

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002385.D
 Acq On : 13 Aug 2015 05:50
 Operator : UM/IZ
 Sample : G3194-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D86

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:04:46 PM

Quant Time: Aug 13 06:57:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	183077	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	798707	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	386073	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	665357	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	460394	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	457391	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	667040	16.68	ng/ul	0.00
10) Fluorene-d10	16.46	176	429092	15.43	ng/ul	0.00
14) Anthracene-d10	18.29	188	546803	16.94	ng/ul	0.00
18) Pyrene-d10	20.51	212	438451	19.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	379717	15.64	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.24	178	146521	3.83	ng/ul	Qvalue 99
16) Fluoranthene	20.18	202	271557	6.40	ng/ul	99
19) Pyrene	20.54	202	231057	7.76	ng/ul	97
20) Benzo(a)anthracene	22.27	228	224674	7.99	ng/ul	98
21) Chrysene	22.33	228	294086	11.04	ng/ul	98
23) Benzo(b)fluoranthene	24.15	252	730171	25.68	ng/ul	100
24) Benzo(k)fluoranthene	24.20	252	191652m	7.02	ng/ul	
26) Benzo(a)pyrene	24.86	252	366652	13.48	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.84	276	490627	15.73	ng/ul	92
28) Dibenzo(a,h)anthracene	27.83	278	161122	6.10	ng/ul#	94
29) Benzo(g,h,i)perylene	28.73	276	486723	18.50	ng/ul	99

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

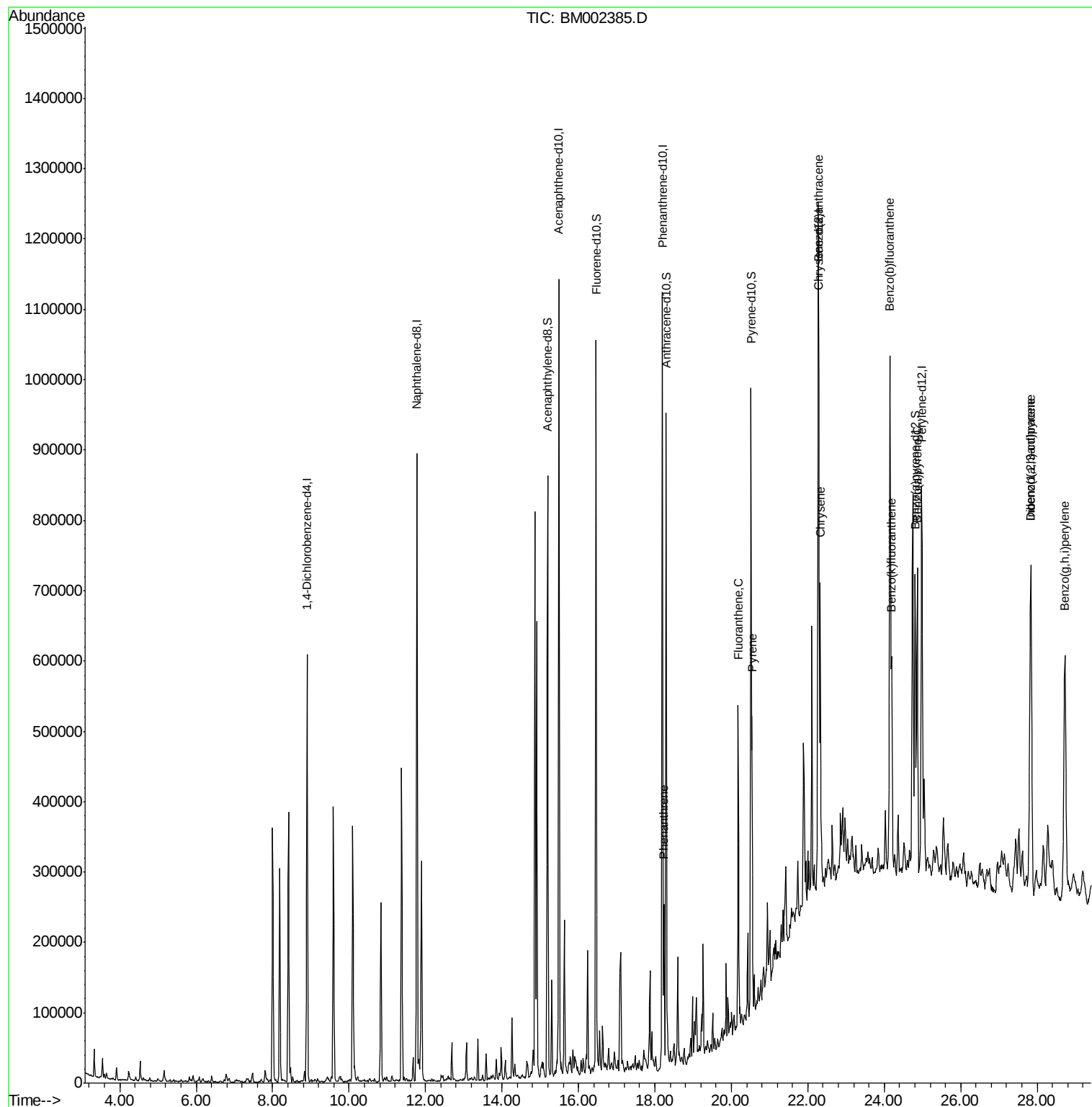
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002385.D
Acq On : 13 Aug 2015 05:50
Operator : UM/IZ
Sample : G3194-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

