Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025337.D
Acq On : 07 Mar 2020 06:54
Operator : CG/JU
Sample : L1619-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 07 20:45:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 19:35:17 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDT9

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3847	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12719	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	29781m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28627	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	25779	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8704	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	24621	0.25	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	2642	0.044	ng/ul	98
8) Acenaphthene	14.36	153	1660	0.036	ng/ul	99
12) Phenanthrene	17.08	178	5241	0.055	ng/ul	98
13) Anthracene	17.17	178	18833	0.221	ng/ul	96
15) Fluoranthene	19.10	202	14604	0.122	ng/ul	97
17) Pyrene	19.46	202	25468m	0.235	ng/ul	
18) Benzo(a)anthracene	21.21	228	26445	0.251	ng/ul	99
19) Chrysene	21.26	228	50277	0.435	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	62410m	0.605	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	24772m	0.229	ng/ul	
23) Benzo(a)pyrene	23.32	252	30078	0.347	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	16117	0.149	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	4434	0.050	ng/ul#	83
26) Benzo(g,h,i)perylene	26.25	276	11849	0.129	ng/ul#	95

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

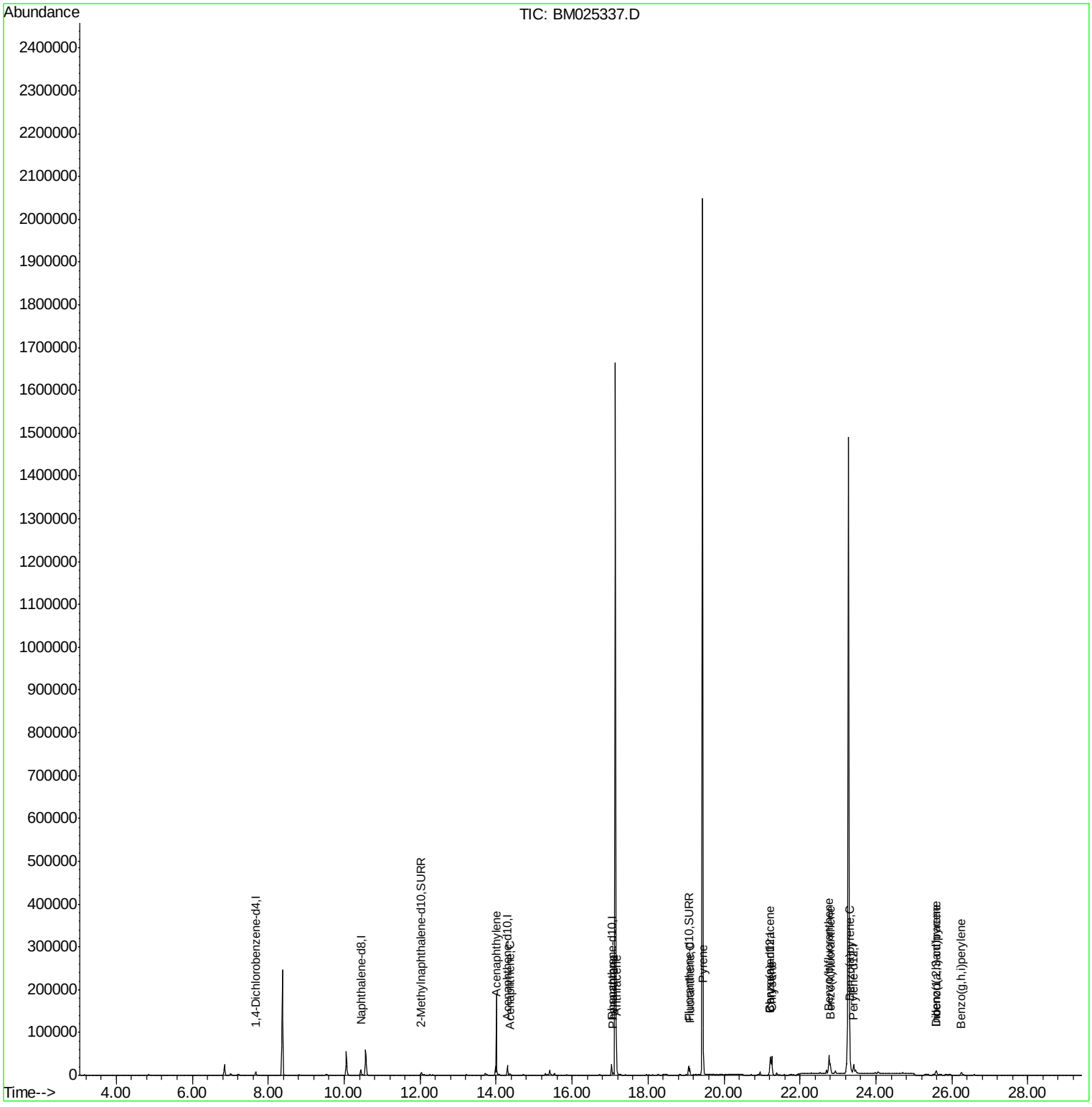
Quantitation Report (QT Reviewed)

