

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077933.D
 Acq On : 25 Mar 2015 3:38
 Operator : TP/IZ
 Sample : G1613-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-1

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-BF031115.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	1.047	11	14	17	rVB	272785	360821	10.81%	1.395%
2	1.264	30	33	36	rVB	3247238	3336451	100.00%	12.903%
3	1.390	41	44	47	rVB	311350	413241	12.39%	1.598%
4	1.550	56	58	65	rVB	58641	78393	2.35%	0.303%
5	1.653	65	67	75	rVV	52904	100253	3.00%	0.388%
6	1.767	75	77	104	rVB	576737	1082944	32.46%	4.188%
7	4.864	346	348	353	rVB	98395	121611	3.64%	0.470%
8	5.402	393	395	398	rBV	864909	926883	27.78%	3.584%
9	6.693	506	508	511	rBV	965613	944999	28.32%	3.654%
10	6.830	518	520	522	rBV	1122499	1051786	31.52%	4.067%
11	7.116	542	545	547	rBV	298517	266988	8.00%	1.032%
12	7.299	559	561	564	rBV	818316	795632	23.85%	3.077%
13	7.813	603	606	608	rBV	676387	630717	18.90%	2.439%
14	8.693	680	683	685	rBV	423237	375569	11.26%	1.452%
15	10.042	799	801	803	rBV	1503697	1330183	39.87%	5.144%
16	10.545	843	845	848	rBV	31696	35140	1.05%	0.136%
17	10.693	855	858	860	rBV	30049	40119	1.20%	0.155%
18	10.865	871	873	875	rBV	418562	426041	12.77%	1.648%
19	10.899	875	876	879	rVB	37823	34022	1.02%	0.132%
20	11.539	930	932	935	rBV	47934	45106	1.35%	0.174%
21	11.836	956	958	961	rBV2	627252	761873	22.83%	2.946%
22	12.042	974	976	980	rBV	23884	33513	1.00%	0.130%
23	12.694	1031	1033	1035	rBV	327736	517231	15.50%	2.000%
24	12.728	1035	1036	1038	rVV	517262	405219	12.15%	1.567%
25	12.785	1038	1041	1044	rVB	89062	126474	3.79%	0.489%
26	13.002	1058	1060	1062	rBV	48255	42647	1.28%	0.165%
27	13.322	1086	1088	1090	rBV	57334	69543	2.08%	0.269%
28	13.357	1090	1091	1094	rVB	83833	93110	2.79%	0.360%
29	13.414	1094	1096	1098	rBV	24893	36342	1.09%	0.141%
30	13.459	1098	1100	1102	rBV	131474	161919	4.85%	0.626%
31	13.722	1119	1123	1126	rBV2	71579	119747	3.59%	0.463%
32	14.008	1146	1148	1150	rBV	39862	55417	1.66%	0.214%
