

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
 Data File : BM003606.D
 Acq On : 17 Dec 2015 19:18
 Operator : UM/IZ
 Sample : G4767-23DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N45DL

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:23:02 PM

Quant Time: Dec 18 04:14:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:41:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2506	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10592	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6028	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	13275m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	10245	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	9537	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2773	2.59	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	1022	0.08	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	1907	0.07	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.55	128	129214	5.42	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	9972	0.62	ng/ul	100
9) Acenaphthylene	14.07	152	1009	0.04	ng/ul#	80
10) Acenaphthene	14.42	153	7310	0.39	ng/ul	96
11) Fluorene	15.41	166	7579	0.37	ng/ul	94
14) Phenanthrene	17.14	178	34722	1.01	ng/ul	97
15) Anthracene	17.23	178	3040	0.10	ng/ul#	91
17) Fluoranthene	19.17	202	16815	0.45	ng/ul	97
19) Pyrene	19.53	202	13177	0.48	ng/ul	97
20) Benzo(a)anthracene	21.28	228	2073	0.08	ng/ul#	90
21) Chrysene	21.34	228	2025m	0.07	ng/ul	

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

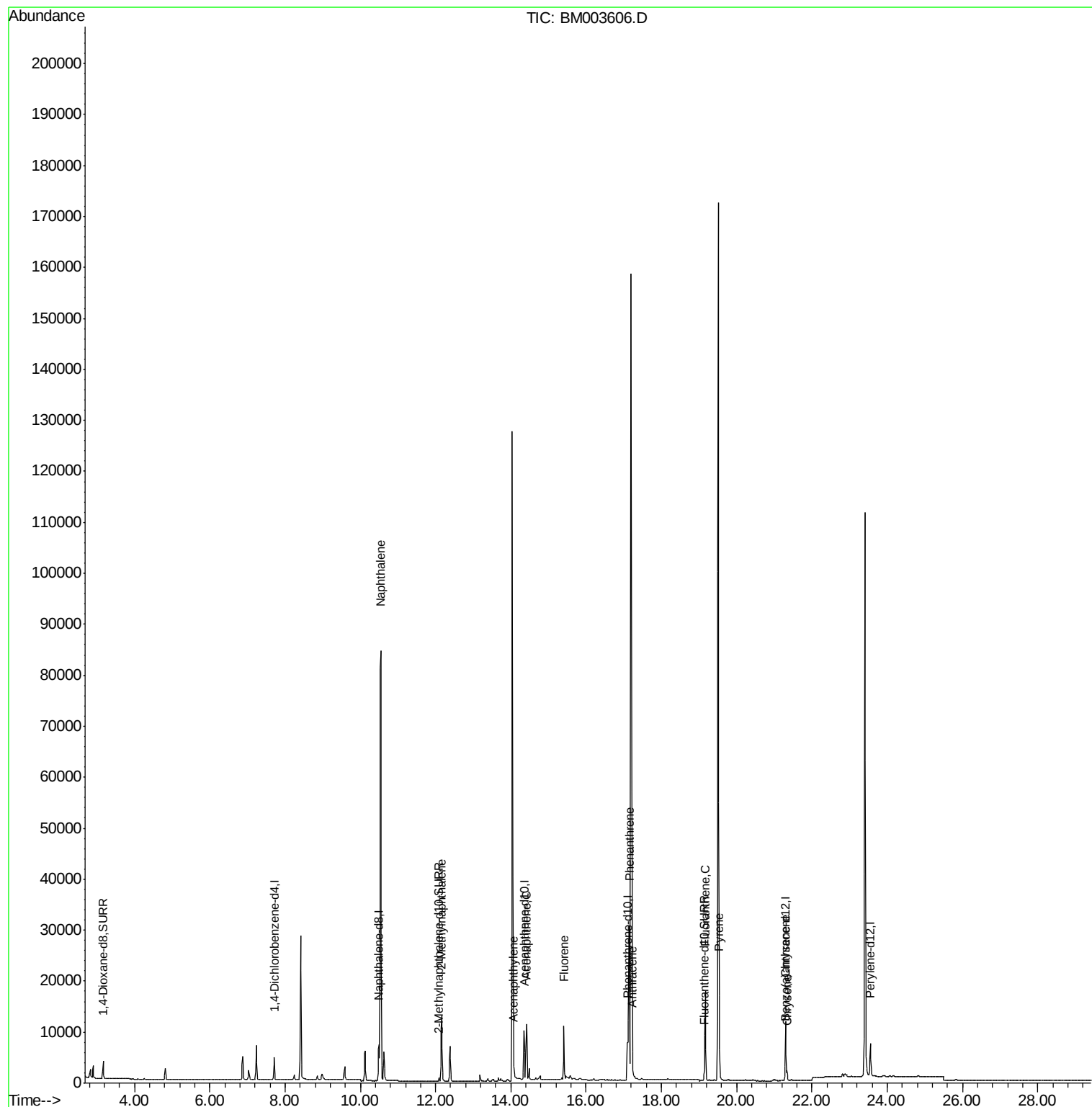
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
Data File : BM003606.D
Acq On : 17 Dec 2015 19:18
Operator : UM/IZ
Sample : G4767-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

