

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
 Data File : BM003190.D
 Acq On : 19 Nov 2015 13:46
 Operator : UM/IZ
 Sample : G4323-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT3

Manual Integrations
 APPROVED

Mmdadoda
 11/20/2015 7:00:05 PM

Quant Time: Nov 20 07:19:39 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 03:16:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15160	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	56329	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29556	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	61998m	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	61066	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	66152m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	61145	3.78	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	16652	0.22	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	35910	0.24	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	18798	0.13	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	1040	0.01	ng/ul#	100
9) Acenaphthylene	14.09	152	7533	0.06	ng/ul#	90
13) Pentachlorophenol	16.78	266	3408	0.23	ng/ul#	17
14) Phenanthrene	17.17	178	34651	0.19	ng/ul	98
17) Fluoranthene	19.19	202	98729m	0.49	ng/ul	
19) Pyrene	19.55	202	106361	0.51	ng/ul#	95
20) Benzo(a)anthracene	21.31	228	62445	0.35	ng/ul#	89
21) Chrysene	21.36	228	62194	0.31	ng/ul	96
23) Benzo(b)fluoranthene	22.91	252	111001m	0.44	ng/ul	
25) Benzo(a)pyrene	23.49	252	67315m	0.30	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.87	276	55410m	0.21	ng/ul	
28) Benzo(g,h,i)perylene	26.57	276	54974m	0.23	ng/ul	

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

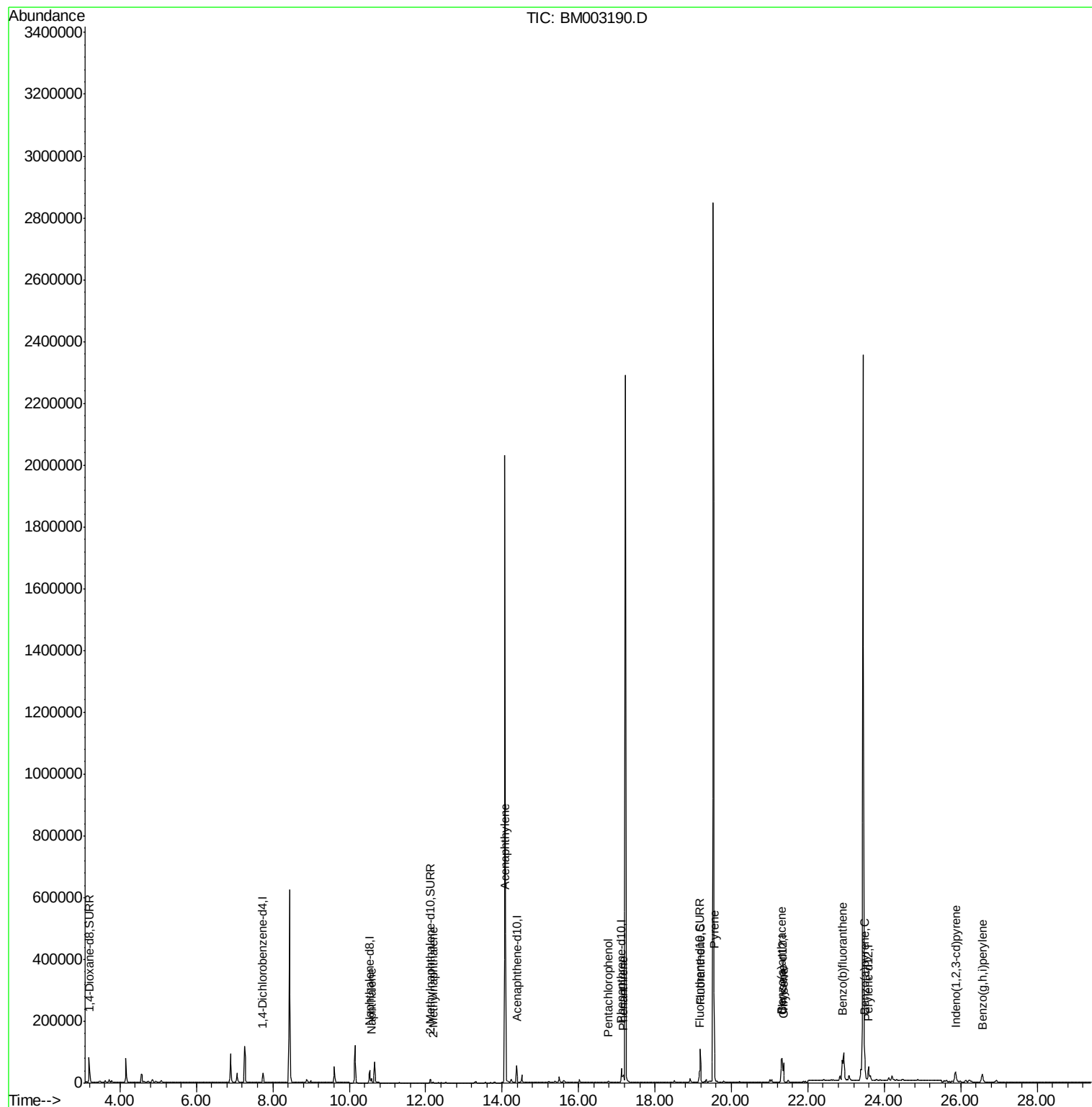
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003190.D
Acq On : 19 Nov 2015 13:46
Operator : UM/IZ
Sample : G4323-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

