

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
 Data File : BM003598.D
 Acq On : 17 Dec 2015 14:26
 Operator : UM/IZ
 Sample : G4767-24
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N46

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:22:55 PM

Quant Time: Dec 18 00:43:11 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 00:27:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2737	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10979	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6175	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	12767m	0.40	ng/ul	0.02
18) Chrysene-d12	21.31	240	12531	0.40	ng/ul	0.00
22) Perylene-d12	23.55	264	13012m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	13646	11.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	3772	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	7709	0.28	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.55	128	43267	1.75	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	8483	0.51	ng/ul	99
9) Acenaphthylene	14.07	152	2579	0.11	ng/ul#	91
10) Acenaphthene	14.42	153	14422	0.76	ng/ul	95
11) Fluorene	15.41	166	16937	0.80	ng/ul	93
14) Phenanthrene	17.14	178	74910	2.27	ng/ul	96
15) Anthracene	17.23	178	6096	0.21	ng/ul	94
17) Fluoranthene	19.17	202	36454	1.02	ng/ul	93
19) Pyrene	19.54	202	25526	0.75	ng/ul	94
20) Benzo(a)anthracene	21.29	228	4850	0.16	ng/ul#	93
21) Chrysene	21.34	228	4174m	0.12	ng/ul	

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

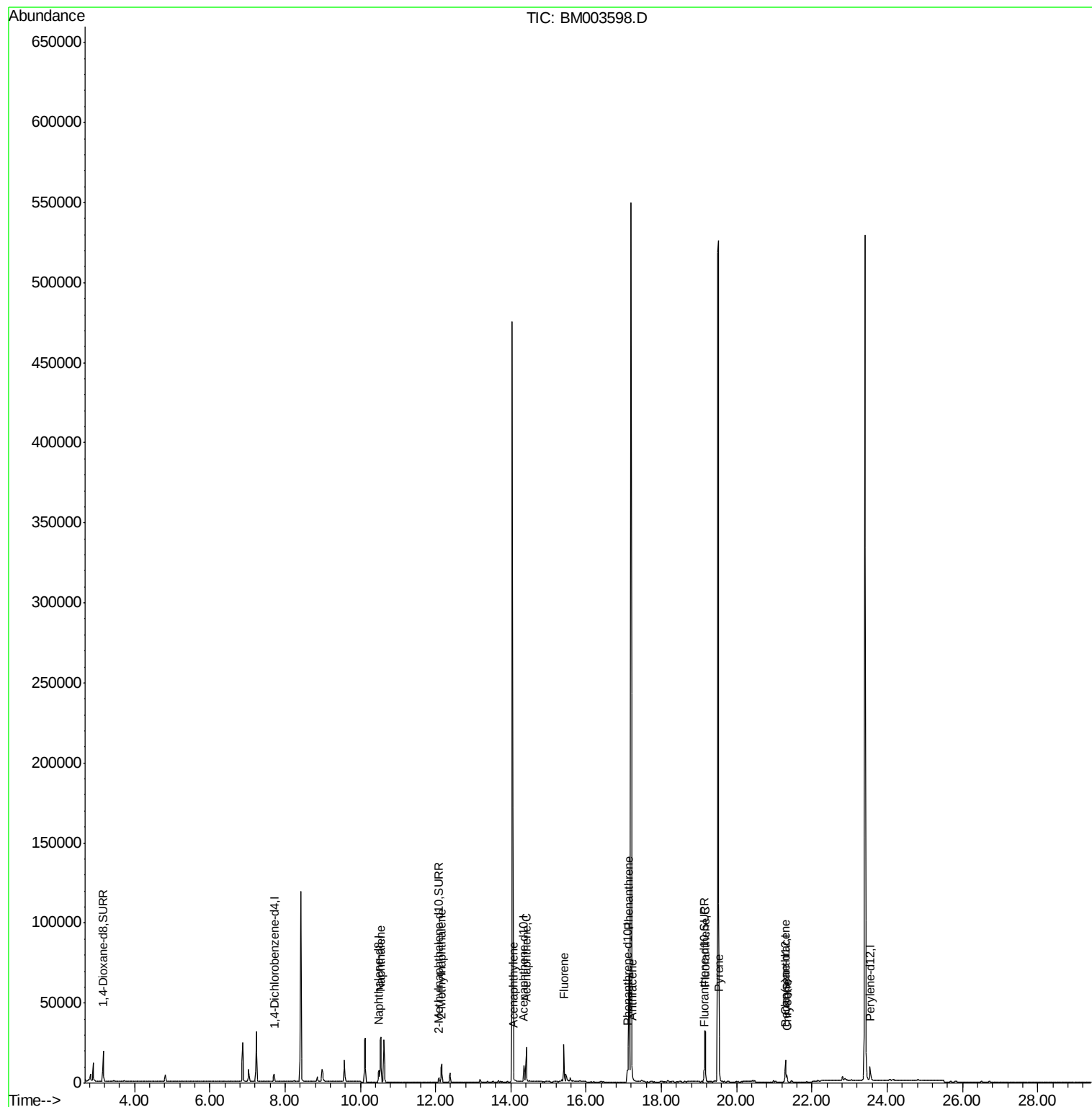
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
Data File : BM003598.D
Acq On : 17 Dec 2015 14:26
Operator : UM/IZ
Sample : G4767-24
Misc :
ALS Vial : 27 Sample Multiplier: 1

