Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
Data File : BM003189.D
Acq On : 19 Nov 2015 13:10
Operator : UM/IZ
Sample : G4323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:04 PM

Quant Time: Nov 26 17:44:25 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	13809	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	53475	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29229	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	64334m	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	61864	0.40	ng/ul	0.00
22) Perylene-d12	23.60	264	61518m	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	62384	4.23	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	17161	0.24	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	37788	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	8632	0.06	ng/ul#	95
7) 2-Methylnaphthalene	12.19	142	892	0.01	ng/ul#	100
9) Acenaphthylene	14.11	152	4670	0.04	ng/ul#	92
13) Pentachlorophenol	16.78	266	3611	0.24	ng/ul#	15
14) Phenanthrene	17.17	178	24195	0.13	ng/ul	96
17) Fluoranthene	19.20	202	53389m	0.26	ng/ul	
19) Pyrene	19.57	202	57601	0.27	ng/ul#	93
20) Benzo(a)anthracene	21.31	228	27920	0.16	ng/ul#	90
21) Chrysene	21.36	228	31402m	0.16	ng/ul	
23) Benzo(b)fluoranthene	22.91	252	44034m	0.19	ng/ul	
25) Benzo(a)pyrene	23.49	252	29540m	0.14	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.87	276	23115m	0.09	ng/ul	
28) Benzo(g,h,i)perylene	26.57	276	22716m	0.10	ng/ul	

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

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Quant Time: Nov 26 17:44:25 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
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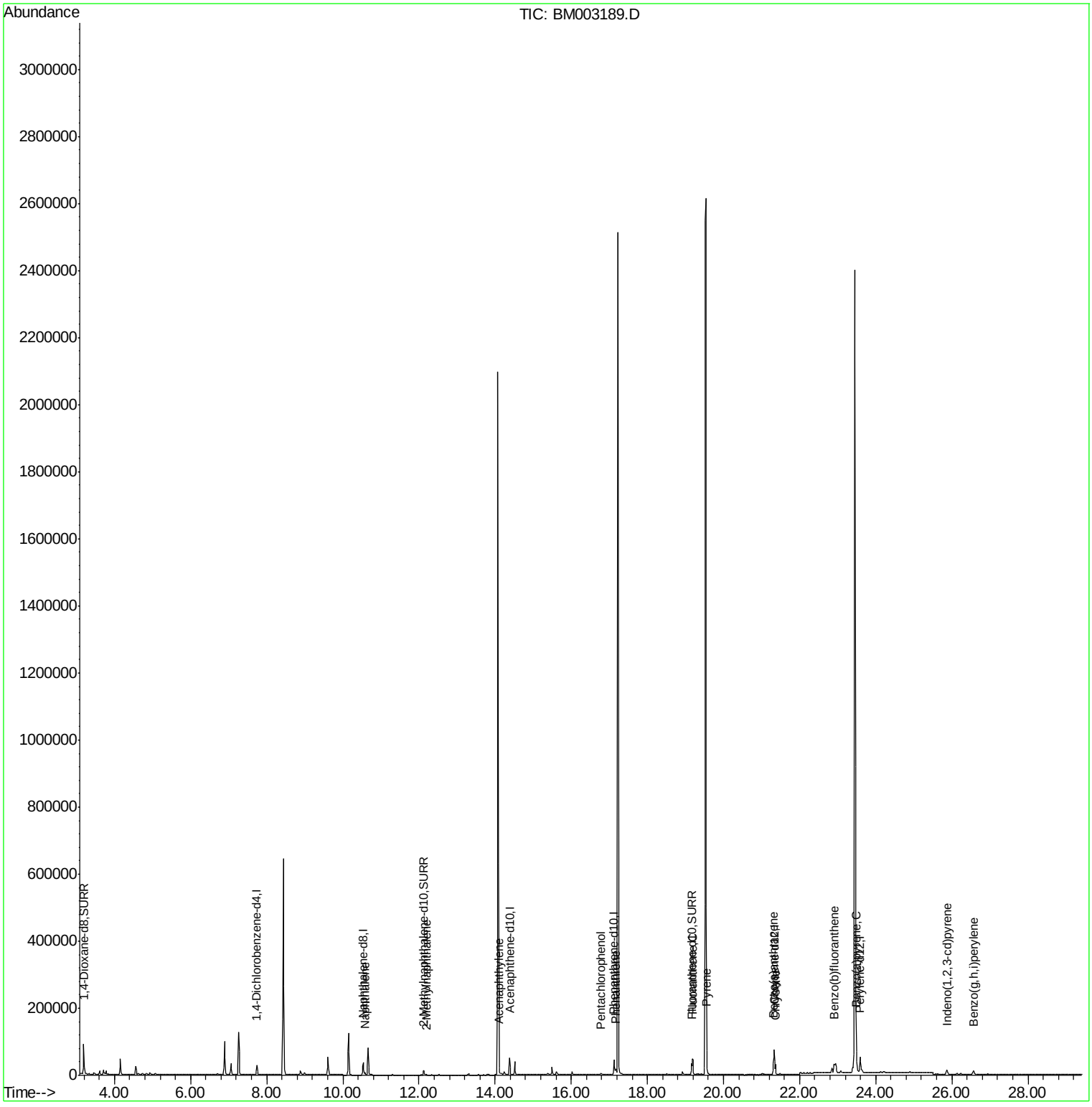
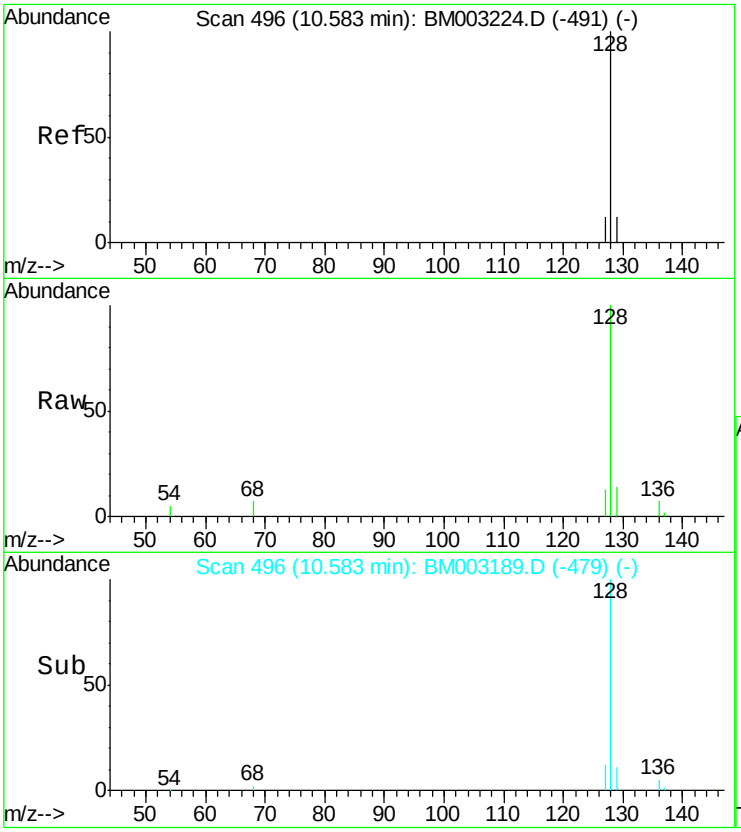
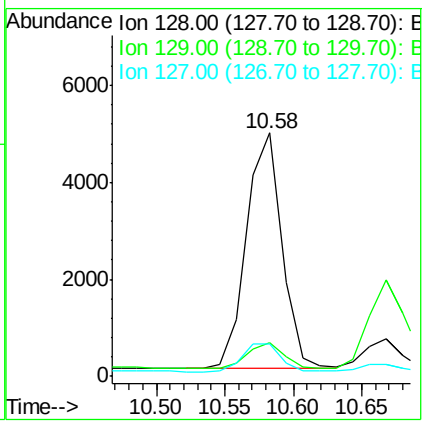




