Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027911.D
Acq On : 23 Nov 2020 13:47
Operator : JU/CG
Sample : L4711-09DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

Quant Time: Nov 23 14:22:10 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 : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1117	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4366	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2420	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4286	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2227	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	831	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1217	0.11	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	304	0.023	ng/ul#	56
7) Acenaphthylene	14.67	152	251	0.021	ng/ul#	54
12) Phenanthrene	17.70	178	5508	0.407	ng/ul	99
13) Anthracene	17.79	178	706	0.054	ng/ul#	81
15) Fluoranthene	19.68	202	13580	0.905	ng/ul	97
17) Pyrene	20.04	202	10806	0.955	ng/ul	97
18) Benzo(a)anthracene	21.75	228	4374	0.487	ng/ul	96
19) Chrysene	21.80	228	5909	0.675	ng/ul	96
21) Benzo(b)fluoranthene	23.45	252	7774m	0.895	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	2779m	0.327	ng/ul	
23) Benzo(a)pyrene	24.08	252	4434	0.584	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.68	276	3324	0.404	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	836	0.122	ng/ul#	36
26) Benzo(g,h,i)perylene	27.45	276	2866	0.415	ng/ul#	92

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

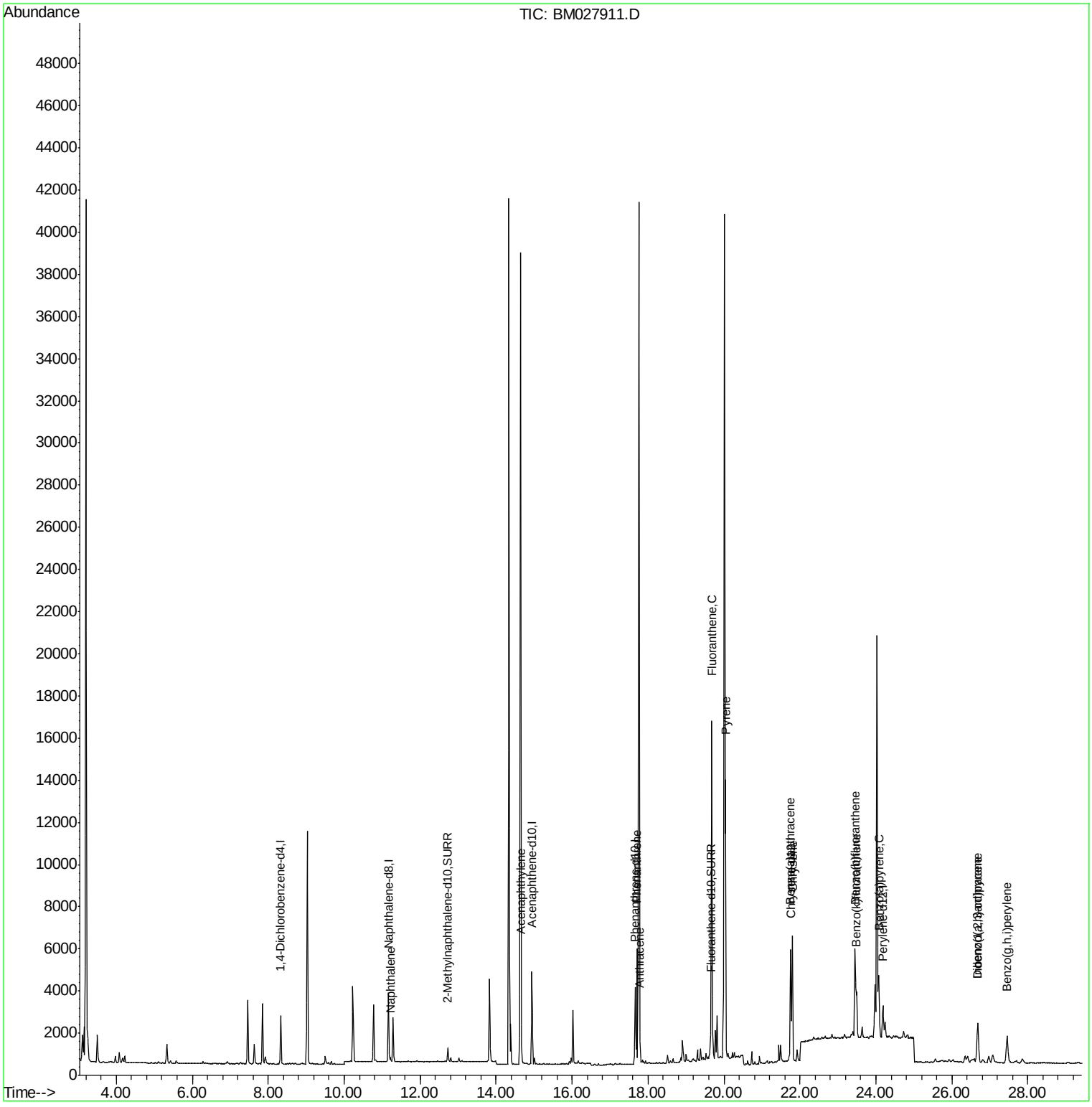
Quantitation Report (QT Reviewed)