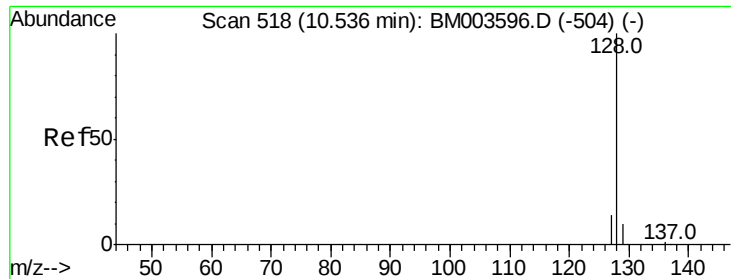
Instrument :
BNA_M
ClientSampleId :
D9N46

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:22:55 PM

Quant Time: Dec 18 00:43:11 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 00:27:21 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 1.75 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.01 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

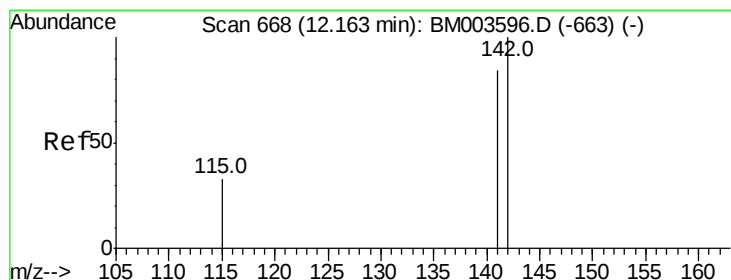
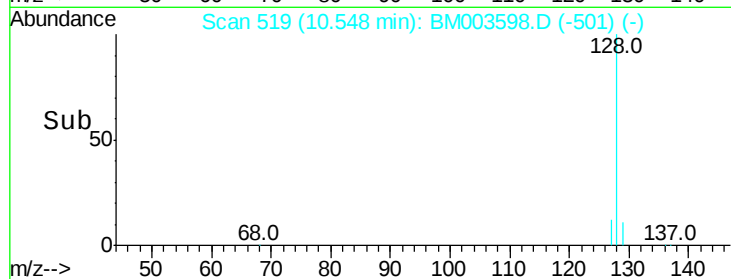
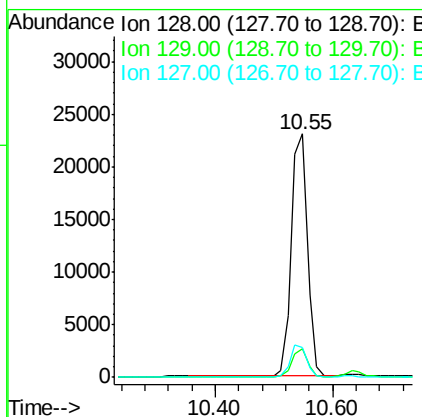
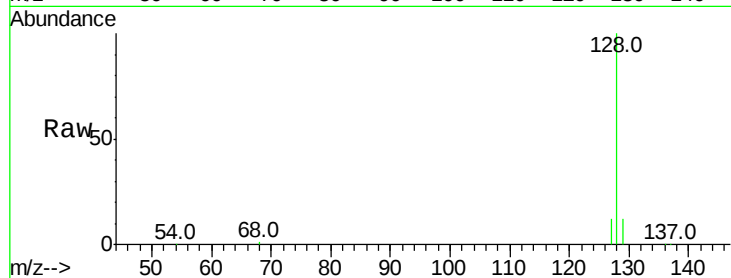
ClientSampleId :

D9N46

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:22:55 PM

Tot Ion:128	Resp:	43267
Ion Ratio	Lower	Upper
128 100		
129 11.8	9.0	13.6
127 12.1	9.6	14.4



