Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009187.D
Acq On : 10 Mar 2017 22:21
Operator : SJ/MA
Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK1

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

Quant Time: Mar 11 02:36:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	867	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	517	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1182m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1171	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1132m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	292	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	701	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	1700	0.68	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	1328	0.74	ng/ul	99
7) Acenaphthylene	14.23	152	681	0.25	ng/ul#	78
8) Acenaphthene	14.57	153	251	0.12	ng/ul#	88
9) Fluorene	15.56	166	292	0.12	ng/ul#	76
12) Phenanthrene	17.30	178	7273	1.96	ng/ul	98
13) Anthracene	17.40	178	1618	0.44	ng/ul#	95
15) Fluoranthene	19.33	202	17671	3.65	ng/ul	94
17) Pyrene	19.69	202	16179	4.02	ng/ul	96
18) Benzo(a)anthracene	21.42	228	9510	2.44	ng/ul	97
19) Chrysene	21.47	228	10048	2.72	ng/ul	96
21) Benzo(b)fluoranthene	23.07	252	16695m	3.75	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	4810m	1.22	ng/ul	
23) Benzo(a)pyrene	23.67	252	9926m	2.48	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	7925m	1.56	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	1981m	0.46	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	7261m	1.67	ng/ul	

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

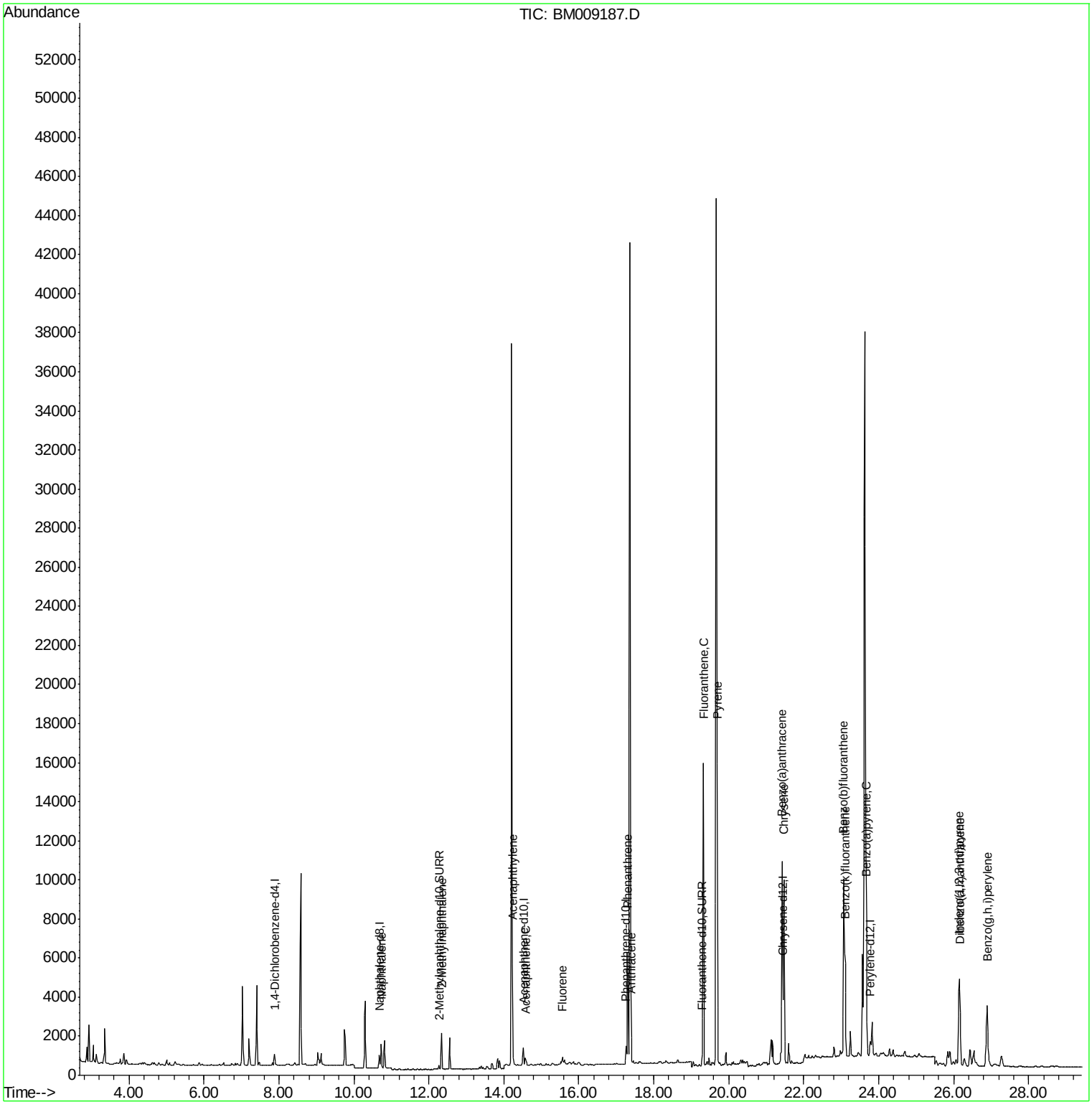
Quantitation Report (QT Reviewed)

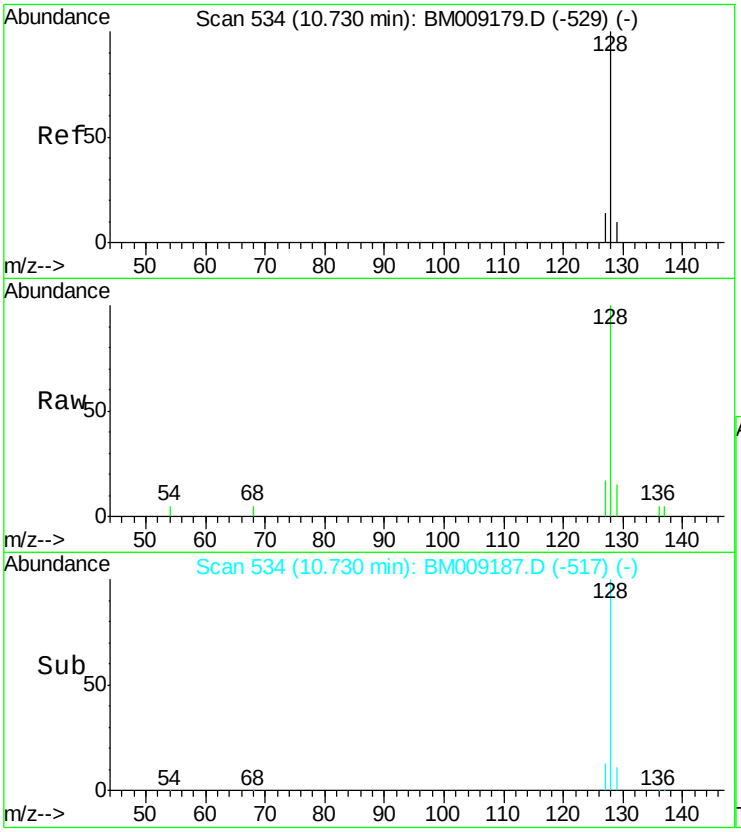
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009187.D
Acq On : 10 Mar 2017 22:21
Operator : SJ/MA
Sample : I2107-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 11 02:36:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 00:54:34 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