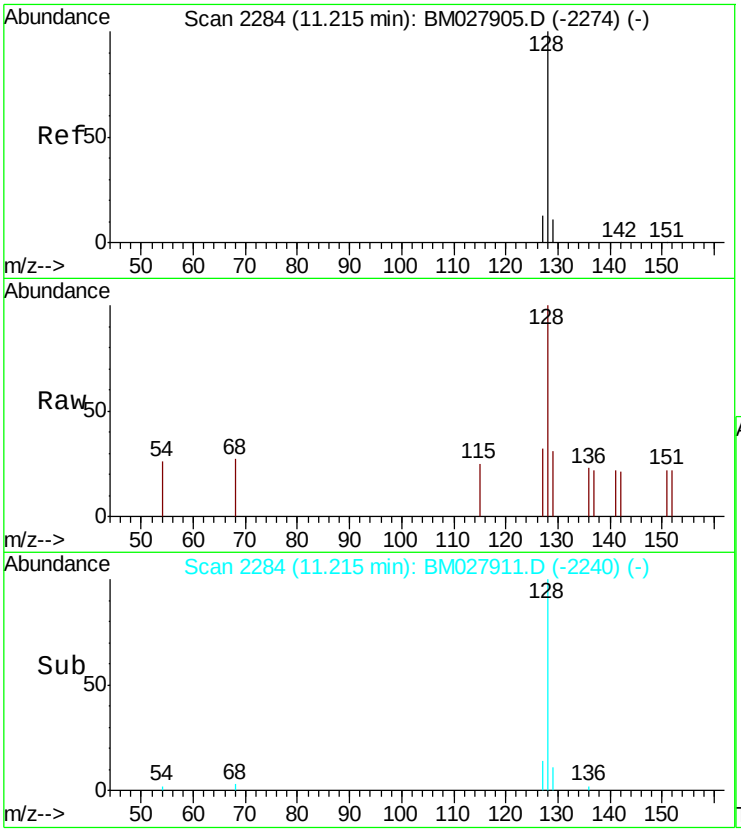
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027911.D
Acq On : 23 Nov 2020 13:47
Operator : JU/CG
Sample : L4711-09DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 23 14:22:10 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 : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B51DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM





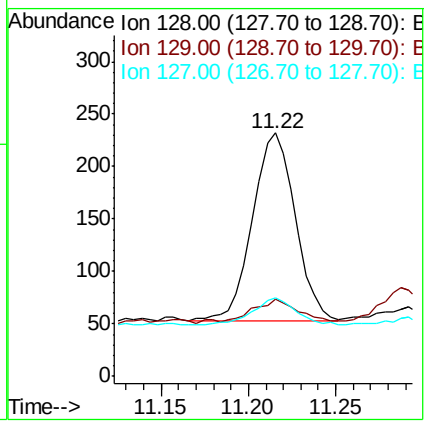
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 11.22 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

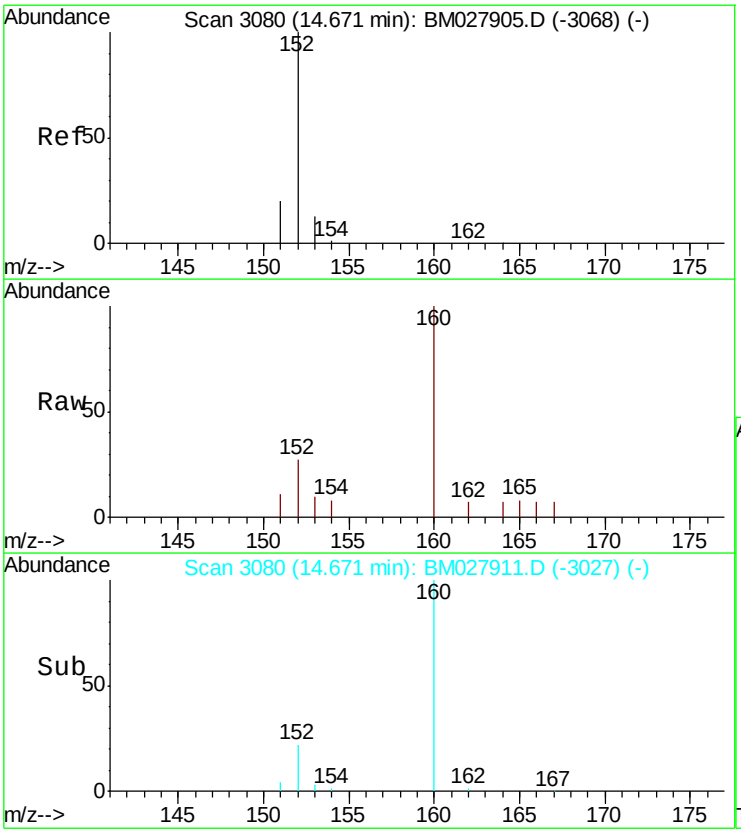
Tgt Ion:128 Resp: 304

Ion	Ratio	Lower	Upper
128	100		
129	31.5	10.4	15.6#
127	32.3	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B51DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

