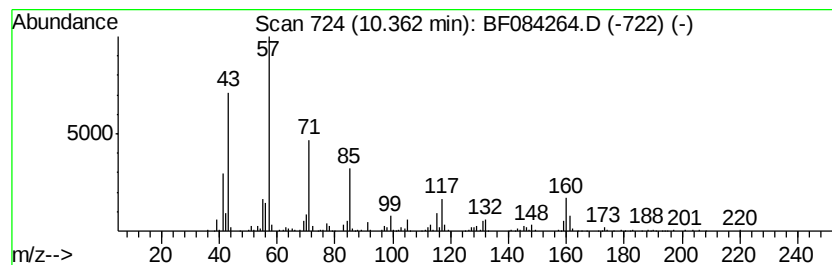
Instrument :
BNA_F
ClientSampleId :
W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.07 ng	375495	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	53
2	Heptadecane	240 C17H36	000629-78-7	47
3	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	47
4	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	43
5	Undecane, 2-methyl-	170 C12H26	007045-71-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

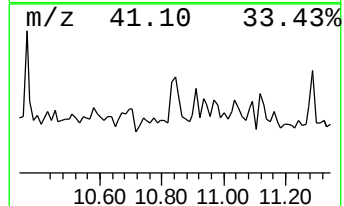
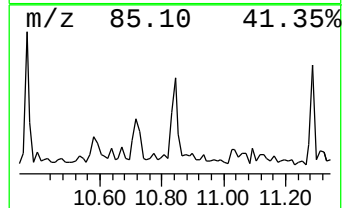
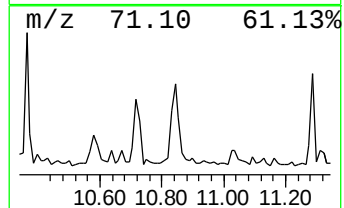
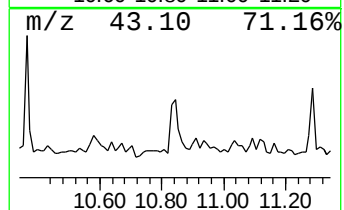
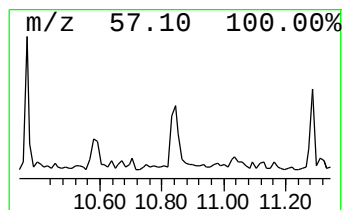
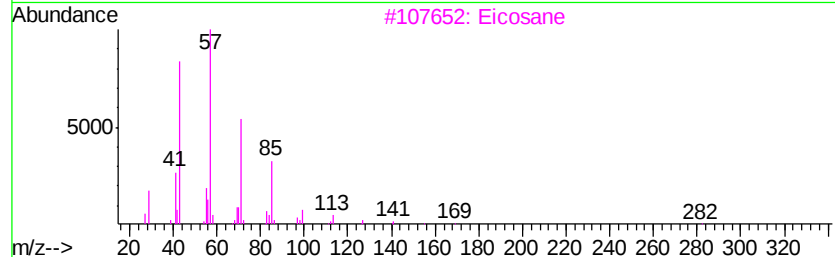
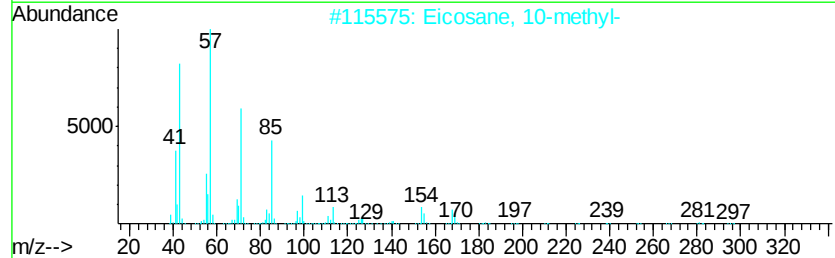
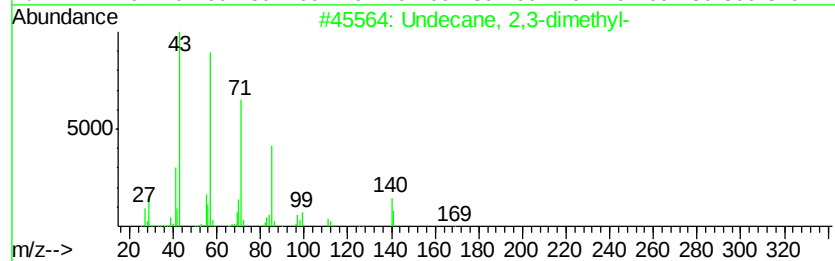
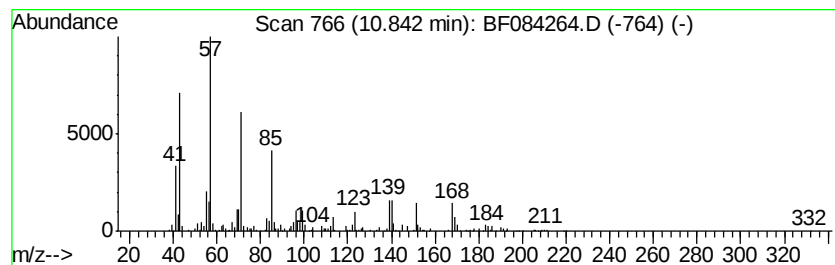
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.66 ng	512691	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	58
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
