

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002742.D
 Acq On : 28 Sep 2015 20:17
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:43:26 PM

Quant Time: Sep 29 07:32:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	9320	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	36638	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	20864	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	41138	0.40	ng/ul	0.02
18) Chrysene-d12	22.14	240	54042	0.40	ng/ul	0.00
22) Perylene-d12	24.74	264	56793m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	12791	1.33	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5101m	0.10	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	8399	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	84920	0.86	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	49612	0.78	ng/ul	99
9) Acenaphthylene	15.06	152	255974	2.38	ng/ul	97
10) Acenaphthene	15.38	153	610664	7.78	ng/ul	97
11) Fluorene	16.36	166	696543	7.78	ng/ul	91
14) Phenanthrene	18.08	178	12234773	91.40	ng/ul	95
15) Anthracene	18.17	178	2442704	19.74	ng/ul	97
17) Fluoranthene	20.05	202	17829999	122.47	ng/ul	71
19) Pyrene	20.41	202	15950476	75.73	ng/ul#	78
20) Benzo(a)anthracene	22.12	228	8713922	48.25	ng/ul	96
21) Chrysene	22.17	228	9221790	53.35	ng/ul	94
23) Benzo(b)fluoranthene	23.95	252	13470127m	65.79	ng/ul	
24) Benzo(k)fluoranthene	23.99	252	3414674m	18.00	ng/ul	
25) Benzo(a)pyrene	24.64	252	8022313m	42.55	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.51	276	6596071m	31.37	ng/ul	
27) Dibenzo(a,h)anthracene	27.50	278	1619850m	9.39	ng/ul	
28) Benzo(a,h,i)perylene	28.38	276	5664547m	31.77	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

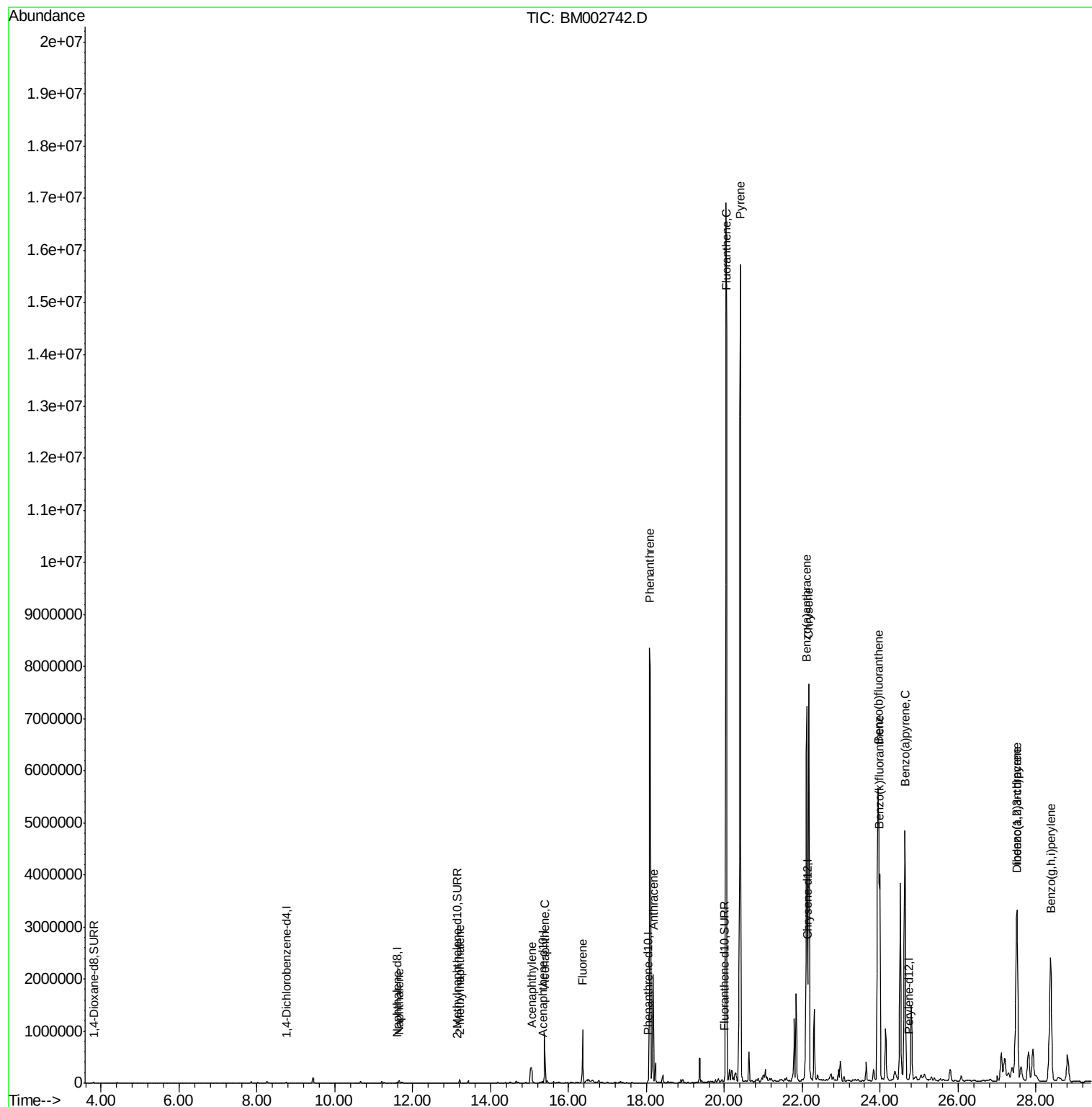
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002742.D
Acq On : 28 Sep 2015 20:17
Operator : UM/IZ
Sample : G3798-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

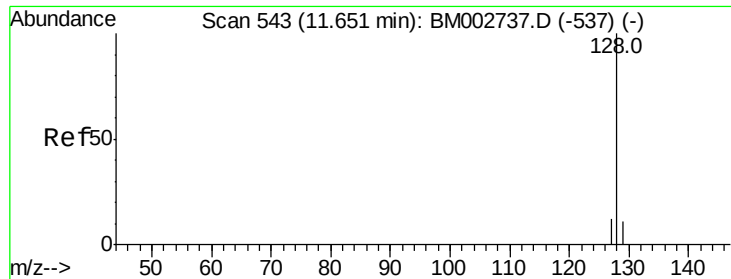
Instrument :
BNA_M
ClientSampleId :
D9G75

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:26 PM

Quant Time: Sep 29 07:32:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.86 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