#7

2-Methylnaphthalene

Concen: 0.51 ng/ul

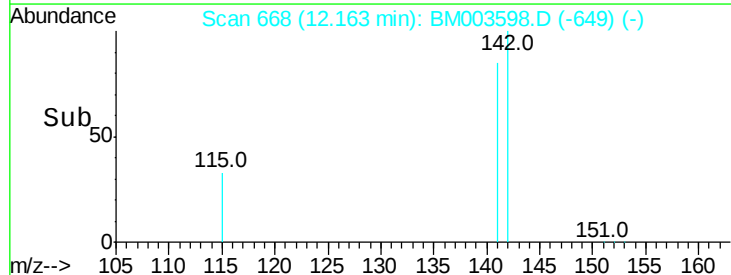
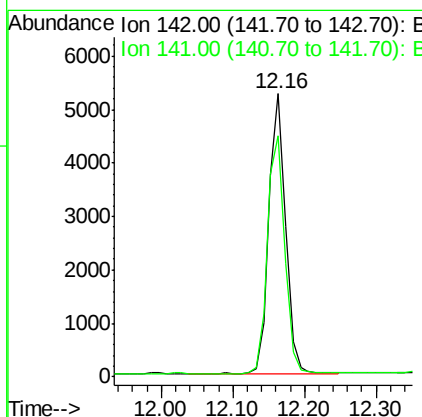
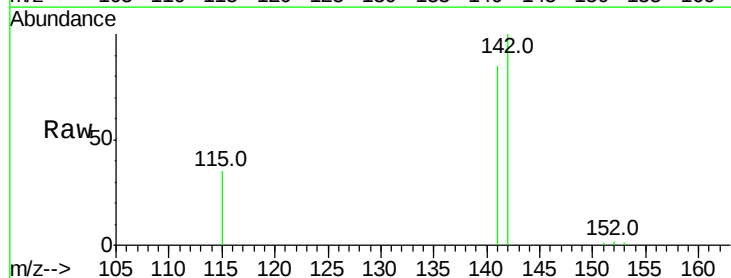
RT: 12.16 min Scan# 668

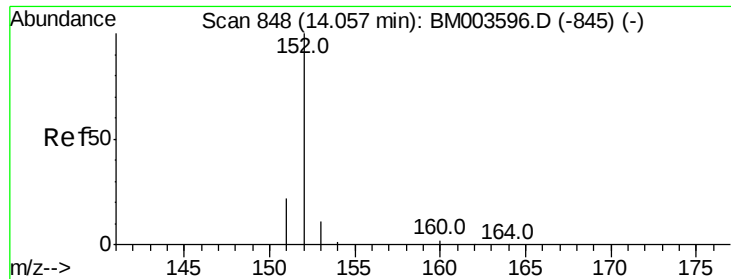
Delta R.T. -0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Tgt Ion:142	Resp:	8483
Ion Ratio	Lower	Upper
142 100		
141 88.9	70.3	105.5





#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.02 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

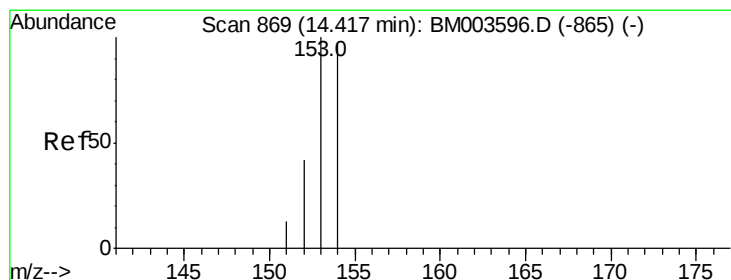
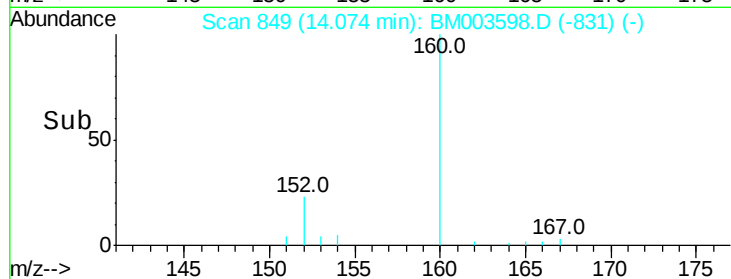
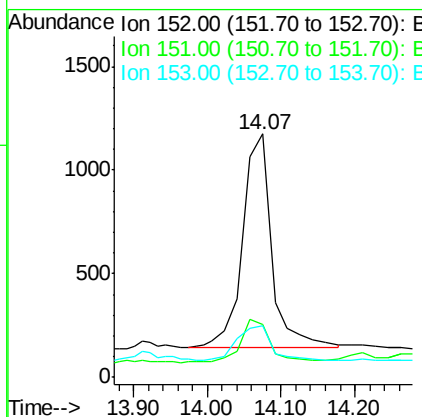
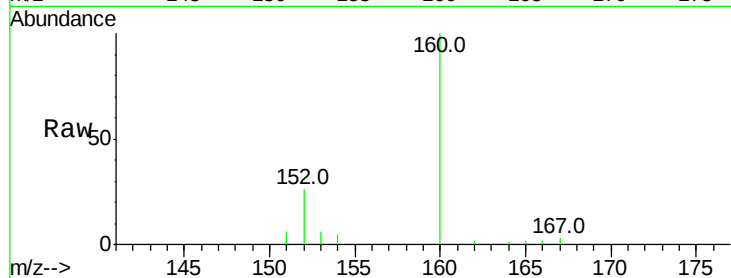
ClientSampleId :