3		Eicosane	282	C20H42	000112-95-8	58
4		Octadecane	254	C18H38	000593-45-3	58
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

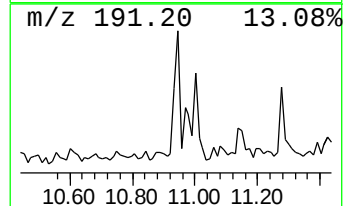
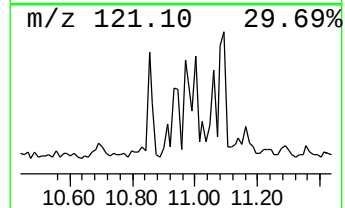
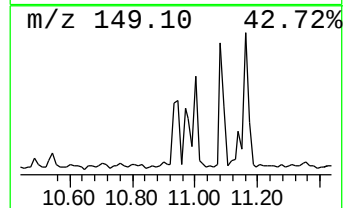
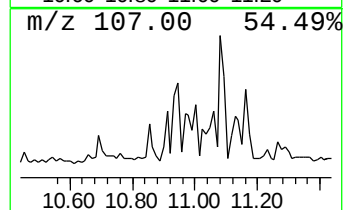
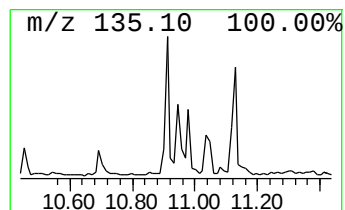
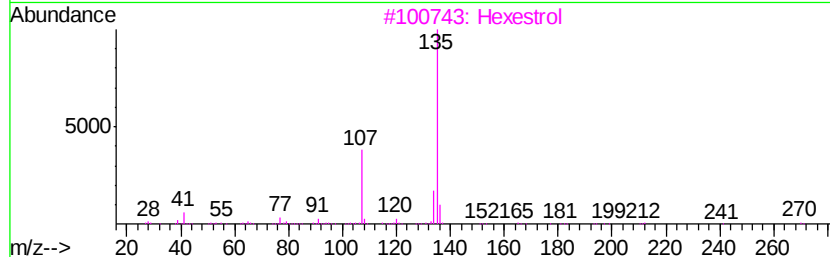
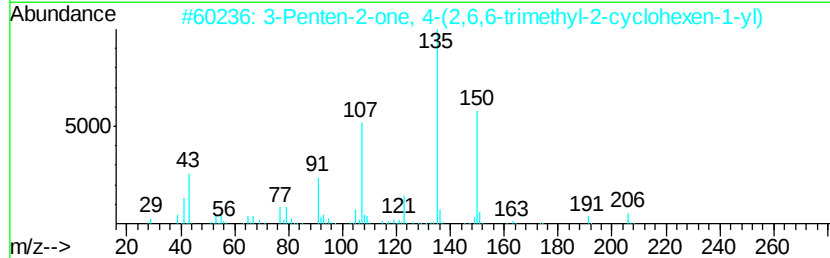
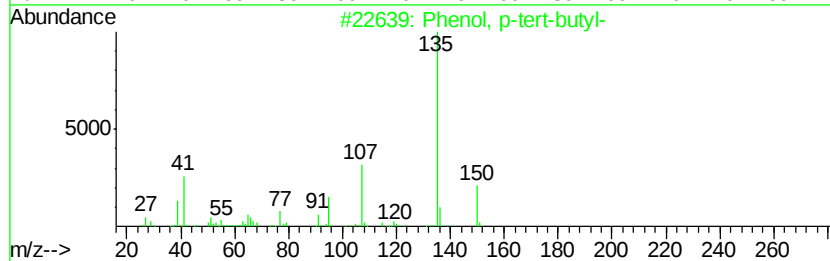
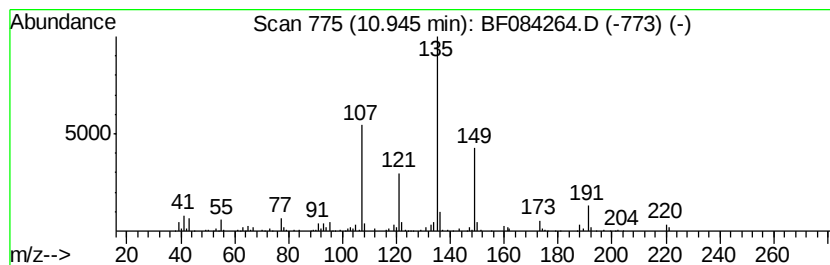
Instrument :
BNA_F
ClientSampleId :
W-24

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenol, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.75 ng	302553	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, p-tert-butyl-	150 C10H14O	000098-54-4	52
2	3-Penten-2-one, 4-(2,6,6-trimeth...	206 C14H22O	114933-28-7	50
3	Hexestrol	270 C18H22O2	005635-50-7	50
4	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457 C22H23N3O4S2	325957-76-4	50
