

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078968.D
 Acq On : 6 May 2015 18:56
 Operator : TP/IZ
 Sample : G2114-04 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-2(0-6)

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-BF043015.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	1.495	24	27	29	rVB	2137848	2918793	67.35%	12.327%
2	1.632	37	39	49	rVB	131167	261744	6.04%	1.105%
3	1.770	49	51	53	rVV	103824	148136	3.42%	0.626%
4	1.815	53	55	60	rVV	93826	154074	3.56%	0.651%
5	1.895	60	62	101	rVB	2365481	4333653	100.00%	18.303%
6	5.153	345	347	354	rVB	64205	77457	1.79%	0.327%
7	5.644	388	390	393	rBV	584459	562782	12.99%	2.377%
8	6.902	497	500	502	rBV	523534	626911	14.47%	2.648%
9	7.062	511	514	516	rBV	524392	626056	14.45%	2.644%
10	7.347	537	539	542	rBV	455808	400480	9.24%	1.691%
11	7.530	553	555	558	rVB	428420	472286	10.90%	1.995%
12	8.033	597	599	602	rBV	396873	373907	8.63%	1.579%
13	8.925	674	677	679	rBV	673713	590726	13.63%	2.495%
14	10.273	792	795	797	rBV	660536	779051	17.98%	3.290%
15	10.776	837	839	841	rBV	54319	57556	1.33%	0.243%
16	11.096	865	867	870	rBV	483030	638363	14.73%	2.696%
17	11.451	896	898	905	rBV	45229	84784	1.96%	0.358%
18	11.999	944	946	949	rVB	141099	134229	3.10%	0.567%
19	12.079	950	953	956	rBV	414565	412986	9.53%	1.744%
20	12.948	1026	1029	1030	rBV	773574	719080	16.59%	3.037%
21	12.971	1030	1031	1034	rVV	265896	367159	8.47%	1.551%
22	13.039	1035	1037	1040	rVV	98596	97841	2.26%	0.413%
23	13.245	1053	1055	1057	rVB	66589	76284	1.76%	0.322%
24	13.577	1082	1084	1086	rBV	51811	54794	1.26%	0.231%
25	13.611	1086	1087	1089	rVB	73659	61436	1.42%	0.259%
26	13.668	1089	1092	1094	rBV2	33326	51934	1.20%	0.219%