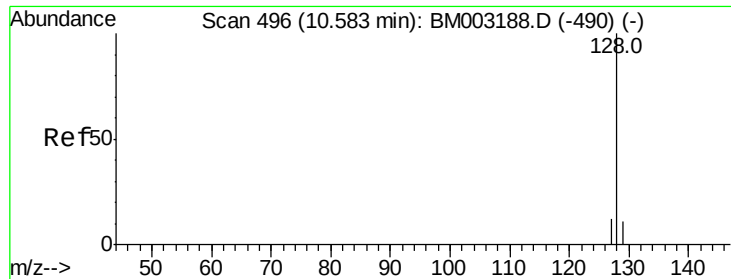
Instrument :
BNA_M
ClientSampleId :
A4HT3

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:05 PM

Quant Time: Nov 20 07:19:39 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.13 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003190.D

Acq: 19 Nov 2015 13:46

Instrument :

BNA_M

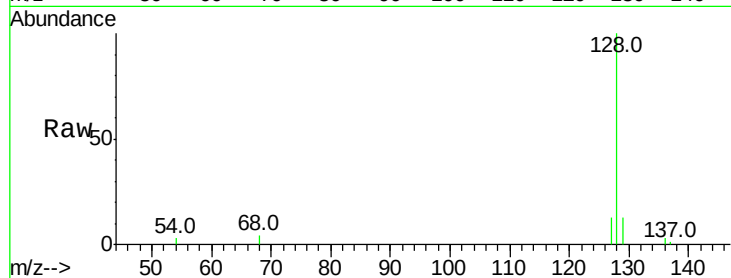
ClientSampleId :

A4HT3

Tot Ion:	128	Resp:	18798
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.0	13.6
127	12.5	9.6	14.4

Manual Integrations
APPROVED

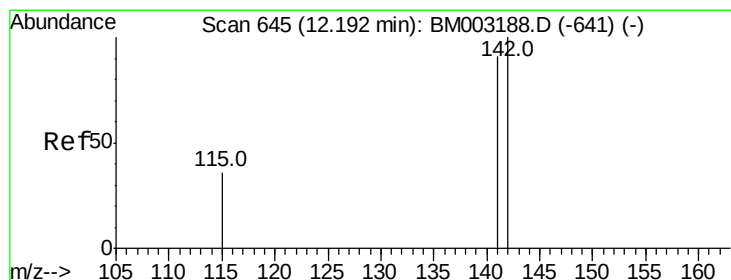
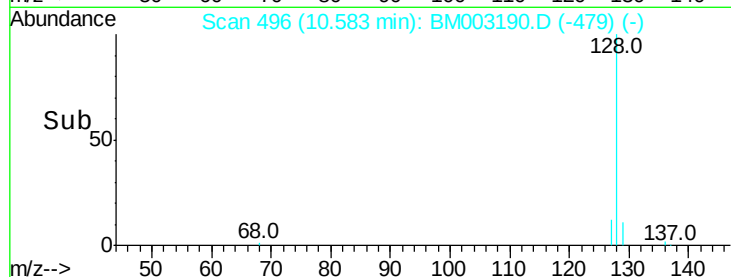
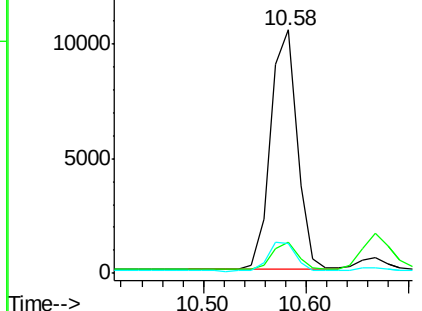
Mmdadoda
11/20/2015 7:00:05 PM



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: 0.01 ng/ul

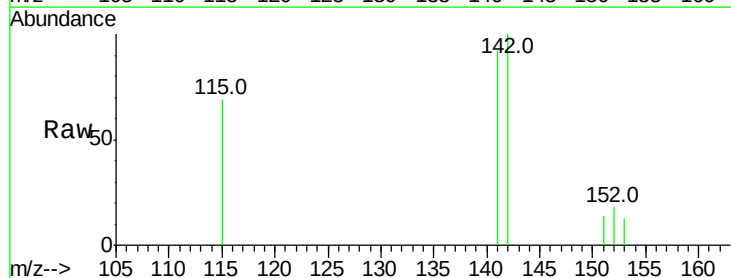
RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003190.D

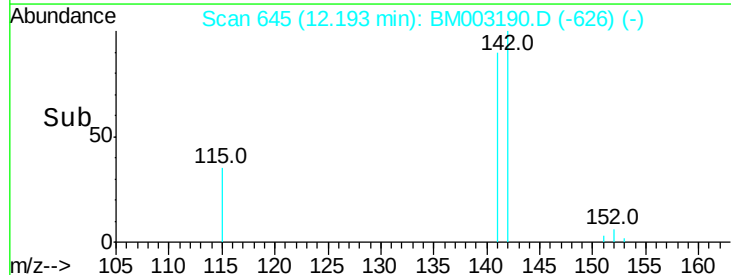
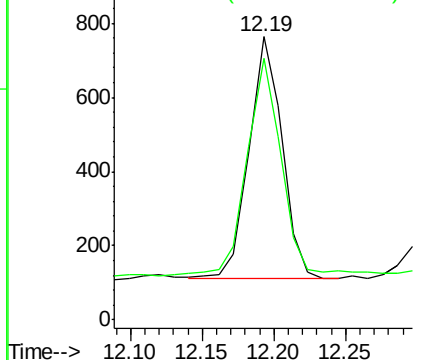
Acq: 19 Nov 2015 13:46