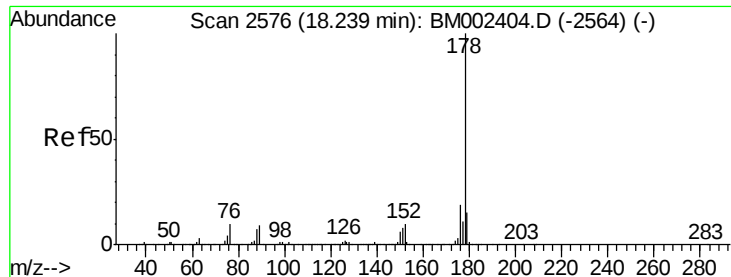
Instrument :
BNA_M
ClientSampleId :
D9D86

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:04:46 PM

Quant Time: Aug 13 06:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 05:08:41 2015
Response via : Initial Calibration





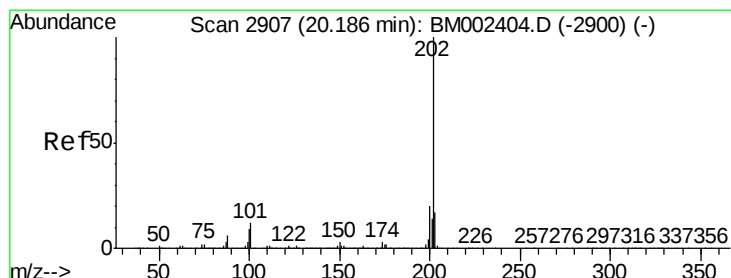
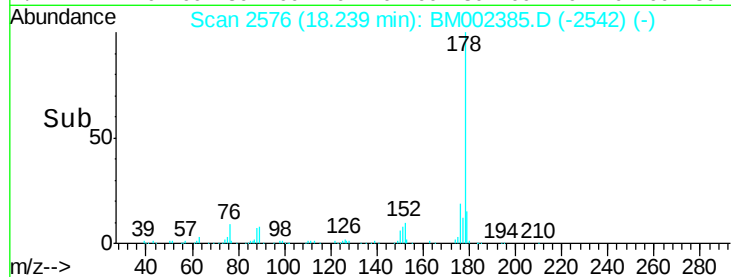
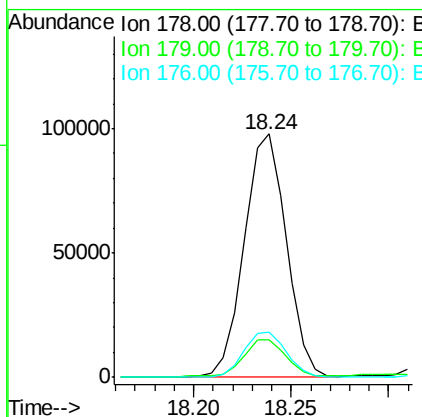
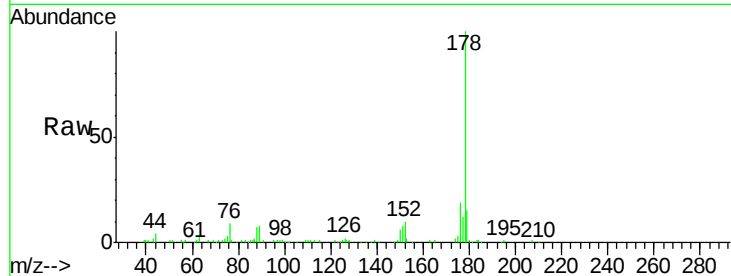
#13
Phenanthrene
Concen: 3.83 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Instrument :
BNA_M
ClientSampleId :
D9D86

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	146521		
179	15.4	12.3	18.5	
176	18.5	15.3	22.9	