27	13.714	1094	1096	1097	rVV	85511	101215	2.34%	0.427%
28	13.737	1097	1098	1102	rVB	32478	45477	1.05%	0.192%
29	13.954	1115	1117	1121	rBV2	43686	82372	1.90%	0.348%
30	14.365	1151	1153	1156	rVV	43643	50153	1.16%	0.212%
31	14.457	1159	1161	1163	rVV	613568	609505	14.06%	2.574%
32	14.548	1166	1169	1170	rVV2	75477	110606	2.55%	0.467%
33	14.639	1174	1177	1179	rBV2	25801	50731	1.17%	0.214%
34	14.742	1182	1186	1188	rBV	498848	652485	15.06%	2.756%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
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 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

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35	14.811	1189	1192	1198	rVV	604467	874980	20.19%	3.695%
36	14.891	1198	1199	1201	rVV	37418	59183	1.37%	0.250%
37	14.948	1201	1204	1206	rVV	765885	1007953	23.26%	4.257%
38	15.017	1206	1210	1212	rVB2	25513	54745	1.26%	0.231%
39	15.154	1221	1222	1224	rVB	62307	61247	1.41%	0.259%
40	15.280	1231	1233	1236	rBV	74774	108179	2.50%	0.457%
41	15.782	1275	1277	1281	rVB	45886	67056	1.55%	0.283%
42	15.920	1287	1289	1291	rBV2	37840	66717	1.54%	0.282%
43	15.965	1291	1293	1296	rVV2	45632	76015	1.75%	0.321%
44	16.045	1299	1300	1303	rVB2	35484	46128	1.06%	0.195%
45	16.114	1303	1306	1313	rBV3	106650	203262	4.69%	0.858%
46	16.240	1314	1317	1319	rBV2	748394	1236342	28.53%	5.222%
47	16.274	1319	1320	1322	rVB	229896	254088	5.86%	1.073%
48	16.743	1359	1361	1364	rVB2	44846	74625	1.72%	0.315%
49	16.937	1376	1378	1383	rVB3	59341	95049	2.19%	0.401%
50	17.143	1394	1396	1399	rBV4	34152	62925	1.45%	0.266%
51	17.554	1429	1432	1438	rBV	225490	643075	14.84%	2.716%
52	17.668	1440	1442	1444	rVB	62489	75203	1.74%	0.318%
