

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075602.D
 Acq On : 17 Nov 2014 1:50
 Operator : TP / JJ
 Sample : F4755-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

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-BF111214.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	1.624	44	47	50	rVB	3584328	3954741	100.00%	18.984%
2	1.773	56	60	63	rVB	61174	116611	2.95%	0.560%
3	1.830	63	65	74	rVV	102467	189597	4.79%	0.910%
4	1.967	74	77	85	rVV	569636	885498	22.39%	4.251%
5	2.070	85	86	97	rVB4	27250	68517	1.73%	0.329%
6	5.350	371	373	376	rBV	217080	251961	6.37%	1.210%
7	5.853	414	417	420	rVB	700994	701994	17.75%	3.370%
8	7.110	525	527	529	rBV	829634	769014	19.45%	3.692%
9	7.270	538	541	543	rBV	709331	744525	18.83%	3.574%
10	7.556	564	566	568	rBV	168614	149533	3.78%	0.718%
11	7.739	580	582	585	rBV	521063	516957	13.07%	2.482%
12	8.242	624	626	629	rBV	455403	432244	10.93%	2.075%
13	9.133	702	704	705	rBV	233900	206355	5.22%	0.991%
14	9.156	705	706	708	rVB	52474	58444	1.48%	0.281%
15	10.482	819	822	824	rBV	838597	791118	20.00%	3.798%
16	10.985	864	866	868	rBV	34301	41397	1.05%	0.199%
17	11.317	893	895	897	rBV	264471	236517	5.98%	1.135%
18	11.351	897	898	901	rVB	99892	124201	3.14%	0.596%
19	11.568	915	917	920	rBV	51267	59368	1.50%	0.285%
20	12.002	952	955	957	rBV	106856	113485	2.87%	0.545%
21	12.208	971	973	976	rVB2	23248	42151	1.07%	0.202%
22	12.300	979	981	984	rBV	561337	563627	14.25%	2.706%
23	13.031	1043	1045	1047	rBV	29534	41553	1.05%	0.199%
24	13.168	1054	1057	1058	rBV	249525	248781	6.29%	1.194%
25	13.202	1058	1060	1062	rVV	623831	766418	19.38%	3.679%
26	13.260	1062	1065	1067	rVB	315639	299074	7.56%	1.436%