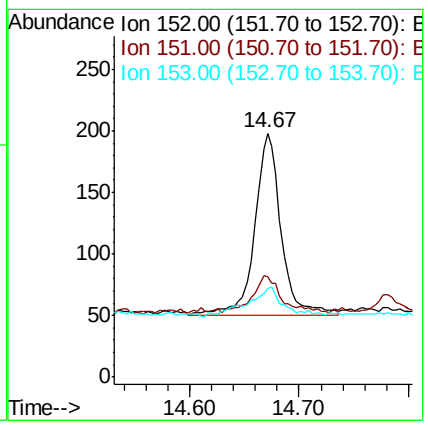


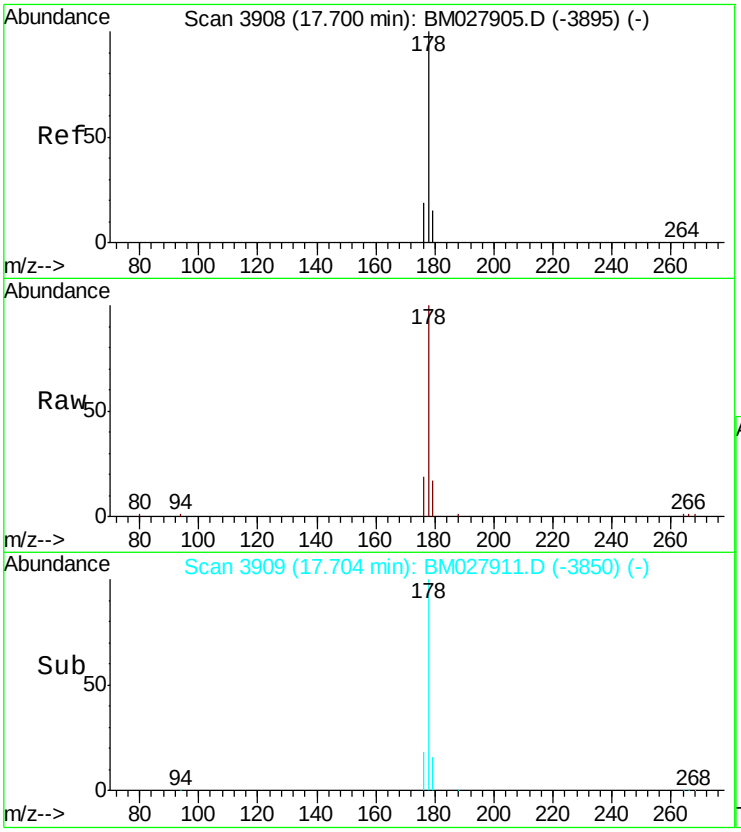


#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.67 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:152 Resp: 251

Ion	Ratio	Lower	Upper
152	100		
151	40.9	17.1	25.7#
153	36.4	12.0	18.0#

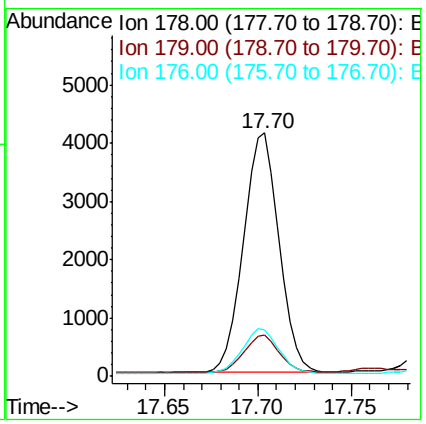




#12
Phenanthrene
Concen: 0.407 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

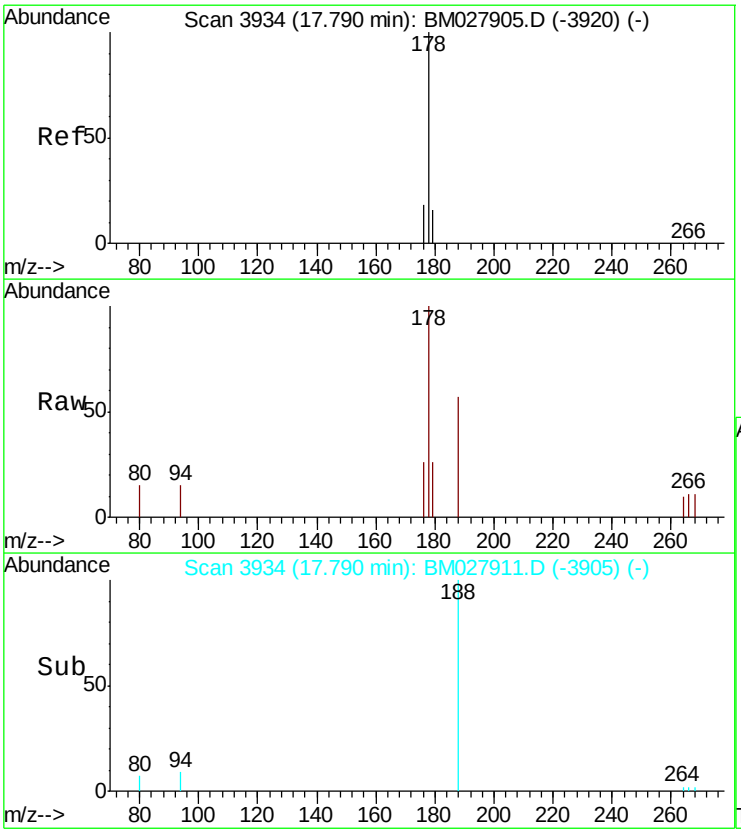
Tgt Ion:178 Resp: 5508

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.6	20.4
176	19.2	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B51DL

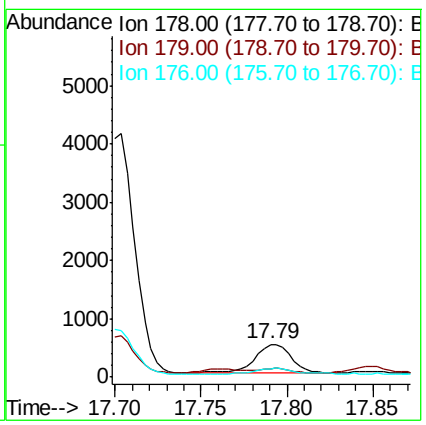
Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

