

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087323.D
 Acq On : 24 May 2016 4:30
 Operator : UM/SJ
 Sample : H3214-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW104

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-BF052316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.690	6	9	57	rVB	3503247	9232395	100.00%	17.733%
2	4.913	288	291	304	rBV	26640	98636	1.07%	0.189%
3	5.530	342	345	367	rBV	782644	1946912	21.09%	3.740%
4	7.153	485	487	494	rBV	698105	1168654	12.66%	2.245%
5	7.267	494	497	506	rVB	2517095	3624318	39.26%	6.962%
6	7.610	525	527	531	rBV	610596	848234	9.19%	1.629%
7	7.850	545	548	559	rBV	2324731	3335619	36.13%	6.407%
8	8.525	604	607	616	rBV	2101893	2958790	32.05%	5.683%
9	8.707	621	623	629	rVV6	26591	98310	1.06%	0.189%
10	9.050	651	653	659	rVB3	107007	185125	2.01%	0.356%
11	9.416	680	685	690	rBV6	31229	117187	1.27%	0.225%
12	9.610	699	702	703	rBV2	60038	102427	1.11%	0.197%
13	9.645	703	705	710	rVB	766222	1006460	10.90%	1.933%
14	9.839	720	722	724	rVB	99409	124939	1.35%	0.240%
15	9.919	727	729	732	rVB	72044	115759	1.25%	0.222%
16	9.988	732	735	738	rBV2	99535	233078	2.52%	0.448%
17	10.170	749	751	753	rBV2	61473	105162	1.14%	0.202%
18	10.250	755	758	764	rBV6	71051	209303	2.27%	0.402%
19	10.388	766	770	771	rBV3	63218	167986	1.82%	0.323%
20	10.422	771	773	775	rBV	225016	297988	3.23%	0.572%
21	10.650	789	793	795	rBV3	126157	314476	3.41%	0.604%
22	11.039	822	827	830	rBV4	67273	254851	2.76%	0.490%
23	11.131	832	835	837	rVV3	49856	96119	1.04%	0.185%
24	11.302	848	850	853	rVV4	57973	115013	1.25%	0.221%
25	11.371	853	856	857	rVV3	73878	153207	1.66%	0.294%
26	11.428	857	861	863	rVV	3510543	5324358	57.67%	10.227%
27	11.508	865	868	870	rBV2	108456	175716	1.90%	0.338%
28	11.622	875	878	882	rVV4	122720	325868	3.53%	0.626%
29	11.713	883	886	889	rVB3	76391	172317	1.87%	0.331%
30	11.828	895	896	897	rBV	85038	95050	1.03%	0.183%
31	11.862	897	899	901	rVV2	104977	217208	2.35%	0.417%
32	11.931	903	905	907	rVV2	115305	231786	2.51%	0.445%
33	11.988	907	910	914	rVV2	253242	598021	6.48%	1.149%
34	12.113	918	921	922	rVV2	297314	493924	5.35%	0.949%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.148	922	924	926	rVV	546275	694047	7.52%	1.333%
36	12.193	926	928	930	rVB3	77345	117462	1.27%	0.226%
37	12.239	930	932	934	rBV2	67381	118489	1.28%	0.228%
38	12.319	936	939	942	rVB2	245130	435269	4.71%	0.836%
39	12.479	950	953	955	rBV	789885	1164066	12.61%	2.236%
40	12.914	989	991	993	rVB	116259	149229	1.62%	0.287%
41	13.016	995	1000	1002	rBV2	188457	451024	4.89%	0.866%
42	13.314	1023	1026	1028	rBV3	72181	118012	1.28%	0.227%
43	13.462	1037	1039	1042	rBV2	129971	200815	2.18%	0.386%
44	13.611	1050	1052	1054	rBV2	87864	161476	1.75%	0.310%
45	13.668	1054	1057	1059	rVB	413382	597696	6.47%	1.148%
46	13.771	1063	1066	1069	rBV	1917302	2707783	29.33%	5.201%
47	13.908	1076	1078	1082	rBV5	63775	127665	1.38%	0.245%
48	14.102	1091	1095	1098	rVB	780978	1230920	13.33%	2.364%
49	14.308	1111	1113	1116	rVB2	92587	115987	1.26%	0.223%
50	14.445	1123	1125	1128	rVB3	75199	107796	1.17%	0.207%
51	14.879	1159	1163	1167	rVB2	927392	1713377	18.56%	3.291%
52	15.005	1171	1174	1176	rVV	188068	358439	3.88%	0.688%
53	15.074	1178	1180	1186	rVB4	123926	315718	3.42%	0.606%
54	15.405	1207	1209	1214	rVB	130167	231300	2.51%	0.444%
55	15.851	1246	1248	1255	rVB5	118145	263783	2.86%	0.507%
56	16.468	1300	1302	1306	rVB	57354	102536	1.11%	0.197%
57	17.223	1364	1368	1370	rBV	3076537	4433640	48.02%	8.516%
58	18.560	1483	1485	1489	rBV	689371	933033	10.11%	1.792%
59	20.229	1628	1631	1636	rVB	412280	667206	7.23%	1.282%