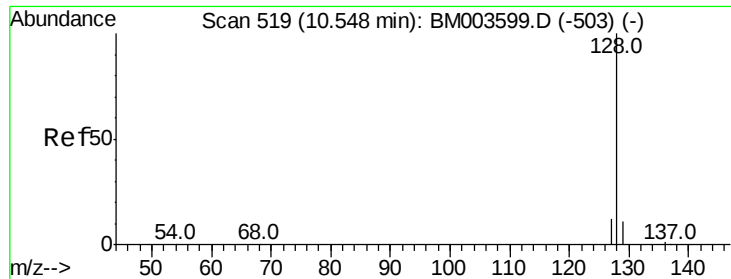
Instrument :
BNA_M
ClientSampleId :
D9N45DL

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:23:02 PM

Quant Time: Dec 18 04:14:55 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:41:46 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 5.42 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003606.D

Acq: 17 Dec 2015 19:18

Instrument :

BNA_M

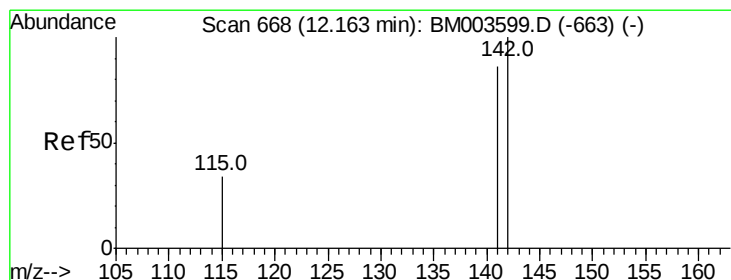
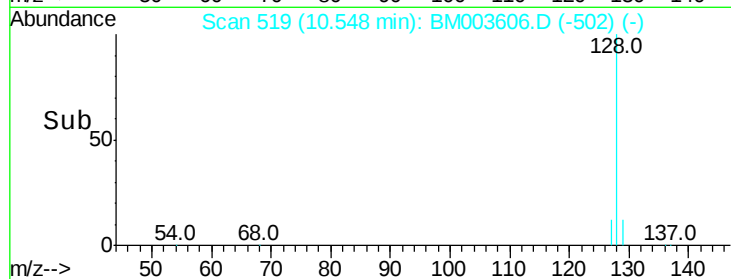
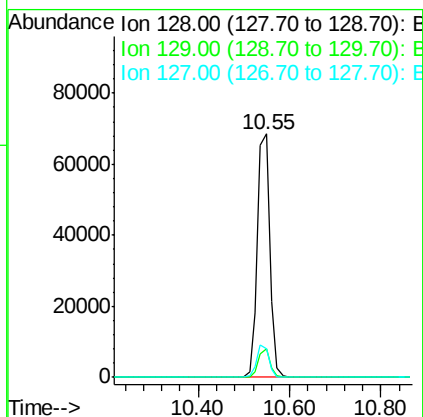
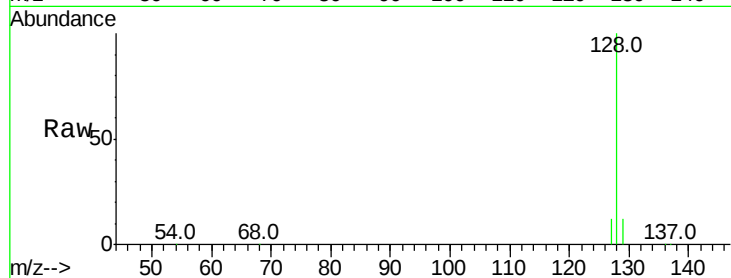
ClientSampleId :

D9N45DL

Tot Ion:	128	Resp:	129214
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.6
127	11.7	9.6	14.4