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270 C18H22O2	000084-16-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

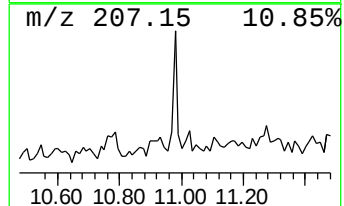
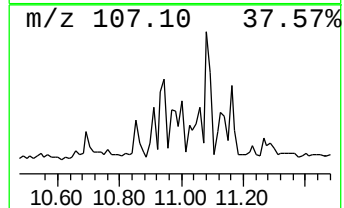
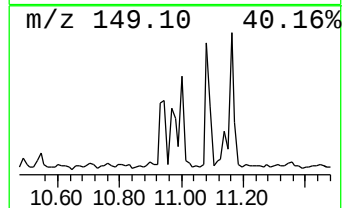
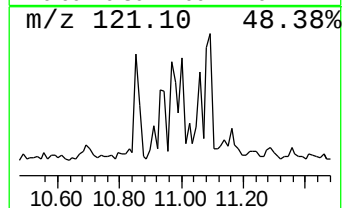
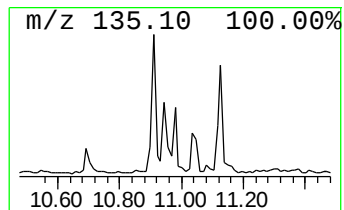
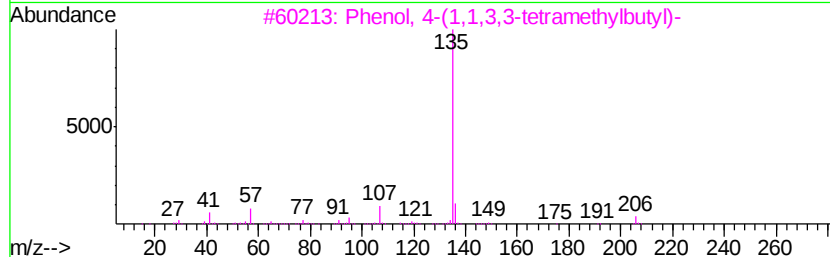
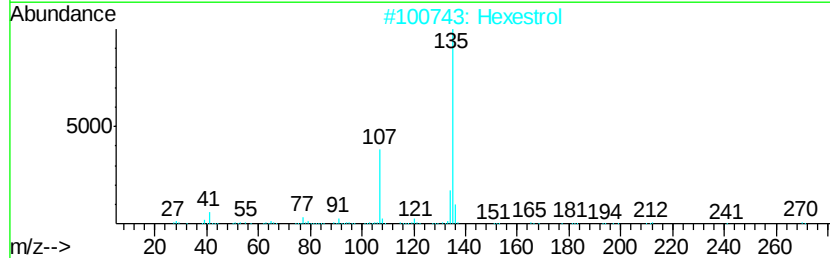
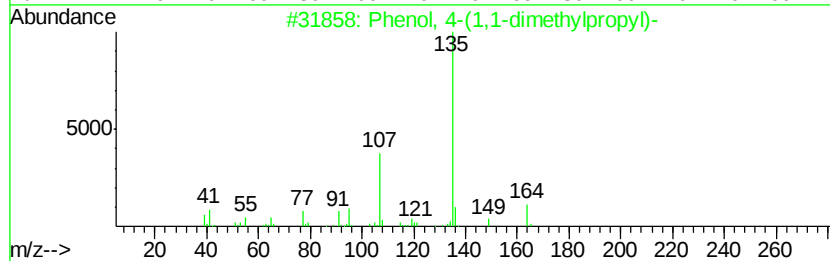
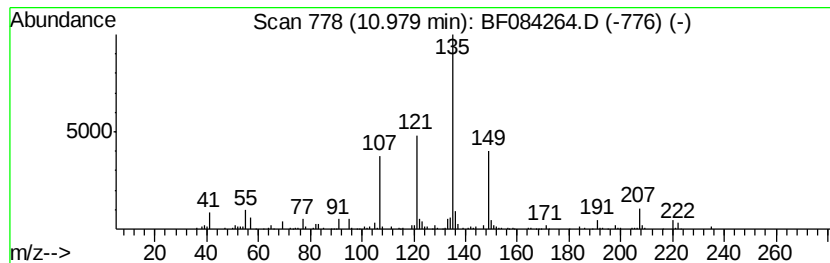
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.46 ng	380499	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	47
2		Hexestrol	270	C18H22O2	005635-50-7	47
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	43
4		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	38
5		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

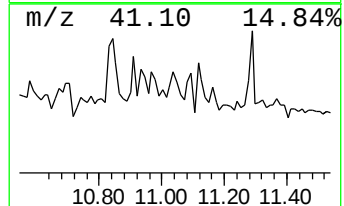
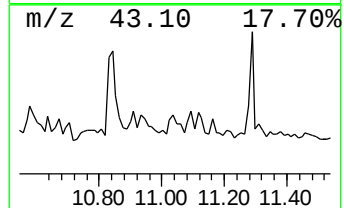
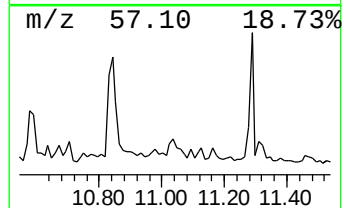
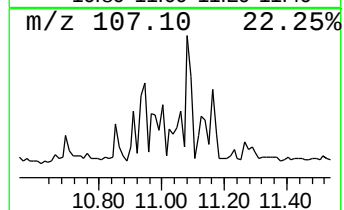