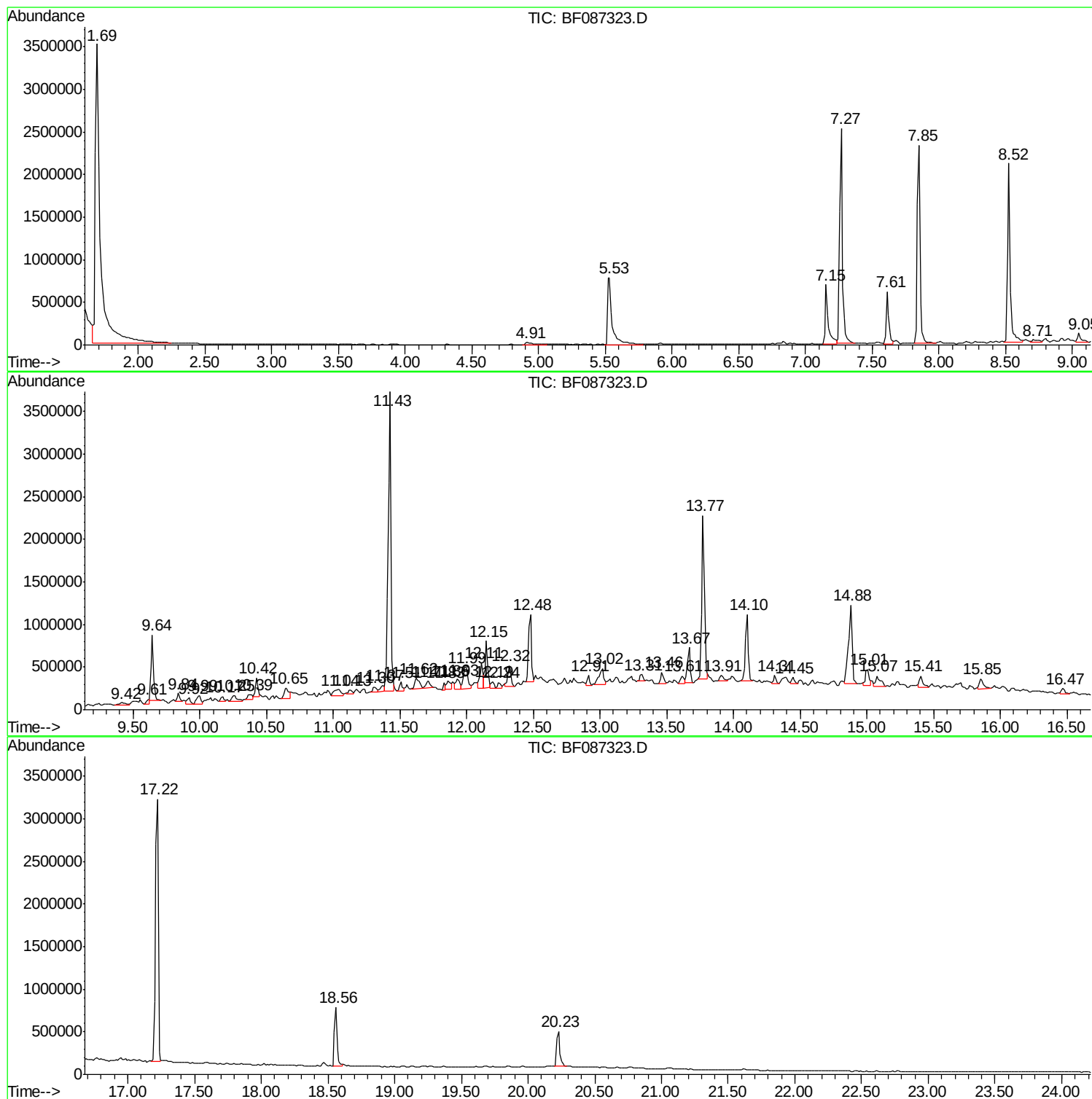
Sum of corrected areas: 52061964

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

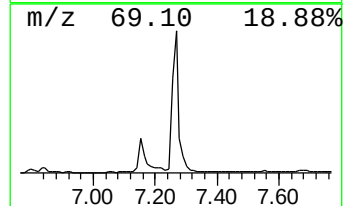
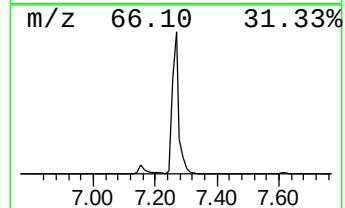
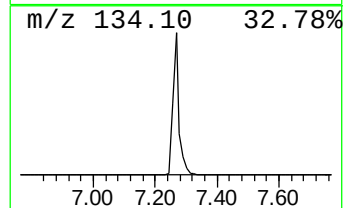
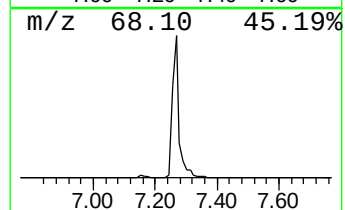
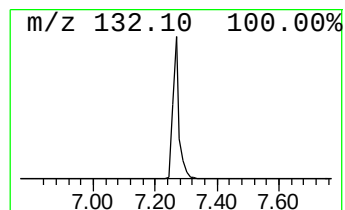
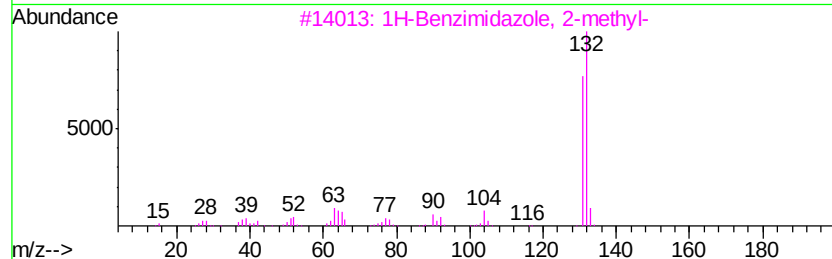
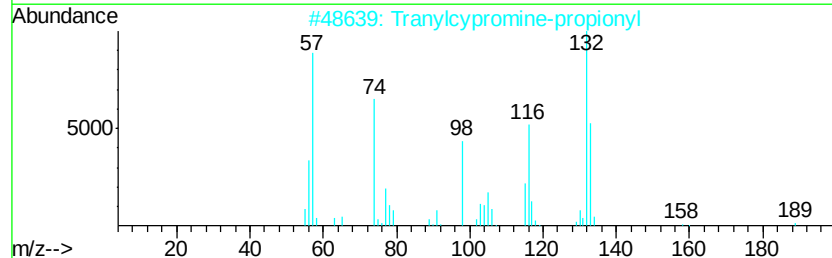
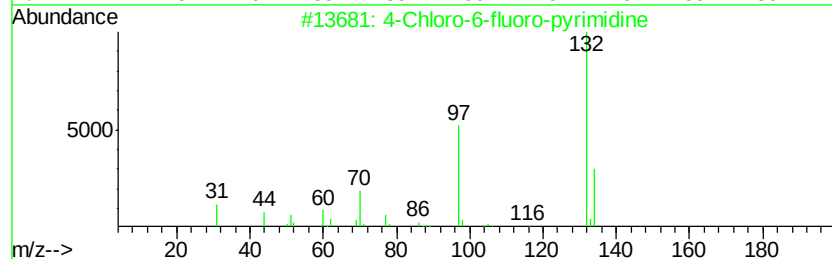
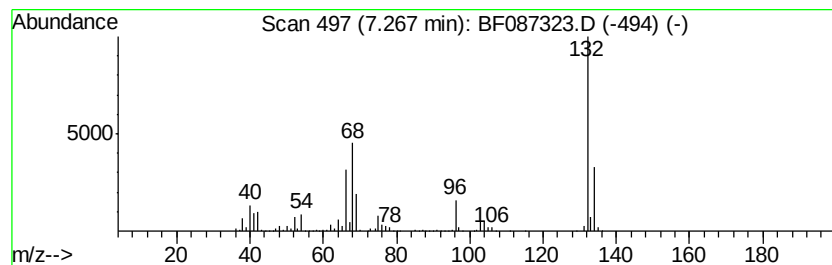
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	85.46 ng	3624320	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

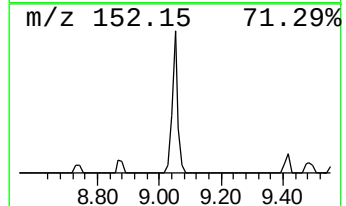
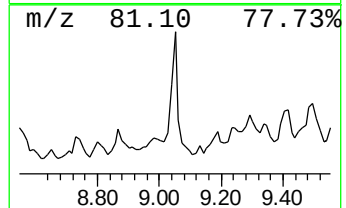
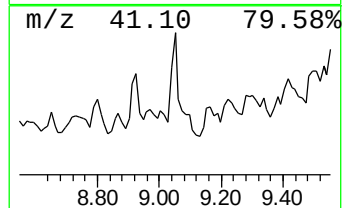
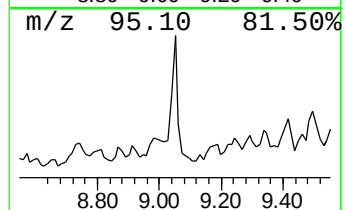
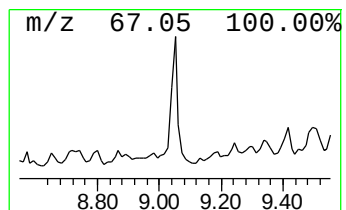
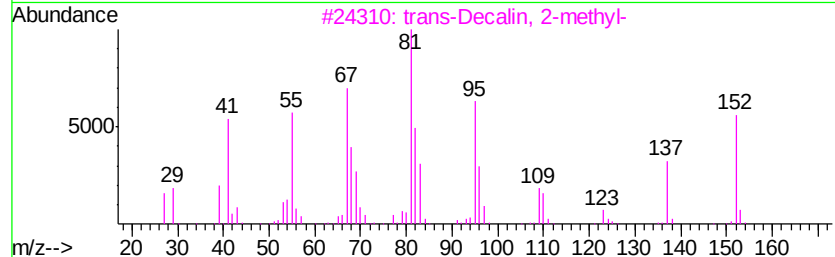
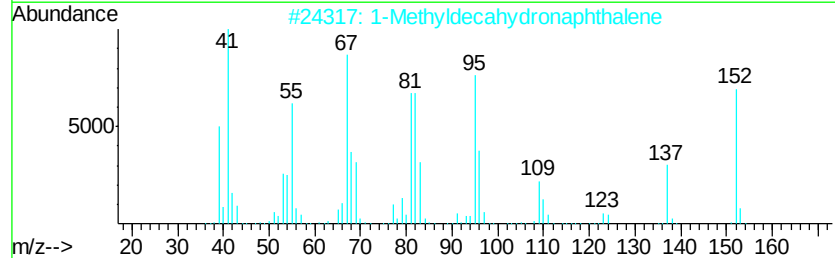
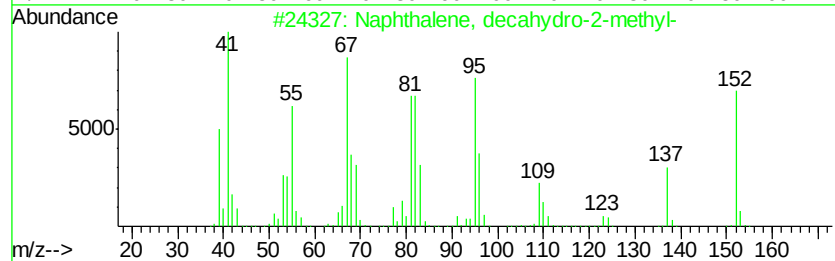
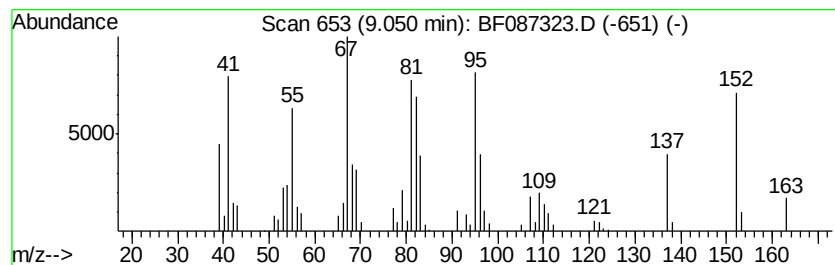
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.68 ng	185125	Naphthalene-d8	9.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
MW104

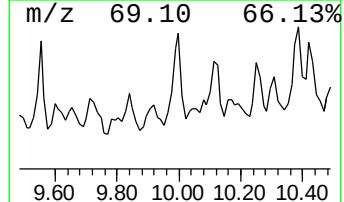
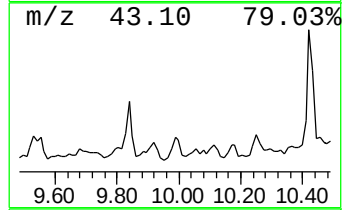
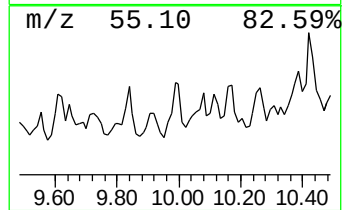
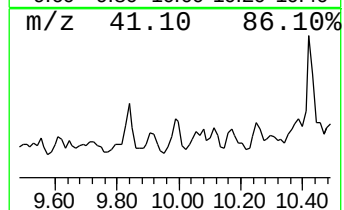
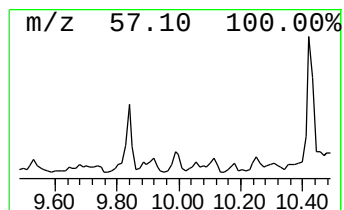
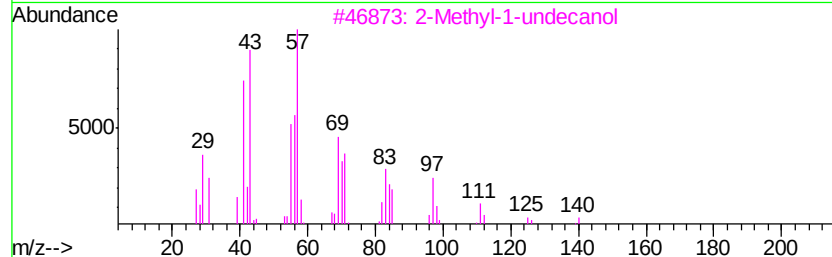
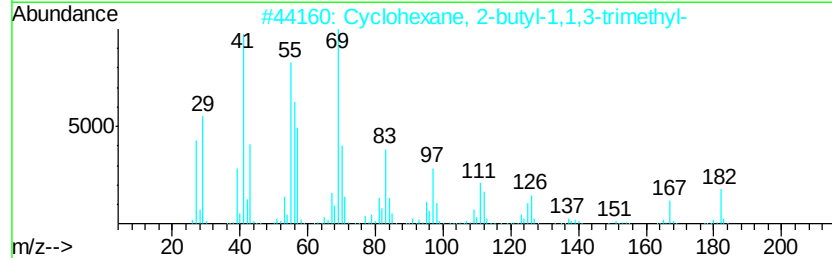
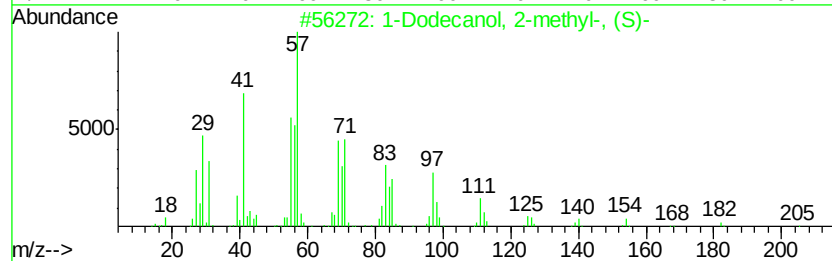
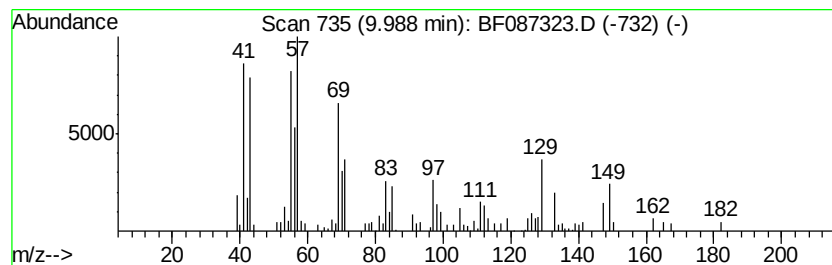
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Dodecanol, 2-methyl-, (S)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	4.63 ng	233078	Naphthalene-d8	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	53
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	43
3		2-Methyl-1-undecanol	186	C12H26O	010522-26-6	38
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
5		1-Tridecene	182	C13H26	002437-56-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