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:23:02 PM



#7

2-Methylnaphthalene

Concen: 0.62 ng/ul

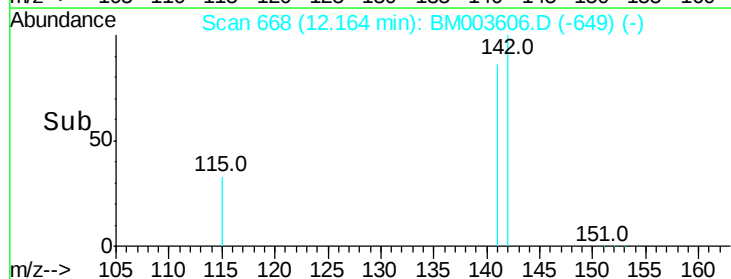
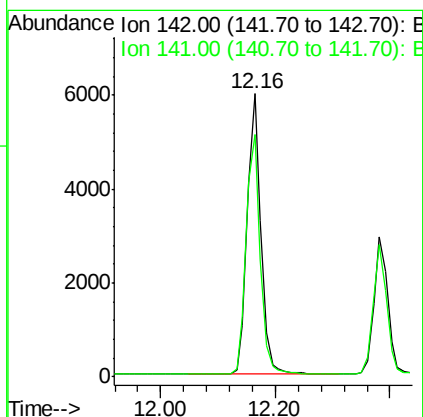
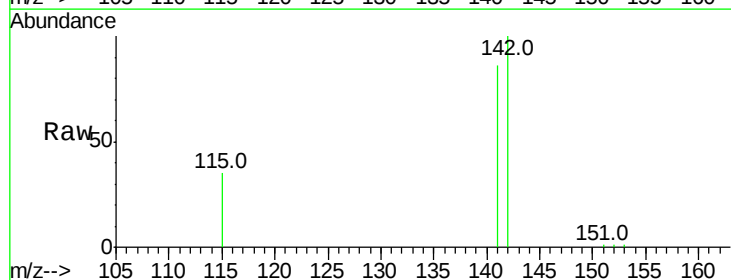
RT: 12.16 min Scan# 668

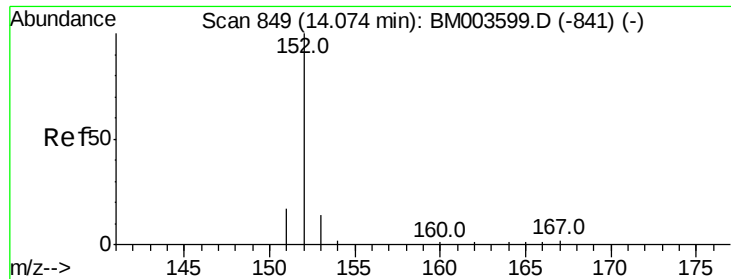
Delta R.T. 0.00 min

Lab File: BM003606.D

Acq: 17 Dec 2015 19:18

Tgt Ion:	142	Resp:	9972
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.3	105.5





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM003606.D

Acq: 17 Dec 2015 19:18

Instrument :

BNA_M

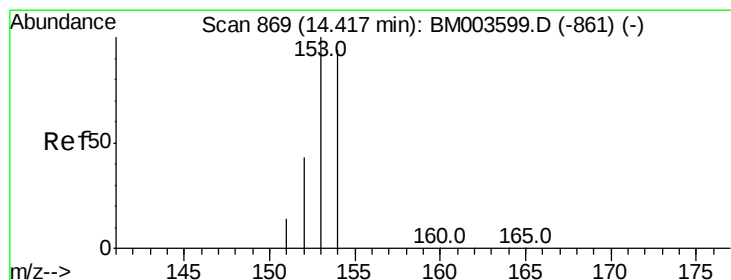
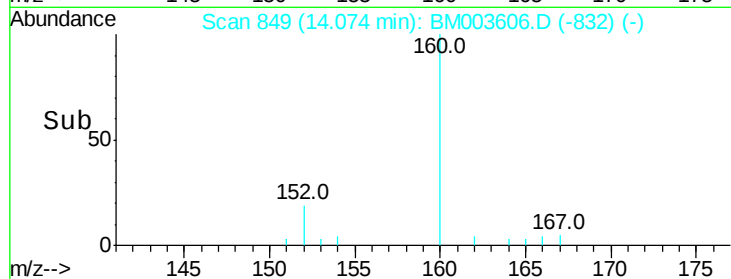
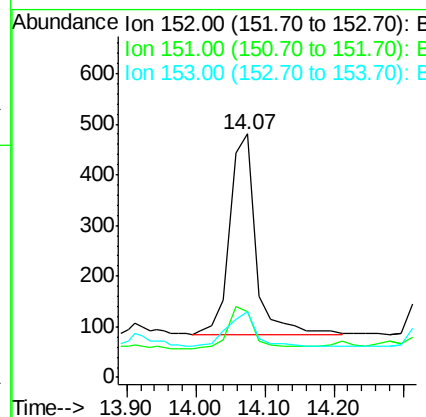
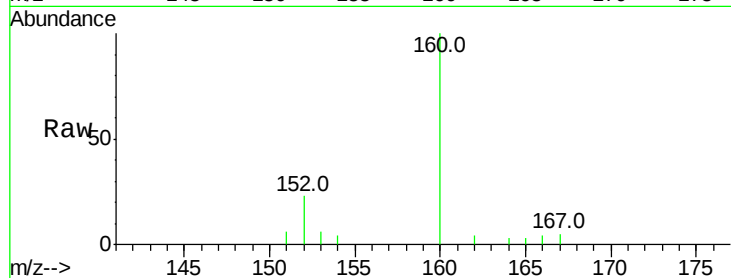
ClientSampleId :

