

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003243.D
 Acq On : 21 Nov 2015 11:31
 Operator : UM/IZ
 Sample : G4323-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT6

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:03:38 PM

Quant Time: Nov 22 03:55:40 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 : Sun Nov 22 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	11057	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	43060	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	22959	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	47753m	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	46278	0.40	ng/ul	0.00
22) Perylene-d12	23.59	264	38975m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	56880	4.82	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	14436	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	30432	0.26	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.57	128	8119	0.07	ng/ul#	94
13) Pentachlorophenol	16.78	266	608	0.05	ng/ul	97
14) Phenanthrene	17.16	178	7538m	0.05	ng/ul	
17) Fluoranthene	19.20	202	6874	0.04	ng/ul	91
20) Benzo(a)anthracene	21.31	228	2923	0.02	ng/ul#	86
21) Chrysene	21.36	228	3502	0.02	ng/ul#	87

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

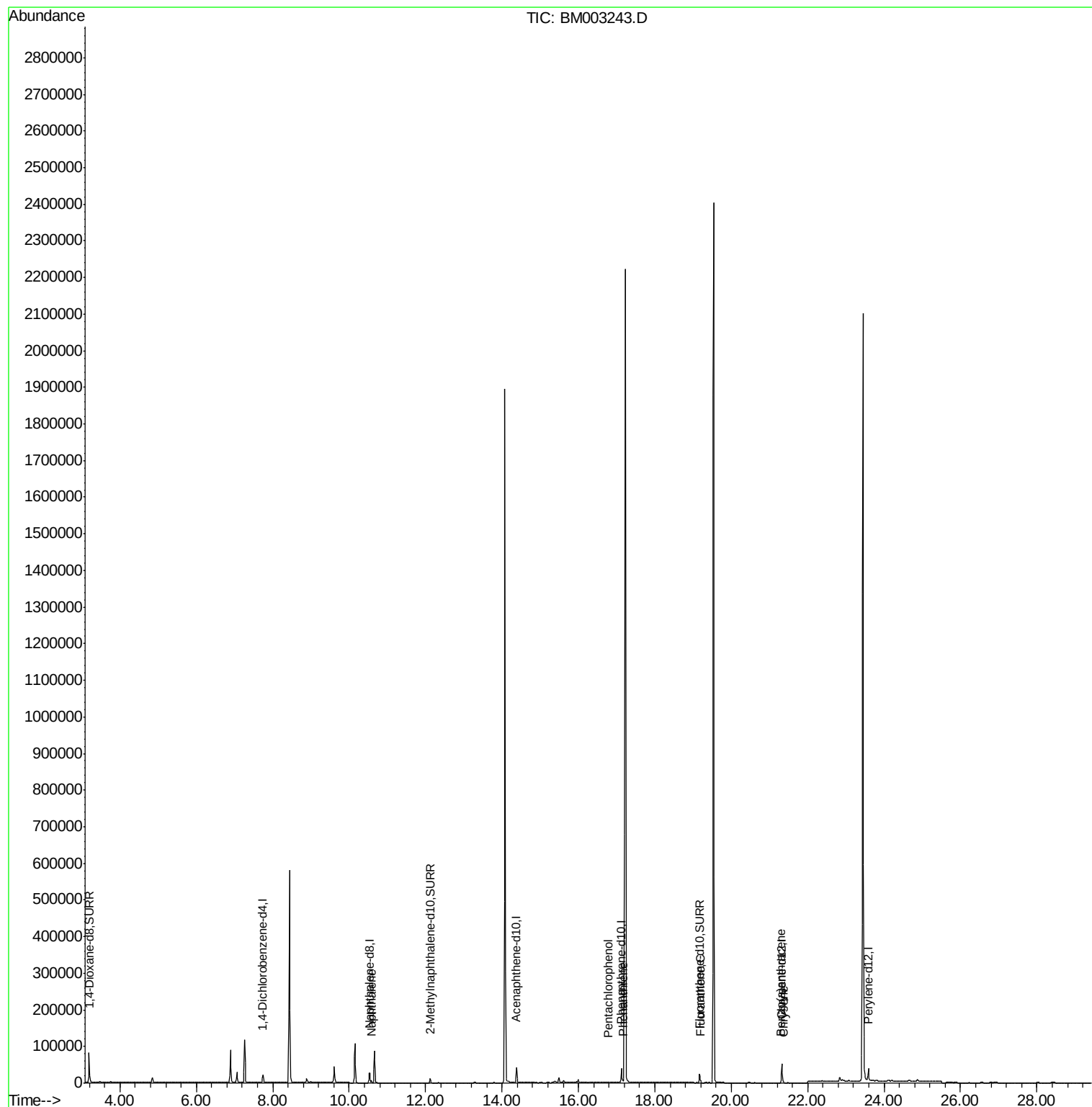
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003243.D
Acq On : 21 Nov 2015 11:31
Operator : UM/IZ
Sample : G4323-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