27	13.465	1081	1083	1085	rVB	75326	79557	2.01%	0.382%
28	13.797	1109	1112	1113	rBV	68785	63923	1.62%	0.307%
29	13.831	1113	1115	1117	rBV	92014	78341	1.98%	0.376%
30	13.888	1119	1120	1122	rVB	49232	41135	1.04%	0.197%
31	13.934	1122	1124	1126	rBV	141414	180417	4.56%	0.866%
32	14.174	1143	1145	1149	rBV2	43632	66913	1.69%	0.321%
33	14.677	1187	1189	1192	rVB	789703	855328	21.63%	4.106%
34	14.860	1201	1205	1211	rBV2	25064	50854	1.29%	0.244%

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 HUDPARK-B3-SS2(2-2.8)

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-BF111214.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.963	1211	1214	1216	rVV	721151	896432	22.67%	4.303%
36	15.031	1218	1220	1224	rVB3	26936	49843	1.26%	0.239%
37	15.111	1225	1227	1229	rBV	36141	46682	1.18%	0.224%
38	15.157	1229	1231	1234	rVB	806030	874916	22.12%	4.200%
39	15.248	1234	1239	1240	rBV3	29278	59235	1.50%	0.284%
40	15.374	1248	1250	1252	rVB	130626	144010	3.64%	0.691%
41	15.454	1255	1257	1259	rBV	114494	151818	3.84%	0.729%
42	15.500	1259	1261	1263	rVV	58523	69418	1.76%	0.333%
43	15.877	1291	1294	1296	rBV4	19716	47664	1.21%	0.229%
44	16.151	1315	1318	1319	rBV	36958	68801	1.74%	0.330%
45	16.186	1319	1321	1324	rVB2	51719	82604	2.09%	0.397%
46	16.323	1331	1333	1340	rBV3	43285	129497	3.27%	0.622%
47	16.448	1340	1344	1347	rBV2	443564	956691	24.19%	4.592%
48	16.494	1347	1348	1350	rVV	358159	296740	7.50%	1.424%
49	16.586	1352	1356	1359	rBV	79746	136425	3.45%	0.655%
50	16.711	1364	1367	1369	rVB2	27968	58431	1.48%	0.280%
51	16.871	1378	1381	1383	rBV2	31097	56656	1.43%	0.272%
52	16.951	1385	1388	1390	rVB	65388	76420	1.93%	0.367%
53	17.066	1396	1398	1400	rBV	46824	57213	1.45%	0.275%