D9N45DL

Tot Ion:	152	Resp:	1009
Ion Ratio	Lower	Upper	
152	100		
151	26.8	17.6	26.4#
153	27.0	9.7	14.5#

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:23:02 PM



#10

Acenaphthene

Concen: 0.39 ng/ul

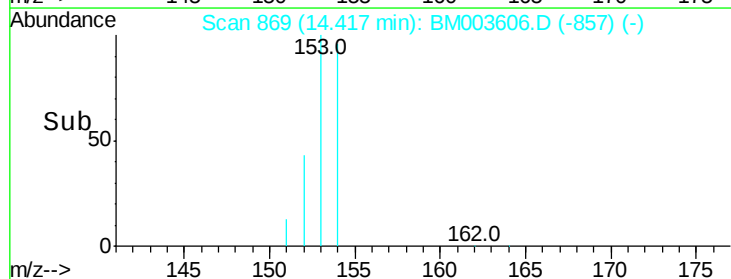
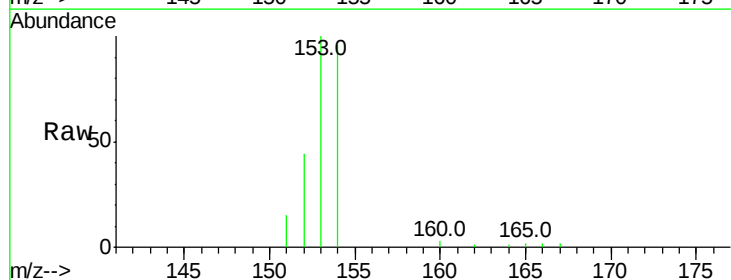
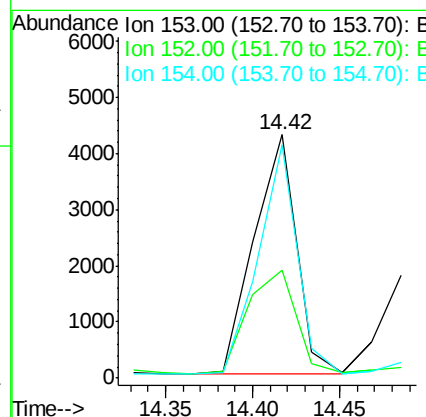
RT: 14.42 min Scan# 869

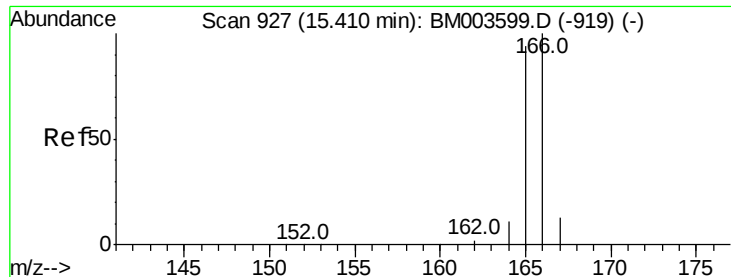
Delta R.T. 0.00 min

Lab File: BM003606.D

Acq: 17 Dec 2015 19:18

Tgt Ion:	153	Resp:	7310
Ion Ratio	Lower	Upper	
153	100		
152	44.3	33.9	50.9
154	95.7	80.6	121.0





