

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002744.D
 Acq On : 28 Sep 2015 21:30
 Operator : UM/IZ
 Sample : G3798-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G69

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:43:41 PM

Quant Time: Sep 29 07:51:35 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	8862	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	34468	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	18375	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	38689m	0.40	ng/ul	0.02
18) Chrysene-d12	22.13	240	37520	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	36978m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	17055	1.86	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.14	152	5232m	0.10	ng/ul	0.01
16) Fluoranthene-d10	20.01	212	9175	0.10	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	4919	0.05	ng/ul#	95
7) 2-Methylnaphthalene	13.20	142	4212	0.07	ng/ul	100
9) Acenaphthylene	15.06	152	19706	0.21	ng/ul	98
10) Acenaphthene	15.38	153	3135	0.05	ng/ul#	90
11) Fluorene	16.36	166	5198m	0.07	ng/ul	
14) Phenanthrene	18.08	178	26687	0.21	ng/ul	98
15) Anthracene	18.17	178	6220m	0.05	ng/ul	
17) Fluoranthene	20.03	202	58714m	0.43	ng/ul	
19) Pyrene	20.40	202	53105	0.36	ng/ul#	93
20) Benzo(a)anthracene	22.10	228	31589	0.25	ng/ul#	87
21) Chrysene	22.16	228	30086	0.25	ng/ul#	77
23) Benzo(b)fluoranthene	23.93	252	45931m	0.34	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	15076m	0.12	ng/ul	
25) Benzo(a)pyrene	24.62	252	31783m	0.26	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.47	276	23846m	0.17	ng/ul	
28) Benzo(a,h,i)perylene	28.34	276	20619m	0.18	ng/ul	

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

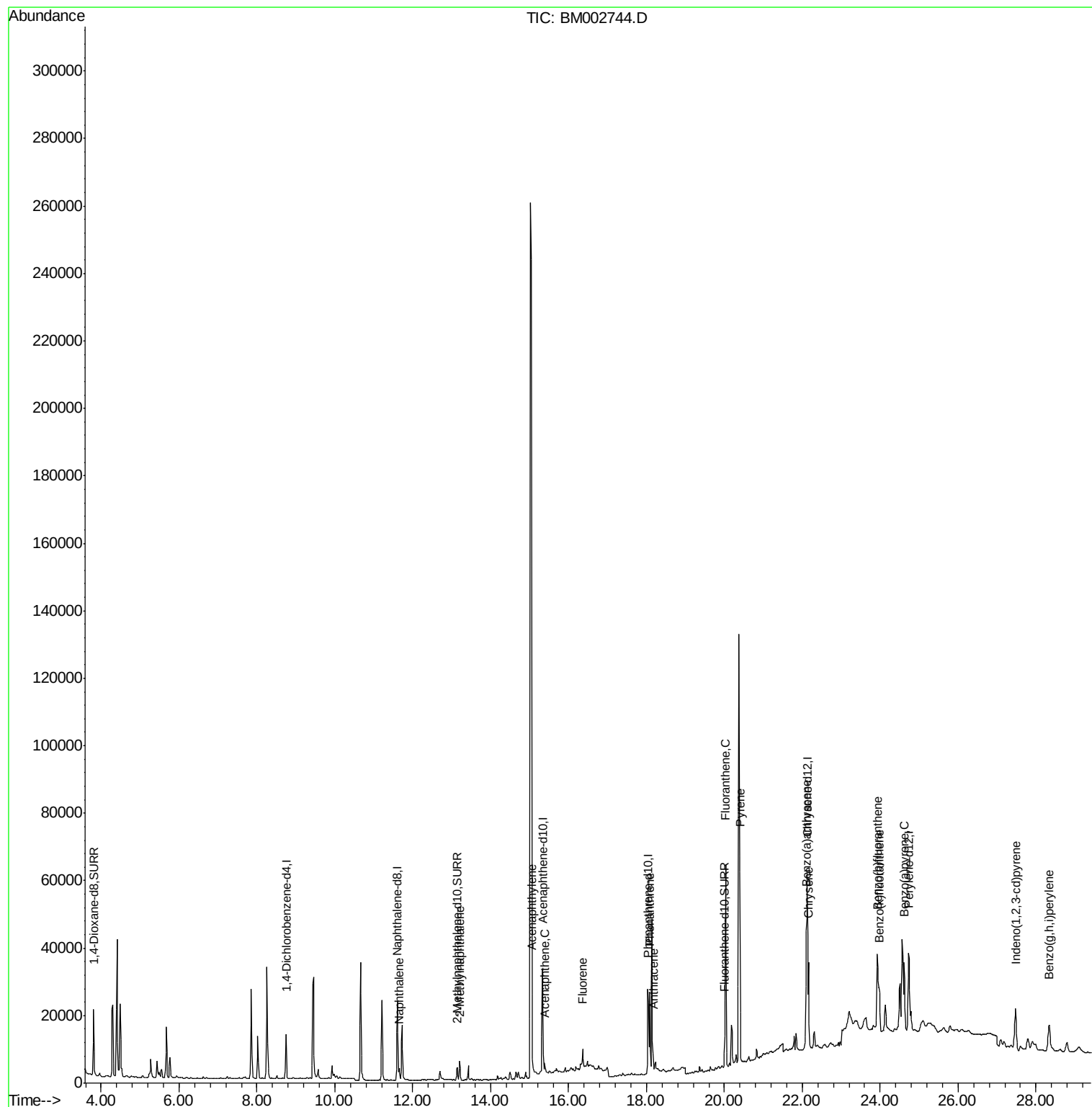
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002744.D
Acq On : 28 Sep 2015 21:30
Operator : UM/IZ
Sample : G3798-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

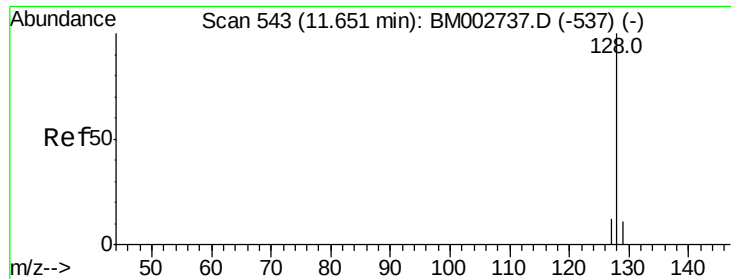
Instrument :
BNA_M
ClientSampleId :
D9G69