54	17.134	1402	1404	1406	rVB	51838	62083	1.57%	0.298%
55	17.340	1419	1422	1423	rBV2	29799	54275	1.37%	0.261%
56	17.580	1439	1443	1446	rVB2	63537	112467	2.84%	0.540%
57	17.729	1453	1456	1462	rBV	268827	679410	17.18%	3.261%
58	17.843	1465	1466	1468	rVB	58383	67297	1.70%	0.323%
59	17.969	1473	1477	1479	rBV2	27255	74290	1.88%	0.357%
60	18.060	1482	1485	1488	rVB	161284	238655	6.03%	1.146%
61	18.129	1488	1491	1494	rBV	250441	334365	8.45%	1.605%
62	18.197	1494	1497	1498	rBV	218462	281921	7.13%	1.353%
63	18.232	1498	1500	1504	rVB	60251	99823	2.52%	0.479%
64	19.569	1614	1617	1622	rBV2	27420	88515	2.24%	0.425%
65	19.752	1630	1633	1639	rVB2	108312	262409	6.64%	1.260%
66	19.855	1639	1642	1647	rVB	20482	52035	1.32%	0.250%
67	19.946	1647	1650	1653	rBV	32454	79557	2.01%	0.382%
68	20.015	1653	1656	1658	rBV2	22247	44188	1.12%	0.212%
69	20.060	1658	1660	1668	rVB9	23291	73924	1.87%	0.355%
70	20.220	1670	1674	1677	rBV	78114	176962	4.47%	0.849%

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

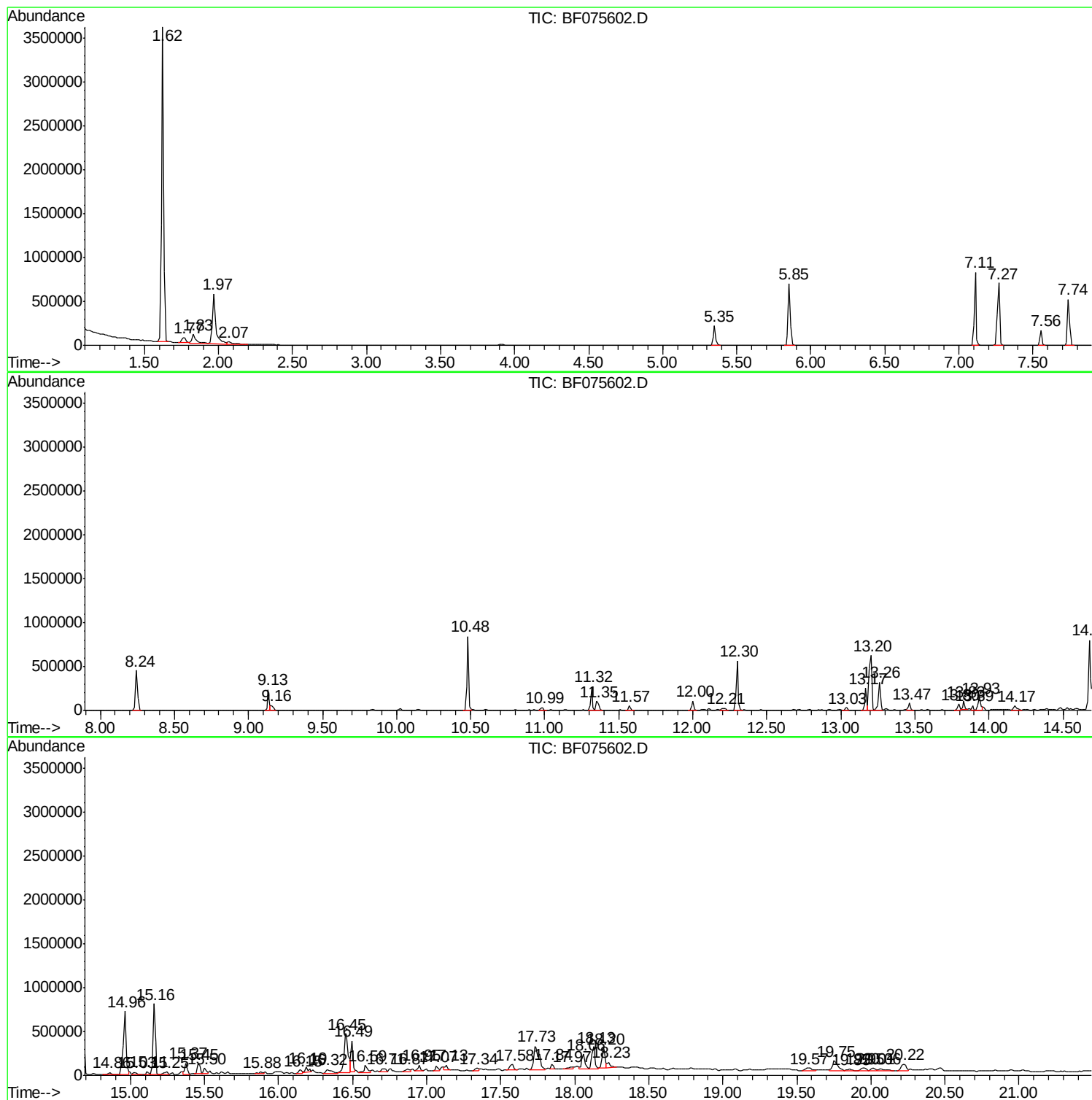
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 17 Nov 2014 1:50
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Sample : F4755-07
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Instrument :
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HUDPARK-B3-SS2(2-2.8)

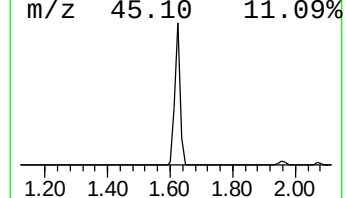
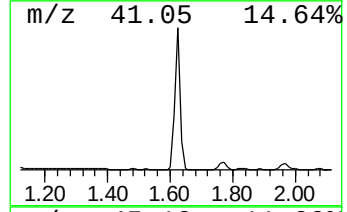
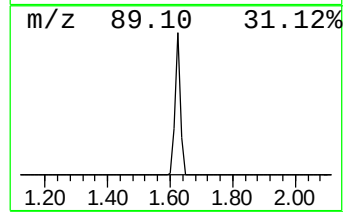
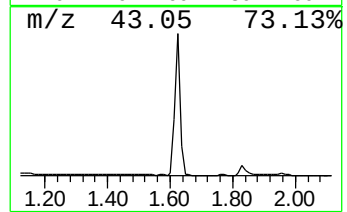
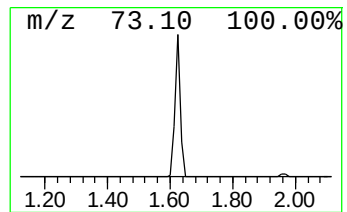
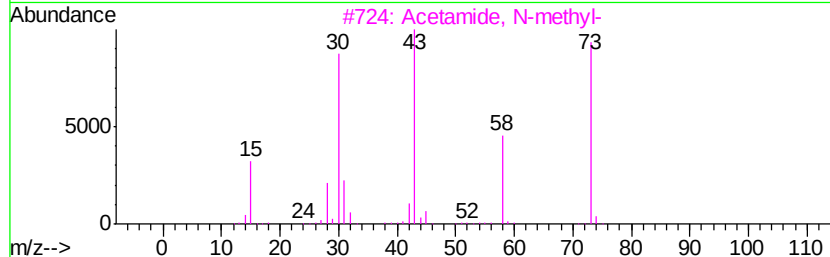
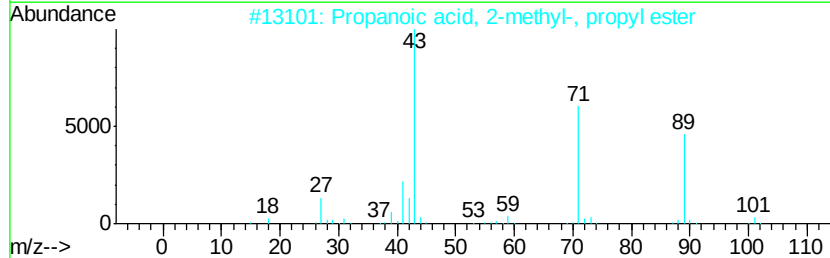
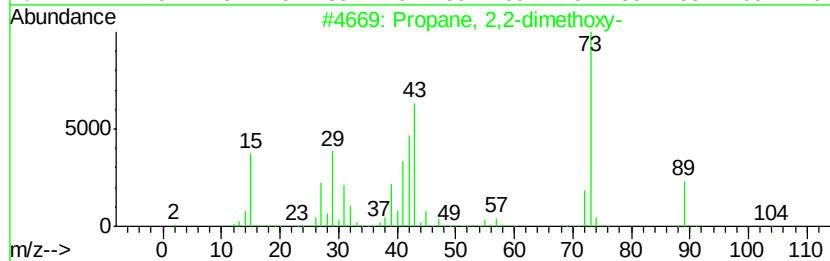