33	14.054	1150	1152	1155	rVV2	28419	51190	1.53%	0.198%
34	14.111	1155	1157	1162	rVB3	27598	66758	2.00%	0.258%

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35	14.202	1162	1165	1167	rBV	935410	942369	28.24%	3.644%
36	14.374	1178	1180	1182	rBV	35750	59917	1.80%	0.232%
37	14.477	1186	1189	1191	rBV	777058	901479	27.02%	3.486%
38	14.545	1194	1195	1201	rVB4	33291	45595	1.37%	0.176%
39	14.637	1201	1203	1205	rBV	49692	58940	1.77%	0.228%
40	14.694	1205	1208	1211	rVV	1458840	1513142	45.35%	5.852%
41	14.762	1211	1214	1216	rVV3	43588	84390	2.53%	0.326%
42	14.900	1221	1226	1228	rVB	123742	220432	6.61%	0.852%
43	14.980	1231	1233	1235	rBV	98592	98024	2.94%	0.379%
44	15.025	1235	1237	1239	rBV	91894	124272	3.72%	0.481%
45	15.140	1245	1247	1248	rBV	33143	44924	1.35%	0.174%
46	15.174	1248	1250	1253	rBV	34705	46644	1.40%	0.180%
47	15.425	1268	1272	1274	rVB2	28636	54855	1.64%	0.212%
48	15.528	1277	1281	1284	rVV2	58522	106512	3.19%	0.412%
49	15.665	1290	1293	1294	rBV	69164	91777	2.75%	0.355%
50	15.723	1294	1298	1299	rVV2	78494	170571	5.11%	0.660%
51	15.791	1302	1304	1307	rVV	63395	93462	2.80%	0.361%
52	15.883	1308	1312	1316	rVV2	84932	224257	6.72%	0.867%
53	15.985	1317	1321	1322	rVV2	581341	1159925	34.77%	4.486%
54	16.020	1322	1324	1325	rVV	349229	446819	13.39%	1.728%
55	16.043	1325	1326	1329	rVV2	39938	63511	1.90%	0.246%
56	16.111	1330	1332	1334	rVV	106351	125970	3.78%	0.487%
57	16.157	1334	1336	1339	rVV3	42757	97295	2.92%	0.376%
58	16.248	1341	1344	1346	rVV2	47784	87114	2.61%	0.337%
59	16.294	1346	1348	1352	rVB3	50317	103044	3.09%	0.398%
60	16.488	1362	1365	1367	rVB	77137	98030	2.94%	0.379%
61	16.534	1367	1369	1371	rVB2	49728	69735	2.09%	0.270%
62	16.603	1373	1375	1377	rVV2	36307	49377	1.48%	0.191%
63	16.648	1377	1379	1382	rVV3	51838	120557	3.61%	0.466%
64	16.706	1382	1384	1386	rVB2	32938	50255	1.51%	0.194%
65	17.288	1432	1435	1442	rBV	376575	945109	28.33%	3.655%
66	17.414	1443	1446	1448	rVB	77678	121190	3.63%	0.469%