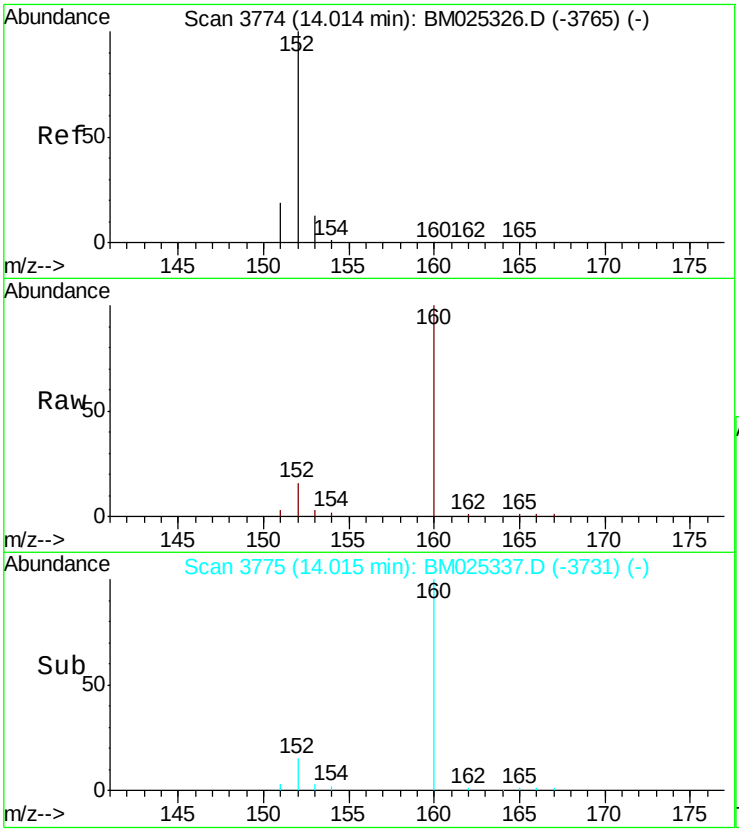
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025337.D
Acq On : 07 Mar 2020 06:54
Operator : CG/JU
Sample : L1619-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 07 20:45:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 19:35:17 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT9

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

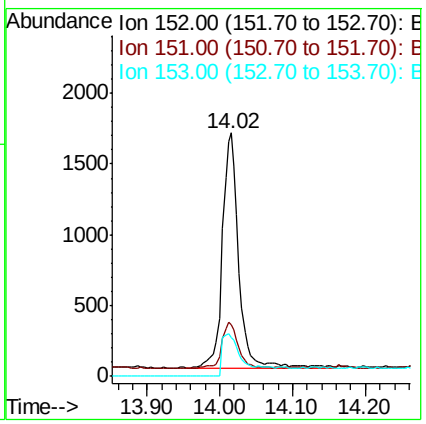




#7
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.02 min Scan# 3775
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