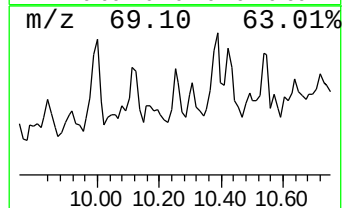
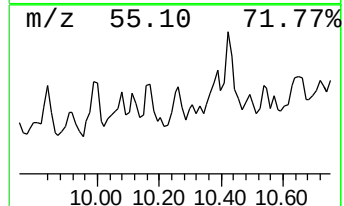
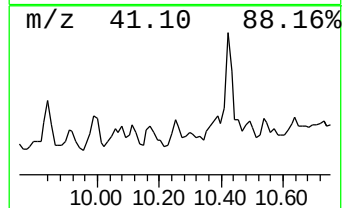
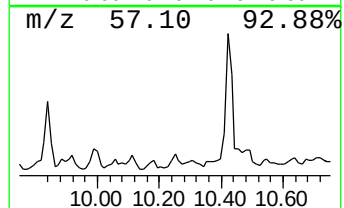
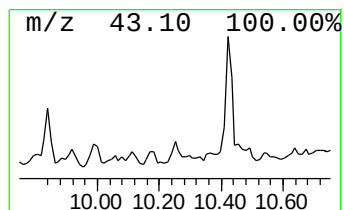
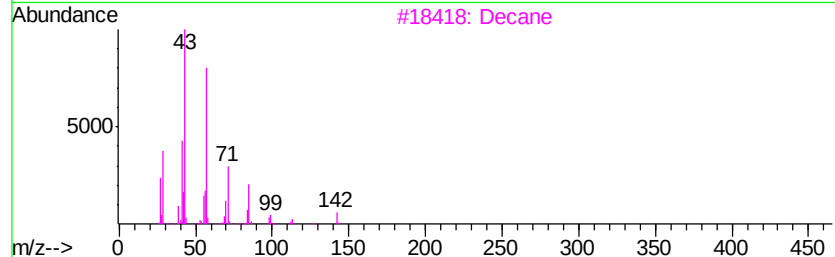
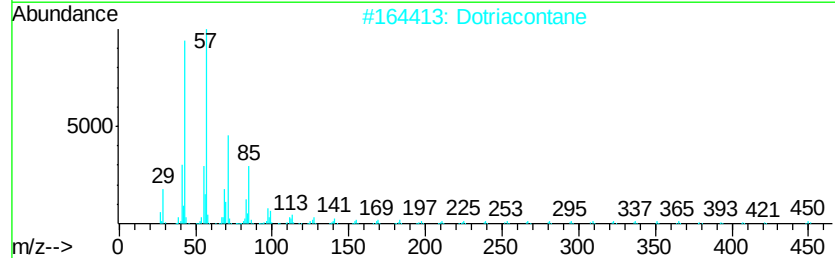
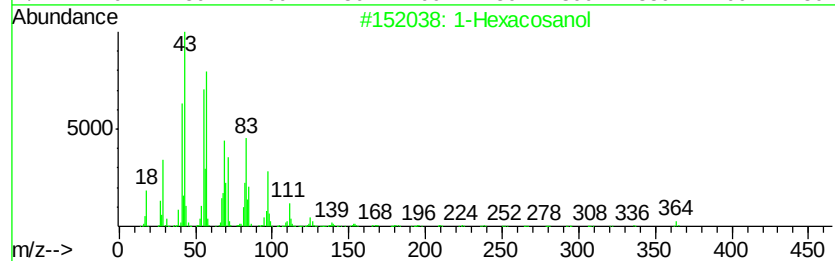
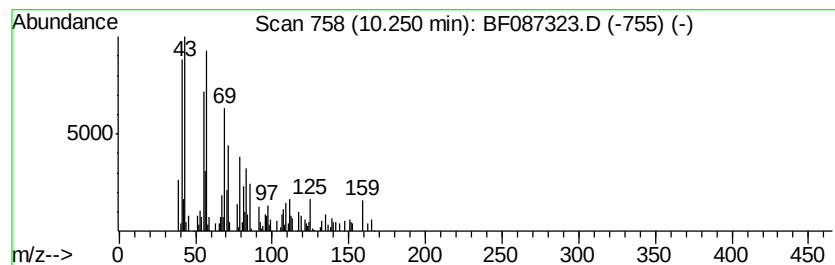
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.25 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.16 ng	209303	Napthalene-d8	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosanol	382	C26H54O	000506-52-5	43
2		Dotriacontane	451	C32H66	000544-85-4	38
3		Decane	142	C10H22	000124-18-5	27
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	27
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

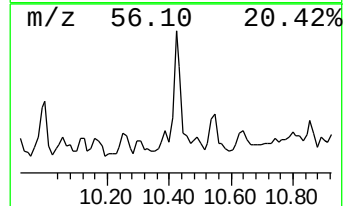
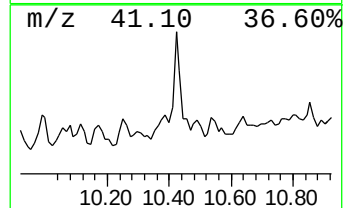
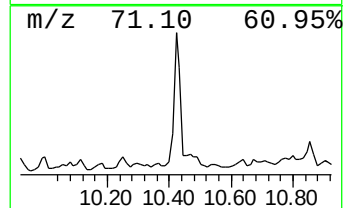
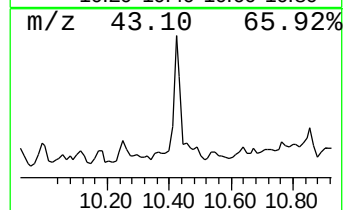
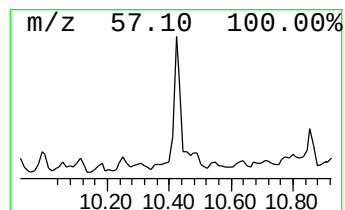
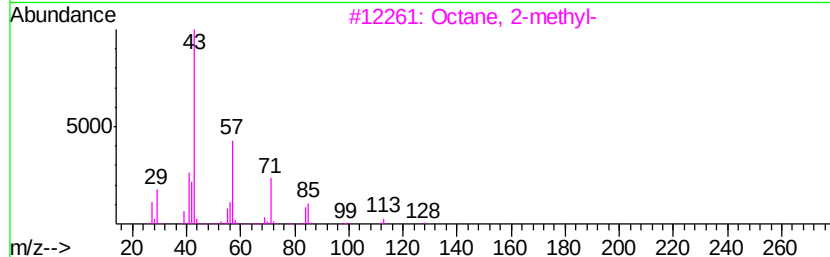
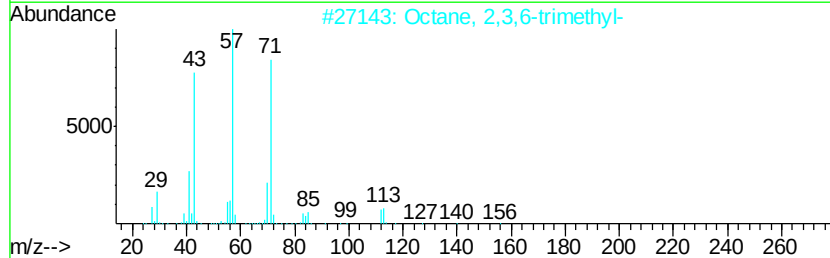
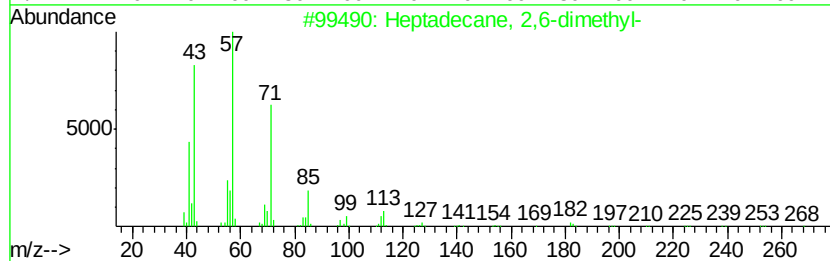
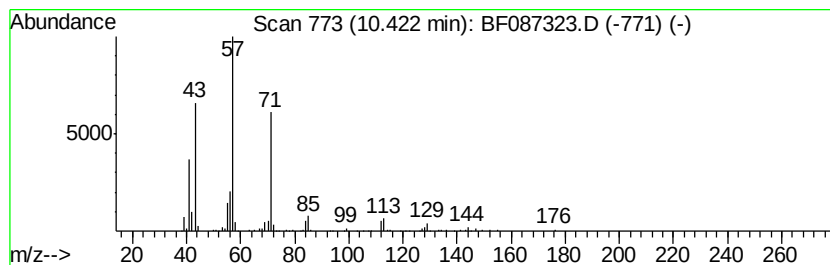
Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	5.92 ng	297988	Naphthalene-d8	9.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