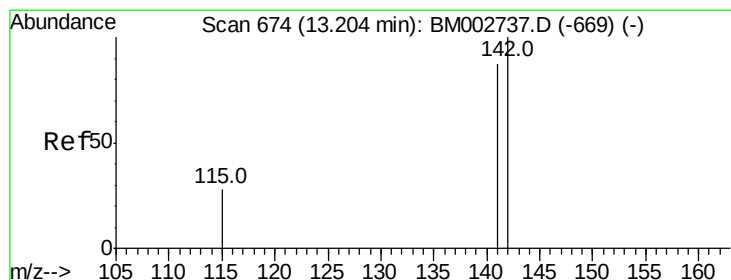
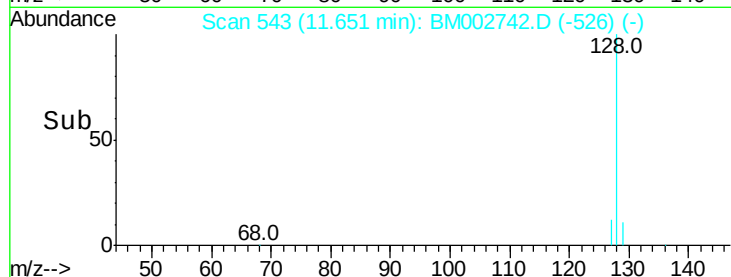
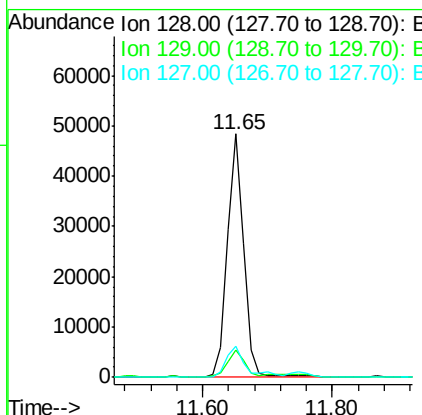
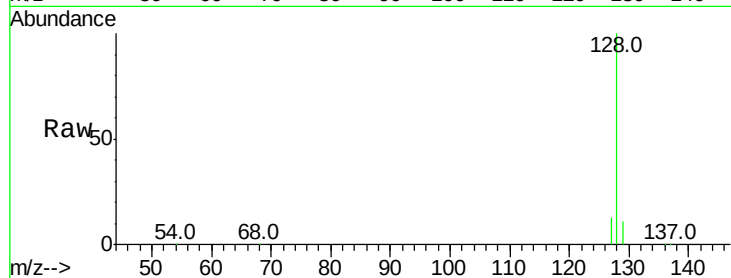
D9G75

Tot Ion:128 Resp: 84920

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.8
127	12.6	10.7	16.1

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:26 PM



#7

2-Methylnaphthalene

Concen: 0.78 ng/ul

RT: 13.20 min Scan# 674

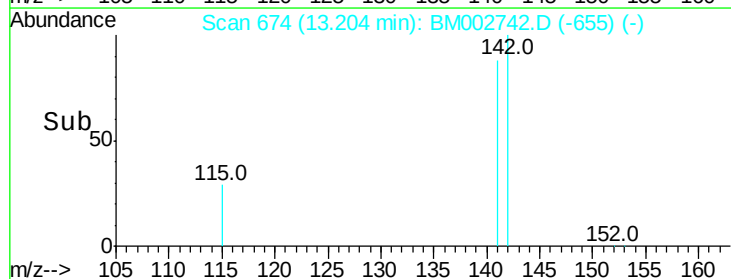
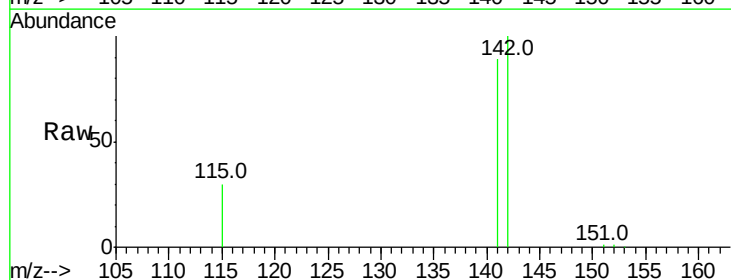
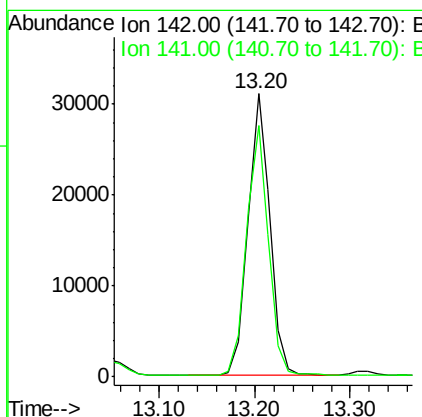
Delta R.T. -0.00 min

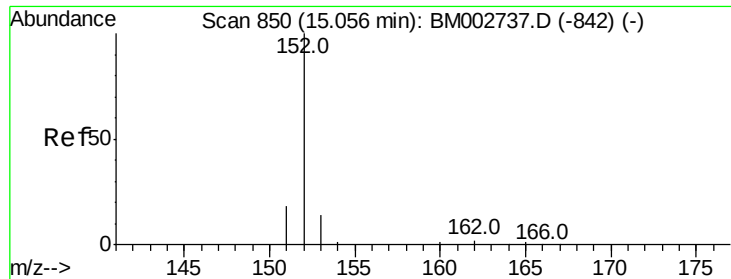
Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Tgt Ion:142 Resp: 49612

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5





#9

Acenaphthylene

Concen: 2.38 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

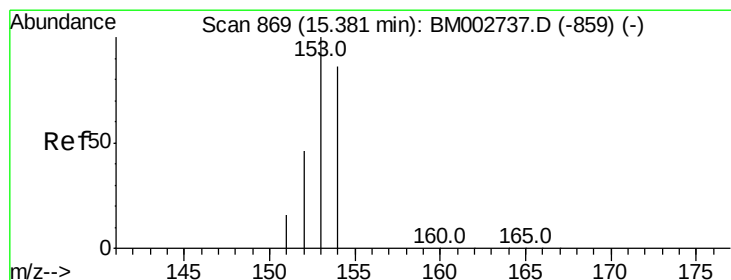
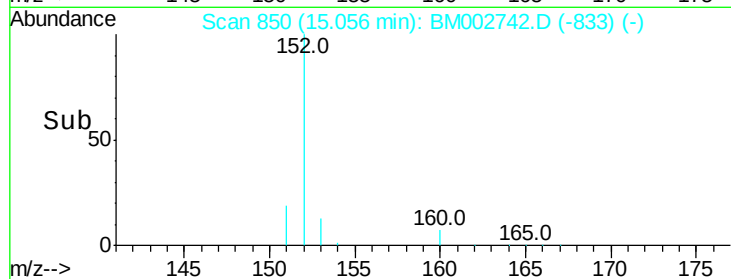
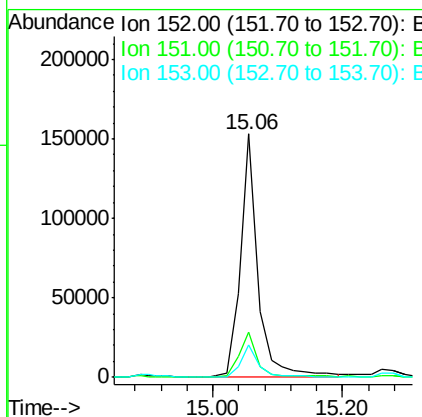
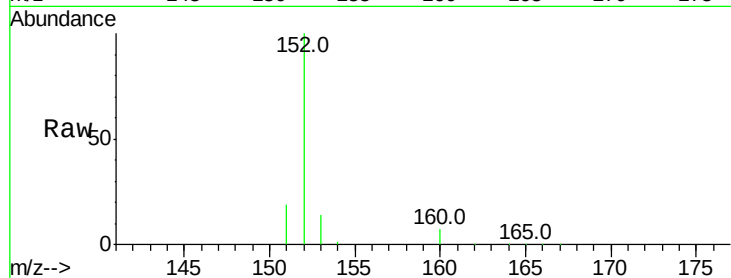
ClientSampleId :