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:41 PM

Quant Time: Sep 29 07:51:35 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: 0.05 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002744.D

Acq: 28 Sep 2015 21:30

Instrument :

BNA_M

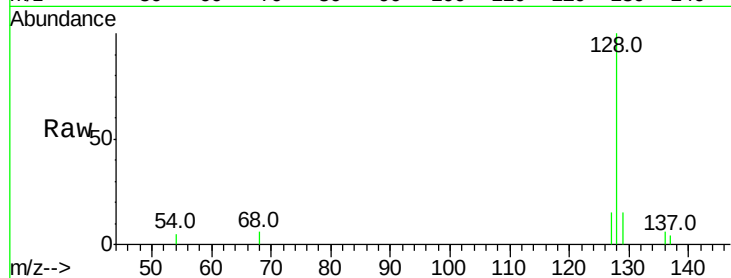
ClientSampleId :

D9G69

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.8	14.8#
127	15.1	10.7	16.1

Manual Integrations
APPROVED

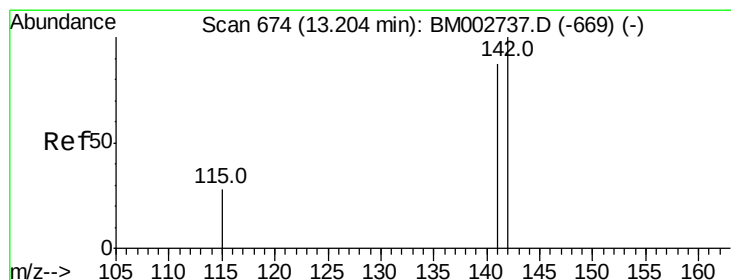
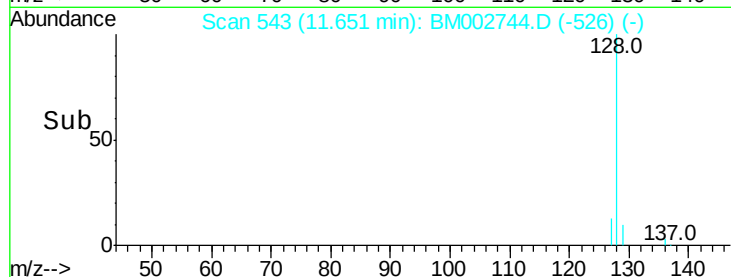
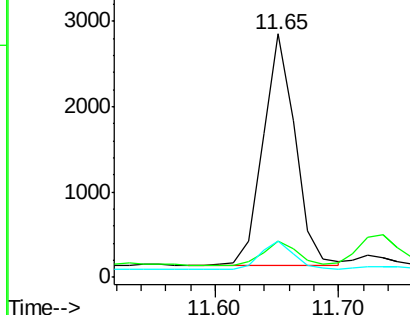
MMDadoda
9/29/2015 3:43:41 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.07 ng/ul

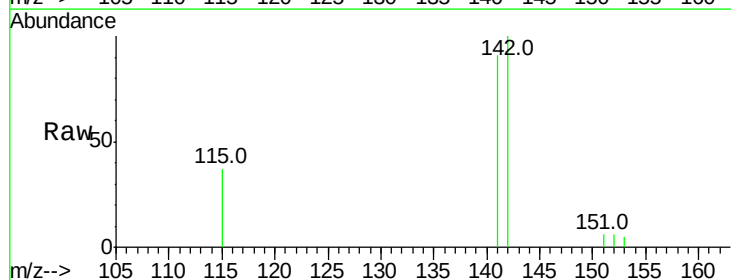
RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002744.D

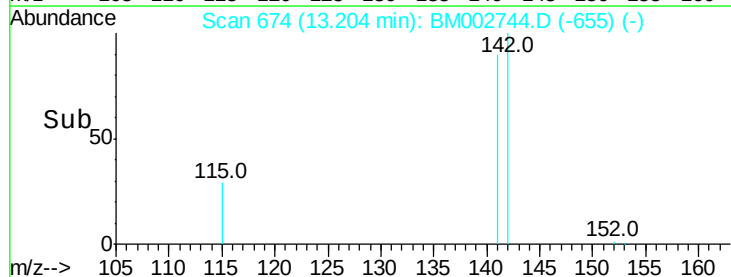
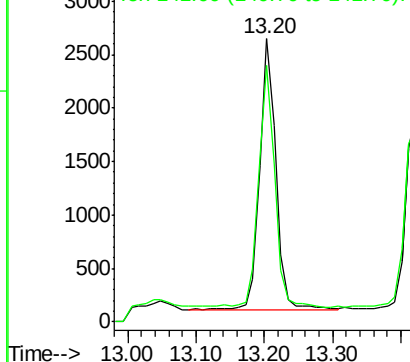
Acq: 28 Sep 2015 21:30

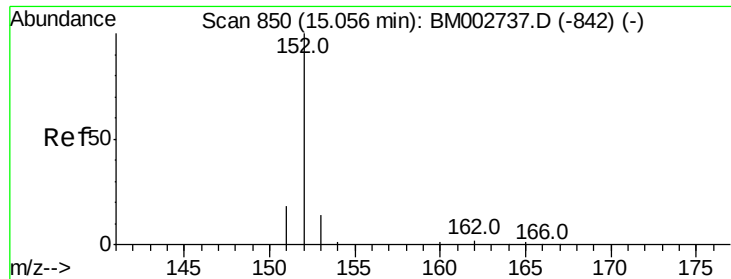
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002744.D

Acq: 28 Sep 2015 21:30

Instrument :