53	17.874	1457	1460	1463	rBV	169463	228707	5.28%	0.966%
54	17.931	1463	1465	1468	rVB	217594	282626	6.52%	1.194%
55	18.000	1469	1471	1473	rBV	619143	876028	20.21%	3.700%
56	19.497	1600	1602	1609	rVB2	102134	222221	5.13%	0.939%
57	19.943	1638	1641	1648	rVB	92917	216114	4.99%	0.913%

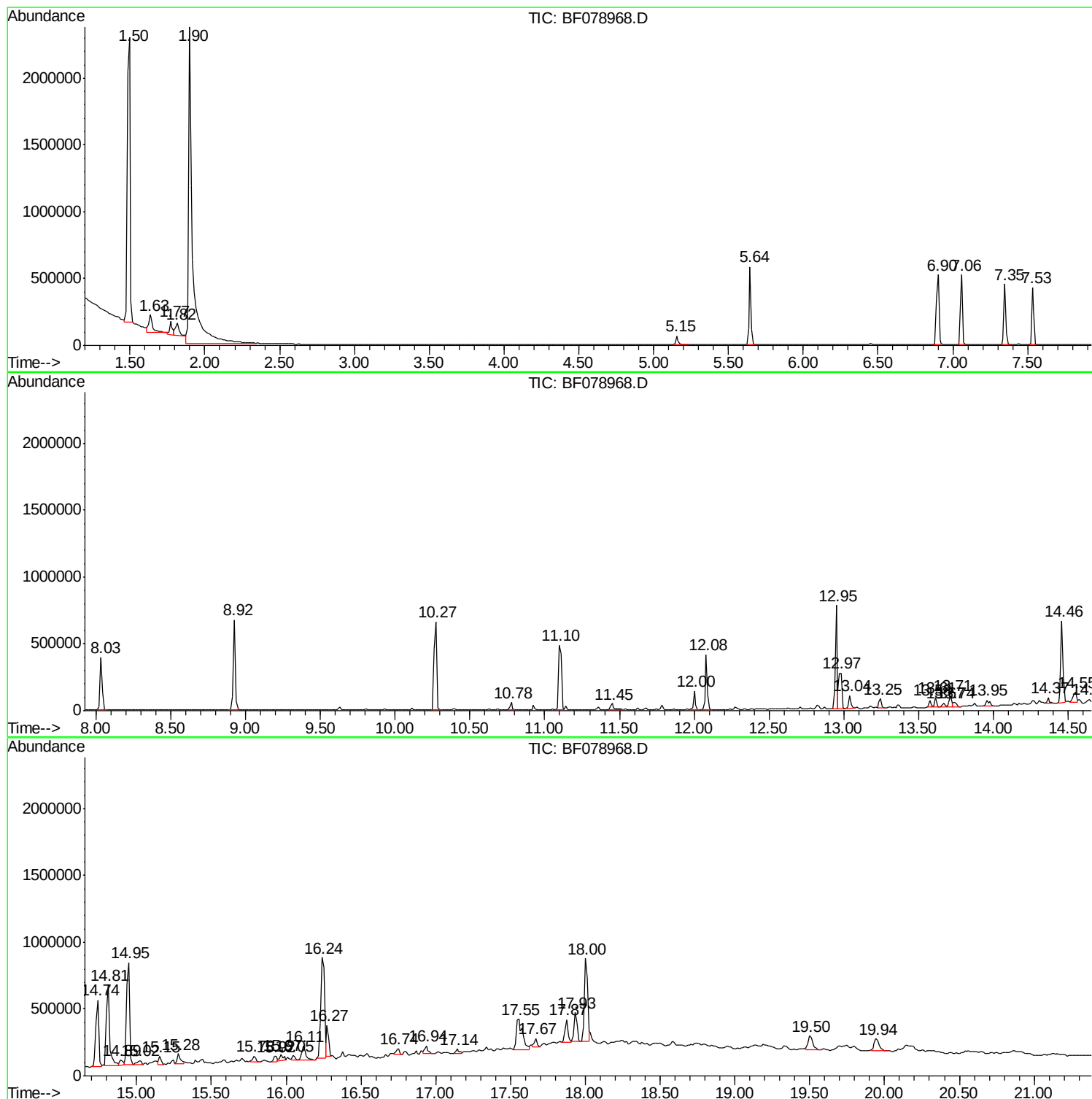
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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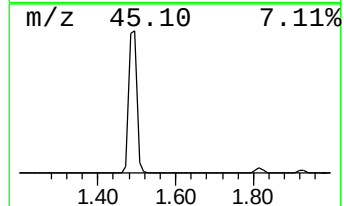
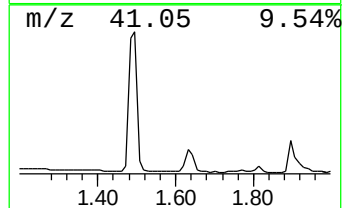
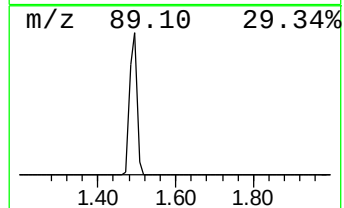
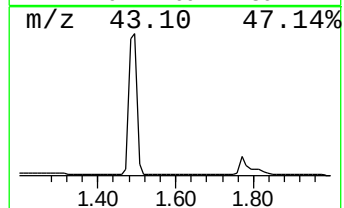
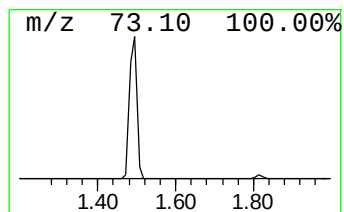
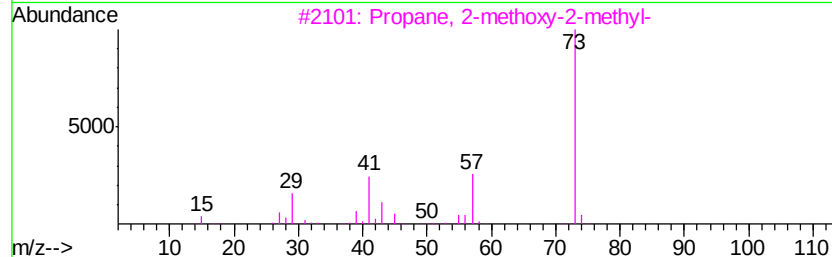
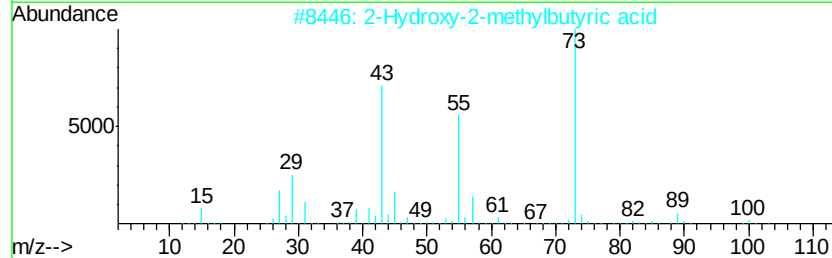
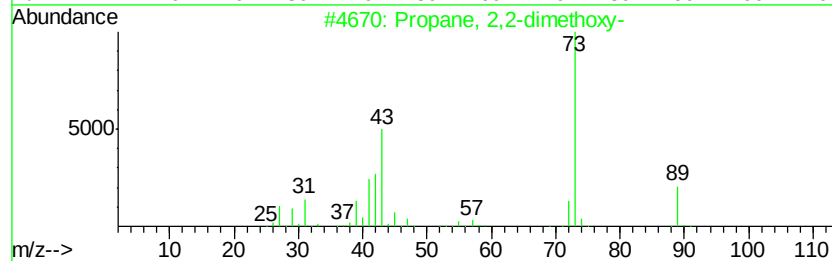
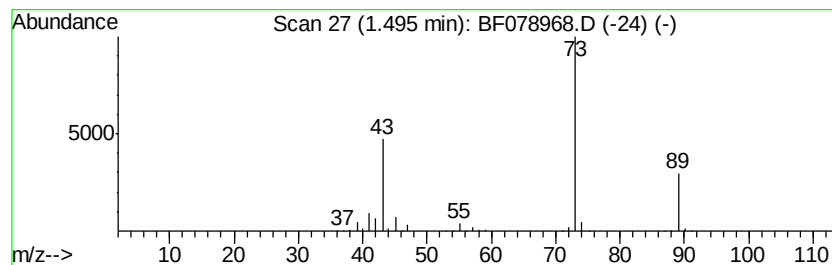
Instrument :
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ClientSampleId :
GRID-2(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.50	145.77 ng	2918790	1,4-Dichlorobenzene-d4	7.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4



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Instrument :
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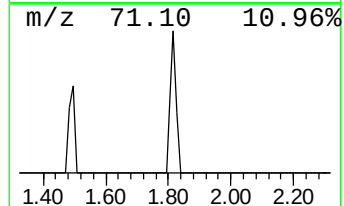
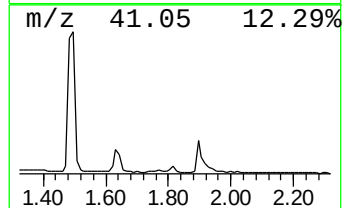
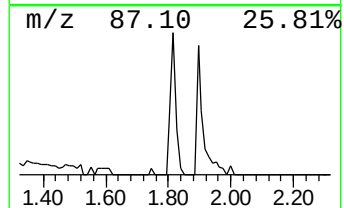
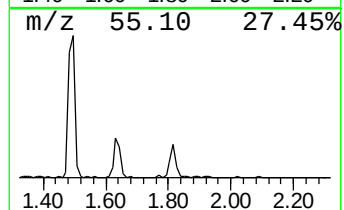
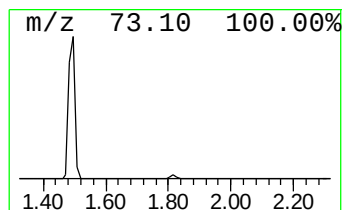
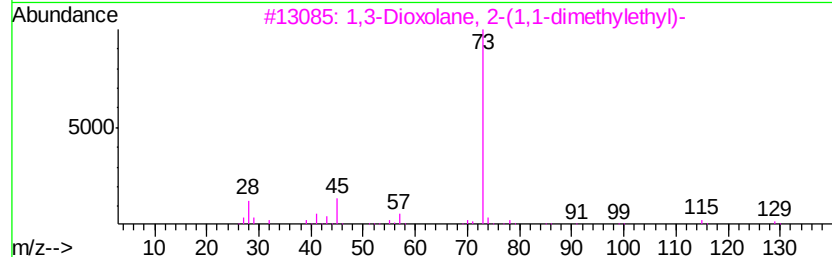
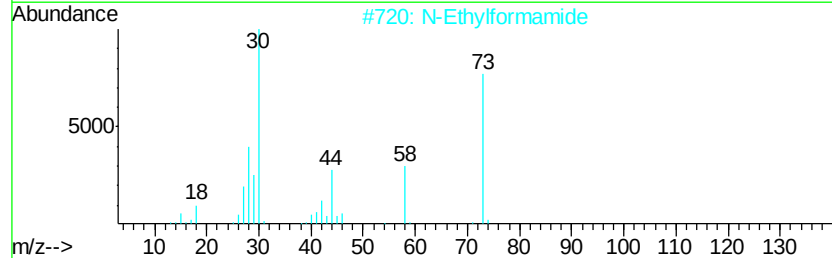
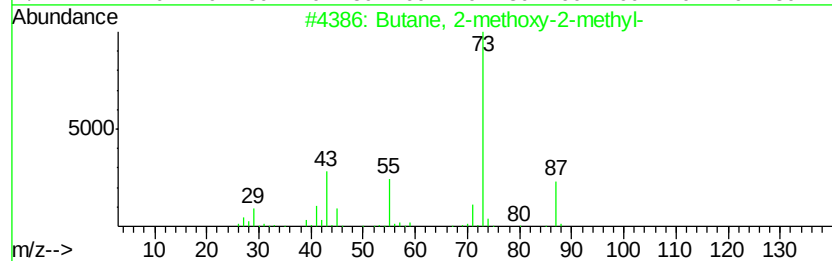
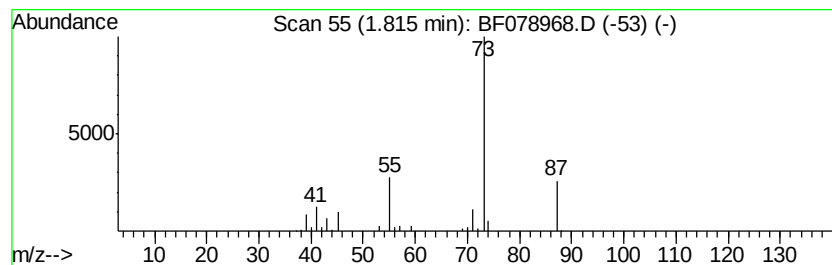
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	7.69 ng	154074	1,4-Dichlorobenzene-d4	7.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			N-Ethylformamide	73	C3H7NO	000627-45-2	23