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:128 Resp: 8632

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.0	13.6#
127	13.4	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
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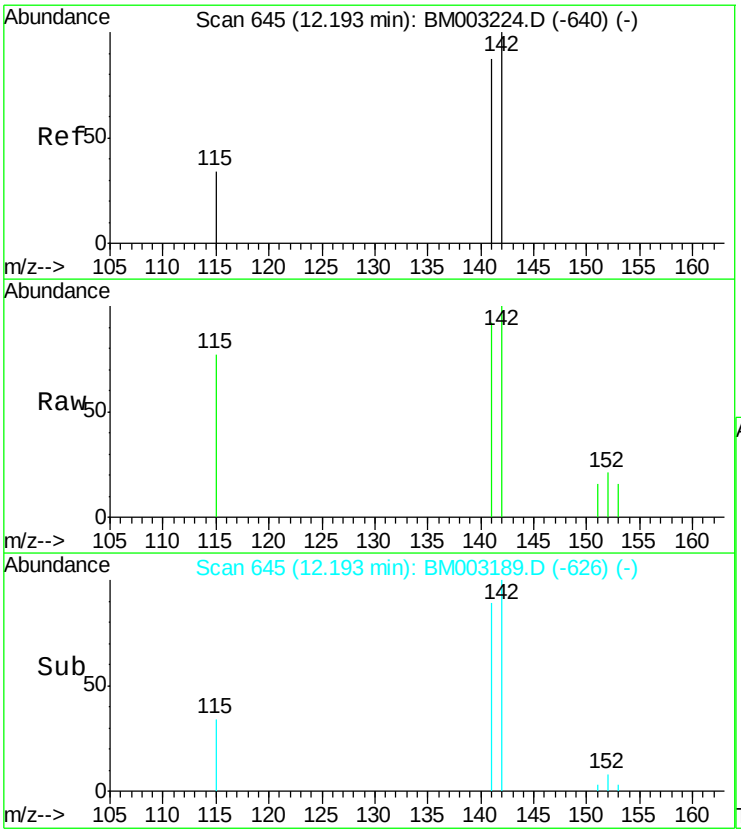
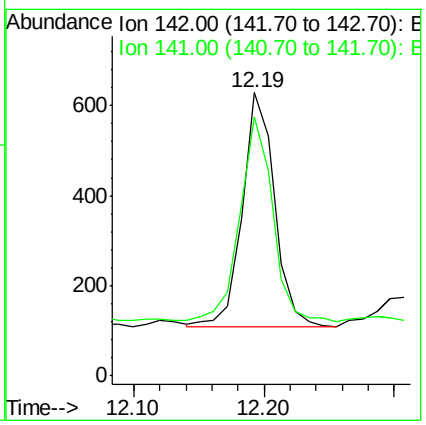
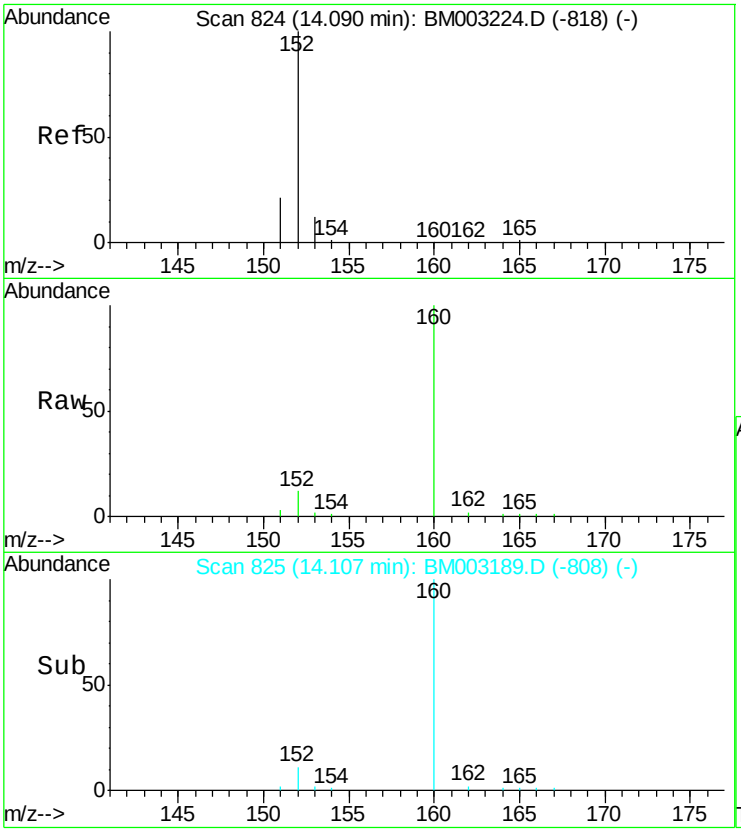