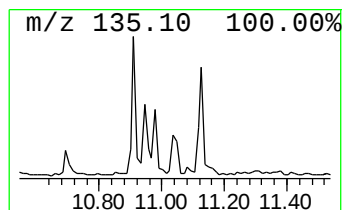
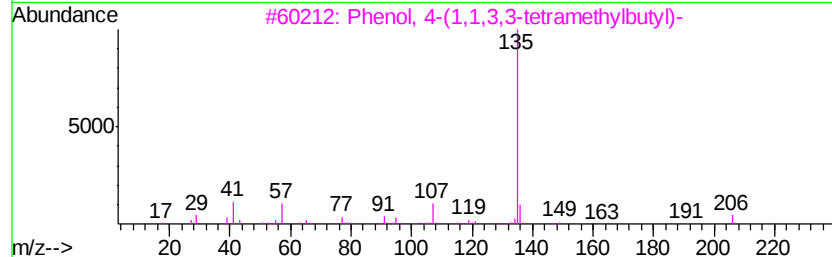
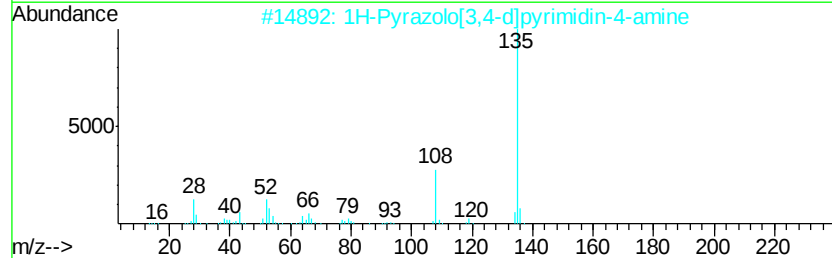
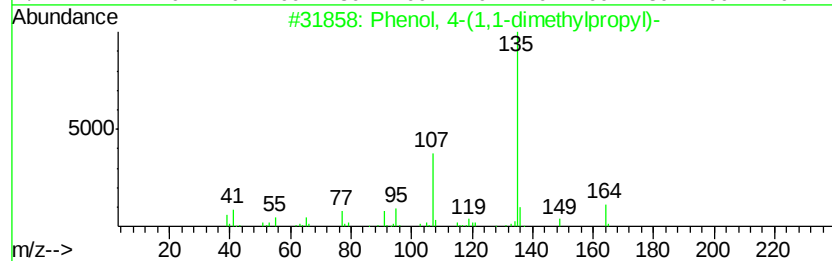
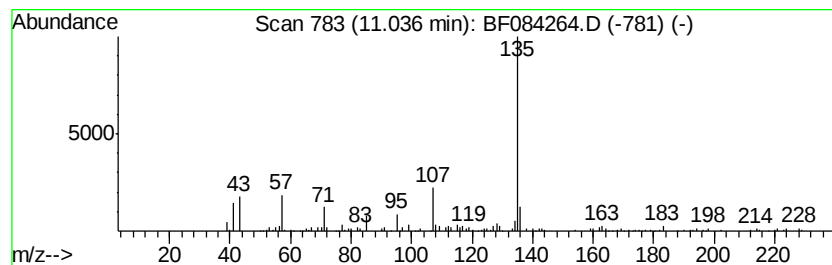
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.98 ng	327223	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
2		1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	53
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	50
4		2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	50
5		1-Adamantaneacetic acid	194	C12H18O2	004942-47-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

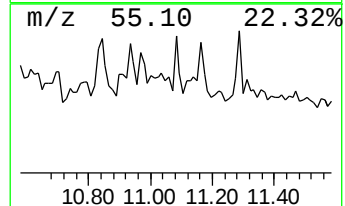
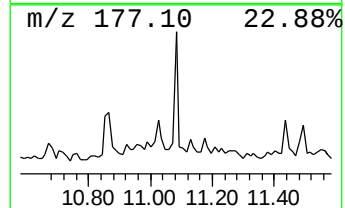
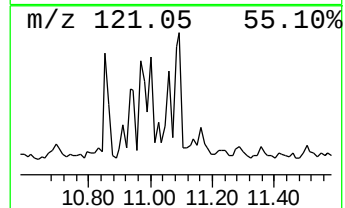
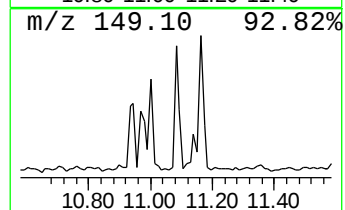
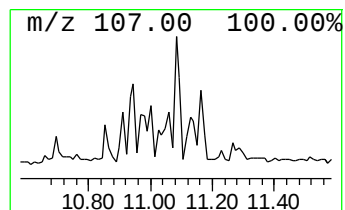
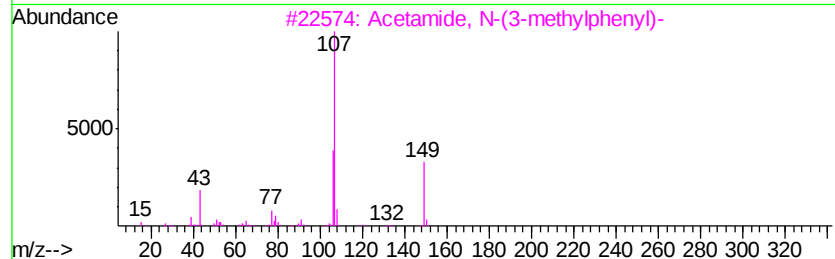
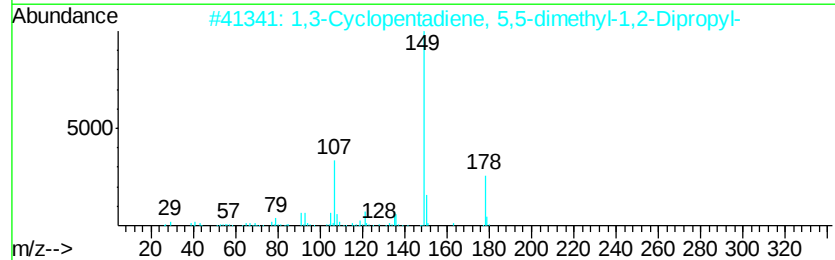
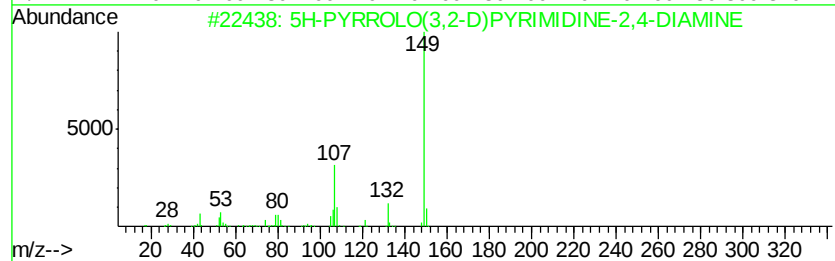
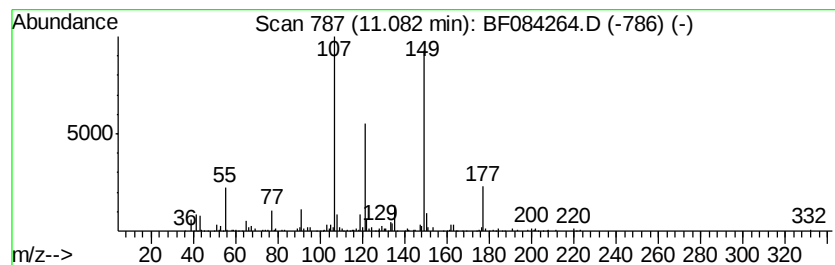