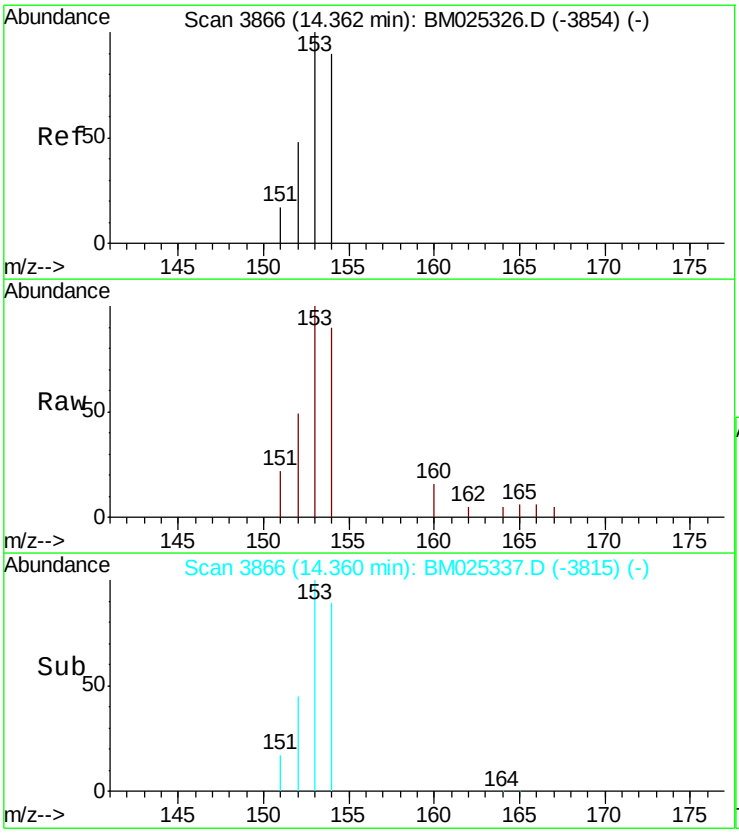
Tgt Ion:152 Resp: 2642

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.8	26.8
153	16.2	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
DBDT9

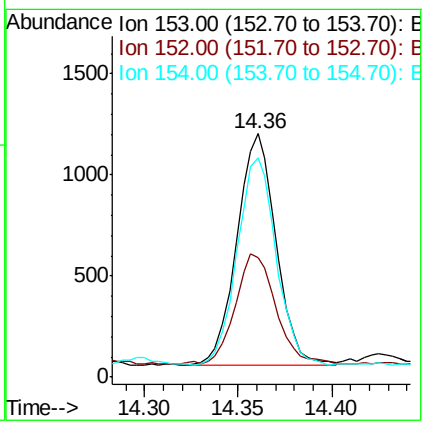
Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

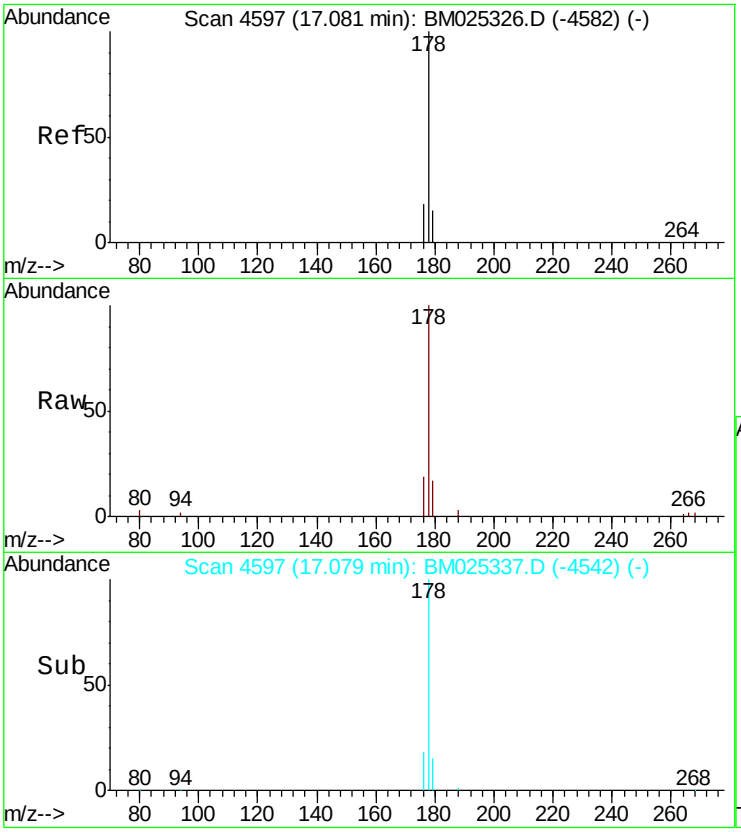


#8
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.36 min Scan# 3866
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:153 Resp: 1660