D9N46

Tot Ion:	152	Resp:	2579
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.6	26.4
153	21.4	9.7	14.5#

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:22:55 PM



#10

Acenaphthene

Concen: 0.76 ng/ul

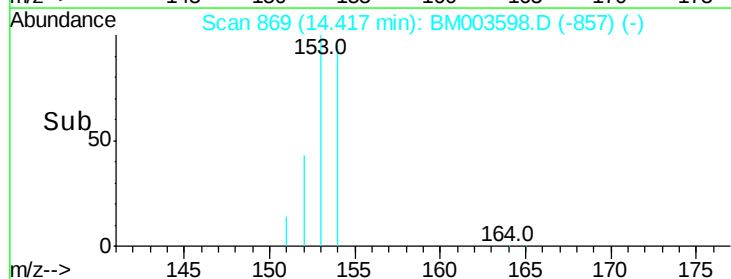
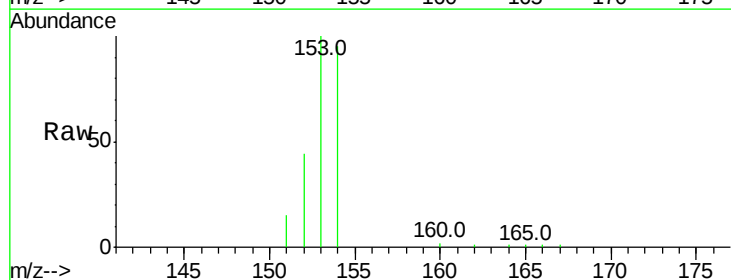
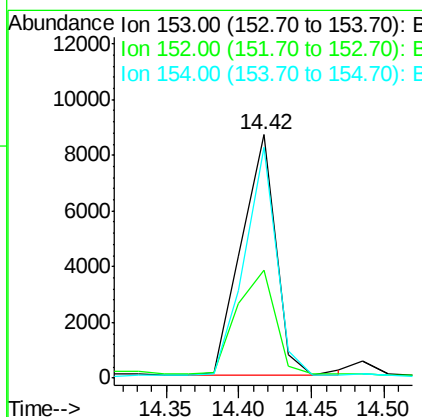
RT: 14.42 min Scan# 869

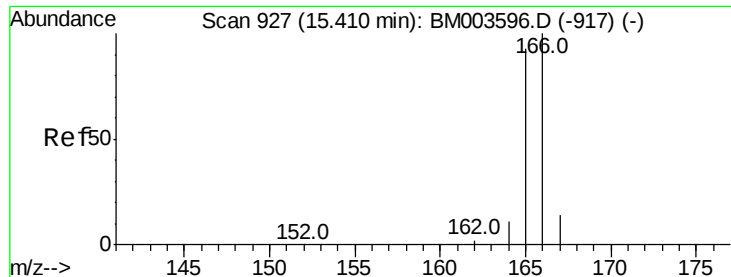
Delta R.T. -0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Tgt Ion:	153	Resp:	14422
Ion Ratio	Lower	Upper	
153	100		
152	44.3	33.9	50.9
154	94.8	80.6	121.0