3			1,3-Dioxolane, 2-(1,1-dimethylethyl)-	130	C7H14O2	002568-29-8	9
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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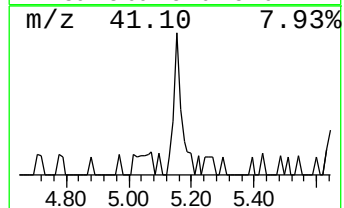
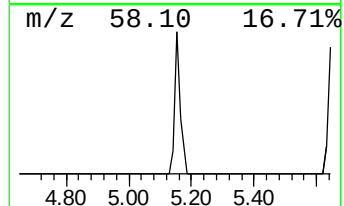
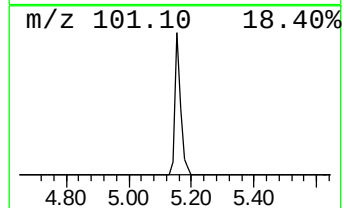
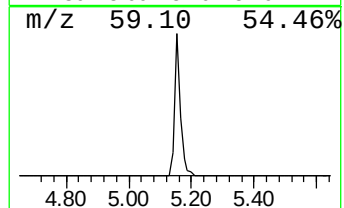
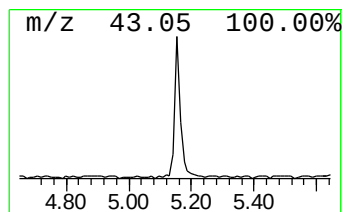
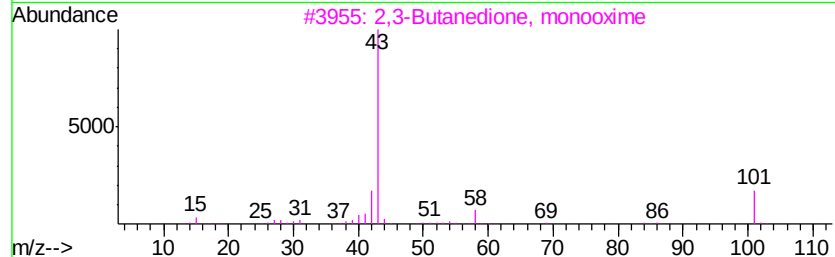
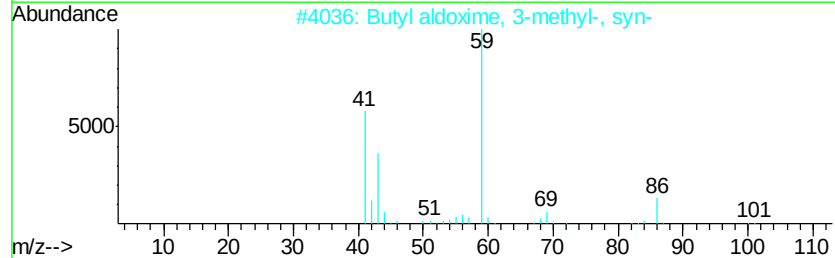
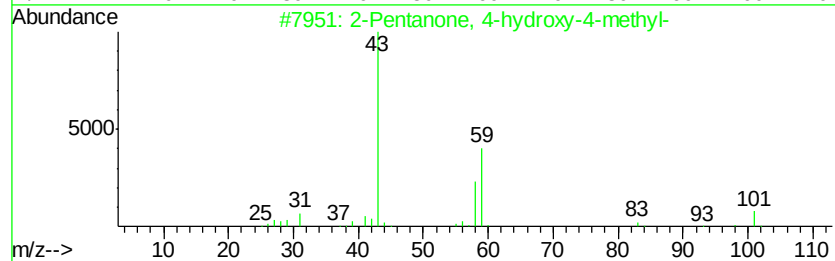
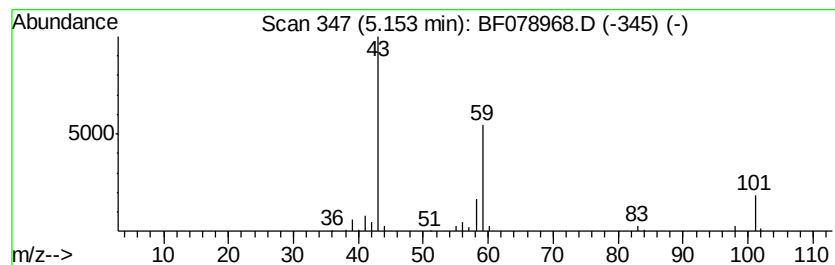
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.87 ng	77457	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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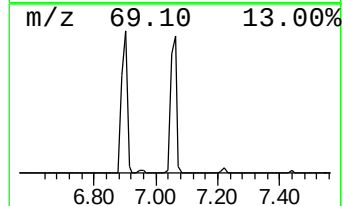
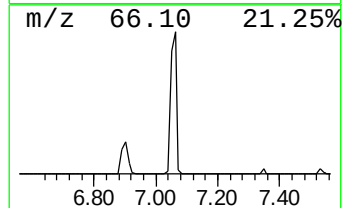
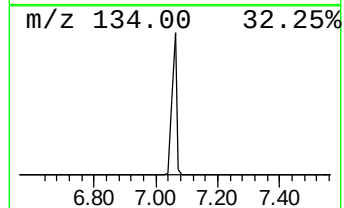
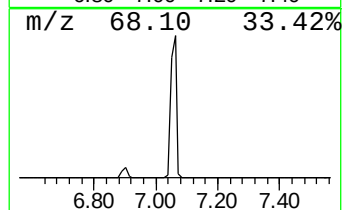
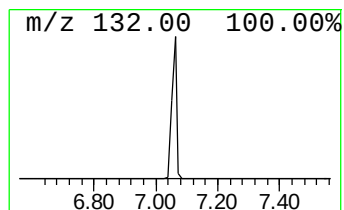
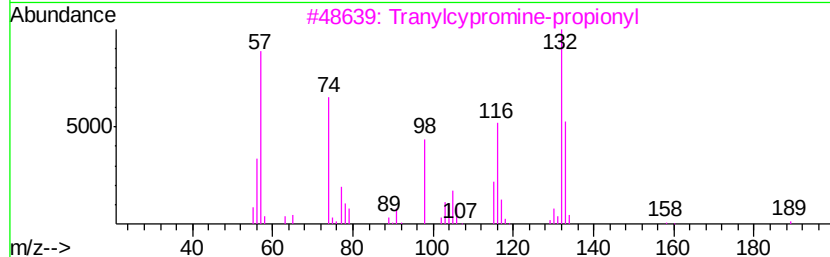
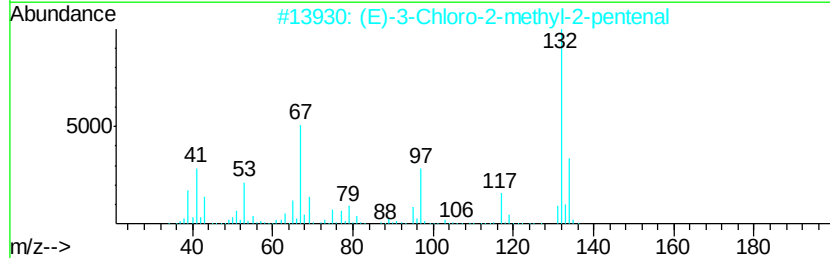
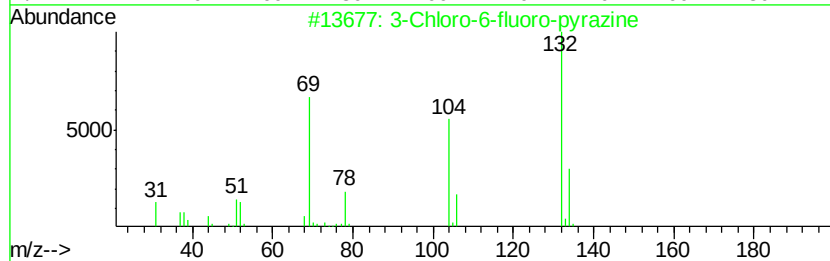
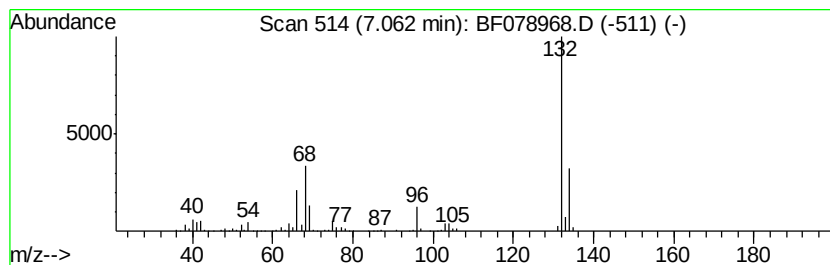
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	31.27 ng	626056	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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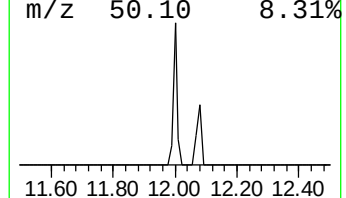
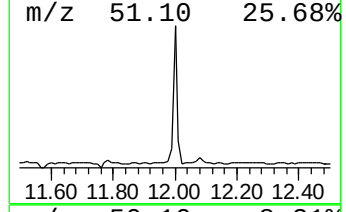
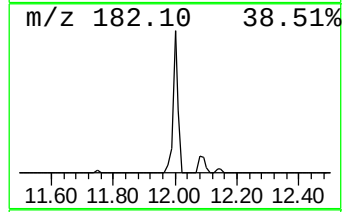
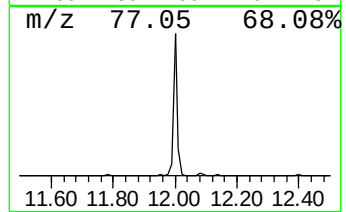
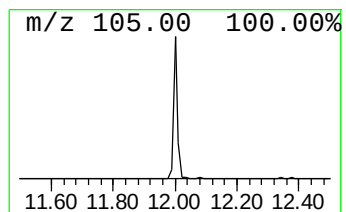
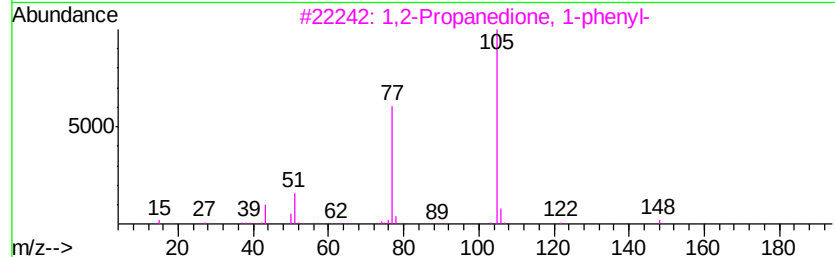
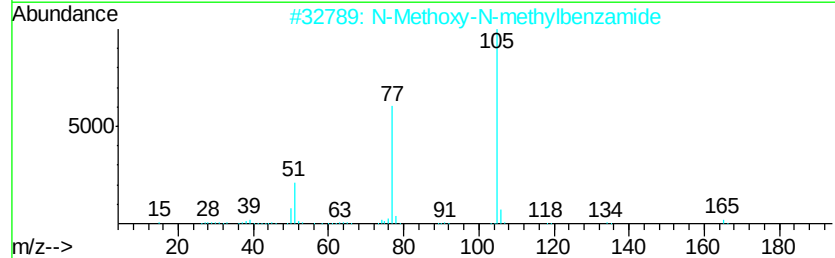
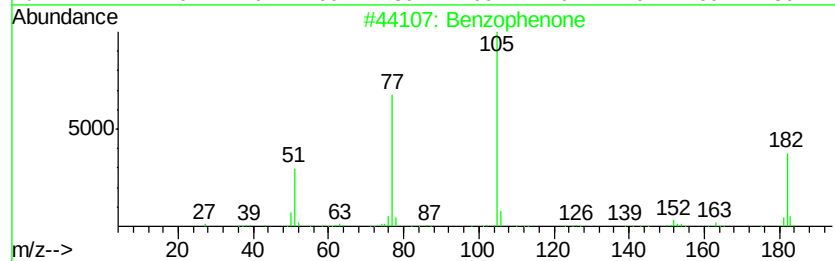
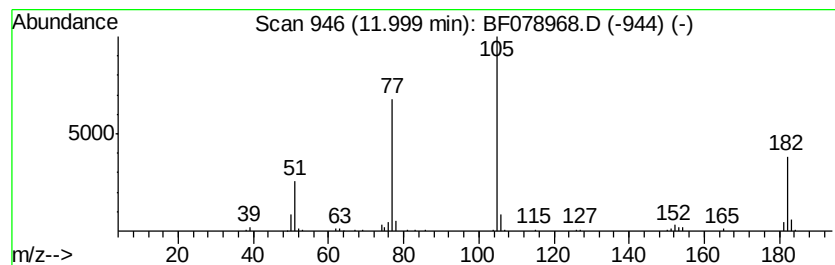
