Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

Quant Time: Nov 21 03:02:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	963	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3898	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2514	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5073m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3524	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2652	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1352	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3018	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	452	0.039	ng/ul#	69
5) 2-Methylnaphthalene	12.81	142	296	0.037	ng/ul	99
7) Acenaphthylene	14.67	152	495	0.040	ng/ul#	74
8) Acenaphthene	15.01	153	244	0.027	ng/ul	95
9) Fluorene	15.98	166	350	0.033	ng/ul#	90
12) Phenanthrene	17.70	178	14639	0.913	ng/ul	98
13) Anthracene	17.79	178	1645	0.106	ng/ul#	91
15) Fluoranthene	19.68	202	49846	2.805	ng/ul	100
17) Pyrene	20.04	202	40659	2.272	ng/ul	98
18) Benzo(a)anthracene	21.75	228	17263	1.214	ng/ul	99
19) Chrysene	21.80	228	25330	1.829	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	29072m	2.608	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	9711m	0.890	ng/ul	
23) Benzo(a)pyrene	24.08	252	15552	1.596	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.68	276	11503	1.090	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	2721	0.310	ng/ul#	82
26) Benzo(g,h,i)perylene	27.46	276	10102	1.141	ng/ul	96

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

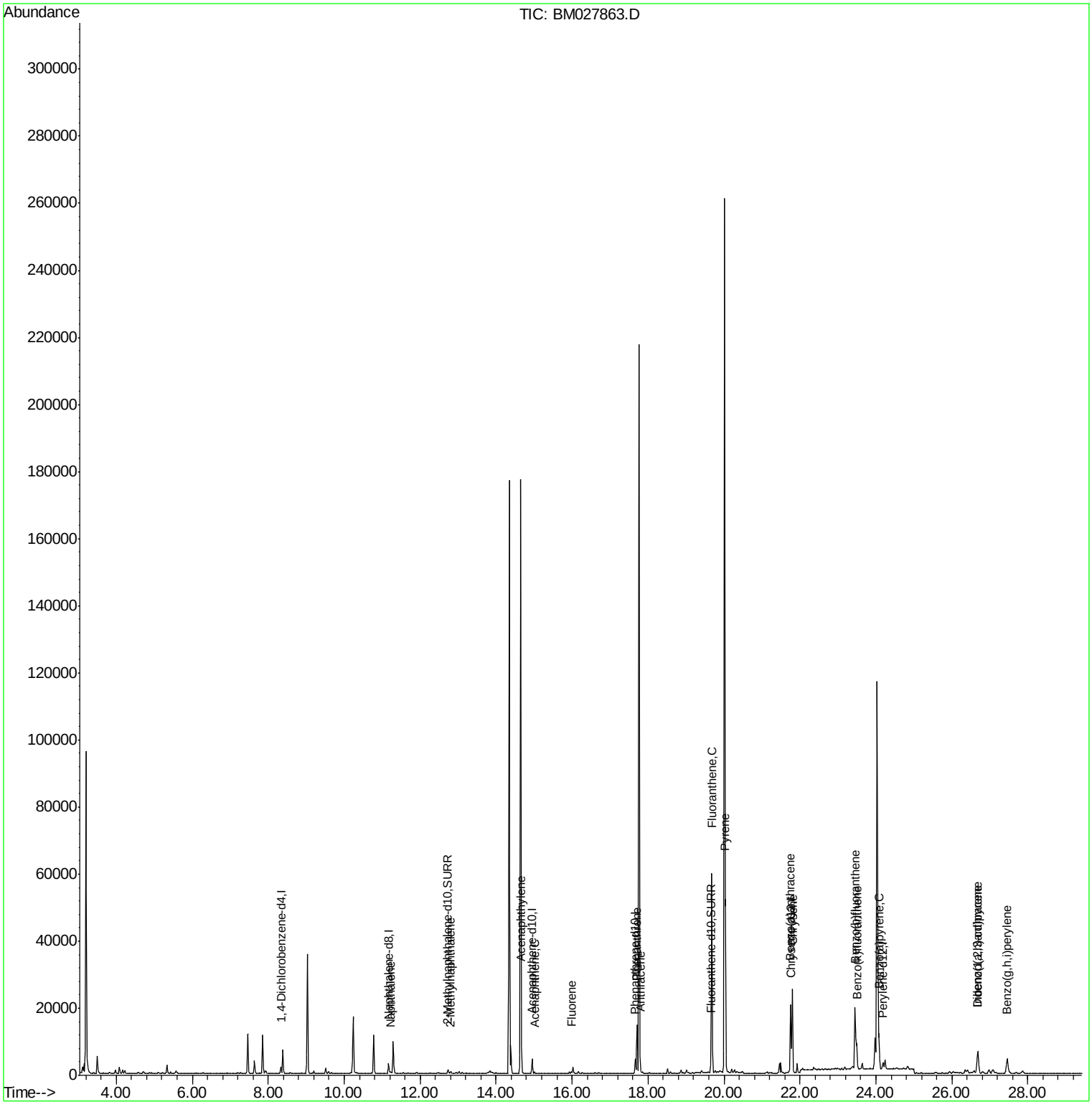
Quantitation Report (QT Reviewed)

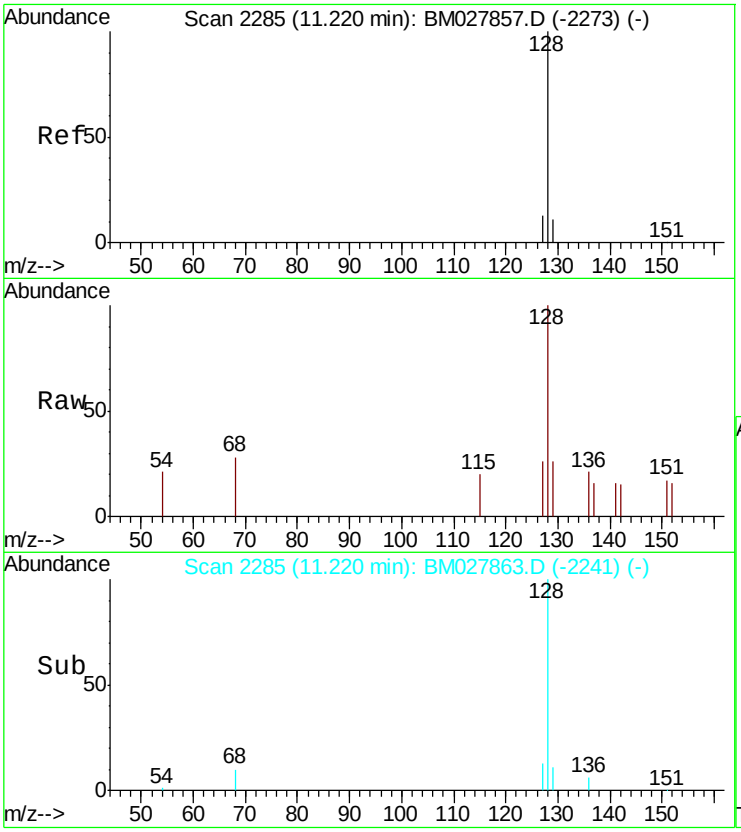
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027863.D
Acq On : 20 Nov 2020 21:37
Operator : JU/CG
Sample : L4710-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 03:02:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM