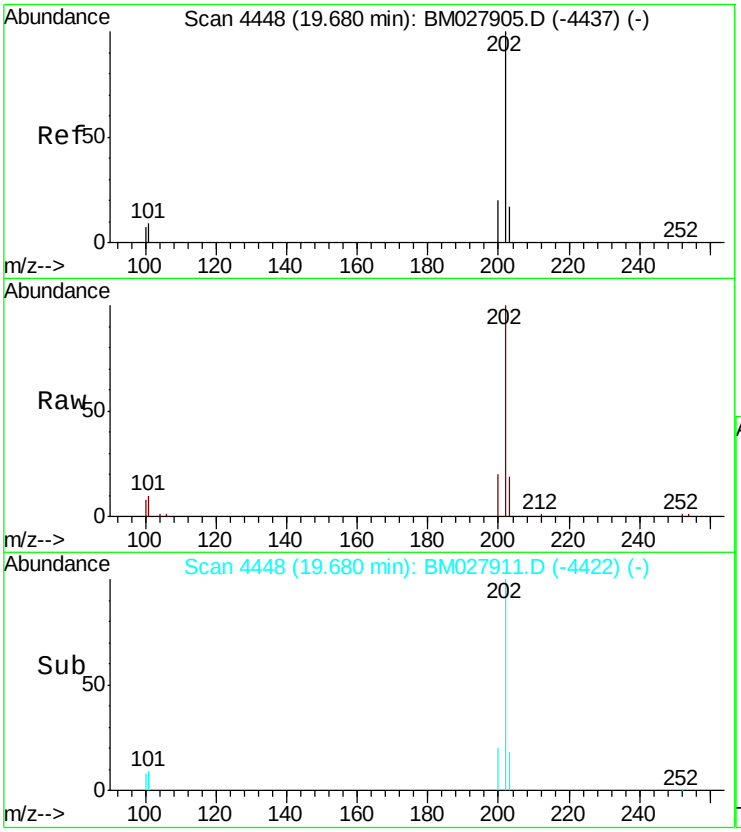


#13
Anthracene
Concen: 0.054 ng/ul
RT: 17.79 min Scan# 3934
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:178 Resp: 706

Ion	Ratio	Lower	Upper
178	100		
179	25.9	13.4	20.2#
176	26.4	15.0	22.6#

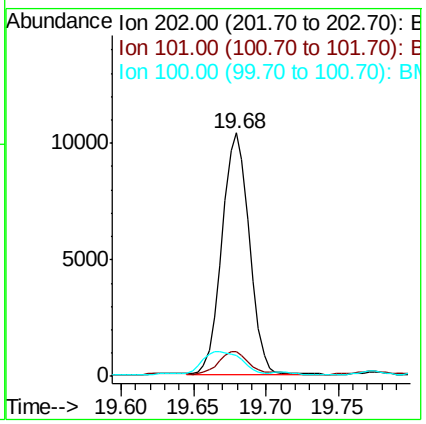




#15
Fluoranthene
Concen: 0.905 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

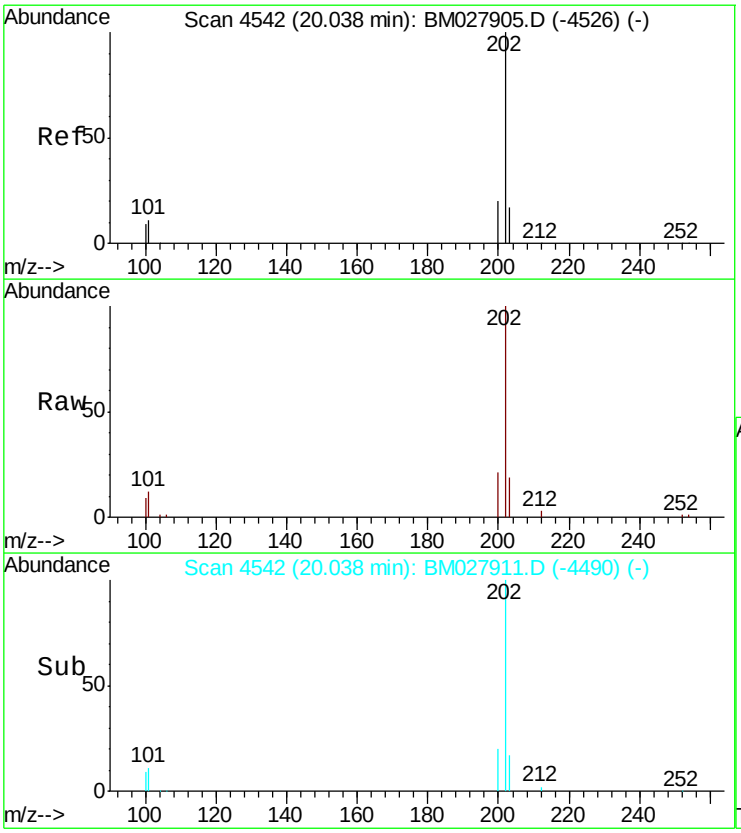
Tgt Ion:202 Resp: 13580

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.3
100	8.5	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B51DL

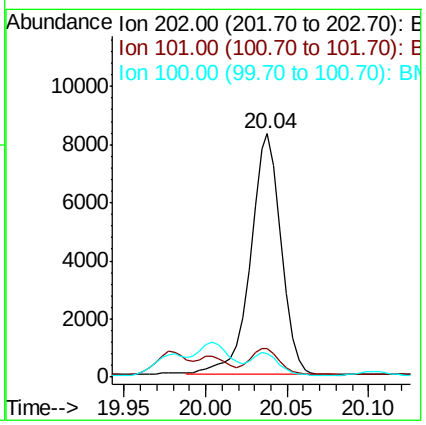
Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