Ion	Ratio	Lower	Upper
153	100		
152	48.8	40.0	60.0
154	90.0	71.0	106.6

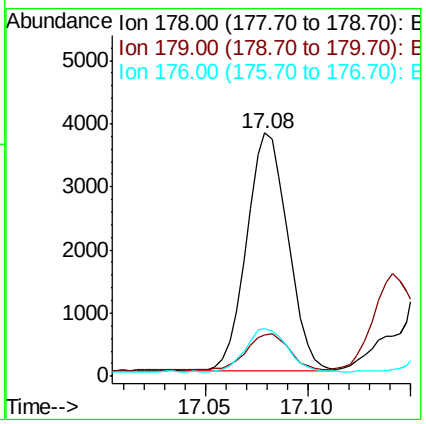




#12
Phenanthrene
Concen: 0.055 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

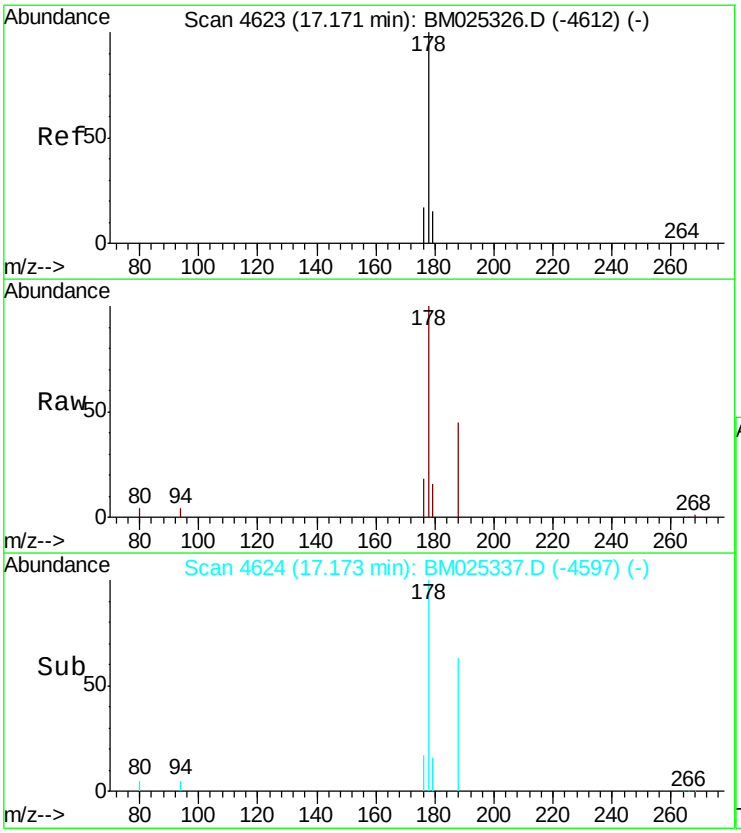
Tgt Ion:178 Resp: 5241

Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.0	21.0
176	19.5	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBDT9

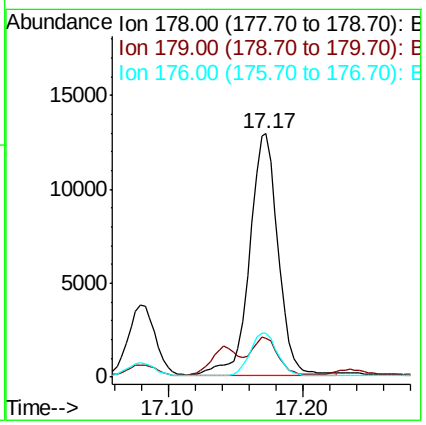
Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