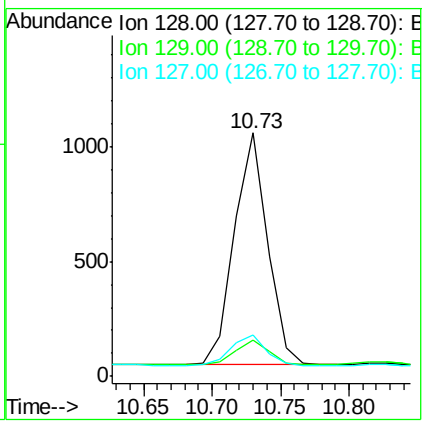




#3
Naphthalene
Concen: 0.68 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

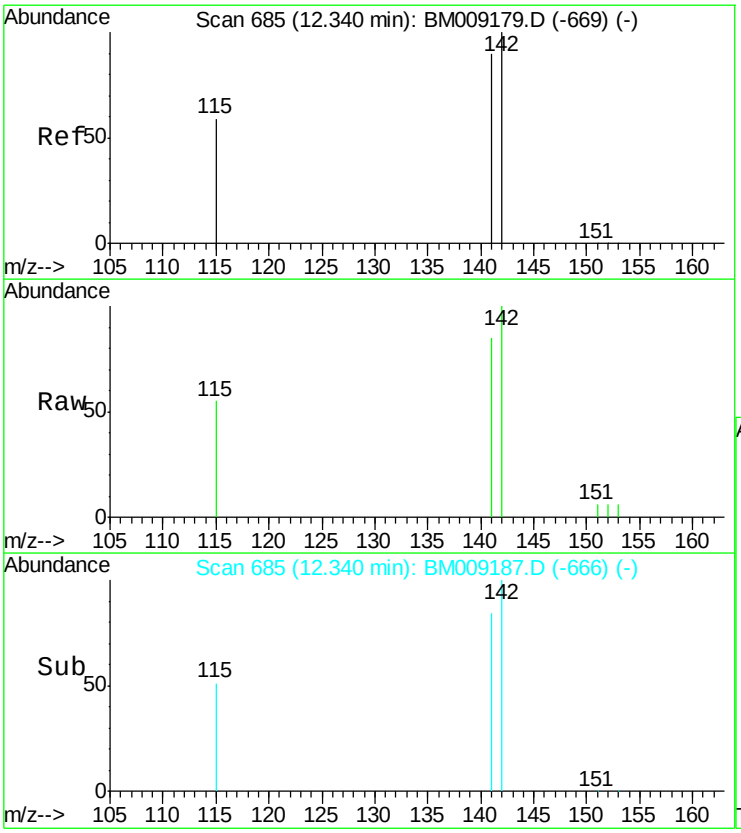
Tgt Ion:128 Resp: 1700

Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.3	16.9
127	17.0	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
C0AK1

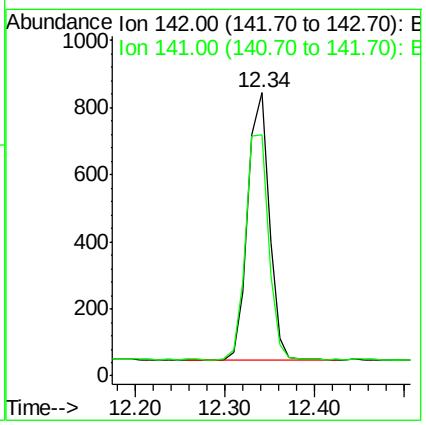
Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

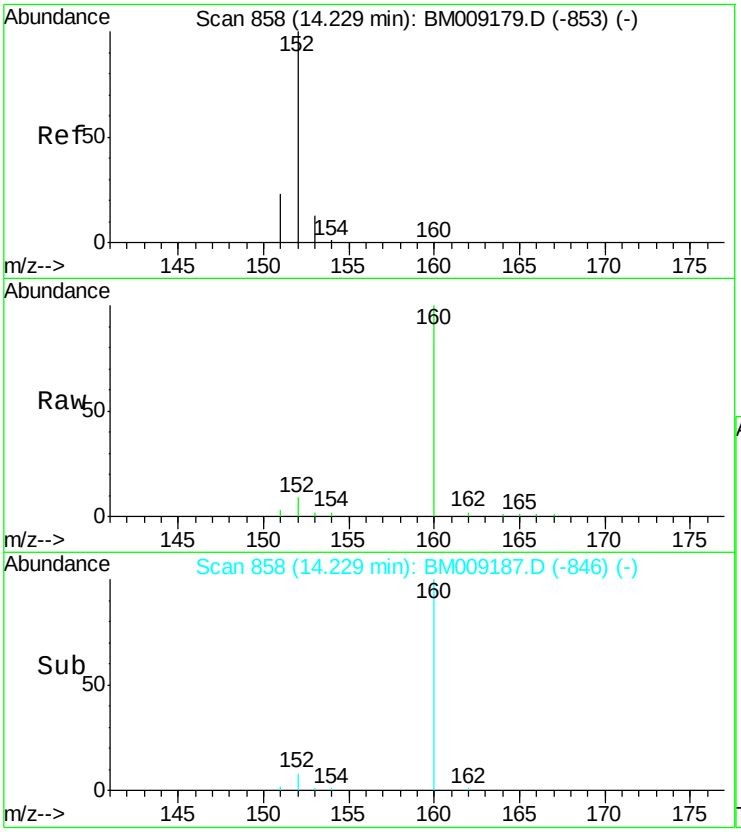


#5
2-Methylnaphthalene
Concen: 0.74 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:142 Resp: 1328

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8

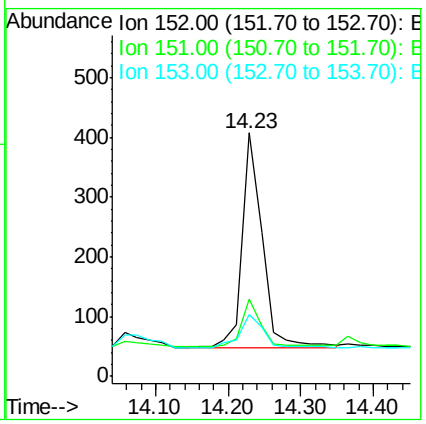




#7
Acenaphthylene
Concen: 0.25 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