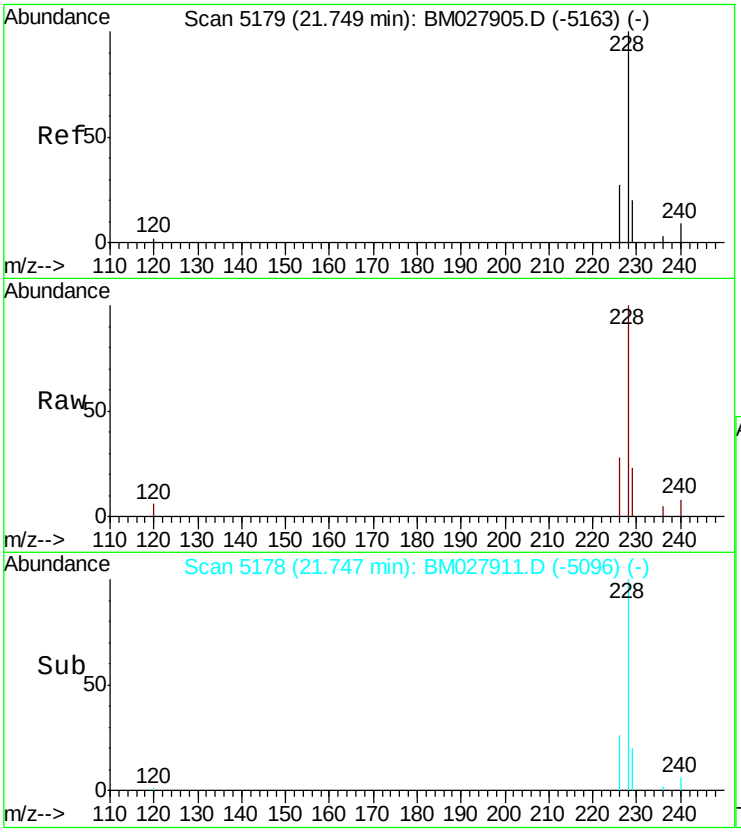


#17
Pyrene
Concen: 0.955 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:202 Resp: 10806

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.2	12.2
100	9.5	6.9	10.3

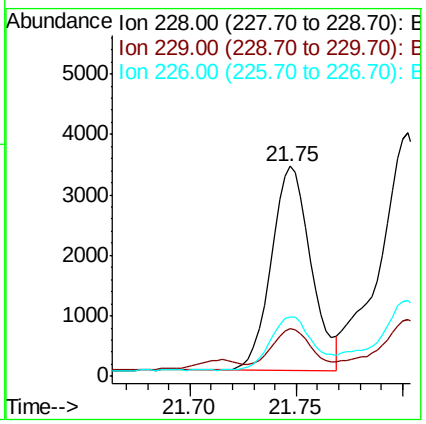




#18
Benzo(a)anthracene
Concen: 0.487 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

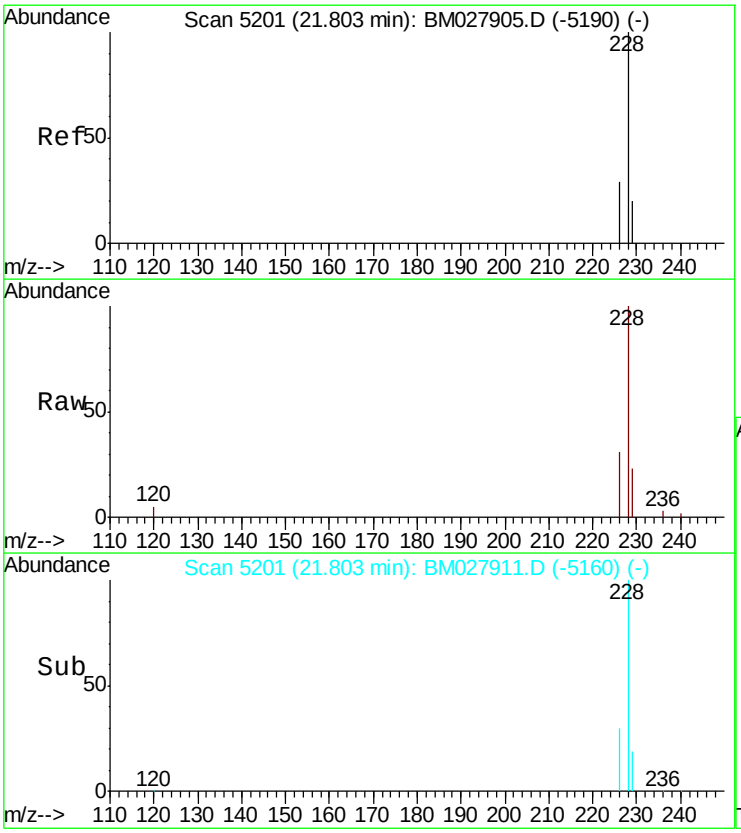
Tgt Ion:228 Resp: 4374

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.2	24.4
226	28.5	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B51DL

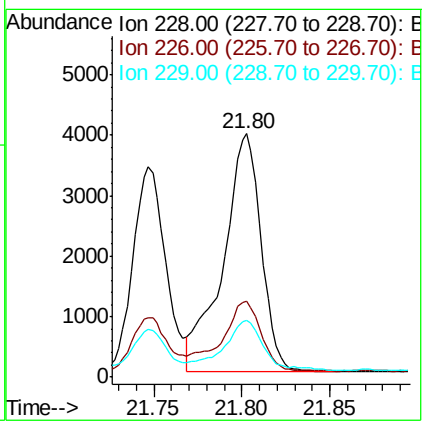
Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