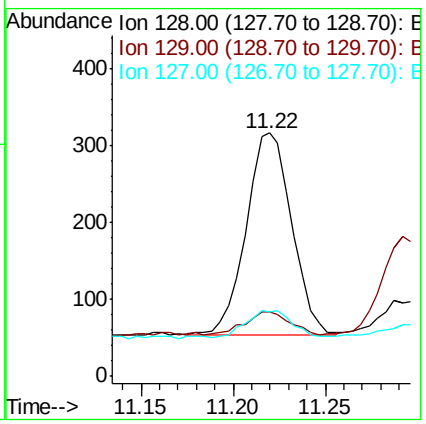
#3
Naphthalene
Concen: 0.039 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

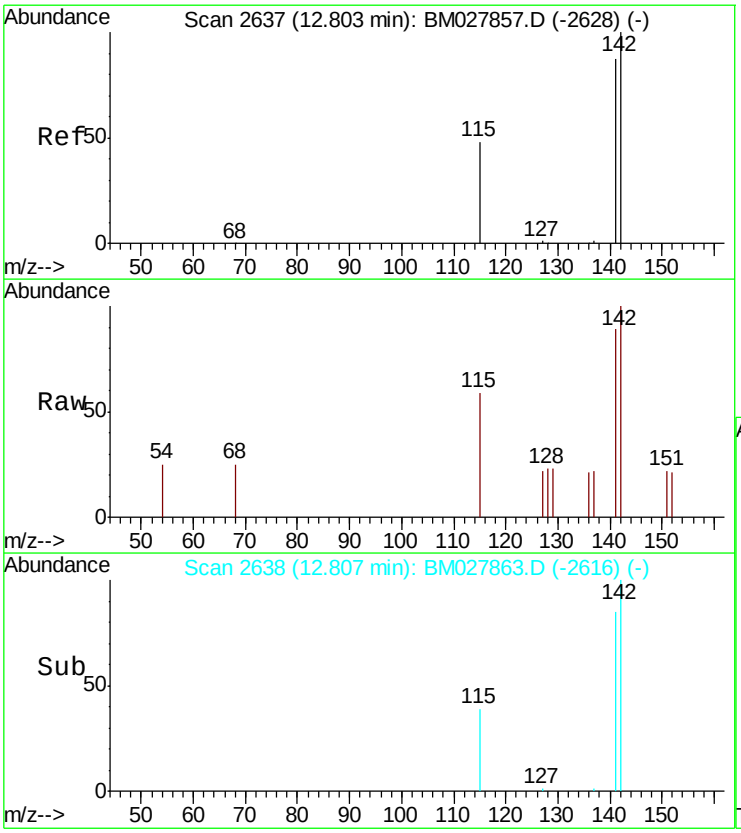
Tgt Ion:128 Resp: 452

Ion	Ratio	Lower	Upper
128	100		
129	26.5	10.4	15.6#
127	26.5	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

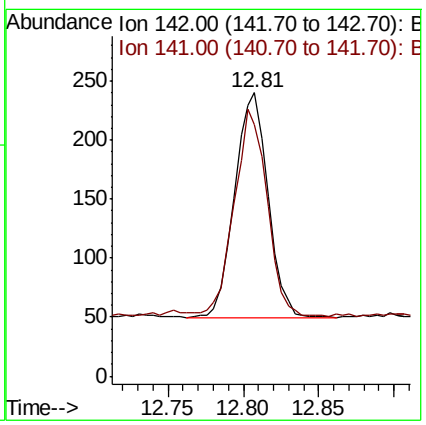


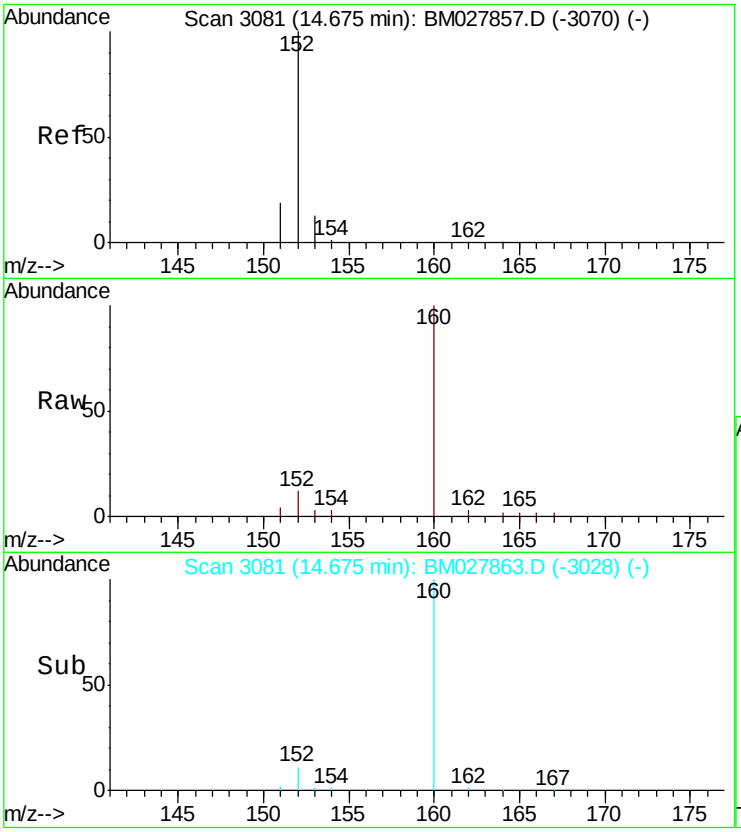


#5
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.81 min Scan# 2638
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:142 Resp: 296

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4

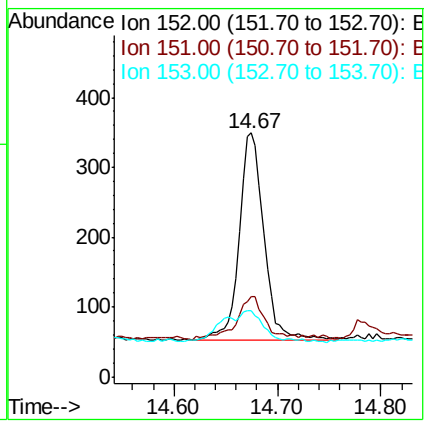




#7
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.67 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