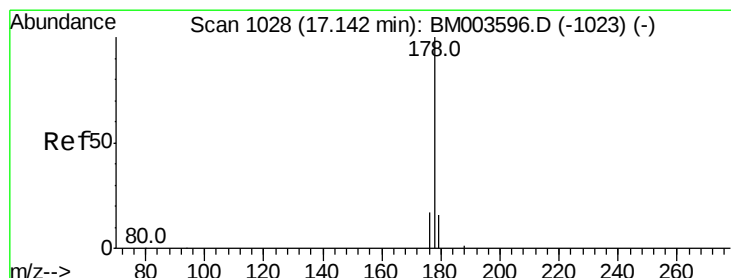
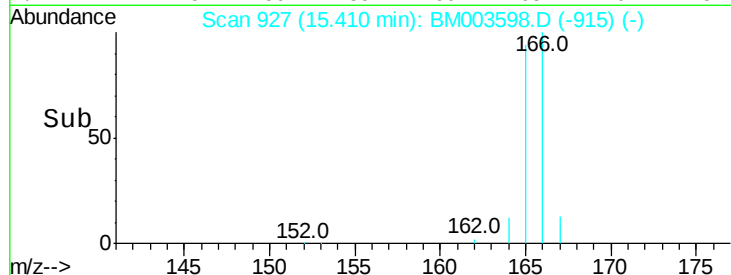
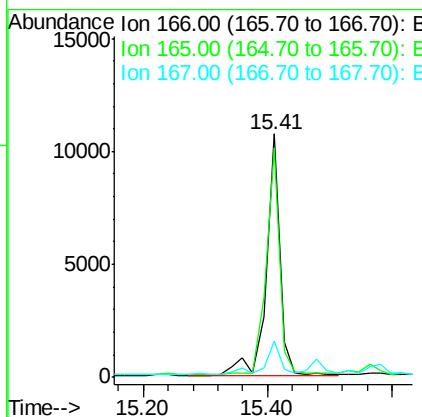
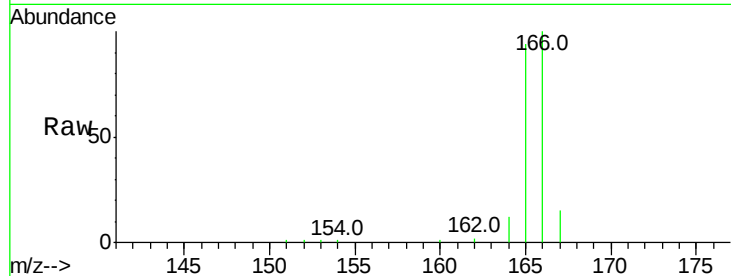
#11
Fluorene
Concen: 0.80 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM003598.D
Acq: 17 Dec 2015 14:26

Instrument :
BNA_M
ClientSampleId :
D9N46

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.0	69.6	104.4
167	14.7	11.9	17.9

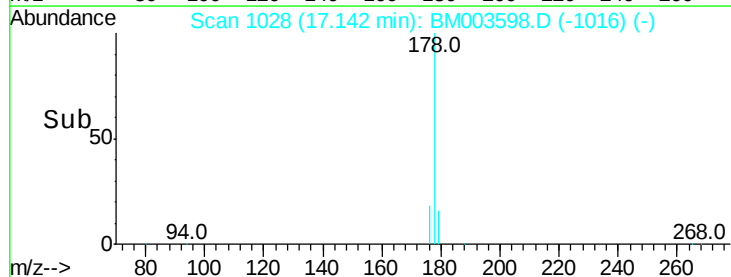
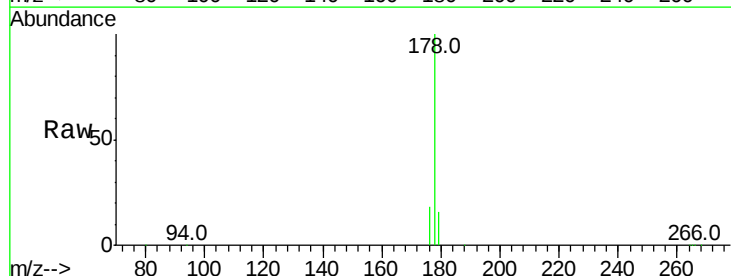
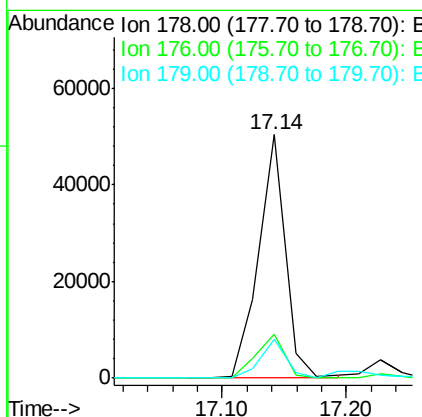
Manual Integrations
APPROVED