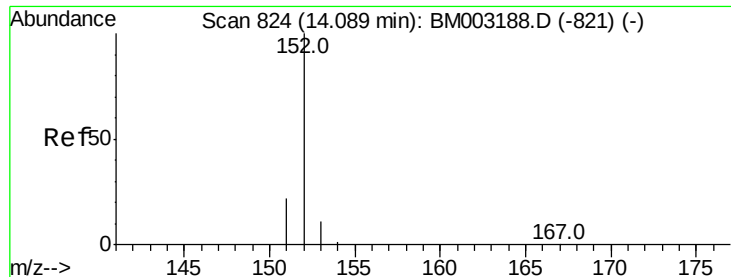
Tgt Ion:	142	Resp:	1040
Ion Ratio	Lower	Upper	
142	100		
141	97.3	0.0	0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003190.D

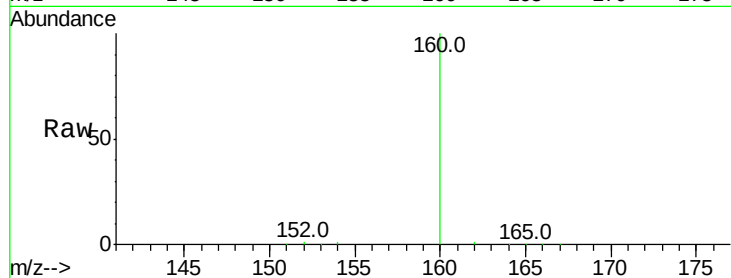
Acq: 19 Nov 2015 13:46

Instrument :

BNA_M

ClientSampleId :

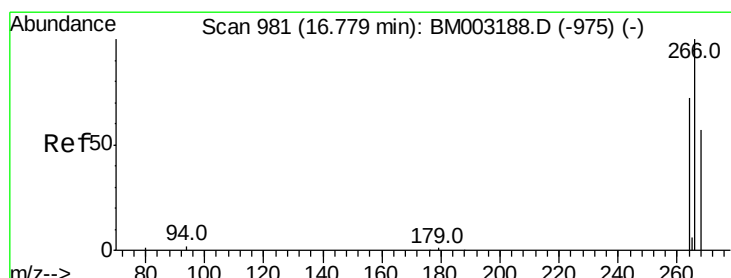
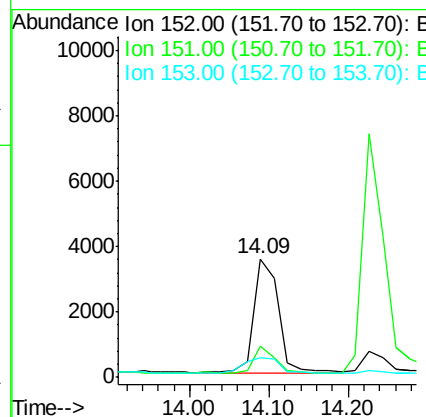
A4HT3



Tot Ion:	152	Resp:	7533
Ion Ratio	Lower	Upper	
152	100		
151	25.9	17.6	26.4
153	16.9	9.7	14.5#

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:05 PM



#13

Pentachlorophenol

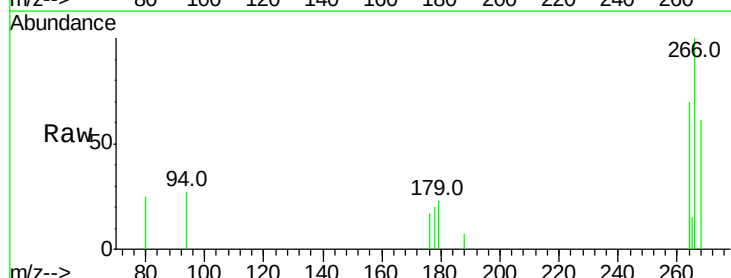
Concen: 0.23 ng/ul

RT: 16.78 min Scan# 981

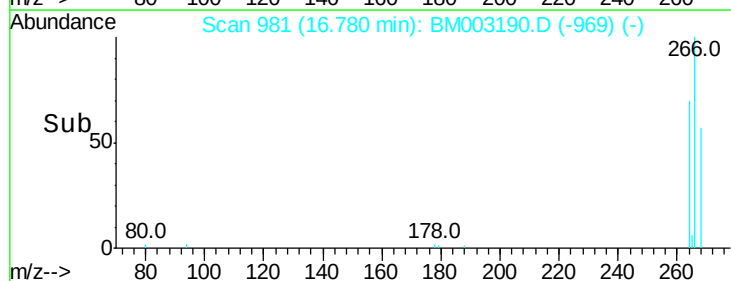
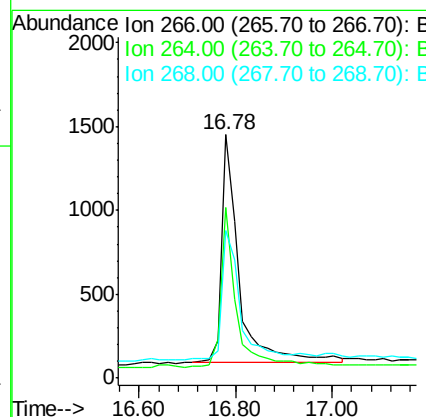
Delta R.T. -0.00 min