D9G75

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:26 PM

Tot Ion	Ratio	Resp	Lower	Upper
152	100	255974		
151	18.7		16.8	25.2
153	13.5		11.3	16.9



#10

Acenaphthene

Concen: 7.78 ng/ul

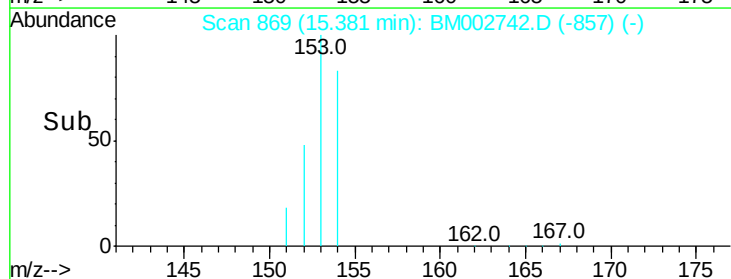
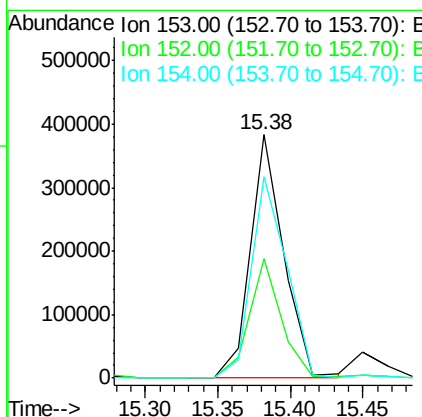
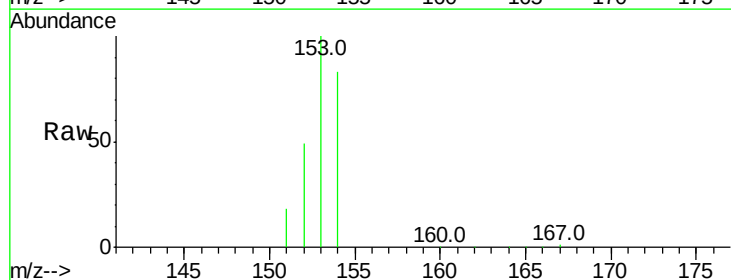
RT: 15.38 min Scan# 869

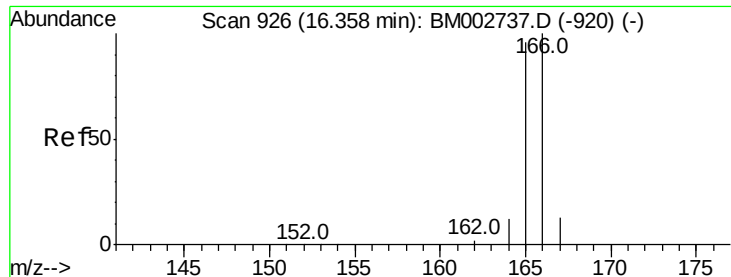
Delta R.T. -0.00 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	610664		
152	49.0		42.3	63.5
154	82.7		64.7	97.1





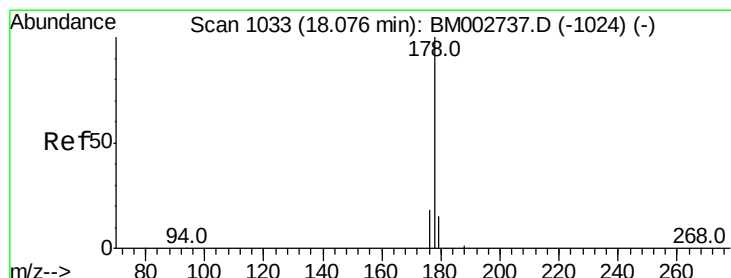
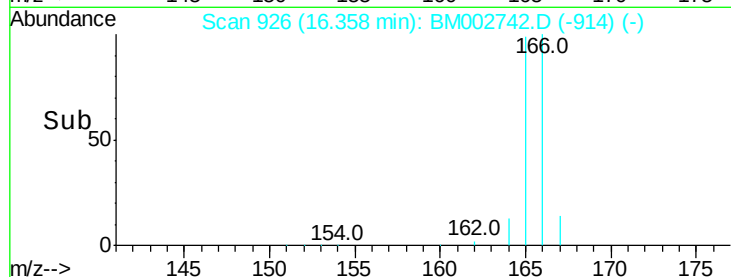
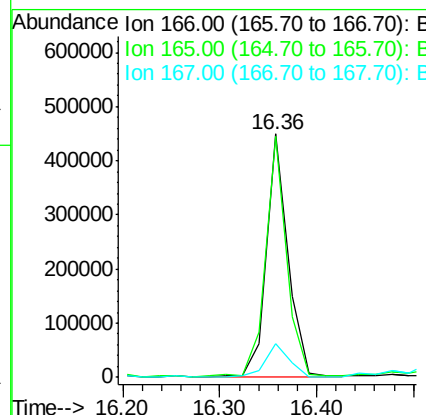
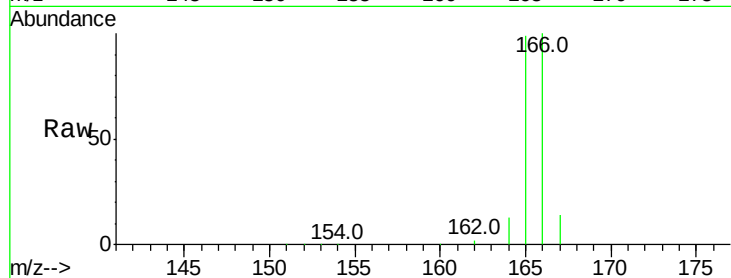
#11
Fluorene
Concen: 7.78 ng/ul
RT: 16.36 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Instrument :
BNA_M
ClientSampleId :
D9G75

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	87.6	131.4
167	14.1	11.1	16.7