BNA_M

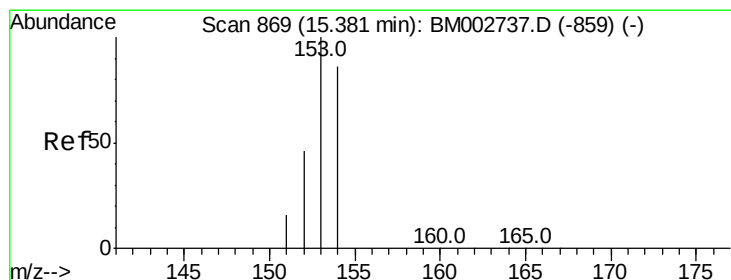
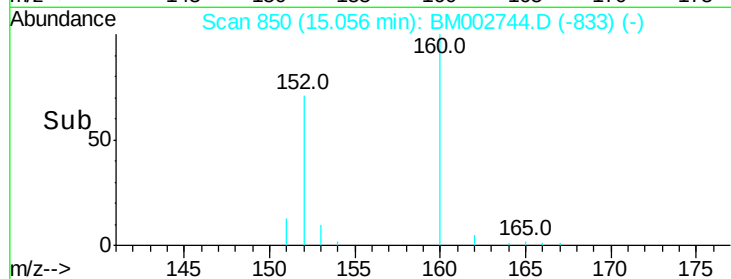
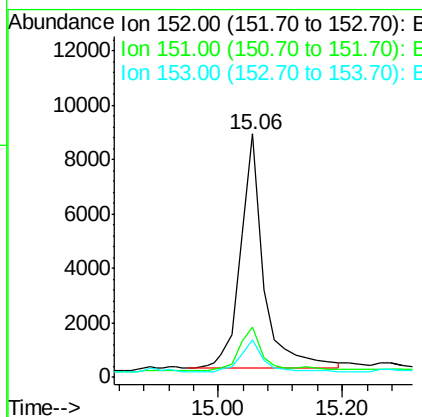
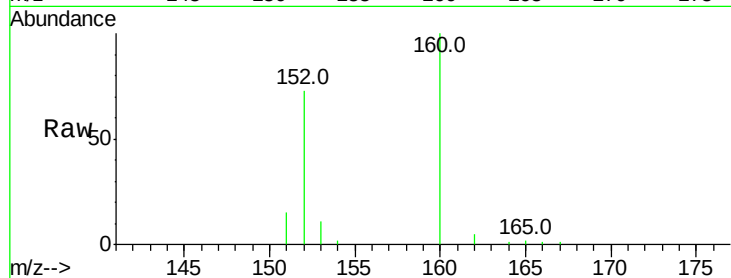
ClientSampleId :

D9G69

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:41 PM

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	15.2	11.3	16.9



#10

Acenaphthene

Concen: 0.05 ng/ul

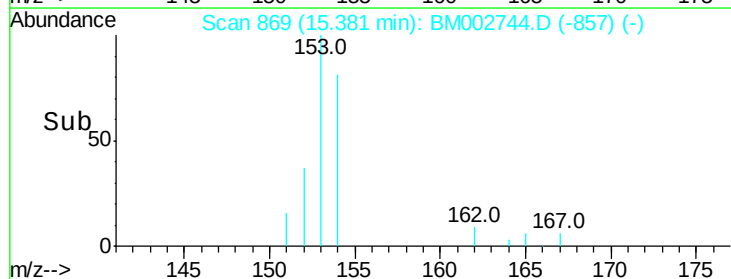
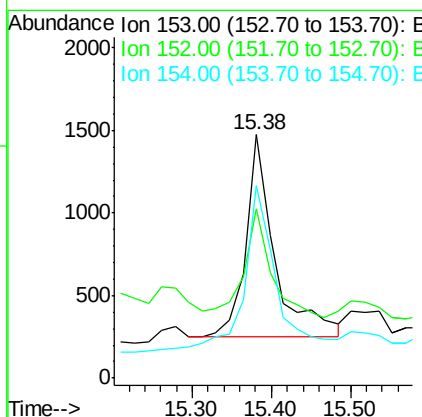
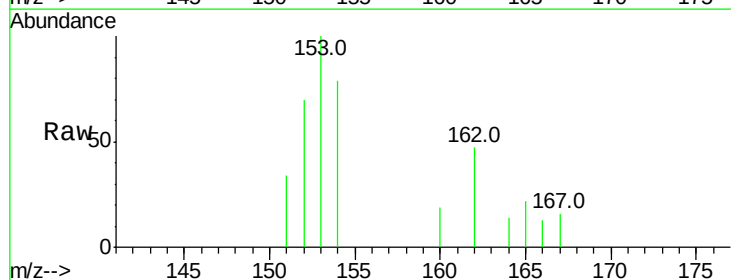
RT: 15.38 min Scan# 869

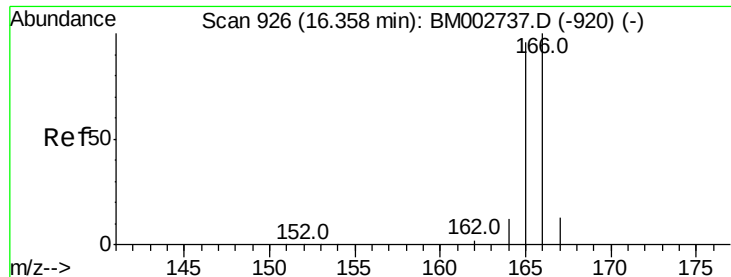
Delta R.T. -0.00 min

Lab File: BM002744.D

Acq: 28 Sep 2015 21:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	69.6	42.3	63.5#
154	79.3	64.7	97.1