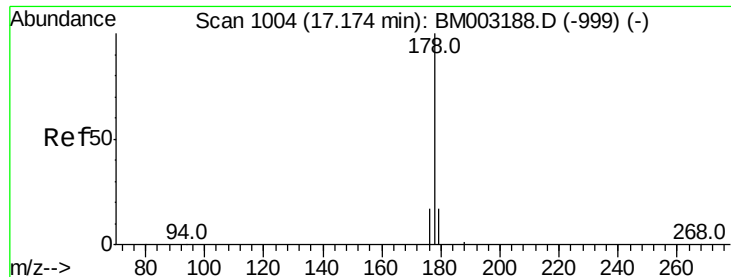
Lab File: BM003190.D

Acq: 19 Nov 2015 13:46



Tgt Ion:	266	Resp:	3408
Ion Ratio	Lower	Upper	
266	100		
264	62.5	0.3	0.5#
268	60.1	0.0	0.0#





#14

Phenanthrene

Concen: 0.19 ng/ul

RT: 17.17 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BM003190.D

Acq: 19 Nov 2015 13:46

Instrument :

BNA_M

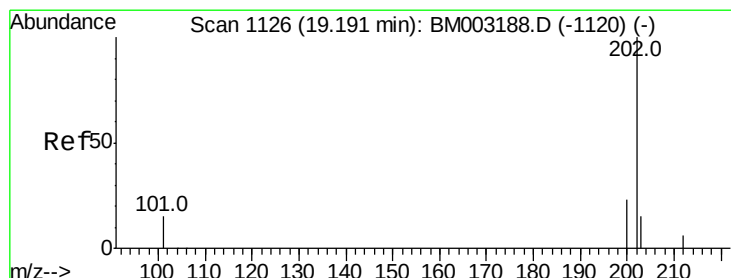
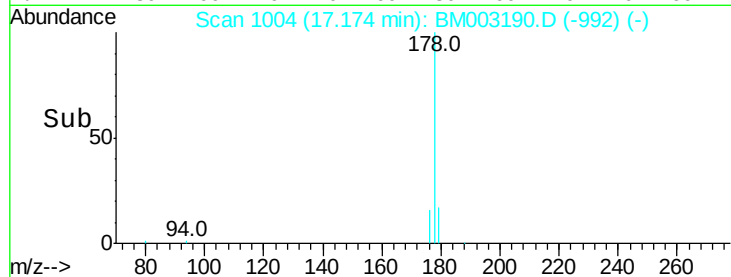
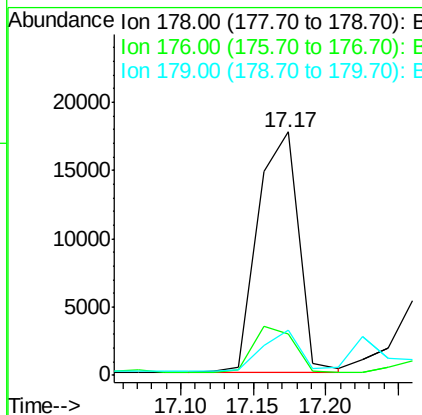
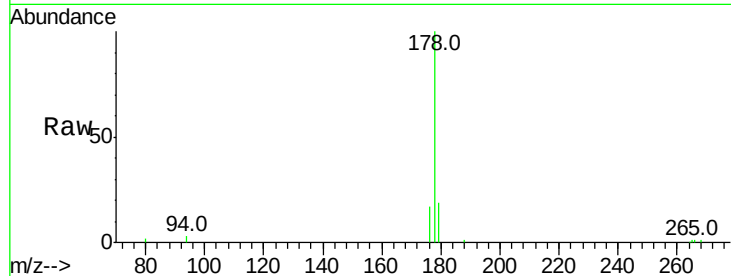
ClientSampleId :

A4HT3

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:05 PM

Tot Ion:178	Resp:	34651
Ion Ratio	Lower	Upper
178 100		
176 17.1	13.0	19.4
179 18.6	14.2	21.2



#17

Fluoranthene

Concen: 0.49 ng/ul m

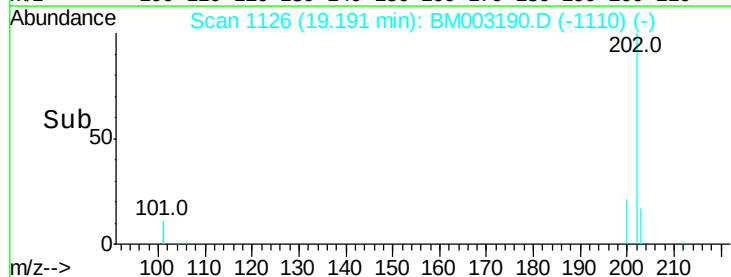
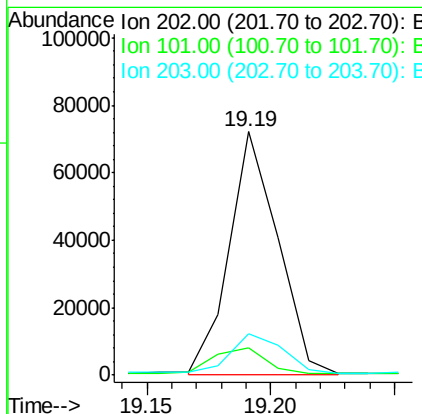
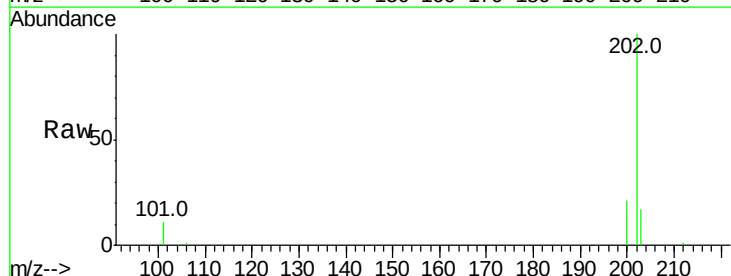
RT: 19.19 min Scan# 1126