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.21 ng	134229	Acenaphthene-d10	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	53
3			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078968.D
Acq On : 6 May 2015 18:56
Operator : TP/IZ
Sample : G2114-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

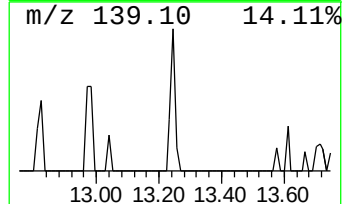
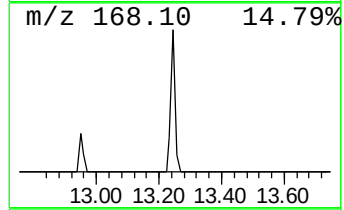
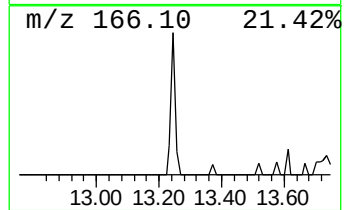
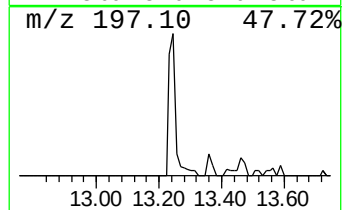
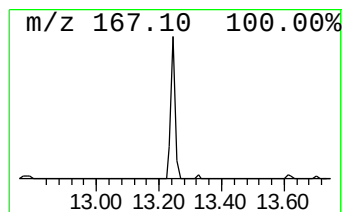
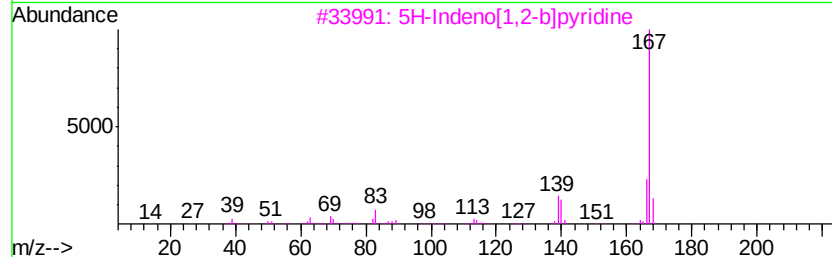
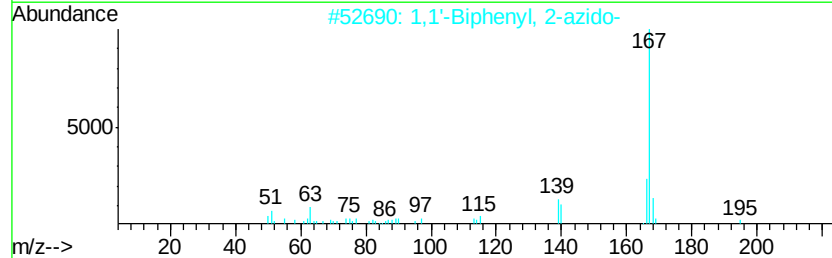
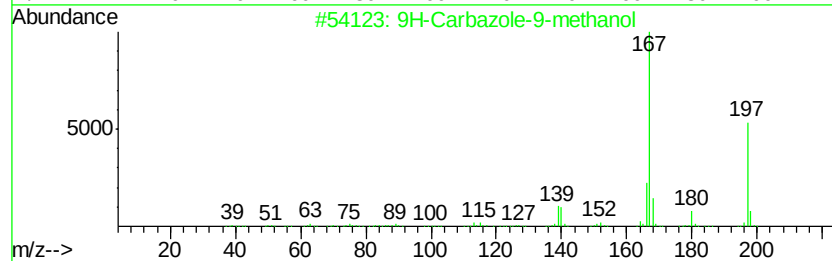
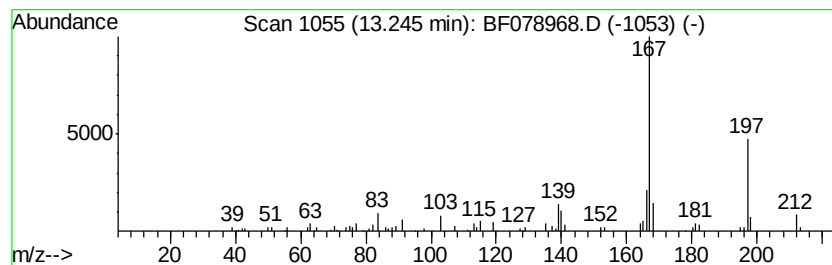
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9H-Carbazole-9-methanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.12 ng	76284	Phenanthrene-d10	12.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	91
2		1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	70
3		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	70
4		Carbazole	167	C12H9N	000086-74-8	62
5		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
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Acq On : 6 May 2015 18:56
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Sample : G2114-04 2X
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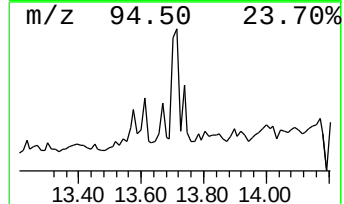
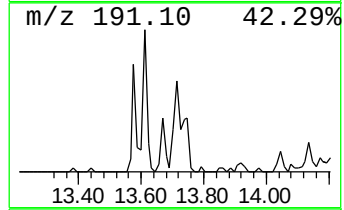
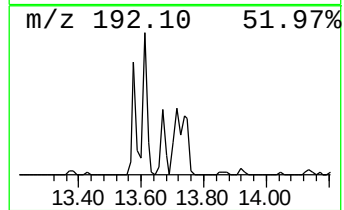
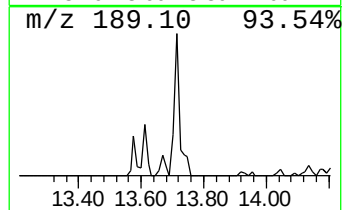
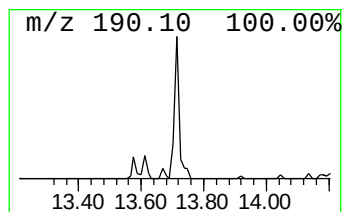
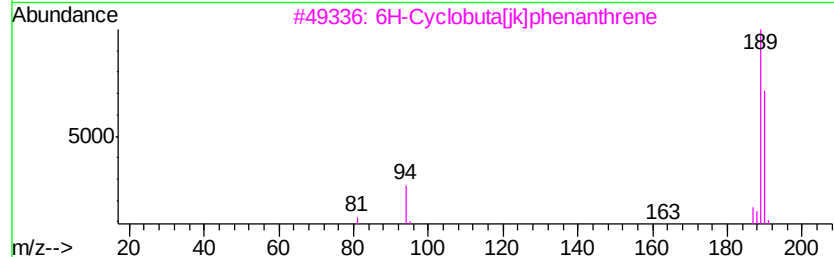
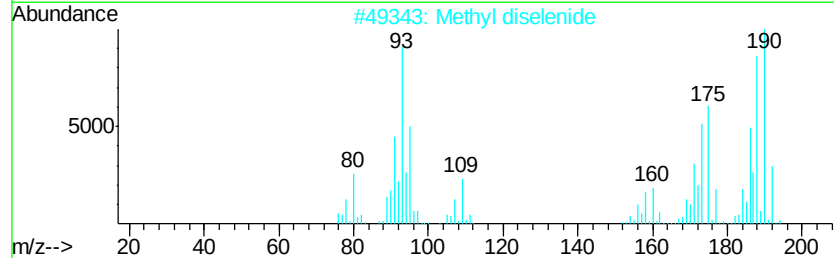
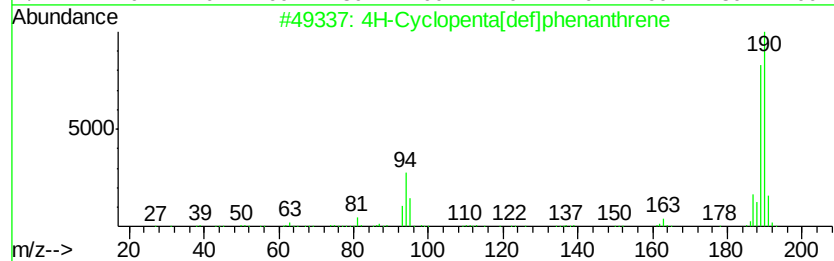