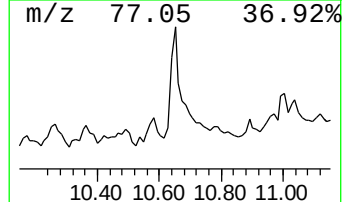
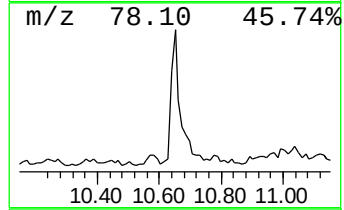
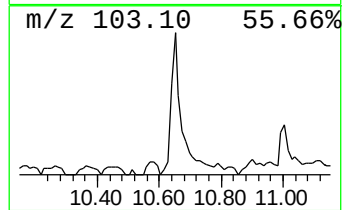
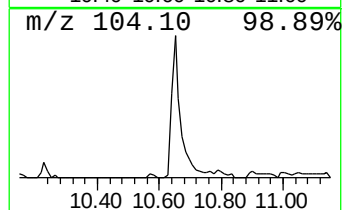
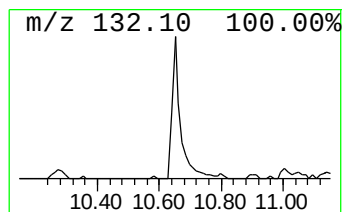
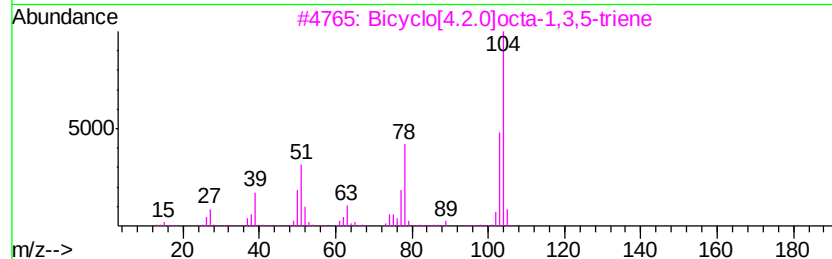
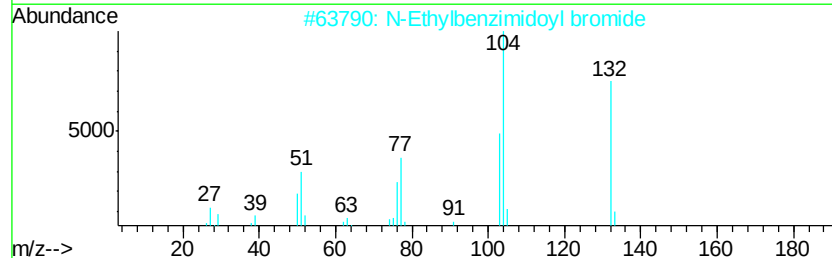
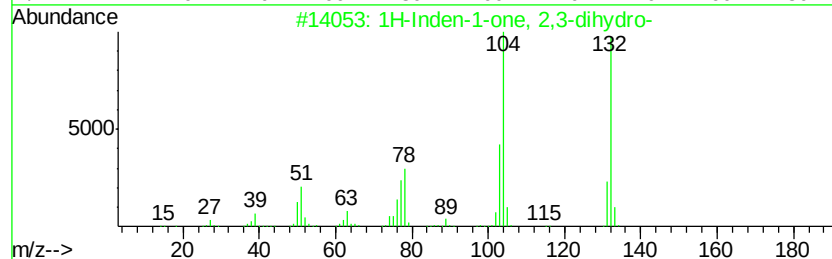
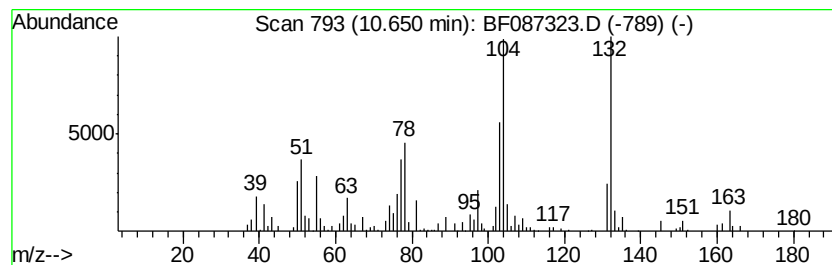
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	6.25 ng	314476	Napthalene-d8	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2		N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	52
3		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	50
4		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

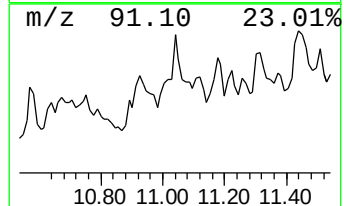
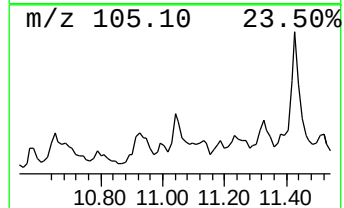
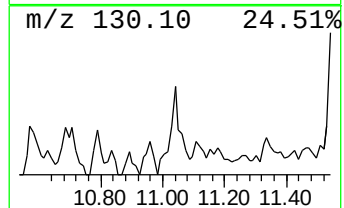
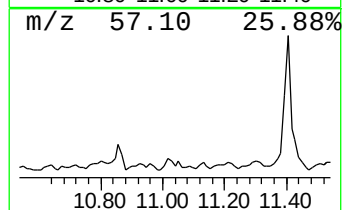
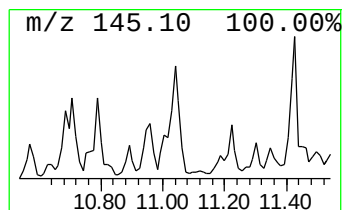
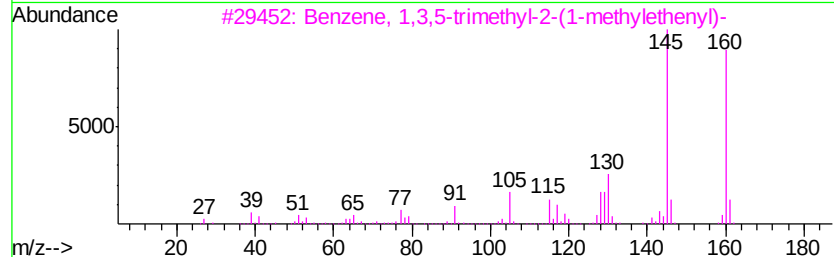
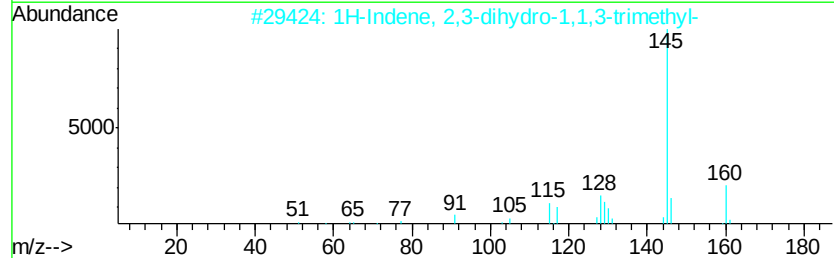
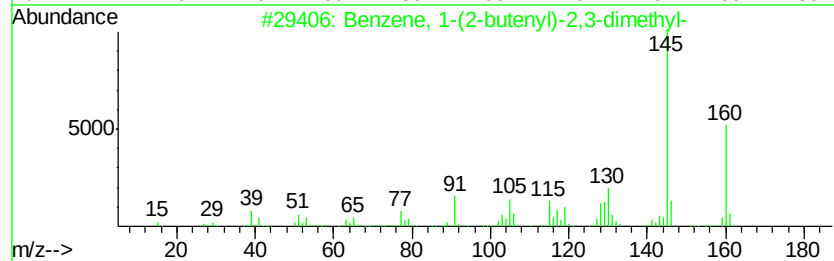
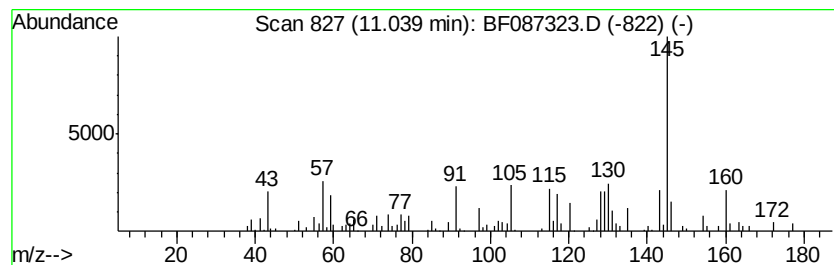
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	5.06 ng	254851	Naphthalene-d8	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	74
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	59
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

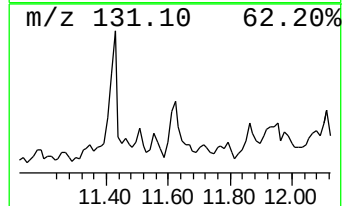
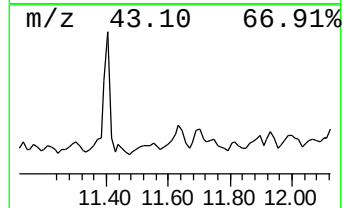
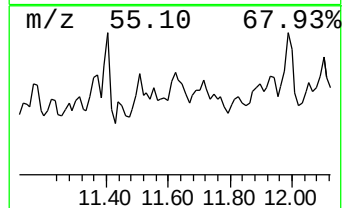
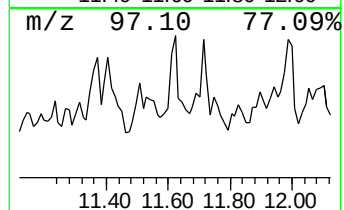
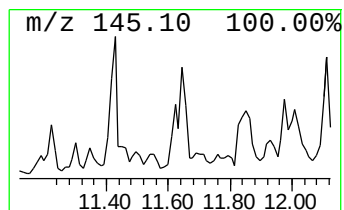
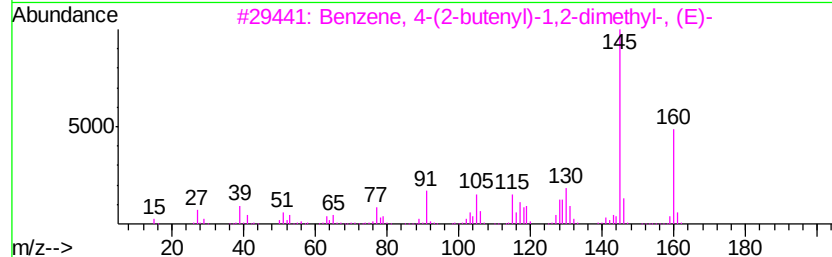
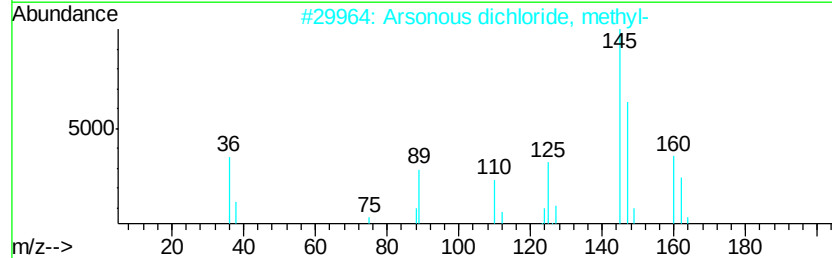
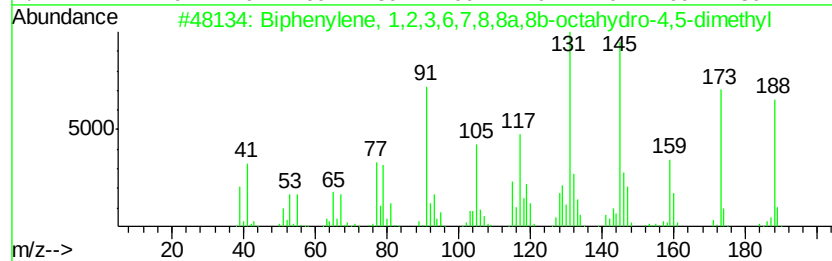
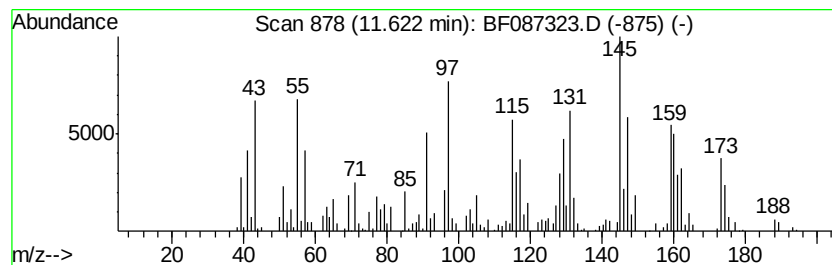
Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.62 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	5.60 ng	325868	Acenaphthene-d10	12.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Biphenylene, 1,2,3,6,7,8,8a,8b-o...	188 C14H20	106988-87-8 41
2		Arsonous dichloride, methyl-	160 CH3AsCl2	000593-89-5 30
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 25
4		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001076-61-5 18
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	020027-77-4 18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