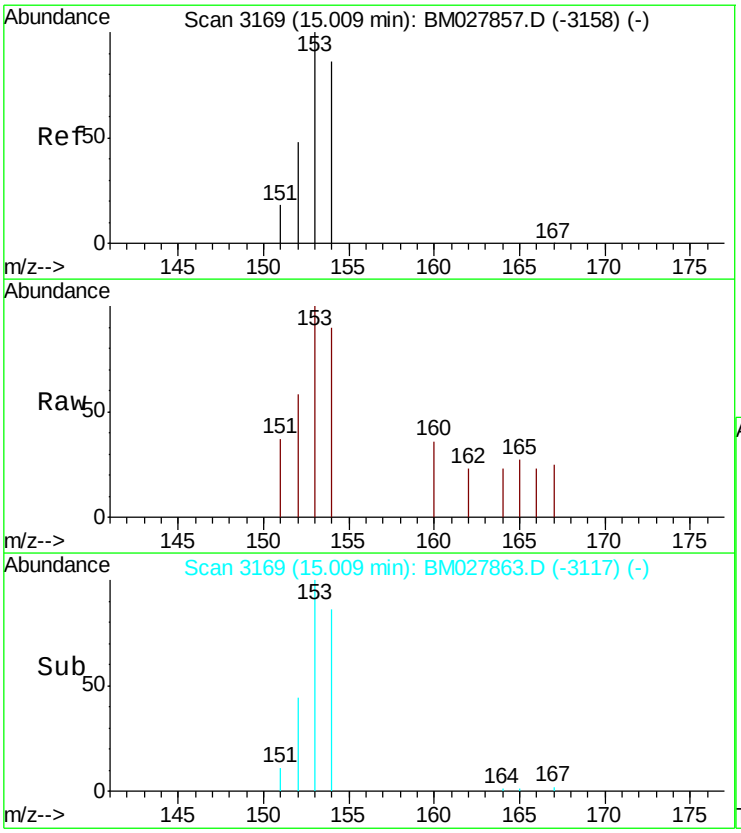
Tgt Ion:152 Resp: 495

Ion	Ratio	Lower	Upper
152	100		
151	32.7	17.1	25.7#
153	26.9	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C0B44

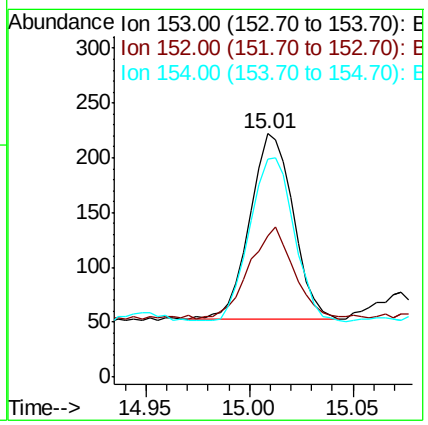
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