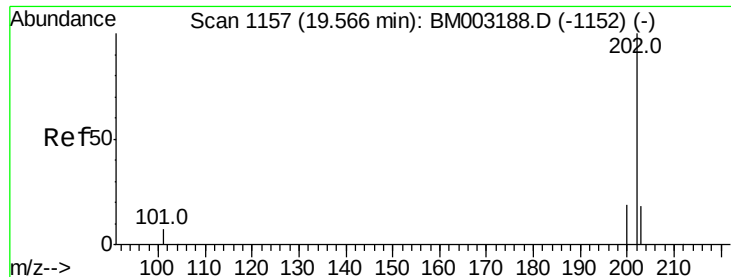
Delta R.T. -0.00 min

Lab File: BM003190.D

Acq: 19 Nov 2015 13:46

Tgt Ion:202	Resp:	98729
Ion Ratio	Lower	Upper
202 100		
101 11.2	0.0	29.6
203 17.0	0.0	36.3





#19

Pvrene

Concen: 0.51 ng/ul

RT: 19.55 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM003190.D

Acq: 19 Nov 2015 13:46

Instrument :

BNA_M

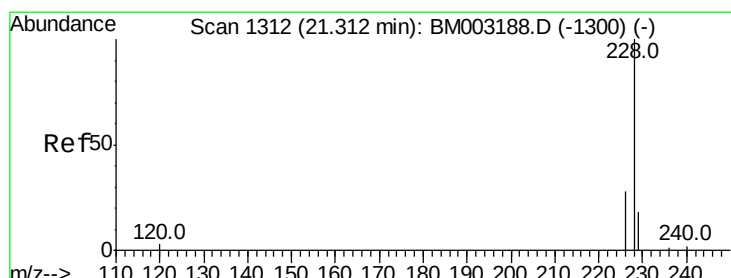
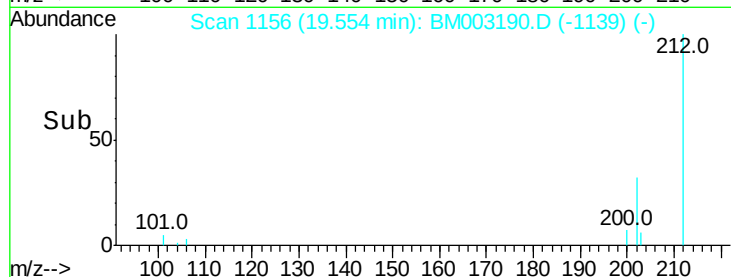
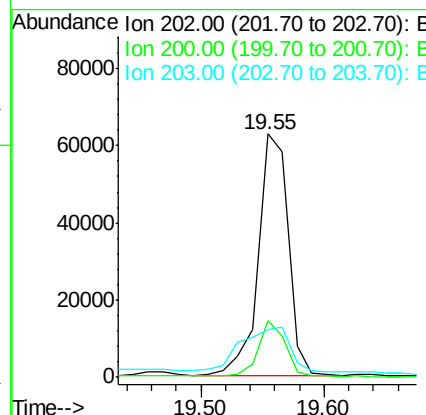
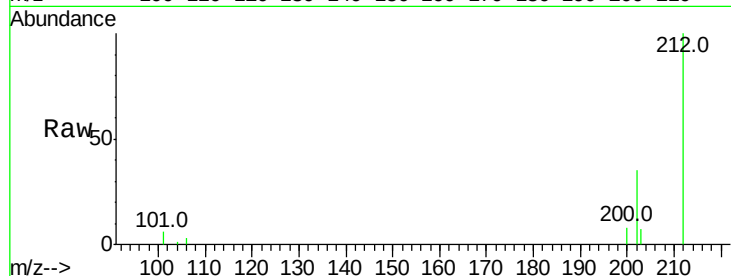
ClientSampleId :

A4HT3

Tot Ion:	202	Resp:	106361
Ion Ratio		Lower	Upper
202	100		
200	23.3	17.8	26.8
203	19.8	12.8	19.2#

