

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092300.D
 Acq On : 16 Jan 2017 22:21
 Operator : UM/SJ
 Sample : I1197-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

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-BF122116.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	3.924	185	187	199	rBV	33949	80268	1.20%	0.162%
2	4.667	250	252	257	rBV	570184	818260	12.25%	1.647%
3	4.747	257	259	268	rVB	94896	139701	2.09%	0.281%
4	5.147	292	294	303	rBV	2167943	2632750	39.42%	5.299%
5	6.062	372	374	378	rVB3	50488	98382	1.47%	0.198%
6	6.222	387	388	395	rBV	1136542	1737895	26.02%	3.498%
7	6.336	395	398	400	rBV	4942290	4900107	73.38%	9.863%
8	6.565	416	418	424	rVB	936333	1159004	17.36%	2.333%
9	6.713	429	431	434	rBV	3380498	4125138	61.77%	8.303%
10	6.896	445	447	451	rBV4	40043	115019	1.72%	0.232%
11	7.102	461	465	466	rBV3	37995	83623	1.25%	0.168%
12	7.136	466	468	470	rVV	3592490	3562340	53.34%	7.170%
13	7.216	474	475	477	rVV2	91171	107928	1.62%	0.217%
14	7.262	477	479	480	rVV	108236	129175	1.93%	0.260%
15	7.342	483	486	490	rVB5	79391	194999	2.92%	0.392%
16	7.422	490	493	496	rBV2	74899	97874	1.47%	0.197%
17	7.502	496	500	501	rBV	103648	142889	2.14%	0.288%
18	7.536	501	503	505	rVB3	86386	123032	1.84%	0.248%
19	7.593	505	508	512	rBV4	74486	169023	2.53%	0.340%
20	7.662	512	514	515	rBV	54100	68323	1.02%	0.138%
21	7.788	523	525	528	rBV2	111300	169183	2.53%	0.341%
22	7.845	528	530	532	rVV	1182741	1417095	21.22%	2.852%
23	7.879	532	533	534	rVB	96693	71870	1.08%	0.145%
24	8.050	543	548	550	rBV	162475	292535	4.38%	0.589%
25	8.096	550	552	554	rVV	201412	205191	3.07%	0.413%
26	8.199	558	561	563	rBV2	73049	159067	2.38%	0.320%
27	8.233	563	564	568	rVB3	104769	112431	1.68%	0.226%
28	8.302	568	570	571	rBV2	48030	70412	1.05%	0.142%
29	8.416	576	580	581	rBV	85706	121928	1.83%	0.245%
30	8.508	586	588	590	rVB2	70183	95848	1.44%	0.193%
31	8.553	590	592	594	rBV	87158	133723	2.00%	0.269%