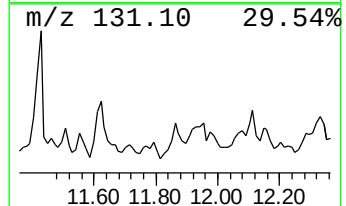
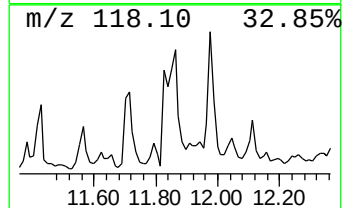
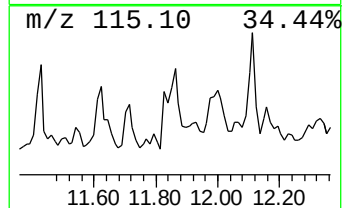
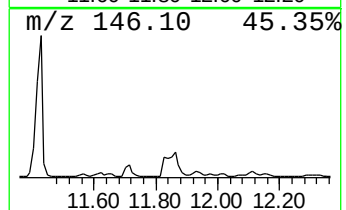
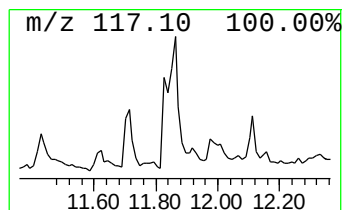
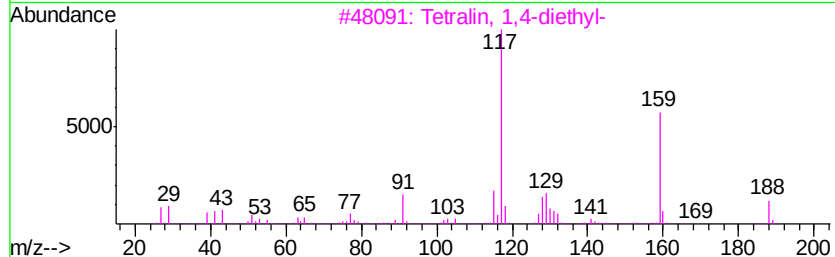
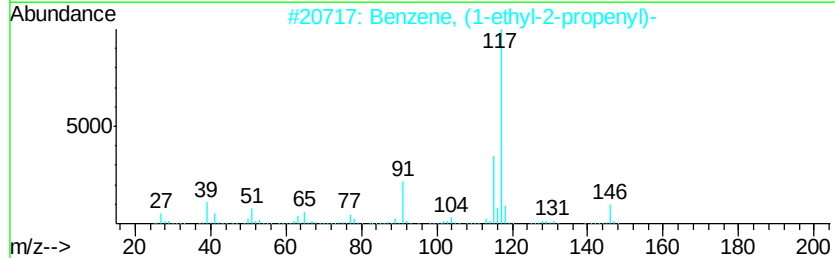
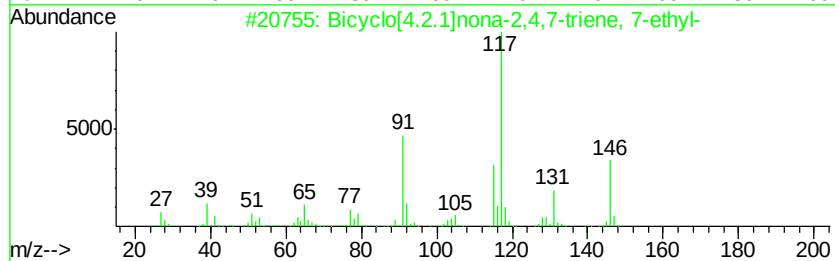
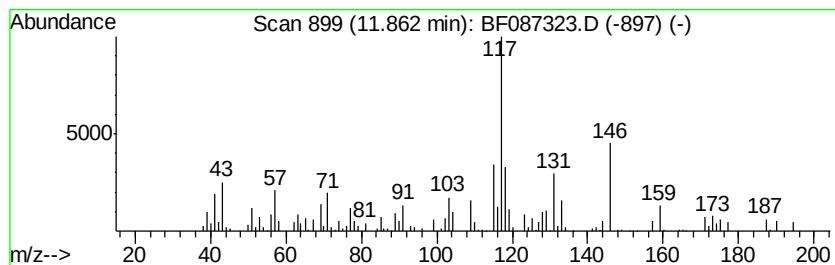
Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.73 ng	217208	Acenaphthene-d10	12.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.2.1]nona-2,4,7-triene,...	146 C11H14	1000164-42-6 59
2		Benzene, (1-ethyl-2-propenyl)-	146 C11H14	019947-22-9 47
3		Tetralin, 1,4-diethyl-	188 C14H20	081356-57-2 43
4		1,3-Methanopentalene, 1,2,3,5-te...	118 C9H10	128600-88-4 41
5		5-Chloro-1-phenyl-1-pentene	180 C11H13Cl	016424-50-3 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

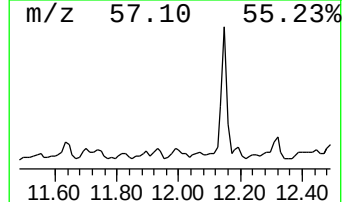
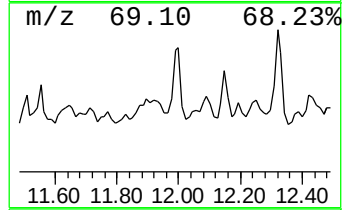
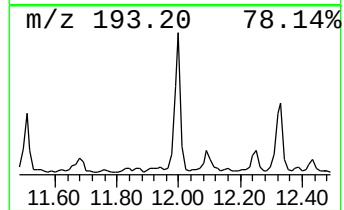
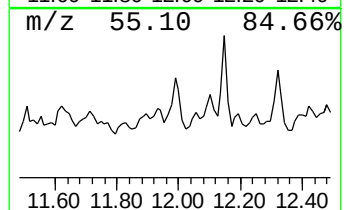
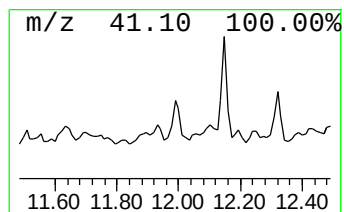
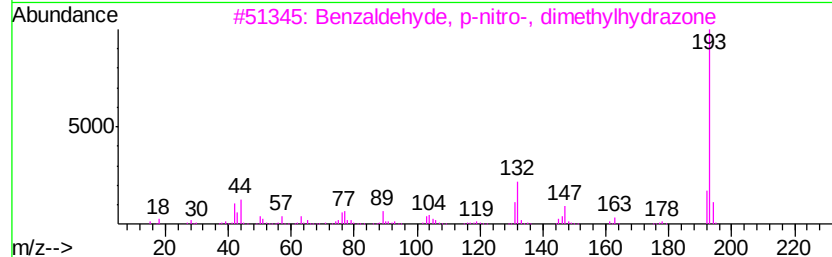
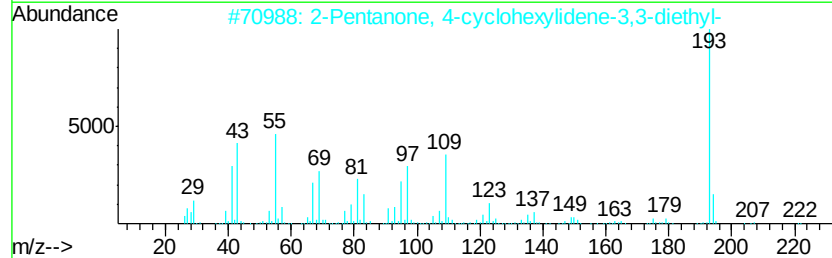
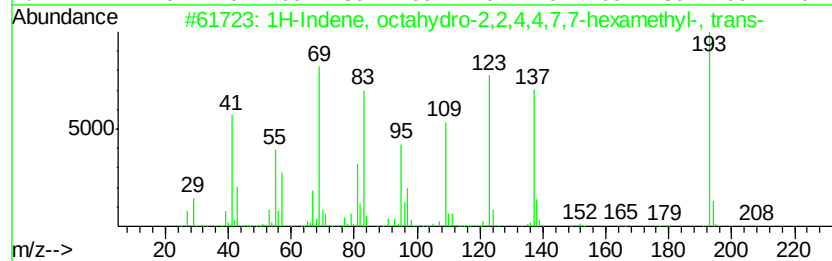
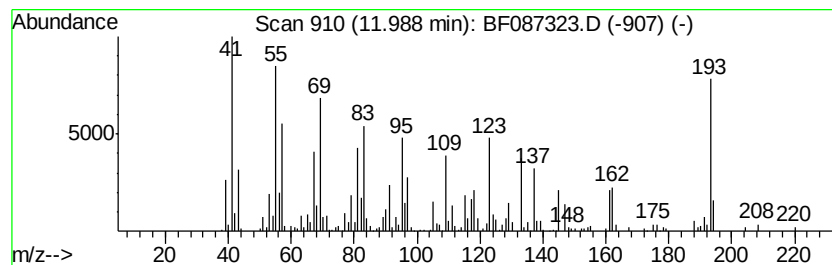
Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	10.27 ng	598021	Acenaphthene-d10	12.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6 38
2		2-Pentanone, 4-cyclohexylidene-3...	222 C15H26O	313253-65-5 35
3		Benzaldehyde, p-nitro-, dimethyl...	193 C9H11N3O2	010424-92-7 18
4		1-Anthracenamine	193 C14H11N	000610-49-1 18
5		Trisiloxane, 1,1,3,3,5,5-hexamet...	208 C6H20O2Si3	001189-93-1 18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