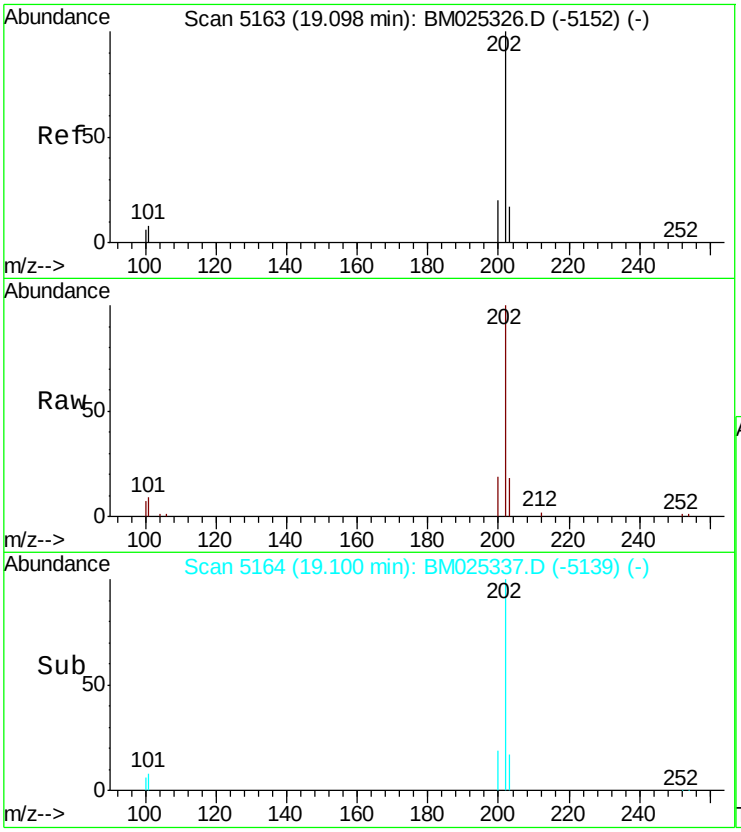


#13
Anthracene
Concen: 0.221 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:178 Resp: 18833

Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.1	21.1
176	18.1	16.2	24.4

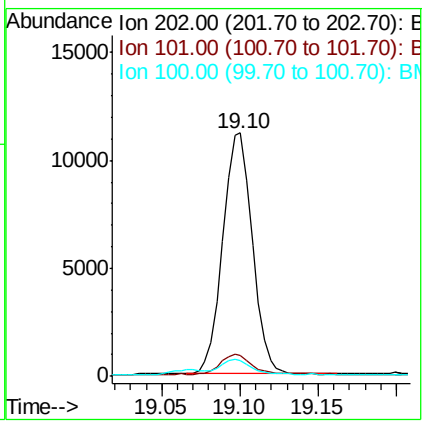




#15
Fluoranthene
Concen: 0.122 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

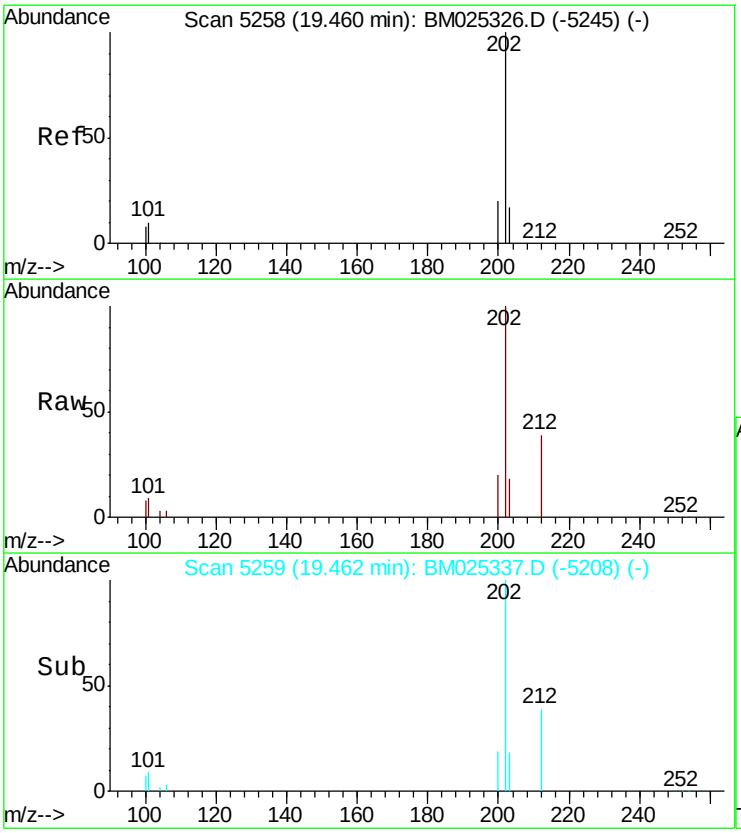
Tgt Ion:202 Resp: 14604

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.4
100	6.6	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBDT9