32	8.633	594	599	600	rBV4	74493	181560	2.72%	0.365%
33	8.668	600	602	608	rVB6	35622	110138	1.65%	0.222%
34	8.930	622	625	627	rBV	6080819	5940662	88.96%	11.957%

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 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 >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.068	634	637	639	rBV3	49411	124312	1.86%	0.250%
36	9.228	646	651	652	rBV4	57165	166632	2.50%	0.335%
37	9.273	653	655	657	rVV2	77919	114507	1.71%	0.230%
38	9.331	658	660	662	rVV	106469	110227	1.65%	0.222%
39	9.456	669	671	675	rVB5	56886	92302	1.38%	0.186%
40	9.593	680	683	688	rBV	1854932	1793680	26.86%	3.610%
41	9.913	709	711	714	rVB3	74611	124109	1.86%	0.250%
42	9.959	714	715	718	rBV3	42078	81479	1.22%	0.164%
43	10.039	718	722	724	rVV4	90000	189300	2.83%	0.381%
44	10.085	724	726	729	rBV3	37973	71554	1.07%	0.144%
45	10.165	731	733	735	rVB2	55626	85185	1.28%	0.171%
46	10.291	742	744	747	rBV3	39842	78578	1.18%	0.158%
47	10.348	747	749	750	rVV	201089	292448	4.38%	0.589%
48	10.382	750	752	755	rVV2	3219546	4004440	59.96%	8.060%
49	10.439	755	757	759	rVV	133701	202628	3.03%	0.408%
50	10.508	761	763	766	rVB3	79947	151285	2.27%	0.304%
51	10.954	799	802	810	rVB4	95519	229154	3.43%	0.461%
52	11.068	810	812	815	rBV	1988551	1792355	26.84%	3.608%
53	11.388	838	840	842	rVB	65244	68864	1.03%	0.139%
54	11.628	858	861	865	rBV2	295753	415618	6.22%	0.837%
55	12.405	927	929	931	rBV	185400	210568	3.15%	0.424%
56	12.657	948	951	954	rBV	5251330	6678041	100.00%	13.441%
57	13.571	1029	1031	1040	rVB2	73864	153728	2.30%	0.309%
58	13.697	1040	1042	1045	rBV	1721162	1675634	25.09%	3.373%
59	15.045	1157	1160	1163	rBV	1001768	1209787	18.12%	2.435%

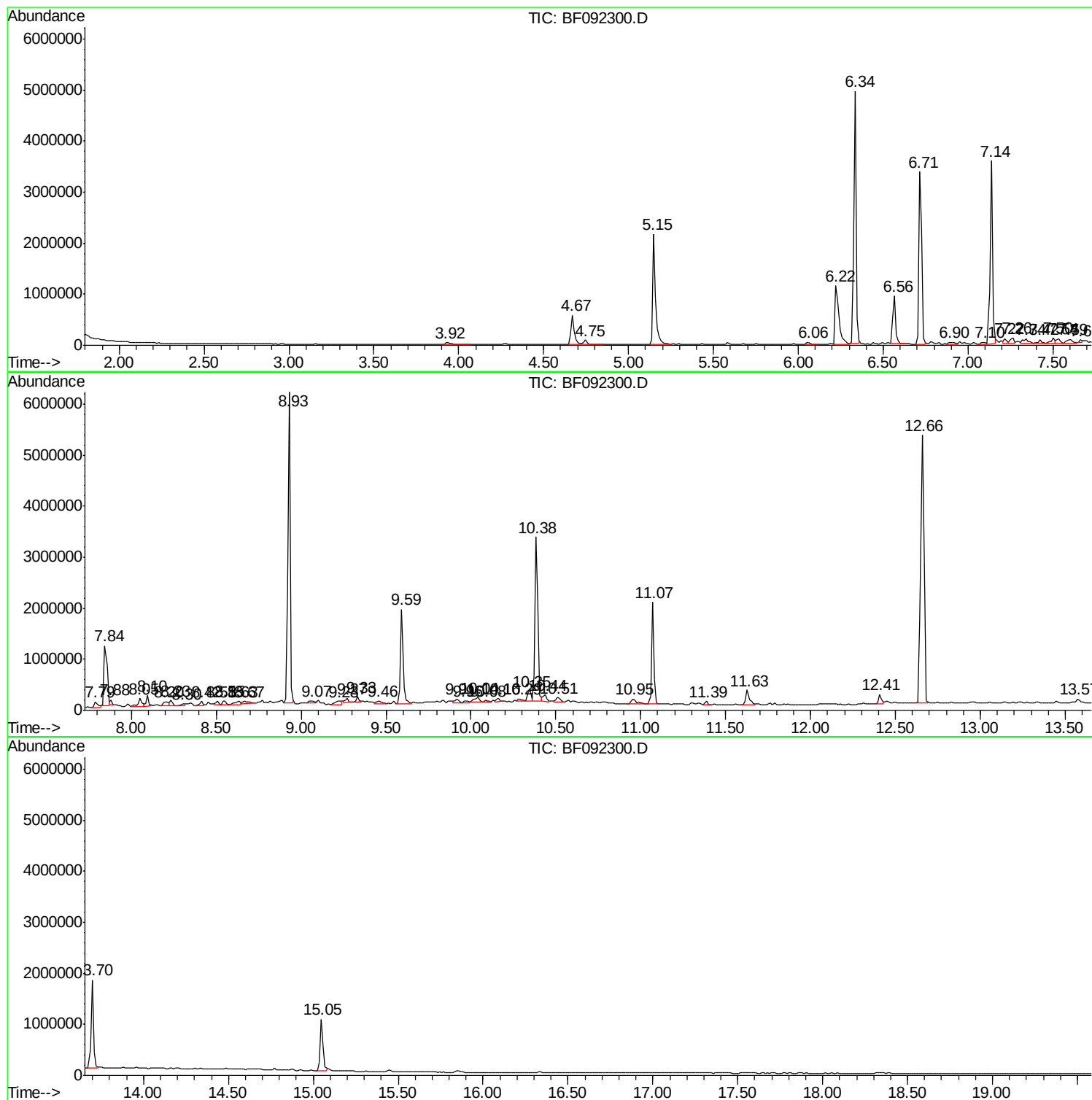
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : I1197-07
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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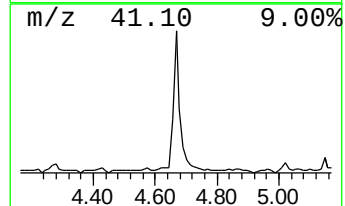
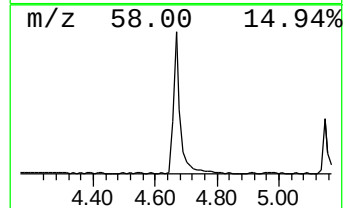