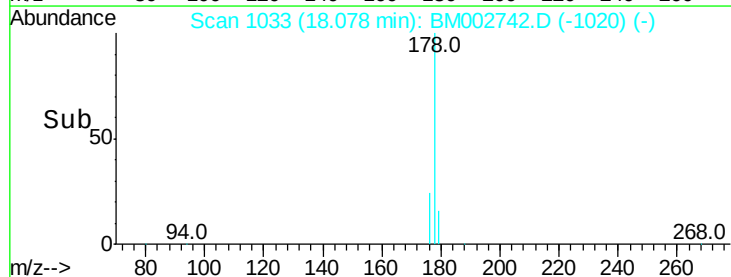
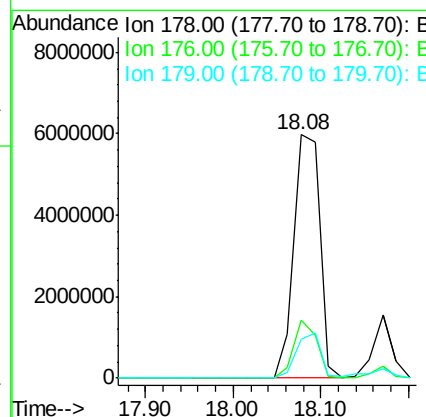
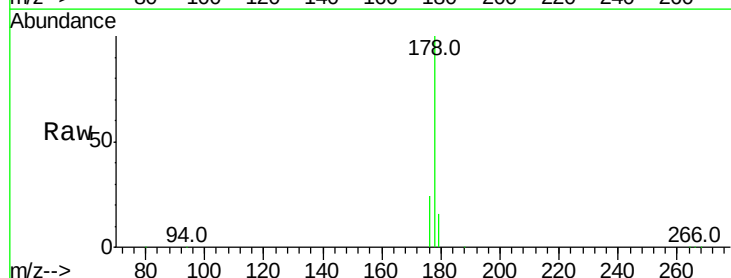
Manual Integrations
APPROVED

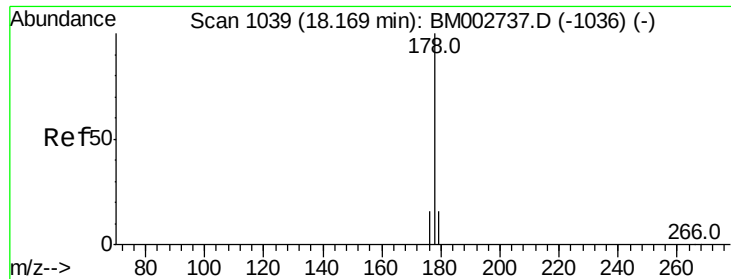
MMDadoda
9/29/2015 3:43:26 PM



#14
Phenanthrene
Concen: 91.40 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.9	16.2	24.4
179	15.9	12.8	19.2





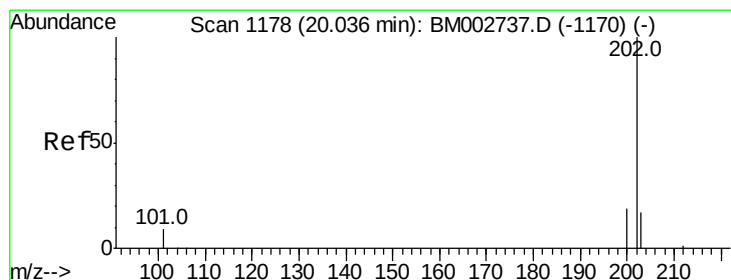
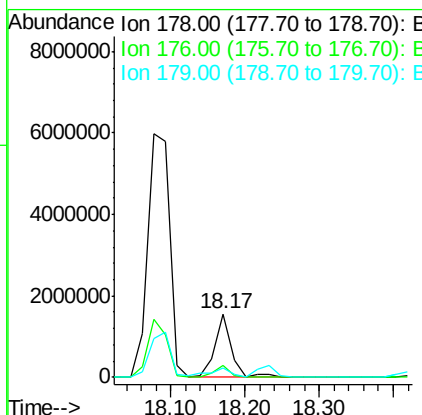
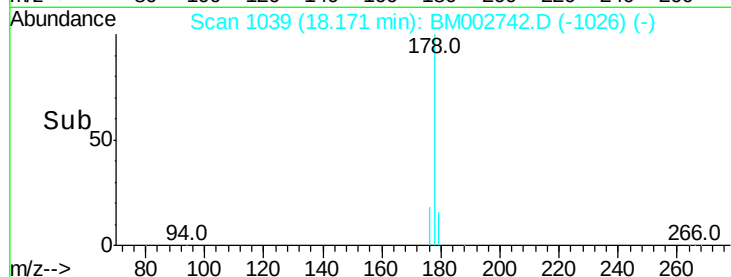
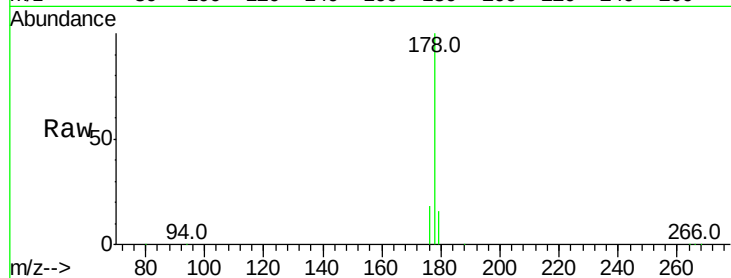
#15
 Anthracene
 Concen: 19.74 ng/ul
 RT: 18.17 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM002742.D
 Acq: 28 Sep 2015 20:17

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Tot Ion:178 Resp: 2442704
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.8 23.8
 179 15.7 13.3 19.9

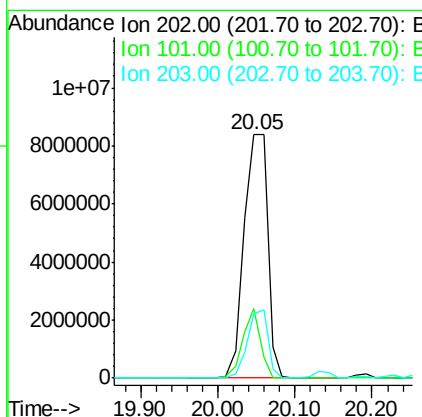
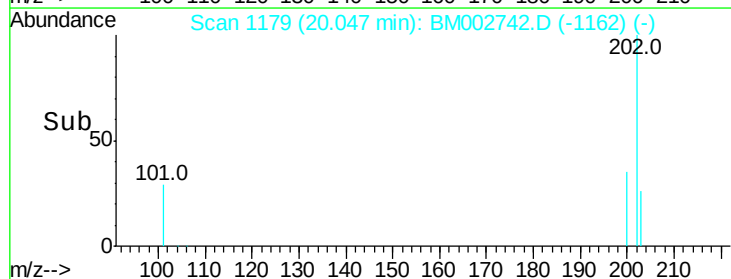
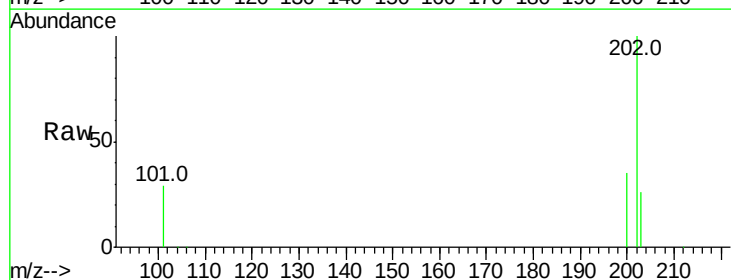
Manual Integrations
 APPROVED