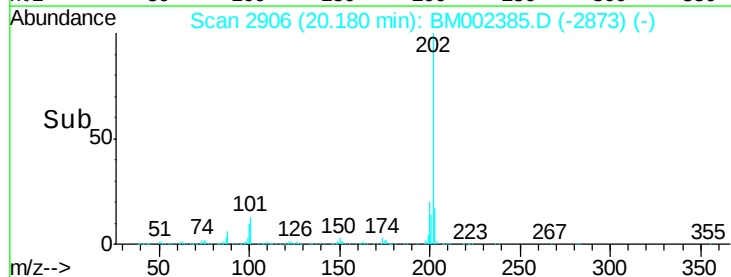
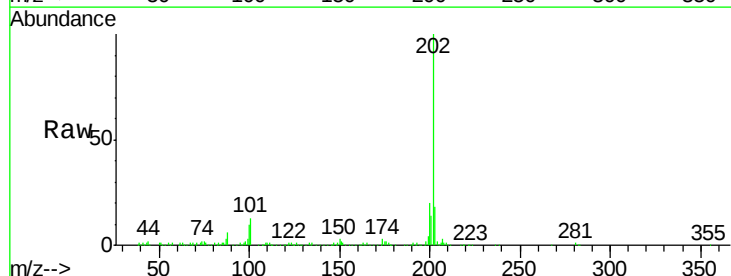
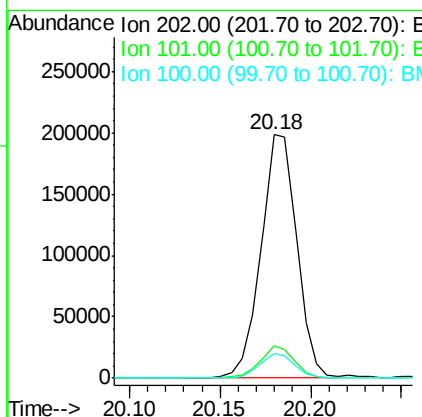
Manual Integrations
APPROVED

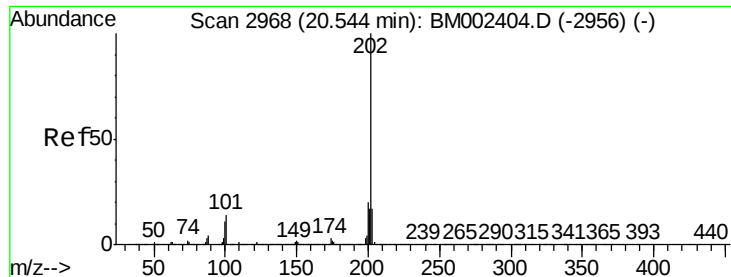
MMDadoda
8/14/2015 3:04:46 PM



#16
Fluoranthene
Concen: 6.40 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. -0.01 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	271557		
101	13.5	10.6	15.8	
100	9.9	8.2	12.4	





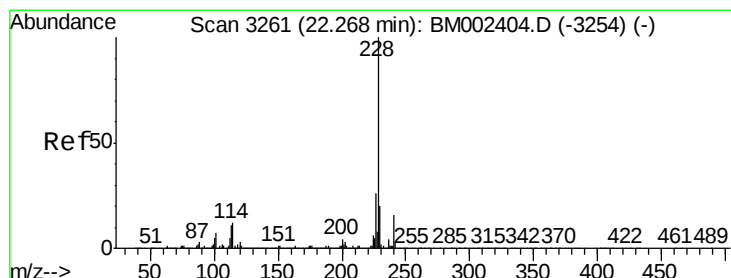
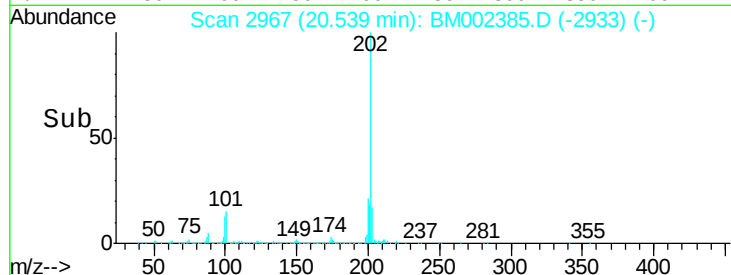
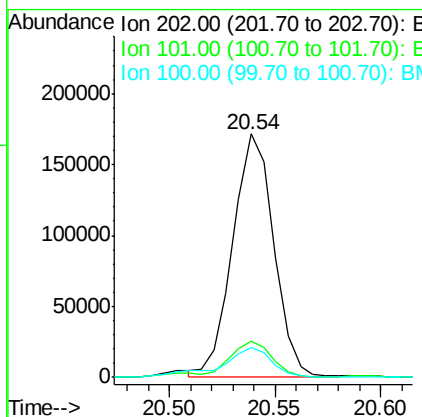
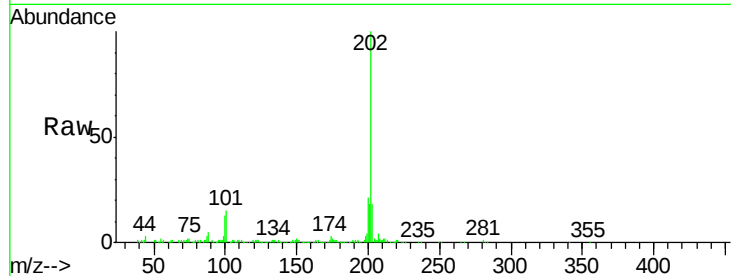
#19
Pyrene
Concen: 7.76 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Instrument :
BNA_M
ClientSampleId :
D9D86