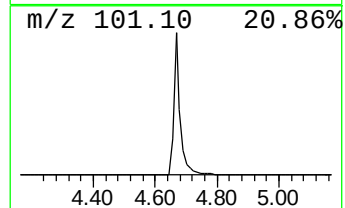
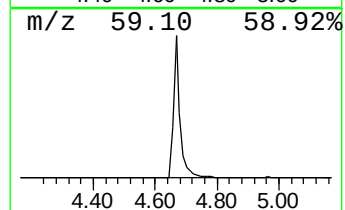
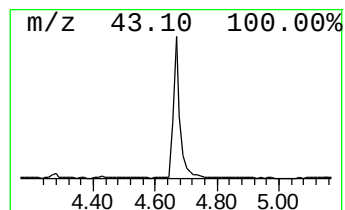
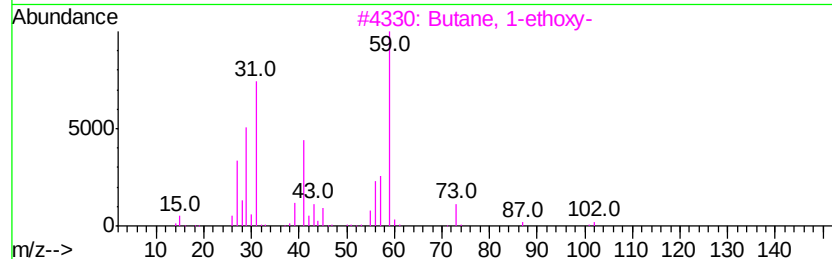
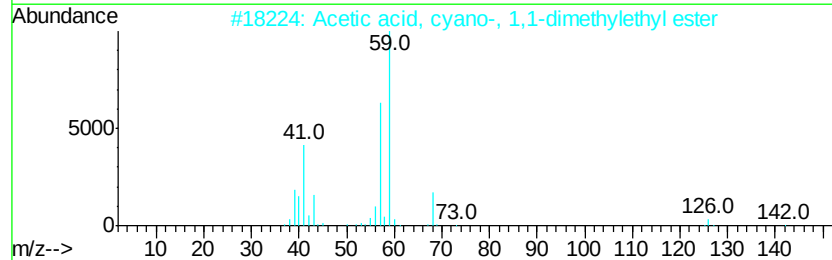
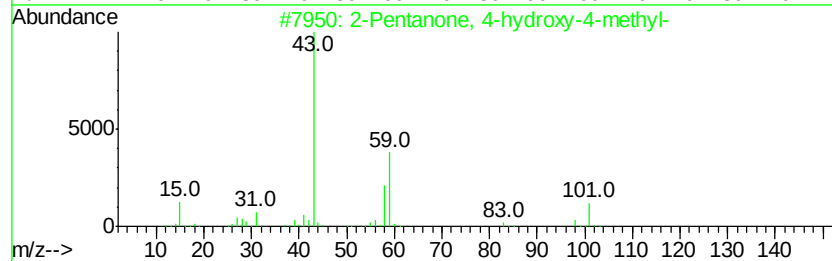
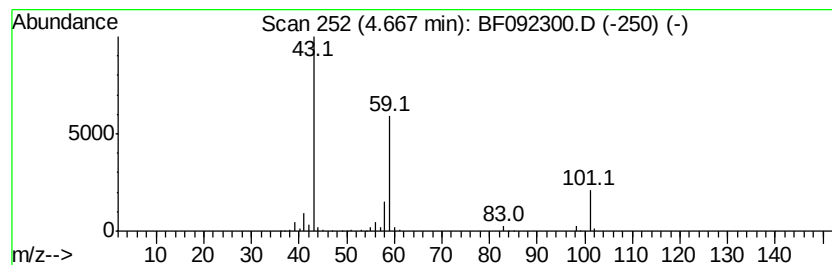
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	14.12 ng	818260	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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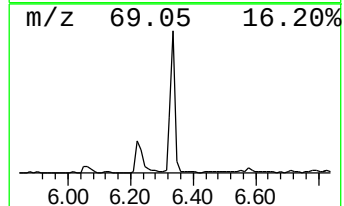
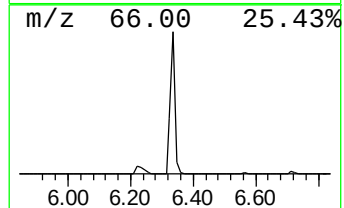
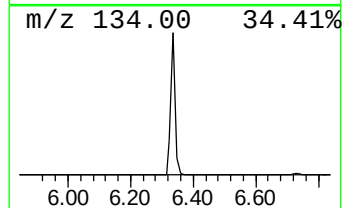
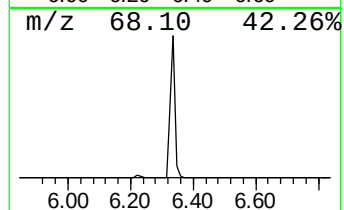
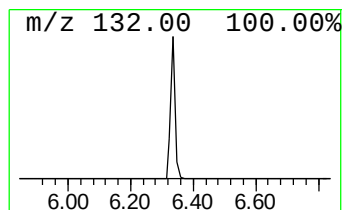
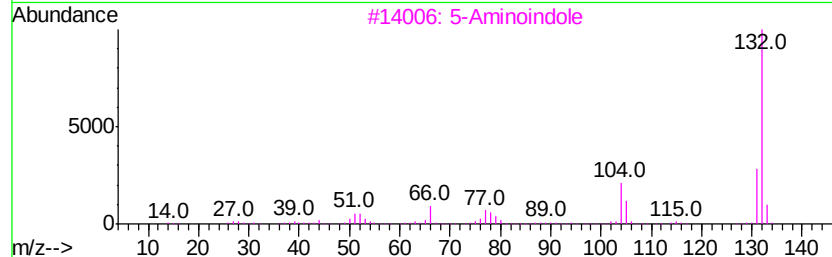
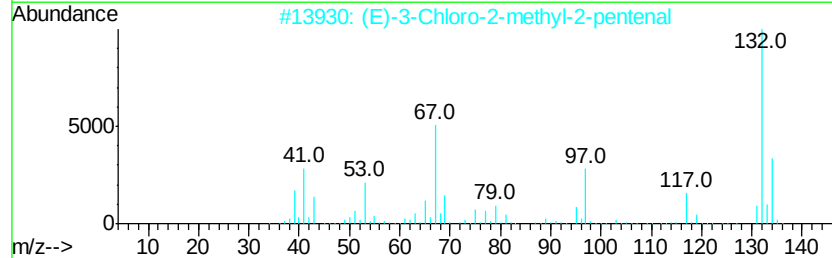
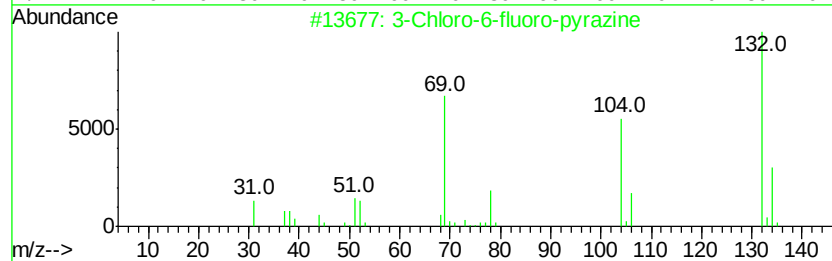
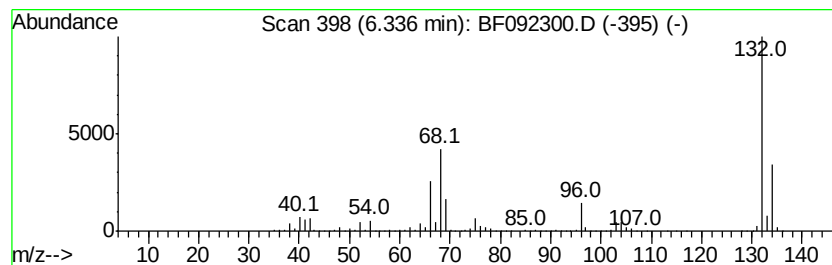
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	84.56 ng	4900110	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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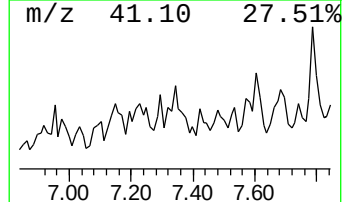
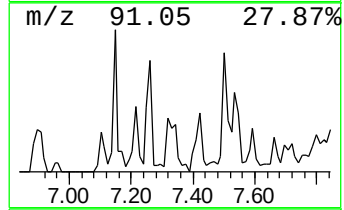
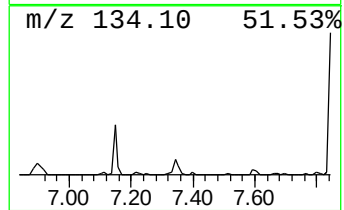
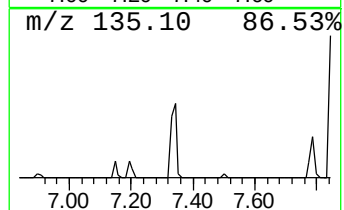
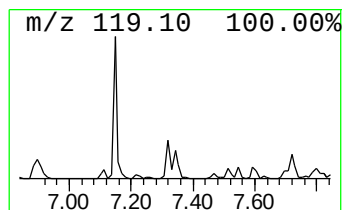
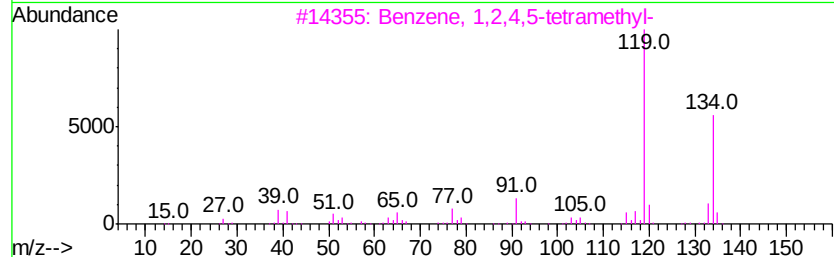
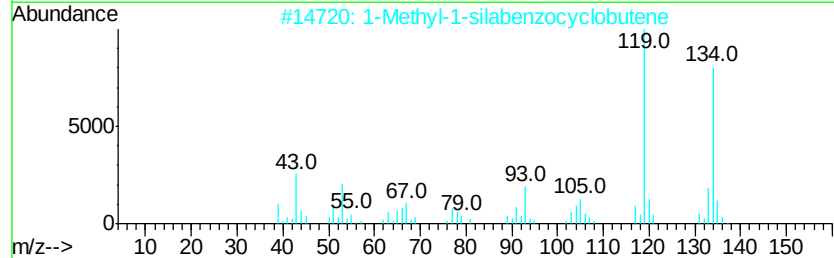
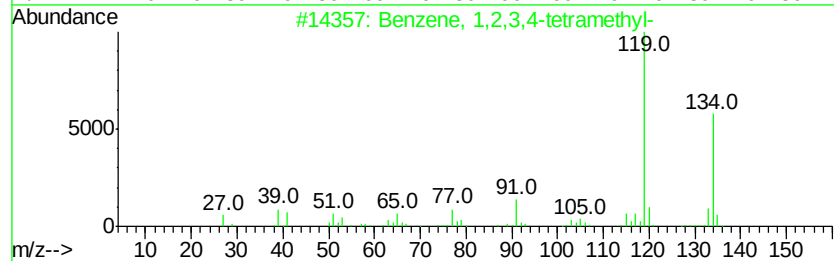
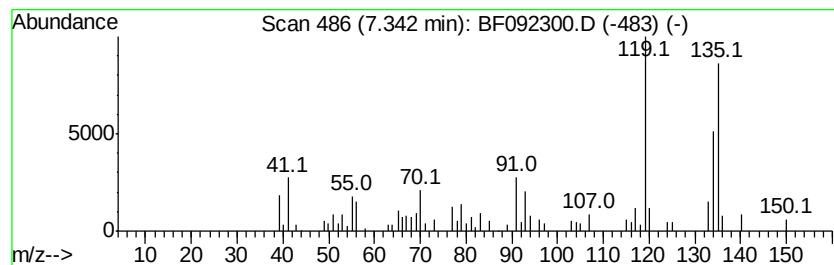
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.75 ng	194999	Napthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2		1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	60
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	55



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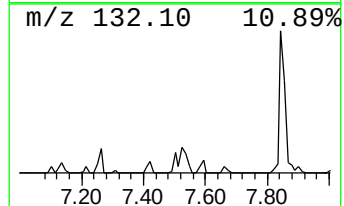
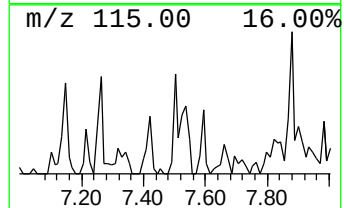
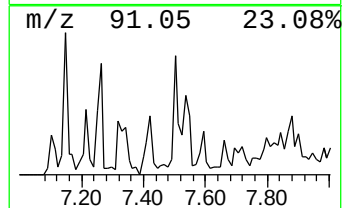
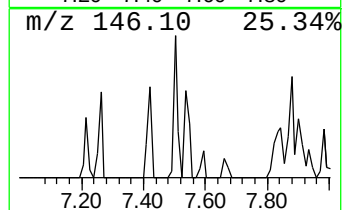
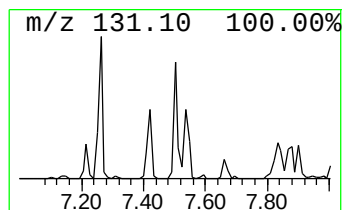
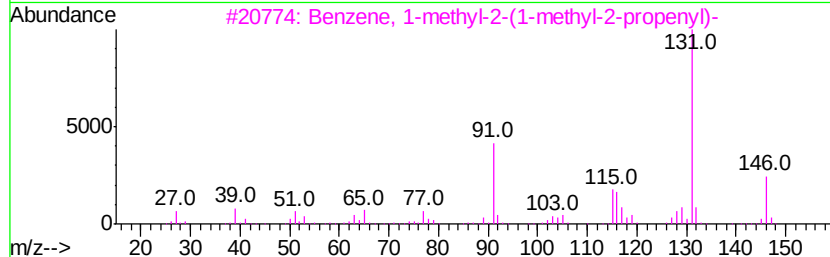
