Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008178.D
Acq On : 03 Dec 2016 04:10
Operator : UM/SJ
Sample : H5730-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WH6DL

Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

Quant Time: Dec 03 05:08:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	500	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	1641	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	855	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	1527	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1385	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	1545	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	121	0.05	ng/ul	0.02
14) Fluoranthene-d10	19.13	212	347	0.08	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.12	178	1730	0.36	ng/ul	97
13) Anthracene	17.23	178	282m	0.06	ng/ul	
15) Fluoranthene	19.15	202	2695	0.44	ng/ul	98
17) Pyrene	19.51	202	2434	0.51	ng/ul	98
18) Benzo(a)anthracene	21.28	228	902	0.21	ng/ul#	84
19) Chrysene	21.32	228	1097	0.21	ng/ul#	87
21) Benzo(b)fluoranthene	22.85	252	1877m	0.30	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	534m	0.08	ng/ul	
23) Benzo(a)pyrene	23.42	252	1049	0.18	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.78	276	946	0.13	ng/ul#	88
26) Benzo(g,h,i)perylene	26.47	276	707	0.11	ng/ul#	78

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

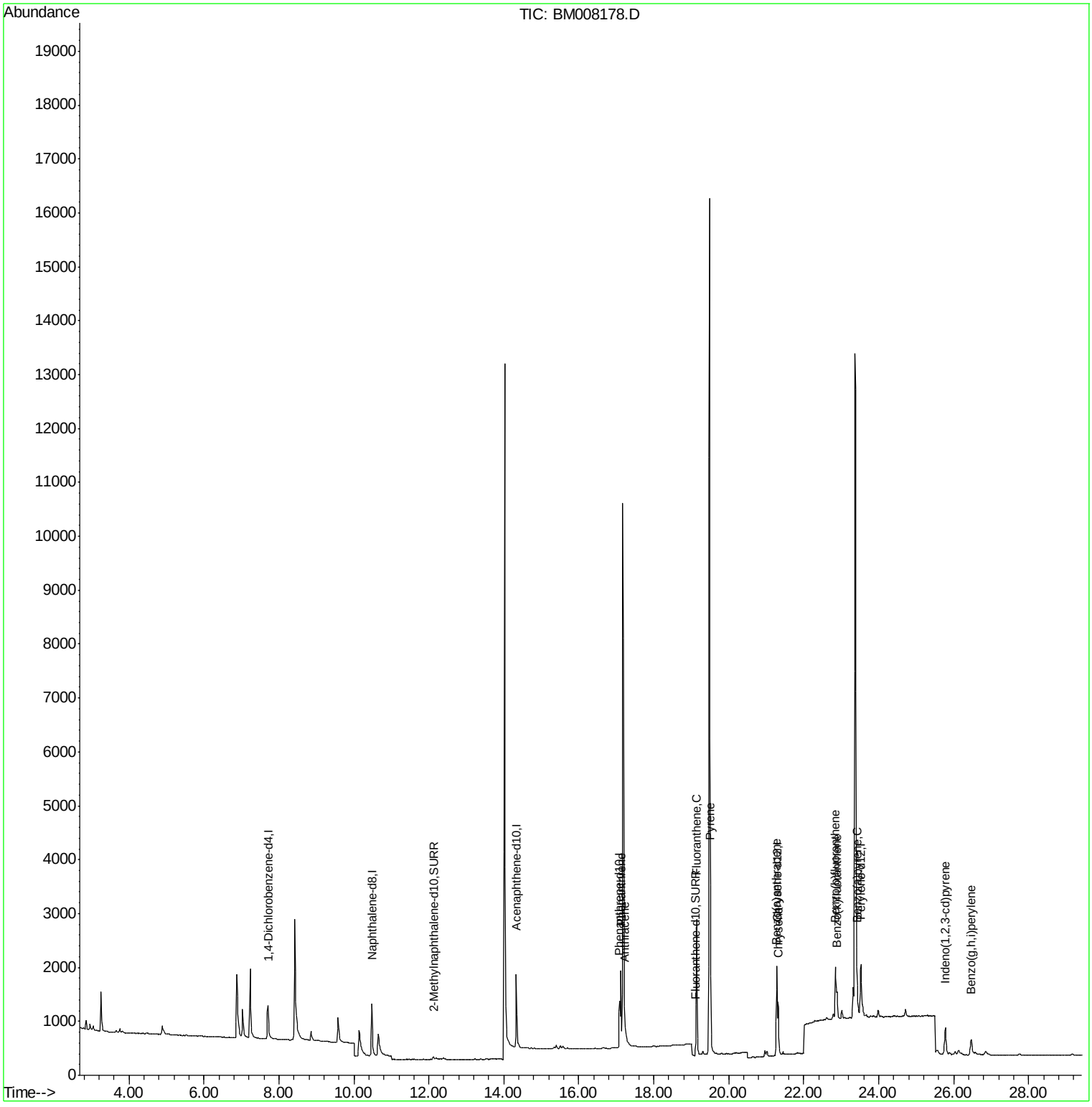
Quantitation Report (QT Reviewed)