67	17.620	1461	1464	1467	rVB	197851	312745	9.37%	1.209%
68	17.677	1467	1469	1472	rBV	377109	437109	13.10%	1.690%
69	17.746	1472	1475	1477	rBV	390265	530227	15.89%	2.050%
70	19.117	1593	1595	1601	rVB2	181958	367799	11.02%	1.422%
71	19.300	1607	1611	1614	rBV2	283815	573352	17.18%	2.217%

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Smoothing : ON Filtering: 5
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72	19.517	1627	1630	1635	rVB	144757	280152	8.40%	1.083%
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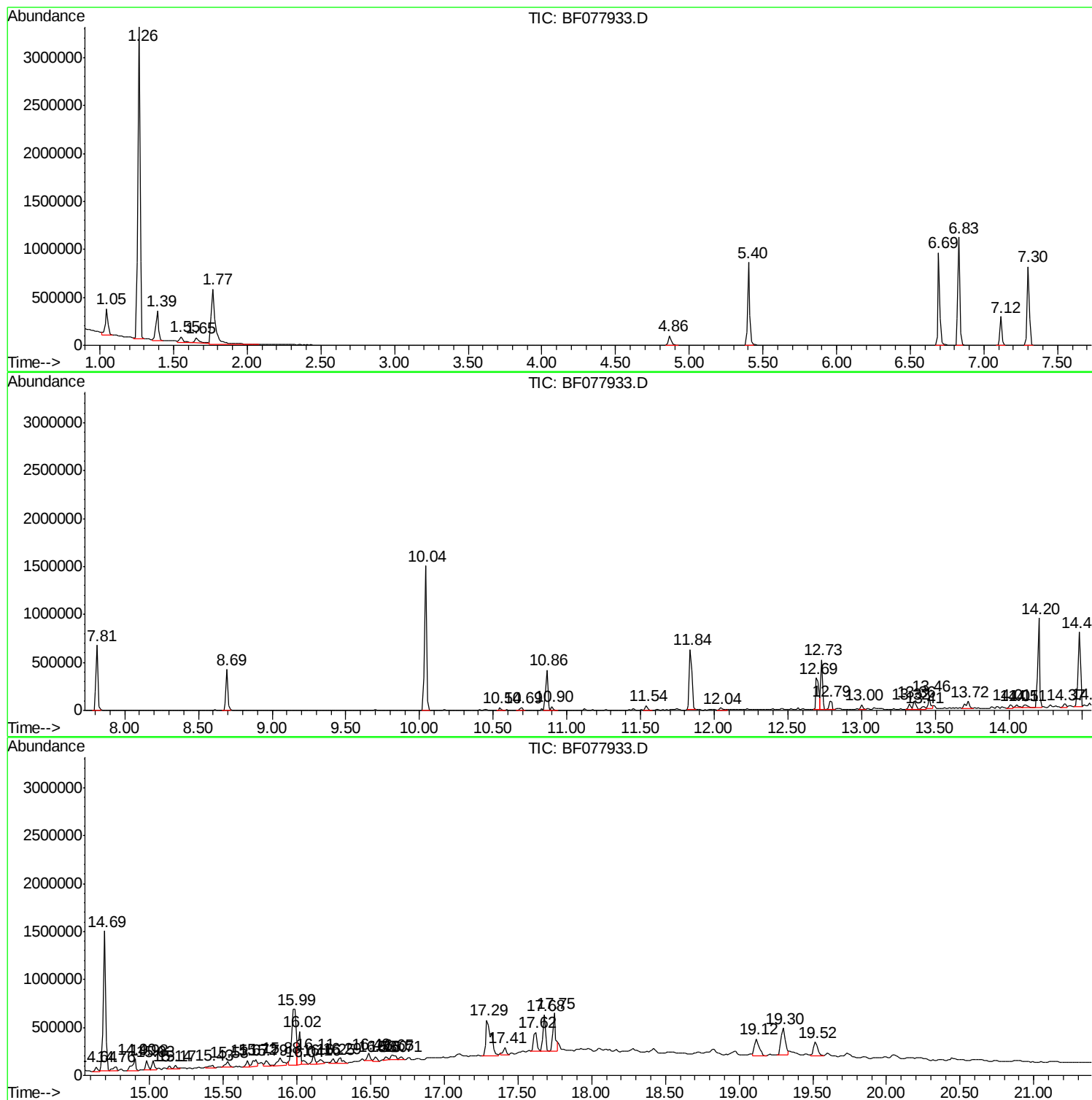
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
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Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-6-1

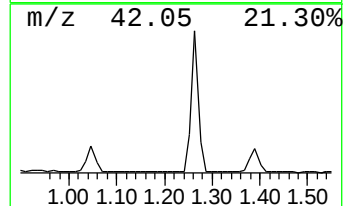
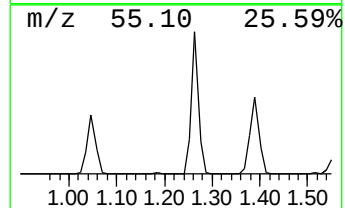
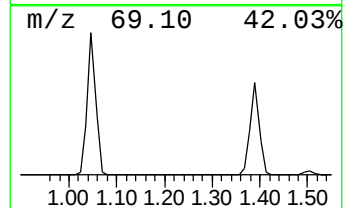
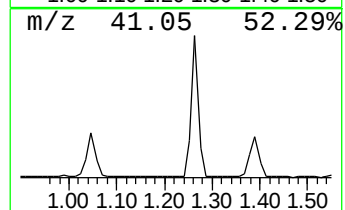
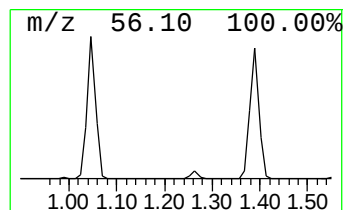
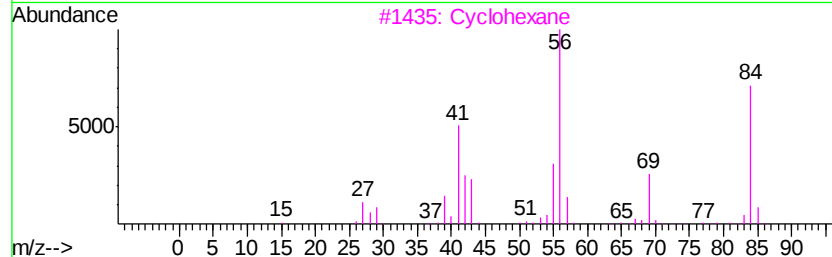
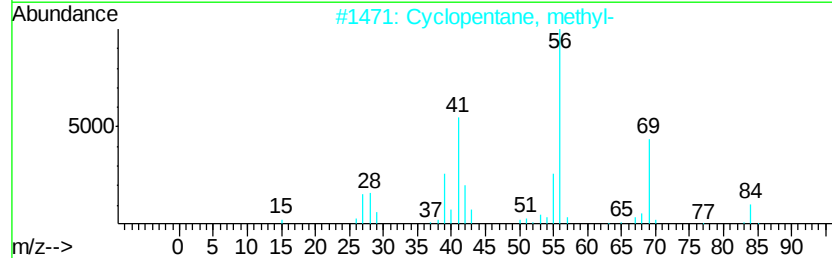
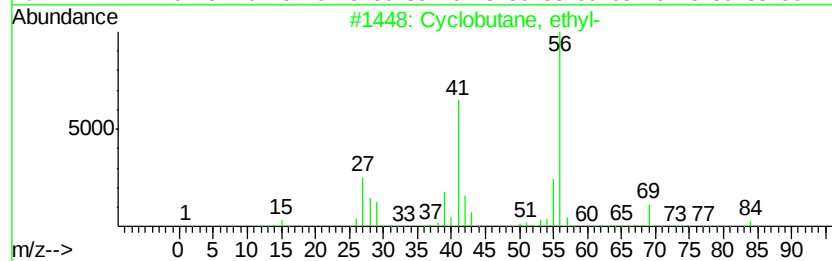
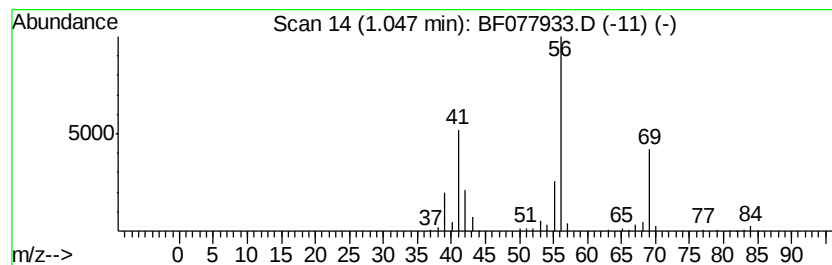
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclobutane, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.05	27.03 ng	360821	1,4-Dichlorobenzene-d4	7.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3		Cyclohexane	84	C6H12	000110-82-7	64
4		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	56
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	50



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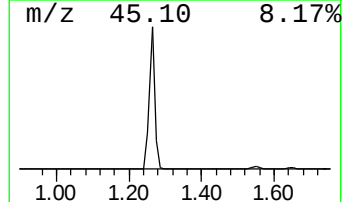
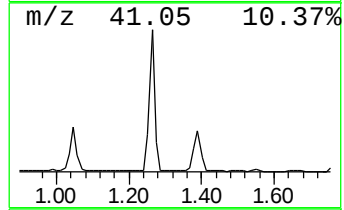
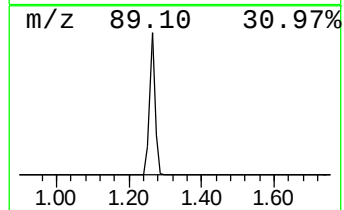
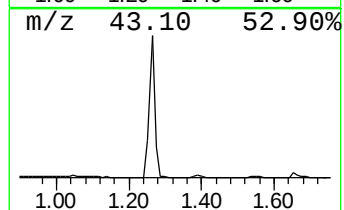
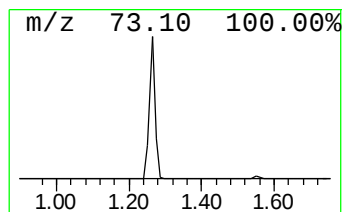
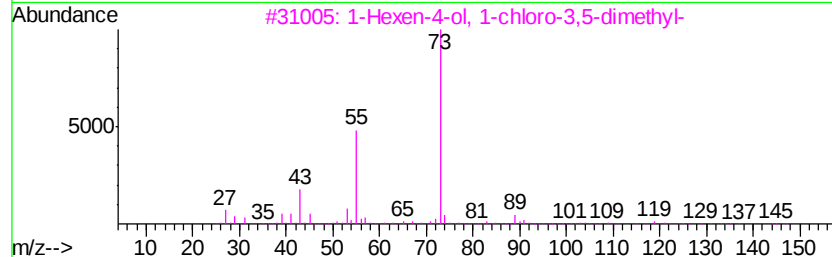
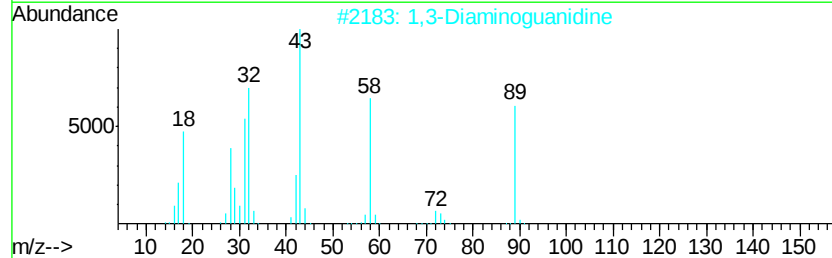
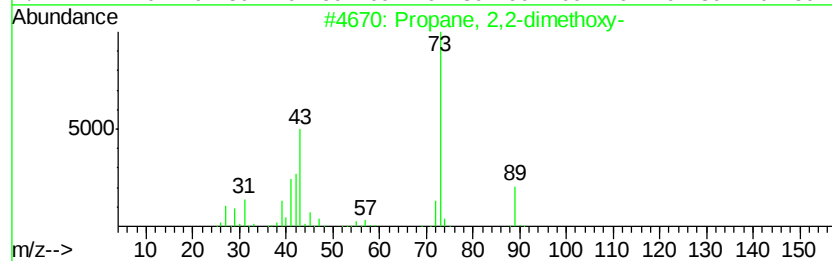
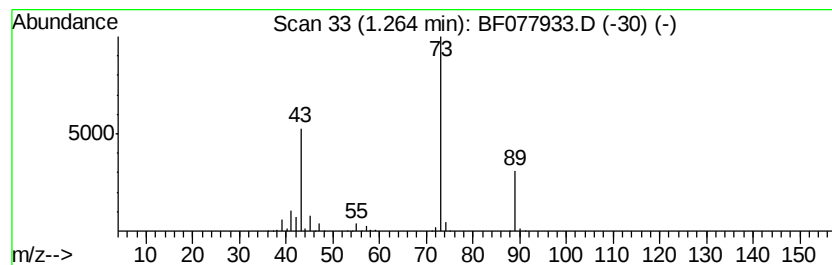