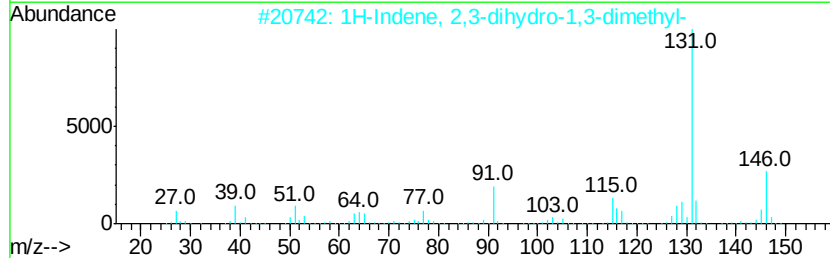
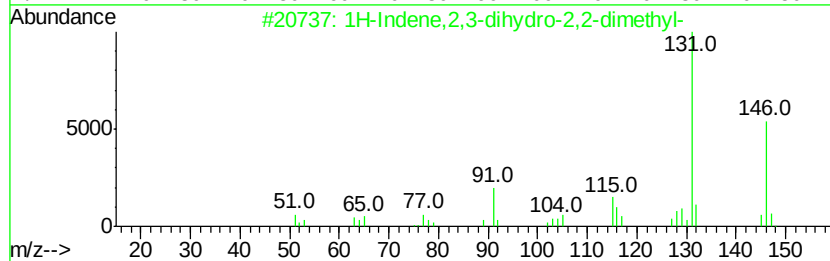
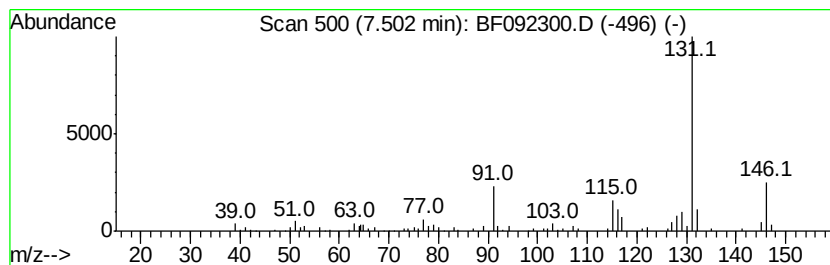
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.02 ng	142889	Napthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	94
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



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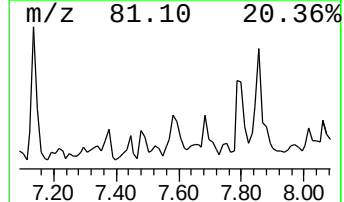
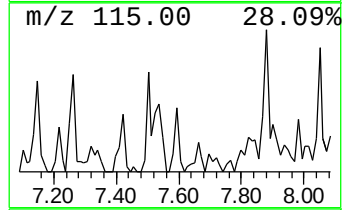
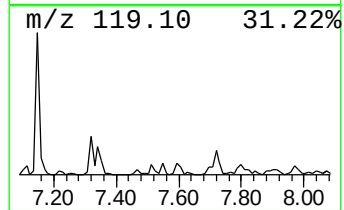
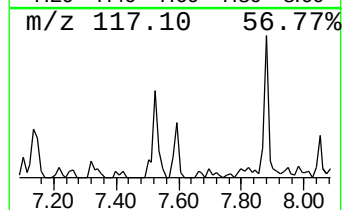
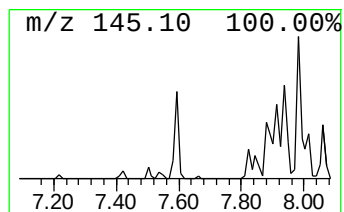
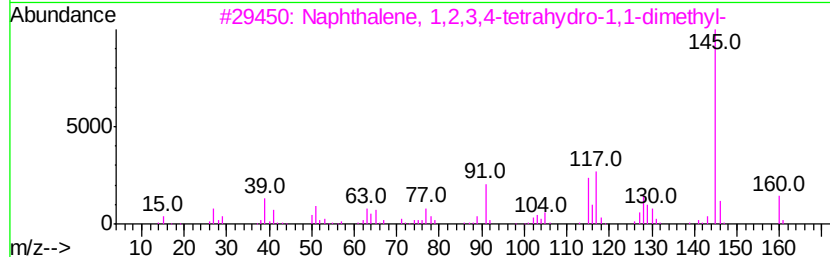
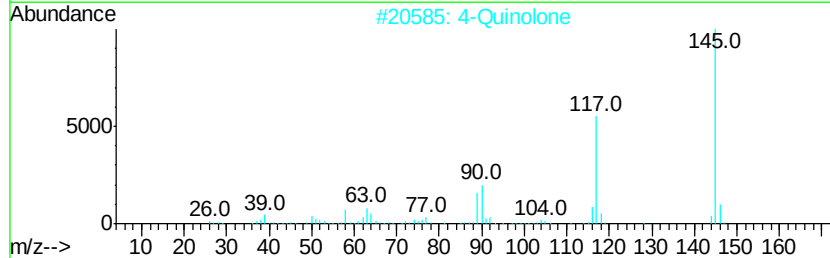
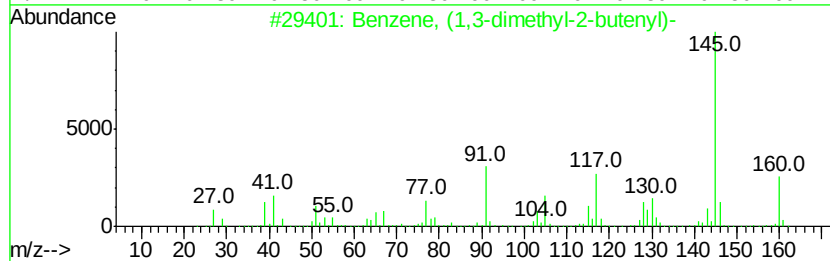
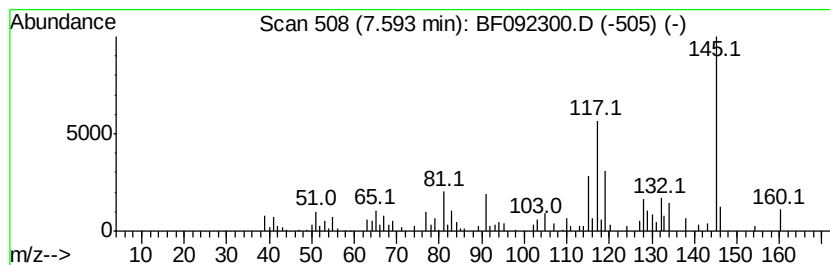
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1,3-dimethyl-2-bu... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.39 ng	169023	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64
2		4-Quinolone	145	C9H7NO	1000234-25-1	49
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	46
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	46
5		1,6-Naphthyridin-2-amine	145	C8H7N3	017965-81-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
Operator : UM/SJ
Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W-45

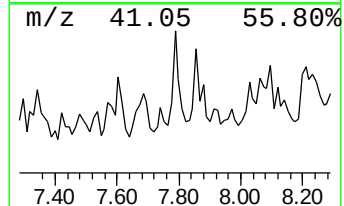
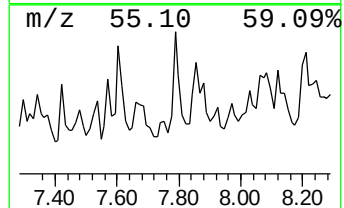
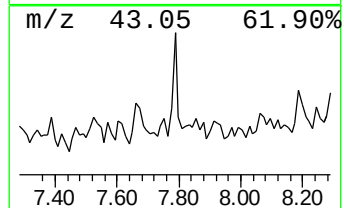
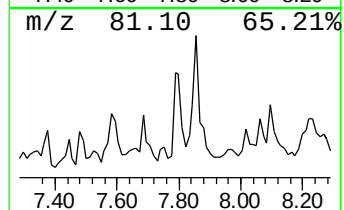
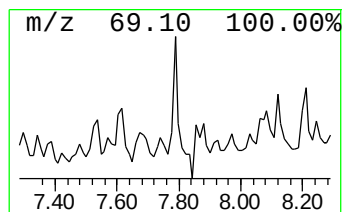
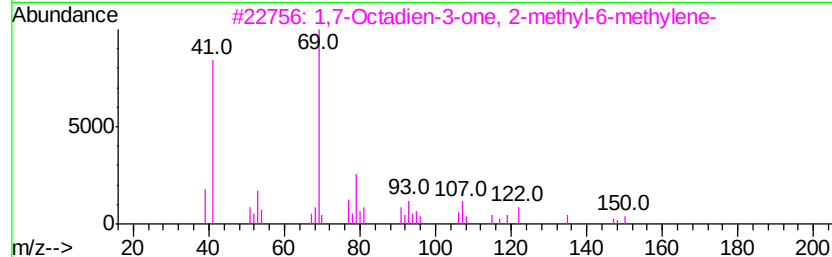
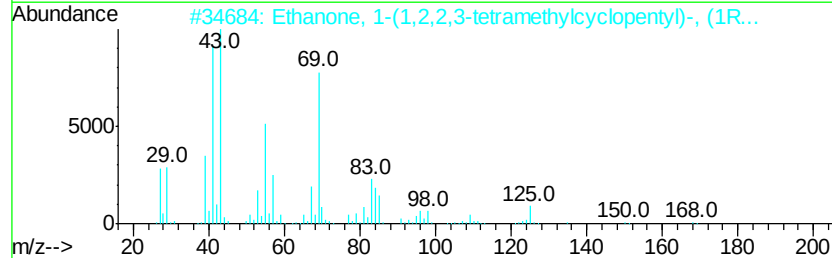
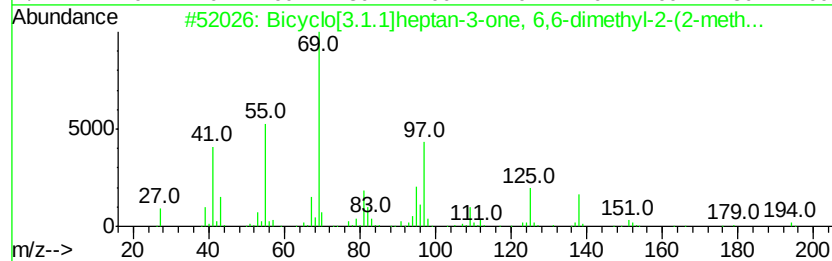
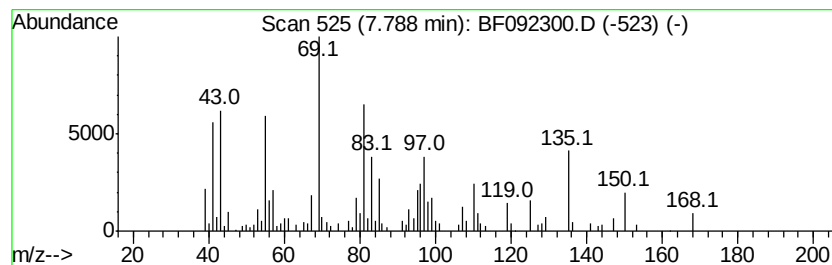
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.79 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.39 ng	169183	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	35
2		Ethanone, 1-(1,2,2,3-tetramethyl...	168	C11H20O	059642-07-8	32
3		1,7-Octadien-3-one, 2-methyl-6-m...	150	C10H14O	041702-60-7	25