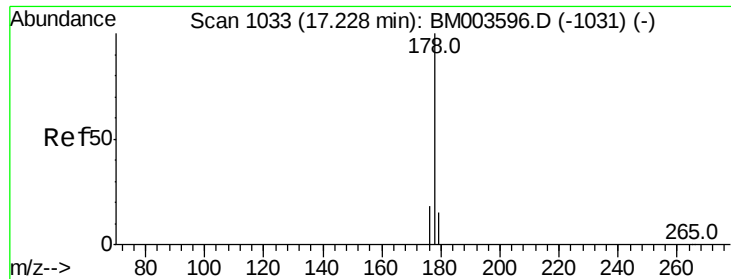
MMdadoda
12/18/2015 6:22:55 PM



#14
Phenanthrene
Concen: 2.27 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM003598.D
Acq: 17 Dec 2015 14:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	13.0	19.4
179	16.0	14.2	21.2





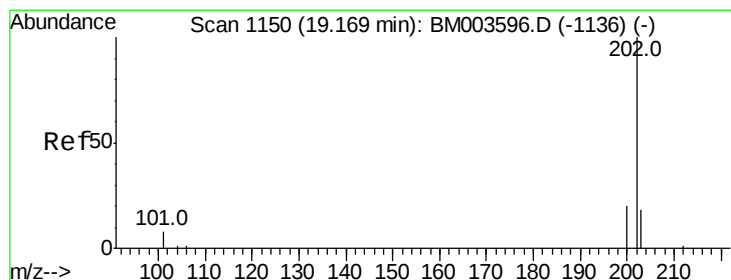
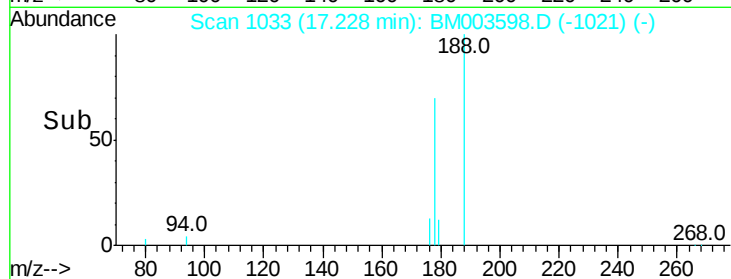
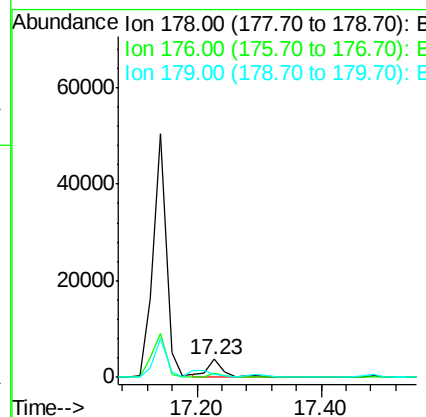
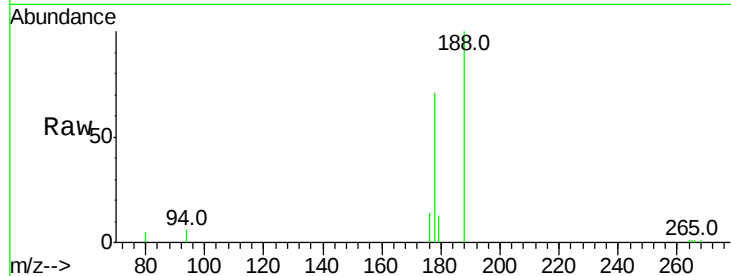
#15
 Anthracene
 Concen: 0.21 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM003598.D
 Acq: 17 Dec 2015 14:26

Instrument :
 BNA_M
 ClientSampleId :
 D9N46

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.0	21.0
179	18.8	12.9	19.3

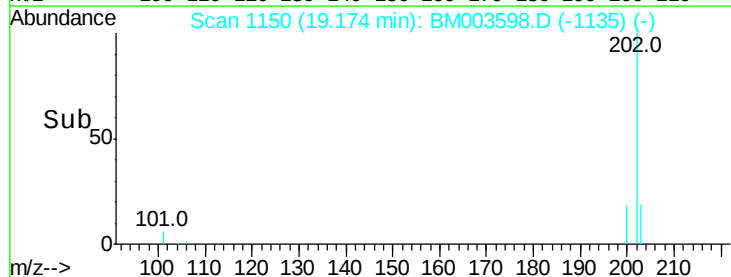
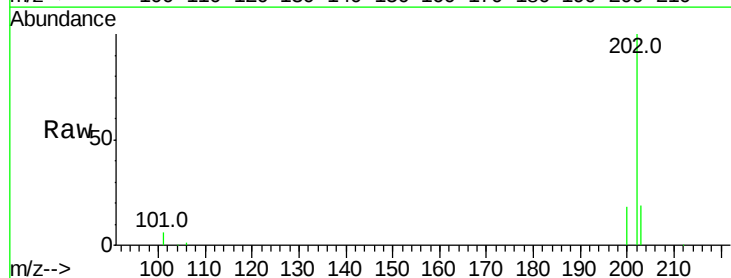
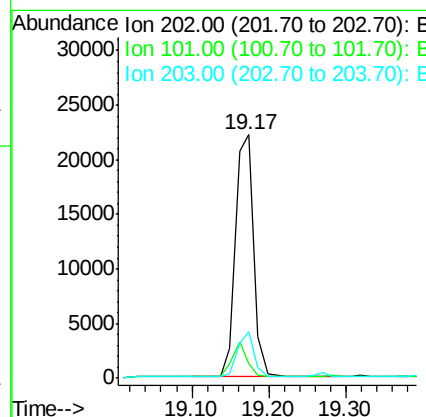
Manual Integrations
 APPROVED