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown1.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	249.93 ng	3336450	1,4-Dichlorobenzene-d4	7.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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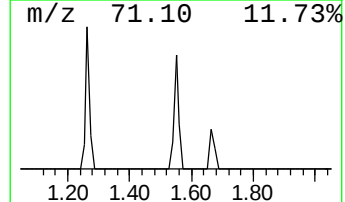
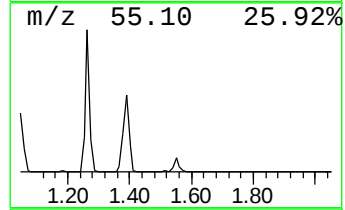
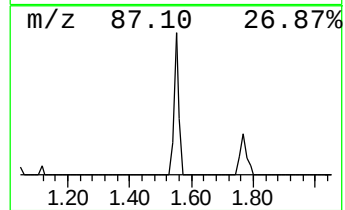
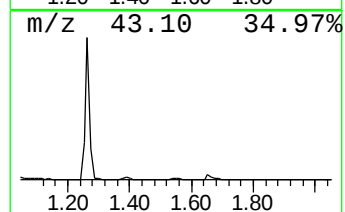
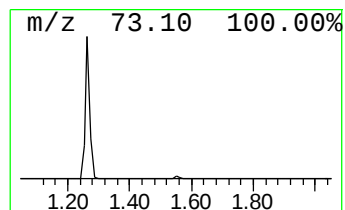
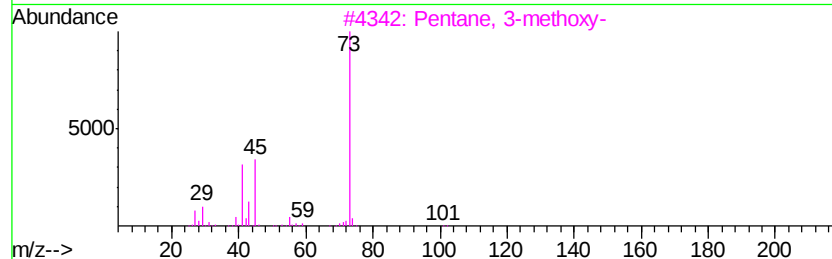
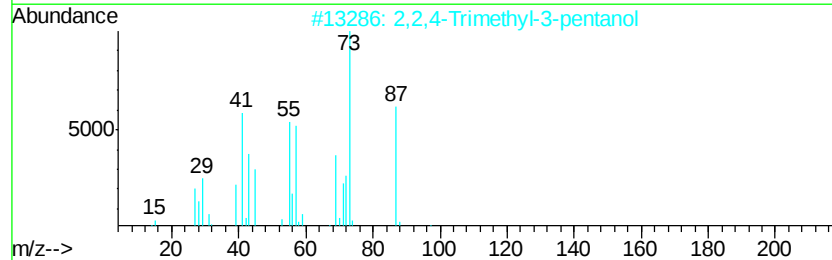
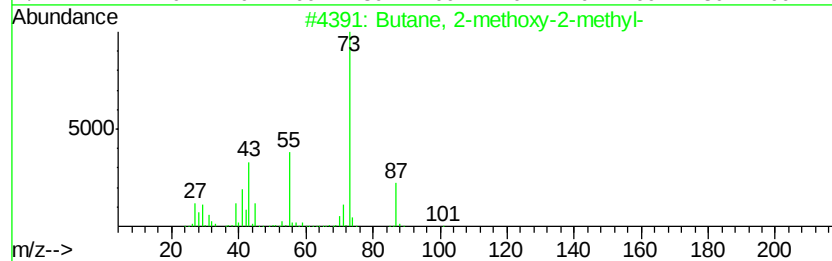
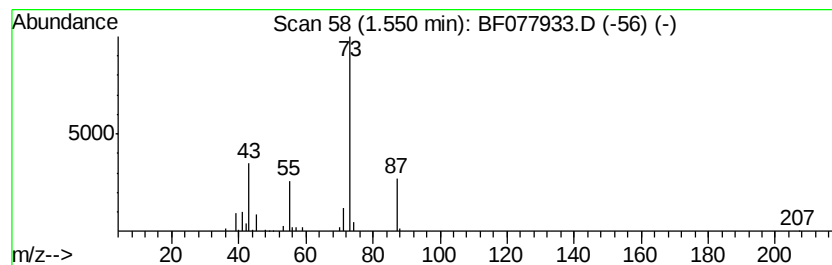
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	5.87 ng	78393	1,4-Dichlorobenzene-d4	7.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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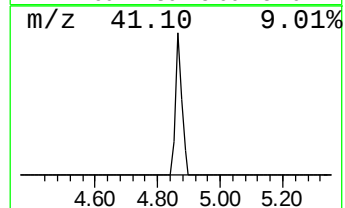
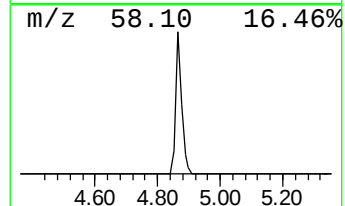
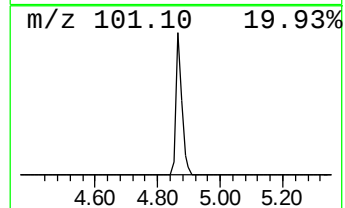
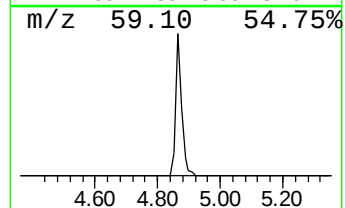
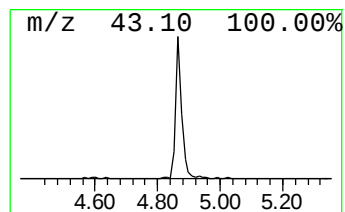
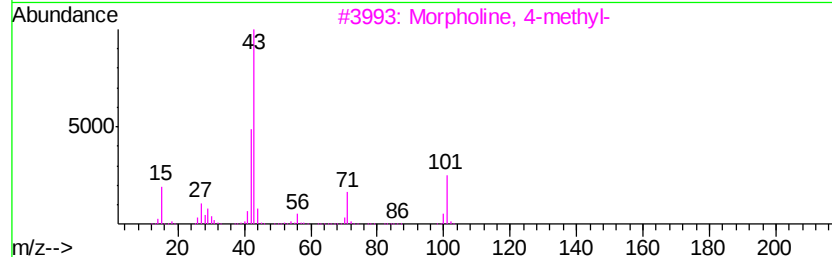
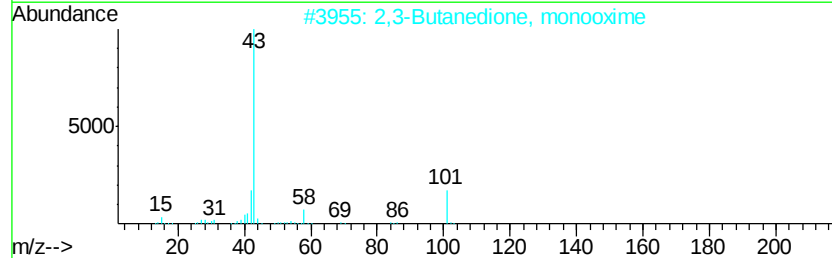
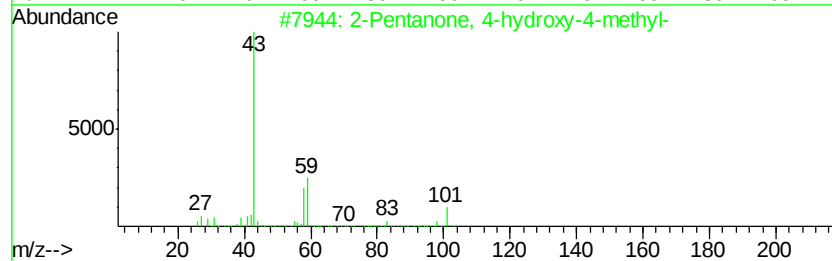
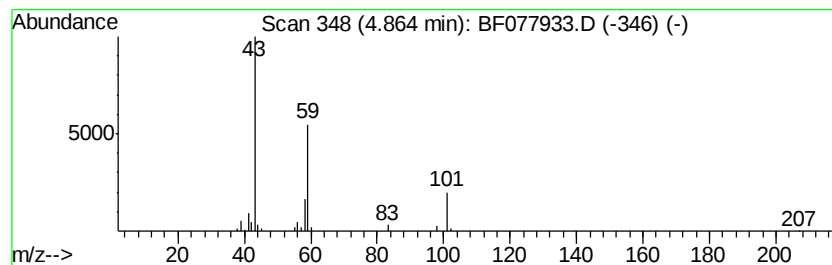
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	9.11 ng	121611	1,4-Dichlorobenzene-d4	7.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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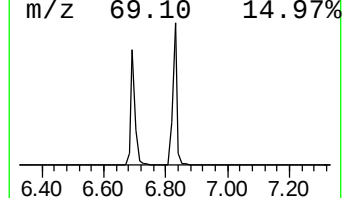
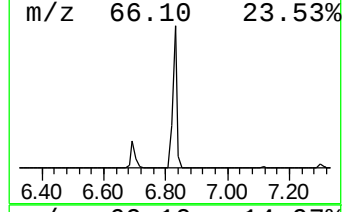
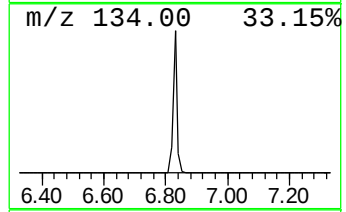
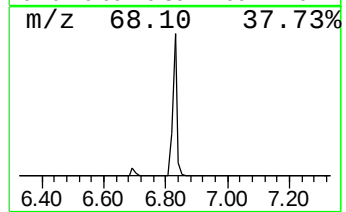
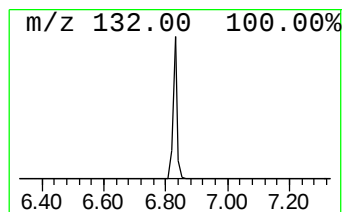
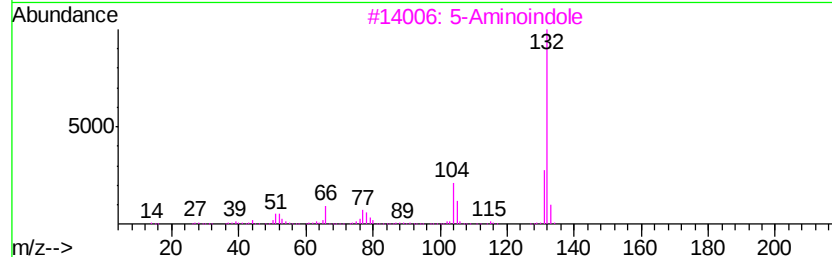
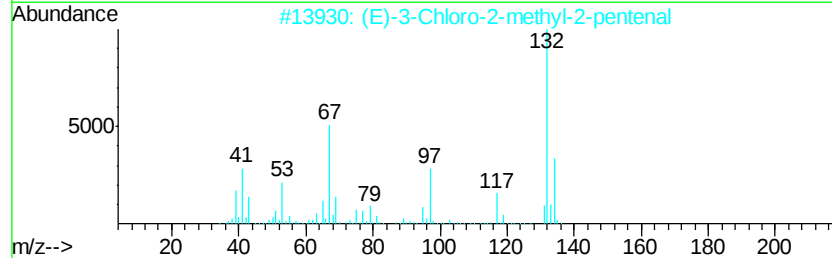
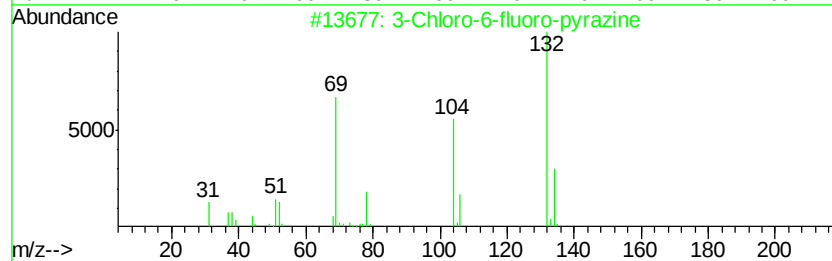
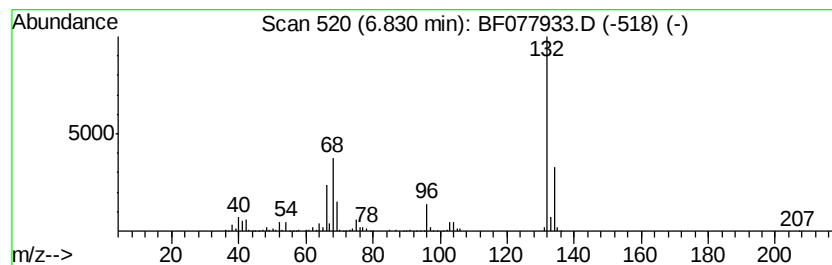
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	78.79 ng	1051790	1,4-Dichlorobenzene-d4	7.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
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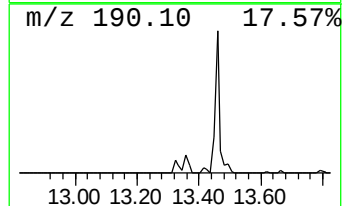