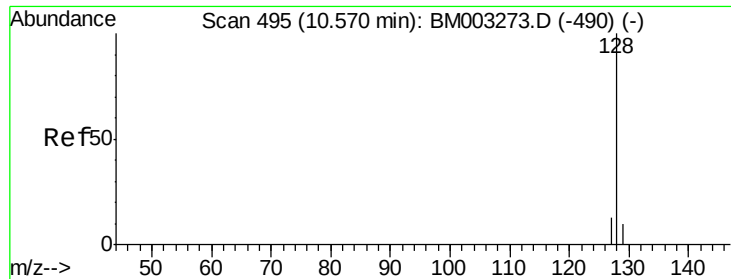
Instrument :
BNA_M
ClientSampleId :
A4HT6

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:03:38 PM

Quant Time: Nov 22 03:55:40 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 : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.07 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

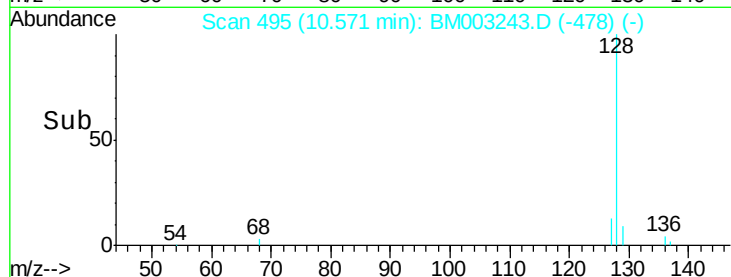
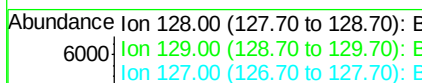
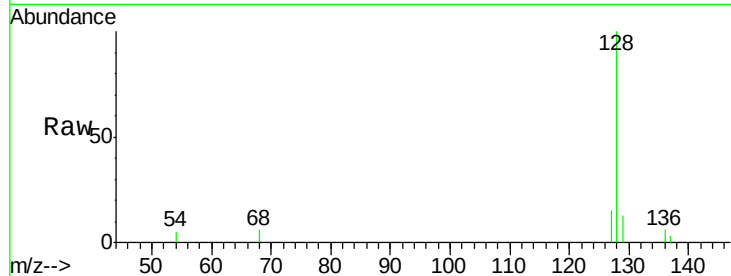
ClientSampleId :

A4HT6

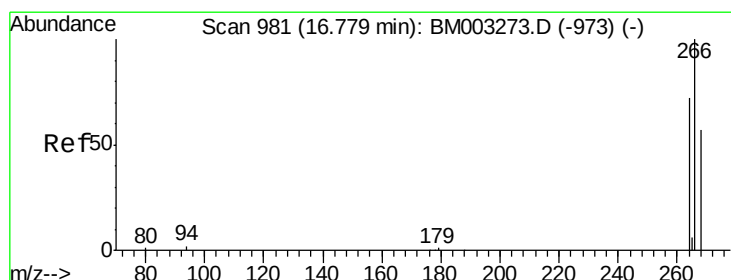
Tot Ion:	128	Resp:	8119
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.0	13.6
127	14.7	9.6	14.4#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:03:38 PM