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	13.0	19.6
100	12.5	11.0	16.4

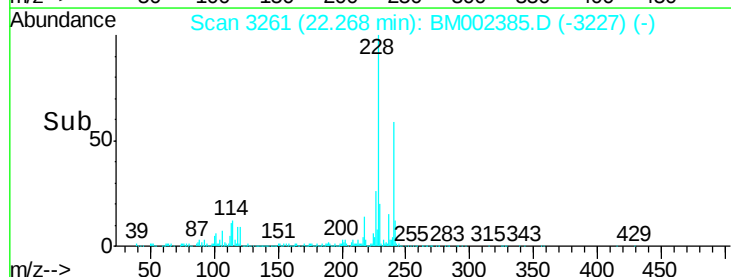
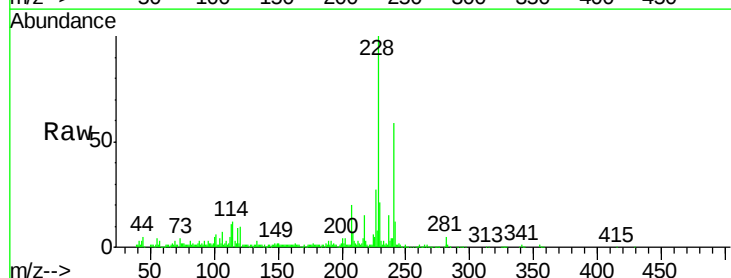
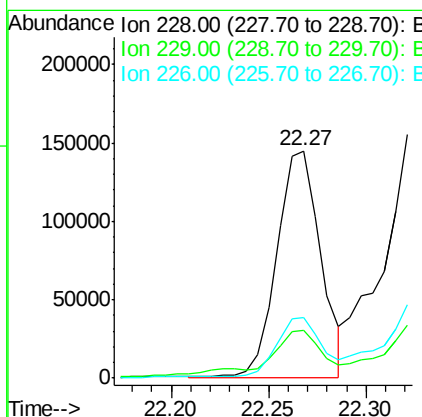
Manual Integrations
APPROVED

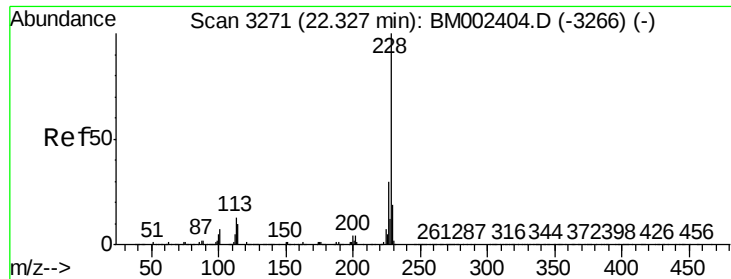
MMDadoda
8/14/2015 3:04:46 PM



#20
Benzo(a)anthracene
Concen: 7.99 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.7	23.5
226	26.5	21.4	32.0





#21

Chrysene

Concen: 11.04 ng/ul

RT: 22.33 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BM002385.D

Acq: 13 Aug 2015 05:50

Instrument :