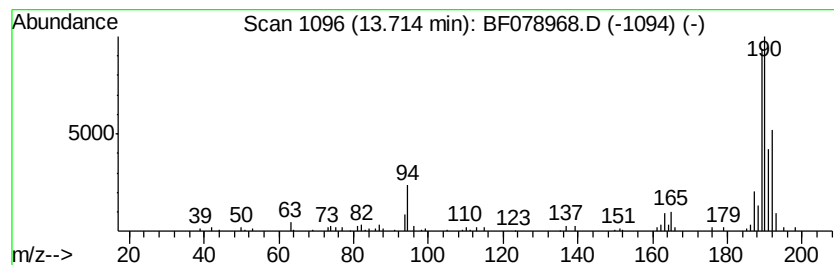
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.82 ng	101215	Phenanthrene-d10	12.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2			Methyl diselenide	190	C2H6Se2	007101-31-7	45
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	40
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
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Acq On : 6 May 2015 18:56
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Sample : G2114-04 2X
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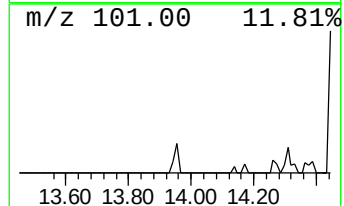
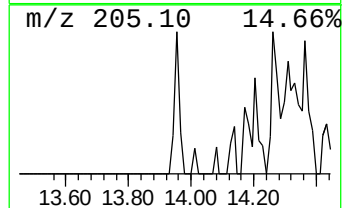
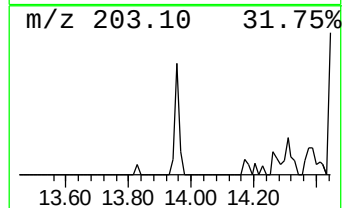
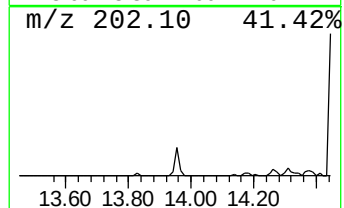
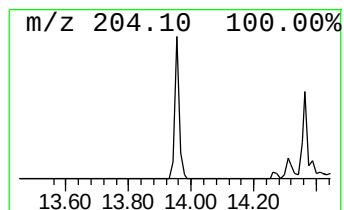
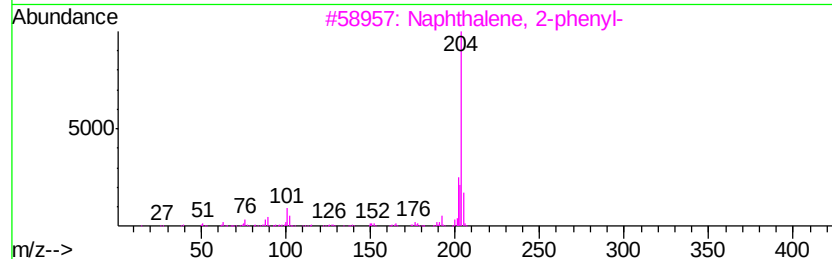
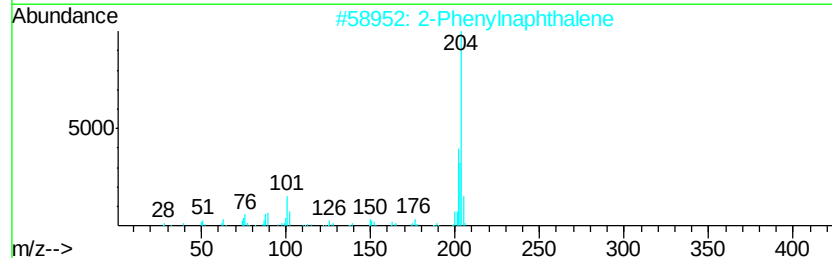
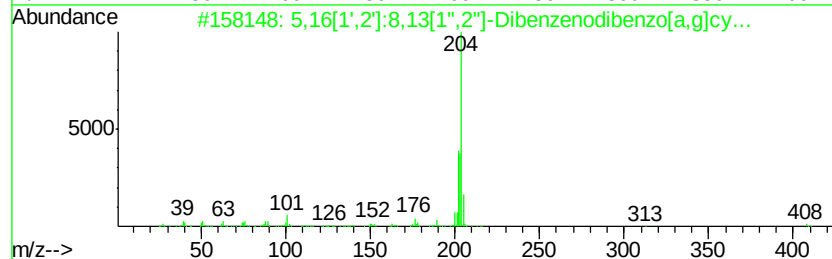
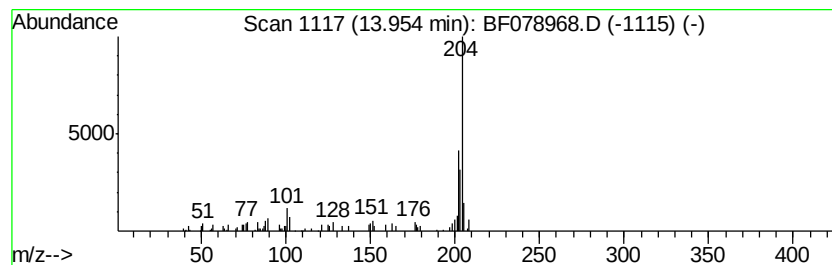
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.95	2.29 ng	82372	Phenanthrene-d10	12.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
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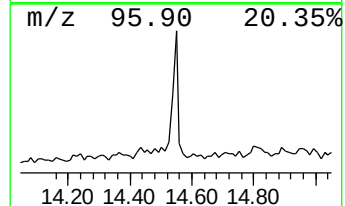
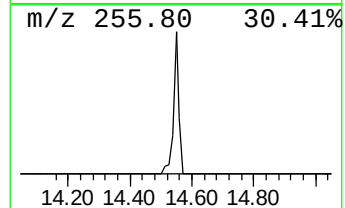
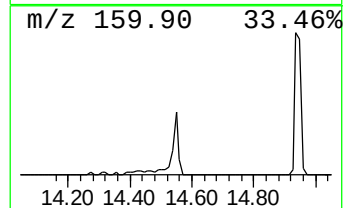
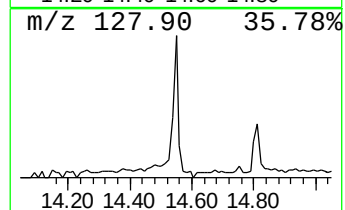
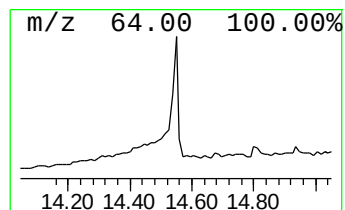
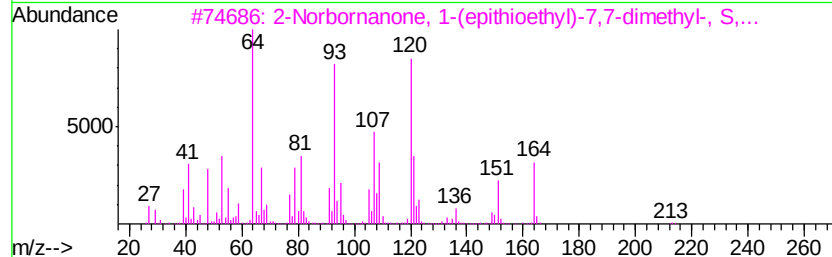
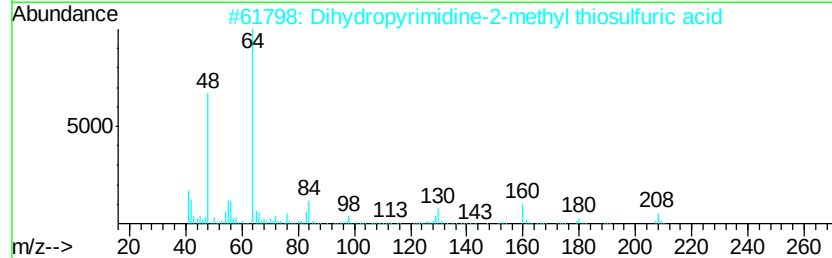
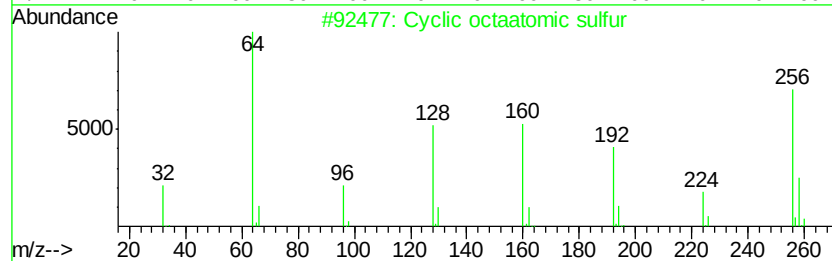
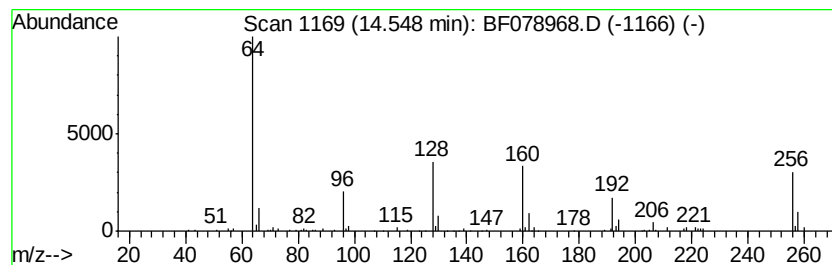
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclic octaatomic sulfur Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.55	3.08 ng	110606	Phenanthrene-d10	12.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