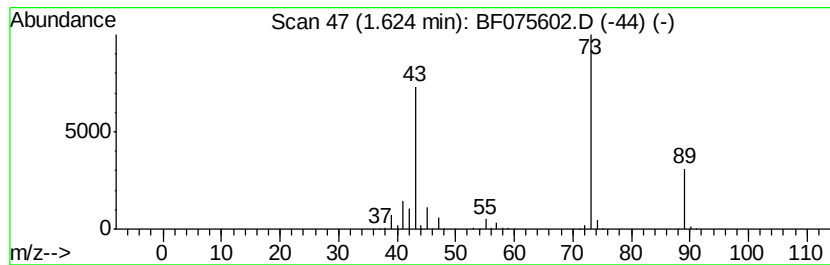
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	528.95 ng	3954740	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	25
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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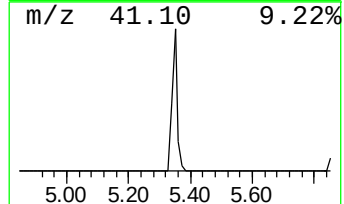
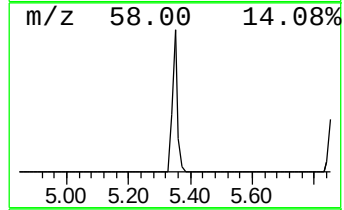
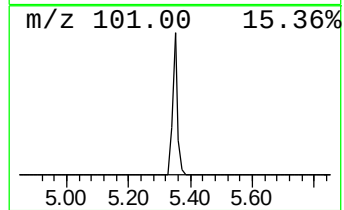
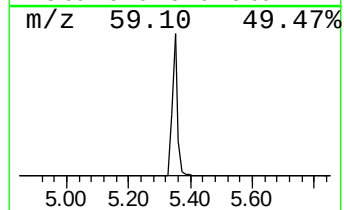
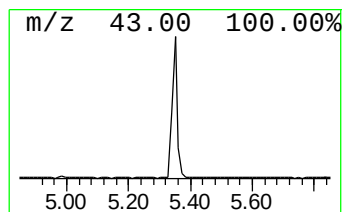
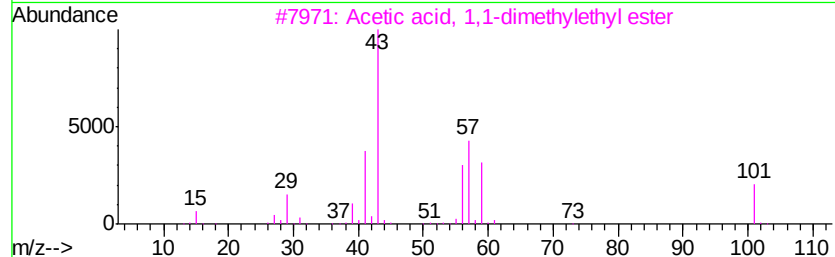
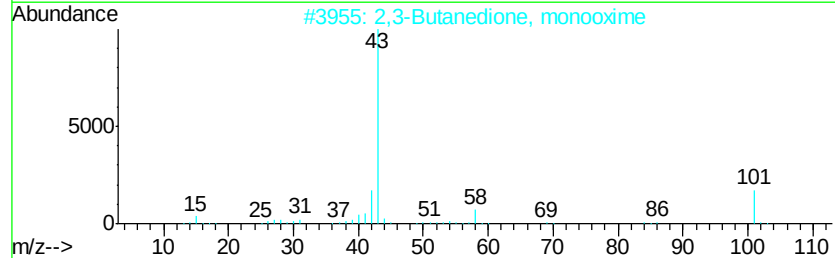
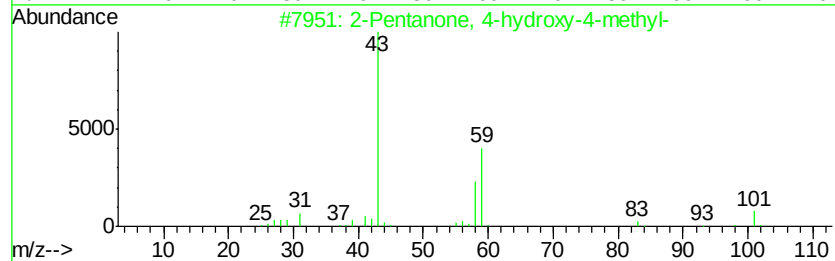
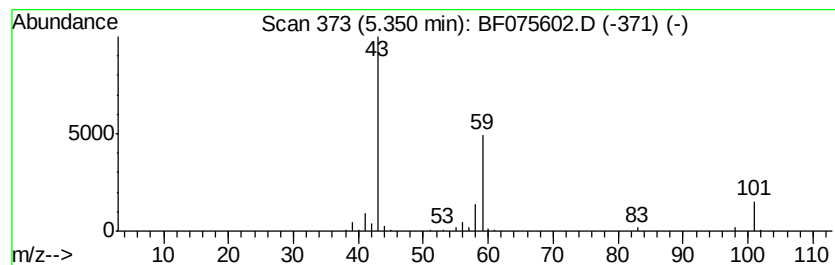
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	33.70 ng	251961	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7



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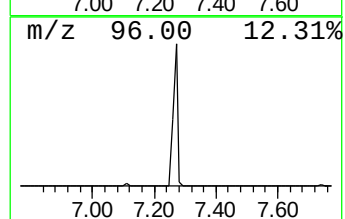
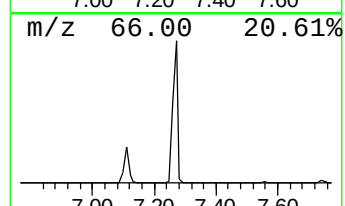
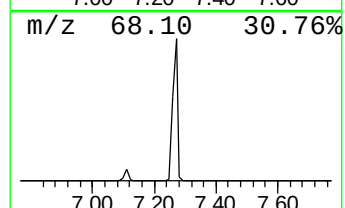
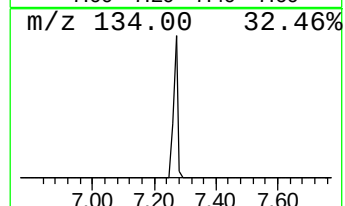
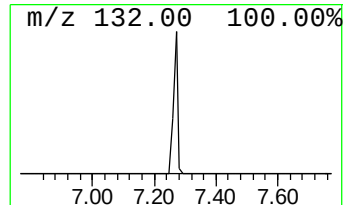
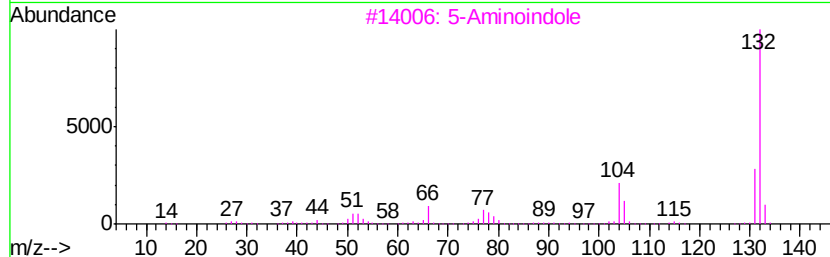
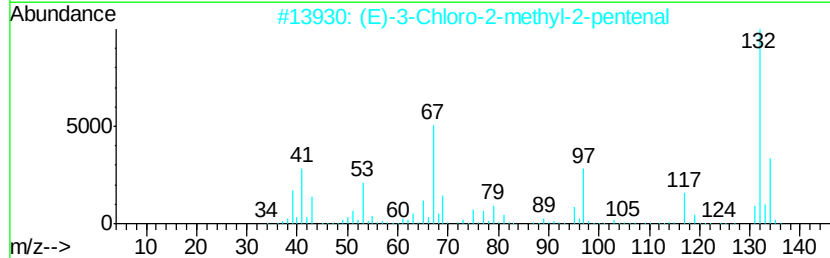
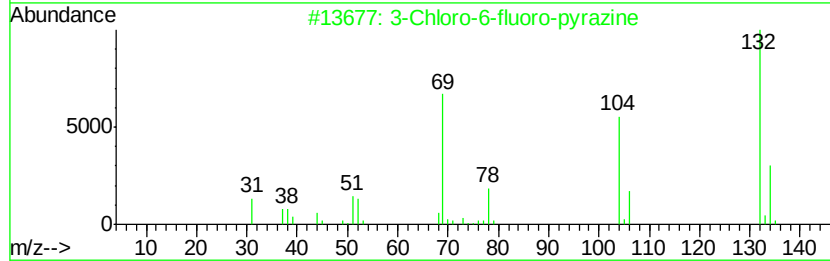
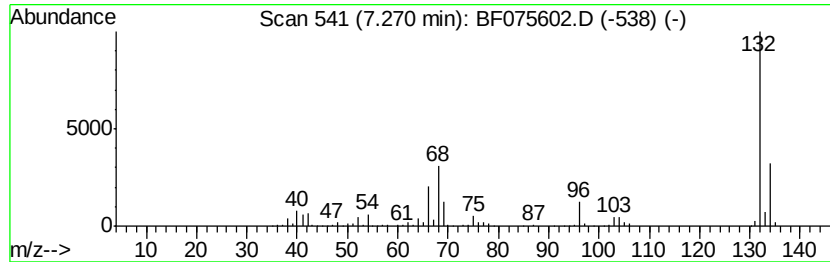
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown7.27 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	99.58 ng	744525	1,4-Dichlorobenzene-d4	7.56

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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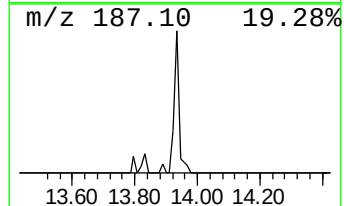
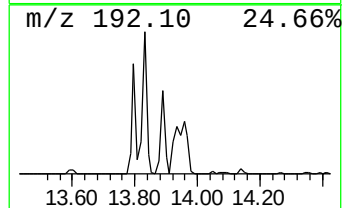
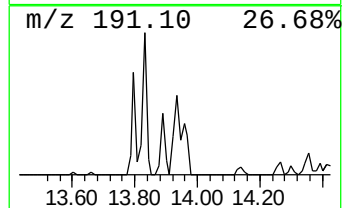
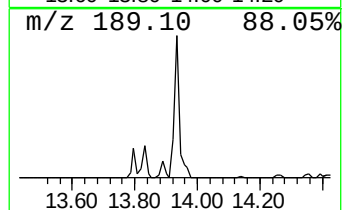
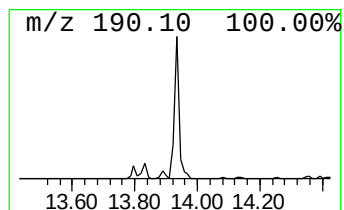