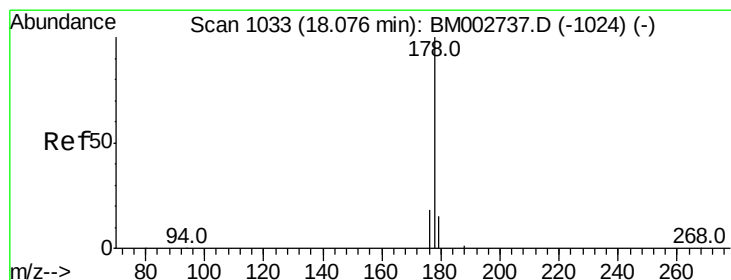
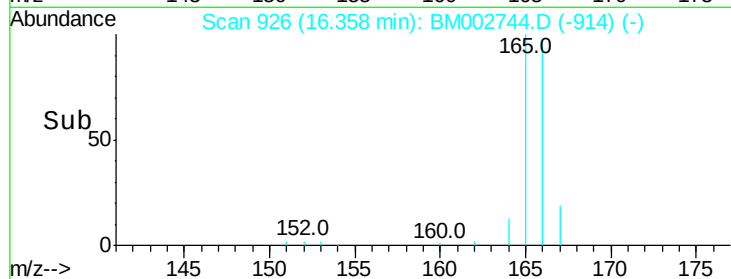
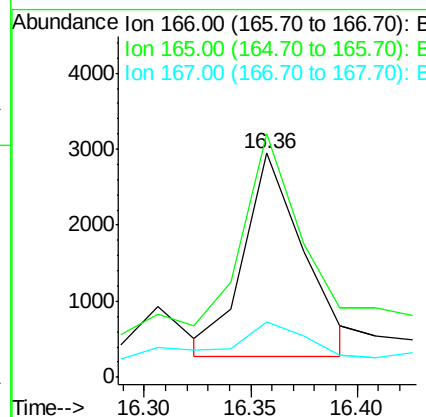
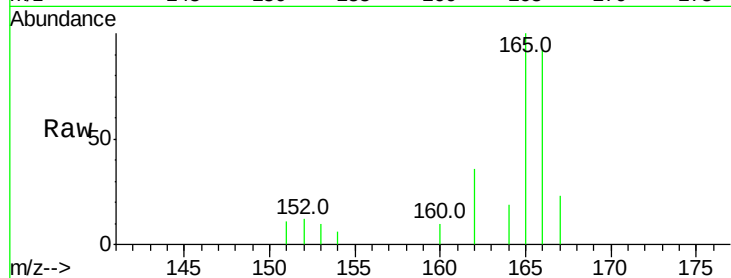
#11
Fluorene
Concen: 0.07 ng/ul m
RT: 16.36 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Instrument :
BNA_M
ClientSampleId :
D9G69

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.8	87.6	131.4
167	24.8	11.1	16.7

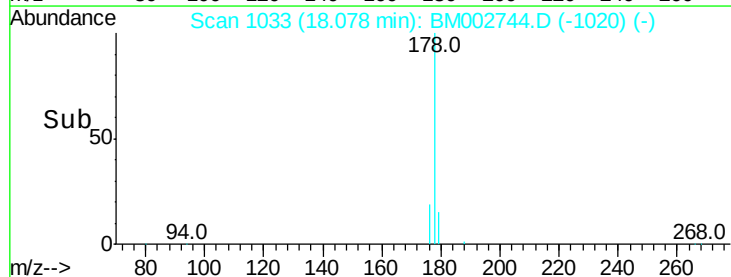
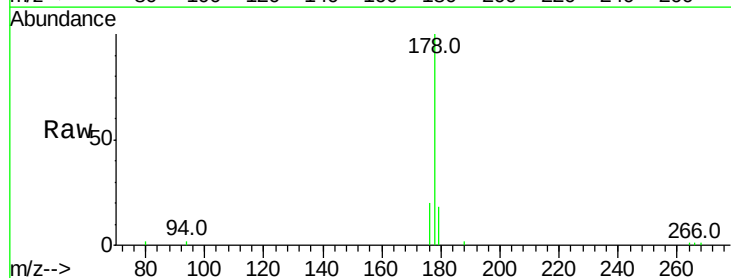
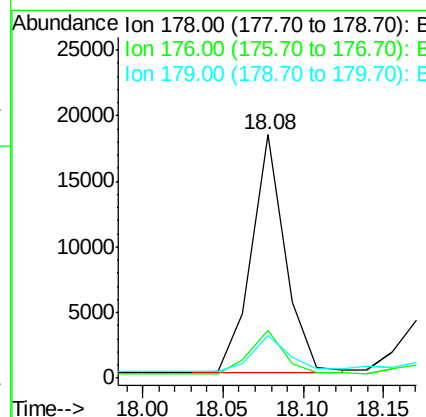
Manual Integrations
APPROVED

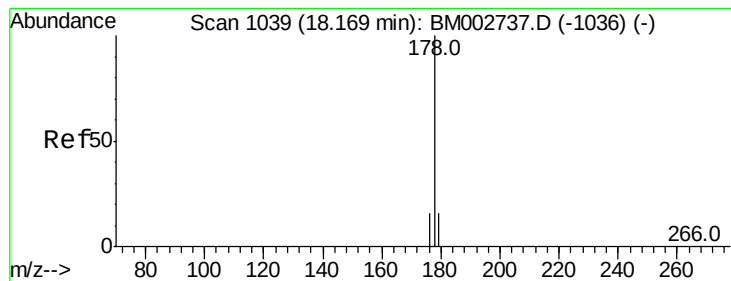
MMDadoda
9/29/2015 3:43:41 PM



#14
Phenanthrene
Concen: 0.21 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	17.5	12.8	19.2





#15

Anthracene

Concen: 0.05 ng/ul m

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002744.D

Acq: 28 Sep 2015 21:30

Instrument :

BNA_M

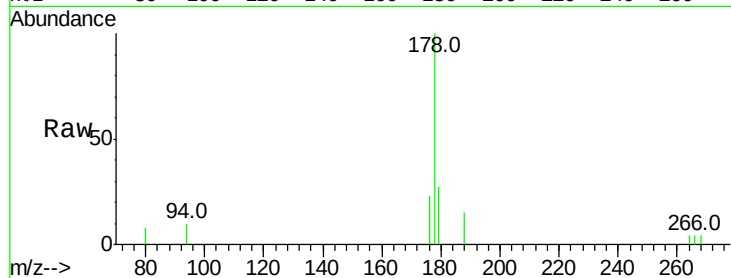
ClientSampleId :