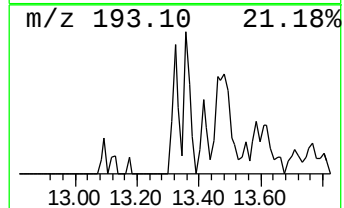
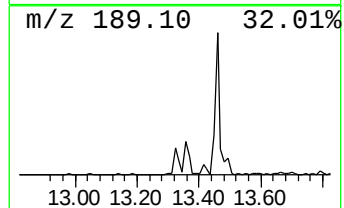
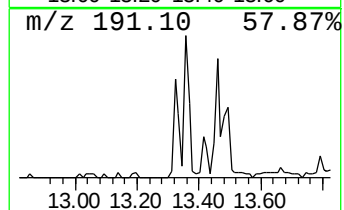
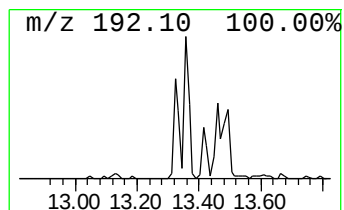
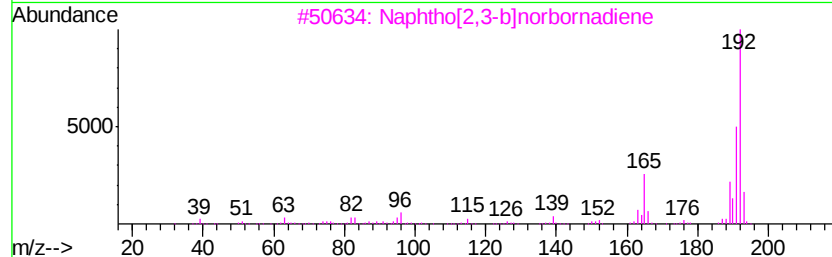
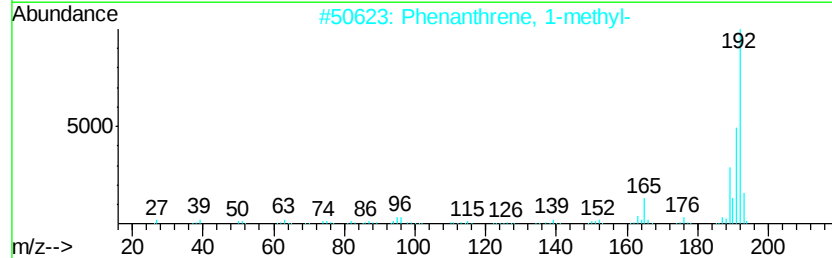
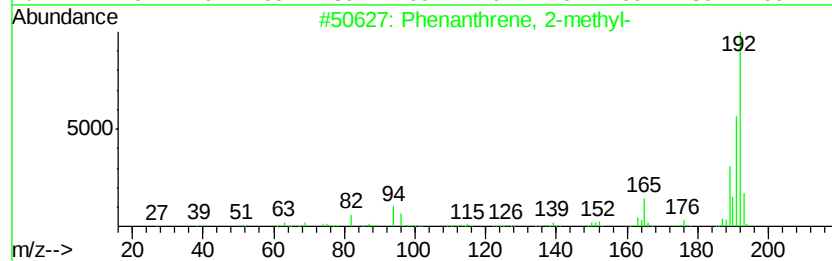
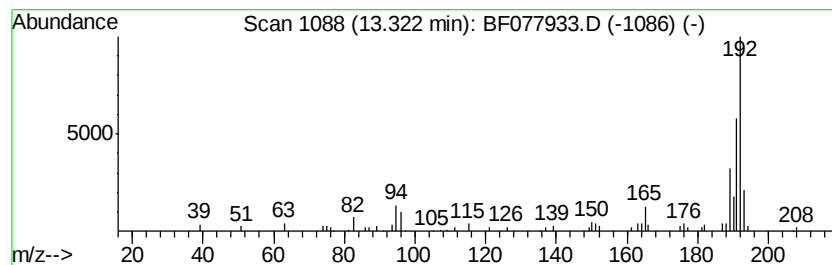
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.69 ng	69543	Phenanthrene-d10	12.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



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Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

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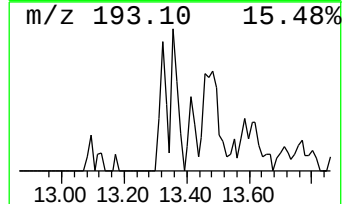
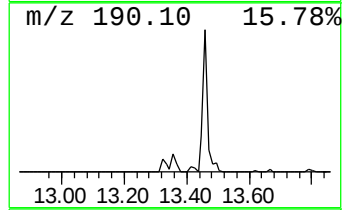
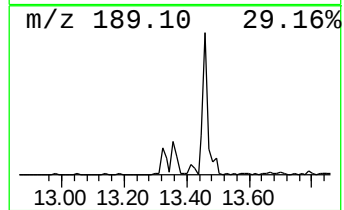
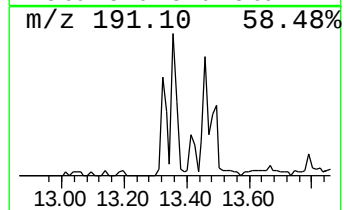
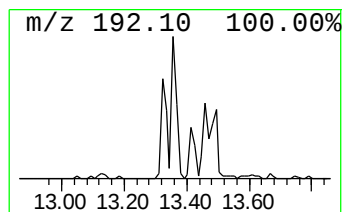
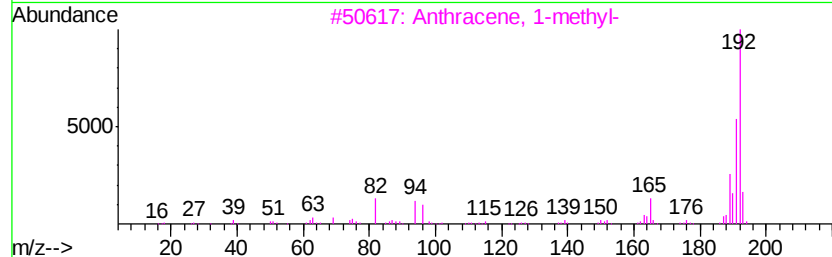
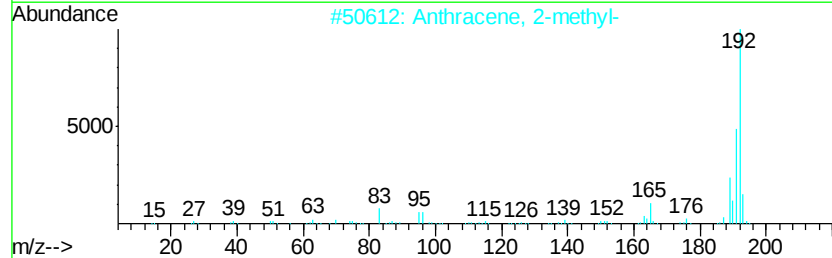
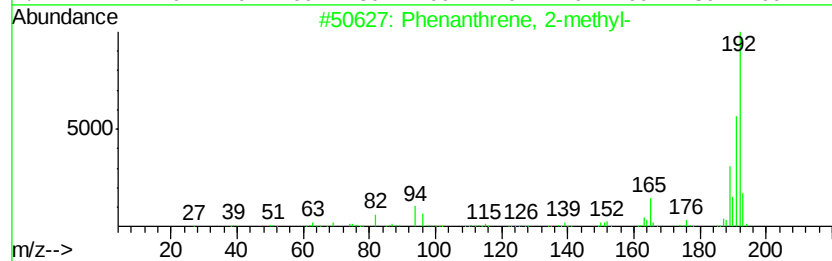
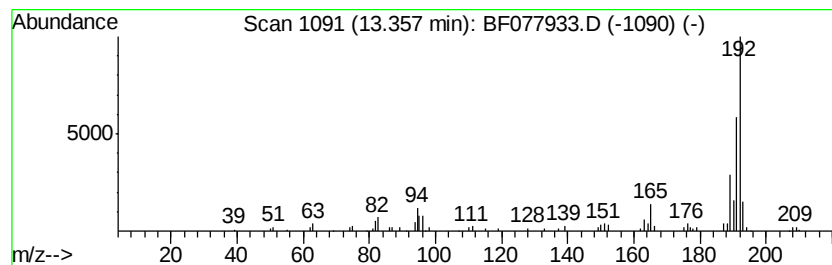
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.60 ng	93110	Phenanthrene-d10	12.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
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Sample : G1613-11
Misc :
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Instrument :
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ClientSampleId :
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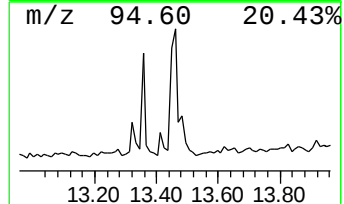
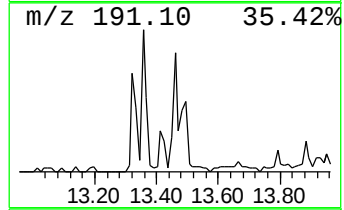
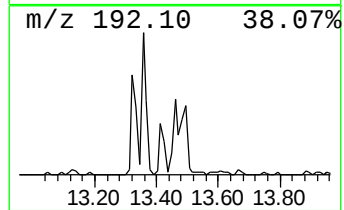
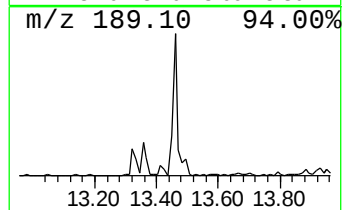
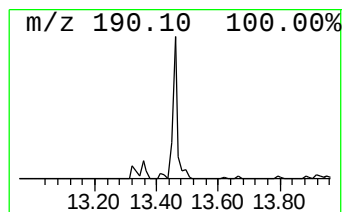
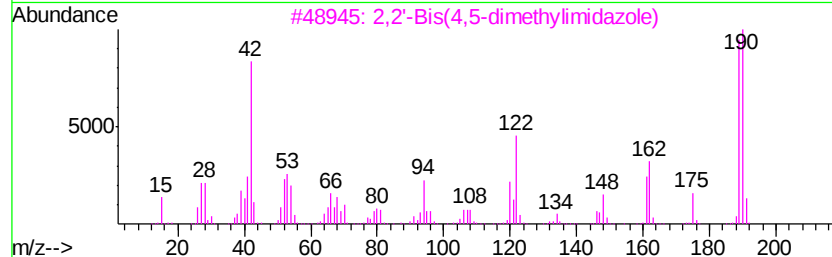
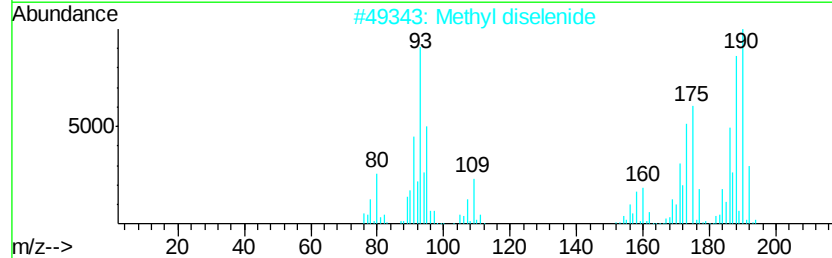
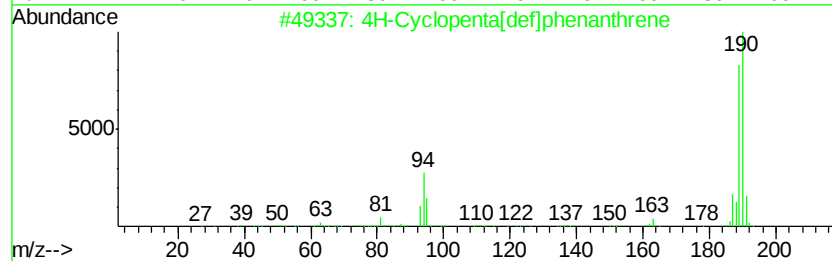
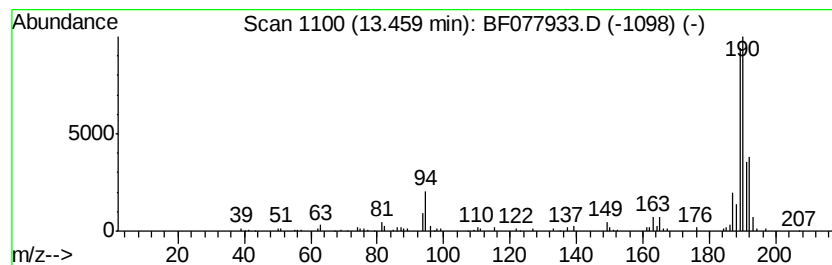
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	6.26 ng	161919	Phenanthrene-d10	12.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Methyl diselenide	190	C2H6Se2	007101-31-7	49