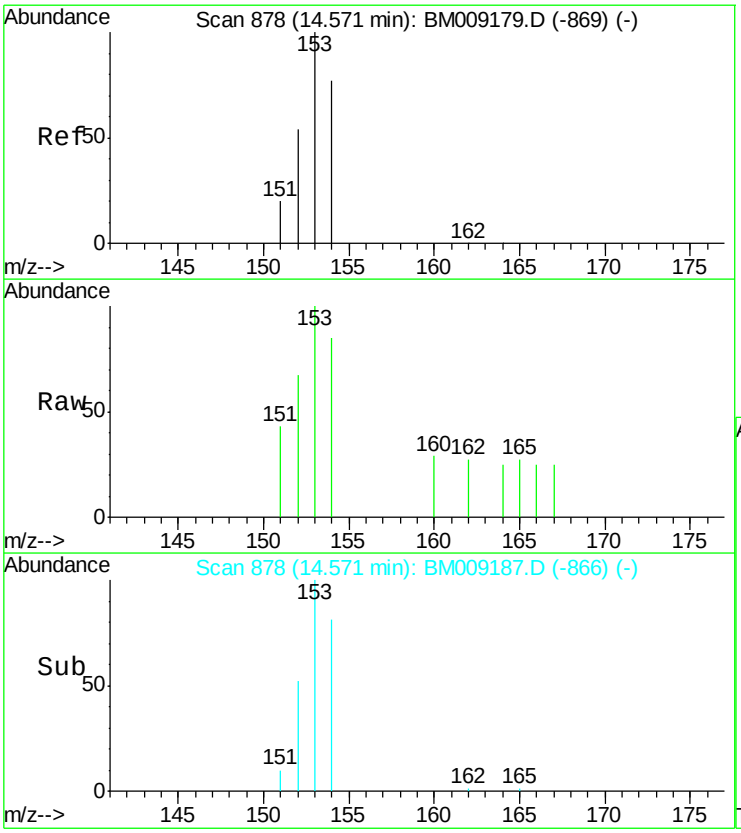
Tgt Ion:152 Resp: 681

Ion	Ratio	Lower	Upper
152	100		
151	31.9	17.1	25.7#
153	25.5	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AK1

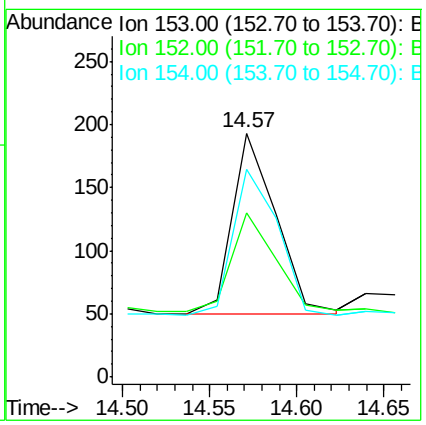
Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

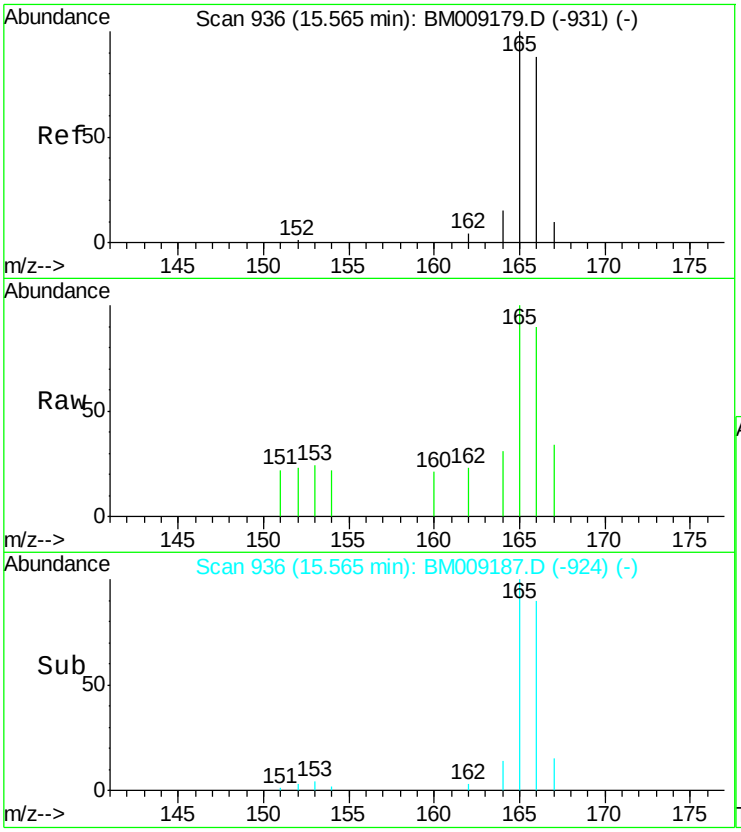


#8
Acenaphthene
Concen: 0.12 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:153 Resp: 251