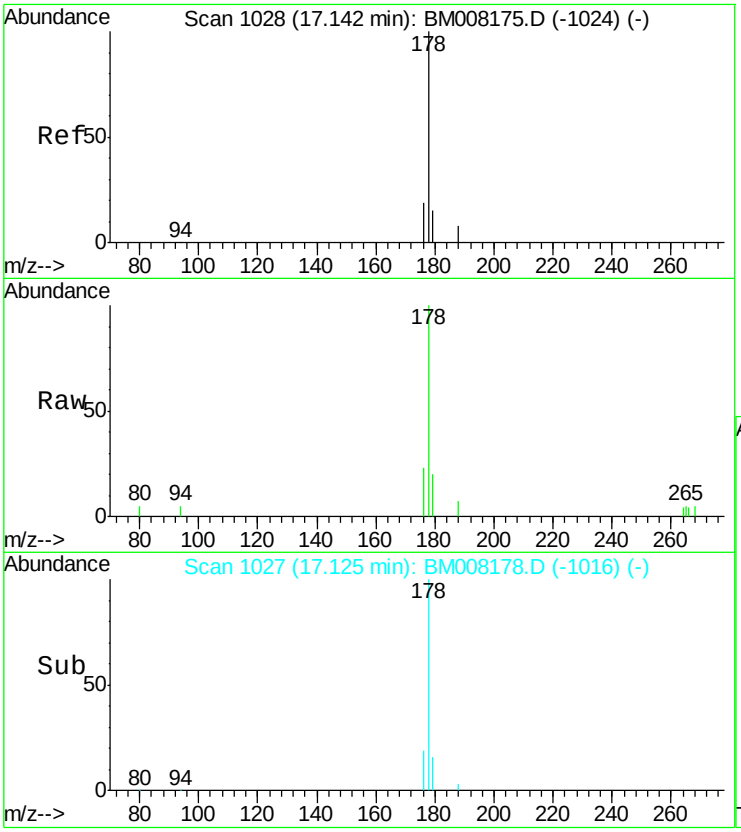
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008178.D
Acq On : 03 Dec 2016 04:10
Operator : UM/SJ
Sample : H5730-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 03 05:08:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WH6DL

Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

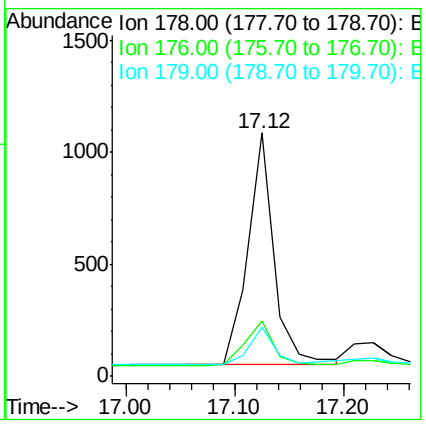




#12
Phenanthrene
Concen: 0.36 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