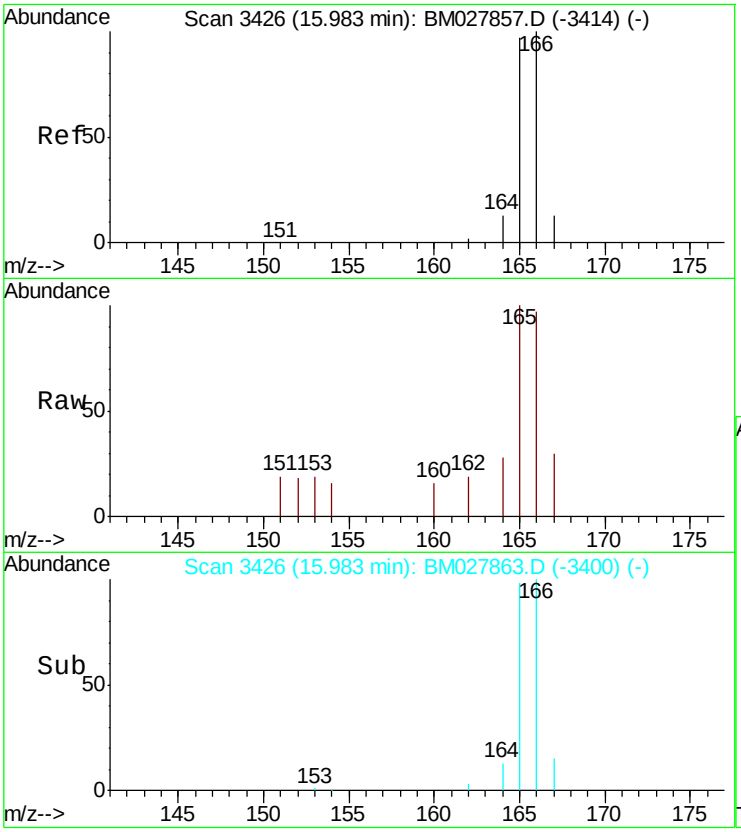


#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:153 Resp: 244

Ion	Ratio	Lower	Upper
153	100		
152	58.1	39.0	58.6
154	89.6	71.6	107.4

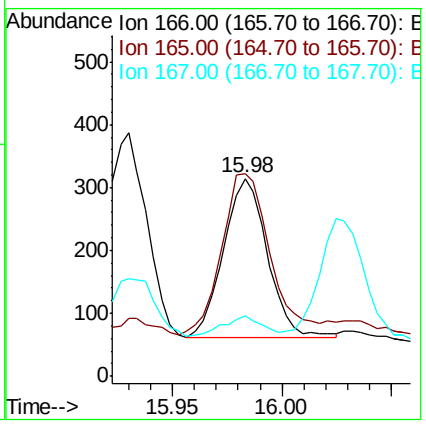




#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

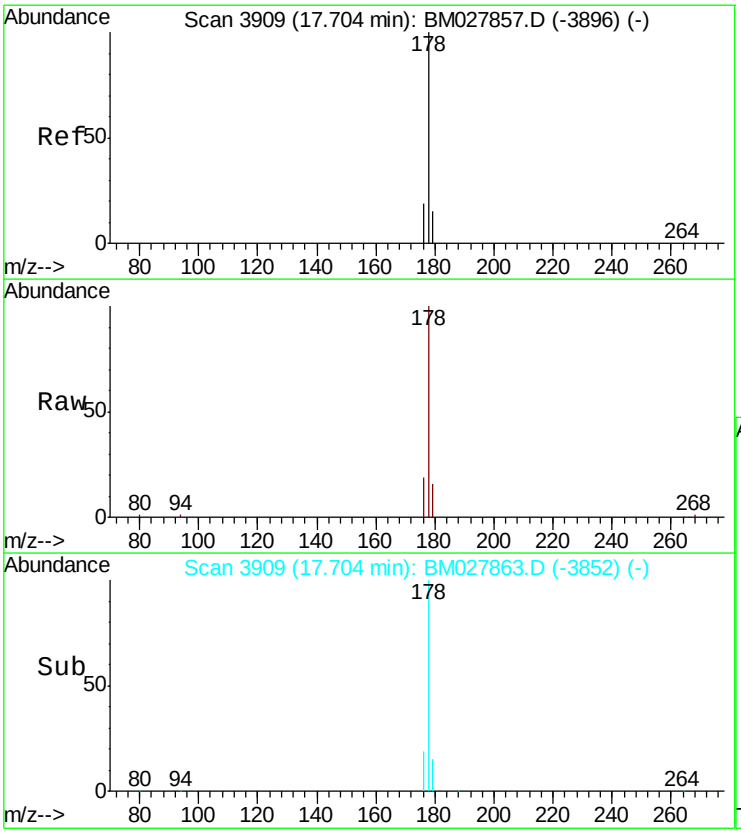
Tgt Ion:166 Resp: 350

Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.1	117.1
167	30.6	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
C0B44

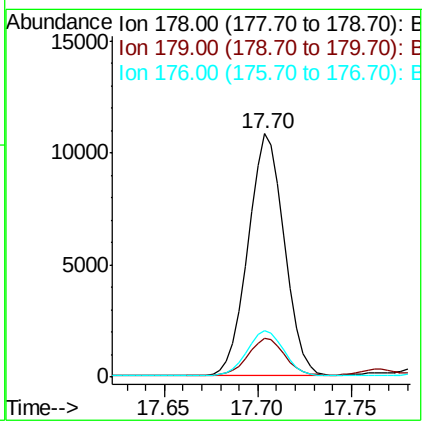
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

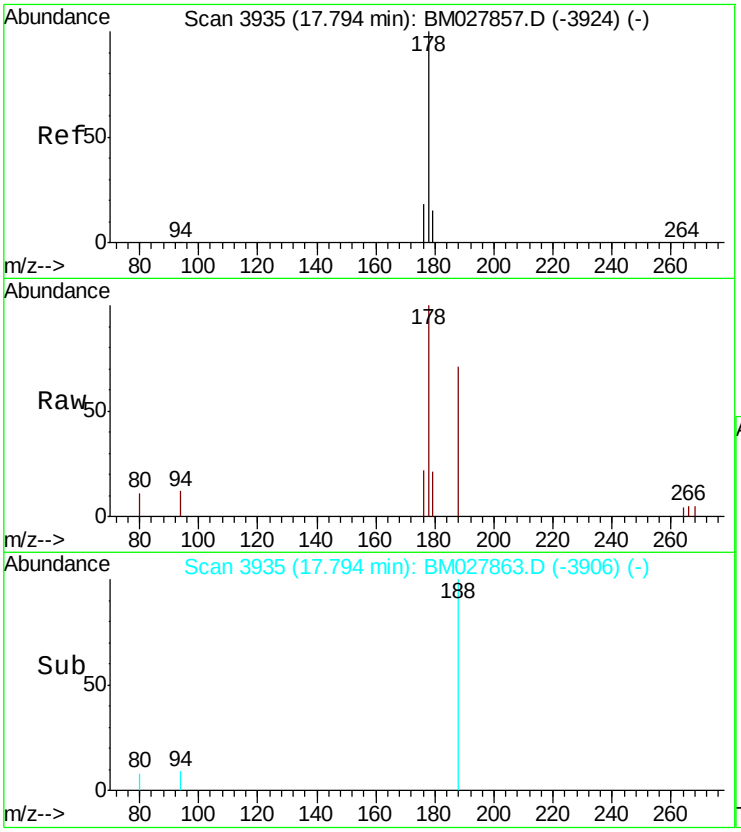


#12
Phenanthrene
Concen: 0.913 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:178 Resp: 14639

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.6	20.4
176	19.2	16.1	24.1

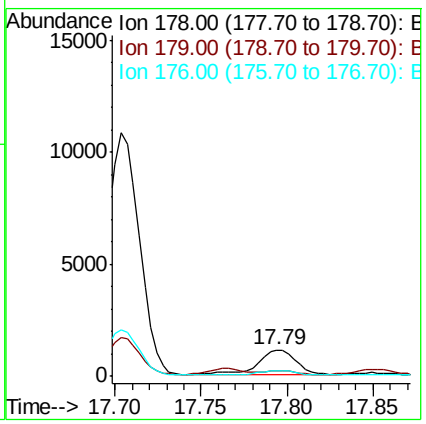




#13
Anthracene
Concen: 0.106 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

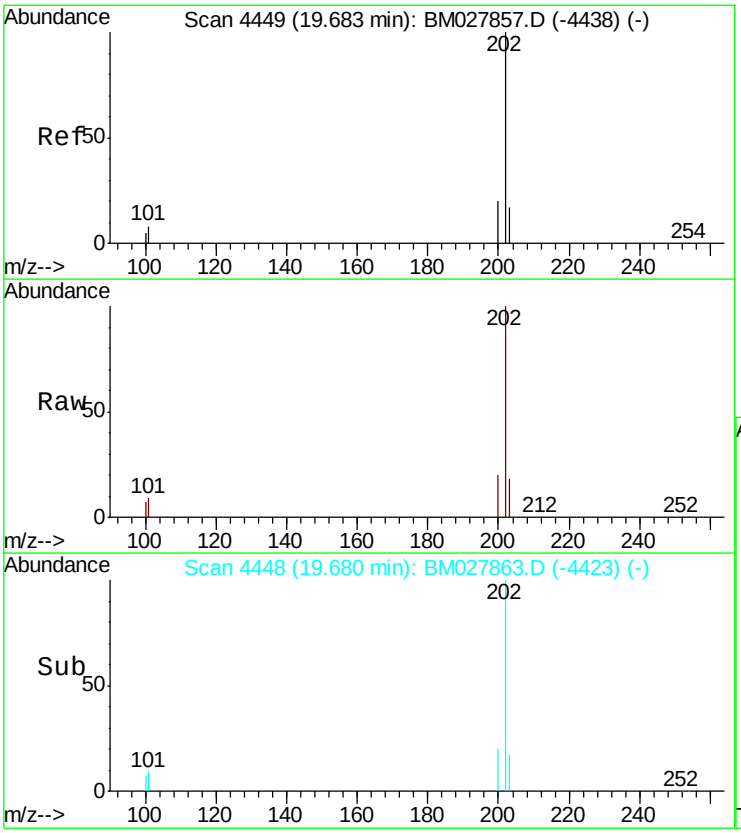
Tgt Ion:178 Resp: 1645

Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.4	20.2#
176	22.2	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0B44