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:142 Resp: 892

Ion	Ratio	Lower	Upper
142	100		
141	89.9	0.0	0.0#

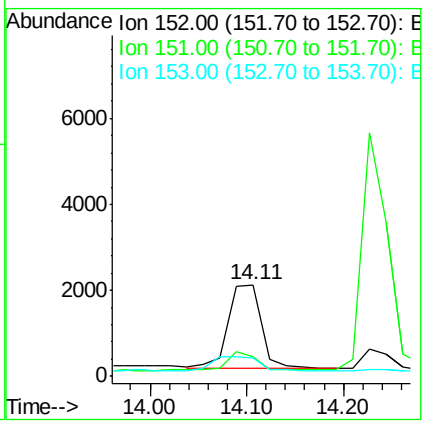




#9
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.11 min Scan# 825
Delta R.T. 0.02 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:152 Resp: 4670

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.6	26.4
153	19.9	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4HT2

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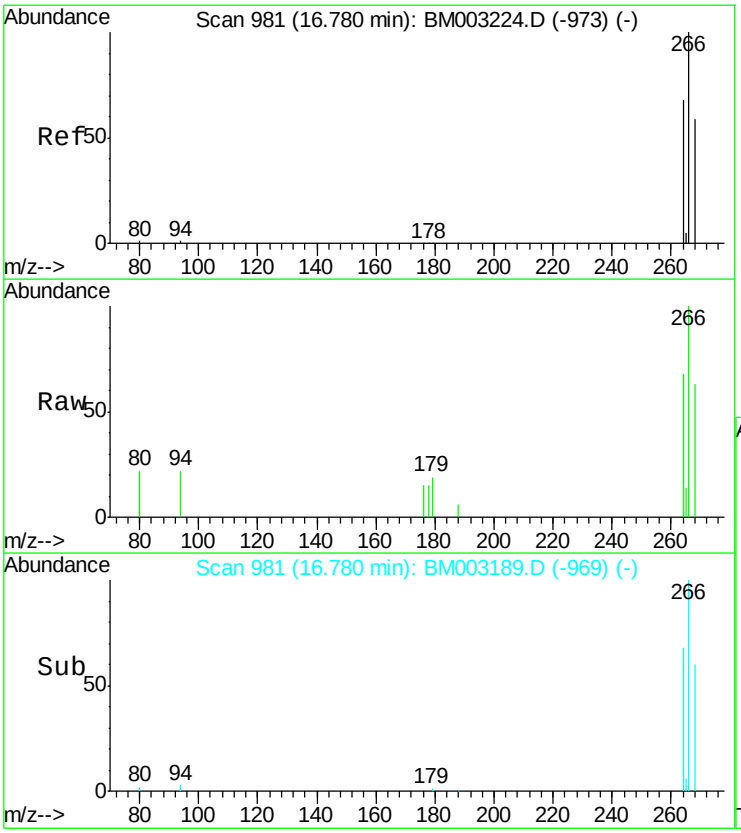
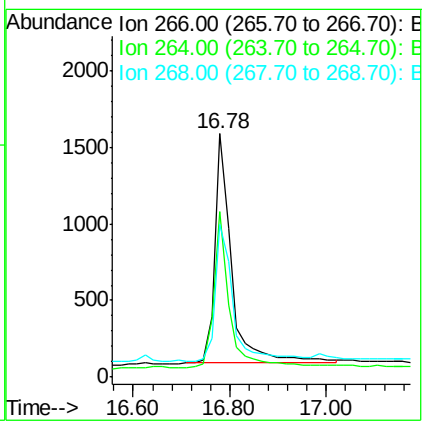
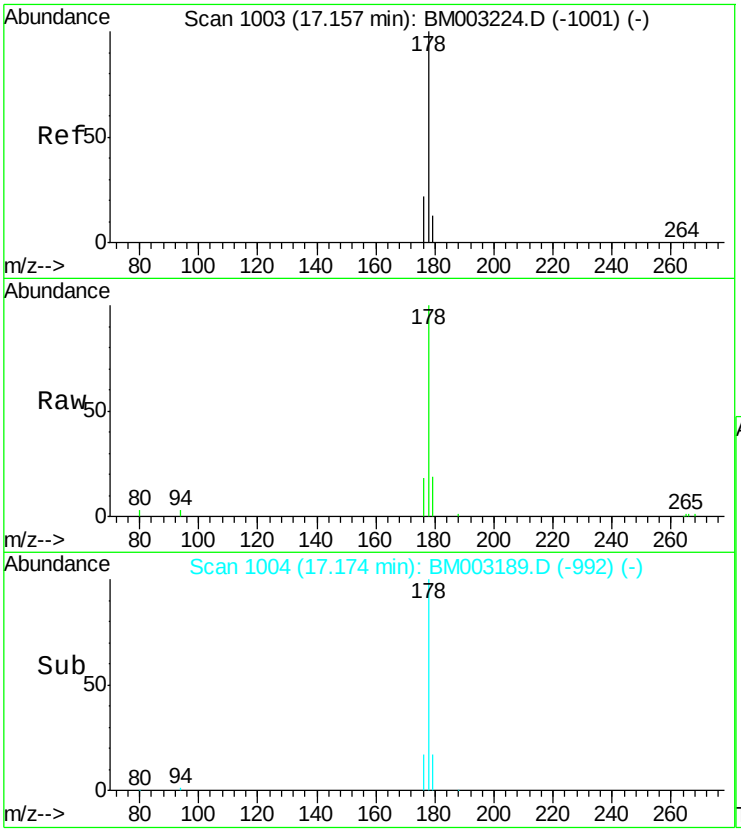


#13
Pentachlorophenol
Concen: 0.24 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:266 Resp: 3611

Ion	Ratio	Lower	Upper
266	100		
264	64.4	0.3	0.5#
268	64.8	0.0	0.0#

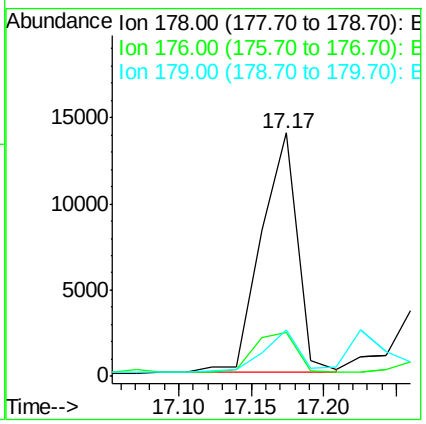




#14
Phenanthrene
Concen: 0.13 ng/ul
RT: 17.17 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:178 Resp: 24195