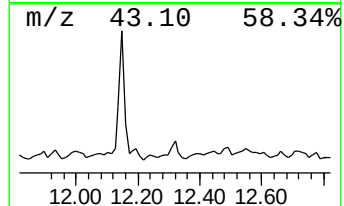
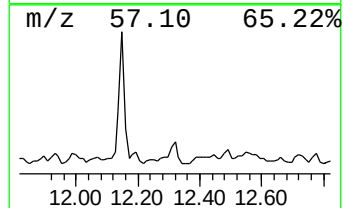
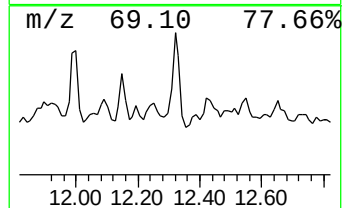
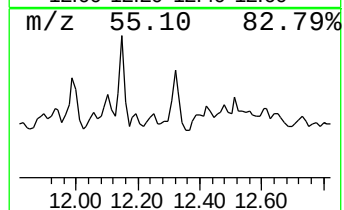
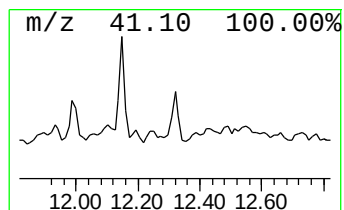
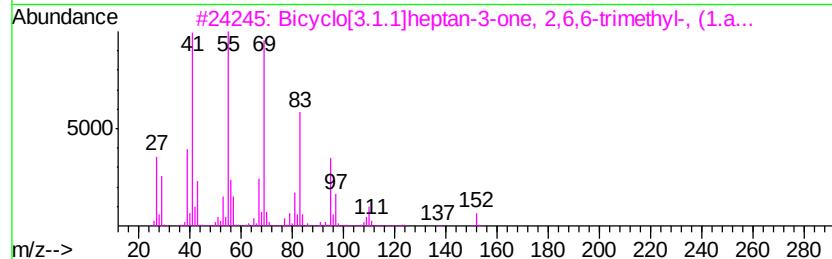
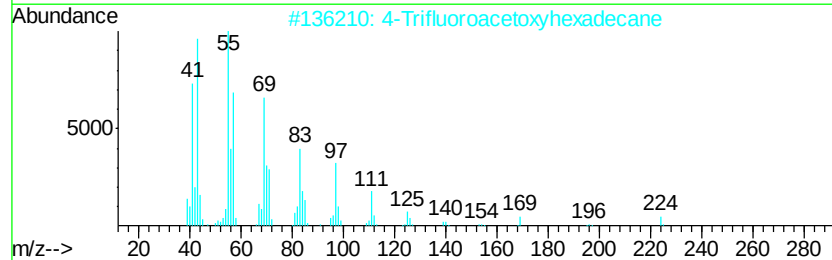
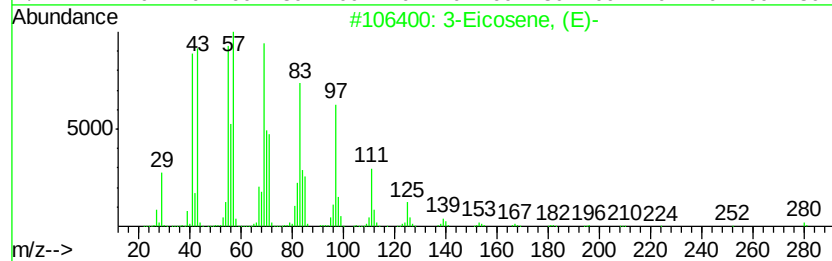
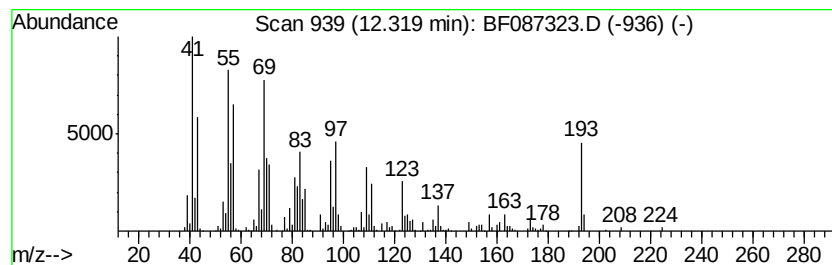
Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	7.48 ng	435269	Acenaphthene-d10	12.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
2	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	46
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	42
5	1-Docosene	308	C22H44	001599-67-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

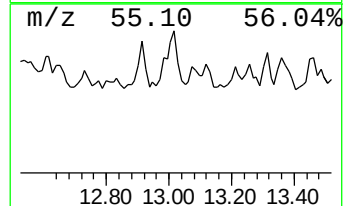
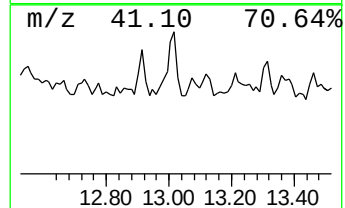
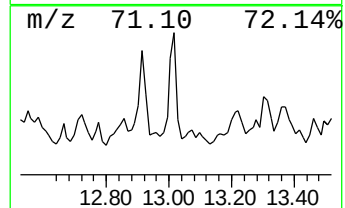
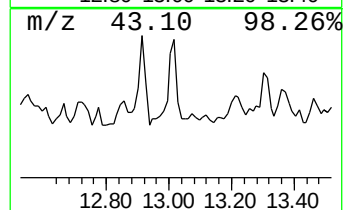
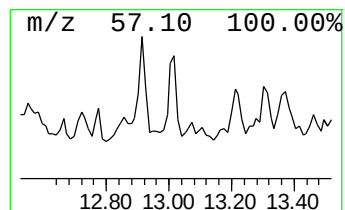
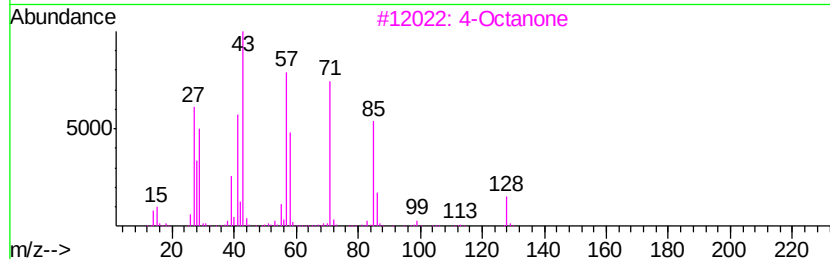
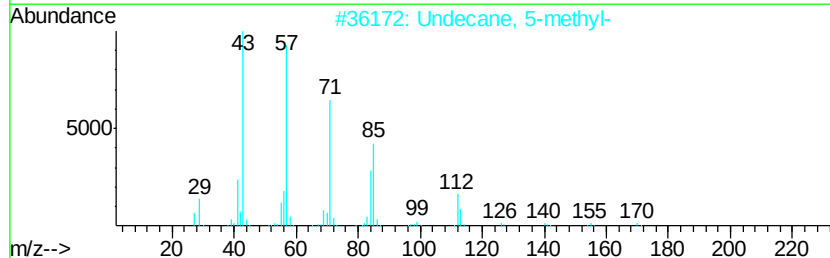
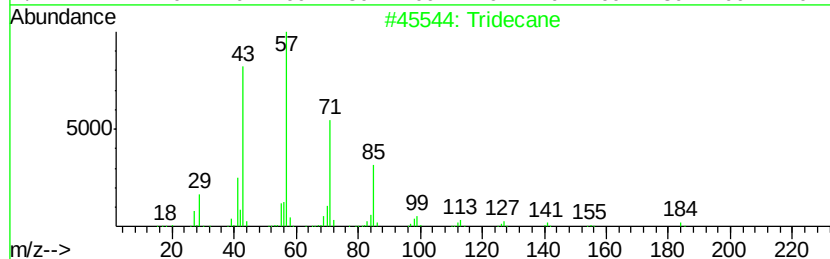
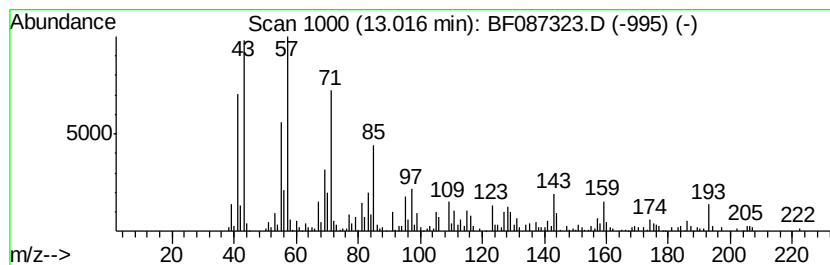
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown13.02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	7.75 ng	451024	Acenaphthene-d10	12.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	46
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	46
3		4-Octanone	128	C8H16O	000589-63-9	43
4		4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	43
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

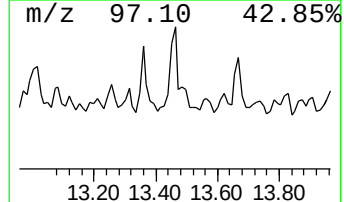
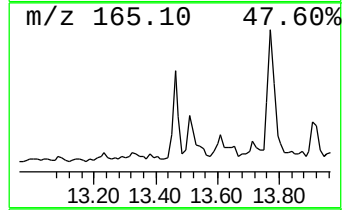
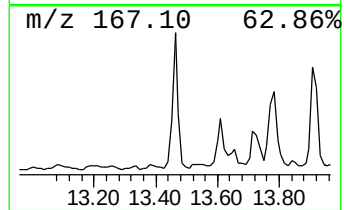
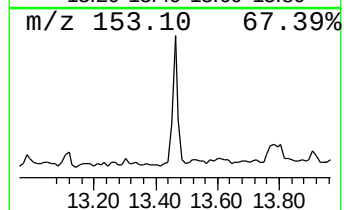
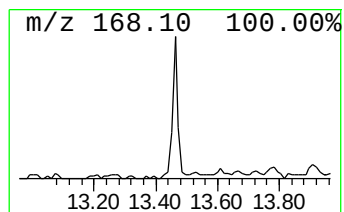
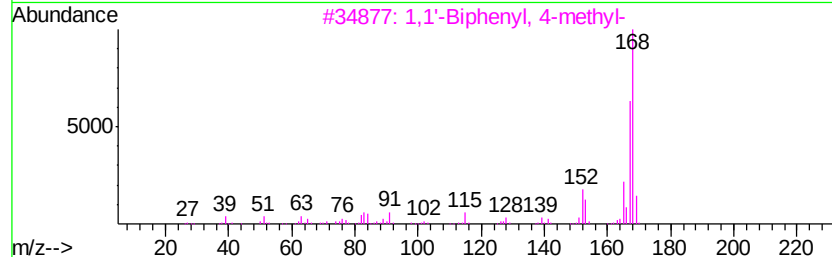
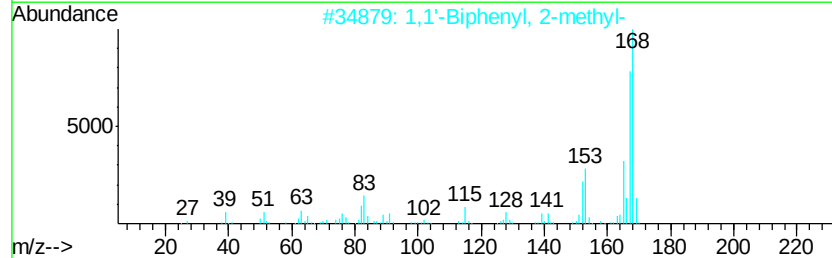
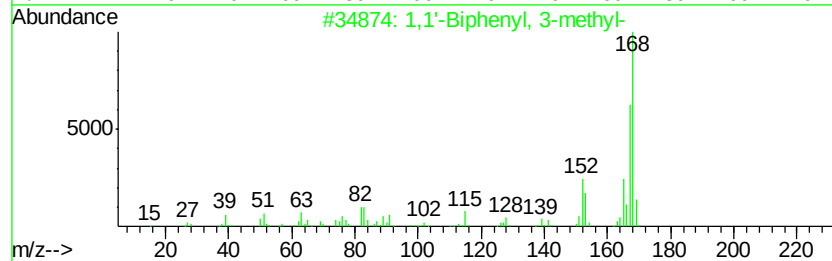
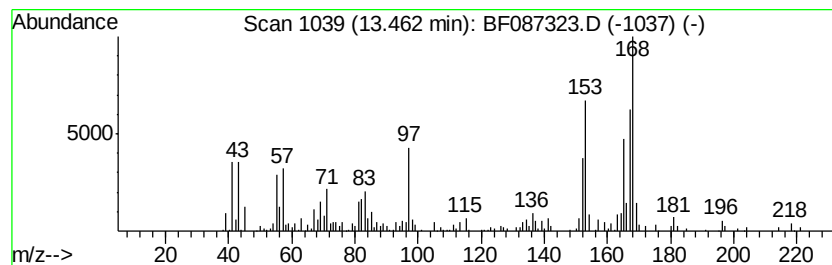
Instrument :
BNA_F
ClientSampleId :
MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.46	3.45 ng	200815	Acenaphthene-d10		12.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