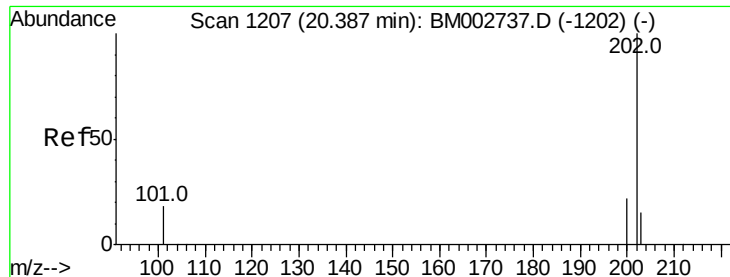
MMDadoda
 9/29/2015 3:43:26 PM



#17
 Fluoranthene
 Concen: 122.47 ng/ul
 RT: 20.05 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM002742.D
 Acq: 28 Sep 2015 20:17

Tgt Ion:202 Resp:17829999
 Ion Ratio Lower Upper
 202 100
 101 28.7 0.0 33.1
 203 26.3 0.0 37.2





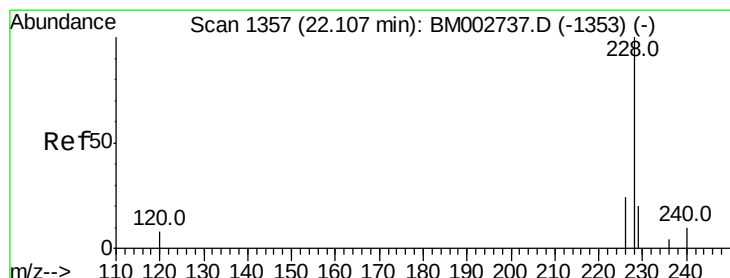
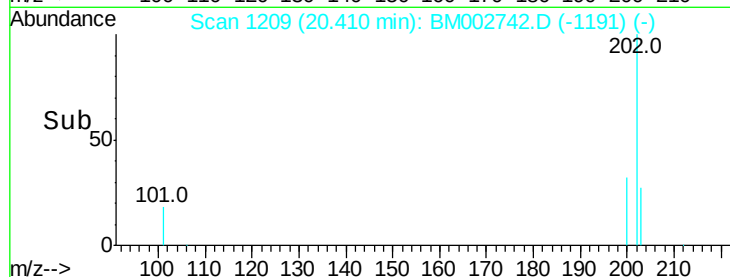
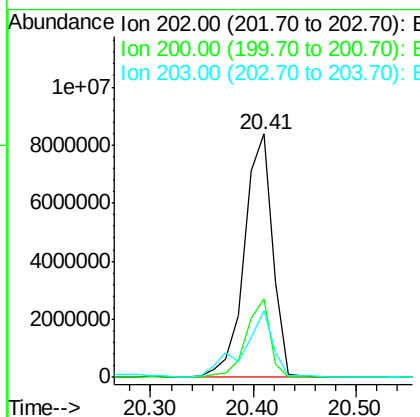
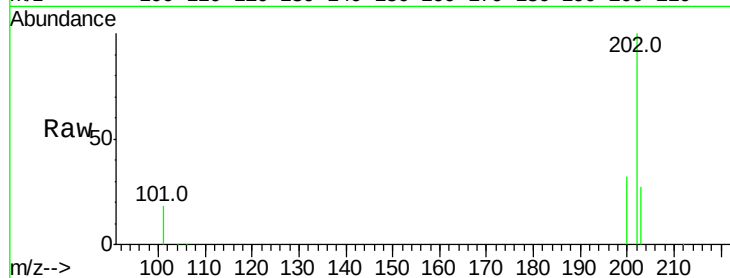
#19
Pvrene
Concen: 75.73 ng/ul
RT: 20.41 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Instrument :
BNA_M
ClientSampleId :
D9G75

Tot Ion:202 Resp:15950476
Ion Ratio Lower Upper
202 100
200 32.2 18.0 27.0#
203 27.4 13.8 20.6#

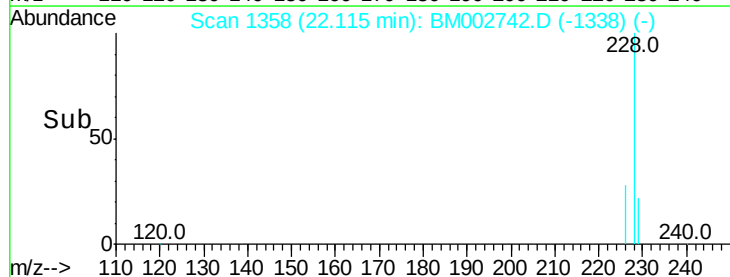
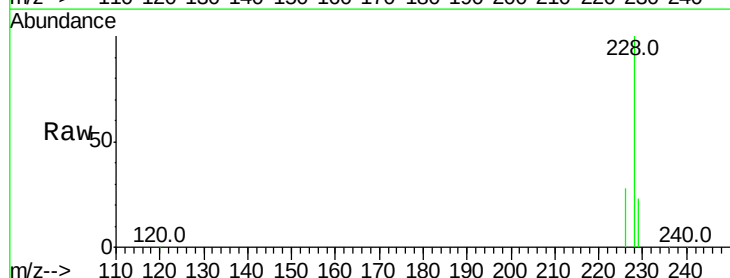
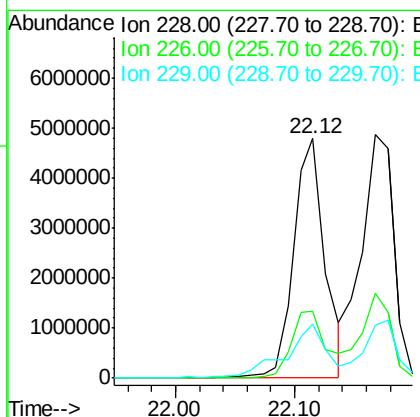
Manual Integrations
APPROVED