Ion	Ratio	Lower	Upper
153	100		
152	67.4	40.3	60.5#
154	85.0	71.4	107.2

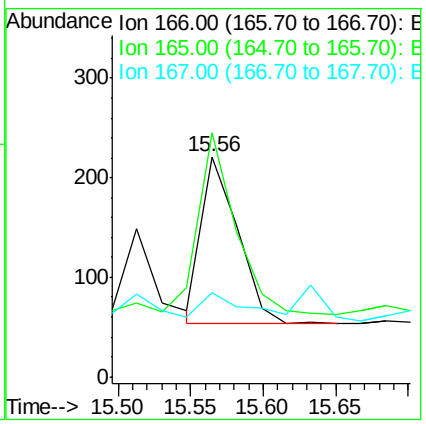




#9
Fluorene
Concen: 0.12 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

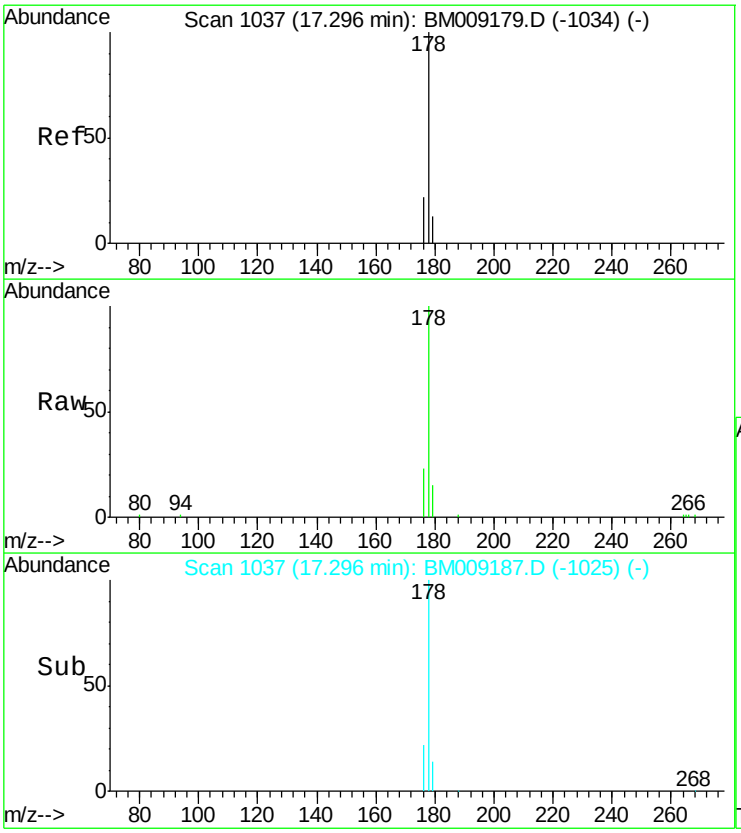
Tgt Ion:166 Resp: 292

Ion	Ratio	Lower	Upper
166	100		
165	110.9	73.4	110.2#
167	38.0	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AK1

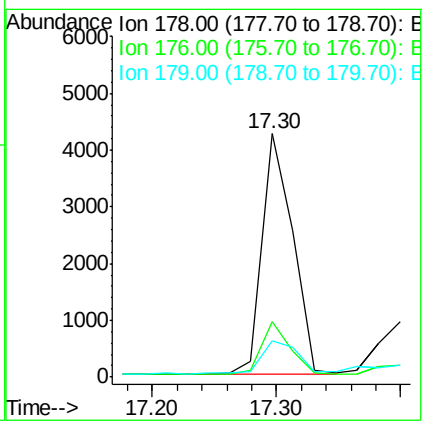
Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

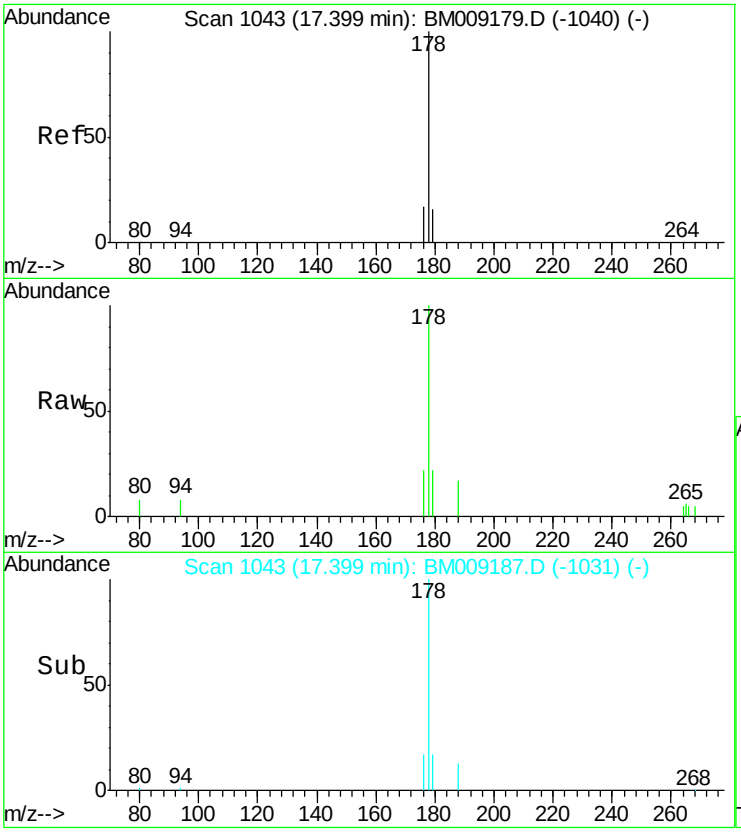


#12
Phenanthrene
Concen: 1.96 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:178 Resp: 7273

Ion	Ratio	Lower	Upper
178	100		
176	22.7	18.4	27.6
179	14.9	13.6	20.4





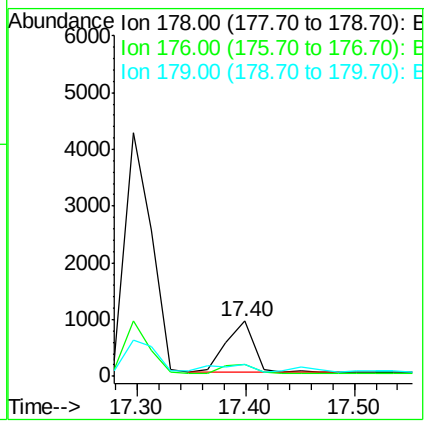
#13
Anthracene
Concen: 0.44 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

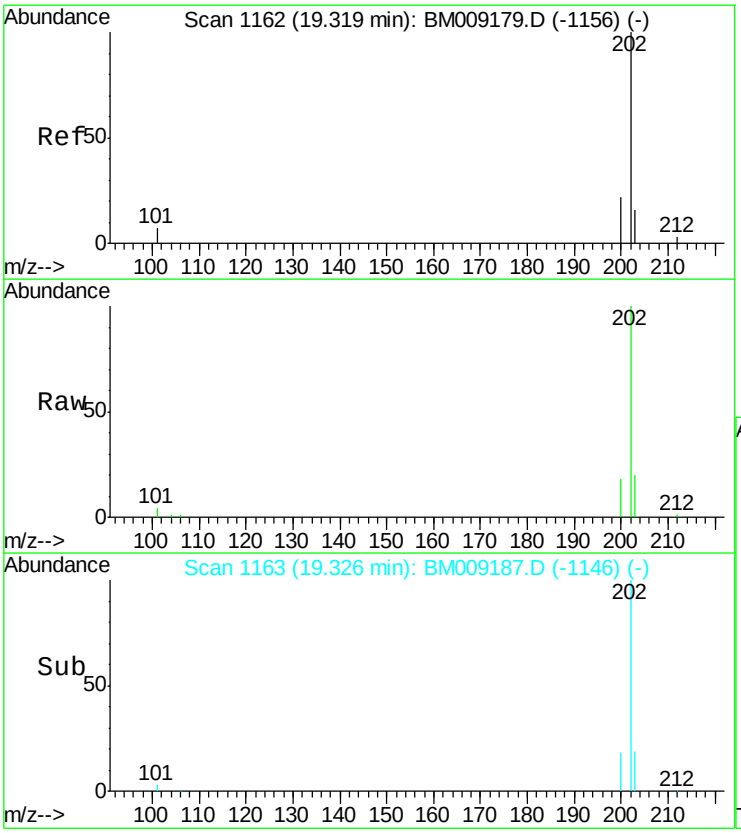
Tgt Ion:178 Resp: 1618

Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.1	27.1
179	22.5	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