Time-->



#13

Pentachlorophenol

Concen: 0.05 ng/ul

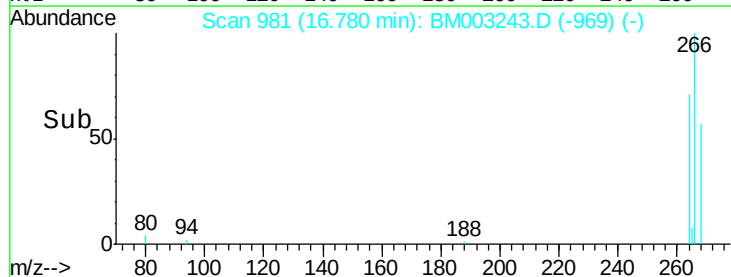
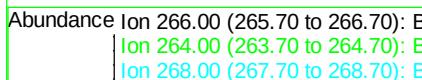
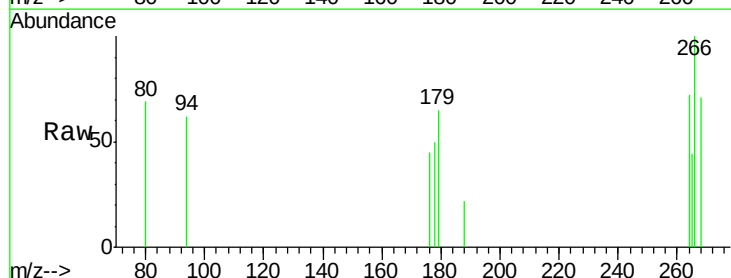
RT: 16.78 min Scan# 981

Delta R.T. 0.00 min

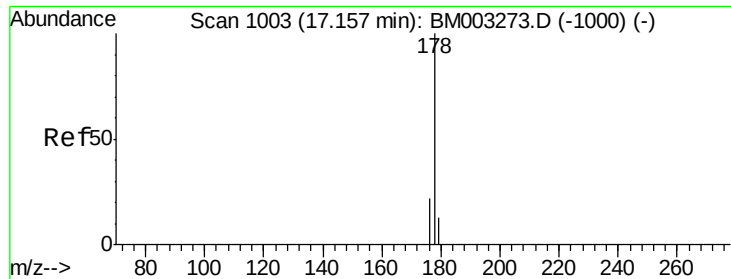
Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Tgt Ion:	266	Resp:	608
Ion Ratio	Lower	Upper	
266	100		
264	62.8	51.8	77.8
268	55.8	46.8	70.2



Time-->



#14

Phenanthrene

Concen: 0.05 ng/ul m

RT: 17.16 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

Instrument :

BNA_M

ClientSampleId :