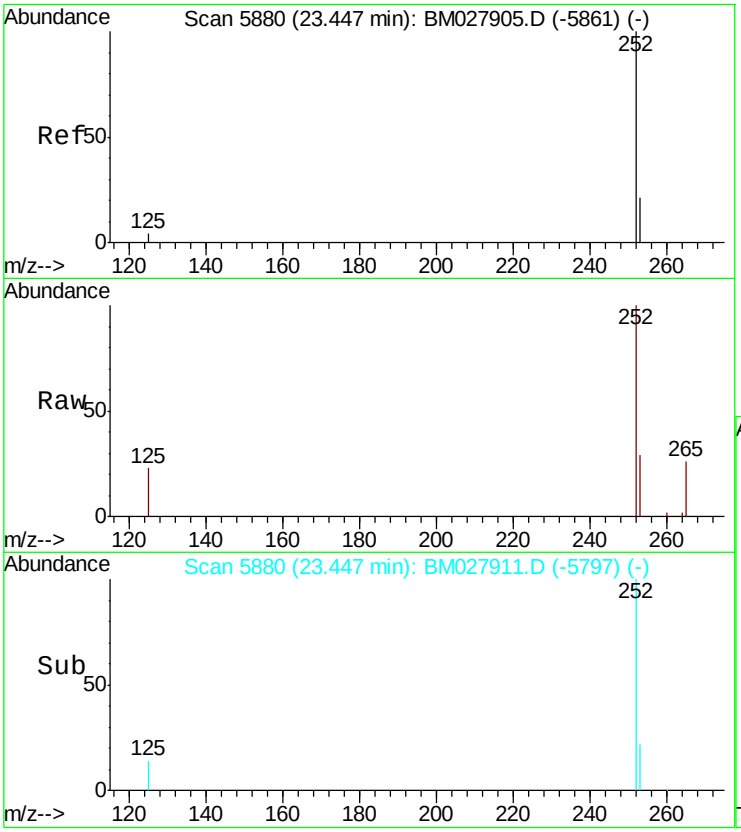


#19
Chrysene
Concen: 0.675 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:228 Resp: 5909

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	23.3	16.6	24.8





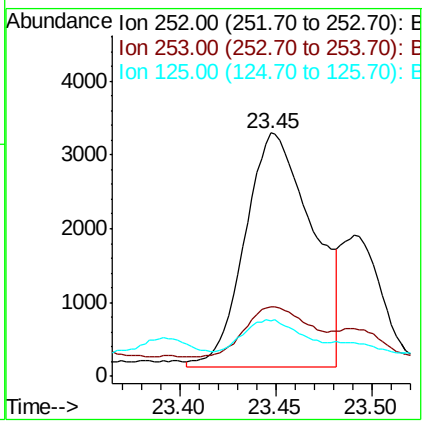
#21
Benzo(b)fluoranthene
Concen: 0.895 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

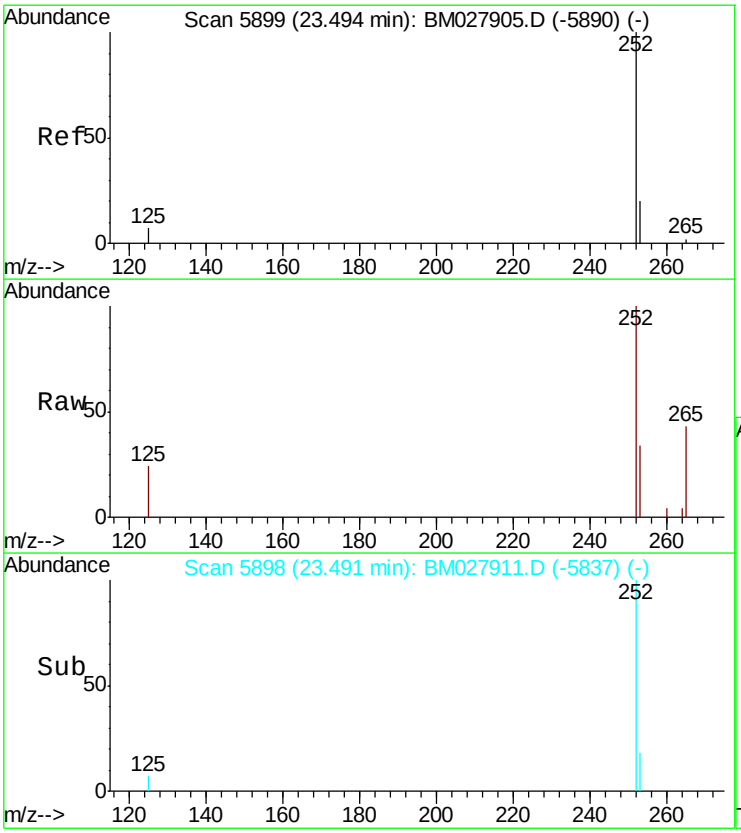
Tgt Ion:252 Resp: 7774

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	59.6
125	23.0	0.0	28.4

Instrument :
BNA_M
ClientSampleId :
C0B51DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