BNA_M

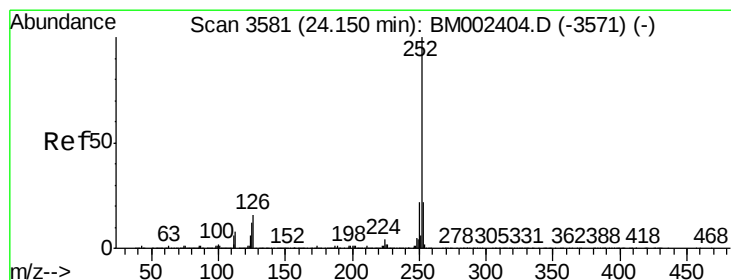
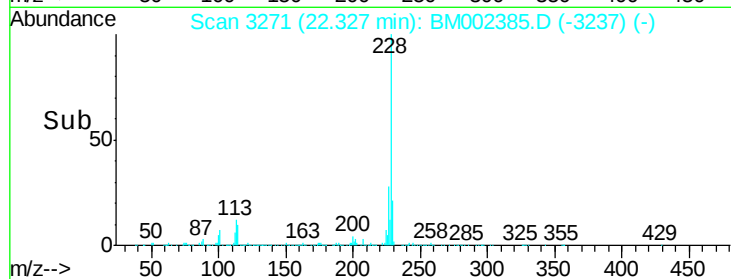
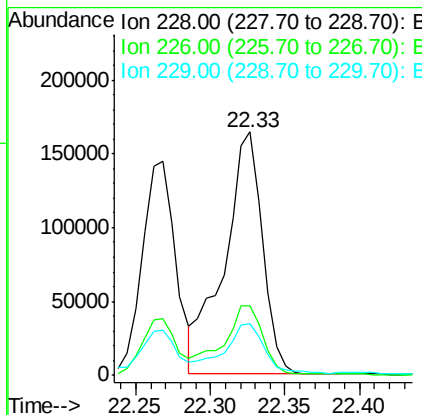
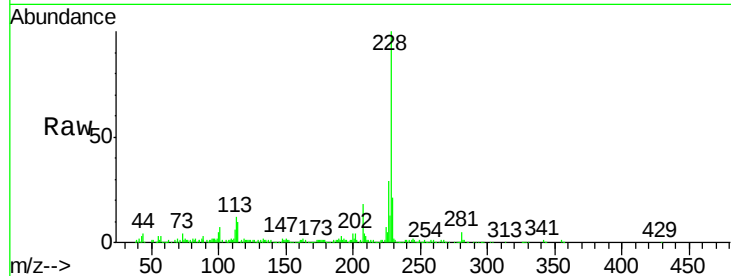
ClientSampleId :

D9D86

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	294086		
226	28.7	23.4	35.0	
229	21.5	15.5	23.3	

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:04:46 PM



#23

Benzo(b)fluoranthene

Concen: 25.68 ng/ul

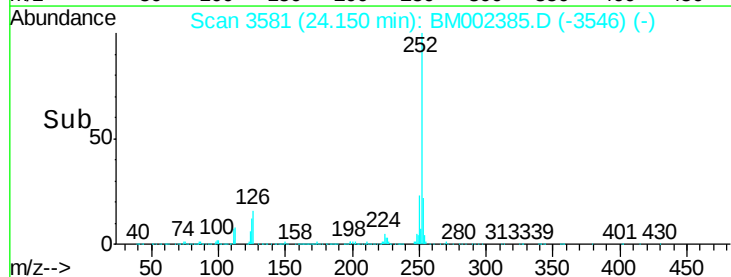
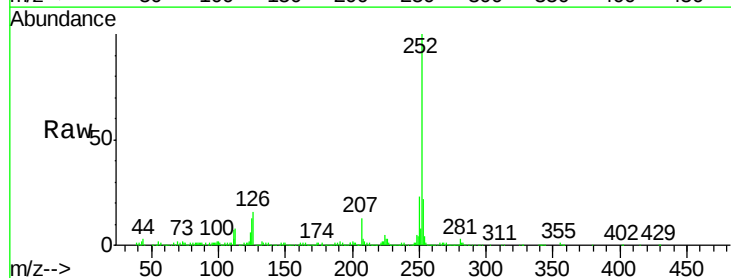
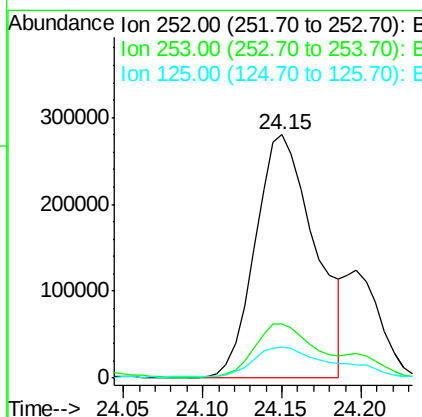
RT: 24.15 min Scan# 3581