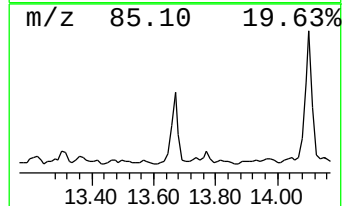
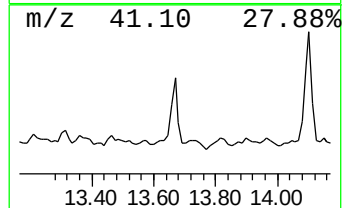
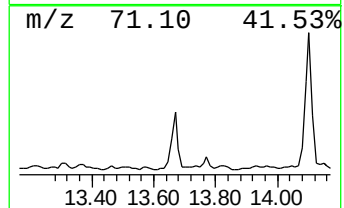
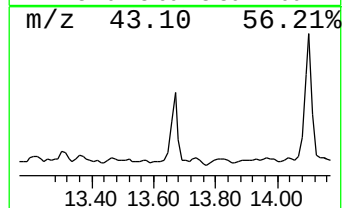
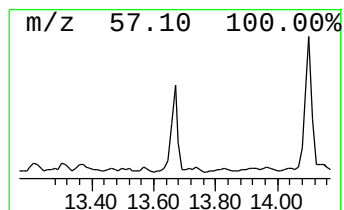
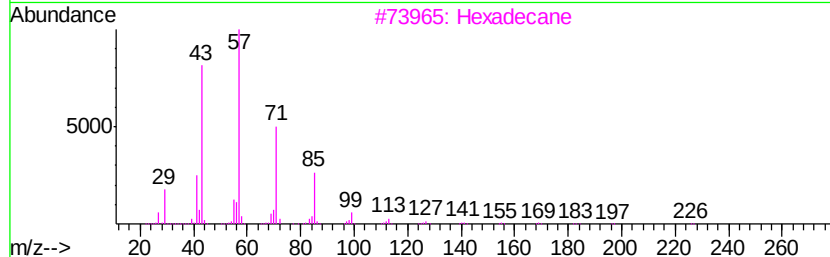
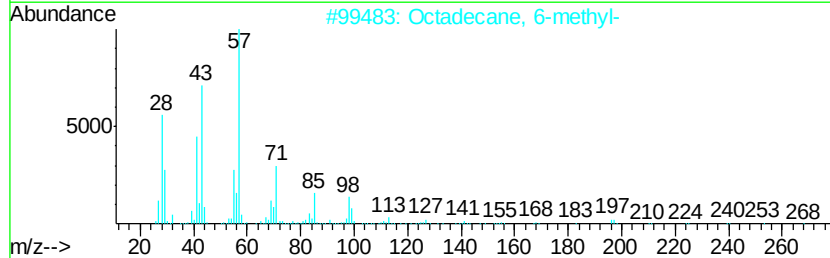
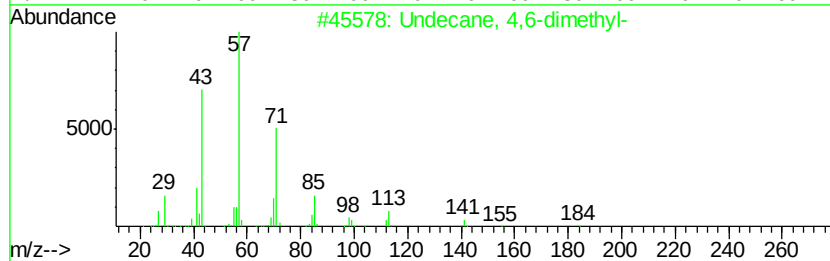
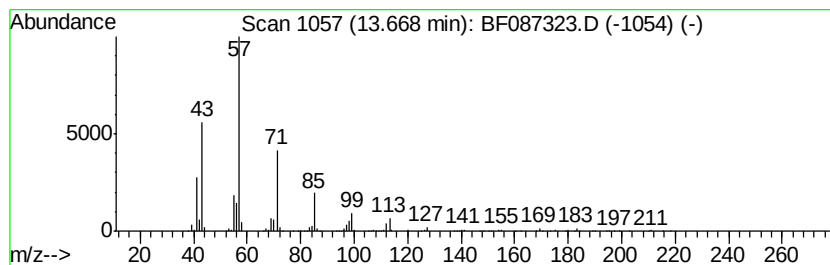
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	10.27 ng	597696	Acenaphthene-d10	12.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	81
2		Octadecane, 6-methyl-	268	C19H40	010544-96-4	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

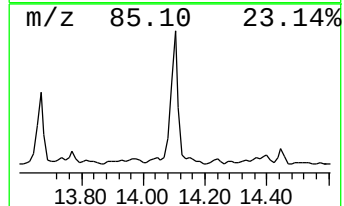
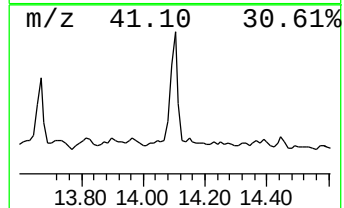
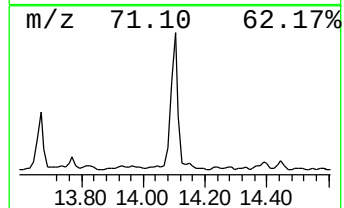
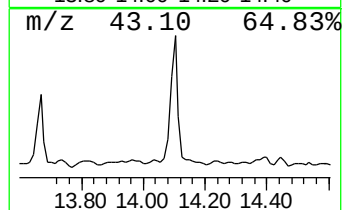
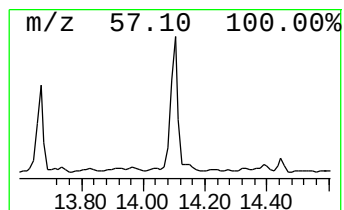
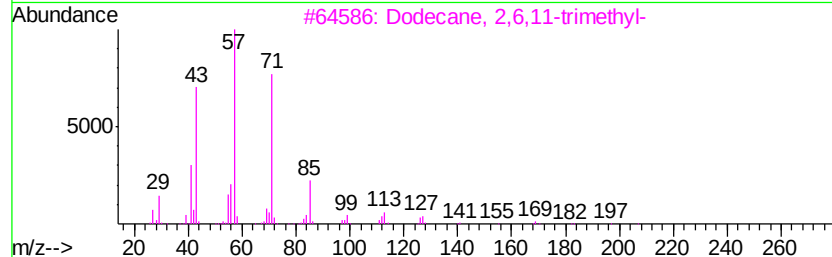
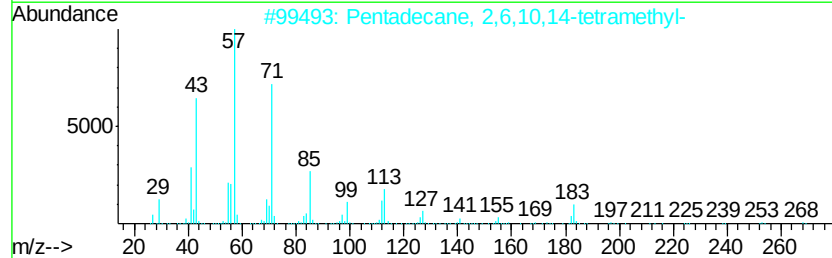
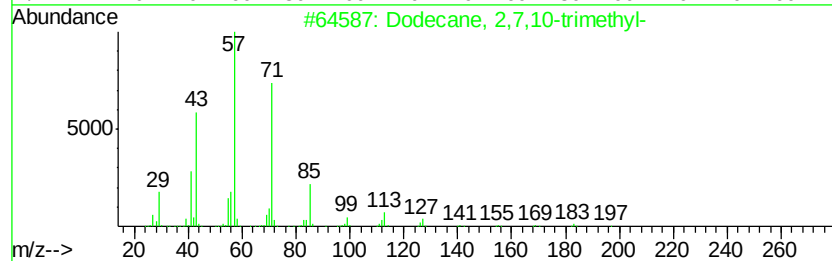
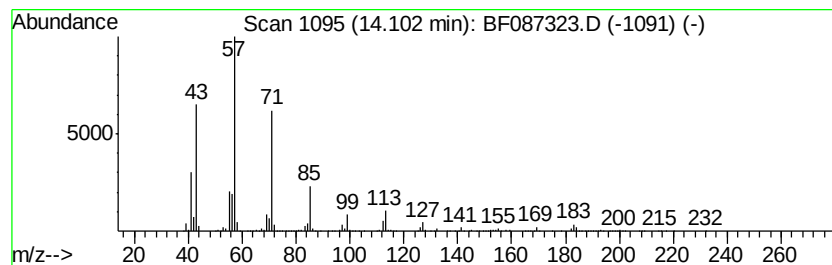
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	14.37 ng	1230920	Phenanthrene-d10	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