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.0	19.4
179	18.8	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
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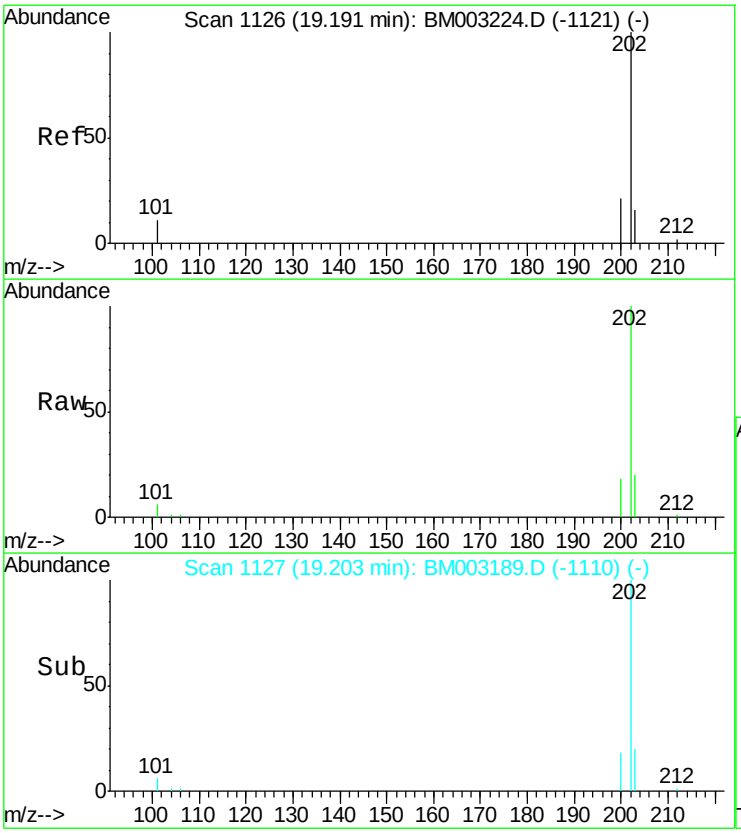
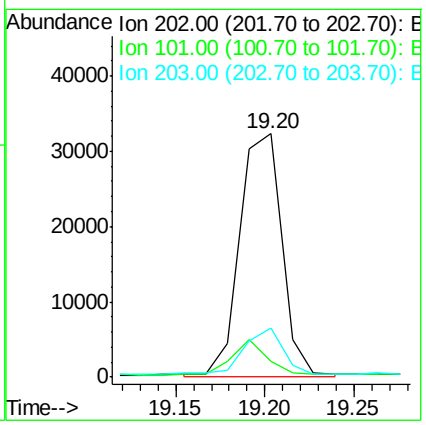
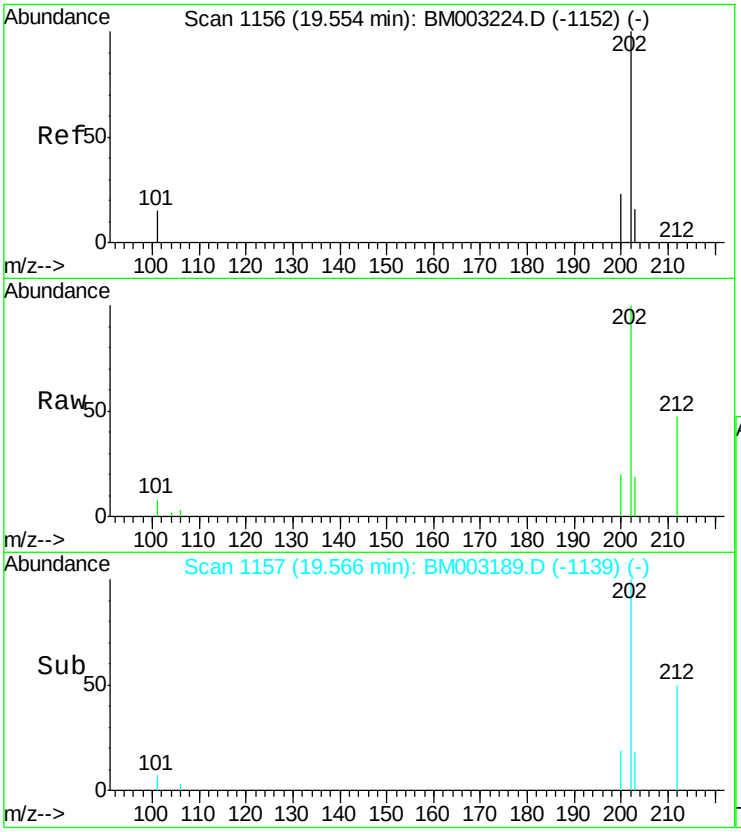


#17
Fluoranthene
Concen: 0.26 ng/ul m
RT: 19.20 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:202 Resp: 53389

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	29.6