2	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
3	2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	9
4	1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	9
5	2,1,3-Benzothiadiazole, 4-nitro-	181	C6H3N3O2S	006583-06-8	7



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
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Sample : G2114-04 2X
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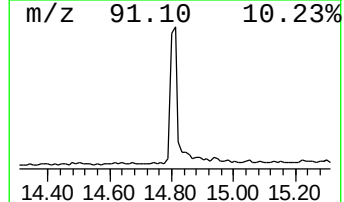
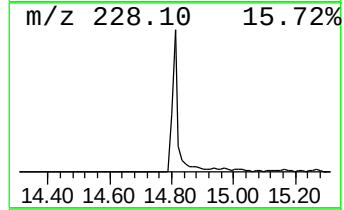
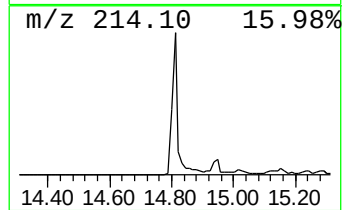
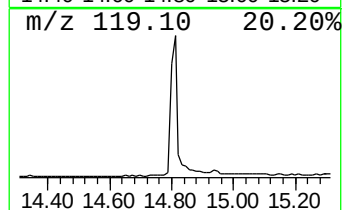
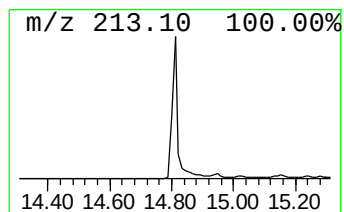
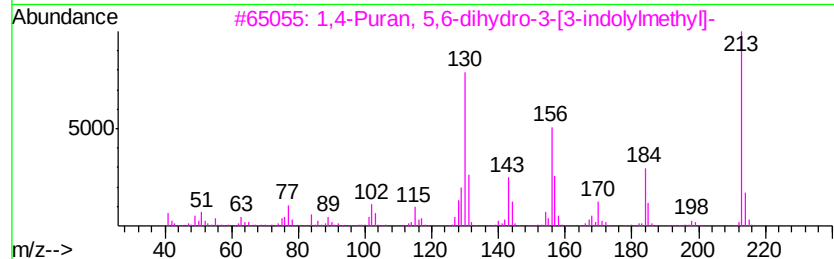
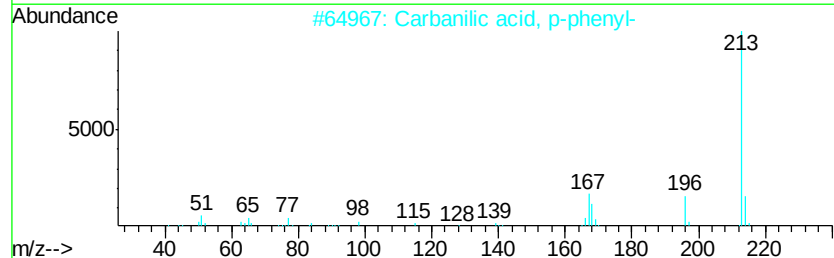
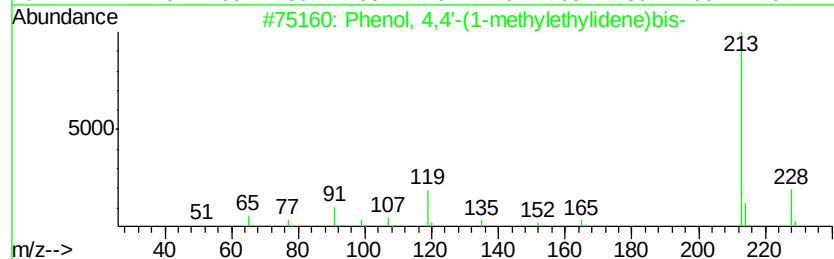
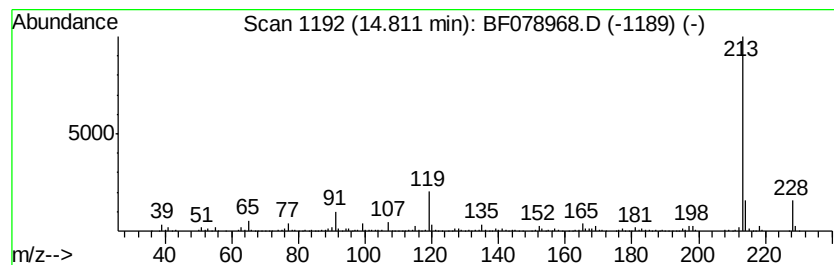
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.81	14.15 ng	874980	Chrysene-d12	16.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49
3	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	40
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	40
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	38



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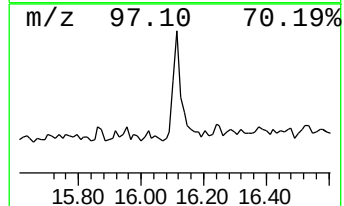
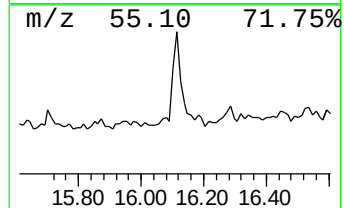
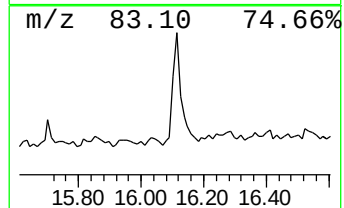
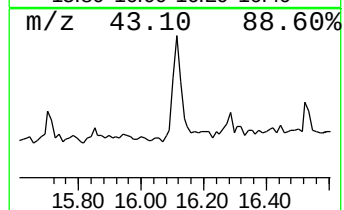
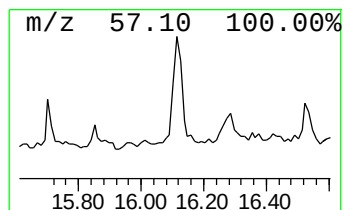
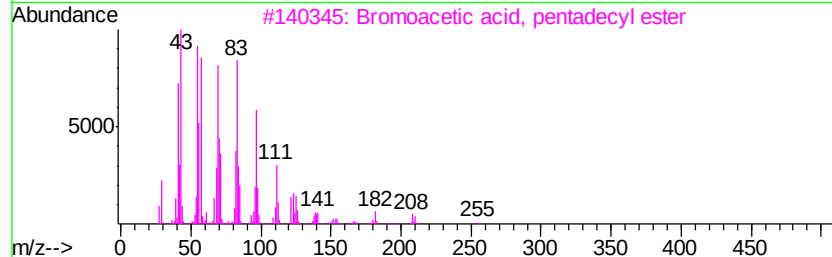
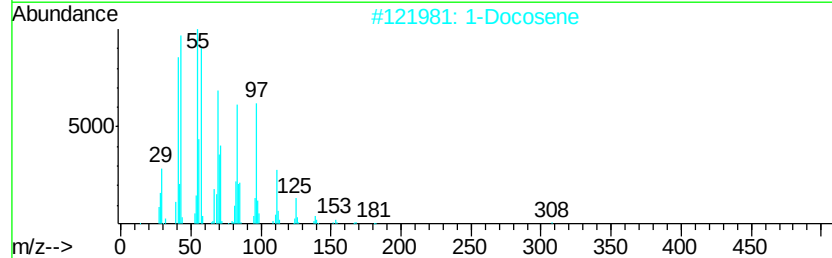
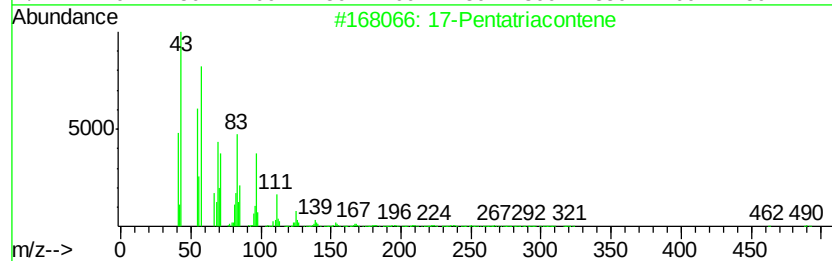
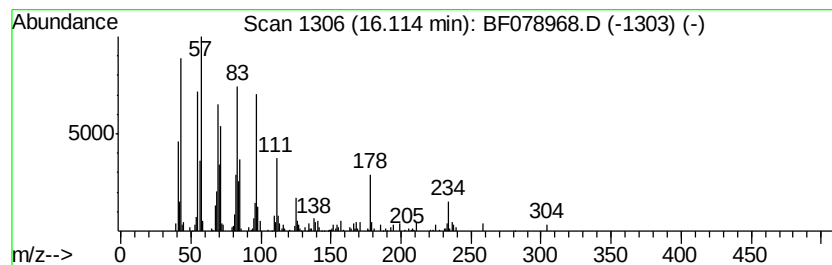
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.11	3.29 ng	203262	Chrysene-d12		16.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	83