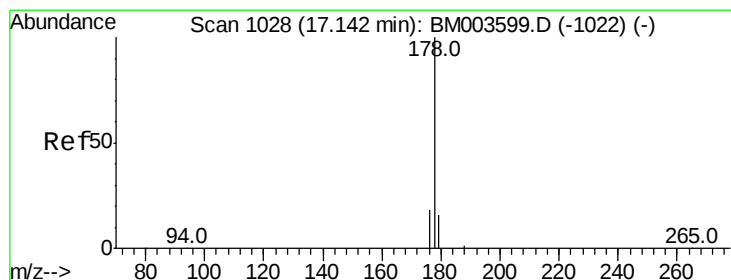
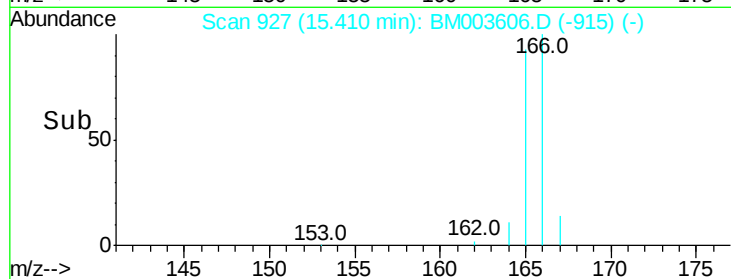
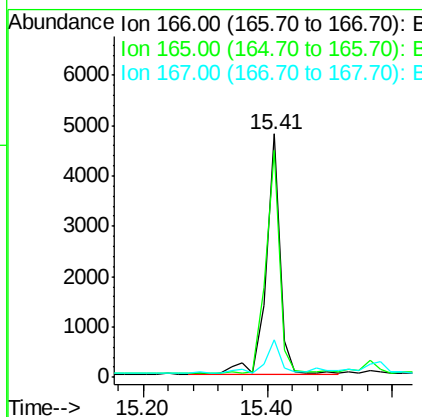
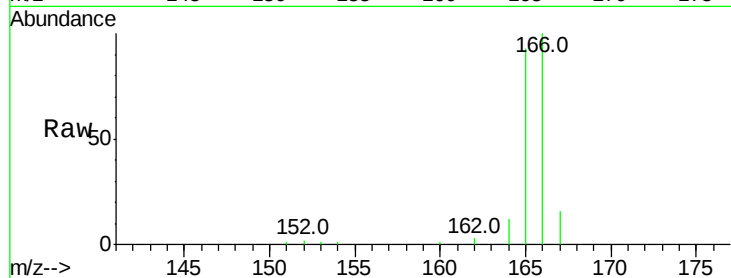
#11
Fluorene
Concen: 0.37 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003606.D
Acq: 17 Dec 2015 19:18

Instrument :
BNA_M
ClientSampleId :
D9N45DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.5	69.6	104.4
167	15.5	11.9	17.9

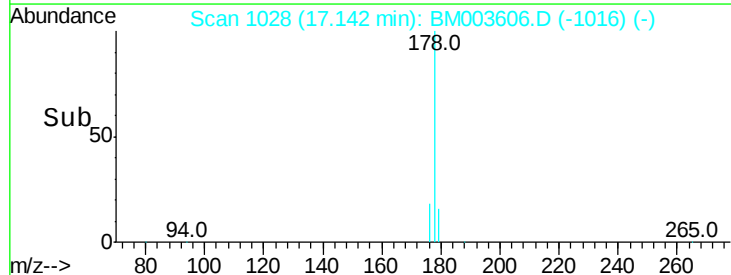
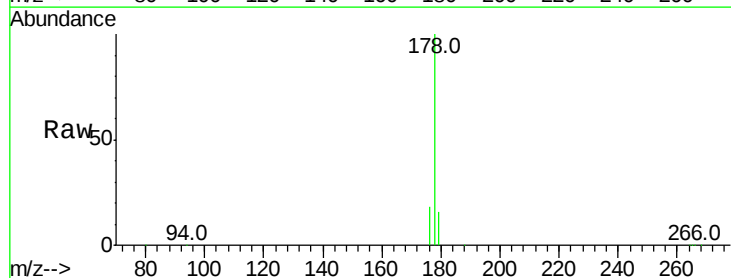
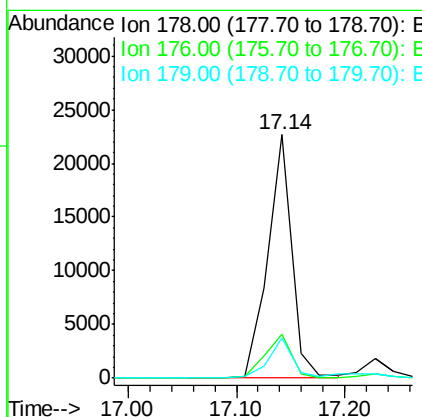
Manual Integrations
APPROVED