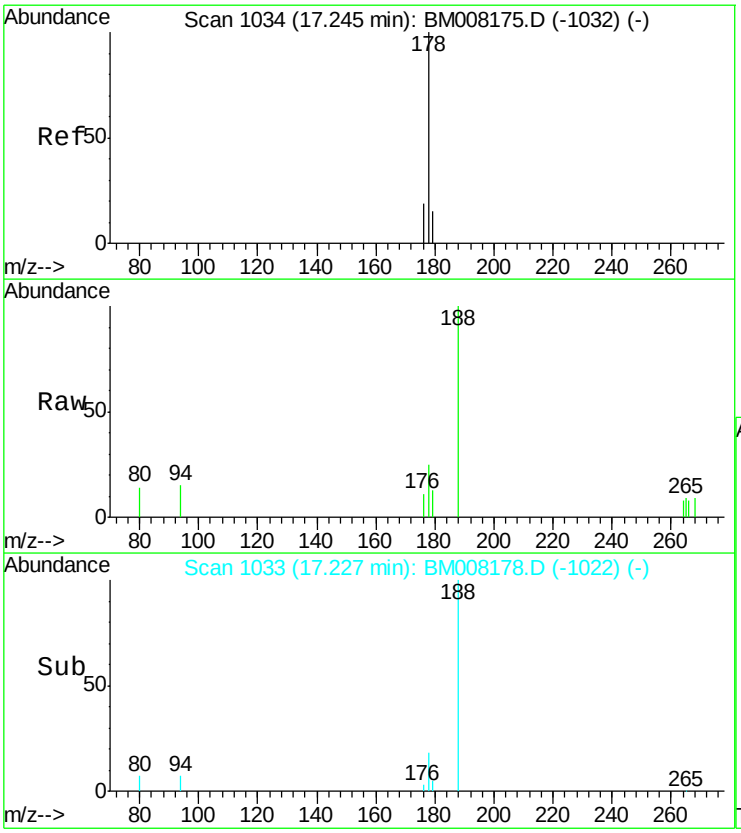
Tgt Ion:178 Resp: 1730

Ion	Ratio	Lower	Upper
178	100		
176	22.5	18.4	27.6
179	20.0	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
A4WH6DL

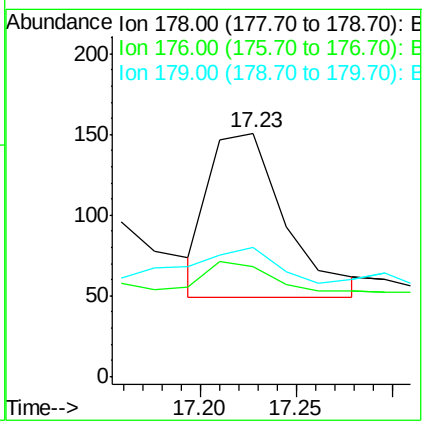
Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

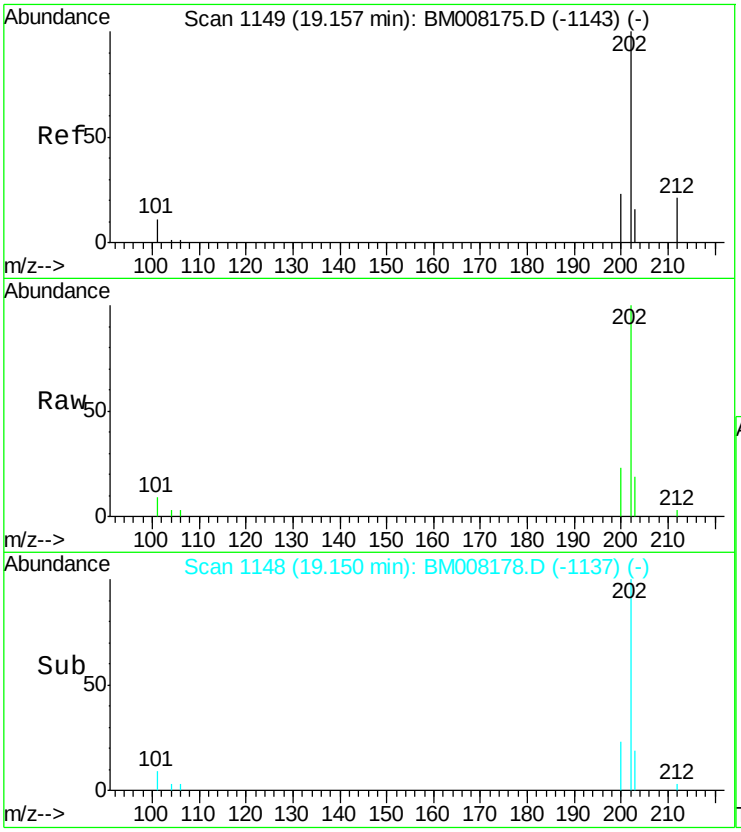


#13
Anthracene
Concen: 0.06 ng/ul m
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

Tgt Ion:178 Resp: 282

Ion	Ratio	Lower	Upper
178	100		
176	45.0	18.1	27.1#
179	53.0	14.7	22.1#

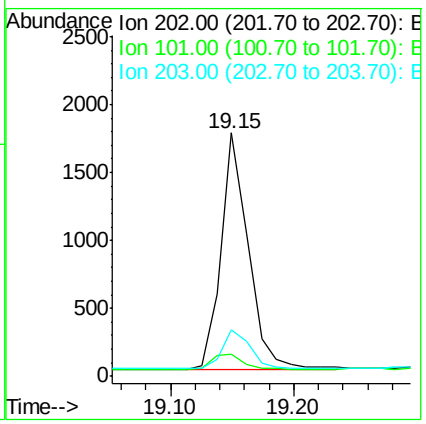




#15
Fluoranthene
Concen: 0.44 ng/ul
RT: 19.15 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