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	22
5		2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
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Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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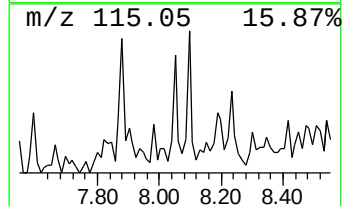
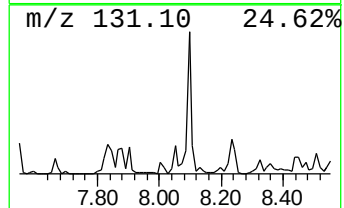
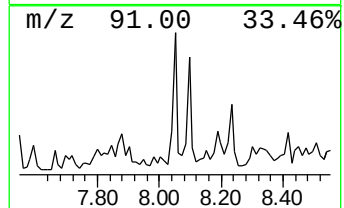
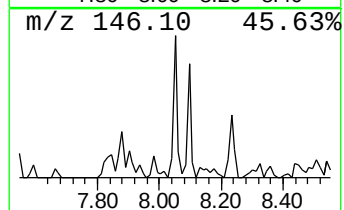
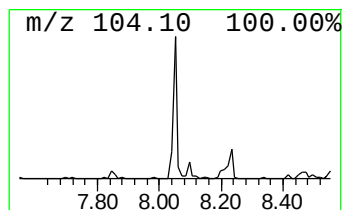
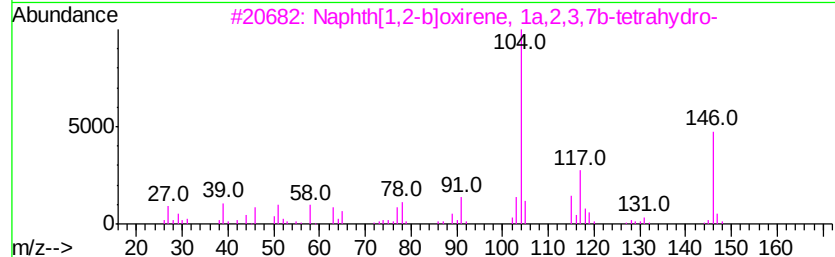
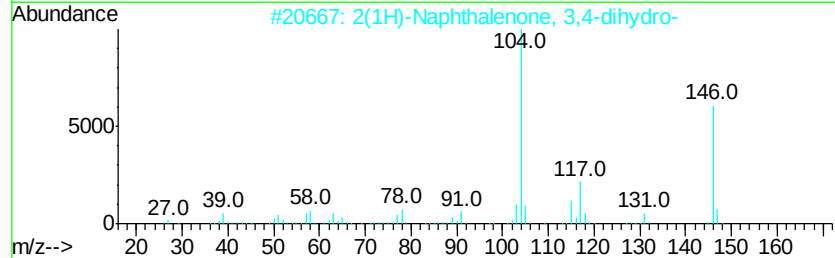
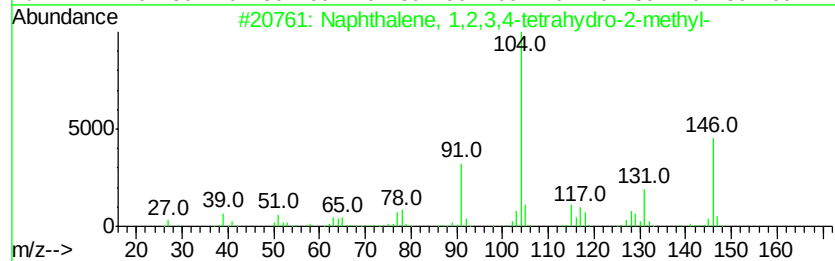
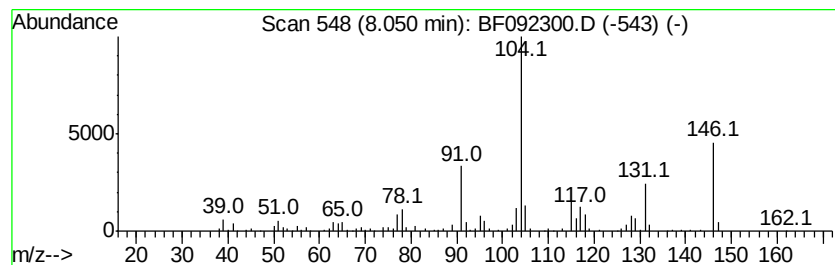
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	4.13 ng	292535	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	72
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	50
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
Operator : UM/SJ
Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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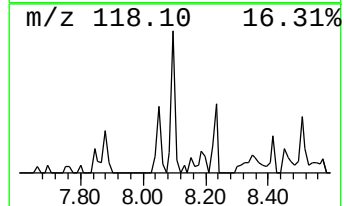
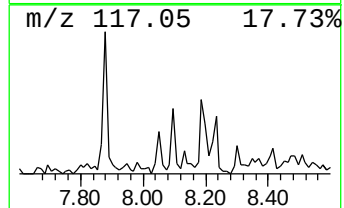
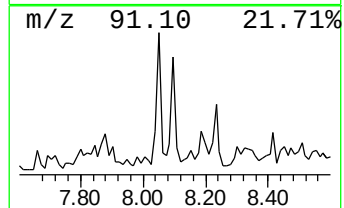
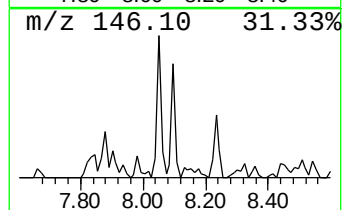
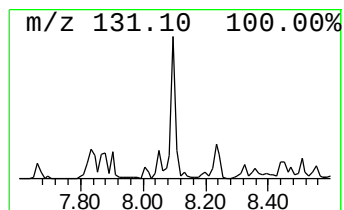
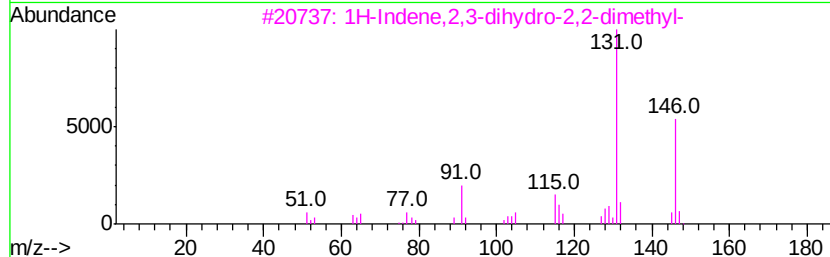
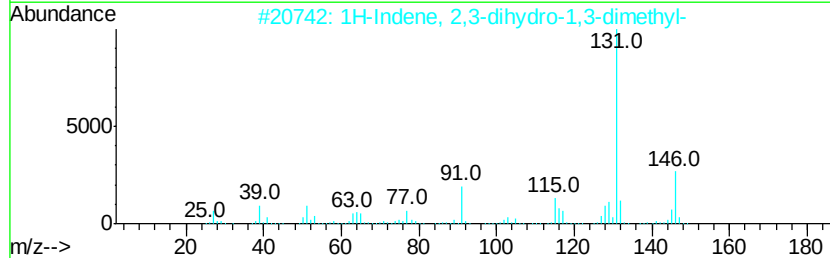
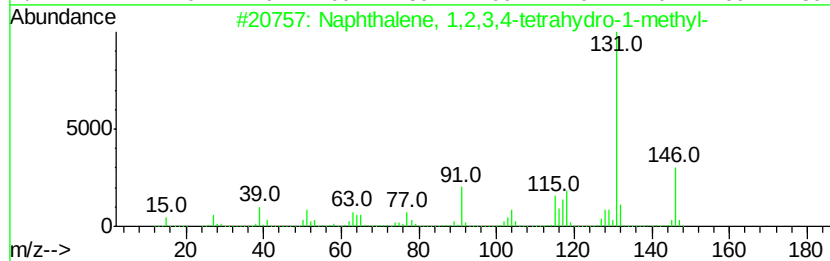
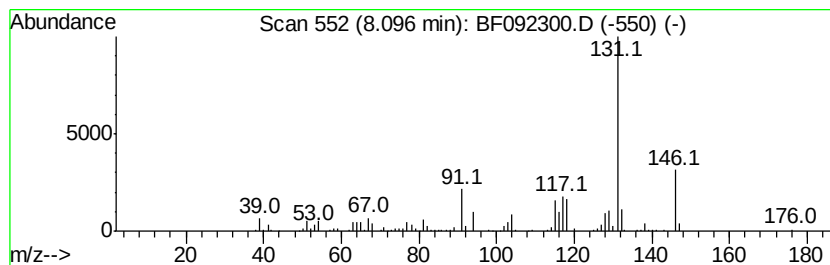
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	2.90 ng	205191	Naphthalene-d8	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	97
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3			1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	87
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
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Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

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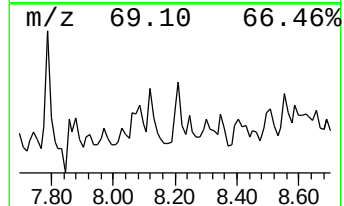
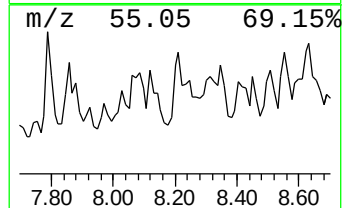