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4			4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
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Misc :
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Instrument :
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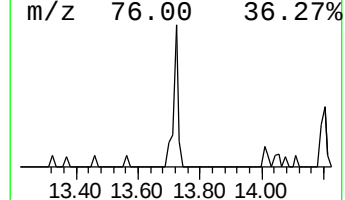
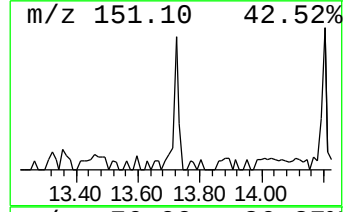
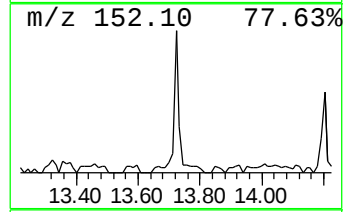
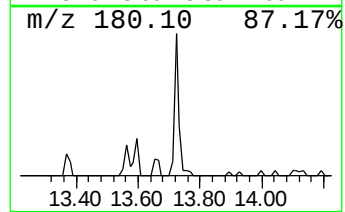
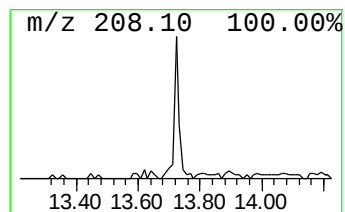
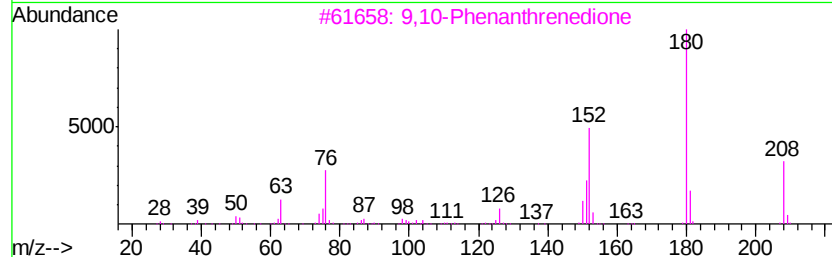
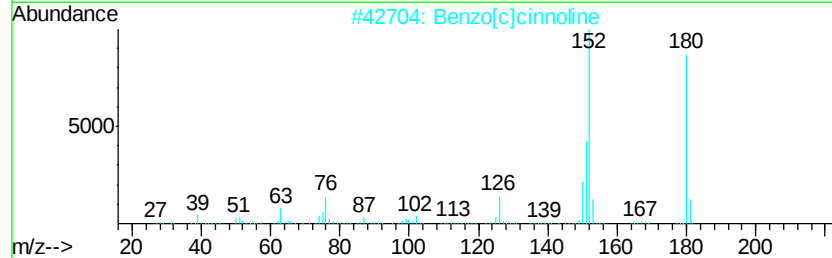
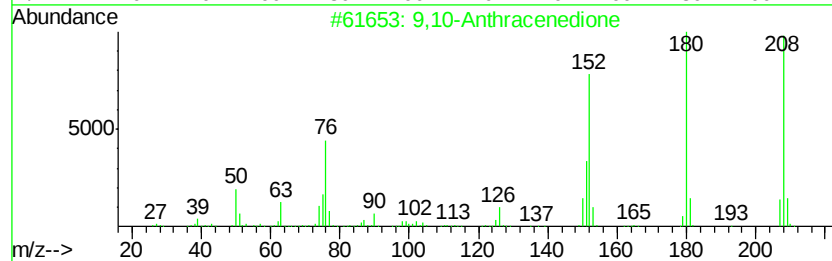
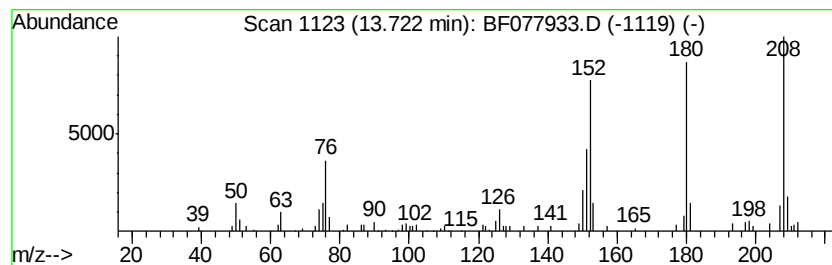
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.63 ng	119747	Phenanthrene-d10	12.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	58
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
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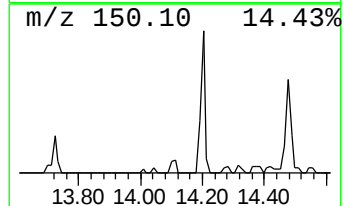
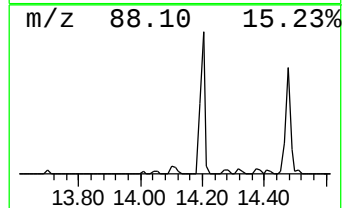
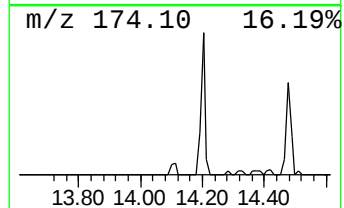
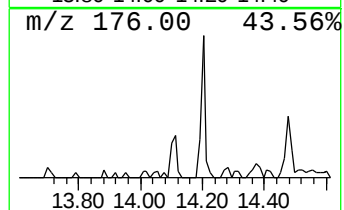
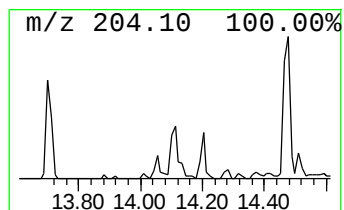
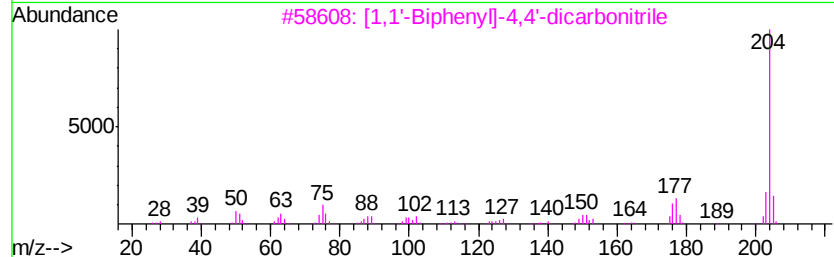
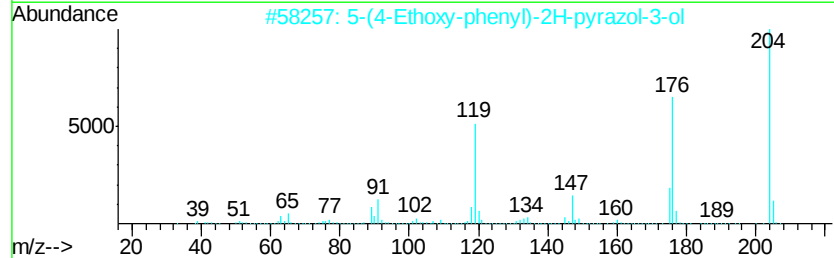
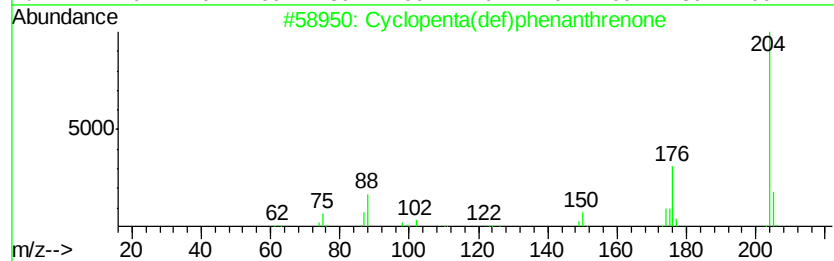
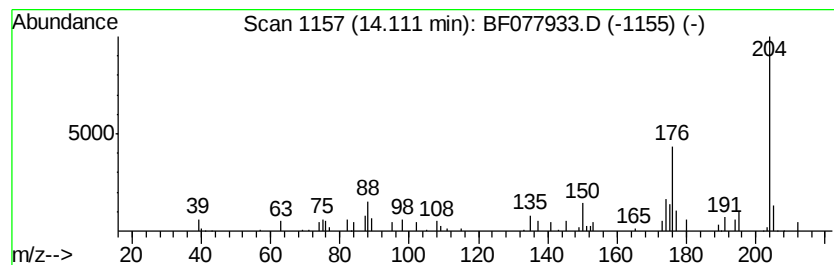
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.58 ng	66758	Phenanthrene-d10	12.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	64
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
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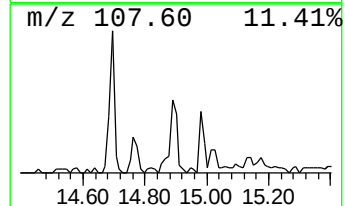
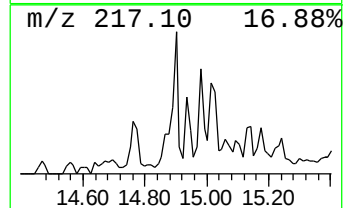
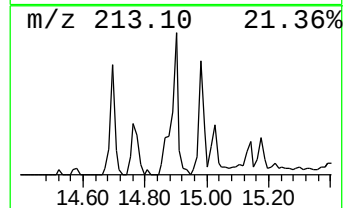
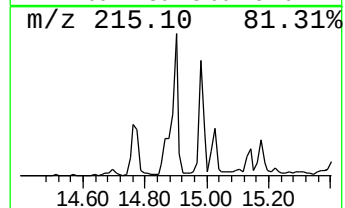
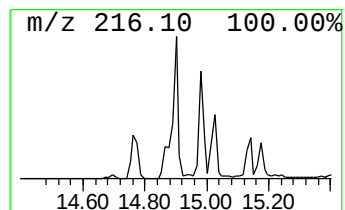
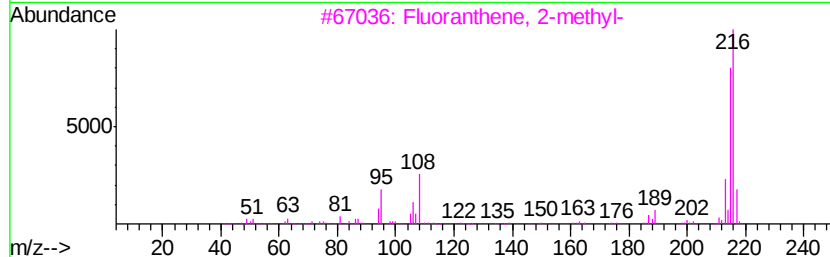
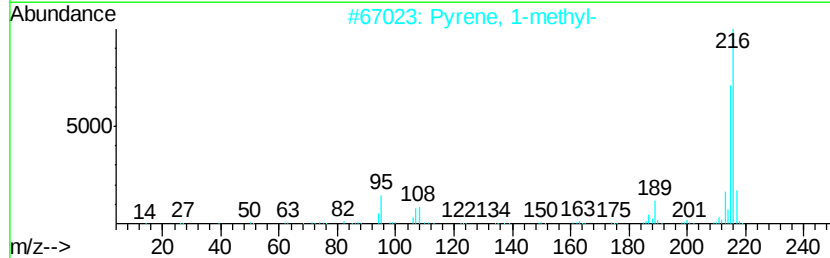
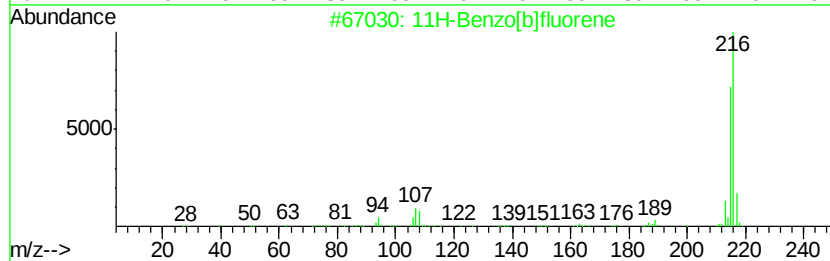
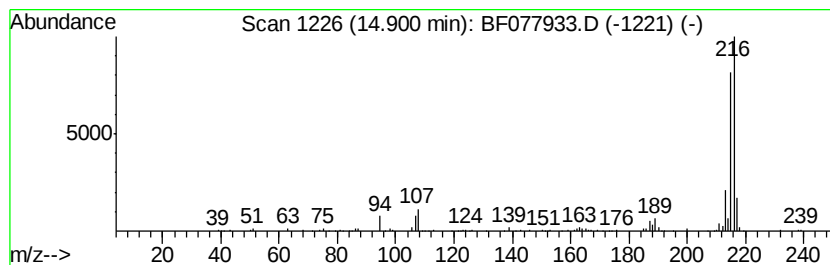
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ClientSampleId :