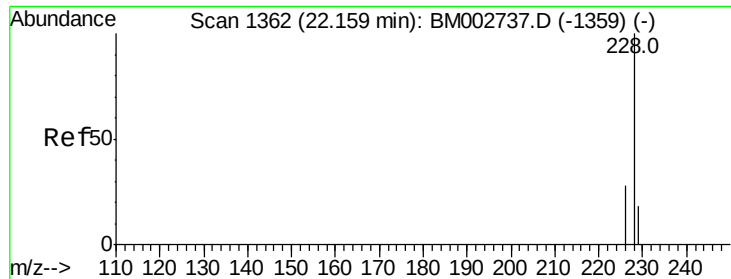
MMDadoda
9/29/2015 3:43:26 PM



#20
Benzo(a)anthracene
Concen: 48.25 ng/ul
RT: 22.12 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Tgt Ion:228 Resp: 8713922
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.4
229 22.6 15.2 22.8





#21

Chrysene

Concen: 53.35 ng/ul

RT: 22.17 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Instrument :

BNA_M

ClientSampleId :

D9G75

Tot Ion:228 Resp: 9221790

Ion Ratio Lower Upper

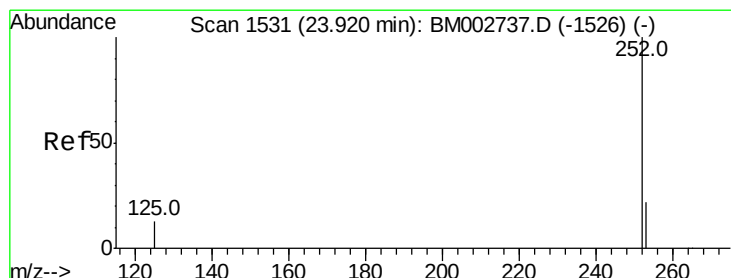
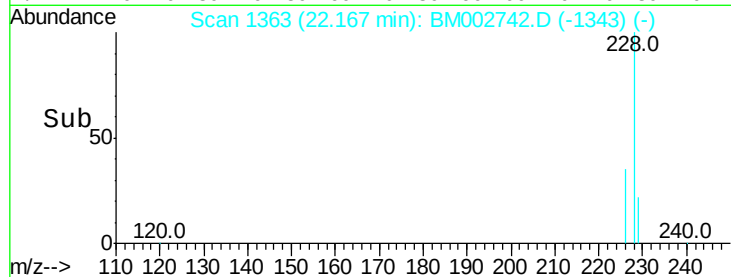
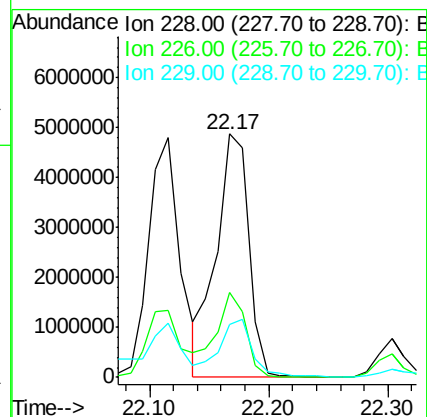
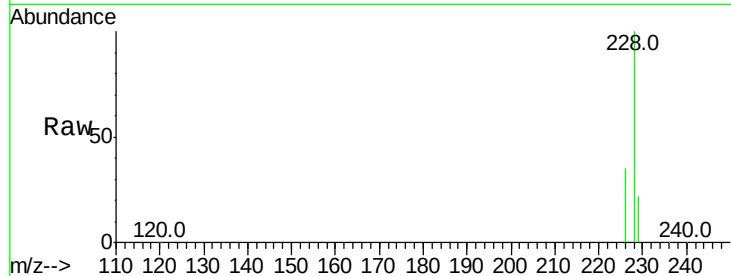
228 100

226 35.1 25.7 38.5

229 22.0 15.2 22.8

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:26 PM



#23

Benzo(b)fluoranthene

Concen: 65.79 ng/ul m

RT: 23.95 min Scan# 1534

Delta R.T. 0.03 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

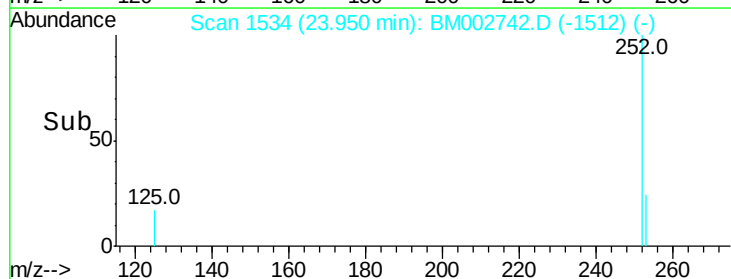
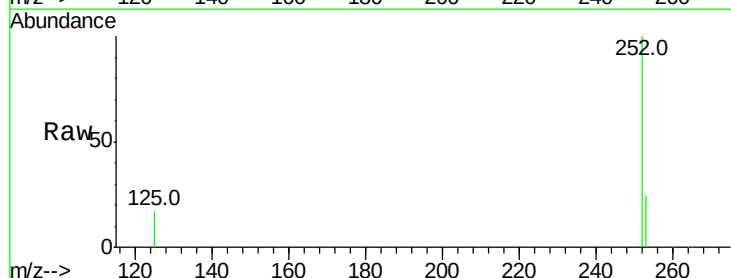
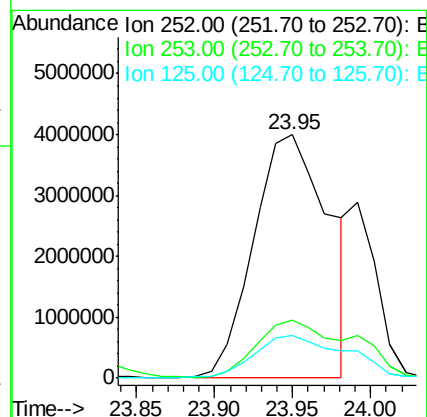
Tgt Ion:252 Resp:13470127