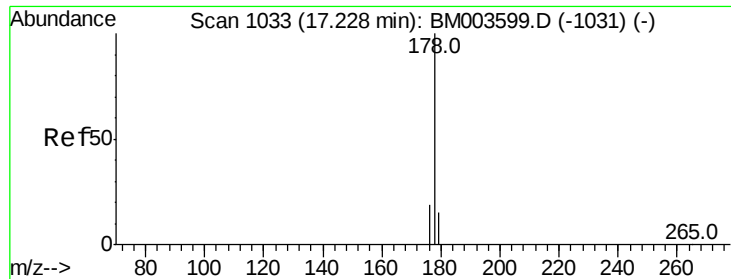
MMdadoda
12/18/2015 6:23:02 PM



#14
Phenanthrene
Concen: 1.01 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BM003606.D
Acq: 17 Dec 2015 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	13.0	19.4
179	16.4	14.2	21.2





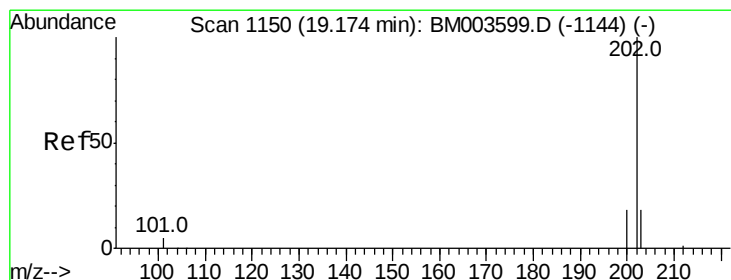
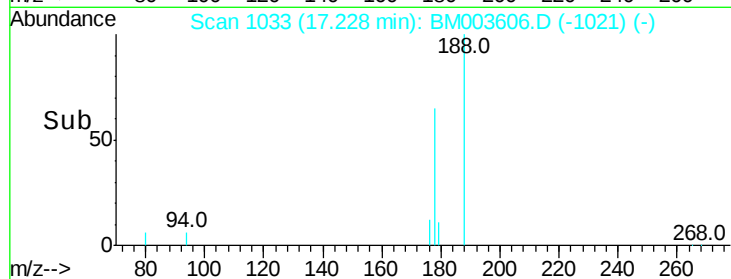
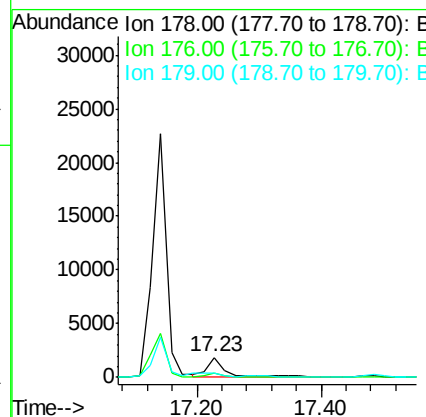
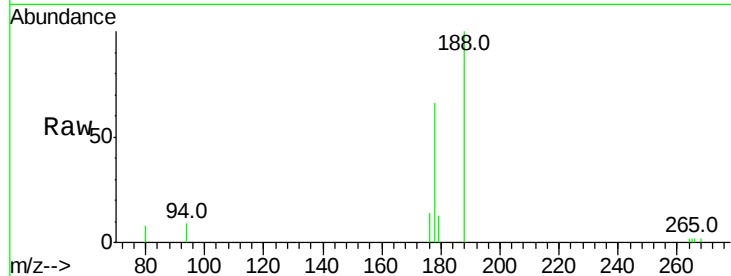
#15
 Anthracene
 Concen: 0.10 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM003606.D
 Acq: 17 Dec 2015 19:18

Instrument :
 BNA_M
 ClientSampleId :
 D9N45DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	14.0	21.0#
179	19.8	12.9	19.3#

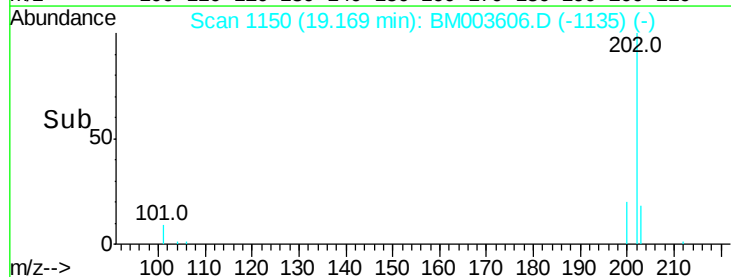
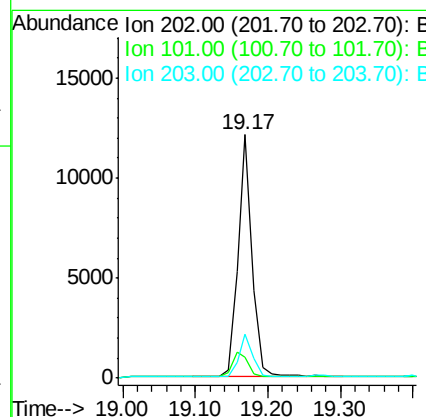
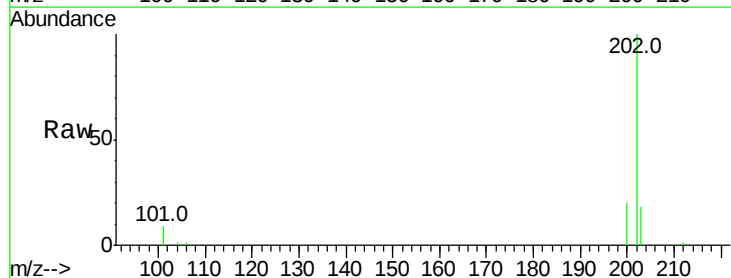
Manual Integrations
 APPROVED