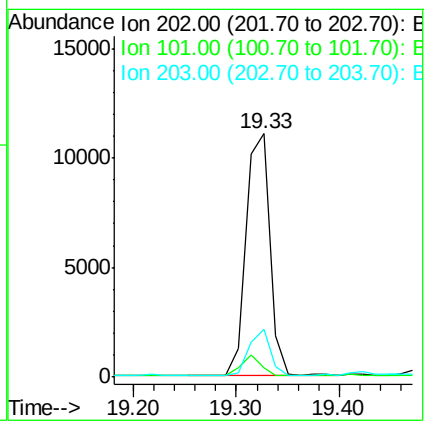


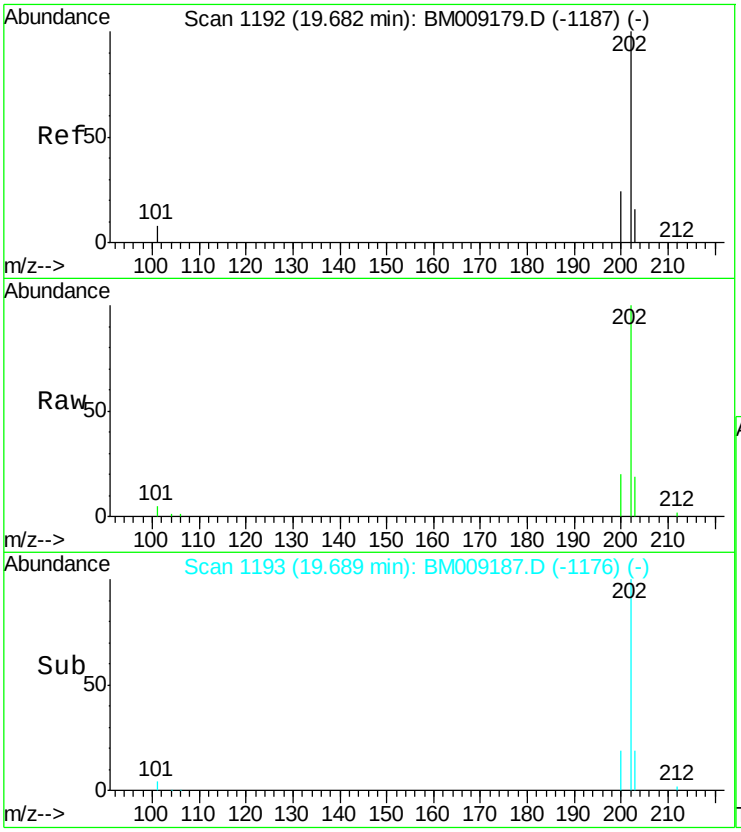


#15
Fluoranthene
Concen: 3.65 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:202 Resp: 17671

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	30.3
203	19.7	0.0	39.5

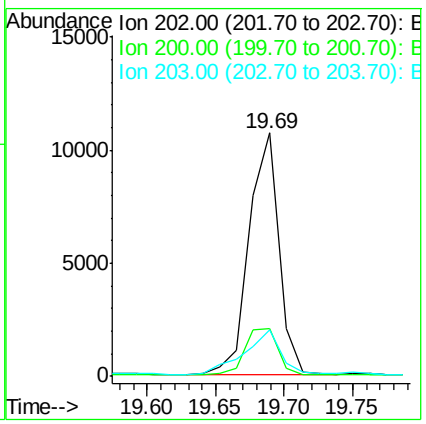




#17
Pyrene
Concen: 4.02 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

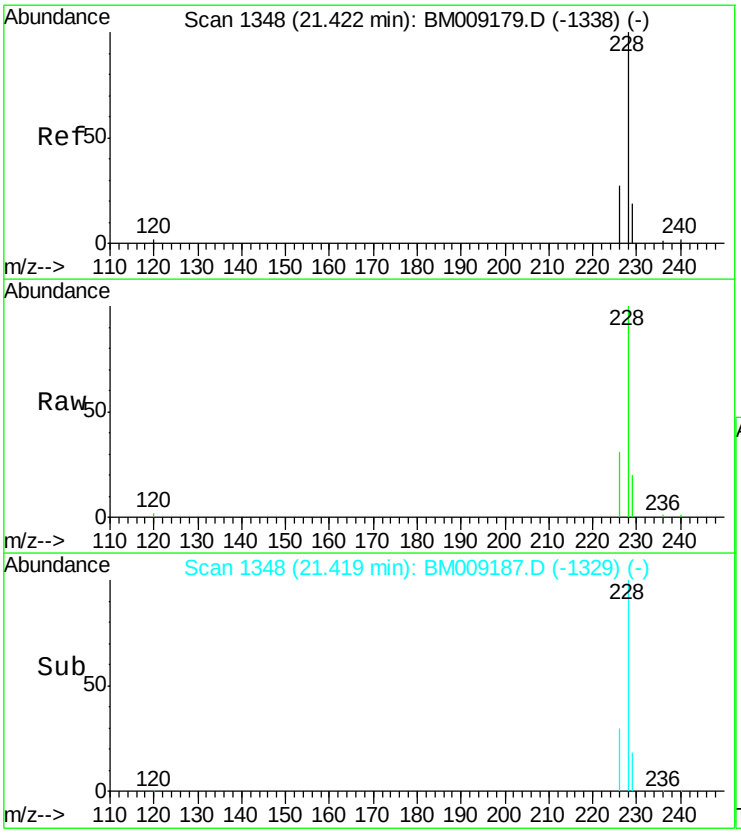
Tgt Ion:202 Resp: 16179

Ion	Ratio	Lower	Upper
202	100		
200	19.6	18.2	27.4
203	19.3	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C0AK1

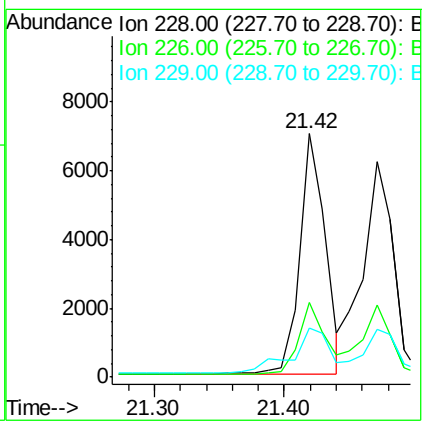
Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