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:05 PM



#20

Benzo(a)anthracene

Concen: 0.35 ng/ul

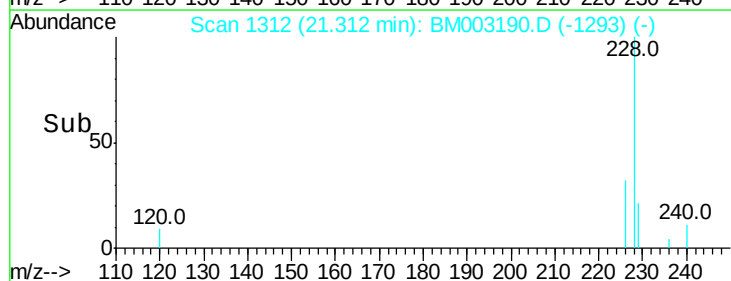
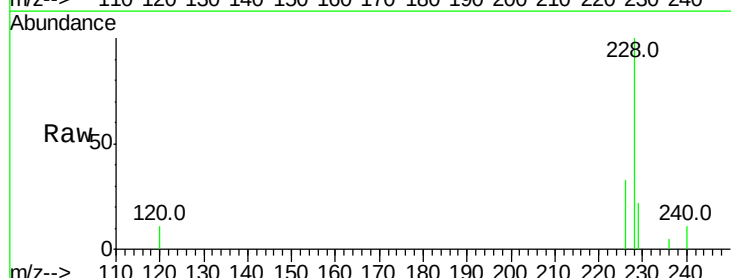
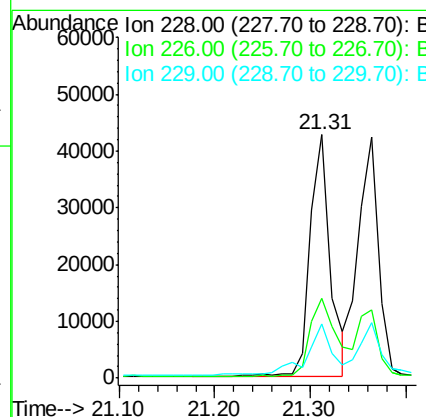
RT: 21.31 min Scan# 1312

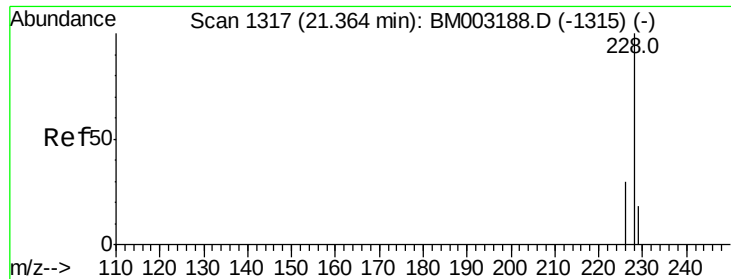
Delta R.T. -0.00 min

Lab File: BM003190.D

Acq: 19 Nov 2015 13:46

Tgt Ion:	228	Resp:	62445
Ion Ratio		Lower	Upper
228	100		
226	32.8	18.8	28.2#
229	22.5	17.1	25.7





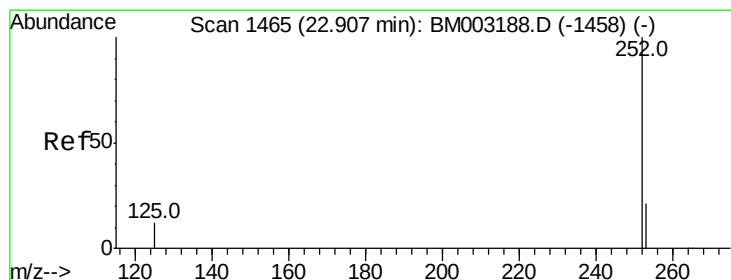
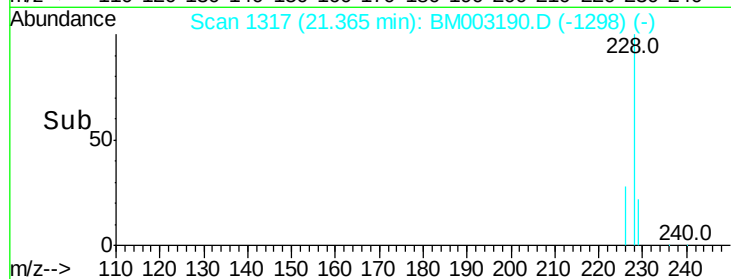
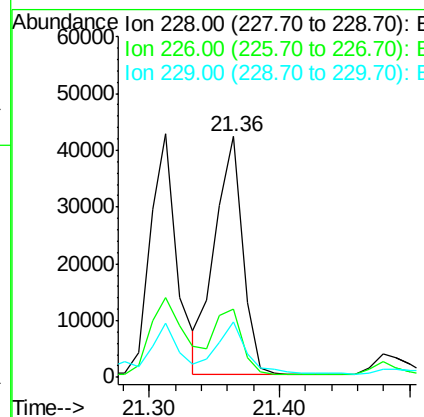
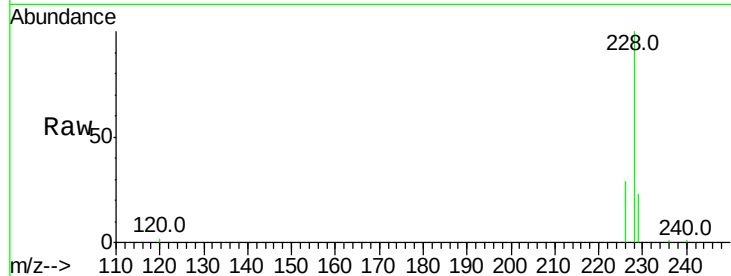
#21
Chrysene
Concen: 0.31 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003190.D
Acq: 19 Nov 2015 13:46