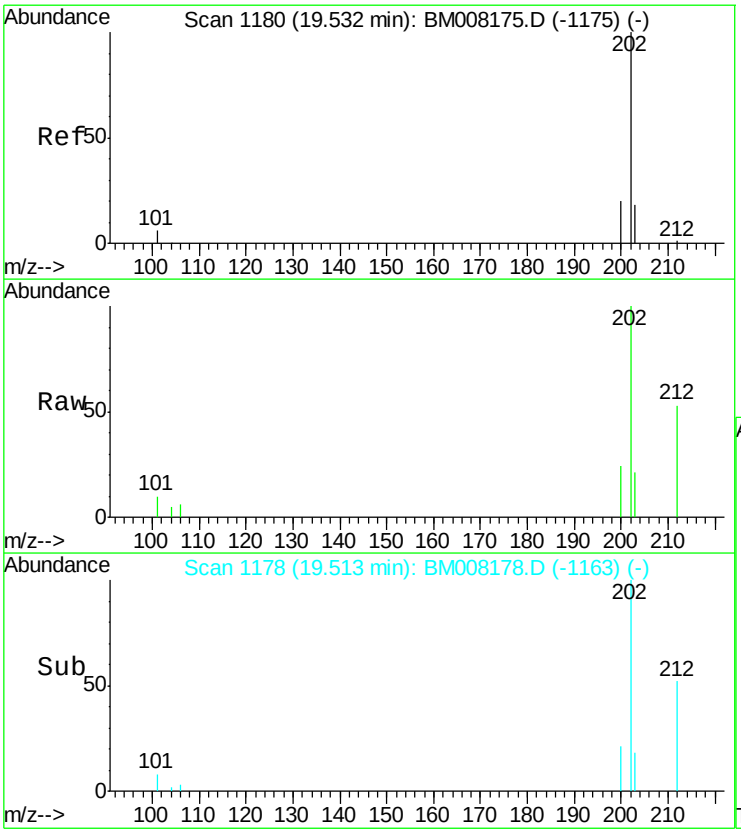
Tgt Ion:202 Resp: 2695

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
203	19.1	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
A4WH6DL

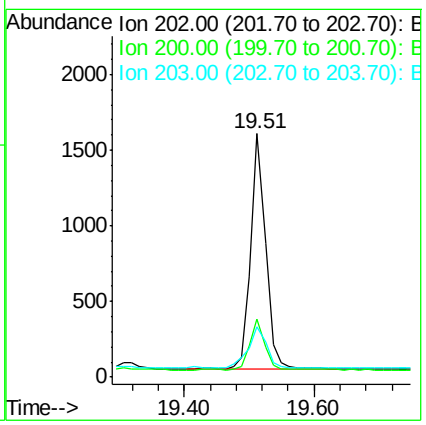
Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