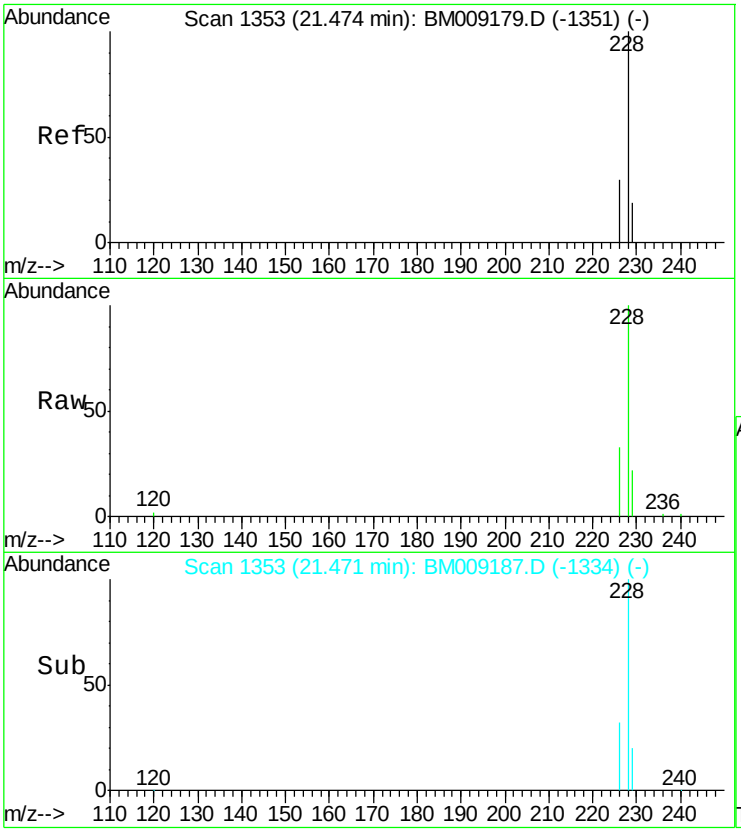


#18
Benzo(a)anthracene
Concen: 2.44 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:228 Resp: 9510

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.8	34.2
229	20.0	17.0	25.6





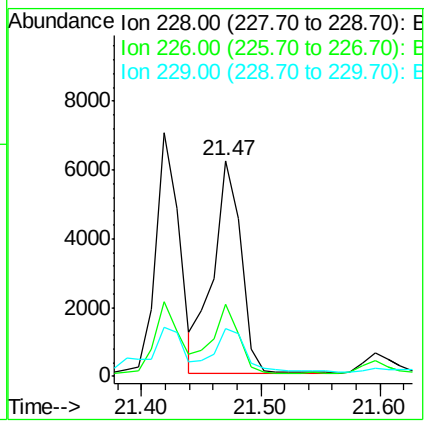
#19
Chrysene
Concen: 2.72 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

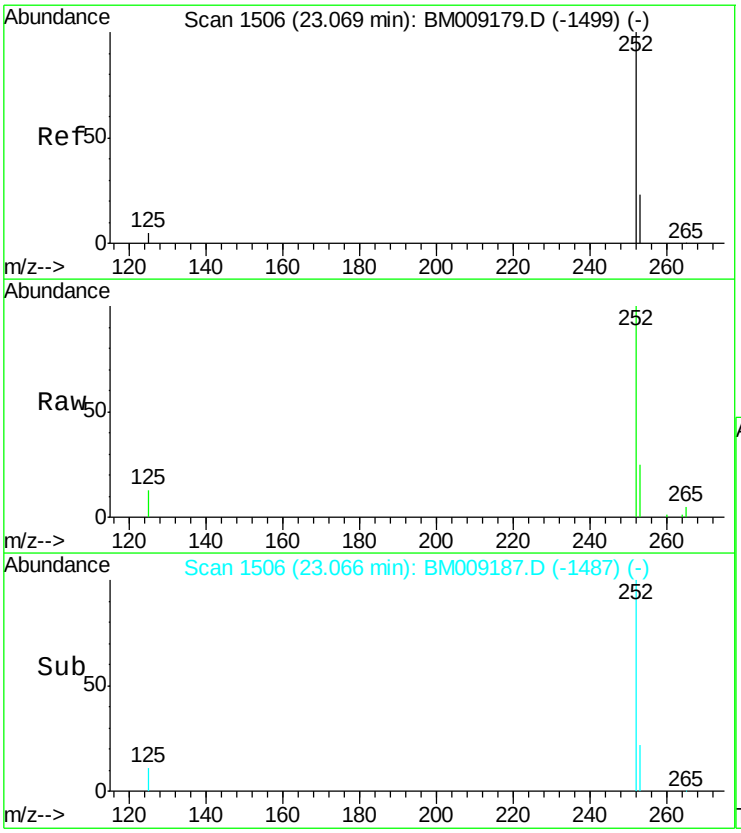
Tgt Ion:228 Resp: 10048

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	22.0	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

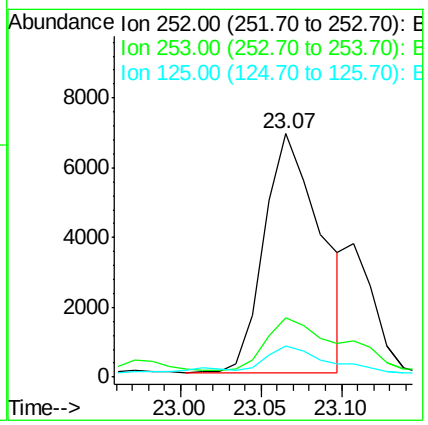


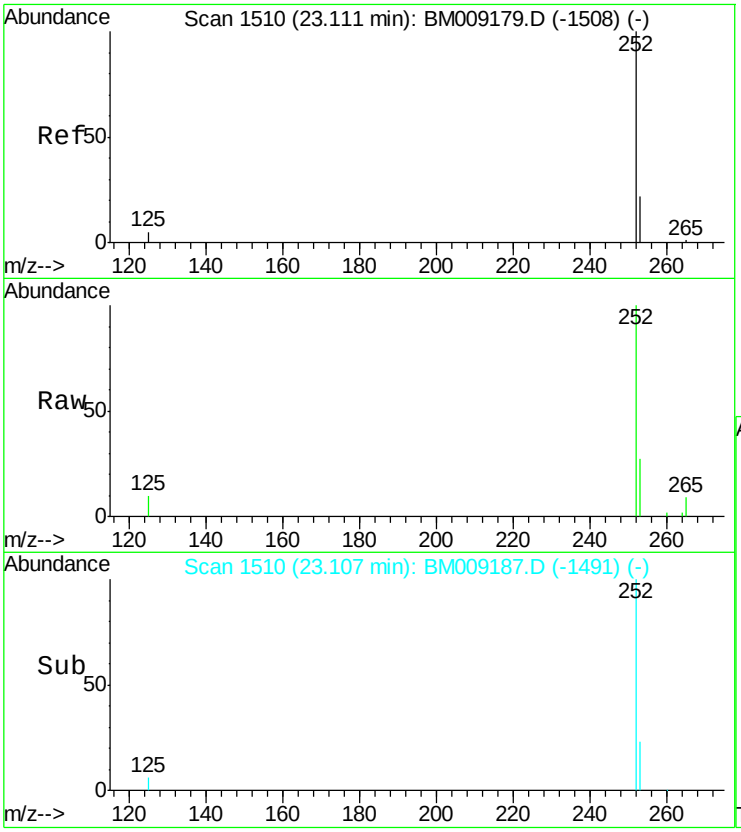


#21
Benzo(b)fluoranthene
Concen: 3.75 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:252 Resp: 16695