Instrument :
BNA_M
ClientSampleId :
A4HT3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.2	31.8
229	23.1	17.0	25.6

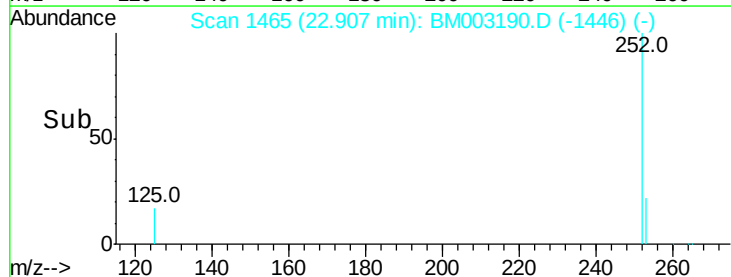
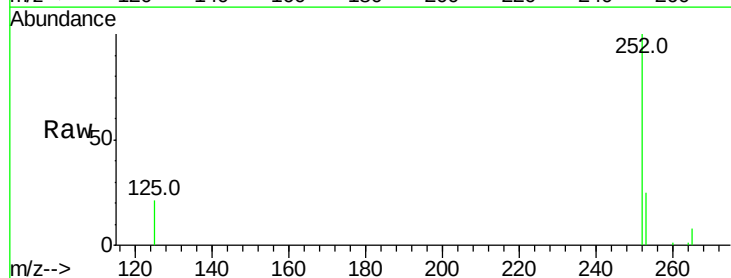
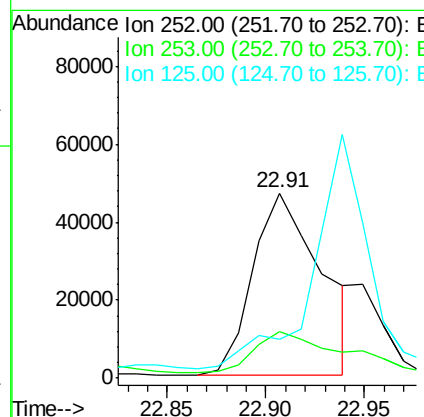
Manual Integrations
APPROVED

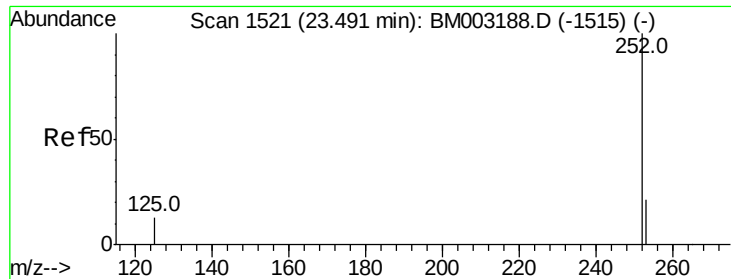
Mmdadoda
11/20/2015 7:00:05 PM



#23
Benzo(b)fluoranthene
Concen: 0.44 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003190.D
Acq: 19 Nov 2015 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	45.4
125	21.0	0.0	28.8





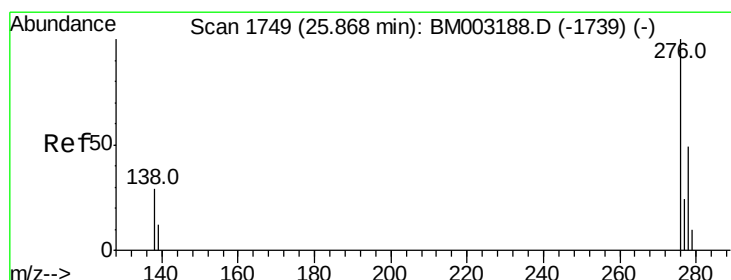
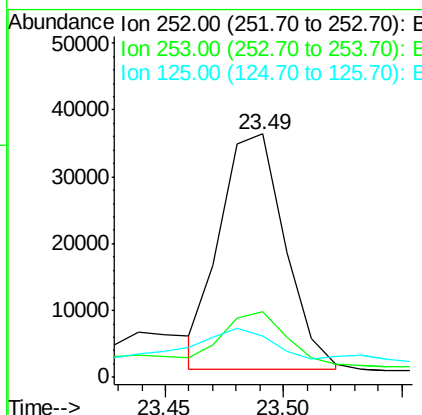
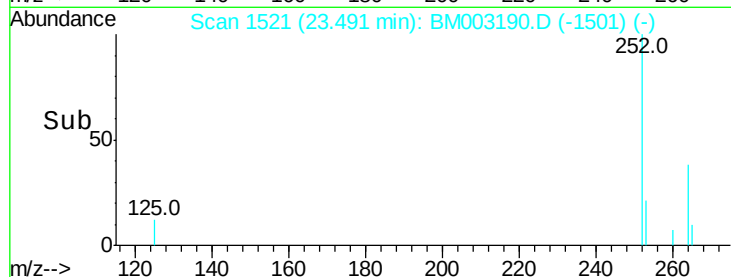
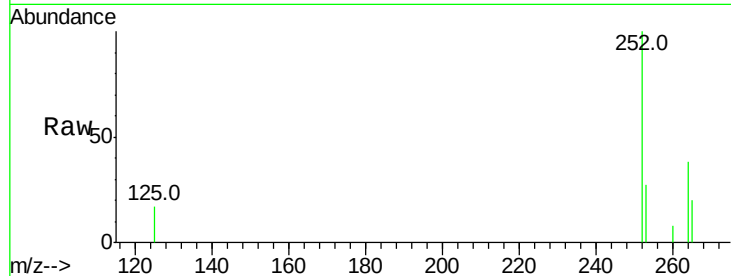
#25
Benzo(a)pyrene
Concen: 0.30 ng/ul m
RT: 23.49 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BM003190.D
Acq: 19 Nov 2015 13:46