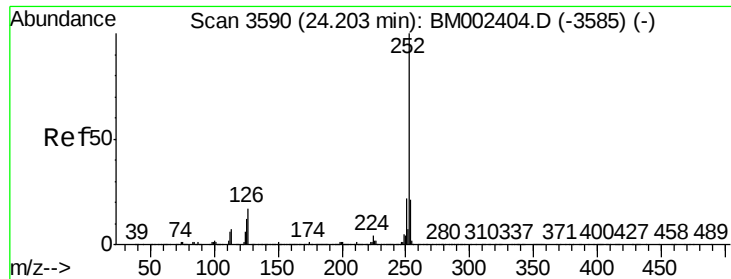
Delta R.T. 0.01 min

Lab File: BM002385.D

Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	730171		
253	22.2	17.9	26.9	
125	12.7	10.3	15.5	





#24

Benzo(k)fluoranthene

Concen: 7.02 ng/ul m

RT: 24.20 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BM002385.D

Acq: 13 Aug 2015 05:50

Instrument :

BNA_M

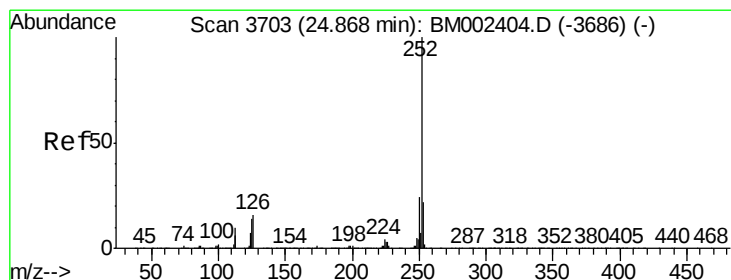
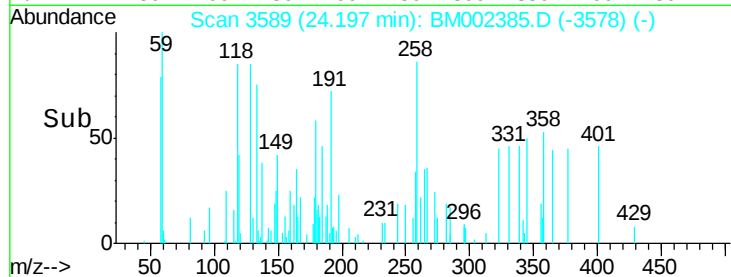
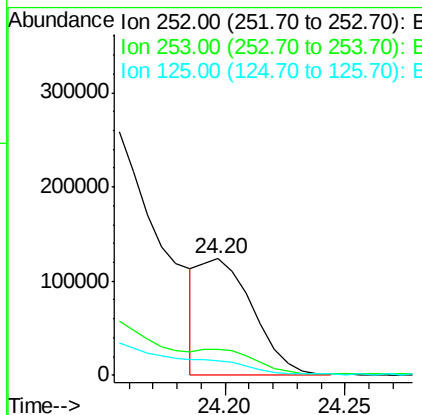
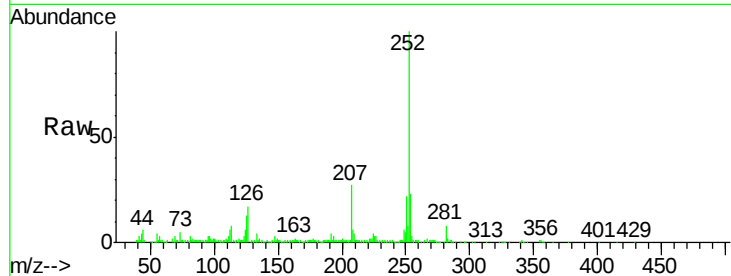
ClientSampleId :

D9D86

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	191652		
253	22.8	17.3	25.9	
125	12.9	10.2	15.4	