D9G69

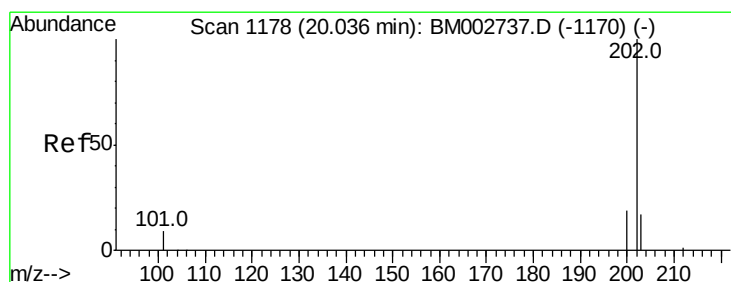
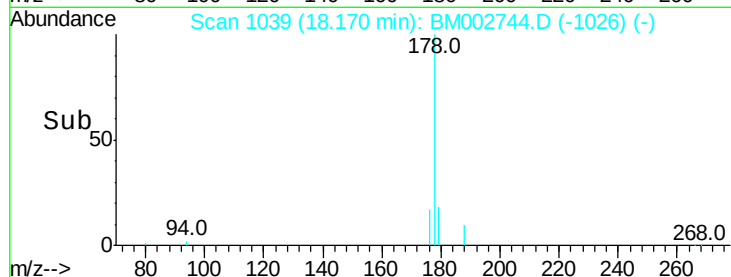
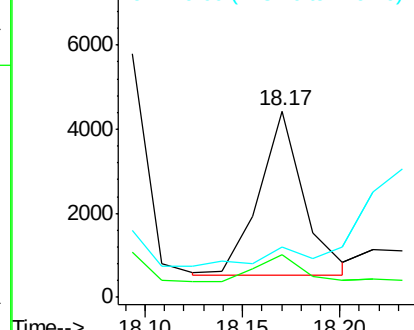
Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:43:41 PM

Tot Ion:	178	Resp:	6220
Ion Ratio	Lower	Upper	
178	100		
176	23.2	15.8	23.8
179	27.2	13.3	19.9#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.43 ng/ul m

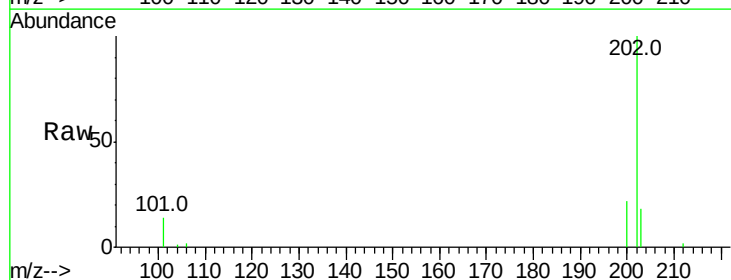
RT: 20.03 min Scan# 1178

Delta R.T. -0.00 min

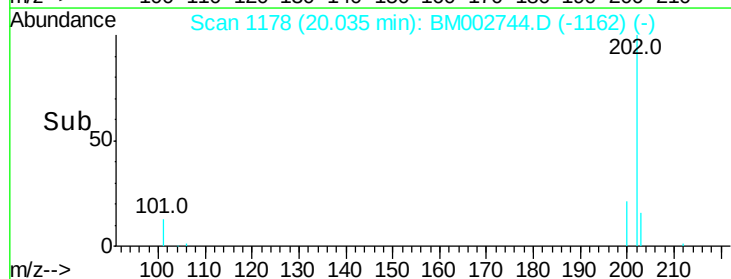
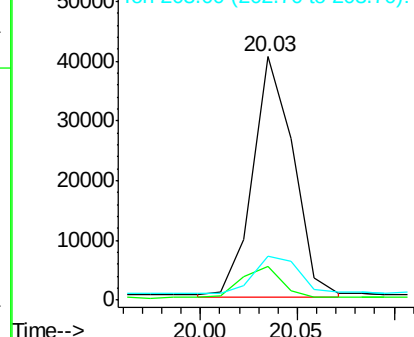
Lab File: BM002744.D

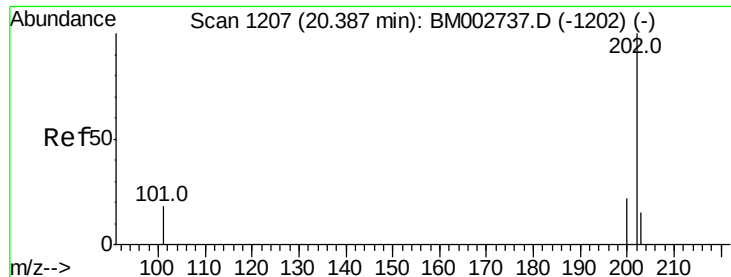
Acq: 28 Sep 2015 21:30

Tgt Ion:	202	Resp:	58714
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.1
203	18.3	0.0	37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





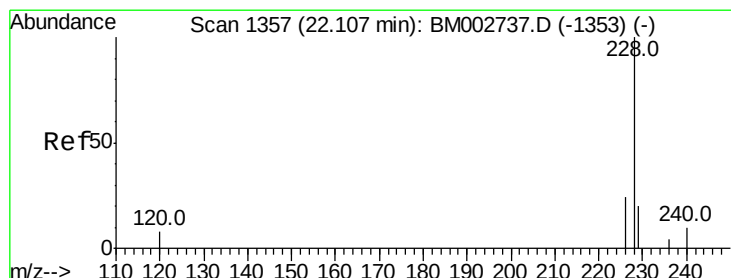
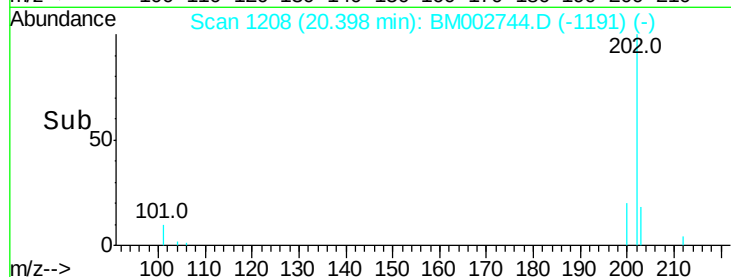
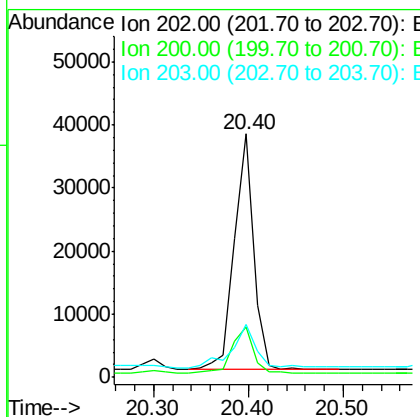
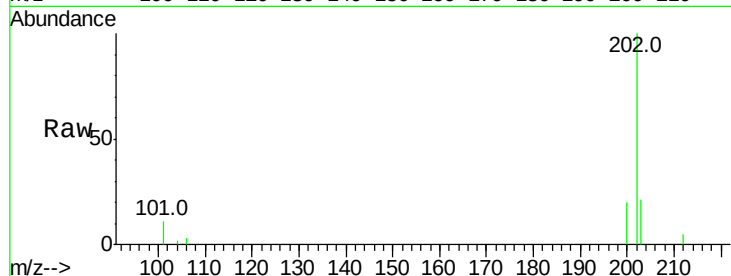
#19
Pvrene
Concen: 0.36 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Instrument :
BNA_M
ClientSampleId :
D9G69