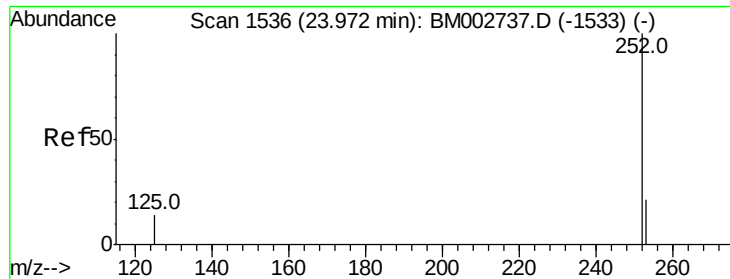
Ion Ratio Lower Upper

252 100

253 24.0 0.0 48.0

125 17.4 0.0 36.6





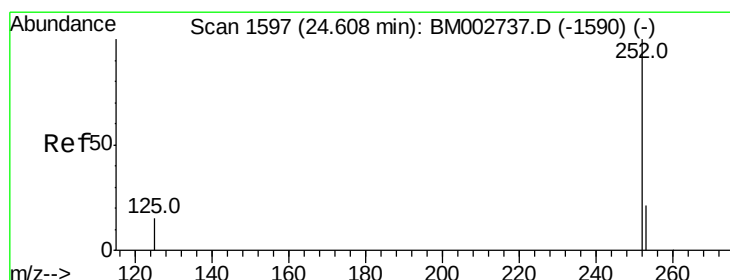
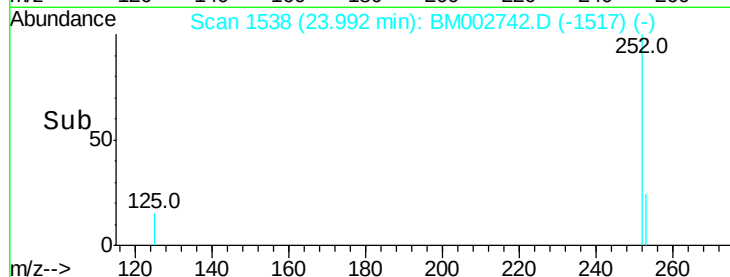
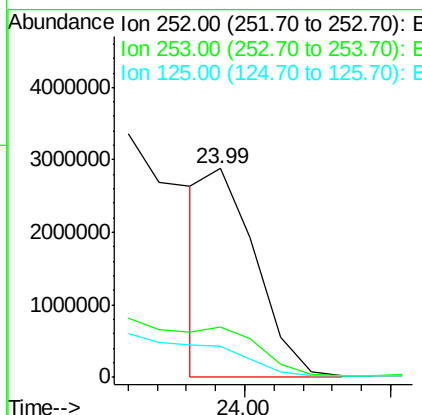
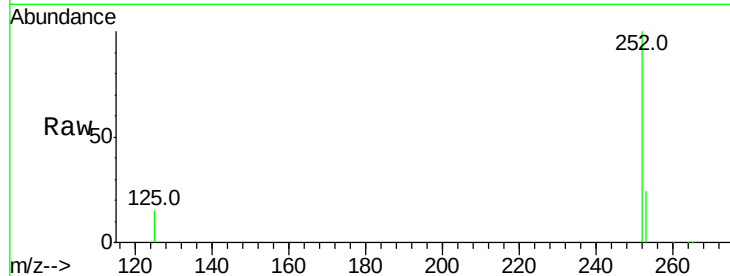
#24
Benzo(k)fluoranthene
Concen: 18.00 ng/ul m
RT: 23.99 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Instrument :
BNA_M
ClientSampleId :
D9G75

Tot Ion:252 Resp: 3414674
Ion Ratio Lower Upper
252 100
253 24.2 20.8 31.2
125 15.2 12.2 18.4

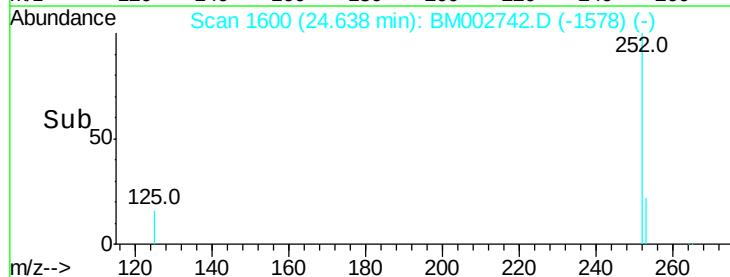
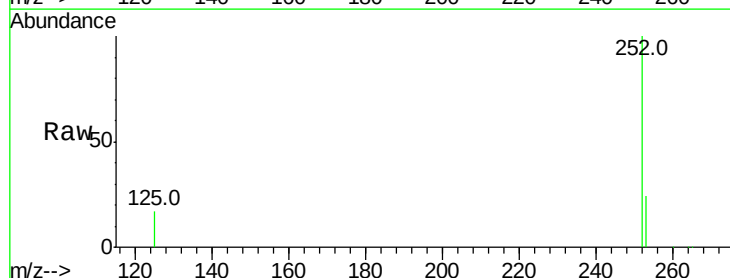
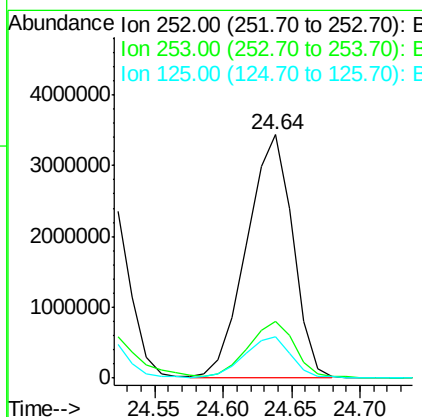
Manual Integrations
APPROVED

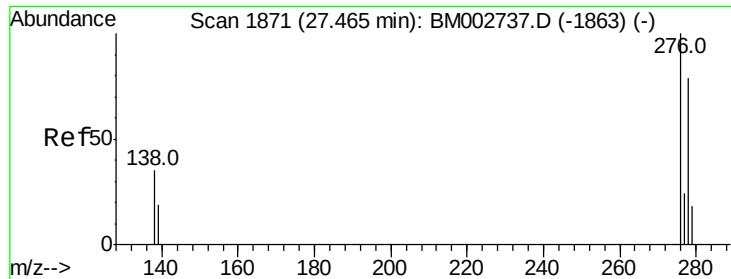
MMDadoda
9/29/2015 3:43:26 PM



#25
Benzo(a)pyrene
Concen: 42.55 ng/ul m
RT: 24.64 min Scan# 1600
Delta R.T. 0.03 min
Lab File: BM002742.D
Acq: 28 Sep 2015 20:17

Tgt Ion:252 Resp: 8022313
Ion Ratio Lower Upper
252 100
253 23.5 21.8 32.8
125 17.0 14.5 21.7