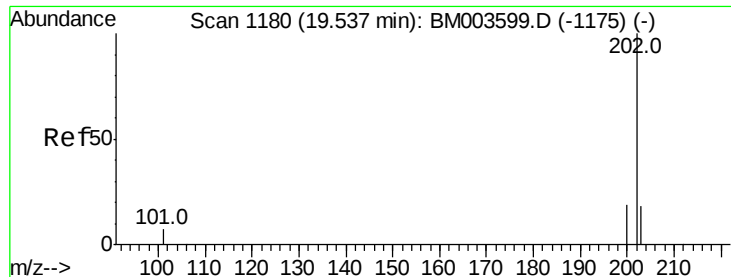
MMdadoda
 12/18/2015 6:23:02 PM



#17
 Fluoranthene
 Concen: 0.45 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BM003606.D
 Acq: 17 Dec 2015 19:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.6
203	17.9	0.0	36.3





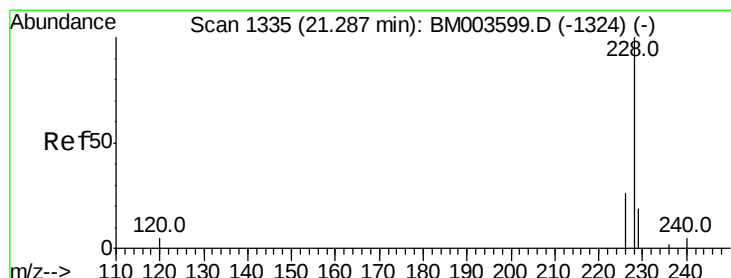
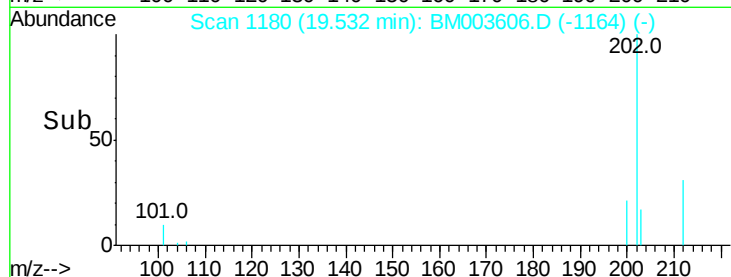
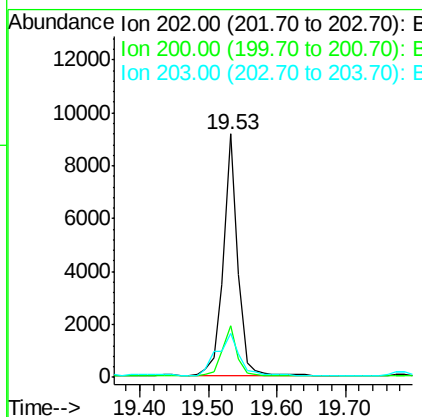
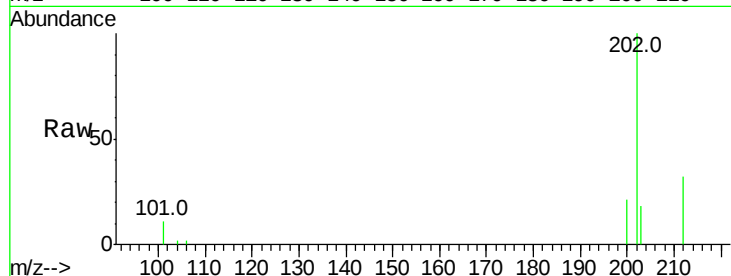
#19
Pvrene
Concen: 0.48 ng/ul
RT: 19.53 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BM003606.D
Acq: 17 Dec 2015 19:18

Instrument :
BNA_M
ClientSampleId :
D9N45DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.8
203	18.1	12.8	19.2