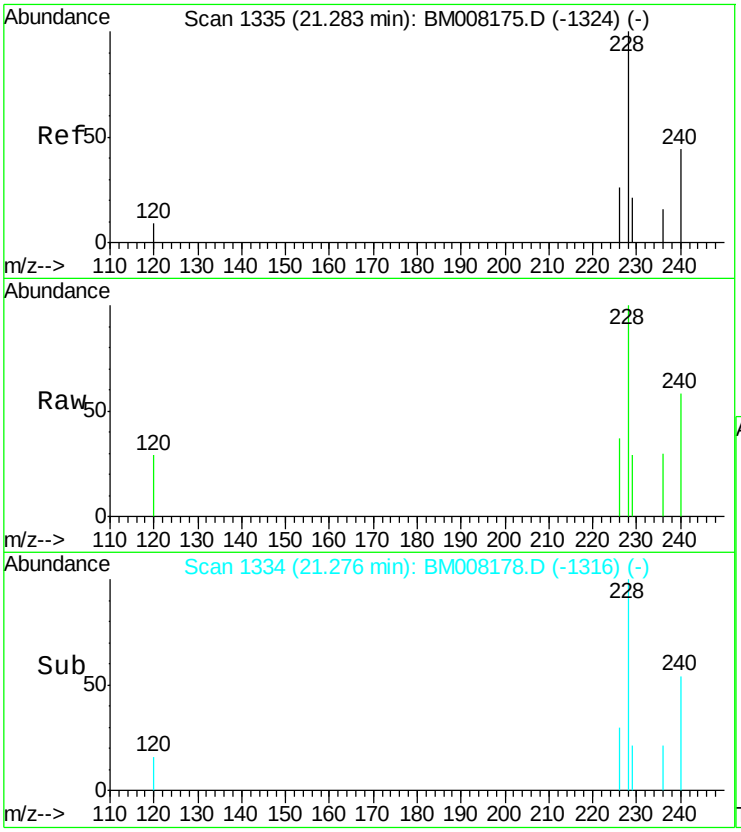


#17
Pyrene
Concen: 0.51 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

Tgt Ion:202 Resp: 2434

Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.2	27.4
203	20.7	15.6	23.4

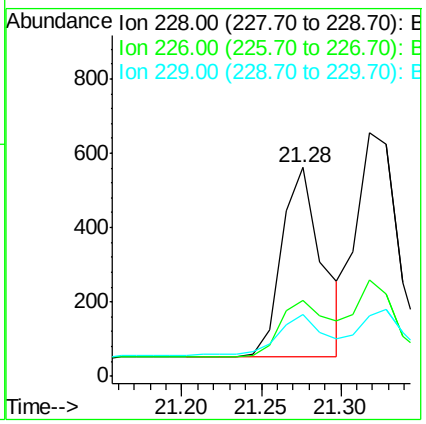




#18
Benzo(a)anthracene
Concen: 0.21 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

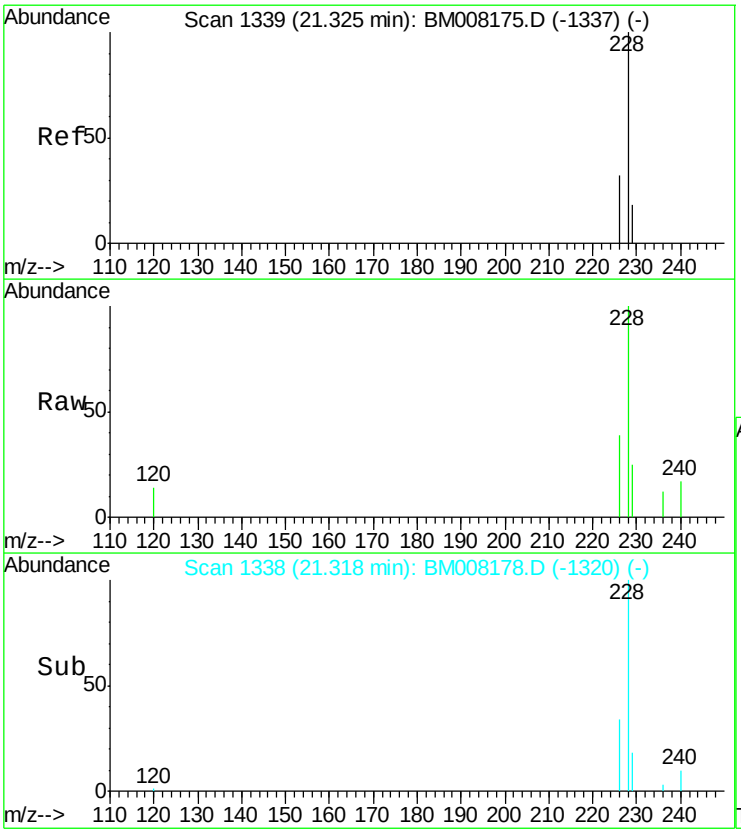
Tgt Ion:228 Resp: 902

Ion	Ratio	Lower	Upper
228	100		
226	36.5	22.8	34.2#
229	29.4	17.0	25.6#



Instrument :
BNA_M
ClientSampleId :
A4WH6DL

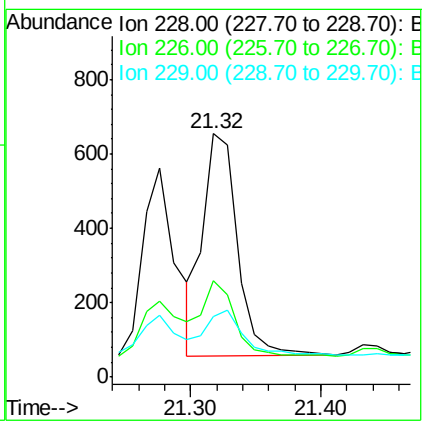
Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