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.59 ng	284794	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	72
2		1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	64
3		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
4		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	38
5		Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

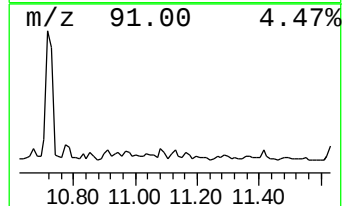
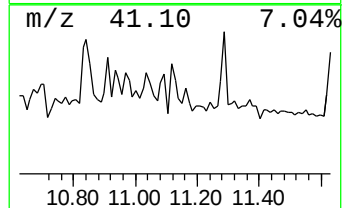
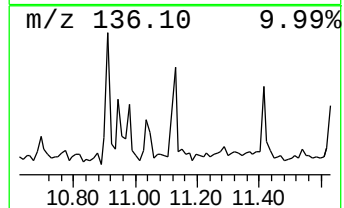
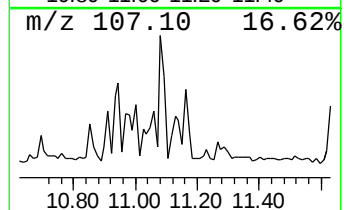
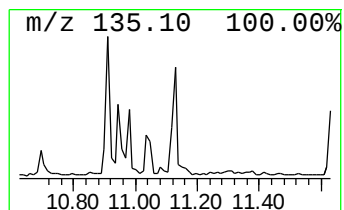
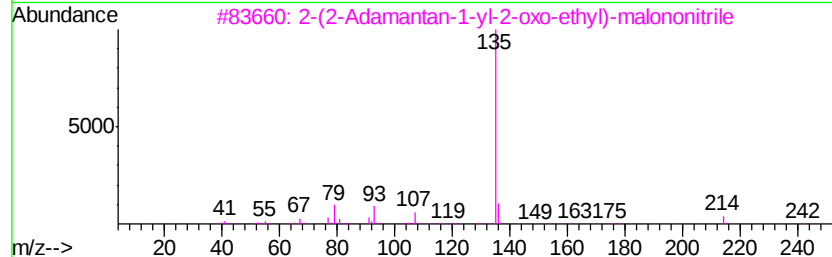
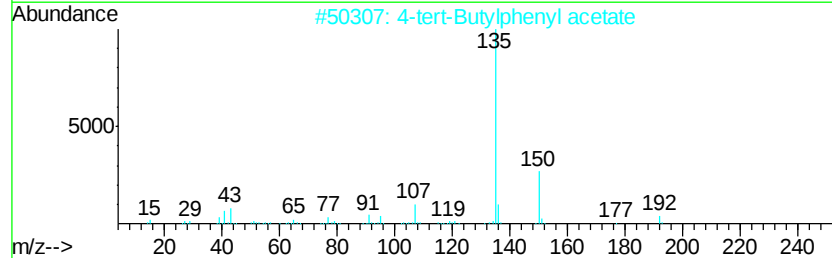
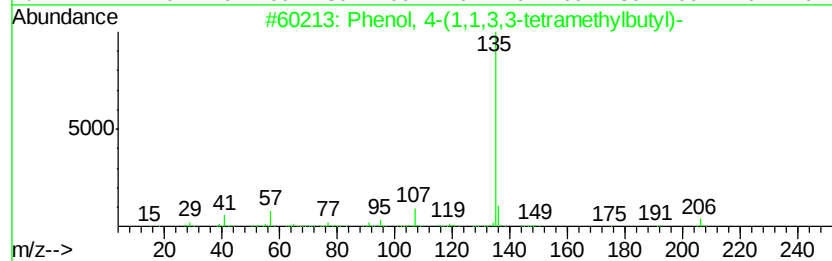
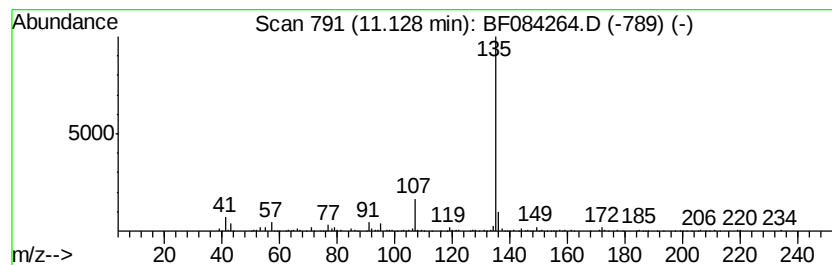
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.70 ng	296420	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
3			2-(2-Adamantan-1-yl-2-oxo-ethyl)...	242	C15H18N2O	1000296-74-8	64
4			Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5			Adamantane-1-carboxamide, N-(4-m...	261	C14H19N3O2	332042-32-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