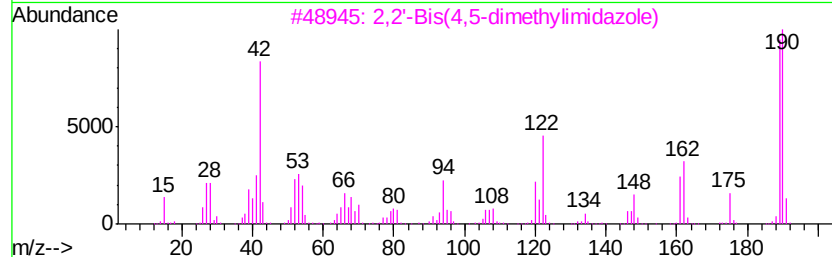
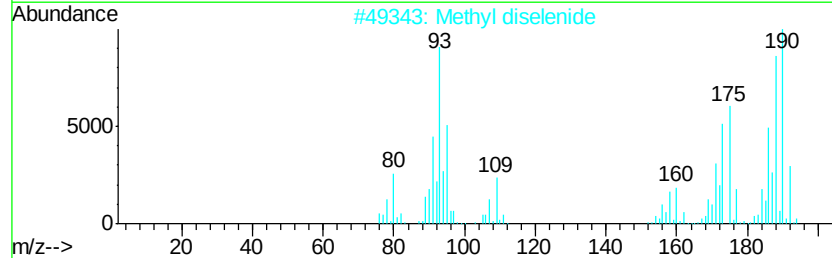
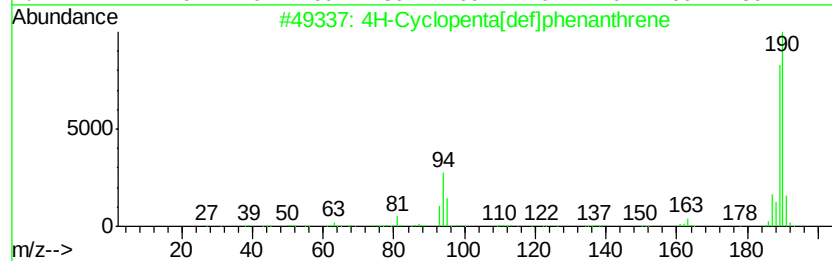
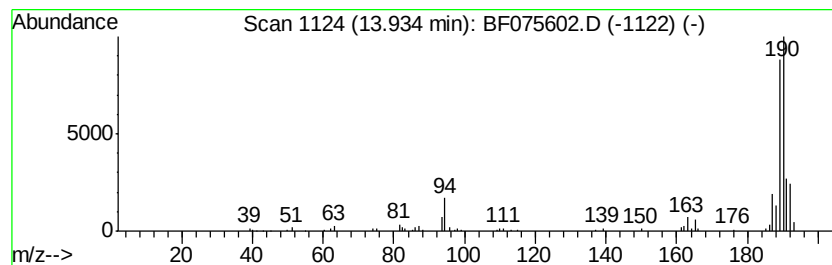
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	14.50 ng	180417	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Methyl diselenide	190	C2H6Se2	007101-31-7	55
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5		6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075602.D
Acq On : 17 Nov 2014 1:50
Operator : TP / JJ
Sample : F4755-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B3-SS2(2-2.8)

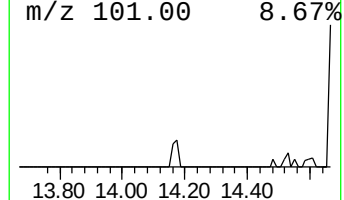
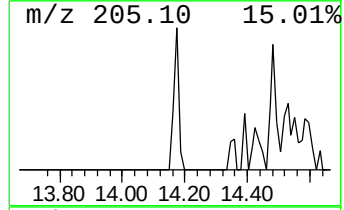
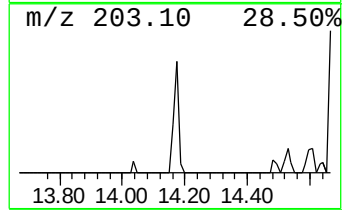
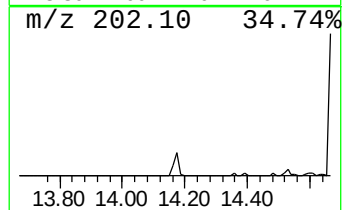
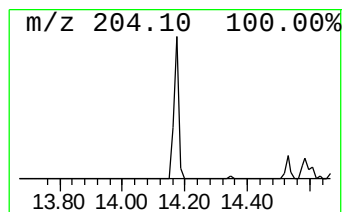
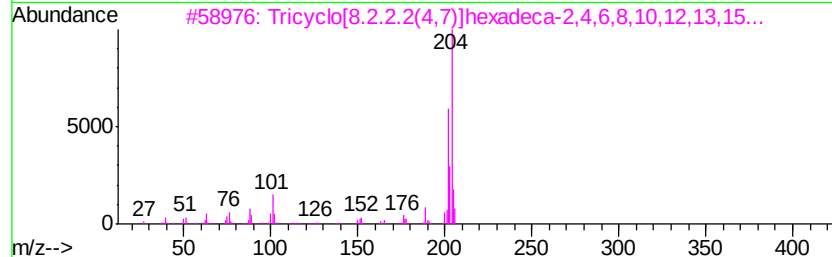
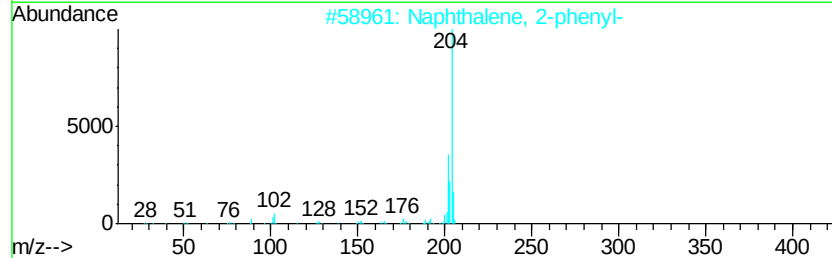
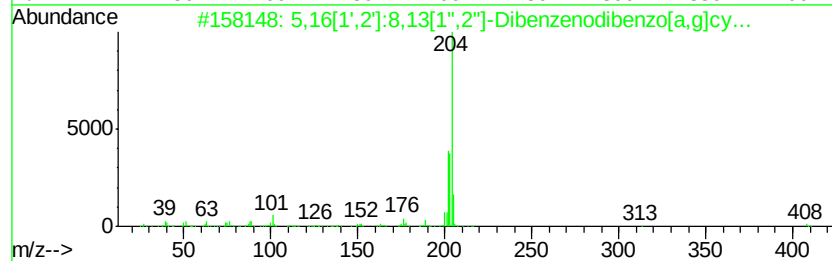
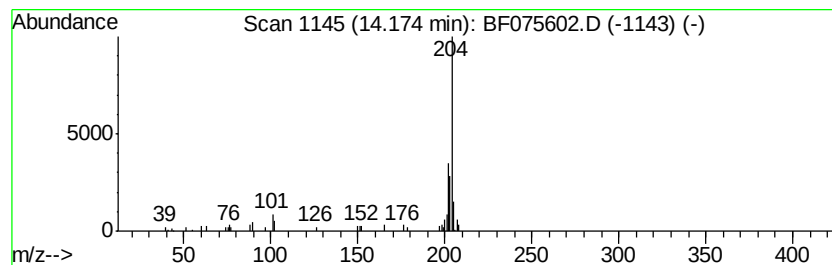
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	5.38 ng	66913	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	64
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
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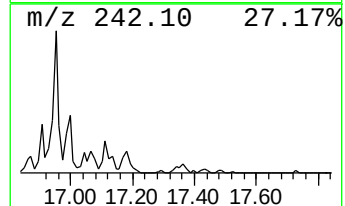
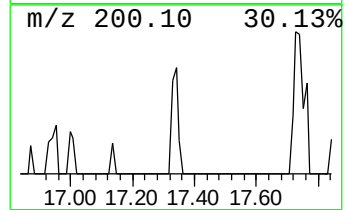
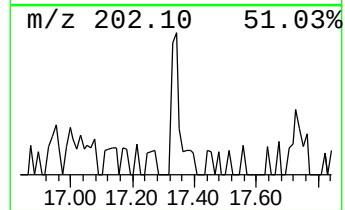
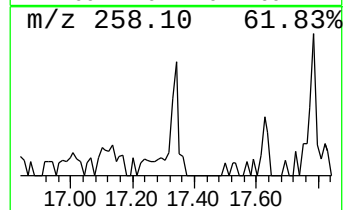
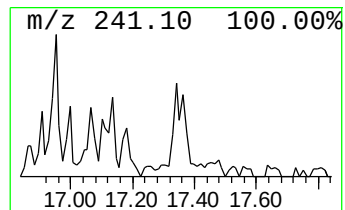
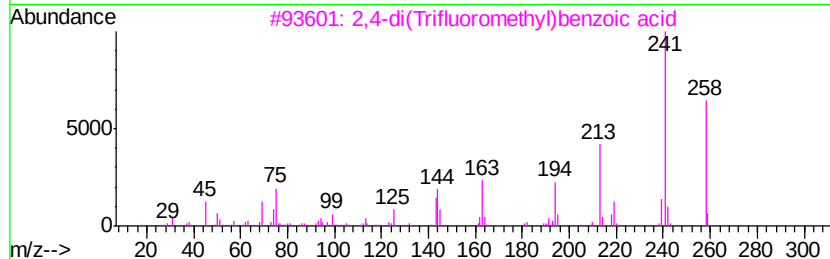
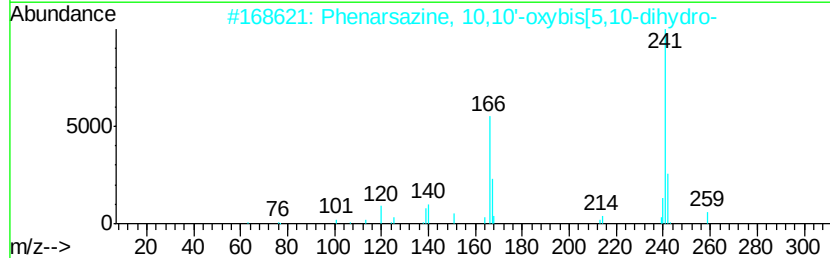
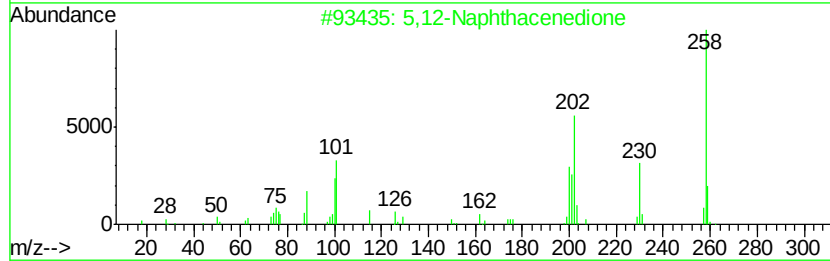
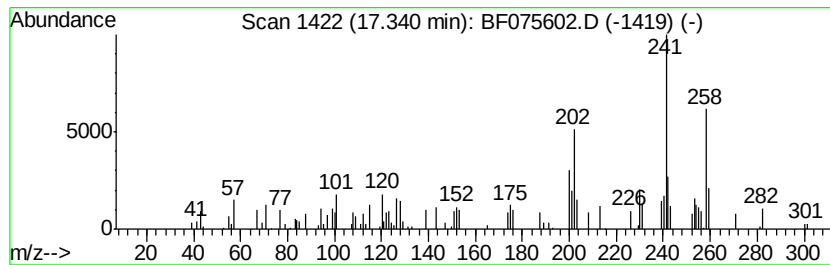
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.34	3.85 ng	54275	Perylene-d12	18.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	46