203	20.1	0.0	36.3





#19
Pyrene
Concen: 0.27 ng/ul
RT: 19.57 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:202 Resp: 57601

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.8	26.8
203	19.3	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
A4HT2

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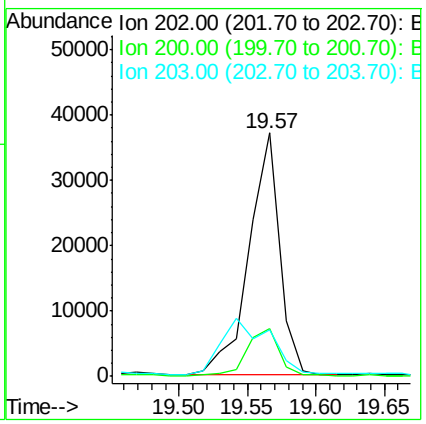
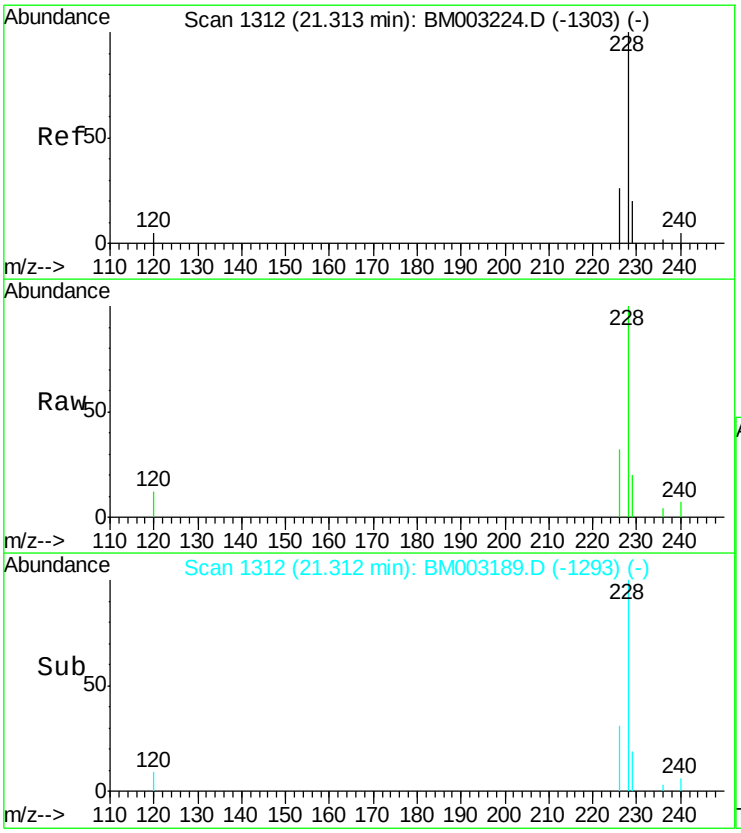
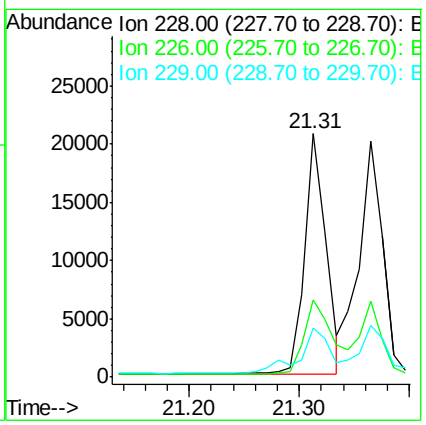