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:04:46 PM



#26

Benzo(a)pyrene

Concen: 13.48 ng/ul

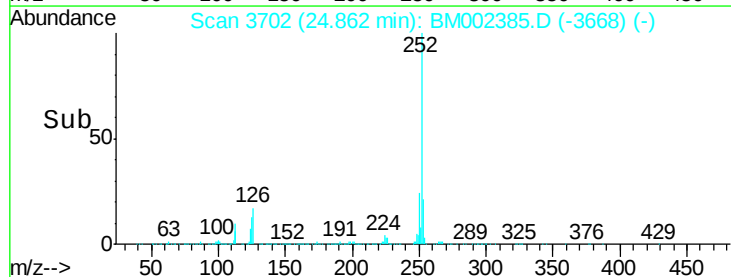
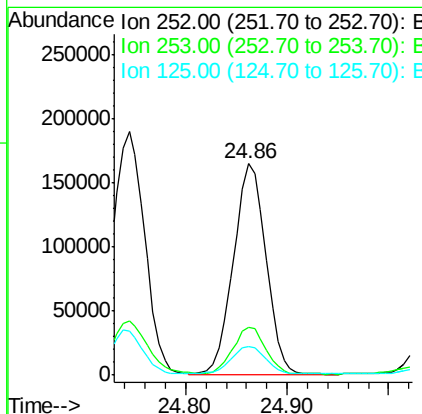
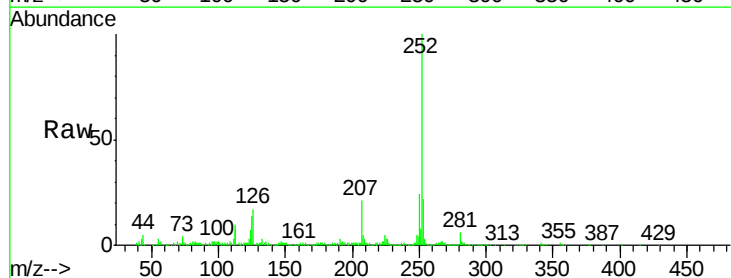
RT: 24.86 min Scan# 3702

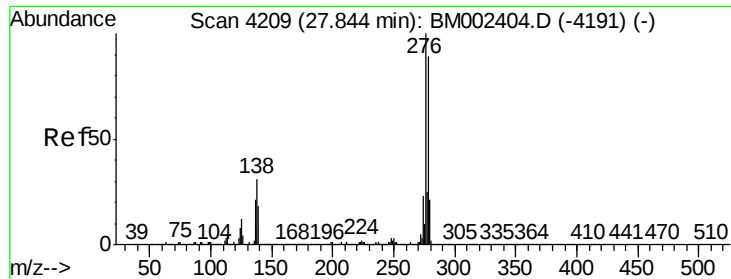
Delta R.T. -0.00 min

Lab File: BM002385.D

Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	366652		
253	22.3	17.3	25.9	
125	13.8	11.0	16.6	





#27

Indeno(1,2,3-cd)pyrene

Concen: 15.73 ng/ul

RT: 27.84 min Scan# 4208

Delta R.T. -0.00 min

Lab File: BM002385.D

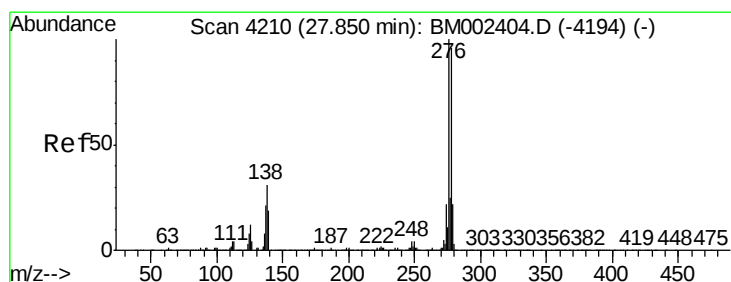
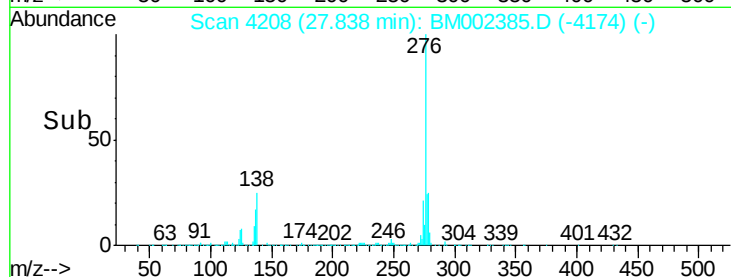
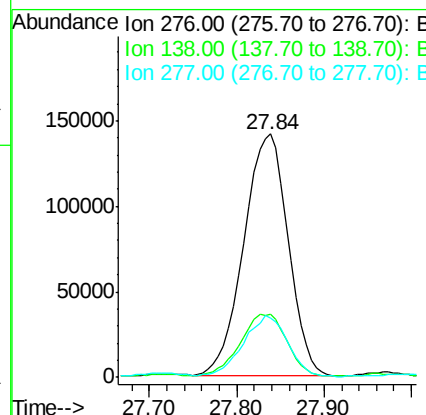
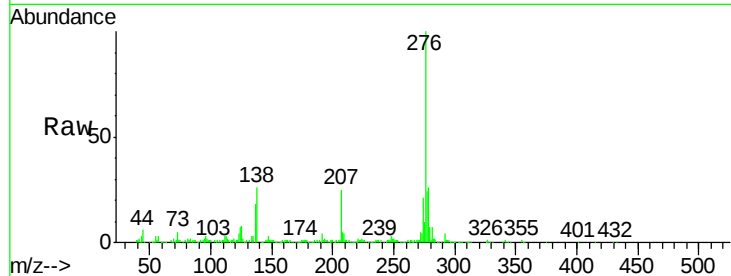
Acq: 13 Aug 2015 05:50