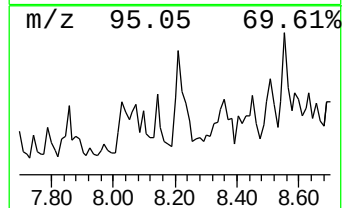
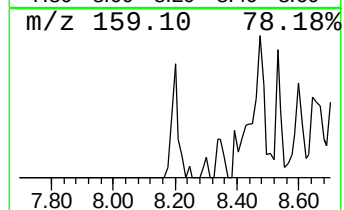
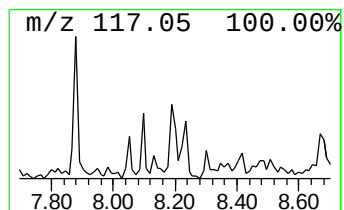
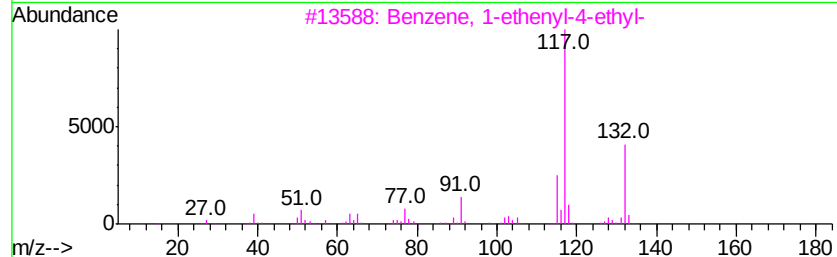
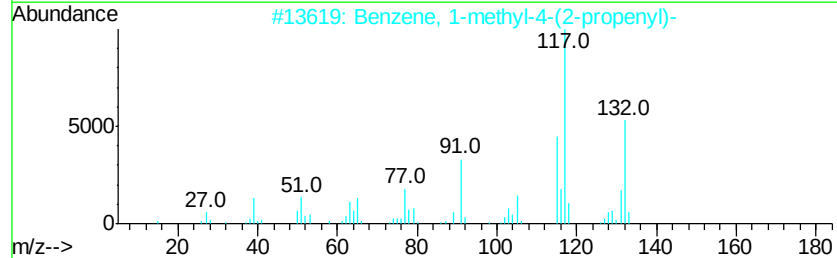
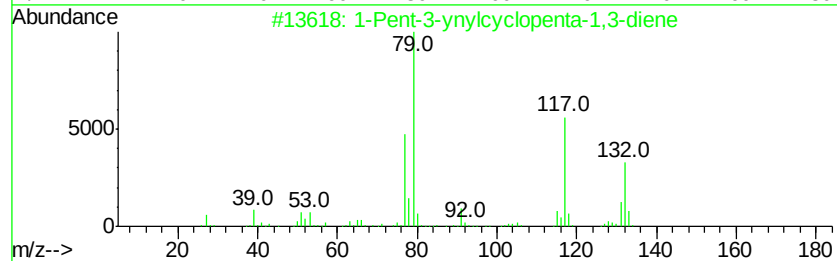
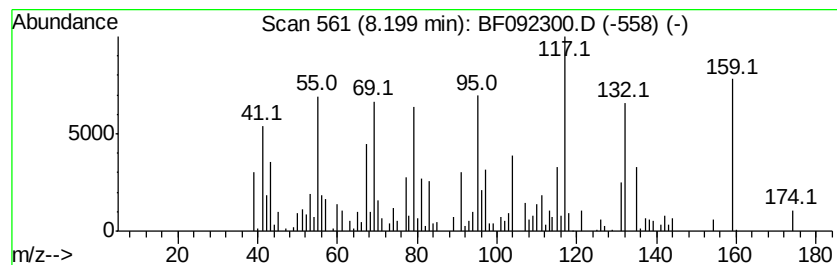
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.24 ng	159067	Napthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pent-3-ynylcyclopenta-1,3-diene	132	C10H12	1000190-19-5	46
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	35
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	35
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
Operator : UM/SJ
Sample : I1197-07
Misc :
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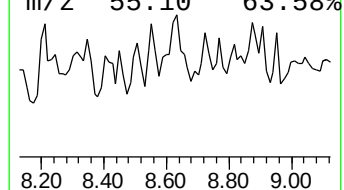
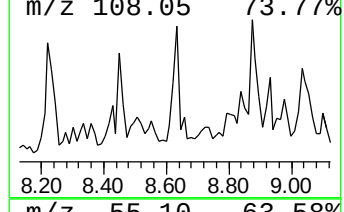
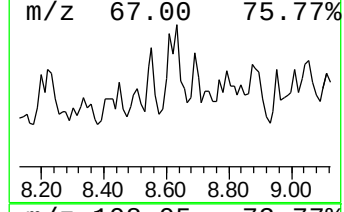
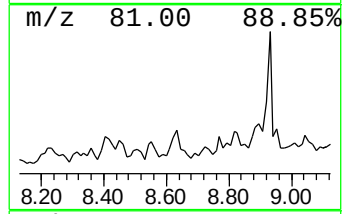
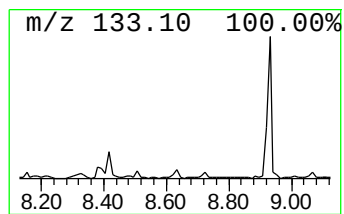
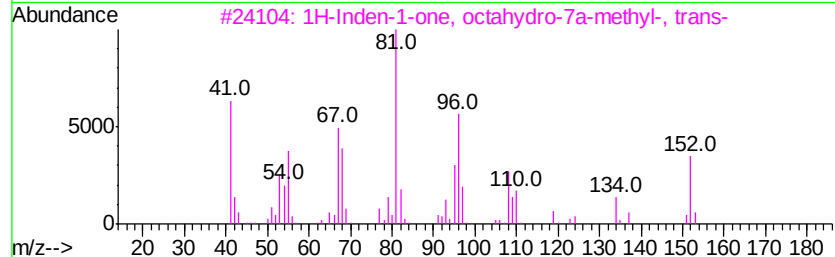
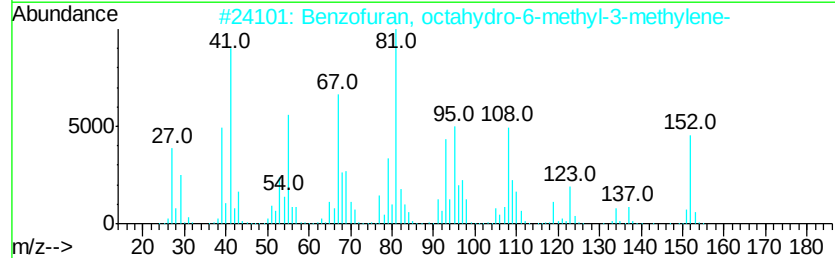
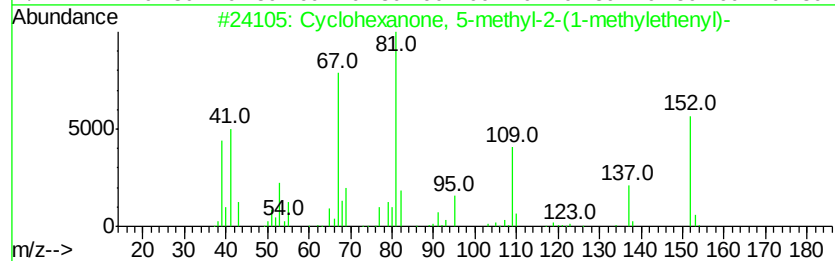
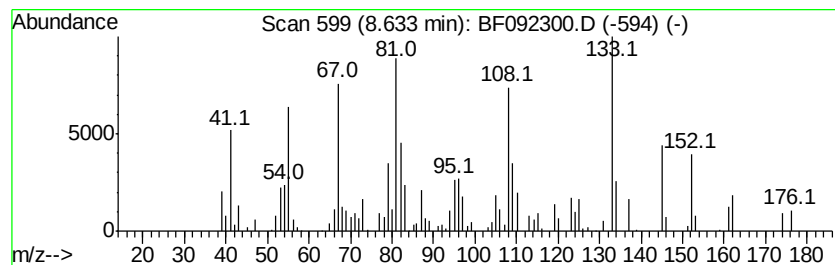
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexanone, 5-methyl-2-(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.63	2.56 ng	181560	Napthalene-d8	7.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	60
2		Benzofuran, octahydro-6-methyl-3...	152	C10H16O	077954-13-3	49
3		1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	46
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46
5		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
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Acq On : 16 Jan 2017 22:21
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Misc :
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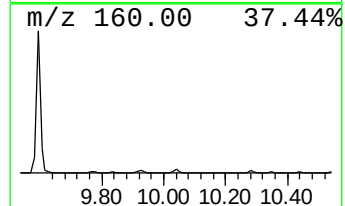
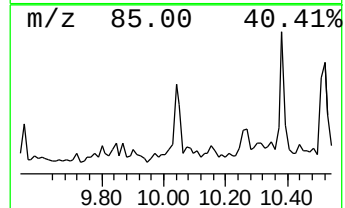
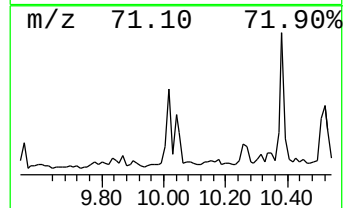
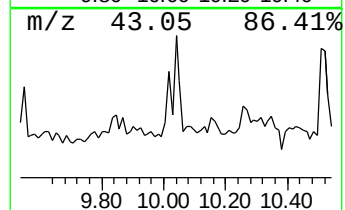