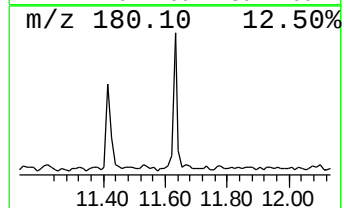
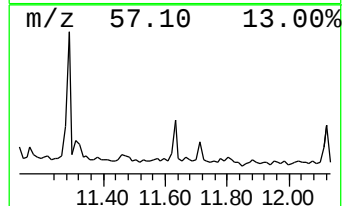
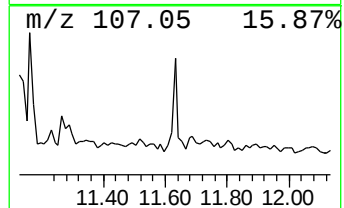
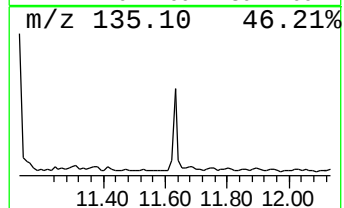
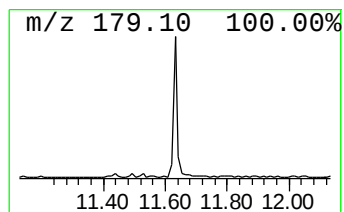
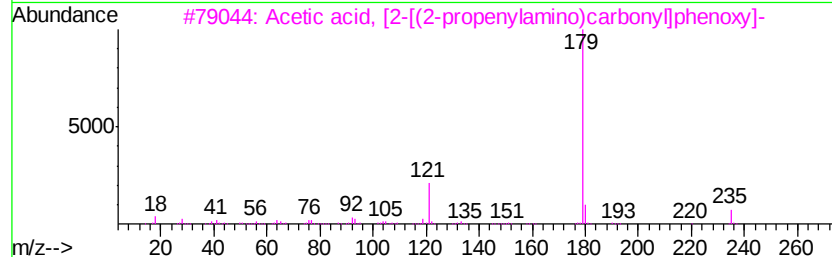
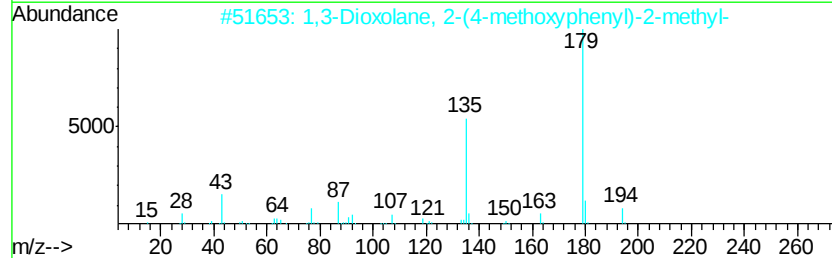
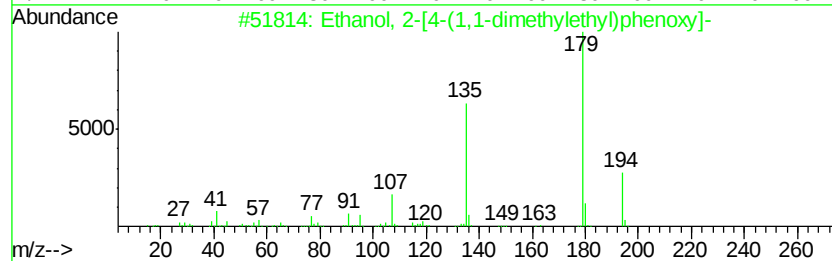
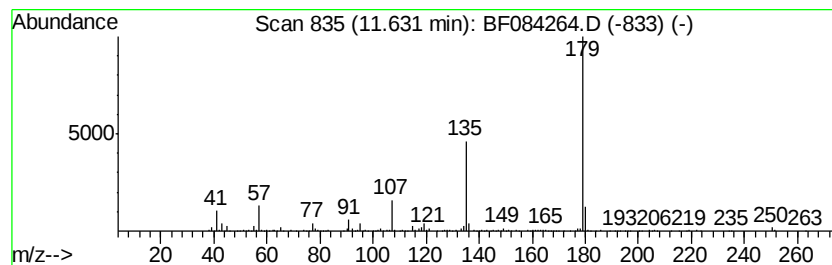
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.03 ng	333382	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[4-(1,1-dimethylethyl)phenoxy]-	194	C12H18O2	000713-46-2	50
2		1,3-Dioxolane, 2-(4-methoxyphenyl)-2-methyl-	194	C11H14O3	036881-00-2	38
3		Acetic acid, [2-[(2-propenylamino)carbonyl]phenoxy]-	235	C12H13NO4	000119-45-9	37
4		2-Cyclopenten-1-one, 3-(1-hepten-1-yl)-	250	C15H26OSi	1000159-28-7	25
5		Ethanol, 2-[4-(1,1-dimethylpropyl)phenoxy]-	208	C13H20O2	006382-07-6	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084264.D