2	Phenarsazine, 10,10'-oxybis[5,10...	500	C24H18As2N2O	004095-45-8	27
3	2,4-di(Trifluoromethyl)benzoic acid	258	C9H4F6O2	032890-87-2	25
4	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	25
5	5-Cyano-2-methyl-4-methylthio-6-...	241	C13H11N3S	068364-38-5	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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Operator : TP / JJ
Sample : F4755-07
Misc :
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ClientSampleId :
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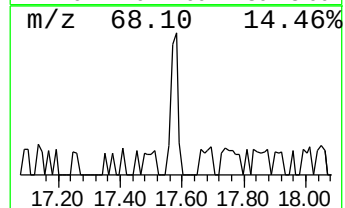
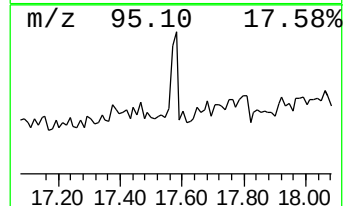
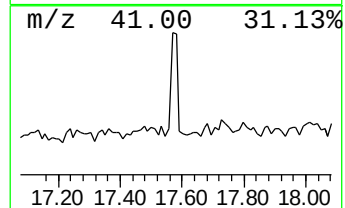
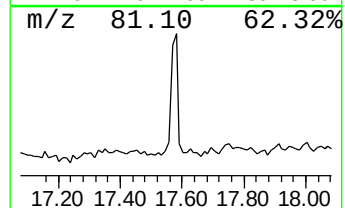
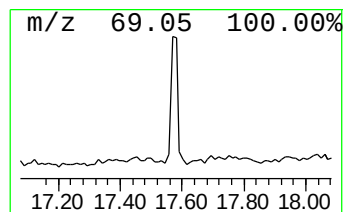
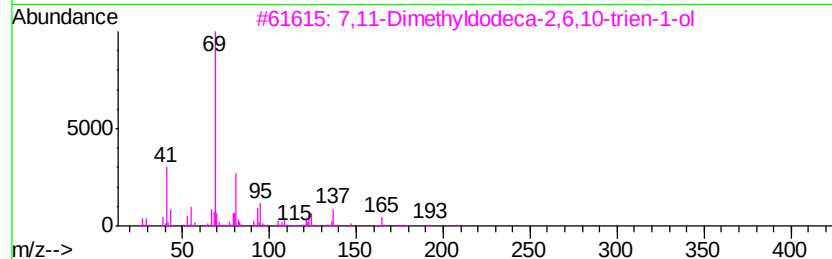
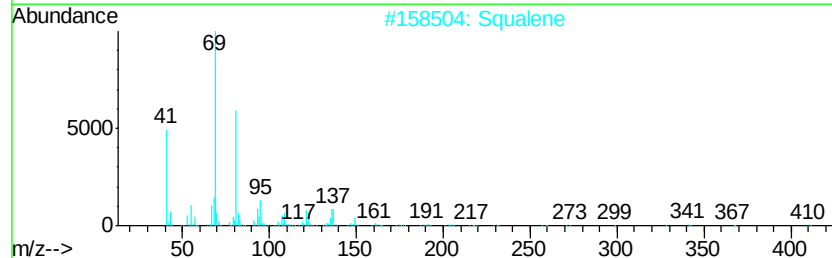
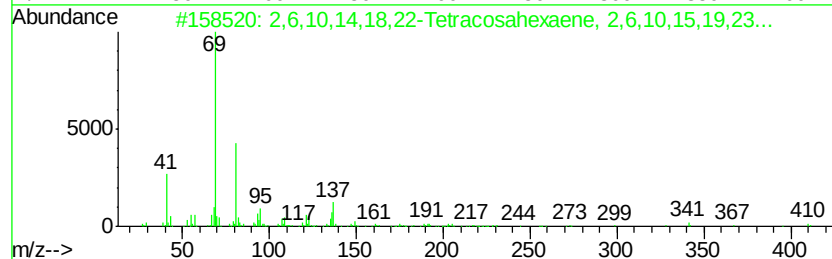
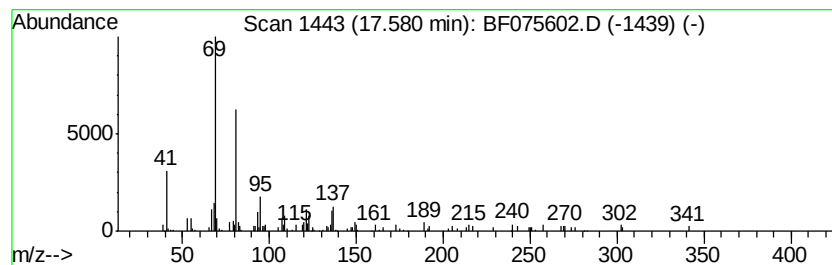
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	7.98 ng	112467	Perylene-d12	18.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86		
2	Squalene	410	C30H50	007683-64-9	83		
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72		
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72		
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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Sample : F4755-07
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Instrument :
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ClientSampleId :
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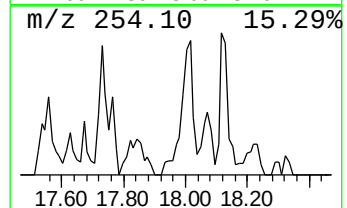
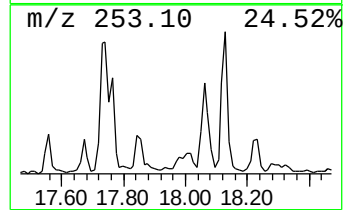