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.0	27.0
203	21.5	13.8	20.6

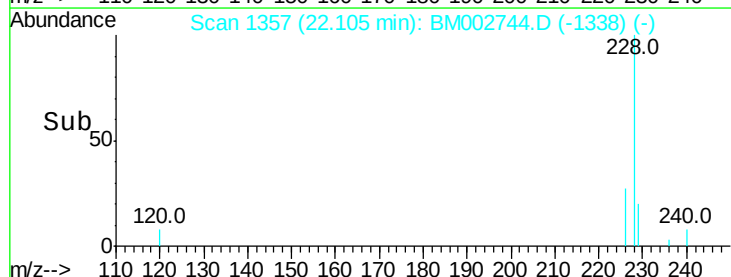
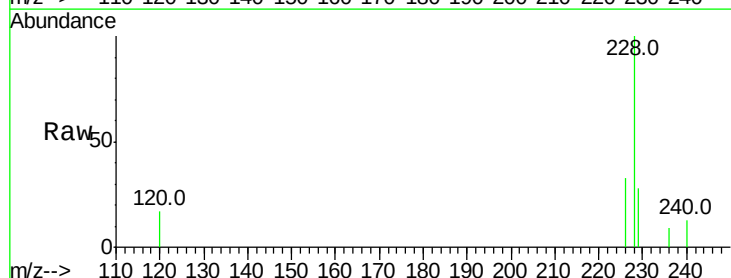
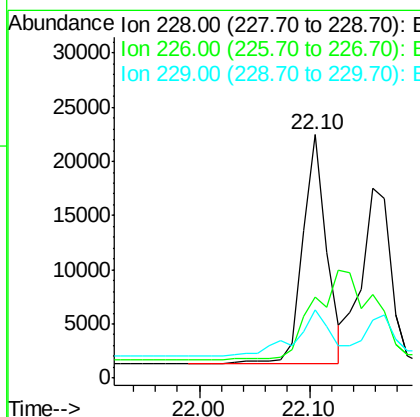
Manual Integrations
APPROVED

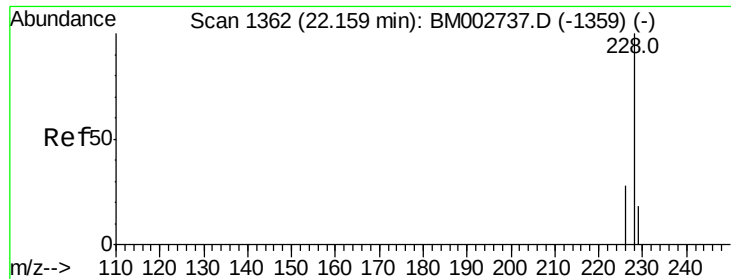
MMDadoda
9/29/2015 3:43:41 PM



#20
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.0	34.4
229	28.3	15.2	22.8





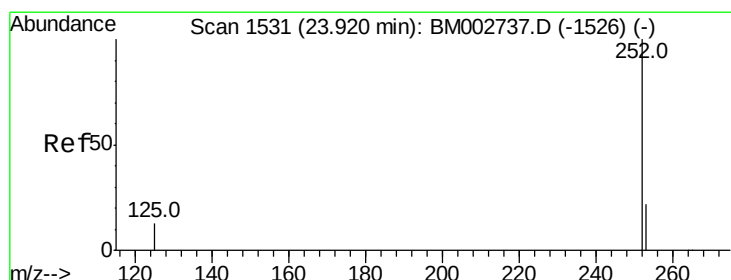
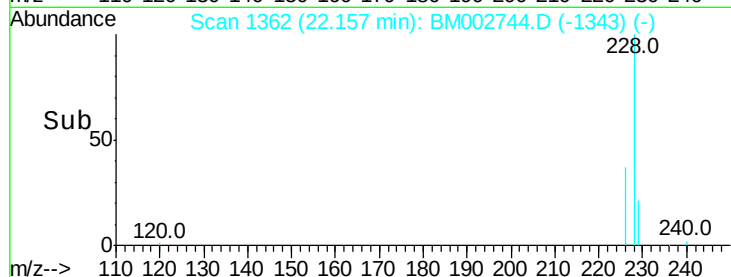
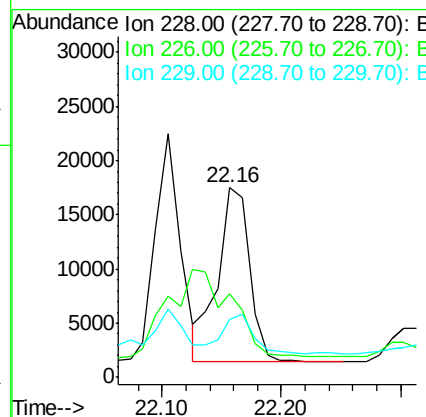
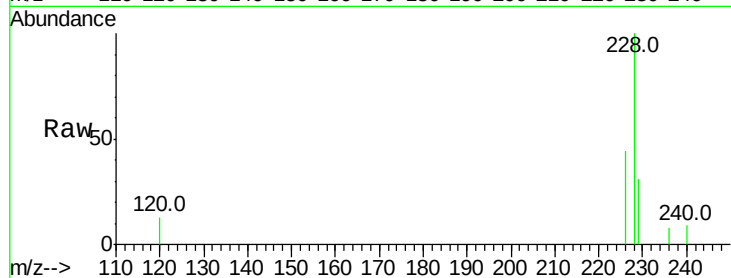
#21
Chrysene
Concen: 0.25 ng/ul
RT: 22.16 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Instrument :
BNA_M
ClientSampleId :
D9G69