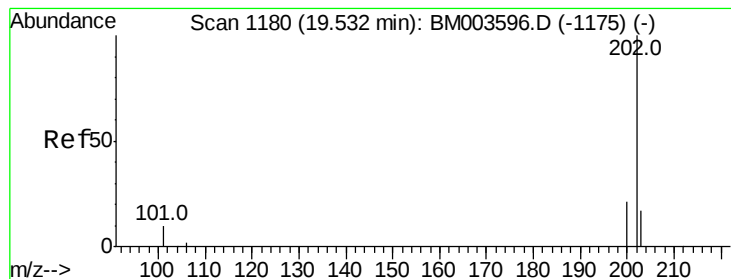
MMdadoda
 12/18/2015 6:22:55 PM



#17
 Fluoranthene
 Concen: 1.02 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM003598.D
 Acq: 17 Dec 2015 14:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	29.6
203	19.0	0.0	36.3





#19

Pvrene

Concen: 0.75 ng/ul

RT: 19.54 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Instrument :

BNA_M

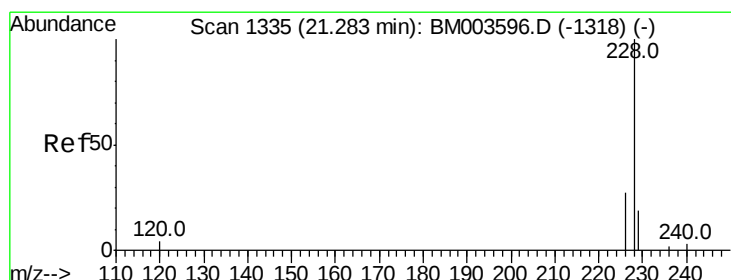
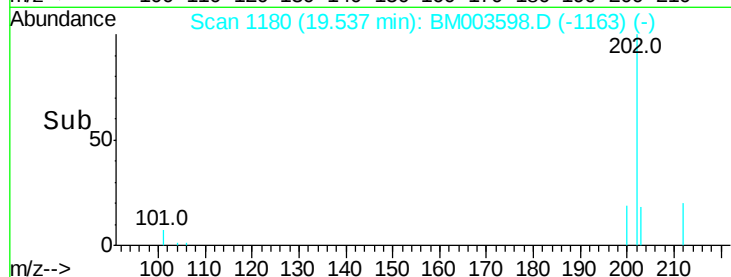
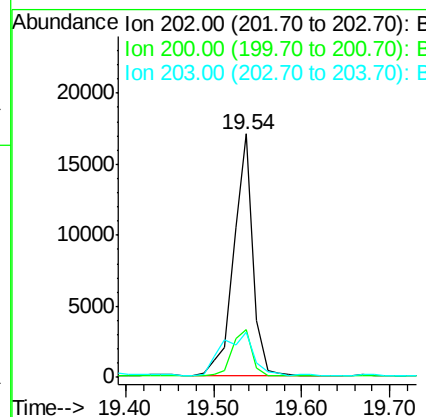
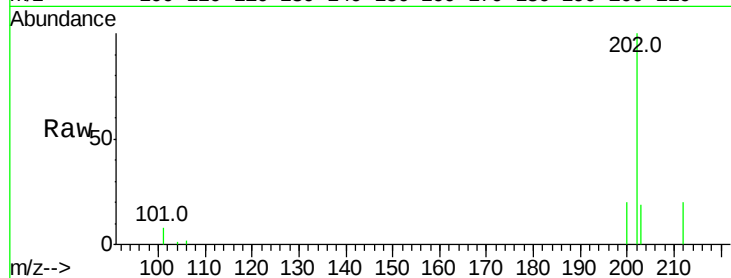
ClientSampleId :

D9N46

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:22:55 PM

Tot Ion:	202	Resp:	25526
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.8	26.8
203	18.7	12.8	19.2