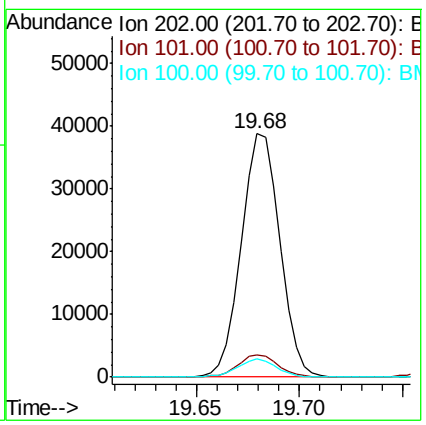
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

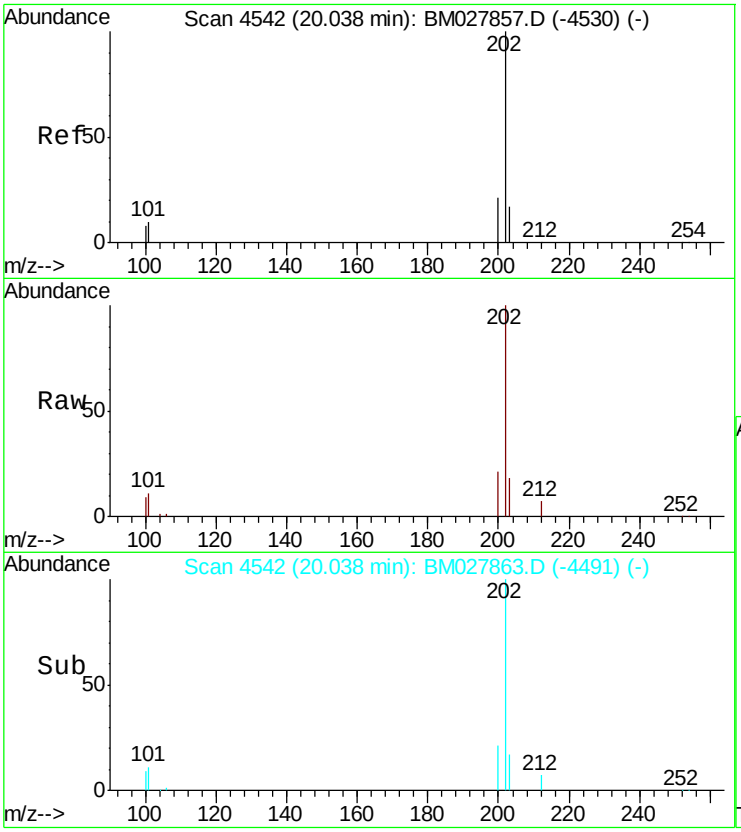


#15
Fluoranthene
Concen: 2.805 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:202 Resp: 49846

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.3
100	7.4	0.0	27.4





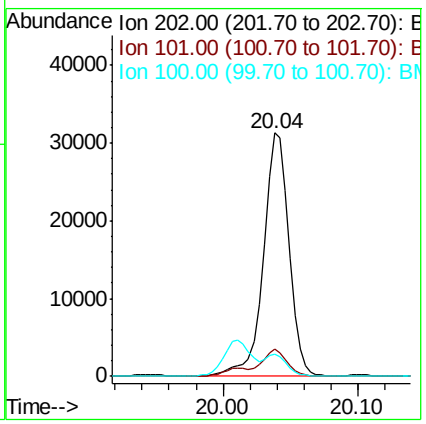
#17
Pyrene
Concen: 2.272 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

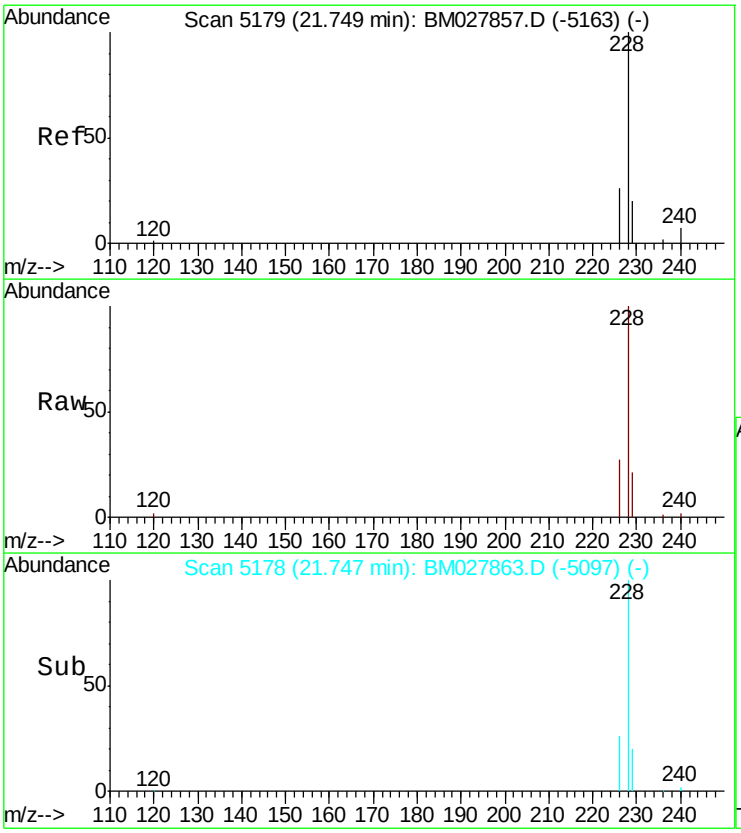
Tgt Ion:202 Resp: 40659

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2
100	9.1	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