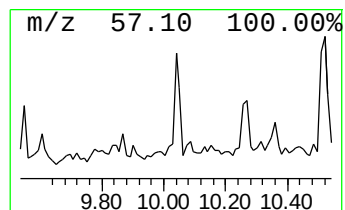
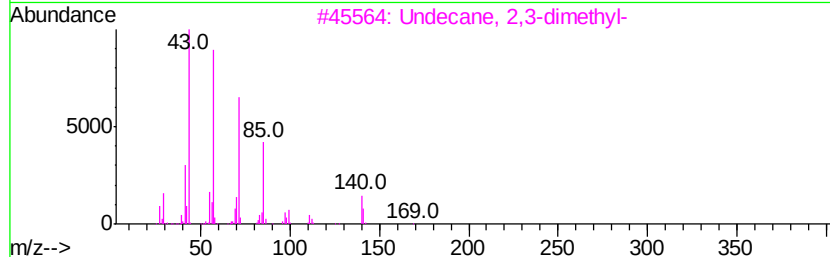
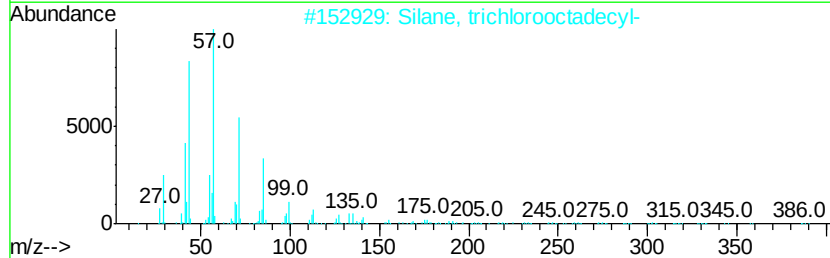
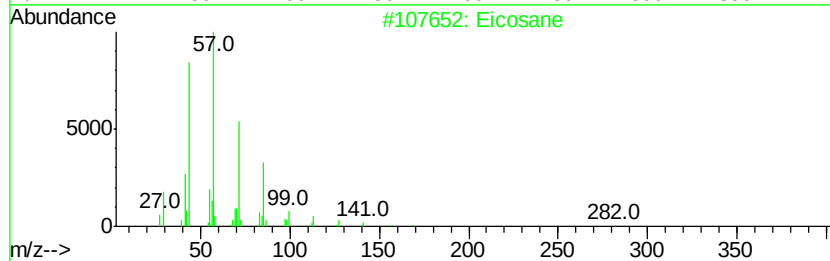
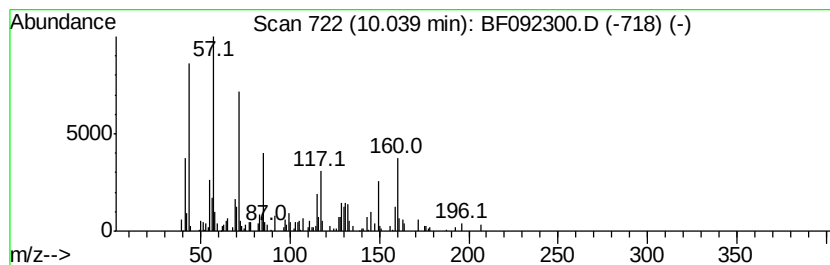
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.04	2.11 ng	189300	Acenaphthene-d10		9.59
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	41
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	38
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
Operator : UM/SJ
Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

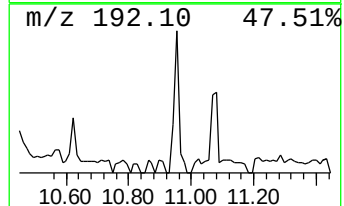
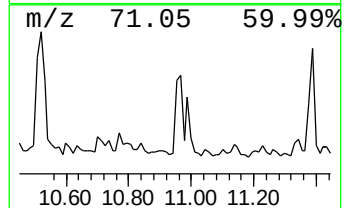
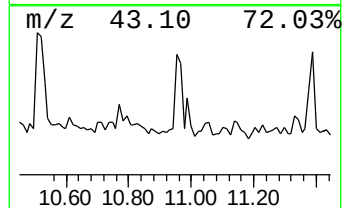
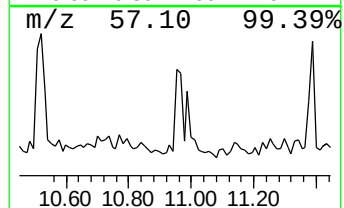
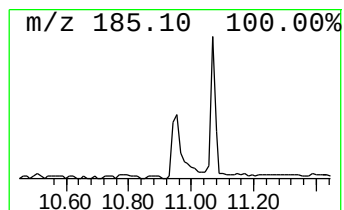
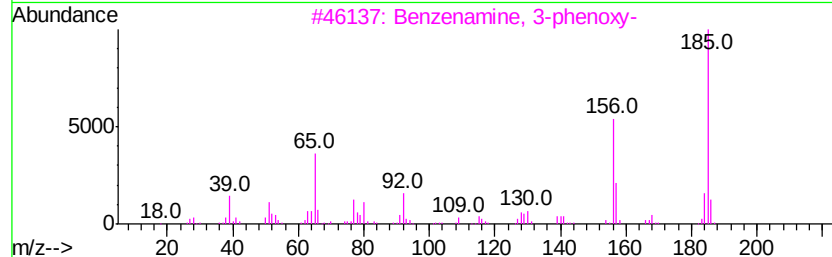
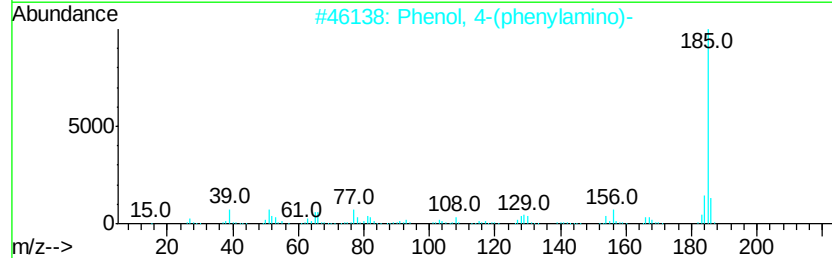
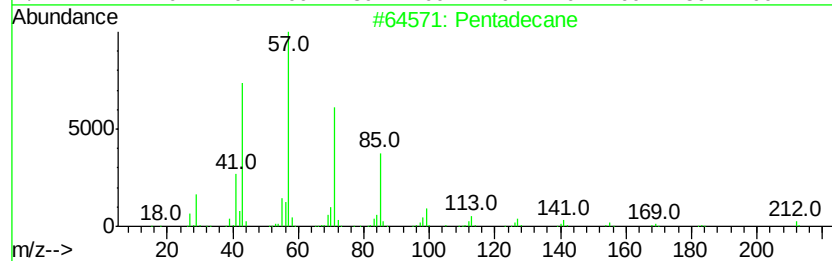
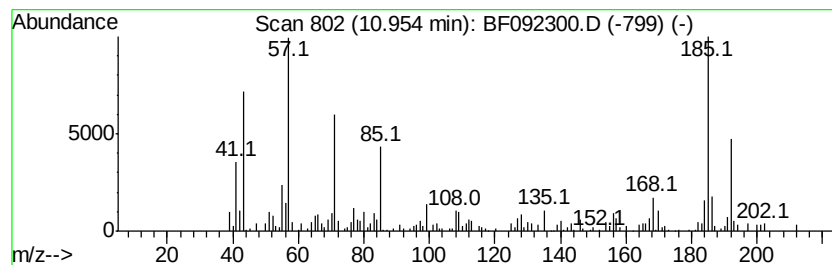
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.95 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.56 ng	229154	Phenanthrene-d10	11.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	48
2		Phenol, 4-(phenylamino)-	185	C12H11NO	000122-37-2	46
3		Benzenamine, 3-phenoxy-	185	C12H11NO	003586-12-7	42
4		2-Aminodiphenyl ether	185	C12H11NO	002688-84-8	41
5		[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092300.D
Acq On : 16 Jan 2017 22:21
Operator : UM/SJ
Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

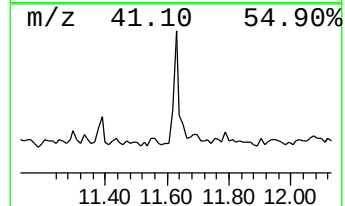
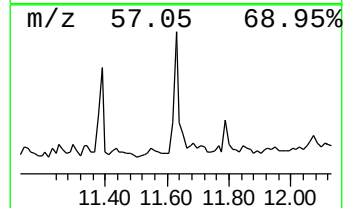
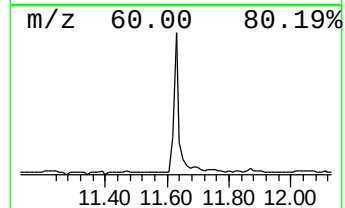
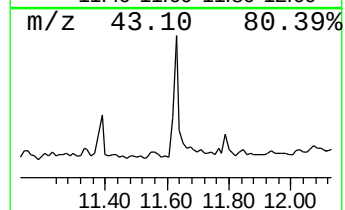
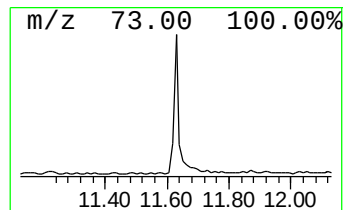
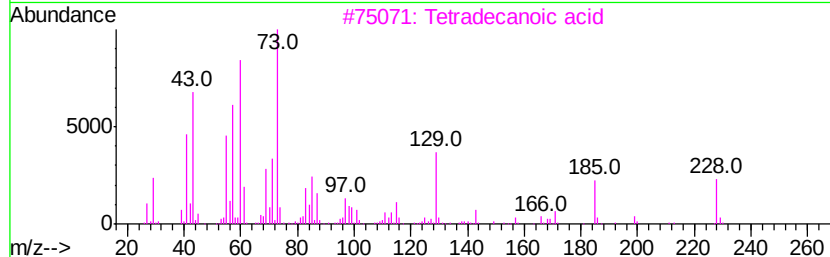
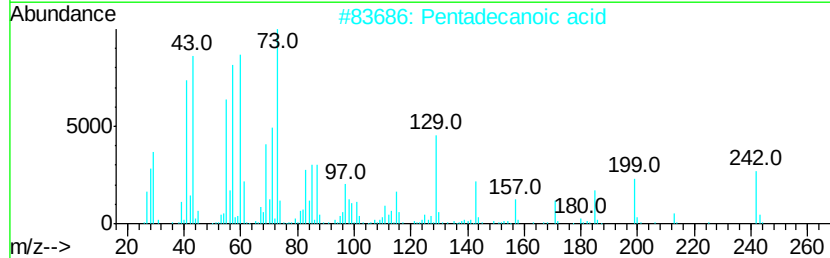
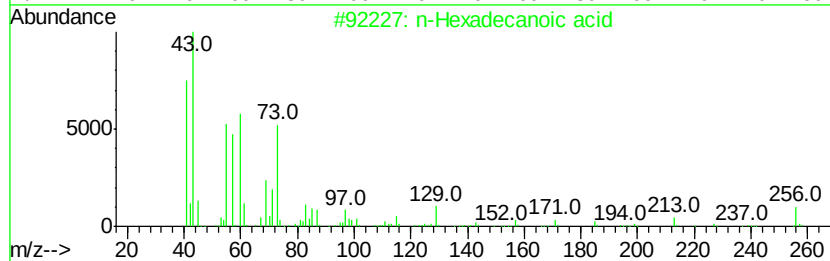
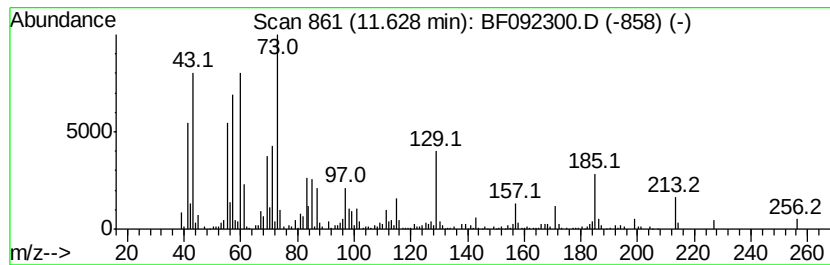
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.64 ng	415618	Phenanthrene-d10	11.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	68