SB-6-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.90	3.80 ng	220432	Chrysene-d12	15.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-1

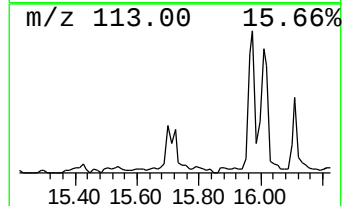
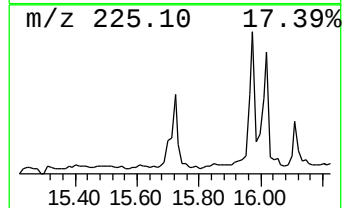
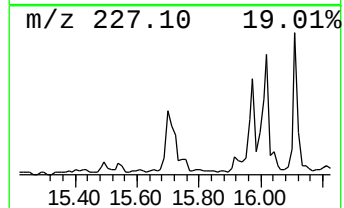
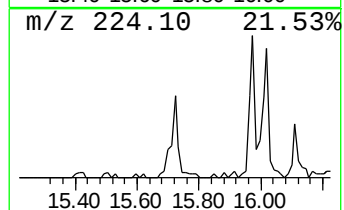
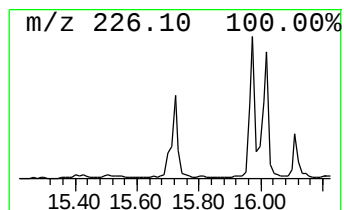
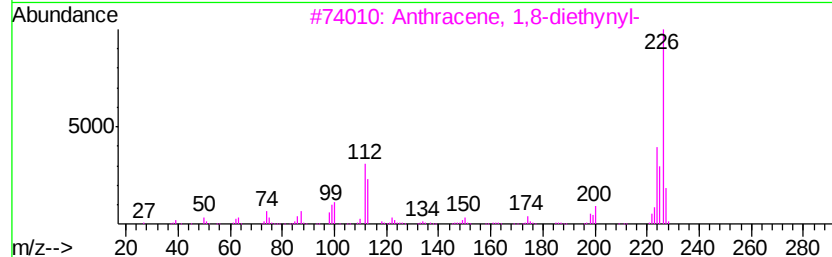
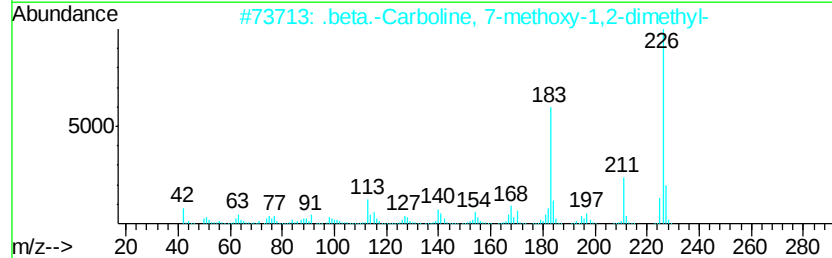
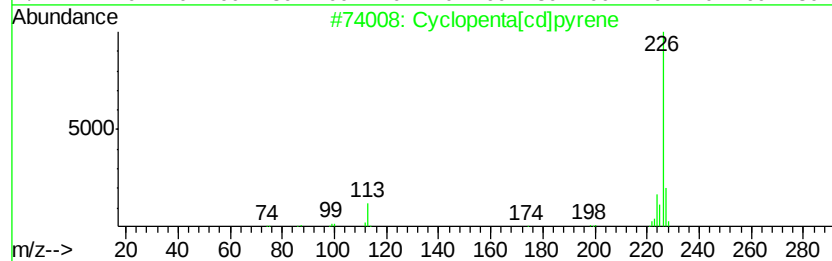
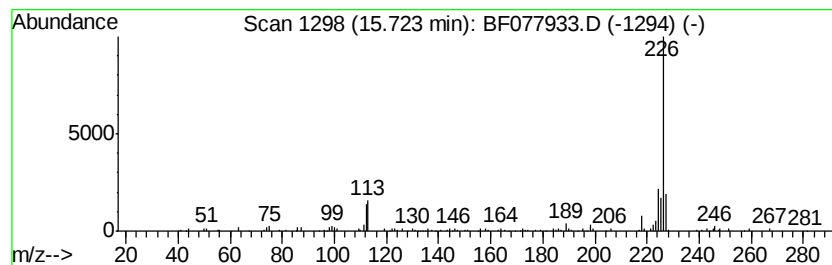
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.94 ng	170571	Chrysene-d12	15.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
4		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40
5		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

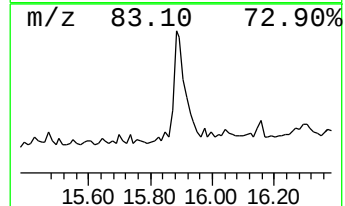
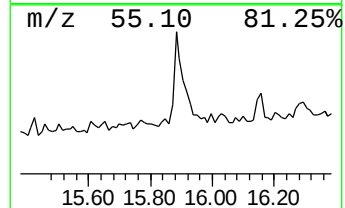
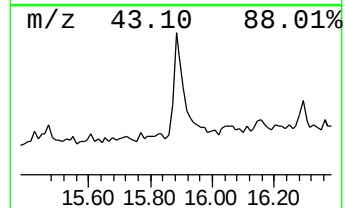
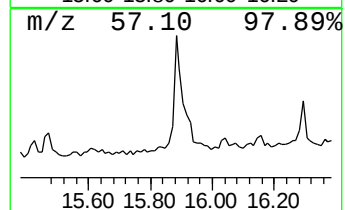
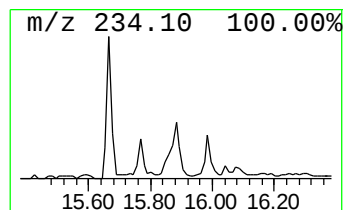
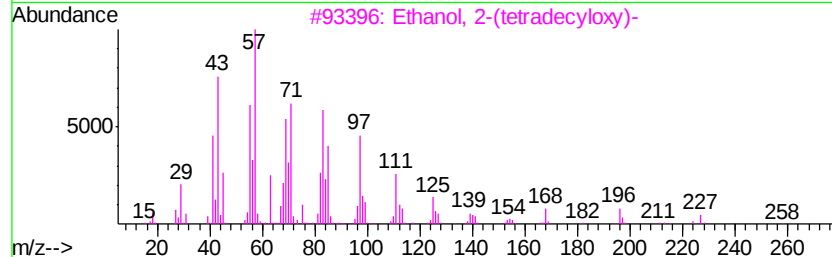
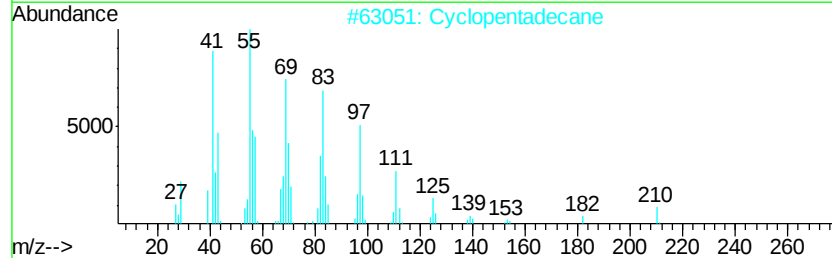
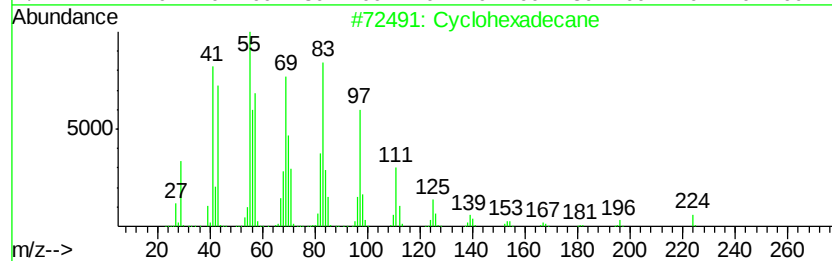
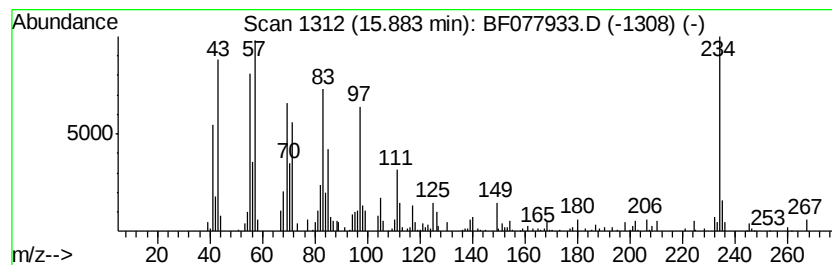
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	3.87 ng	224257	Chrysene-d12	15.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 93
2		Cyclopentadecane	210 C15H30	000295-48-7 74
3		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 64
4		17-Pentatriacontene	491 C35H70	006971-40-0 58
5		Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-1

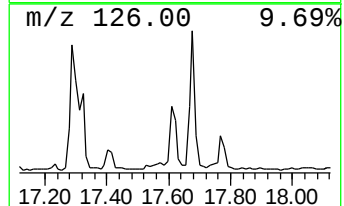
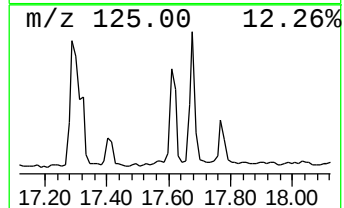
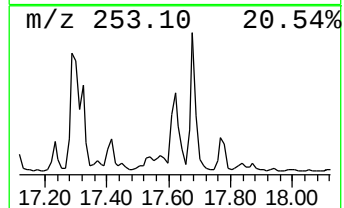
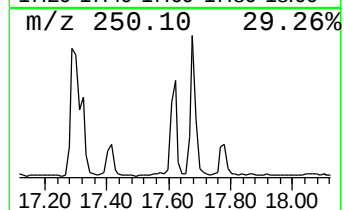
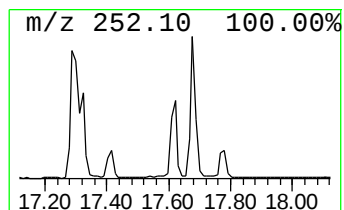
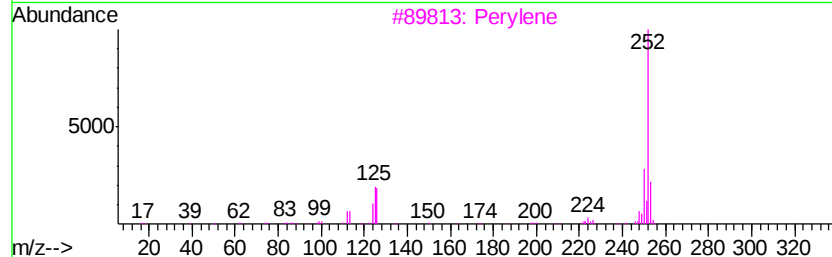
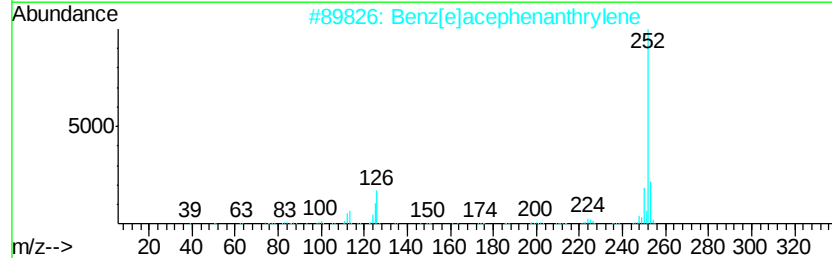
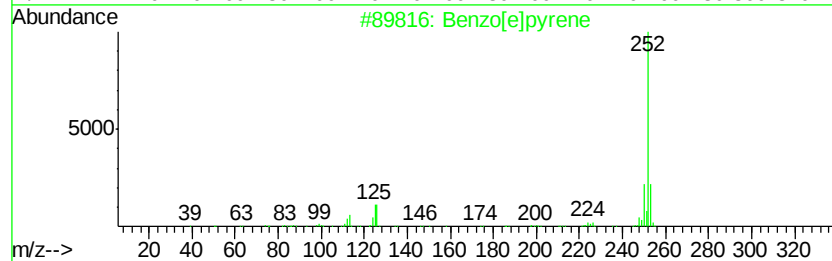
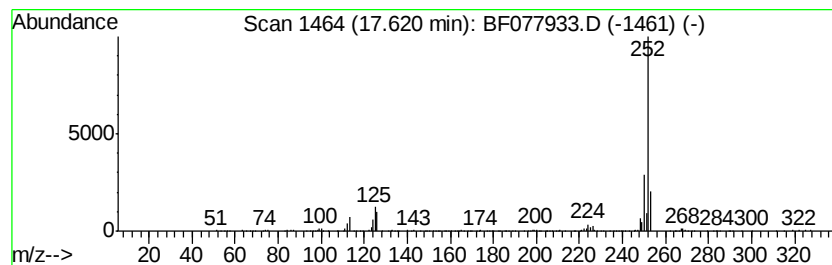
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	11.80 ng	312745	Perylene-d12	17.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-1