2	1-Docosene	308	C22H44	001599-67-3	76
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	62
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	62
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	62



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

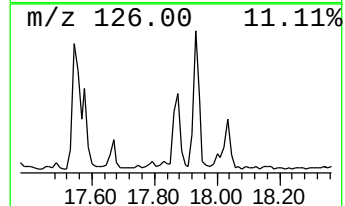
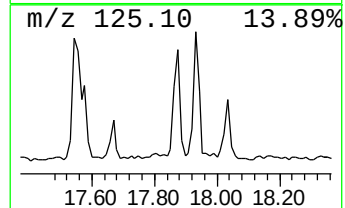
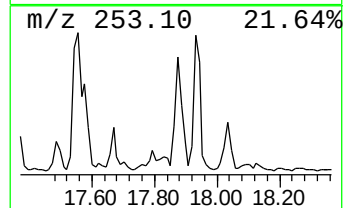
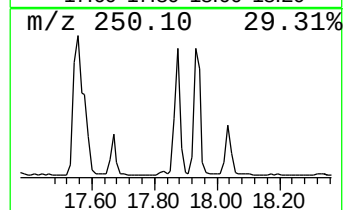
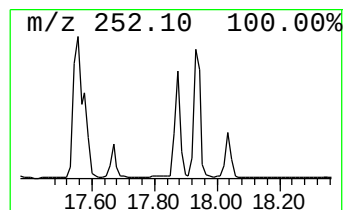
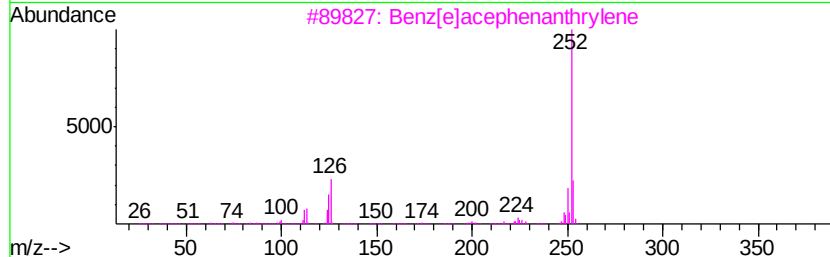
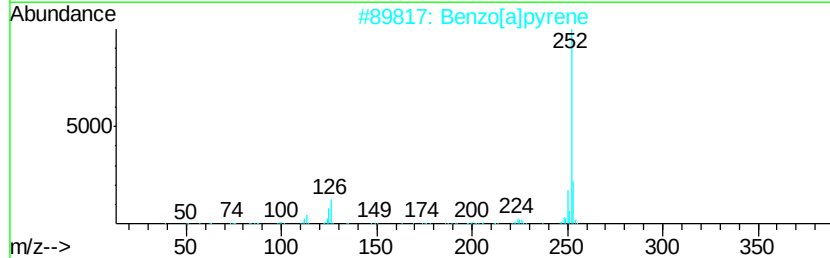
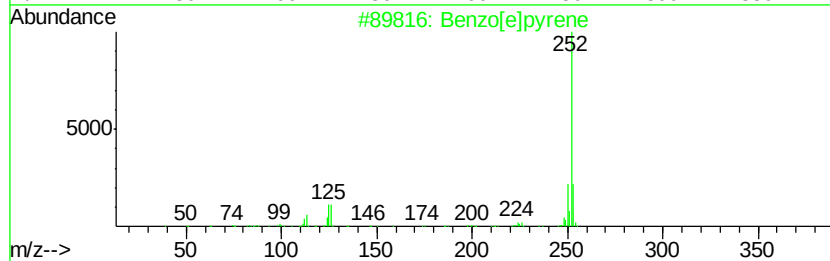
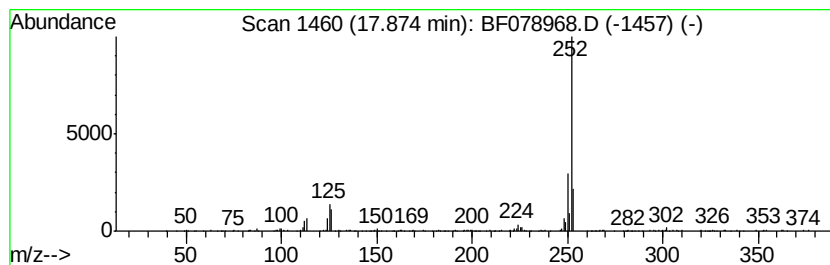
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.22 ng	228707	Perylene-d12	18.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078968.D
Acq On : 6 May 2015 18:56
Operator : TP/IZ
Sample : G2114-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-2(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.50	145.8	ng	2918790	1	7.35	400480	20.0
Butane, 2-methoxy...	1.82	7.7	ng	154074	1	7.35	400480	20.0
2-Pentanone, 4-hy...	5.15	3.9	ng	77457	1	7.35	400480	20.0
unknown7.06	7.06	31.3	ng	626056	1	7.35	400480	20.0
Benzophenone	12.00	4.2	ng	134229	3	11.10	638363	20.0
9H-Carbazole-9-me...	13.25	2.1	ng	76284	4	12.95	719080	20.0
4H-Cyclopenta[def...	13.71	2.8	ng	101215	4	12.95	719080	20.0
5,16[1',2']:8,13[...	13.95	2.3	ng	82372	4	12.95	719080	20.0
Cyclic octaatomic...	14.55	3.1	ng	110606	4	12.95	719080	20.0
Phenol, 4,4'-(1-m...	14.81	14.2	ng	874980	5	16.25	1236340	20.0
17-Pentatriacontene	16.11	3.3	ng	203262	5	16.25	1236340	20.0
Benzo[e]pyrene	17.87	5.2	ng	228707	6	18.00	876028	20.0