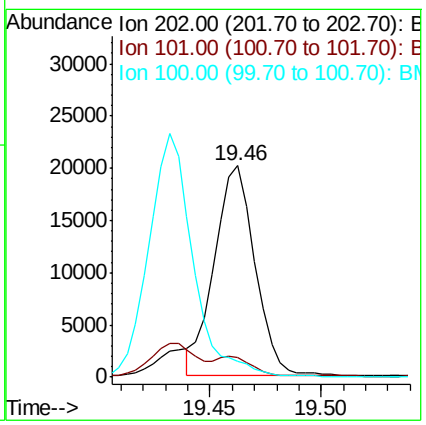
Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

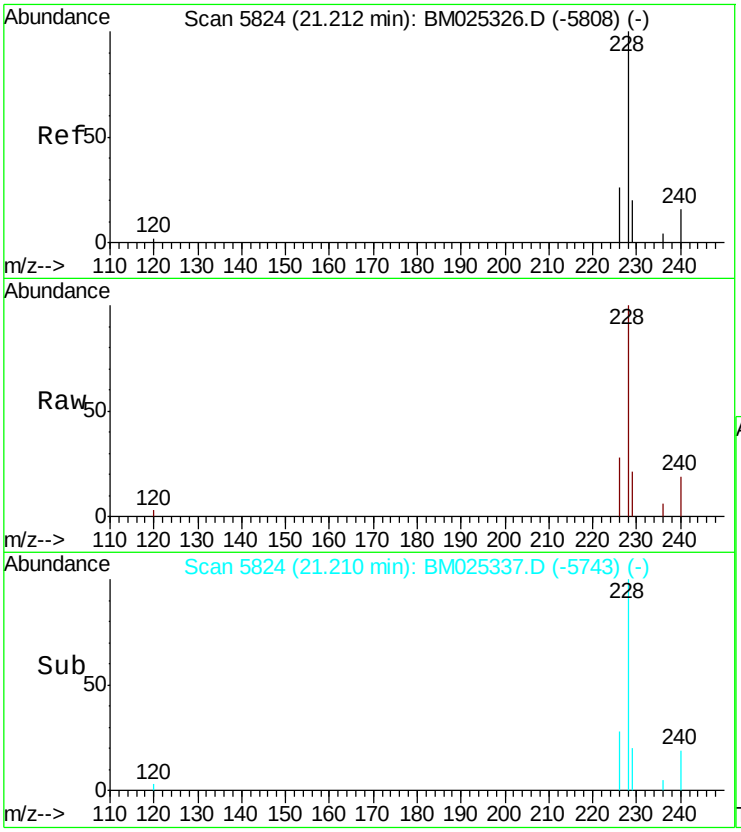


#17
Pyrene
Concen: 0.235 ng/ul m
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:202 Resp: 25468

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.7	13.1
100	7.6	7.3	10.9

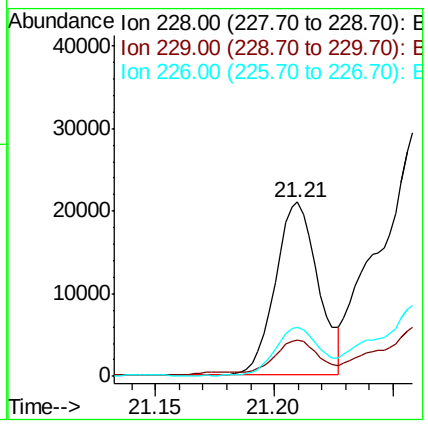




#18
Benzo(a)anthracene
Concen: 0.251 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