Acq On : 5 Jan 2016 4:36
Operator : UM/SJ
Sample : G4990-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-24

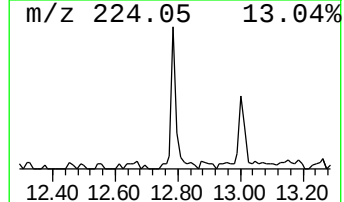
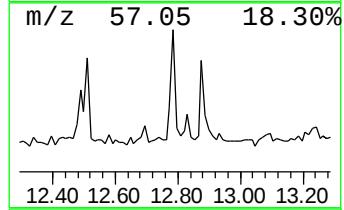
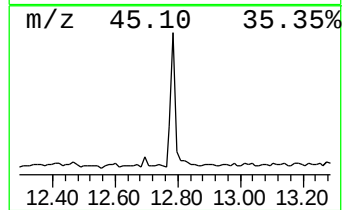
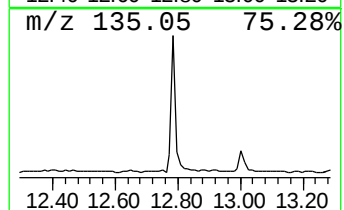
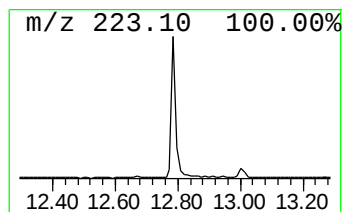
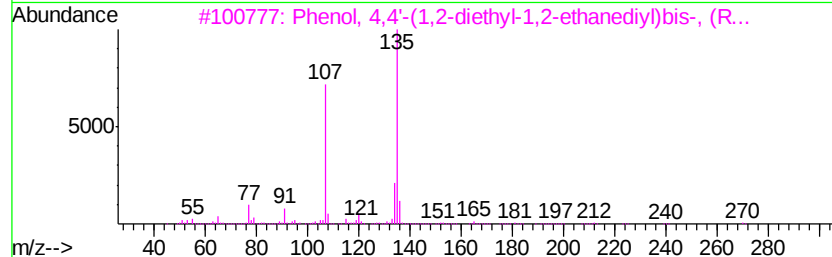
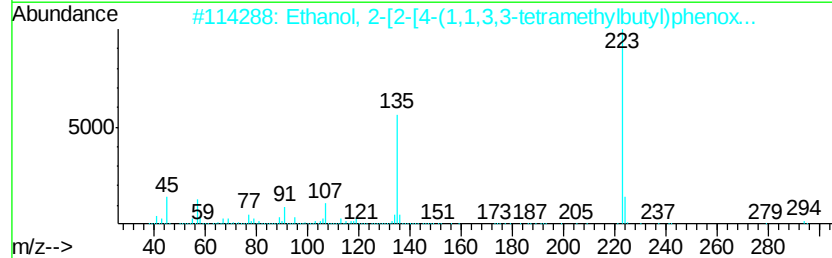
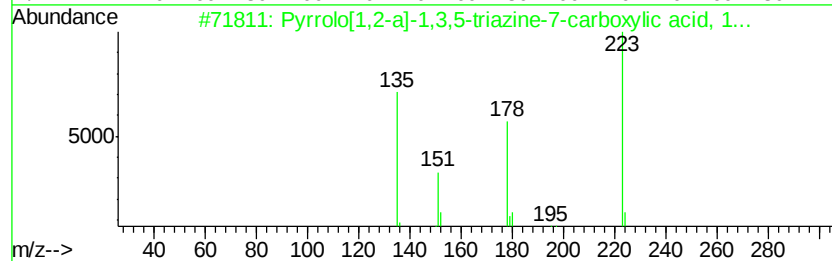
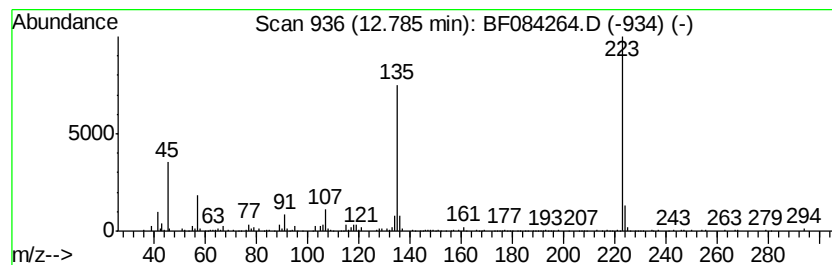
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.30 ng	280698	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2		Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	41
3		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	35
4		m-Methoxybenzoic acid, phenyl ester	228	C14H12O3	065853-67-0	35
5		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084264.D
 Acq On : 5 Jan 2016 4:36
 Operator : UM/SJ
 Sample : G4990-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.08	9.9 ng		927959	1	6.89	1878450	20.0