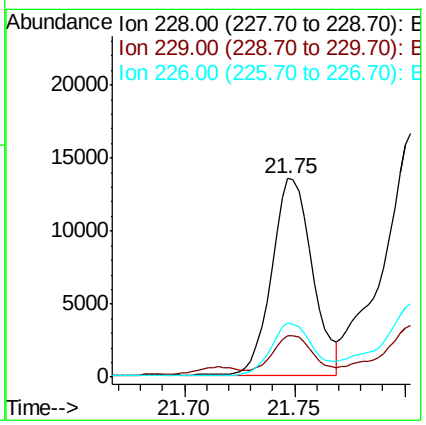


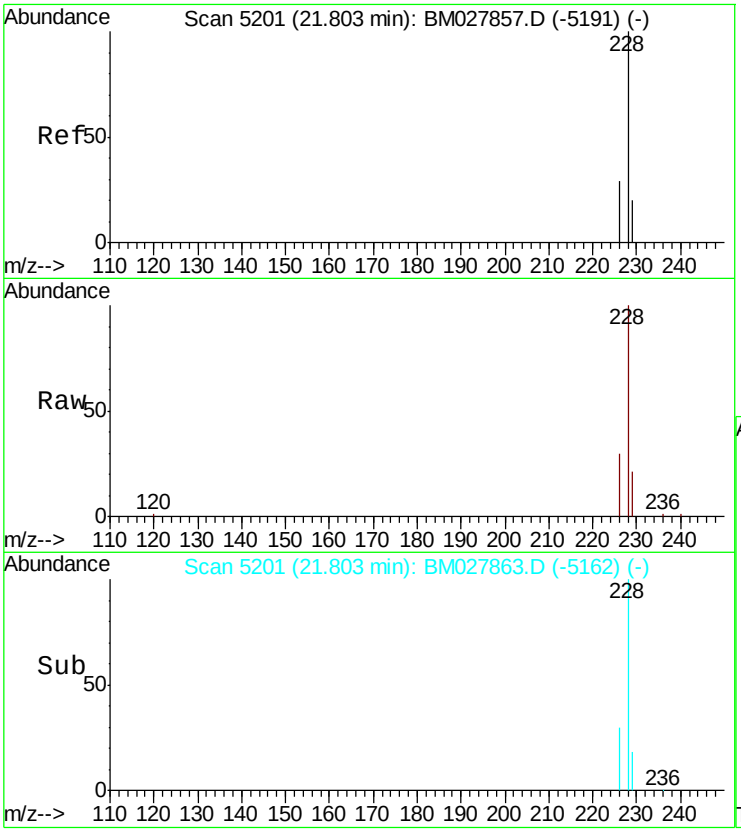


#18
Benzo(a)anthracene
Concen: 1.214 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:228 Resp: 17263

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	27.1	21.5	32.3

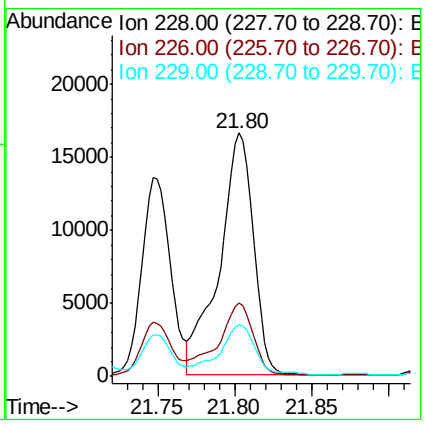




#19
Chrysene
Concen: 1.829 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

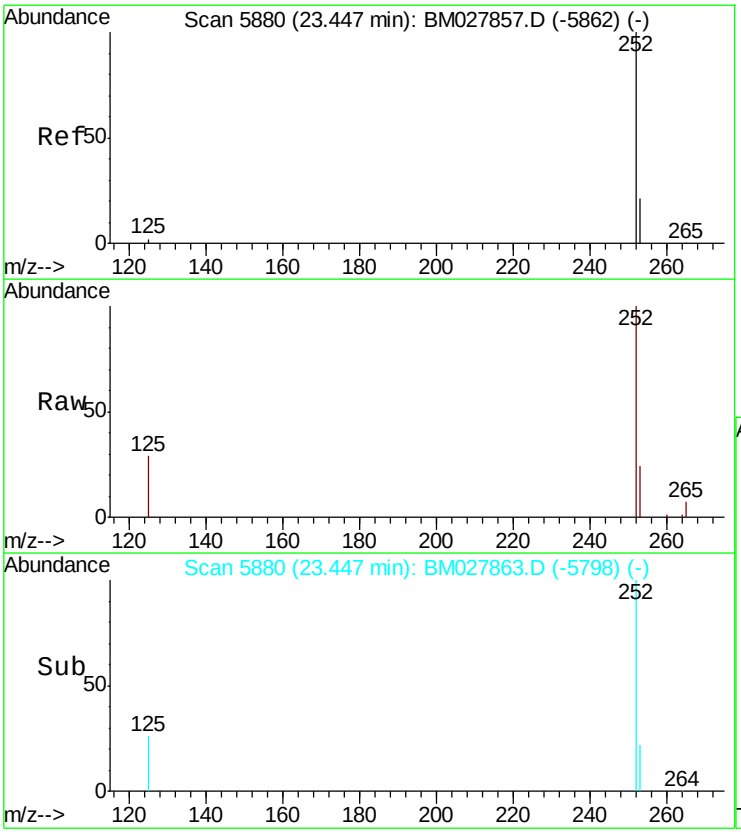
Tgt Ion:228 Resp: 25330

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.4	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
C0B44

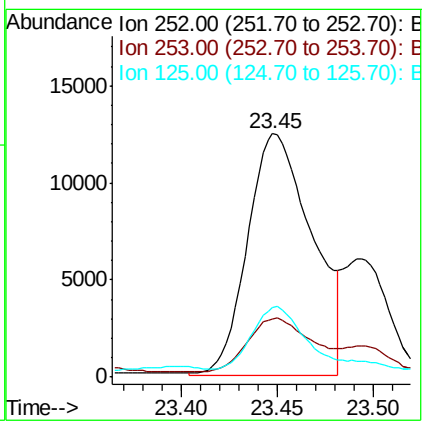
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

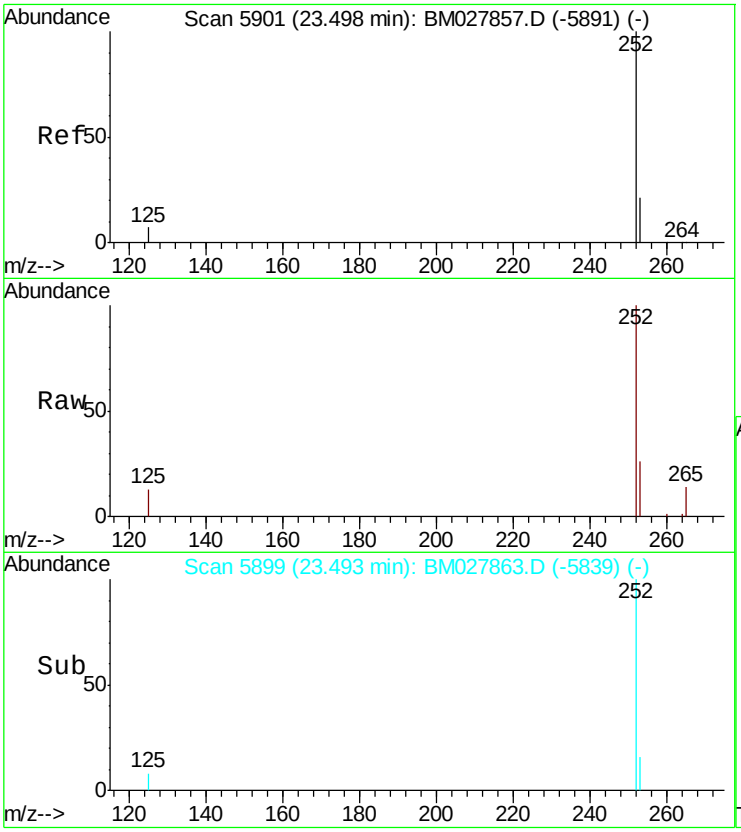


#21
Benzo(b)fluoranthene
Concen: 2.608 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:252 Resp: 29072