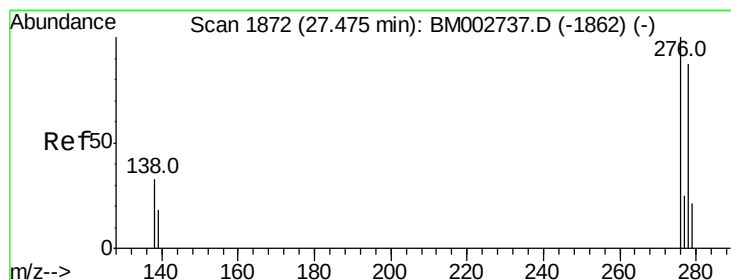
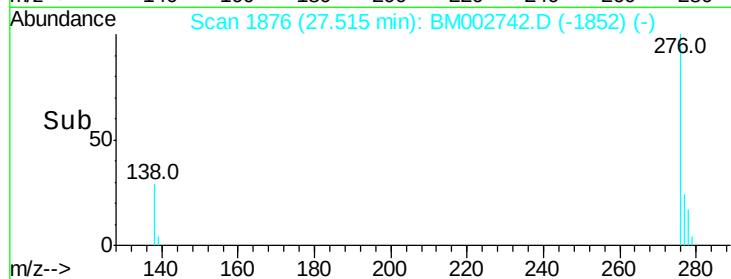
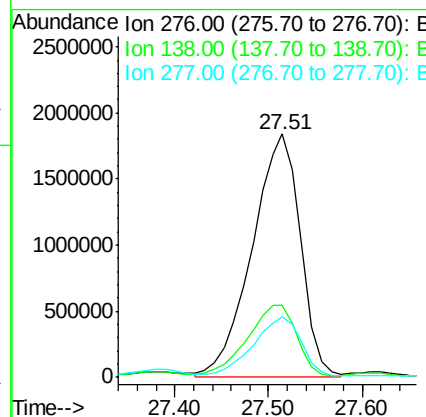
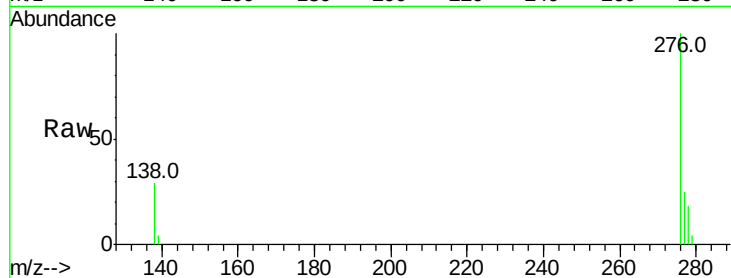
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 31.37 ng/ul m
 RT: 27.51 min Scan# 1876
 Delta R.T. 0.05 min
 Lab File: BM002742.D
 Acq: 28 Sep 2015 20:17

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Tot Ion:276 Resp: 6596071
 Ion Ratio Lower Upper
 276 100
 138 0.7 27.5 41.3#
 277 1.0 19.3 28.9#

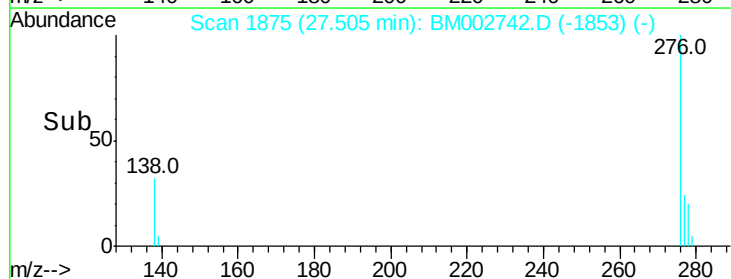
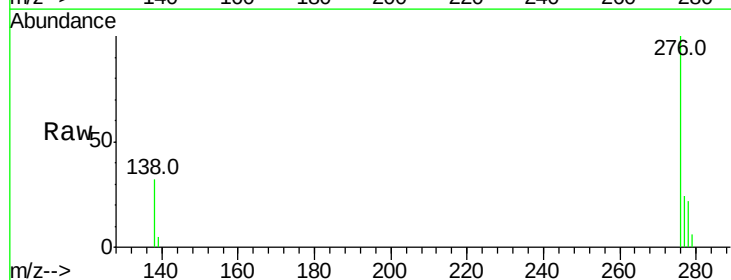
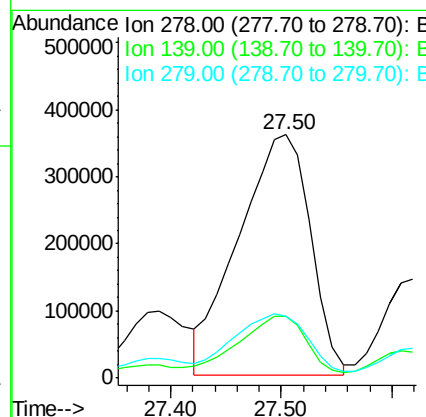
Manual Integrations
 APPROVED

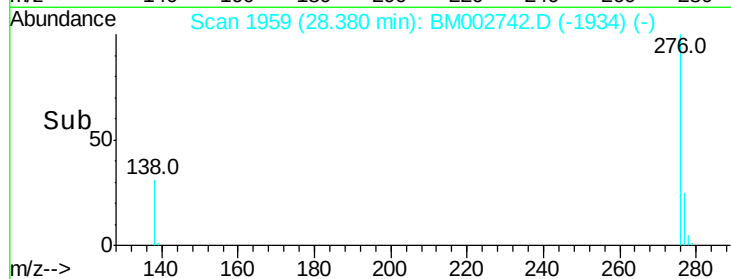
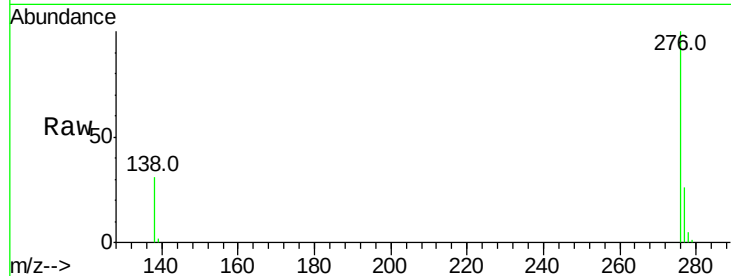
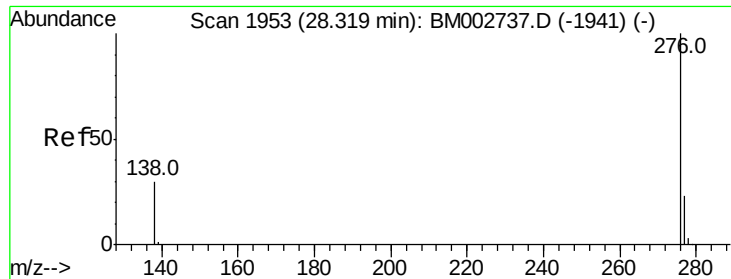
MMDadoda
 9/29/2015 3:43:26 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 9.39 ng/ul m
 RT: 27.50 min Scan# 1875
 Delta R.T. 0.03 min
 Lab File: BM002742.D
 Acq: 28 Sep 2015 20:17

Tgt Ion:278 Resp: 1619850
 Ion Ratio Lower Upper
 278 100
 139 25.2 21.7 32.5
 279 25.6 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 31.77 ng/ul m

RT: 28.38 min Scan# 1959

Delta R.T. 0.06 min

Lab File: BM002742.D

Acq: 28 Sep 2015 20:17

Tot Ion: 276 Resp: 5664547

Ion Ratio Lower Upper

276 100

277 25.6 21.3 31.9

138 30.9 25.5 38.3

Instrument :

BNA_M

ClientSampleId :

D9G75

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:26 PM