Instrument :
BNA_M
ClientSampleId :
A4HT3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.4	29.2
125	17.1	12.7	19.1

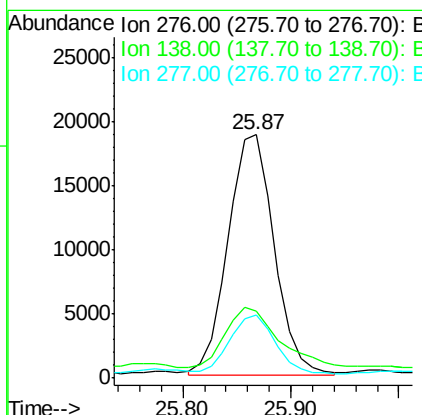
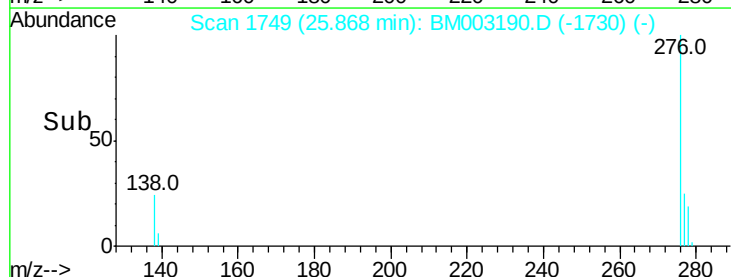
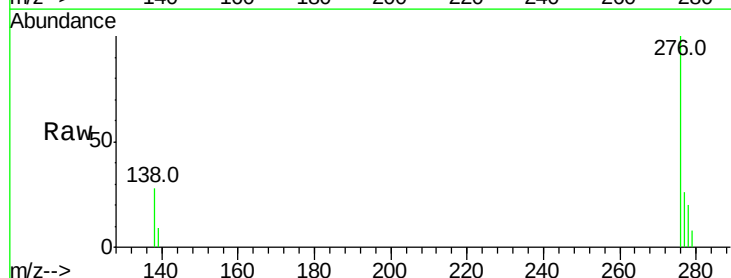
Manual Integrations
APPROVED

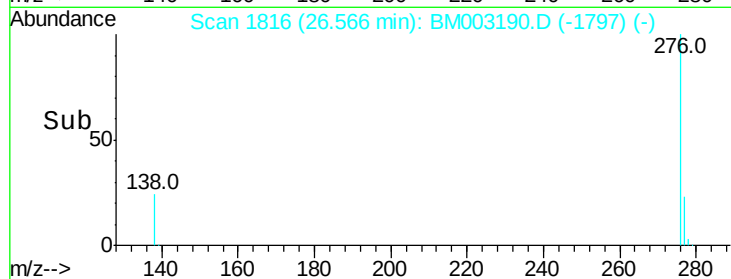
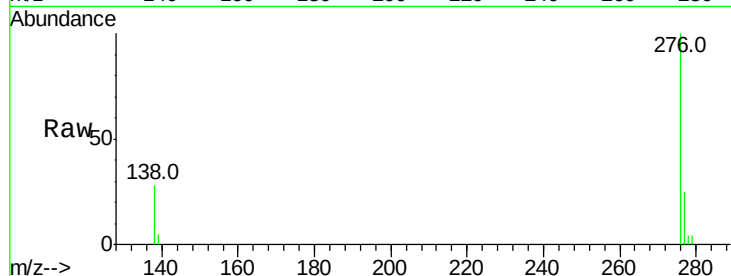
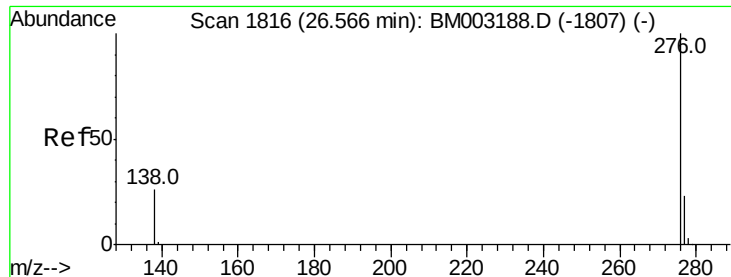
Mmdadoda
11/20/2015 7:00:05 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul m
RT: 25.87 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BM003190.D
Acq: 19 Nov 2015 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.7	0.0	0.0#





#28

Benzo(a,h,i)perylene

Concen: 0.23 ng/ul m

RT: 26.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM003190.D

Acq: 19 Nov 2015 13:46

Tot Ion:	276	Resp:	54974
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.9	28.3
138	28.2	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

A4HT3

Manual Integrations
APPROVED

Mmdadoda
11/20/2015 7:00:05 PM