Tot Ion	Ratio	Lower	Upper
228	100		
226	44.1	25.7	38.5#
229	30.8	15.2	22.8#

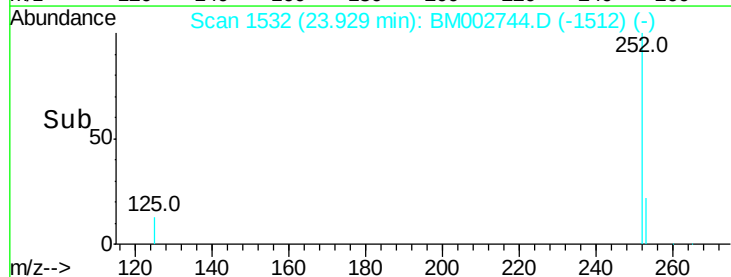
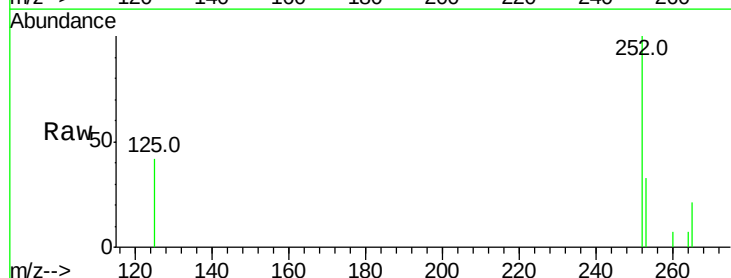
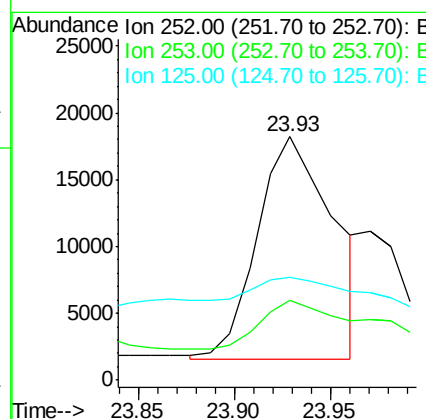
Manual Integrations
APPROVED

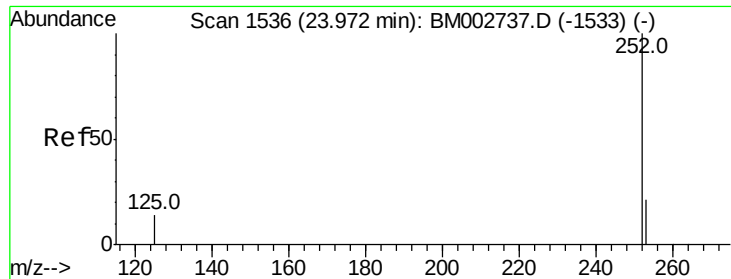
MMDadoda
9/29/2015 3:43:41 PM



#23
Benzo(b)fluoranthene
Concen: 0.34 ng/ul m
RT: 23.93 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	48.0
125	42.4	0.0	36.6#





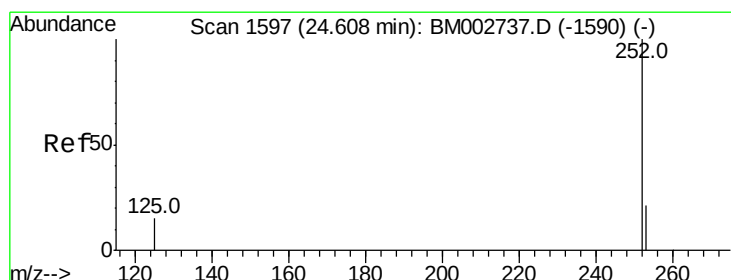
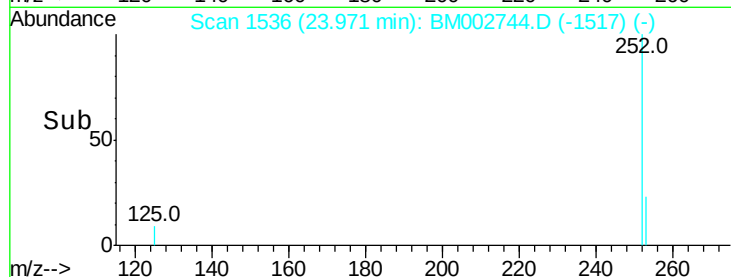
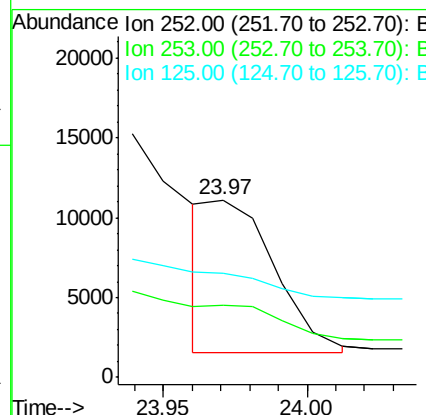
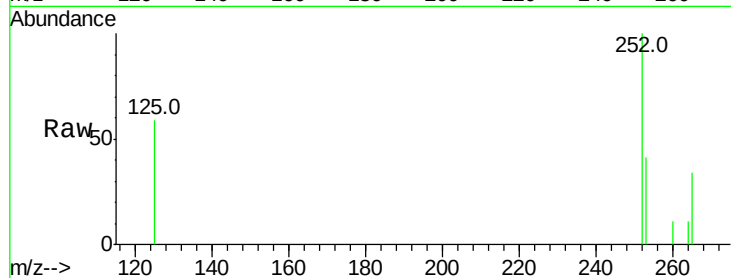
#24
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 23.97 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Instrument :
BNA_M
ClientSampleId :
D9G69

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.6	20.8	31.2#
125	58.5	12.2	18.4#