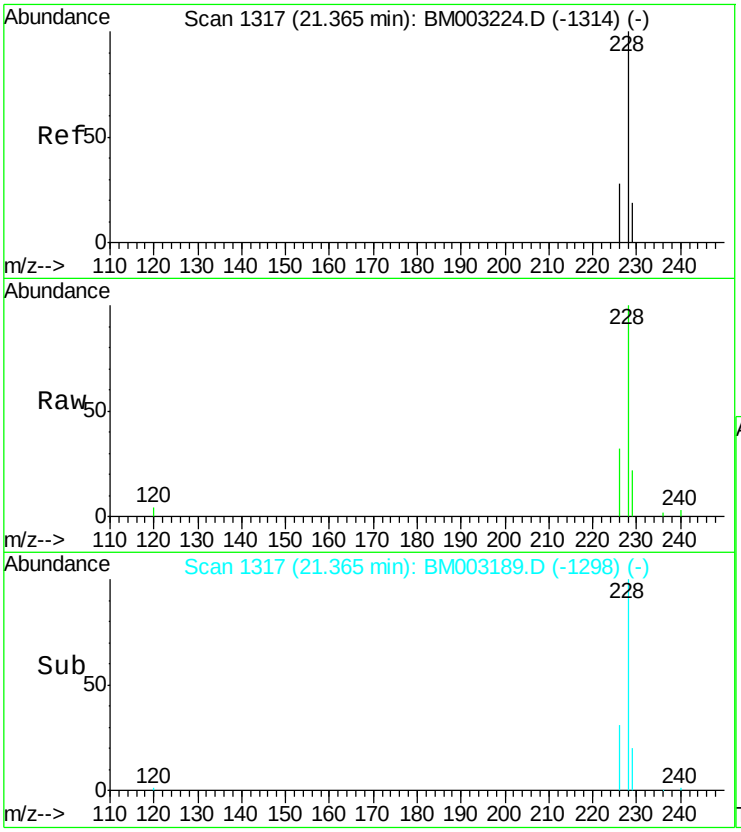


#20
Benzo(a)anthracene
Concen: 0.16 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:228 Resp: 27920

Ion	Ratio	Lower	Upper
228	100		
226	31.7	18.8	28.2#
229	20.2	17.1	25.7

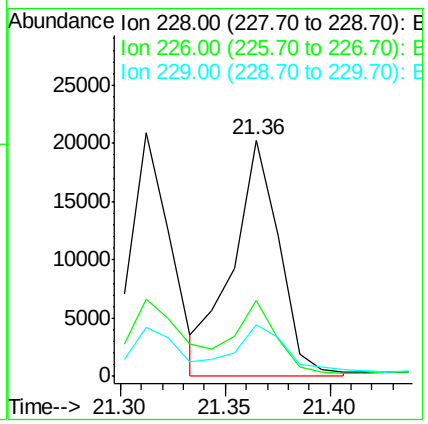




#21
Chrysene
Concen: 0.16 ng/ul m
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:228 Resp: 31402