A4HT6

Tot Ion:178 Resp: 7538

Ion Ratio Lower Upper

178 100

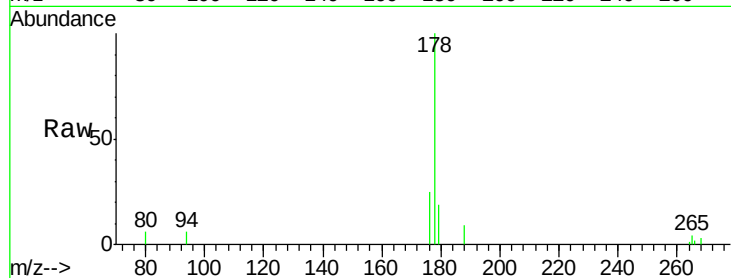
176 25.0 13.0 19.4#

179 18.6 14.2 21.2

Manual Integrations
APPROVED

Mmdadoda

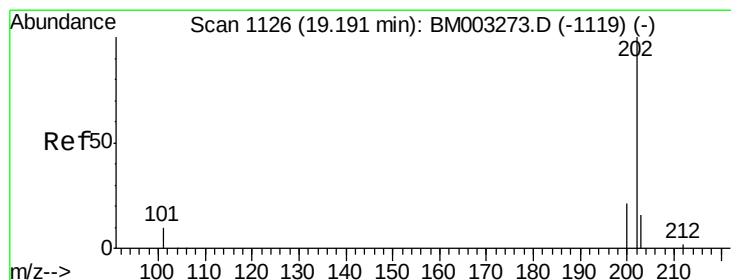
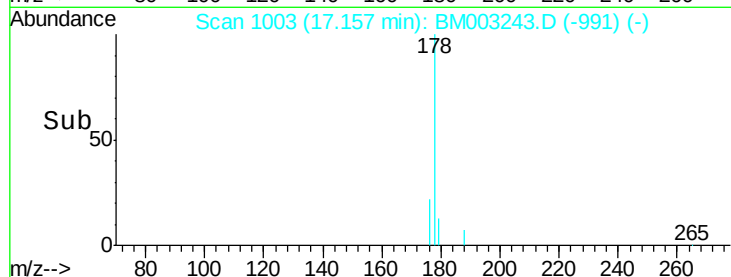
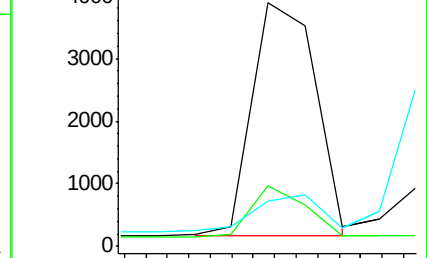
11/23/2015 7:03:38 PM



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: 0.04 ng/ul

RT: 19.20 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003243.D

Acq: 21 Nov 2015 11:31

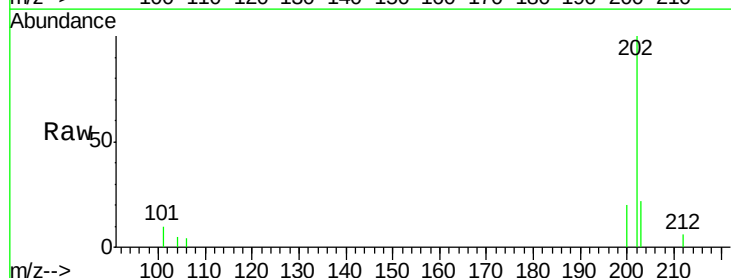
Tgt Ion:202 Resp: 6874

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.6

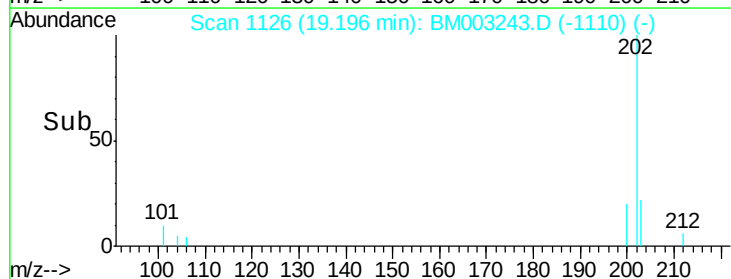
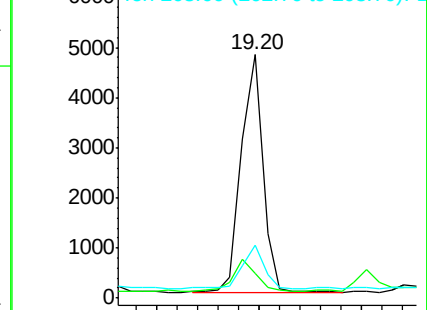
203 22.0 0.0 36.3