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	12.6	0.0	35.0





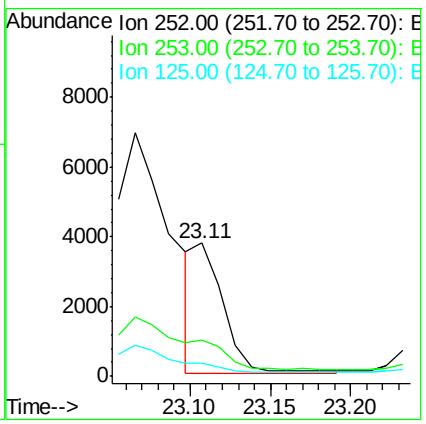
#22
Benzo(k)fluoranthene
Concen: 1.22 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

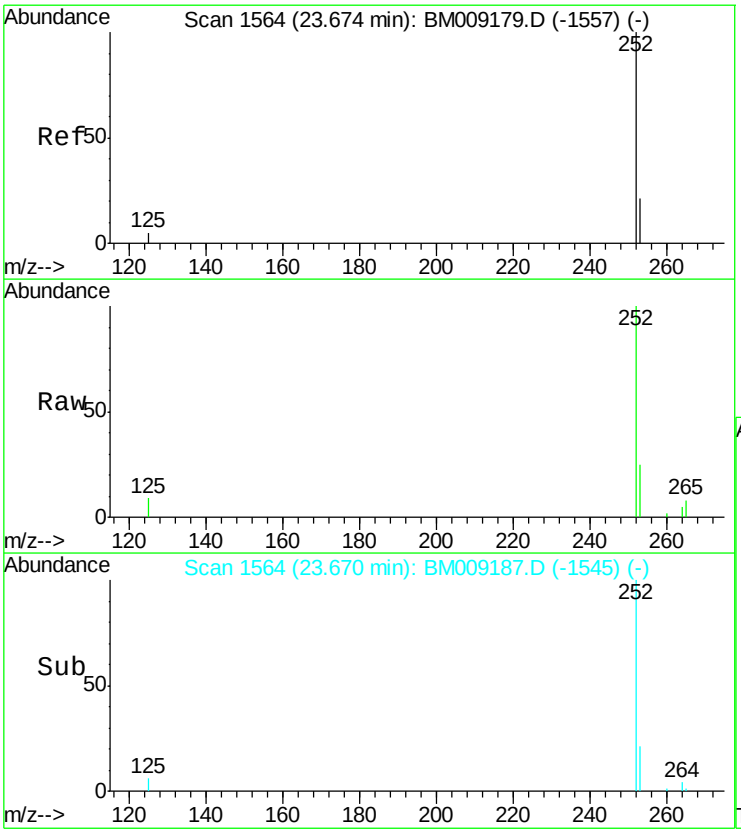
Tgt Ion:252 Resp: 4810

Ion	Ratio	Lower	Upper
252	100		
253	27.2	24.5	36.7
125	9.6	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

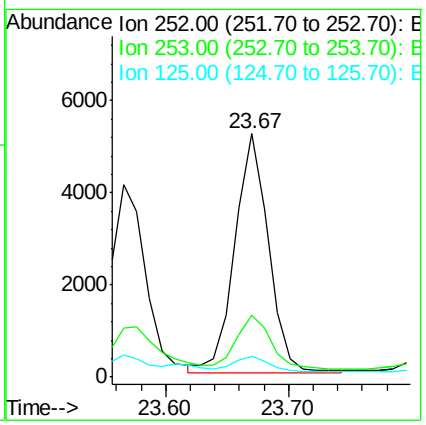


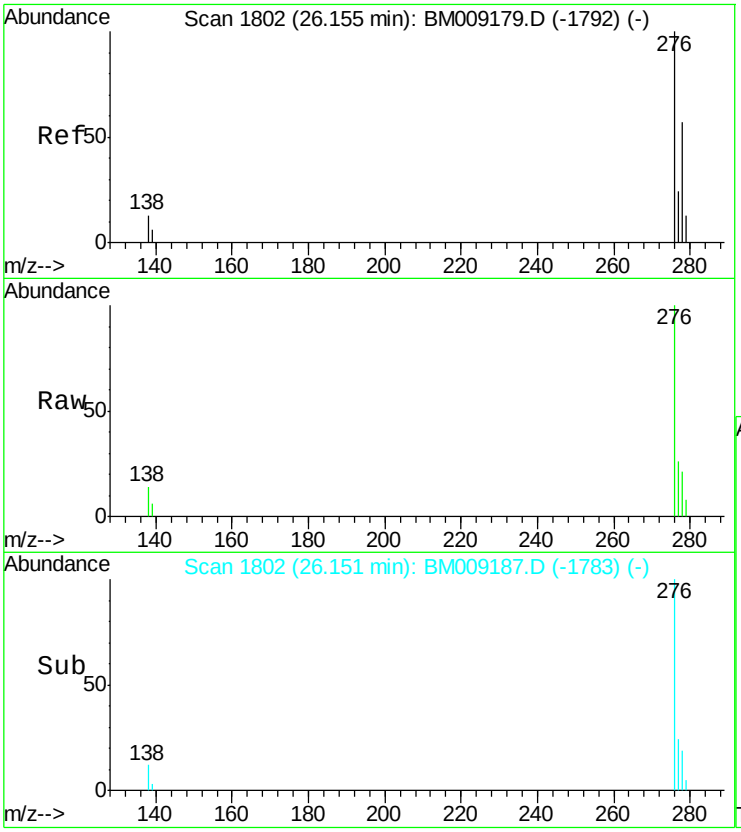


#23
Benzo(a)pyrene
Concen: 2.48 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:252 Resp: 9926