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.2	31.8#
229	21.7	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
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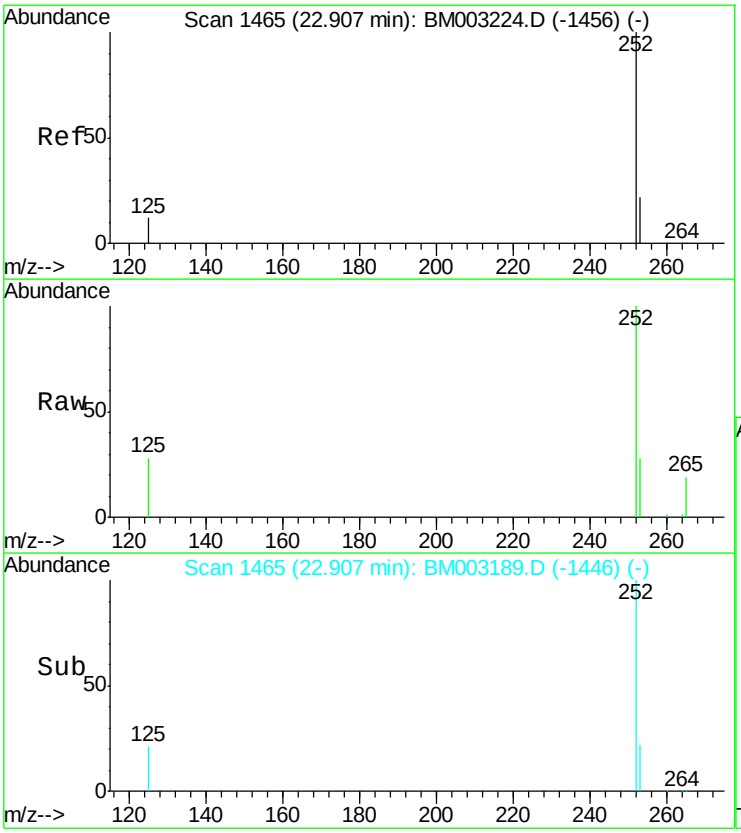
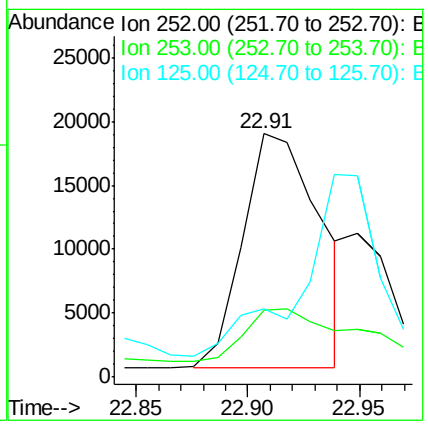
11/20/2015 7:00:04 PM

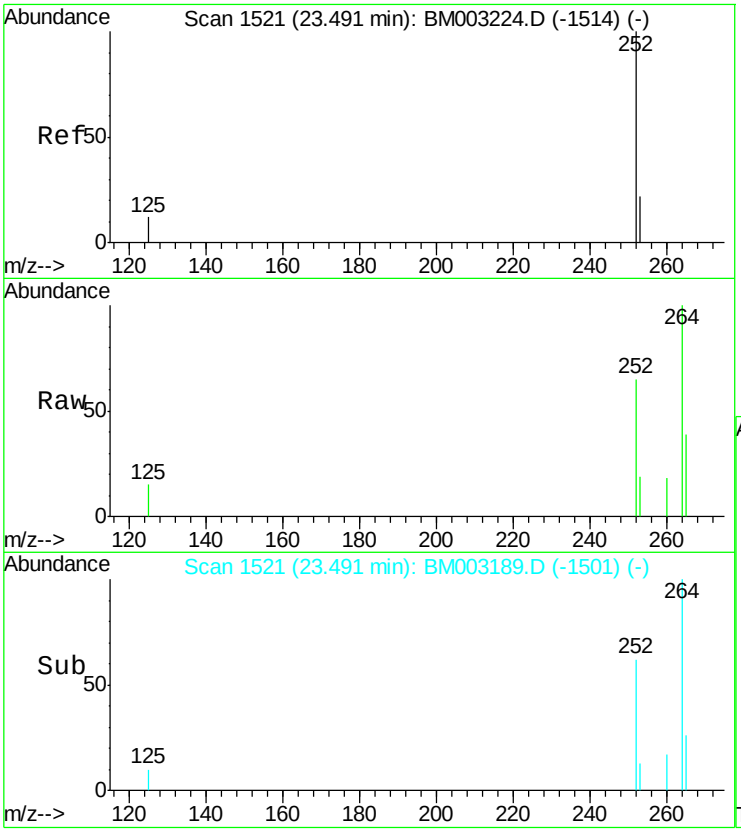


#23
Benzo(b)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:252 Resp: 44034

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	45.4
125	28.3	0.0	28.8

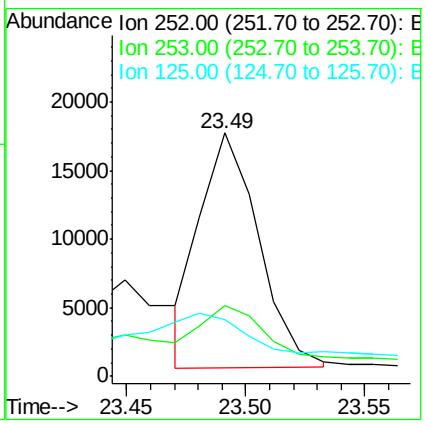




#25
Benzo(a)pyrene
Concen: 0.14 ng/ul m
RT: 23.49 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:252 Resp: 29540

Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.4	29.2
125	23.1	12.7	19.1#



Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
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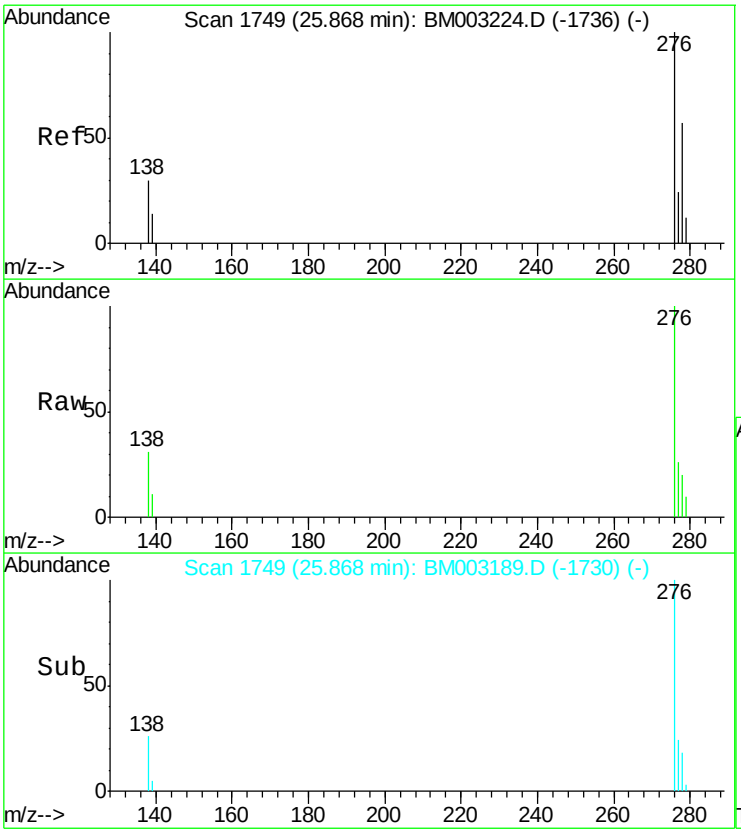
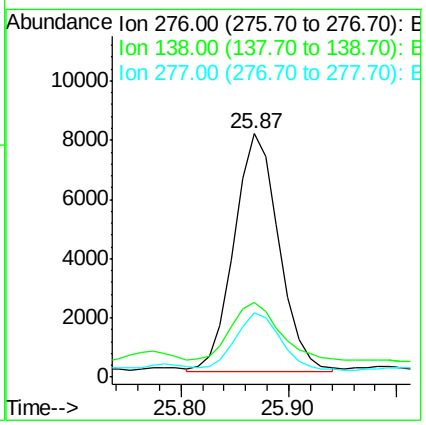
11/20/2015 7:00:04 PM

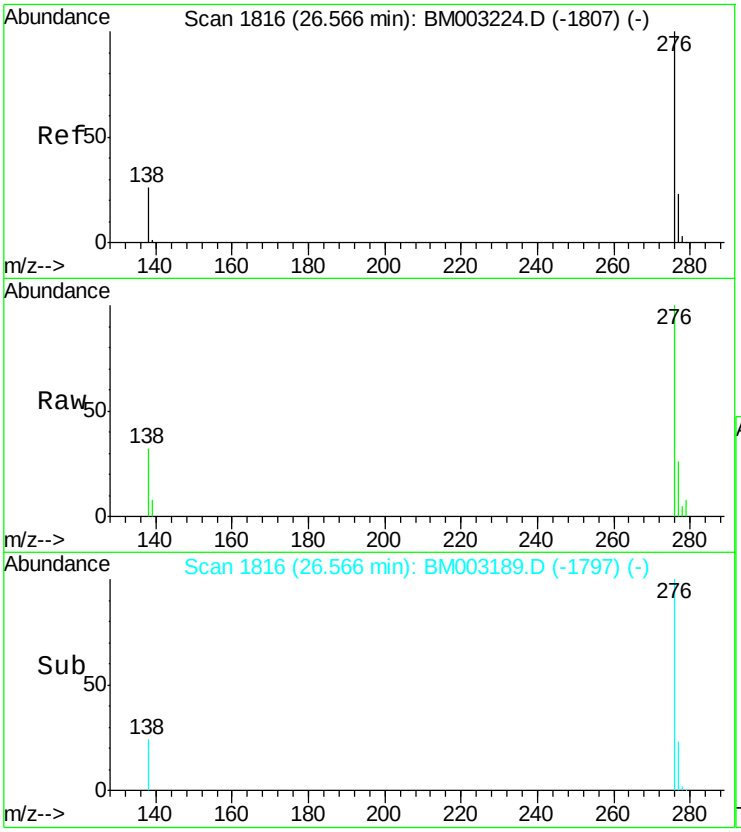


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul m
RT: 25.87 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:276 Resp: 23115

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0

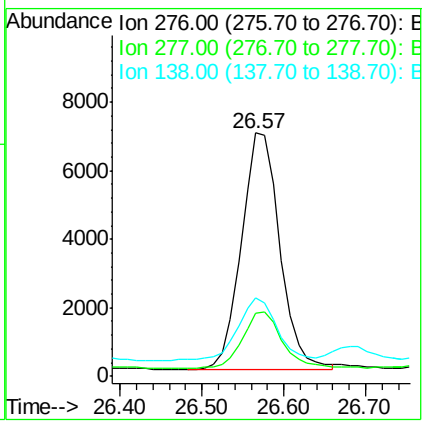




#28
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul m
RT: 26.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM003189.D
Acq: 19 Nov 2015 13:10

Tgt Ion:276 Resp: 22716

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	32.4	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
A4HT2

Manual Integrations APPROVED
Mmdadoda
11/20/2015 7:00:04 PM