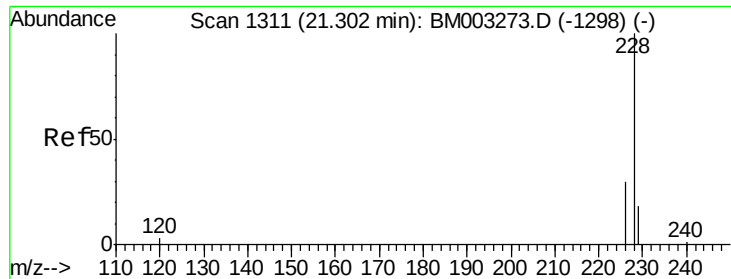


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





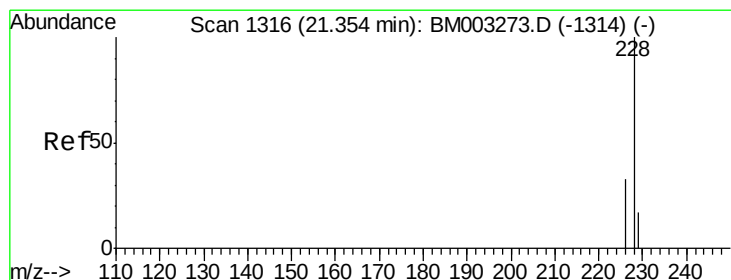
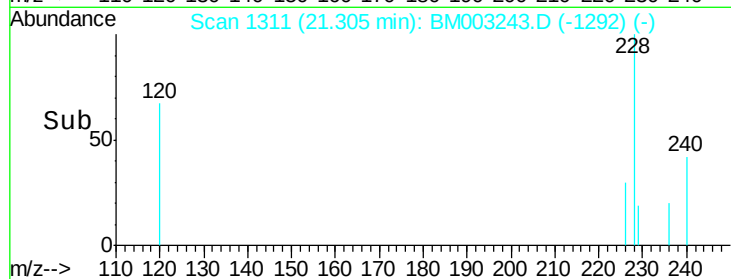
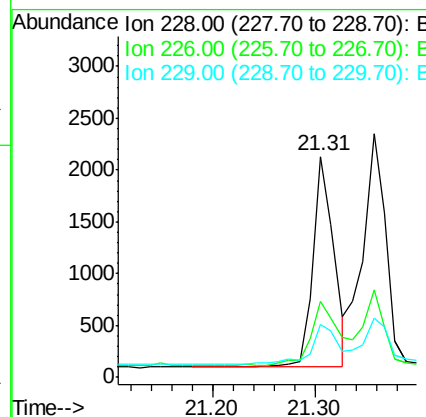
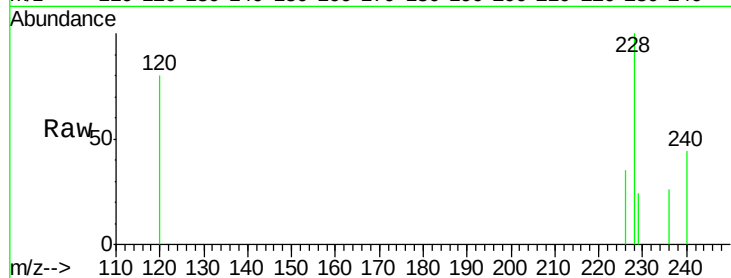
#20
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.31 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BM003243.D
Acq: 21 Nov 2015 11:31

Instrument :
BNA_M
ClientSampleId :
A4HT6

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.6	18.8	28.2#
229	24.0	17.1	25.7

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:03:38 PM



#21
Chrysene
Concen: 0.02 ng/ul
RT: 21.36 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM003243.D
Acq: 21 Nov 2015 11:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.1	21.2	31.8#
229	24.3	17.0	25.6