Instrument :
BNA_M
ClientSampleId :
D9D86

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	490627		
138	25.7	25.6	38.4	
277	24.5	21.0	31.4	

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:04:46 PM



#28

Dibenzo(a,h)anthracene

Concen: 6.10 ng/ul

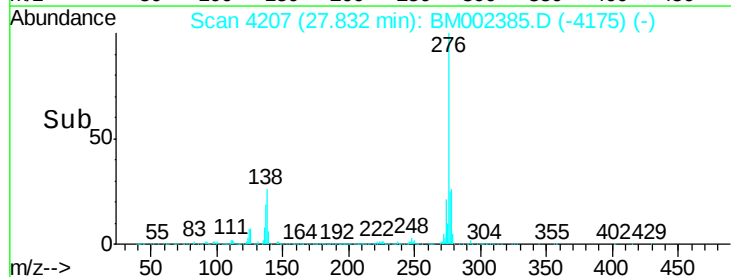
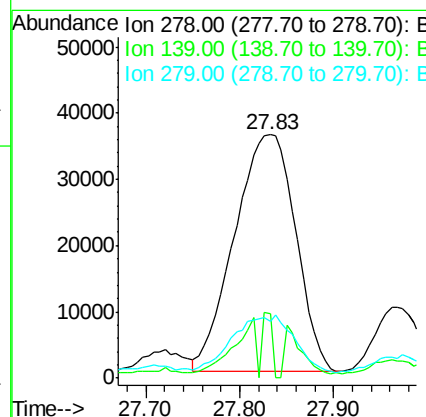
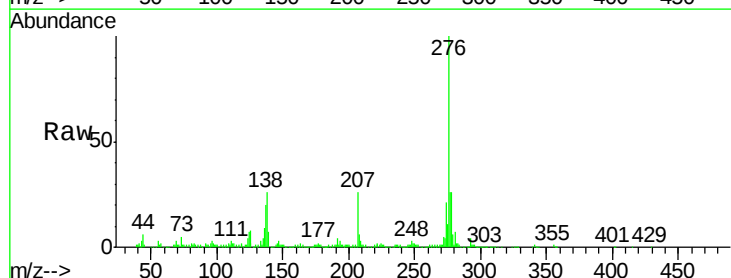
RT: 27.83 min Scan# 4207

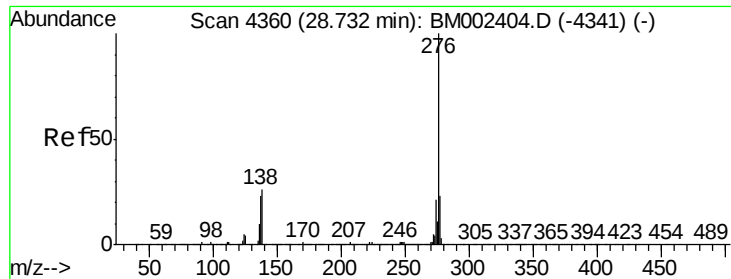
Delta R.T. -0.01 min

Lab File: BM002385.D

Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	161122		
139	26.3	16.4	24.6#	
279	23.5	18.8	28.2	





#29

Benzo(g,h,i)perylene

Concen: 18.50 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BM002385.D

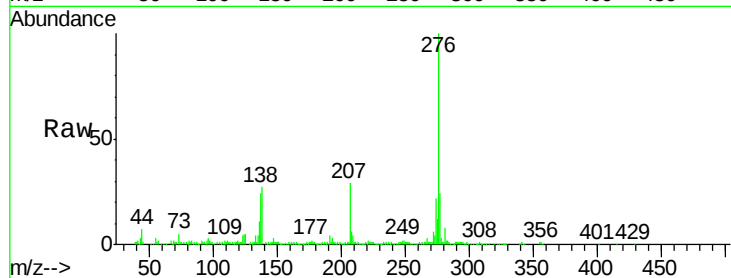
Acq: 13 Aug 2015 05:50

Instrument :

BNA_M

ClientSampleId :

D9D86



Tgt Ion: 276 Resp: 486723

Ion Ratio Lower Upper

276 100

138 26.7 20.5 30.7

277 23.6 19.0 28.6

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:04:46 PM