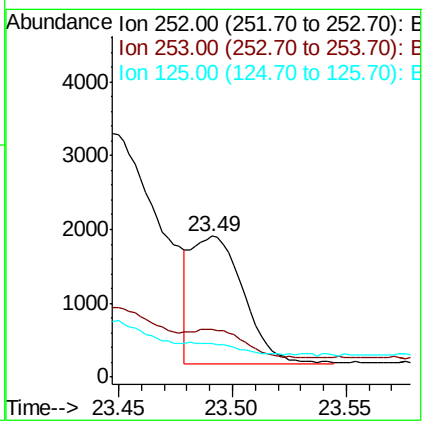


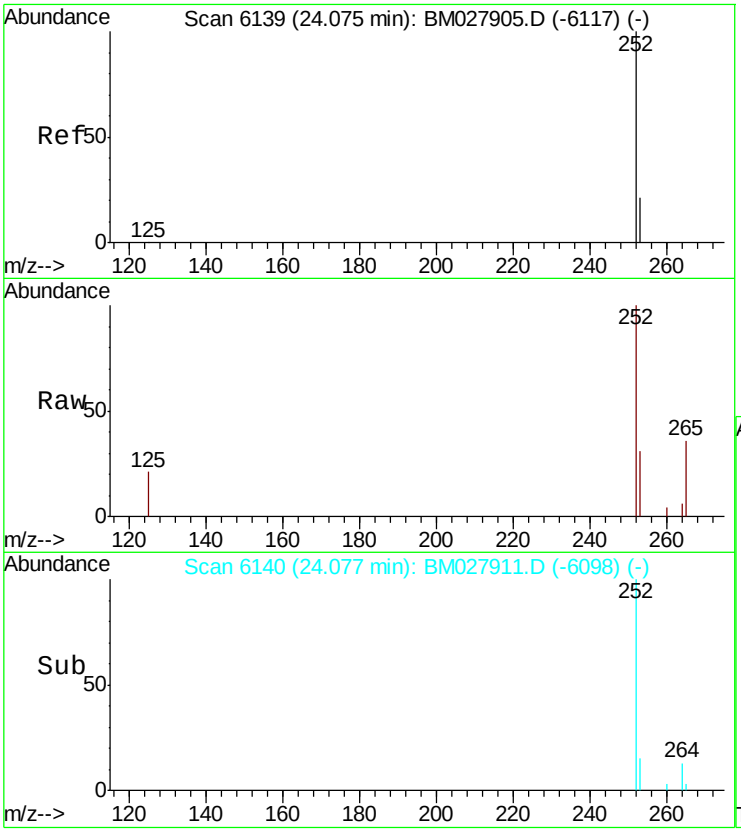


#22
Benzo(k)fluoranthene
Concen: 0.327 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:252 Resp: 2779

Ion	Ratio	Lower	Upper
252	100		
253	34.1	23.2	34.8
125	24.0	11.8	17.6#





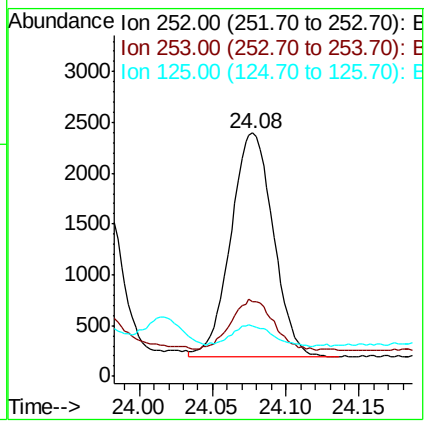
#23
Benzo(a)pyrene
Concen: 0.584 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. 0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

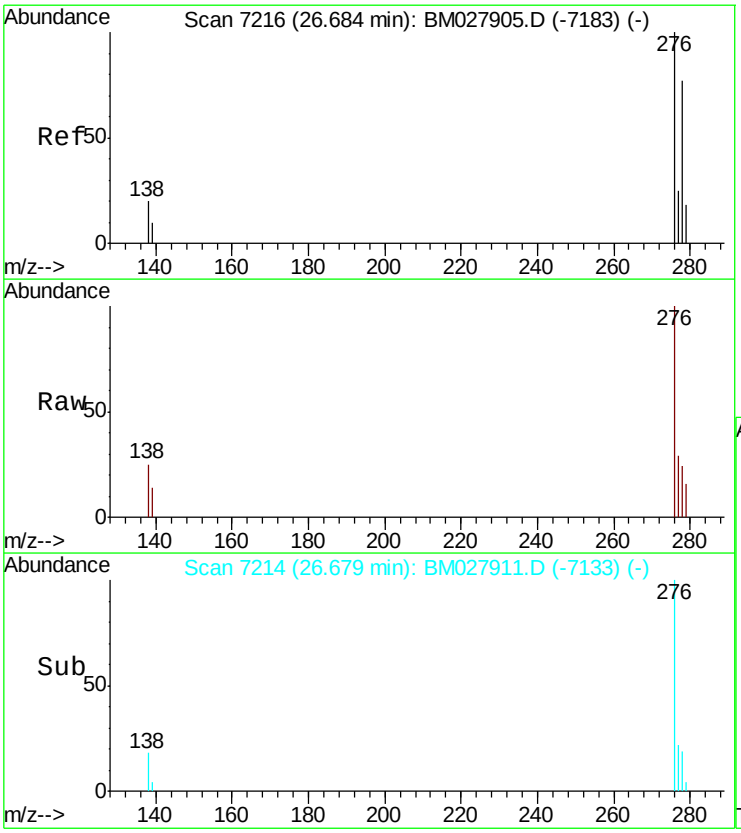
Tgt Ion:252 Resp: 4434

Ion	Ratio	Lower	Upper
252	100		
253	30.6	25.2	37.8
125	20.7	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
C0B51DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM

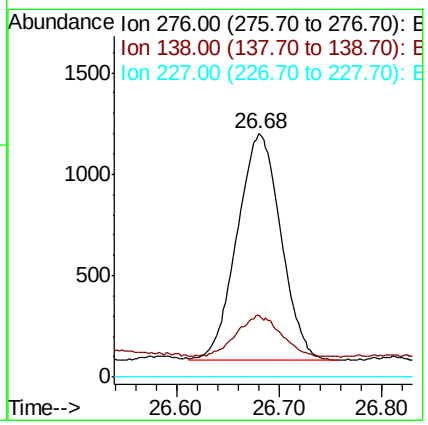


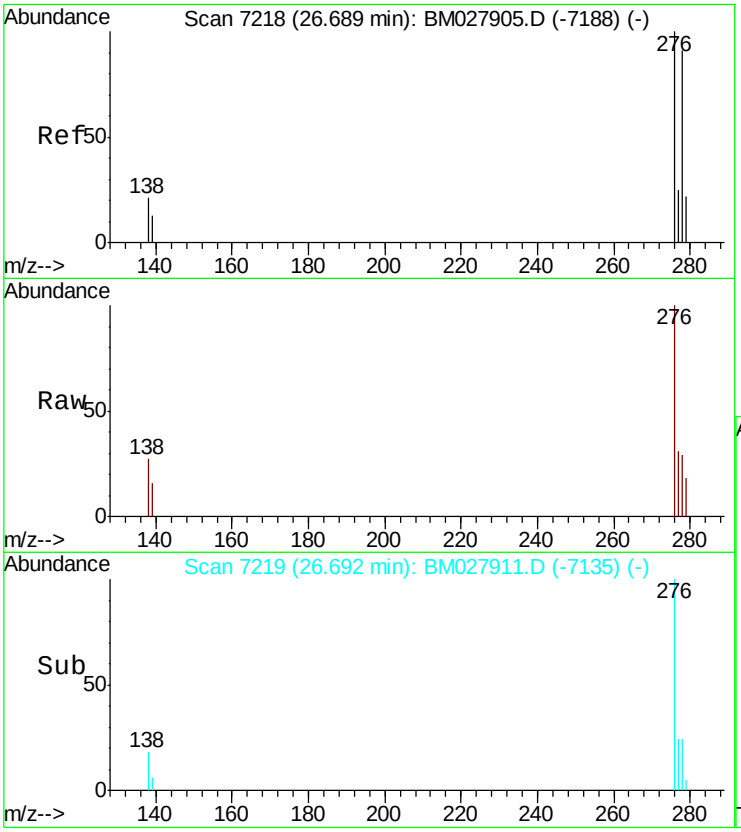


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:276 Resp: 3324

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





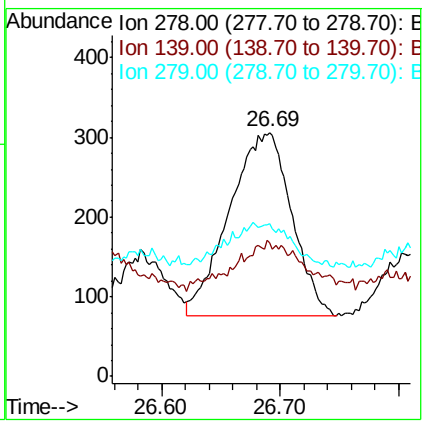
#25
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 26.69 min Scan# 7219
Delta R.T. 0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

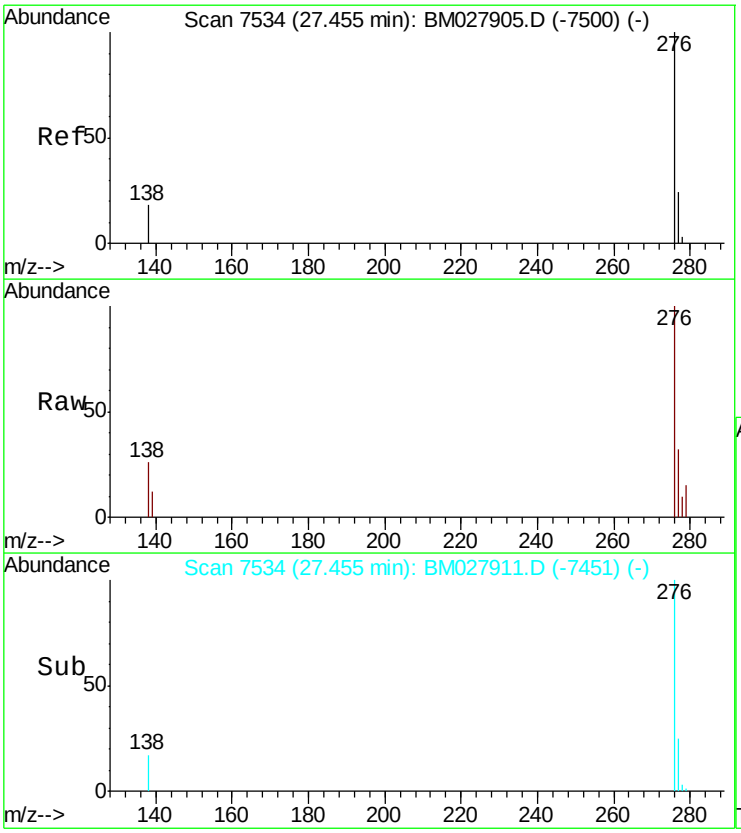
Tgt Ion:278 Resp: 836

Ion	Ratio	Lower	Upper
278	100		
139	54.9	14.8	22.2#
279	62.7	25.8	38.6#

Instrument :
BNA_M
ClientSampleId :
C0B51DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:44:21 PM





#26
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 27.45 min Scan# 7534
Delta R.T. -0.00 min
Lab File: BM027911.D
Acq: 23 Nov 2020 13:47

Tgt Ion:276 Resp: 2866

Ion	Ratio	Lower	Upper
276	100		
138	26.3	17.4	26.2#
277	31.7	22.5	33.7