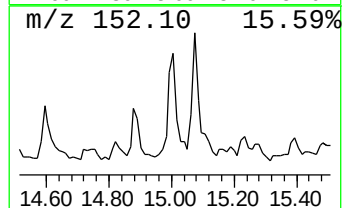
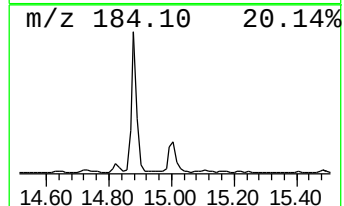
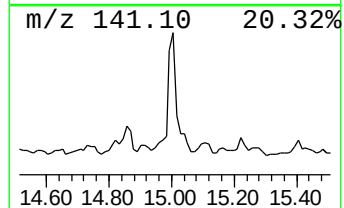
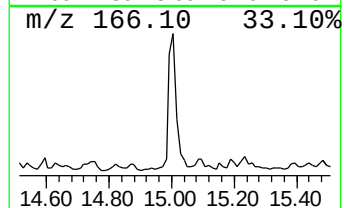
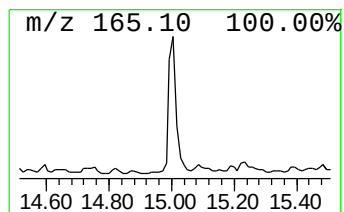
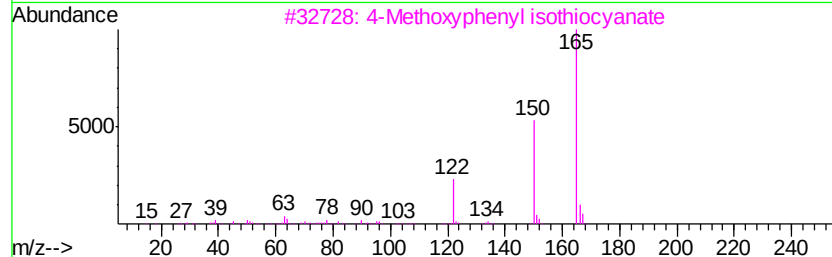
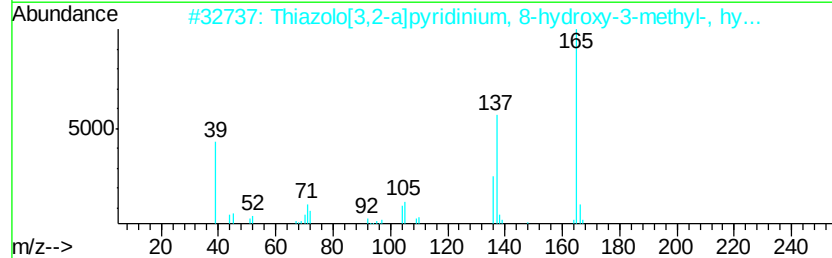
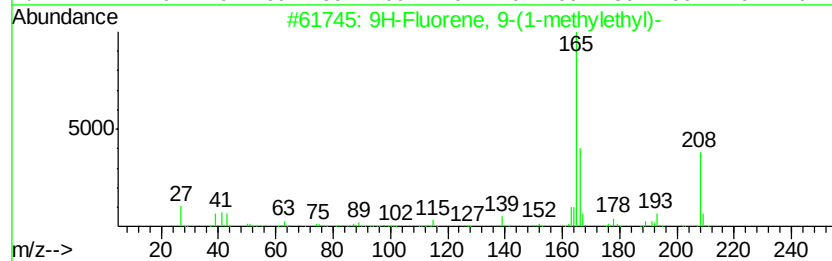
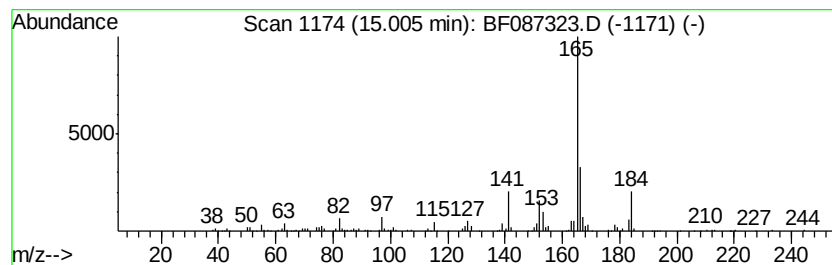
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	4.18 ng	358439	Phenanthrene-d10	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	38
2			Thiazolo[3,2-a]pyridinium, 8-hyd...	165	C8H7NOS	030276-99-4	37
3			4-Methoxyphenyl isothiocyanate	165	C8H7NOS	002284-20-0	32
4			(3,4-Dimethyl-5-thioxo-1,5-dihyd...	239	C12H17N02S	1000193-21-3	28
5			1H-Phenylene	166	C13H10	000203-80-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087323.D
Acq On : 24 May 2016 4:30
Operator : UM/SJ
Sample : H3214-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW104

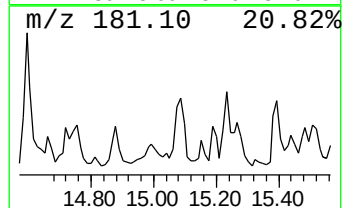
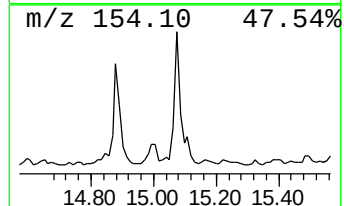
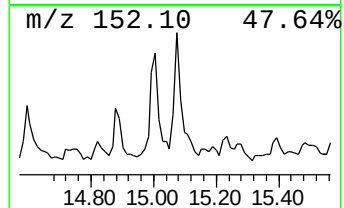
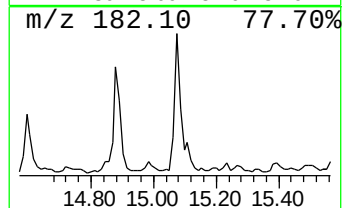
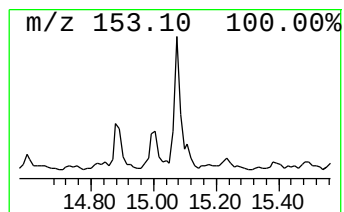
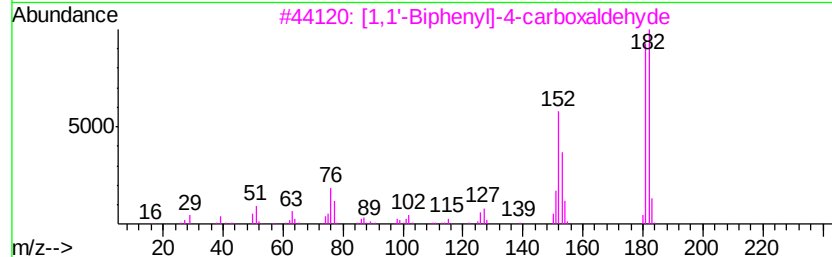
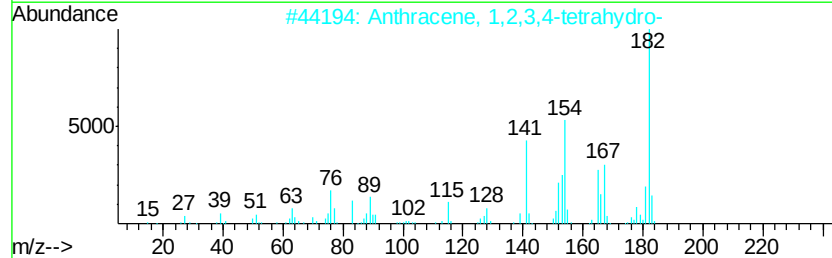
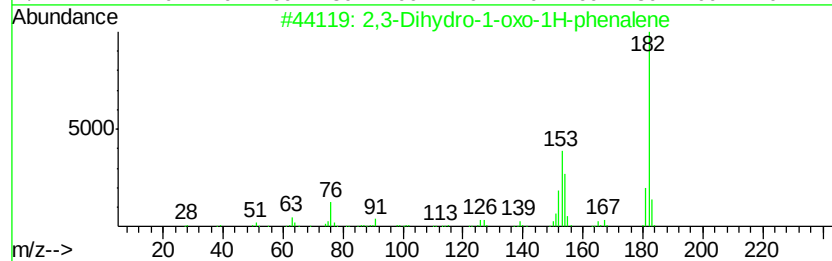
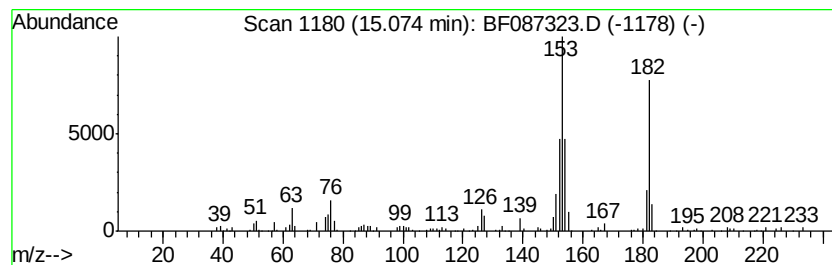
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.69 ng	315718	Phenanthrene-d10	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	68
2			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	52
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	43
4			.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	43
5			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087323.D
 Acq On : 24 May 2016 4:30
 Operator : UM/SJ
 Sample : H3214-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
unknown7.27	7.27	85.5	ng	3624320	1	7.61	848234	20.0
Naphthalene, deca...	9.05	3.7	ng	185125	2	9.64	1006460	20.0
1-Dodecanol, 2-me...	9.99	4.6	ng	233078	2	9.64	1006460	20.0
unknown10.25	10.25	4.2	ng	209303	2	9.64	1006460	20.0
Heptadecane, 2,6-...	10.42	5.9	ng	297988	2	9.64	1006460	20.0
1H-Inden-1-one, 2...	10.65	6.3	ng	314476	2	9.64	1006460	20.0
Benzene, 1-(2-but...	11.04	5.1	ng	254851	2	9.64	1006460	20.0
unknown11.62	11.62	5.6	ng	325868	3	12.48	1164070	20.0
Bicyclo[4.2.1]non...	11.86	3.7	ng	217208	3	12.48	1164070	20.0
unknown11.99	11.99	10.3	ng	598021	3	12.48	1164070	20.0
3-Eicosene, (E)-	12.32	7.5	ng	435269	3	12.48	1164070	20.0
unknown13.02	13.02	7.8	ng	451024	3	12.48	1164070	20.0
1,1'-Biphenyl, 3-...	13.46	3.5	ng	200815	3	12.48	1164070	20.0
Undecane, 4,6-dim...	13.67	10.3	ng	597696	3	12.48	1164070	20.0
Dodecane, 2,7,10-...	14.10	14.4	ng	1230920	4	14.88	1713380	20.0
unknown15.01	15.01	4.2	ng	358439	4	14.88	1713380	20.0
2,3-Dihydro-1-oxo...	15.07	3.7	ng	315718	4	14.88	1713380	20.0