5			Tridecane	184	C13H28	000629-50-5	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
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Acq On : 16 Jan 2017 22:21
Operator : UM/SJ
Sample : I1197-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-45

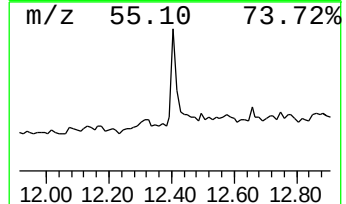
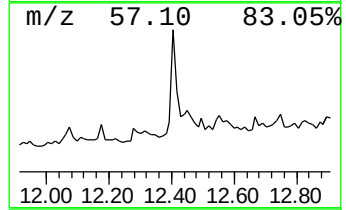
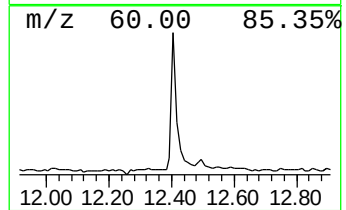
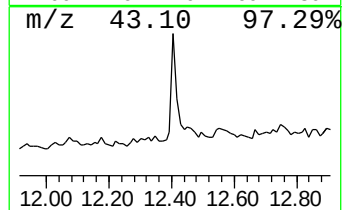
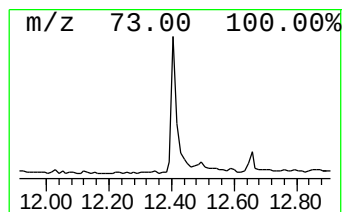
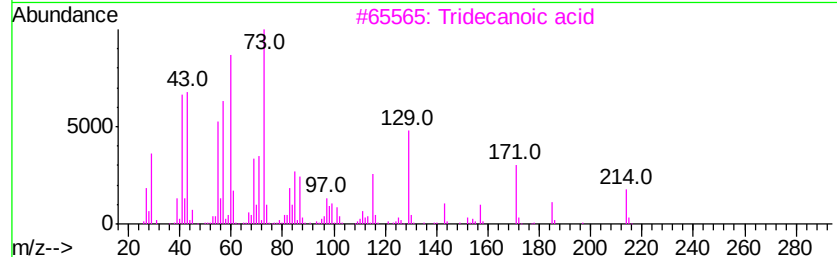
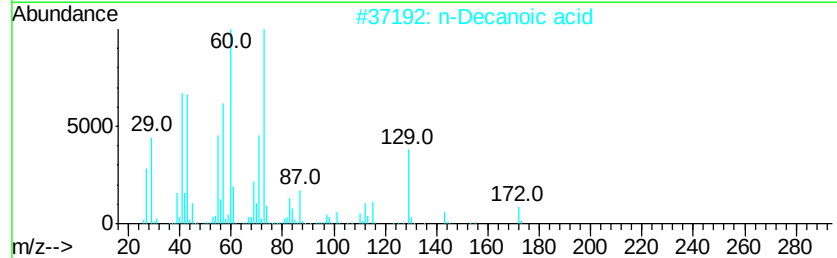
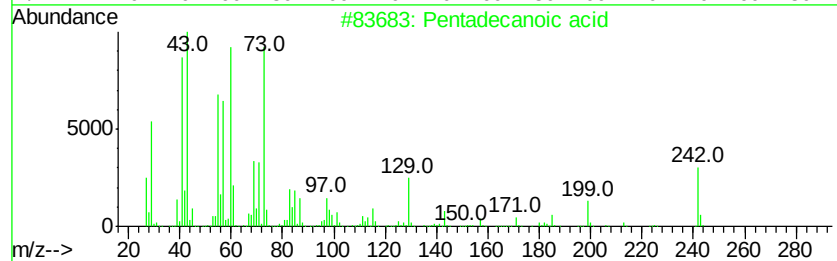
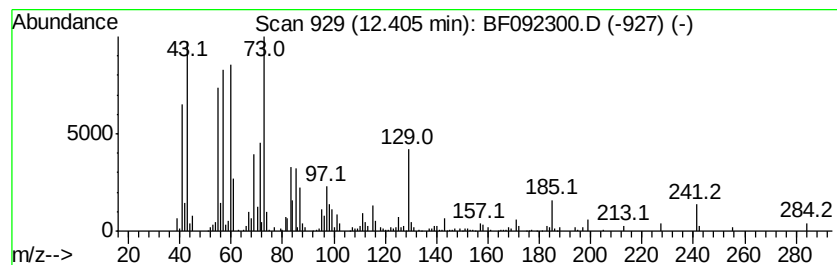
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.51 ng	210568	Chrysene-d12	13.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2			n-Decanoic acid	172	C10H20O2	000334-48-5	68
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
5			Nonanoic acid	158	C9H18O2	000112-05-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
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 Operator : UM/SJ
 Sample : I1197-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	14.1 ng		818260	1	6.56	1159000	20.0
unknown6.34	6.34	84.6 ng		4900110	1	6.56	1159000	20.0
Benzene, 1,2,3,4-...	7.34	2.8 ng		194999	2	7.84	1417100	20.0
1H-Indene,2,3-dih...	7.50	2.0 ng		142889	2	7.84	1417100	20.0
Benzene, (1,3-dim...	7.59	2.4 ng		169023	2	7.84	1417100	20.0
unknown7.79	7.79	2.4 ng		169183	2	7.84	1417100	20.0
Naphthalene, 1,2,...	8.05	4.1 ng		292535	2	7.84	1417100	20.0
Naphthalene, 1,2,...	8.10	2.9 ng		205191	2	7.84	1417100	20.0
unknown8.20	8.20	2.2 ng		159067	2	7.84	1417100	20.0
Cyclohexanone, 5-...	8.63	2.6 ng		181560	2	7.84	1417100	20.0
unknown10.04	10.04	2.1 ng		189300	3	9.59	1793680	20.0
unknown10.95	10.95	2.6 ng		229154	4	11.07	1792360	20.0
n-Hexadecanoic acid	11.63	4.6 ng		415618	4	11.07	1792360	20.0
Pentadecanoic acid	12.41	2.5 ng		210568	5	13.70	1675630	20.0