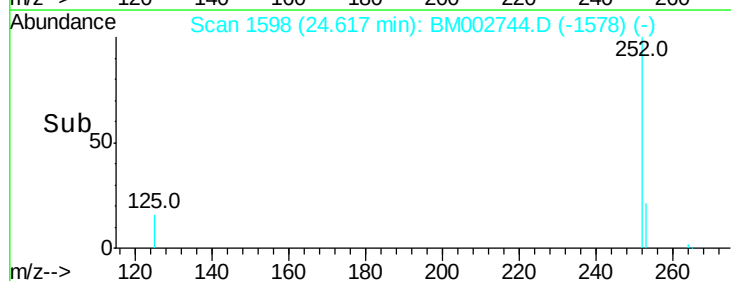
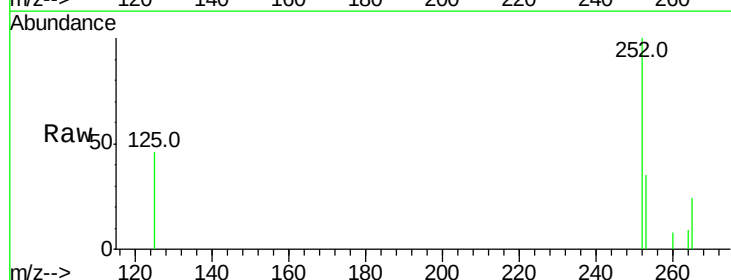
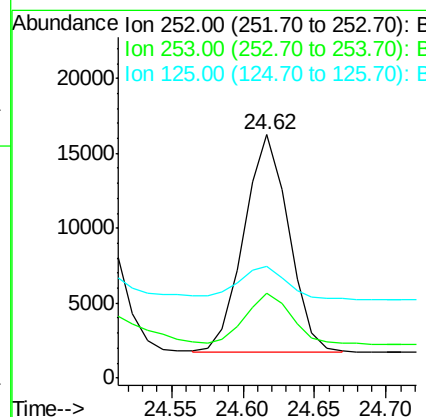
Manual Integrations
APPROVED

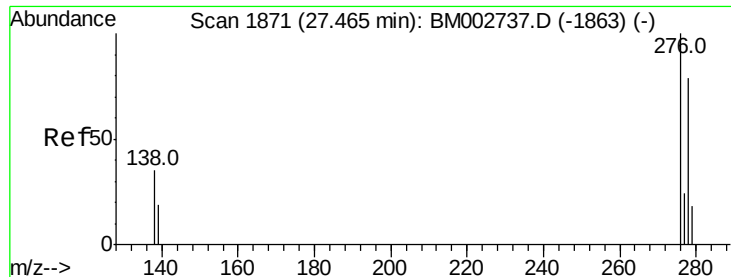
MMDadoda
9/29/2015 3:43:41 PM



#25
Benzo(a)pyrene
Concen: 0.26 ng/ul m
RT: 24.62 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BM002744.D
Acq: 28 Sep 2015 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	21.8	32.8#
125	46.1	14.5	21.7#





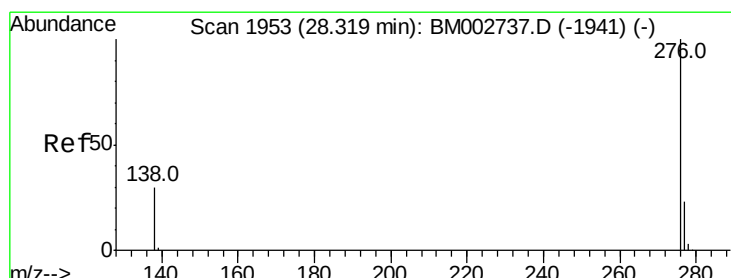
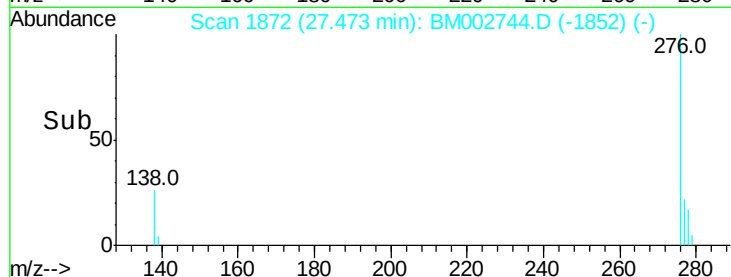
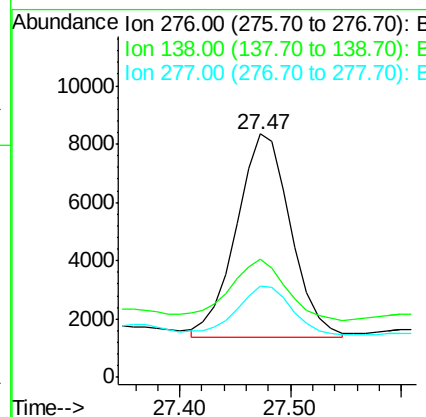
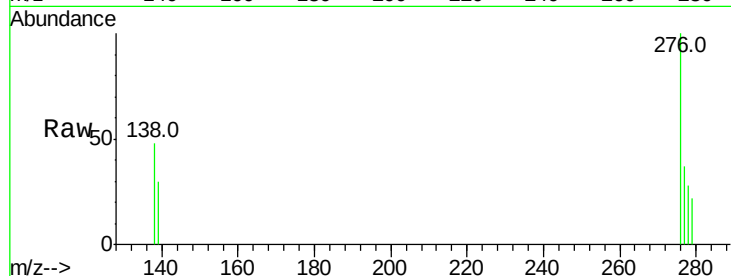
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.17 ng/ul m
 RT: 27.47 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BM002744.D
 Acq: 28 Sep 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 D9G69

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.5	41.3#
277	0.0	19.3	28.9#

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:43:41 PM



#28
 Benzo(g,h,i)perylene
 Concen: 0.18 ng/ul m
 RT: 28.34 min Scan# 1955
 Delta R.T. 0.02 min
 Lab File: BM002744.D
 Acq: 28 Sep 2015 21:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.6	21.3	31.9#
138	52.0	25.5	38.3#