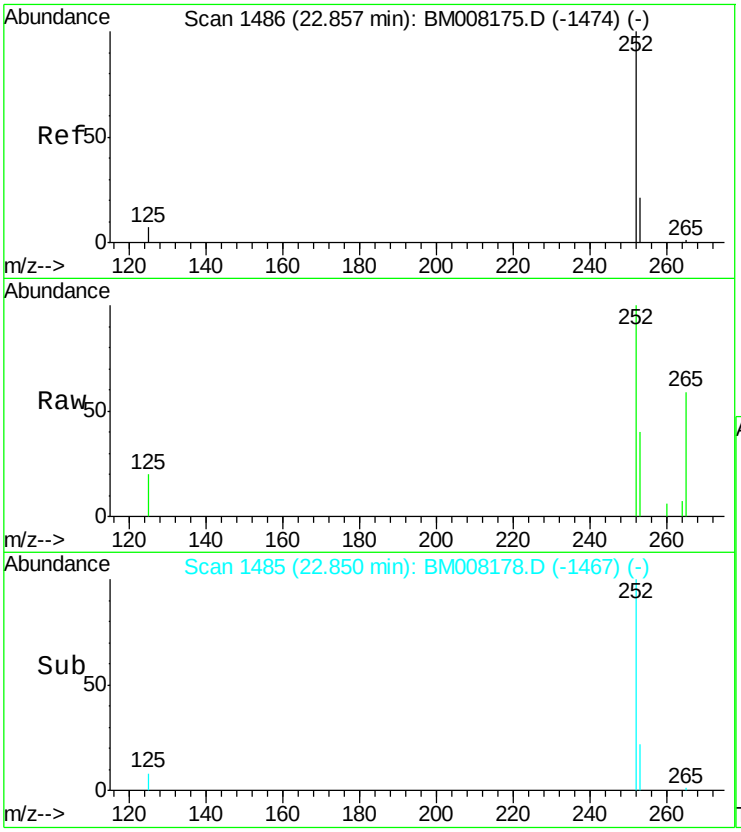


#19
Chrysene
Concen: 0.21 ng/ul
RT: 21.32 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

Tgt Ion:228 Resp: 1097

Ion	Ratio	Lower	Upper
228	100		
226	39.4	23.4	35.0#
229	24.9	17.7	26.5

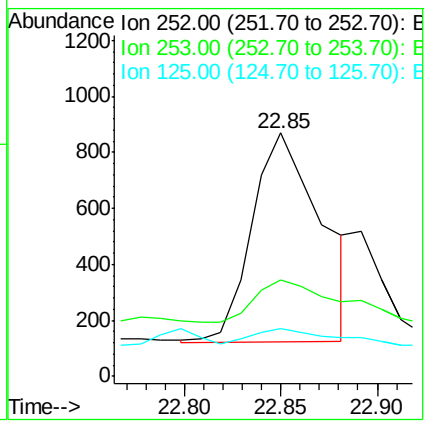




#21
Benzo(b)fluoranthene
Concen: 0.30 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

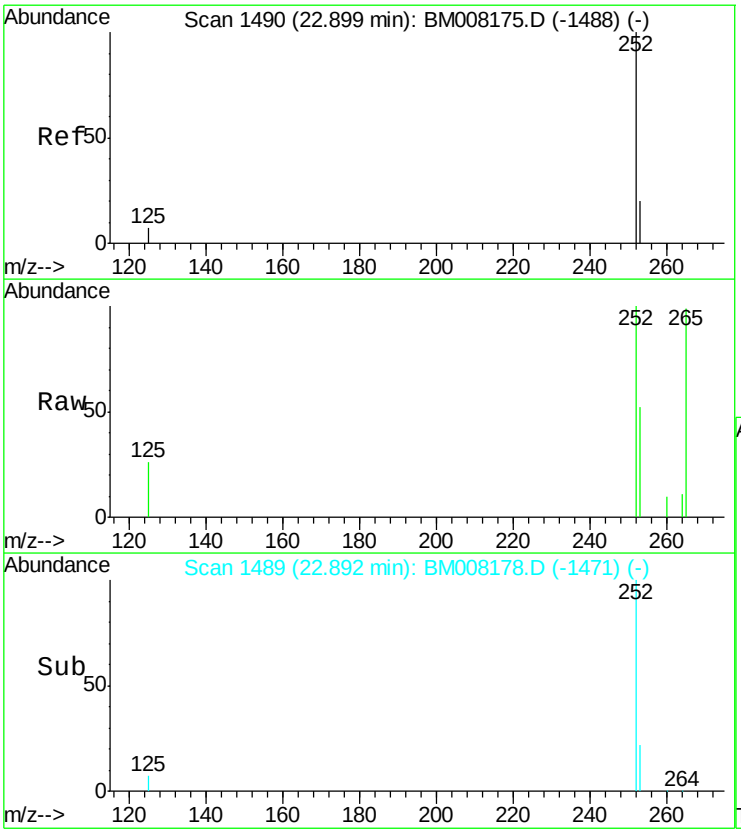
Tgt Ion:252 Resp: 1877

Ion	Ratio	Lower	Upper
252	100		
253	39.8	0.0	64.2
125	19.8	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
A4WH6DL

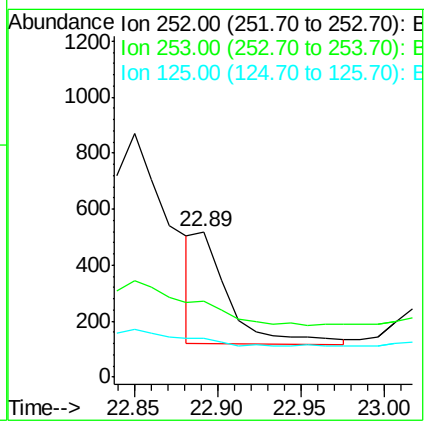
Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