Ion	Ratio	Lower	Upper
252	100		
253	25.3	28.5	42.7#
125	8.7	18.1	27.1#

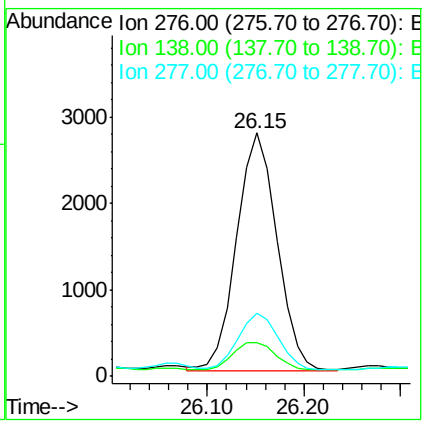




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.56 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

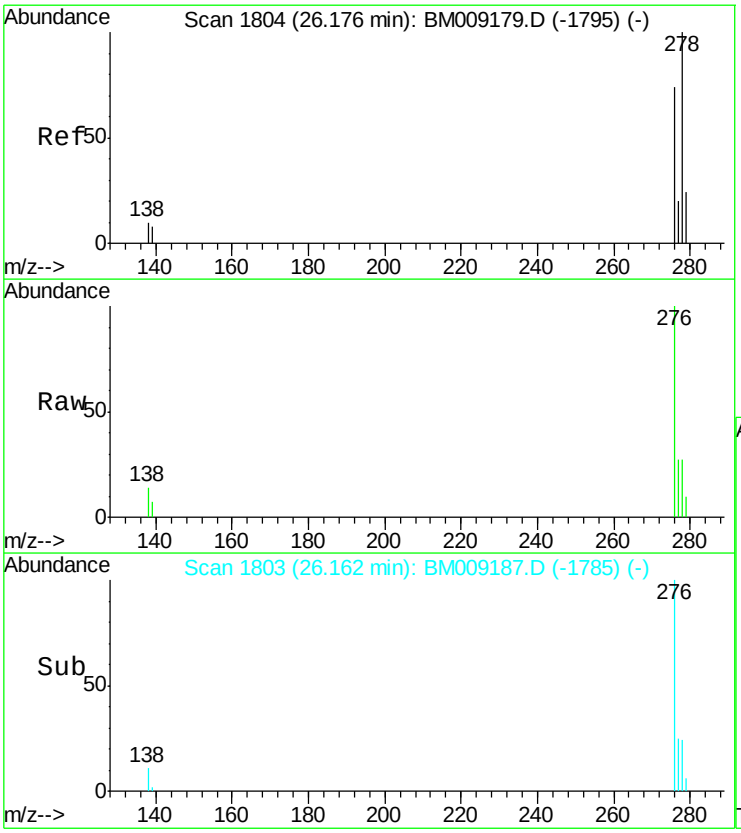
Tgt Ion:276 Resp: 7925

Ion	Ratio	Lower	Upper
276	100		
138	0.9	19.1	28.7#
277	1.0	19.6	29.4#



Instrument :
BNA_M
ClientSampleId :
C0AK1

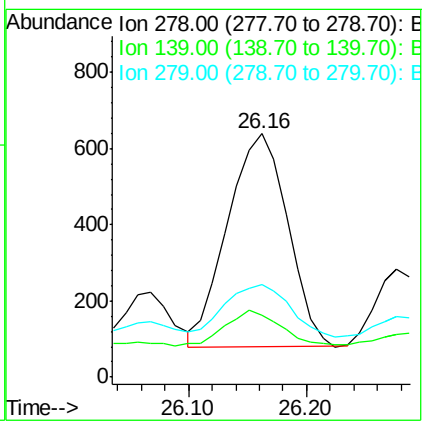
Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM

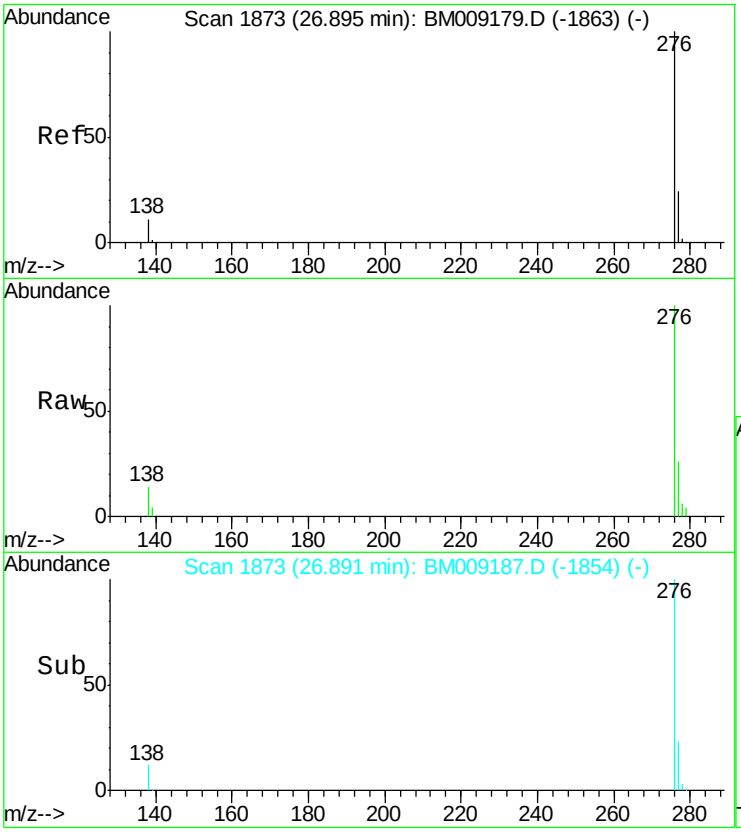


#25
Dibenzo(a,h)anthracene
Concen: 0.46 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:278 Resp: 1981

Ion	Ratio	Lower	Upper
278	100		
139	25.4	17.4	26.0
279	37.9	25.9	38.9

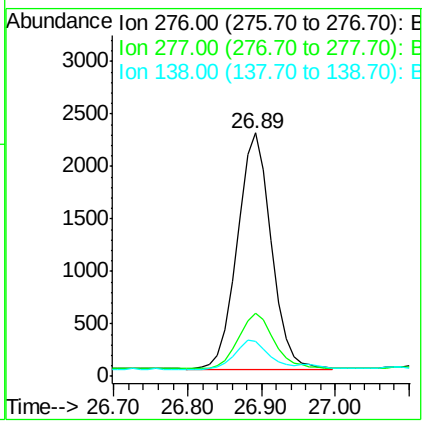




#26
Benzo(g,h,i)perylene
Concen: 1.67 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:276 Resp: 7261

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.8	32.8
138	14.1	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AK1

Manual Integrations APPROVED
mohammad
3/13/2017 2:14:19 PM