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	59.6
125	28.6	0.0	28.4#

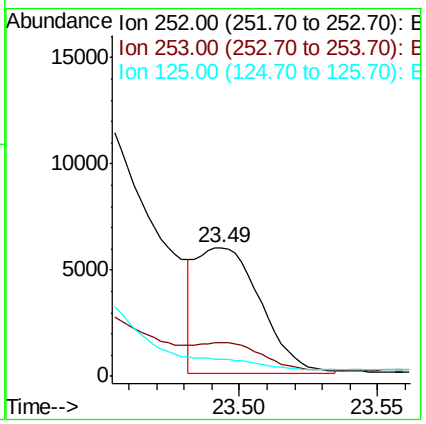




#22
Benzo(k)fluoranthene
Concen: 0.890 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

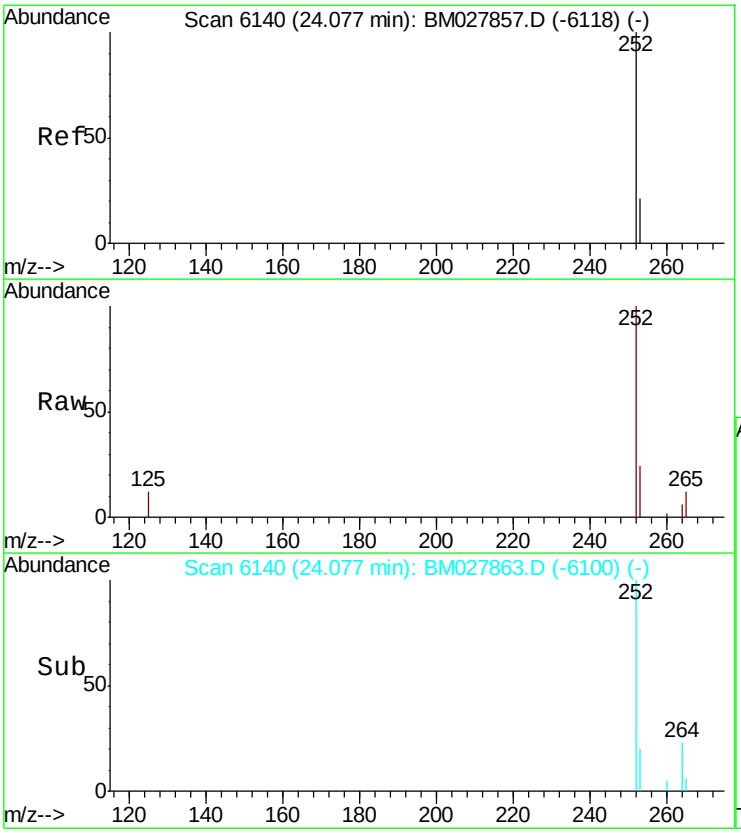
Tgt Ion:252 Resp: 9711

Ion	Ratio	Lower	Upper
252	100		
253	26.2	23.2	34.8
125	13.4	11.8	17.6



Instrument :
BNA_M
ClientSampleId :
C0B44

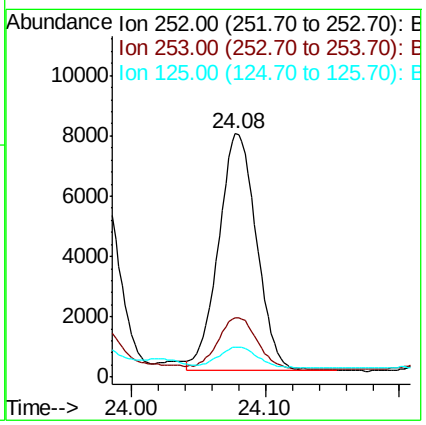
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

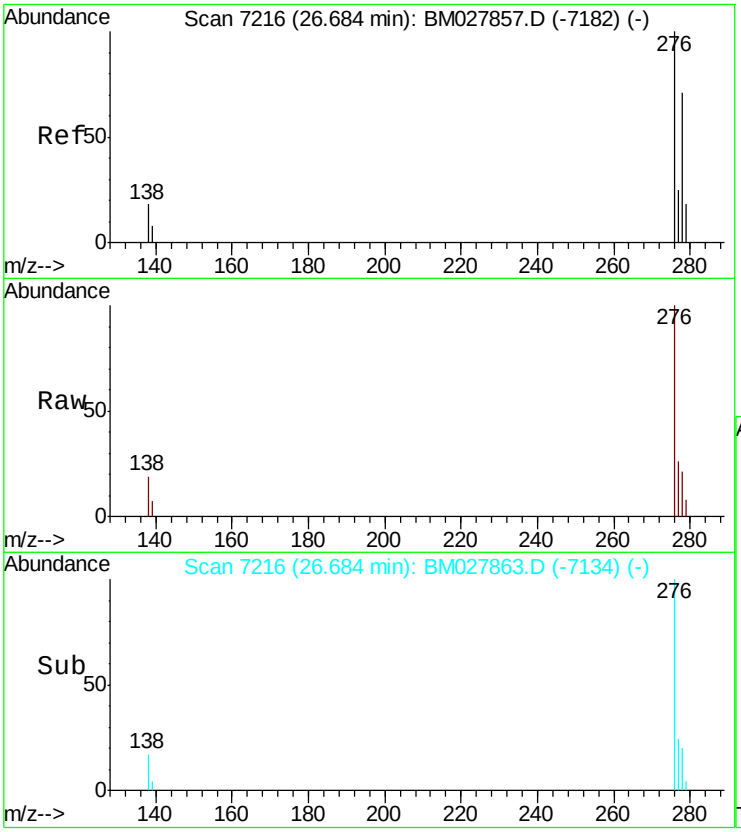


#23
Benzo(a)pyrene
Concen: 1.596 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:252 Resp: 15552