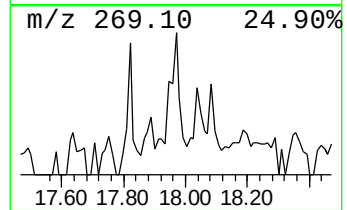
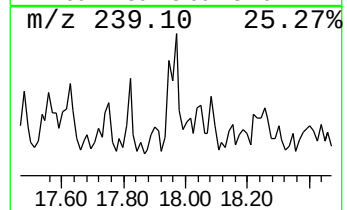
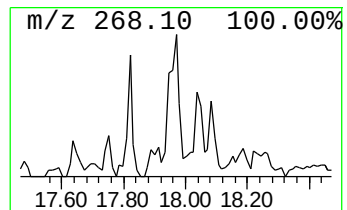
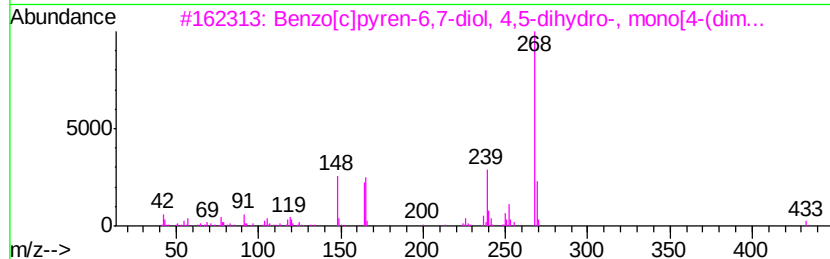
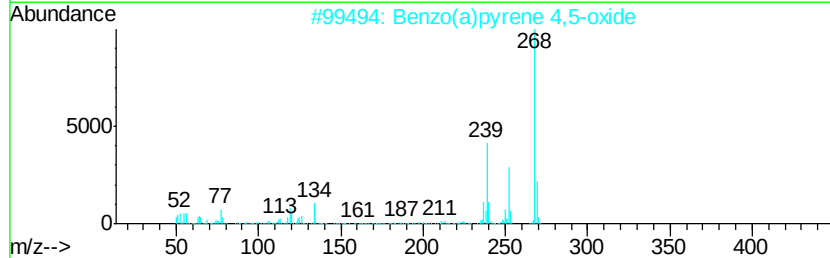
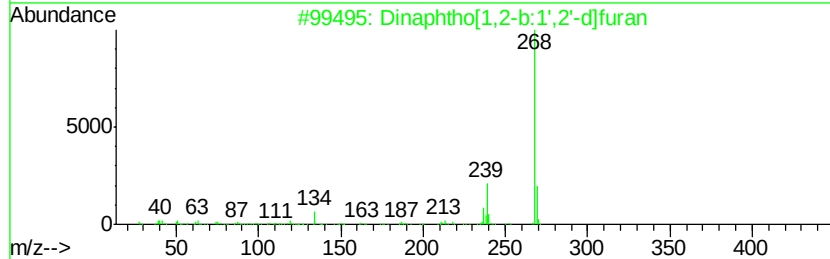
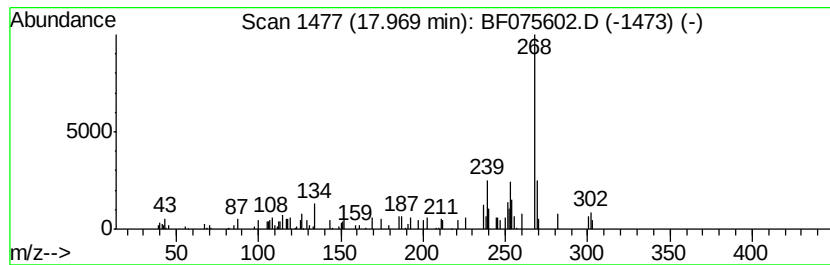
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.27 ng	74290	Perylene-d12	18.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
3		Benzo[c]pyren-6,7-diol, 4,5-dihydro...	433	C29H23NO3	1000124-59-9	59
4		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58
5		4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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Sample : F4755-07
Misc :
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Instrument :
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ClientSampleId :
HUDPARK-B3-SS2(2-2.8)

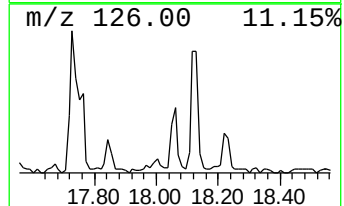
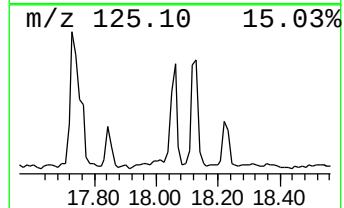
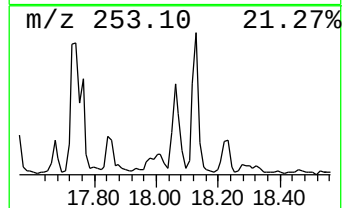
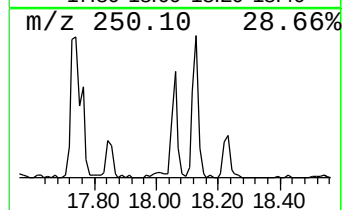
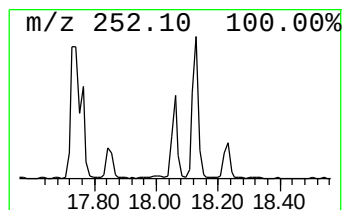
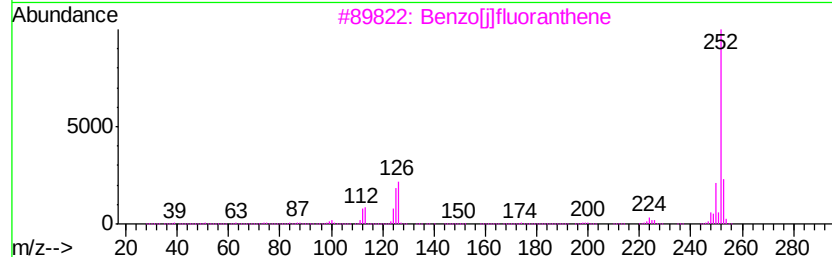
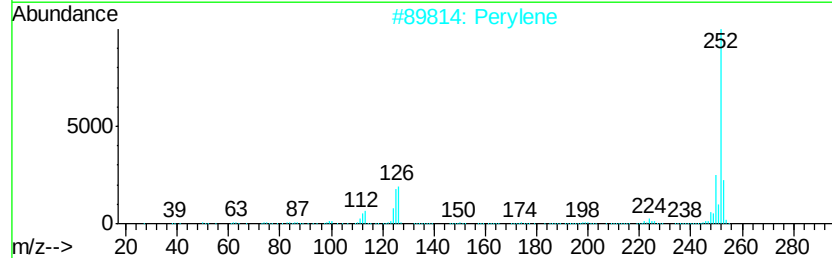
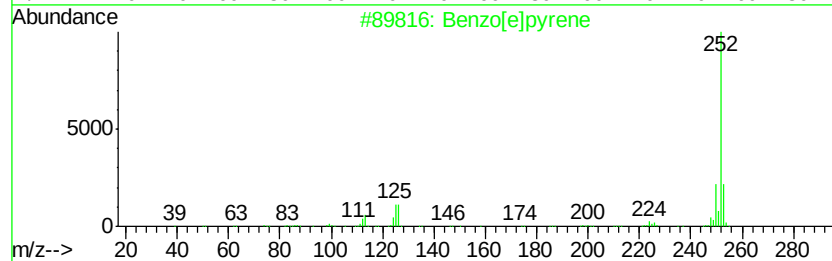
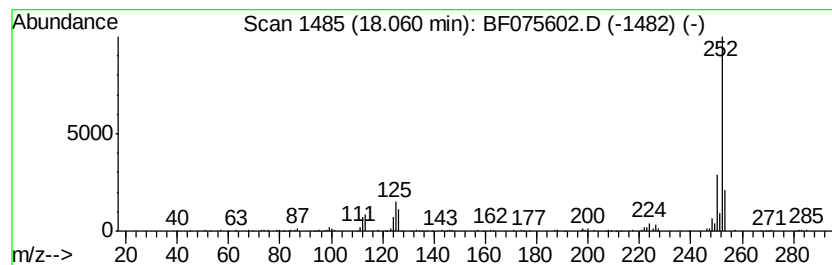
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	16.93 ng	238655	Perylene-d12	18.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[il]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
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Sample : F4755-07
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ALS Vial : 29 Sample Multiplier: 1

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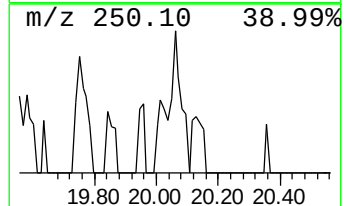