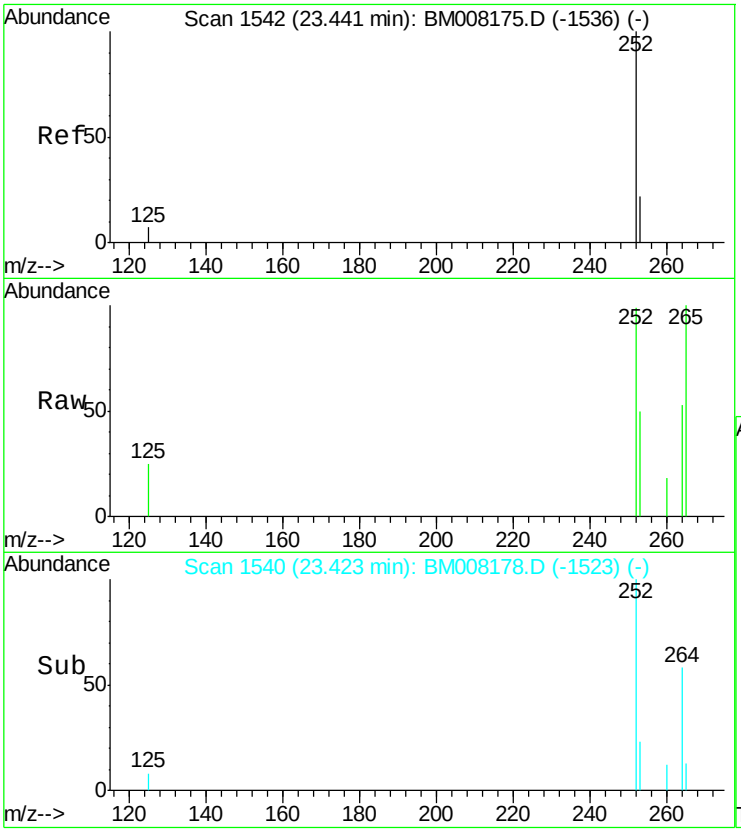


#22
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

Tgt Ion:252 Resp: 534

Ion	Ratio	Lower	Upper
252	100		
253	52.0	24.5	36.7#
125	26.4	13.7	20.5#





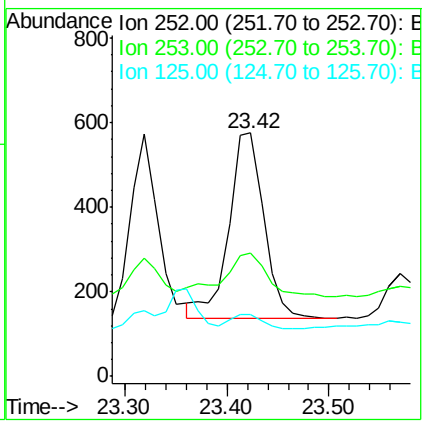
#23
Benzo(a)pyrene
Concen: 0.18 ng/ul
RT: 23.42 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