Ion	Ratio	Lower	Upper
252	100		
253	24.5	25.2	37.8#
125	12.3	13.8	20.6#

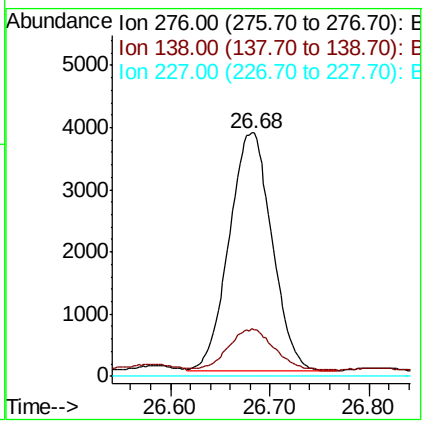




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.090 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

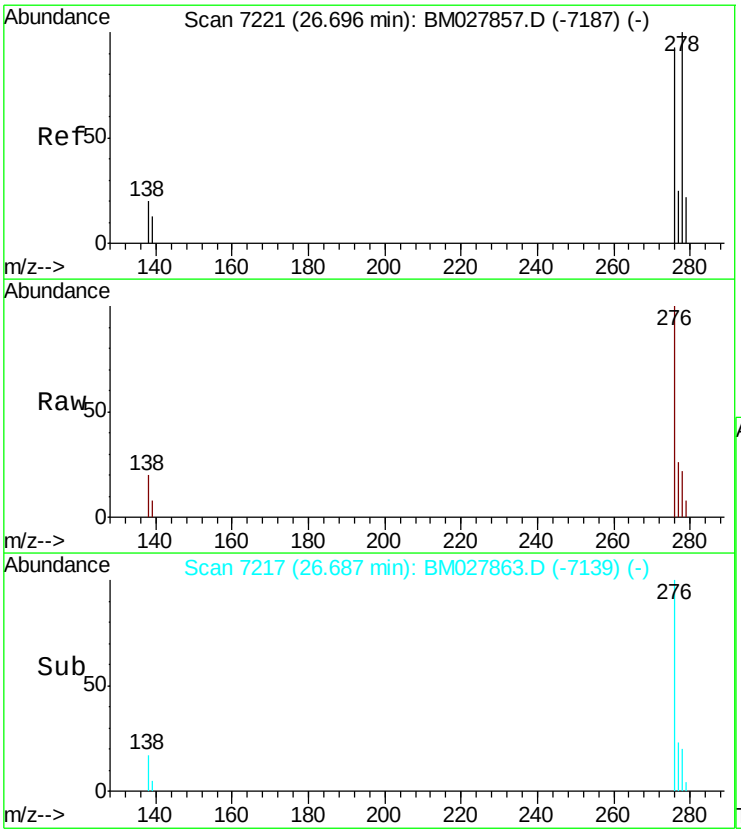
Tgt Ion:276 Resp: 11503

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0B44

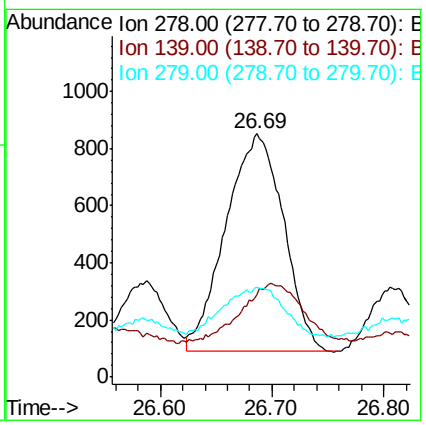
Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM

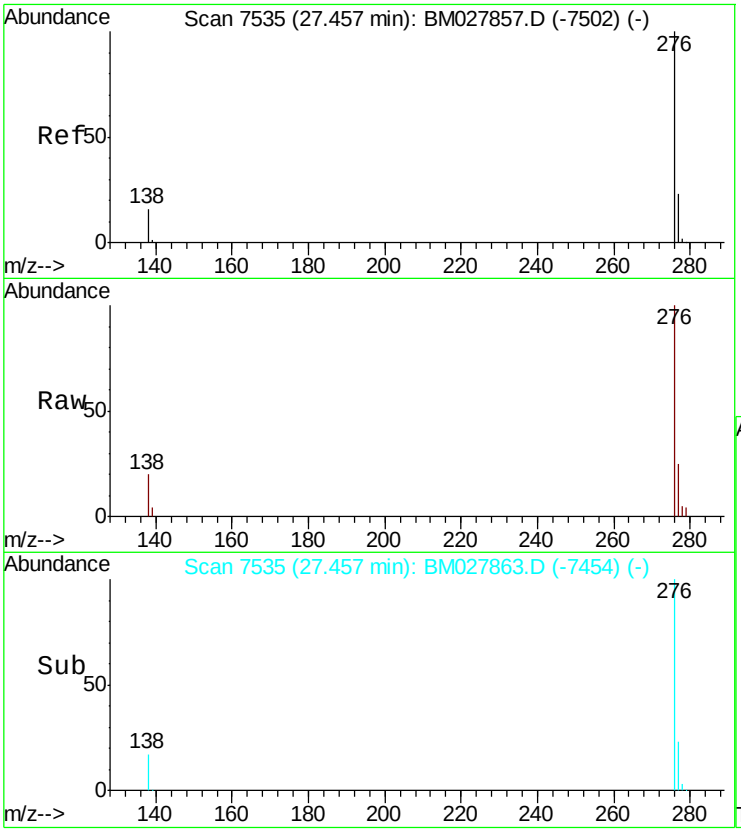


#25
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.01 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:278 Resp: 2721

Ion	Ratio	Lower	Upper
278	100		
139	33.8	14.8	22.2#
279	36.7	25.8	38.6

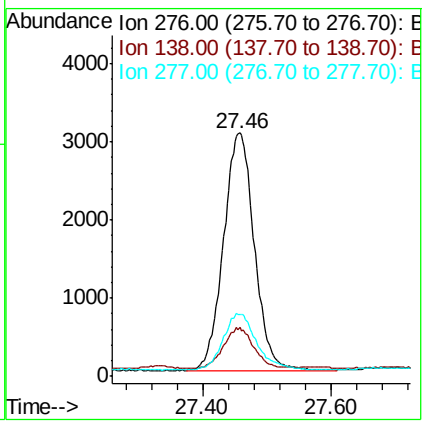




#26
Benzo(g,h,i)perylene
Concen: 1.141 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027863.D
Acq: 20 Nov 2020 21:37

Tgt Ion:276 Resp: 10102

Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.4	26.2
277	25.5	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B44

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:41 AM