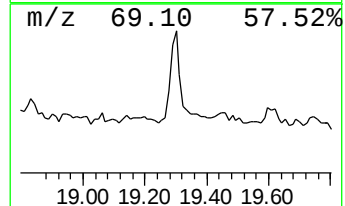
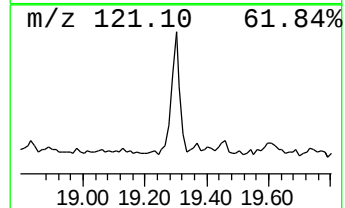
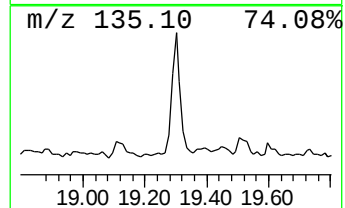
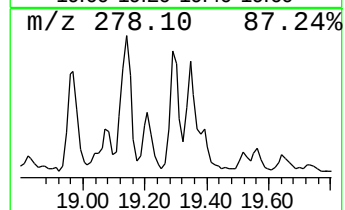
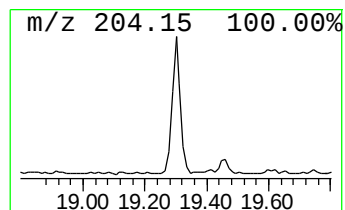
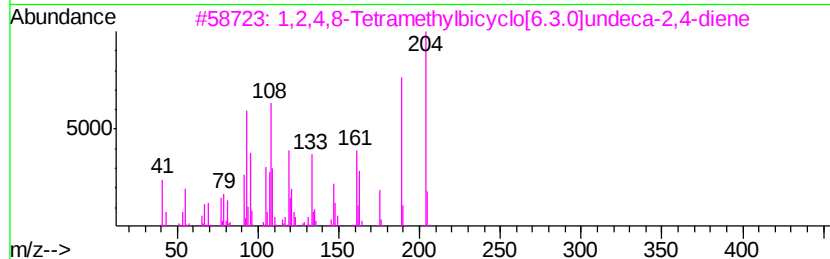
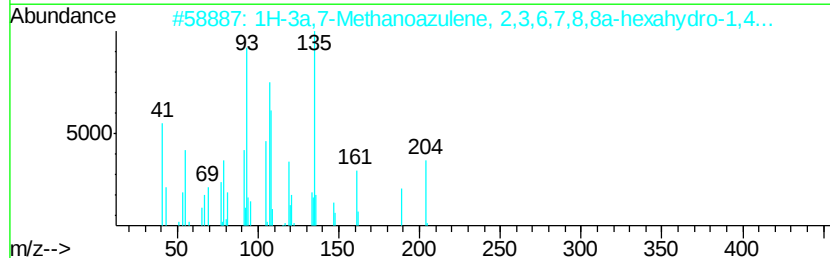
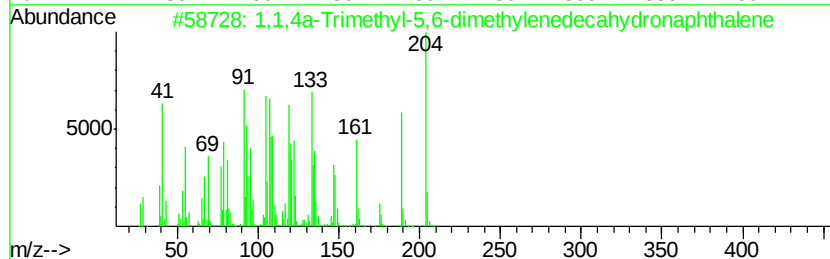
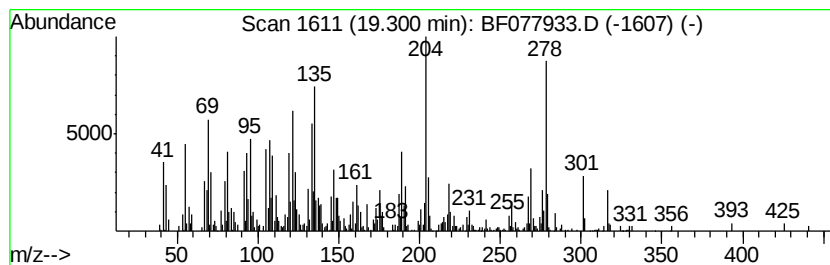
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.30 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	21.63 ng	573352	Perylene-d12	17.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
2		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	45
3		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	42
4		Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	41
5		Farnesyl bromide	284	C15H25Br	006874-67-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077933.D
 Acq On : 25 Mar 2015 3:38
 Operator : TP/IZ
 Sample : G1613-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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
Cyclobutane, ethyl-	1.05	27.0	ng	360821	1	7.12	266988	20.0
unknown1.26	1.26	249.9	ng	3336450	1	7.12	266988	20.0
Butane, 2-methoxy...	1.55	5.9	ng	78393	1	7.12	266988	20.0
2-Pentanone, 4-hy...	4.86	9.1	ng	121611	1	7.12	266988	20.0
unknown6.83	6.83	78.8	ng	1051790	1	7.12	266988	20.0
Phenanthrene, 2-m...	13.32	2.7	ng	69543	4	12.69	517231	20.0
Anthracene, 2-met...	13.36	3.6	ng	93110	4	12.69	517231	20.0
4H-Cyclopenta[def...	13.46	6.3	ng	161919	4	12.69	517231	20.0
9,10-Anthracenedione	13.72	4.6	ng	119747	4	12.69	517231	20.0
Cyclopenta(def)ph...	14.11	2.6	ng	66758	4	12.69	517231	20.0
11H-Benzo[b]fluorene	14.90	3.8	ng	220432	5	15.99	1159930	20.0
Cyclopenta[cd]pyrene	15.72	2.9	ng	170571	5	15.99	1159930	20.0
Cyclohexadecane	15.88	3.9	ng	224257	5	15.99	1159930	20.0
Benzo[e]pyrene	17.62	11.8	ng	312745	6	17.75	530227	20.0
unknown19.30	19.30	21.6	ng	573352	6	17.75	530227	20.0