#20

Benzo(a)anthracene

Concen: 0.16 ng/ul

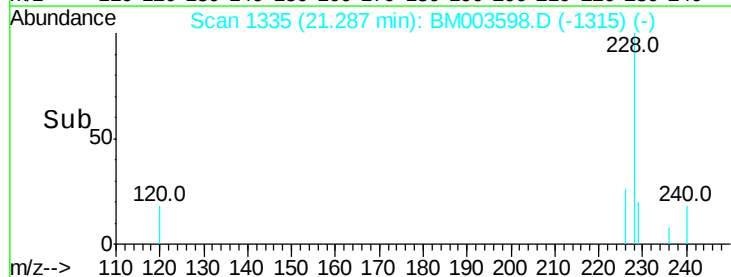
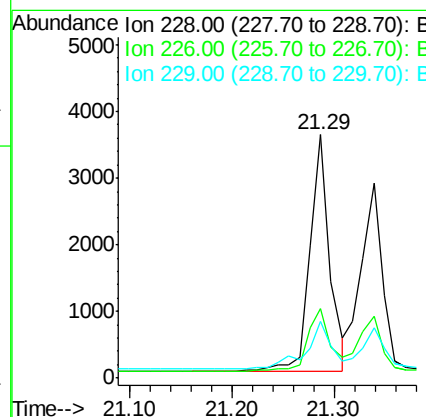
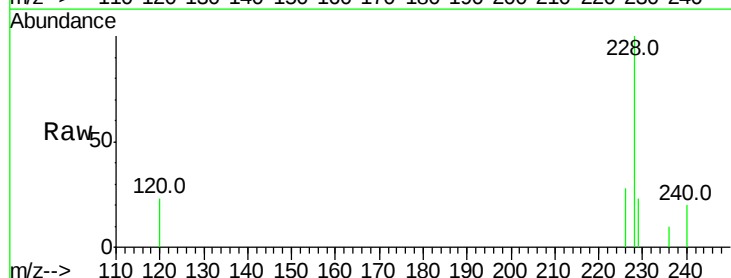
RT: 21.29 min Scan# 1335

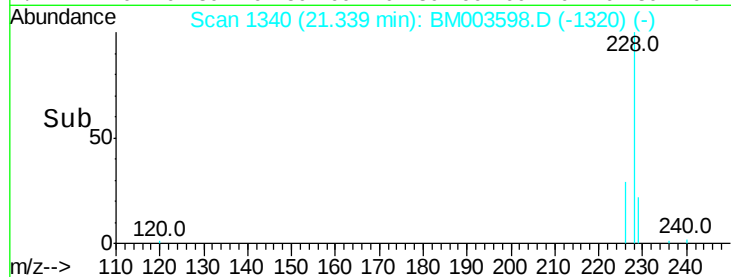
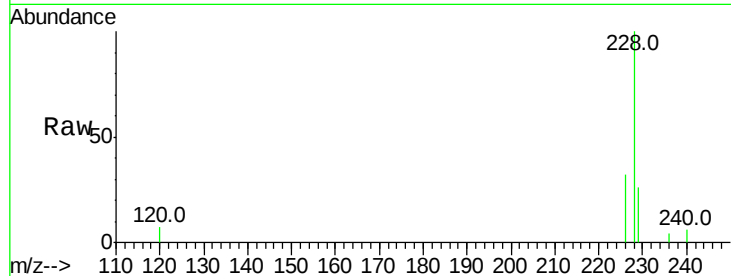
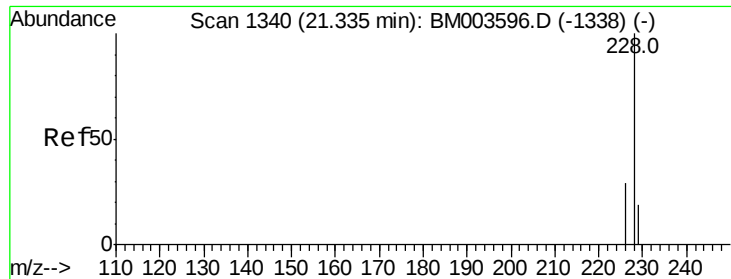
Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Tgt Ion:	228	Resp:	4850
Ion Ratio	Lower	Upper	
228	100		
226	28.4	18.8	28.2#
229	23.1	17.1	25.7





#21

Chrysene

Concen: 0.12 ng/ul m

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM003598.D

Acq: 17 Dec 2015 14:26

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.2	31.8#
229	26.1	17.0	25.6#

Instrument :

BNA_M

ClientSampleId :

D9N46

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:22:55 PM