unknown6.66	6.66	70.0 ng		6570120	1	6.89	1878450	20.0
Benzene, 1,2-diet...	7.23	3.3 ng		312761	1	6.89	1878450	20.0
Benzene, 1,2,3,4-...	7.66	3.4 ng		512441	2	8.18	3030500	20.0
Benzene, (2-methy...	7.82	3.0 ng		454811	2	8.18	3030500	20.0
Naphthalene, 1,2,...	8.37	3.3 ng		492981	2	8.18	3030500	20.0
1H-Indene, 2,3-di...	8.65	3.1 ng		468144	2	8.18	3030500	20.0
1(2H)-Naphthaleno...	9.60	3.7 ng		449761	3	9.93	2448890	20.0
Hexadecane	10.36	3.1 ng		375495	3	9.93	2448890	20.0
Undecane, 2,3-dim...	10.84	4.7 ng		512691	4	11.41	2199110	20.0
Phenol, p-tert-bu...	10.94	2.8 ng		302553	4	11.41	2199110	20.0
unknown10.98	10.98	3.5 ng		380499	4	11.41	2199110	20.0
Phenol, 4-(1,1-di...	11.04	3.0 ng		327223	4	11.41	2199110	20.0
5H-PYRROLO(3,2-D)...	11.08	2.6 ng		284794	4	11.41	2199110	20.0
Phenol, 4-(1,1,3,...	11.13	2.7 ng		296420	4	11.41	2199110	20.0
Ethanol, 2-[4-(1,...	11.63	3.0 ng		333382	4	11.41	2199110	20.0
Pyrrolo[1,2-a]-1,...	12.79	3.3 ng		280698	5	14.05	1703490	20.0