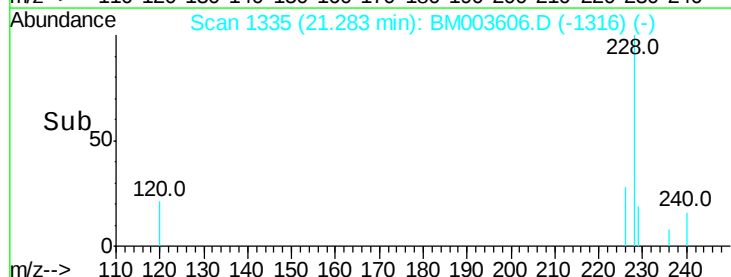
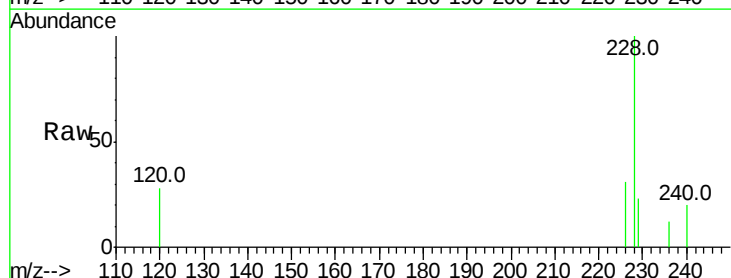
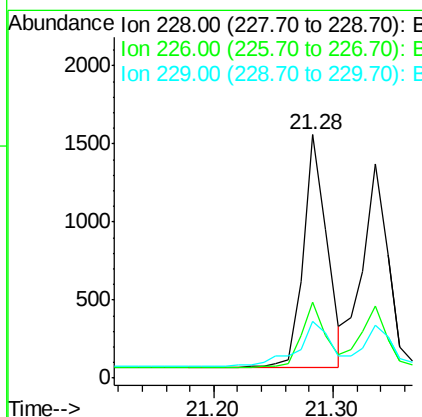
Manual Integrations
APPROVED

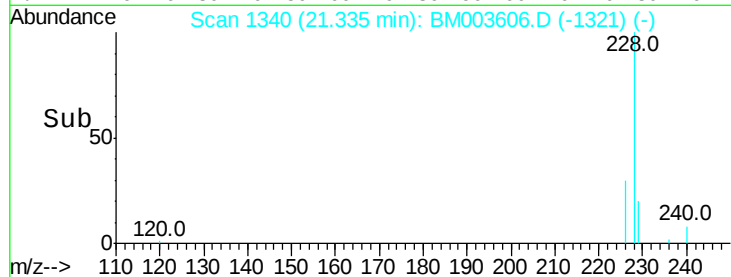
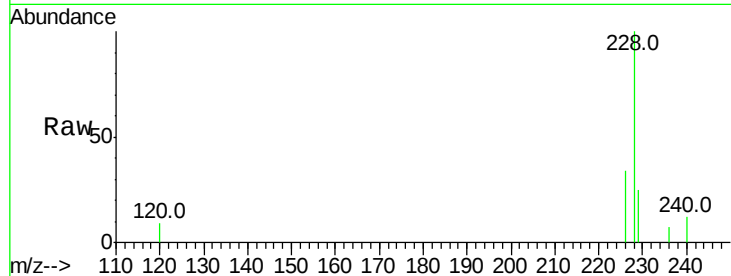
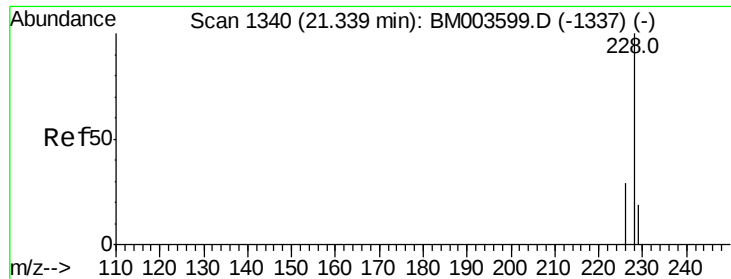
MMdadoda
12/18/2015 6:23:02 PM



#20
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003606.D
Acq: 17 Dec 2015 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	18.8	28.2#
229	23.2	17.1	25.7





#21

Chrysene

Concen: 0.07 ng/ul m

RT: 21.34 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM003606.D

Acq: 17 Dec 2015 19:18

Tot Ion:	228	Resp:	2025
Ion Ratio	Lower	Upper	
228	100		
226	33.6	21.2	31.8#
229	24.9	17.0	25.6

Instrument :

BNA_M

ClientSampleId :

D9N45DL

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:23:02 PM