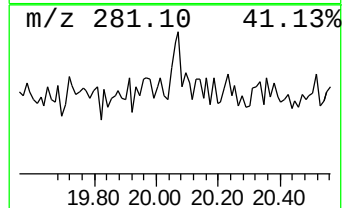
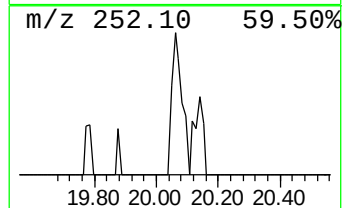
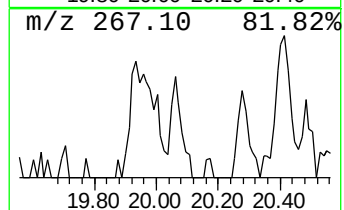
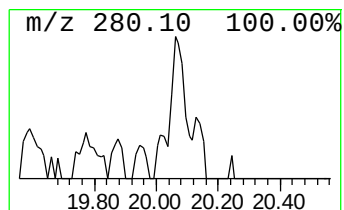
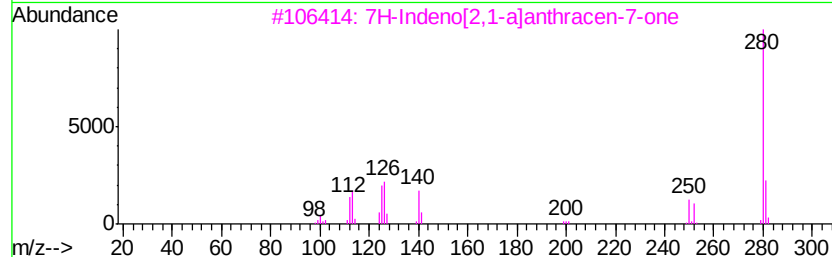
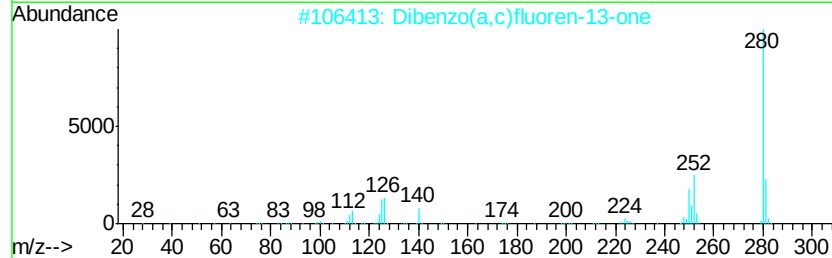
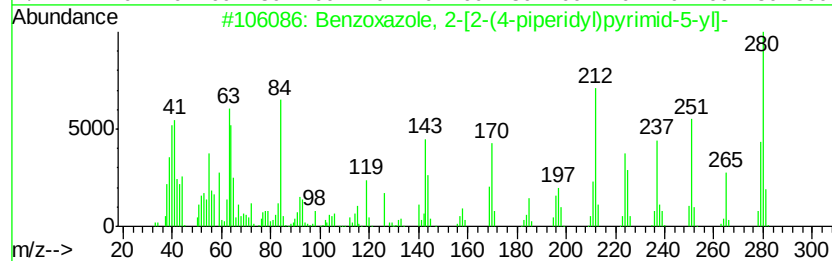
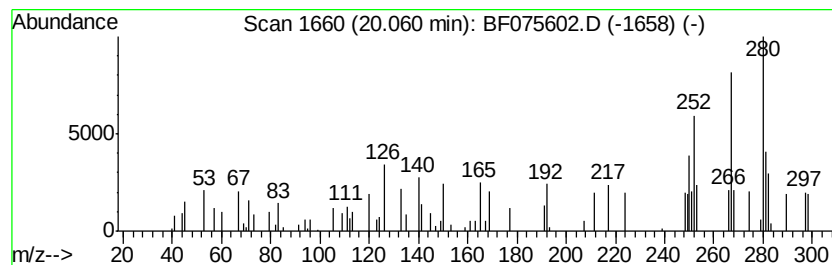
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown20.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	5.24 ng	73924	Perylene-d12	18.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoxazole, 2-[2-(4-piperidyl)pyrimid-5-yl]-	280	C16H16N4O	1000294-14-8	38
2		Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	35
3		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	27
4		Benzonitrile, 2-(2-hydroxy-5-nitrophenyl)-	267	C14H9N3O3	303768-30-1	22
5		Benzonitrile, 4-[5-(4-chlorophenyl)pyrimidin-2-yl]-	280	C16H9ClN2O	111396-51-1	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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HUDPARK-B3-SS2(2-2.8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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...	1.62	529.0	ng	3954740	1	7.56	149533	20.0
2-Pentanone, 4-hy...	5.35	33.7	ng	251961	1	7.56	149533	20.0
unknown7.27	7.27	99.6	ng	744525	1	7.56	149533	20.0
4H-Cyclopenta[def...	13.93	14.5	ng	180417	4	13.17	248781	20.0
5,16[1',2']:8,13[...	14.17	5.4	ng	66913	4	13.17	248781	20.0
unknown17.34	17.34	3.9	ng	54275	6	18.20	281921	20.0
2,6,10,14,18,22-T...	17.58	8.0	ng	112467	6	18.20	281921	20.0
Dinaphtho[1,2-b:1...	17.97	5.3	ng	74290	6	18.20	281921	20.0
Benzo[e]pyrene	18.06	16.9	ng	238655	6	18.20	281921	20.0
unknown20.06	20.06	5.2	ng	73924	6	18.20	281921	20.0