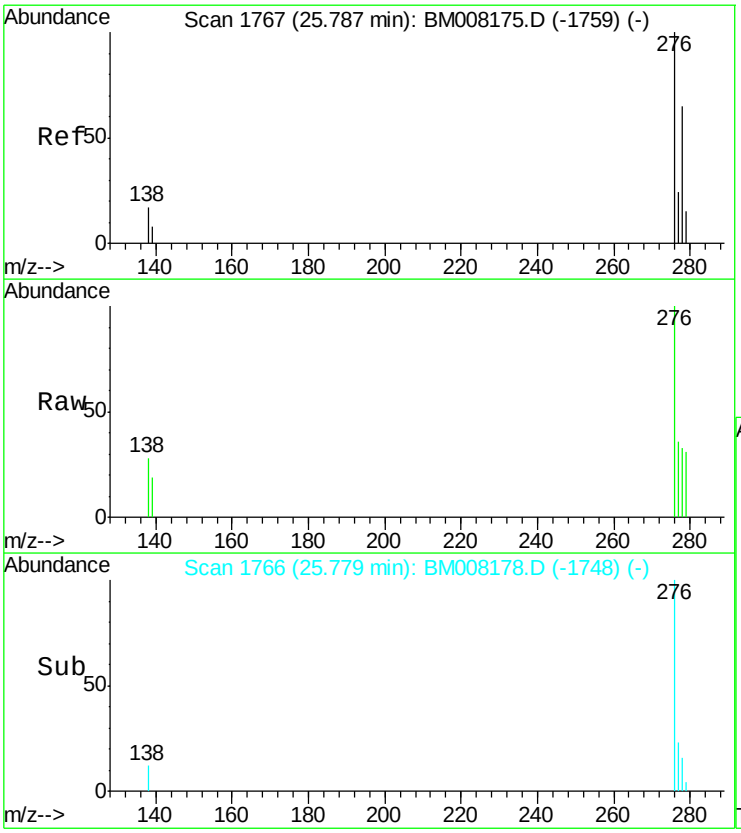
Tgt Ion:252 Resp: 1049

Ion	Ratio	Lower	Upper
252	100		
253	50.9	28.5	42.7#
125	25.3	18.1	27.1

Instrument :
BNA_M
ClientSampleId :
A4WH6DL

Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM

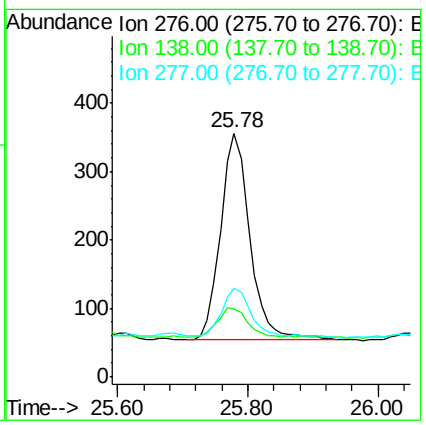


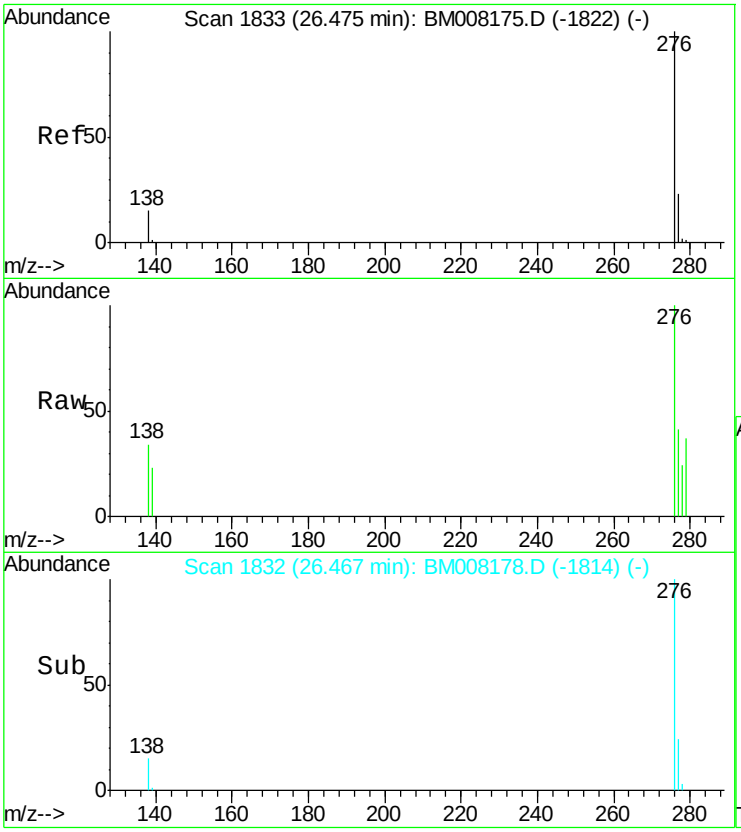


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul
RT: 25.78 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

Tgt Ion:276 Resp: 946

Ion	Ratio	Lower	Upper
276	100		
138	14.3	19.1	28.7#
277	22.6	19.6	29.4

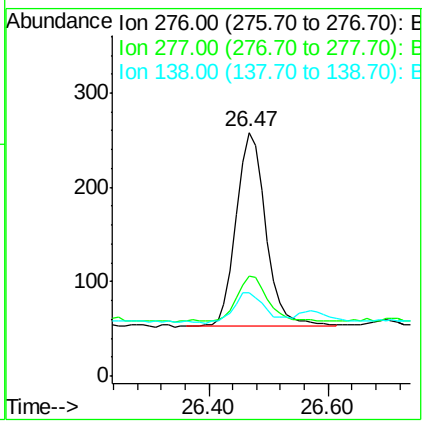




#26
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.47 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM008178.D
Acq: 03 Dec 2016 04:10

Tgt Ion:276 Resp: 707

Ion	Ratio	Lower	Upper
276	100		
277	41.1	21.8	32.8#
138	34.1	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
A4WH6DL

Manual Integrations APPROVED
sohil
12/5/2016 11:18:21 AM