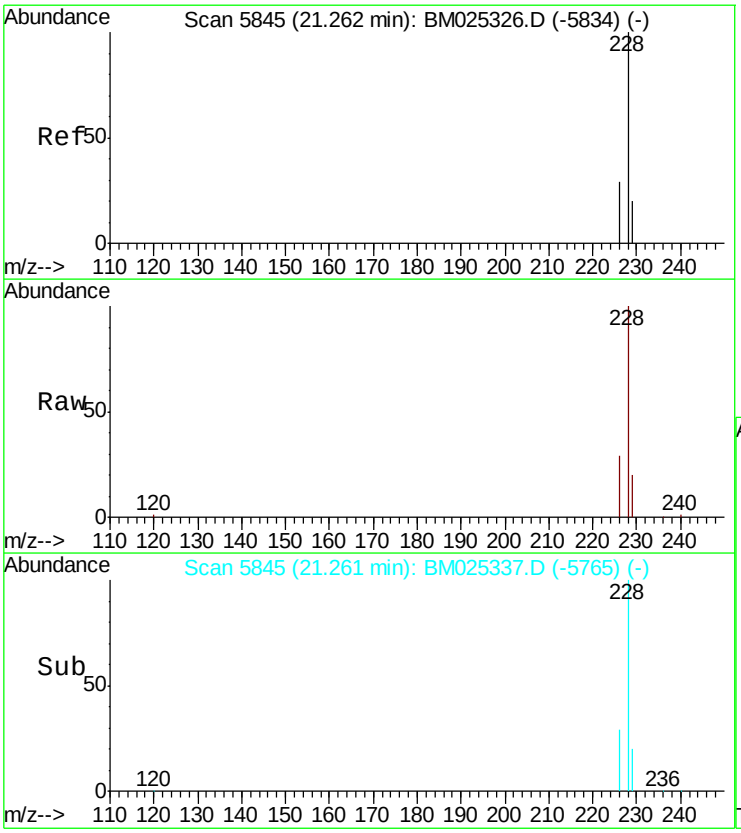
Tgt Ion:228 Resp: 26445

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	28.3	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
DBDT9

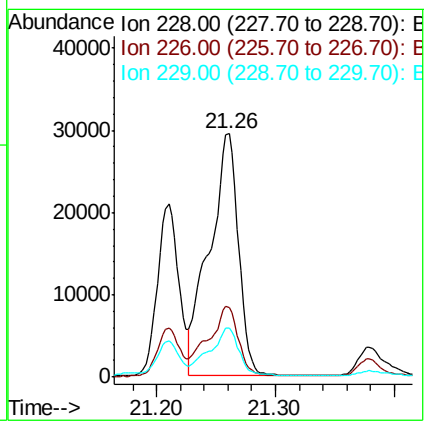
Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

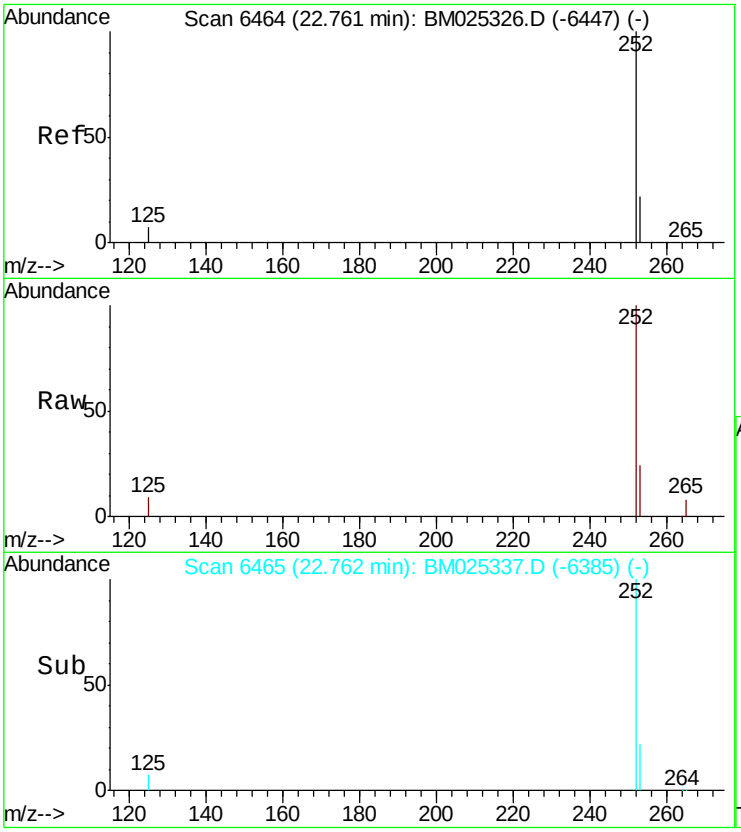


#19
Chrysene
Concen: 0.435 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:228 Resp: 50277

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.8
229	20.2	16.9	25.3

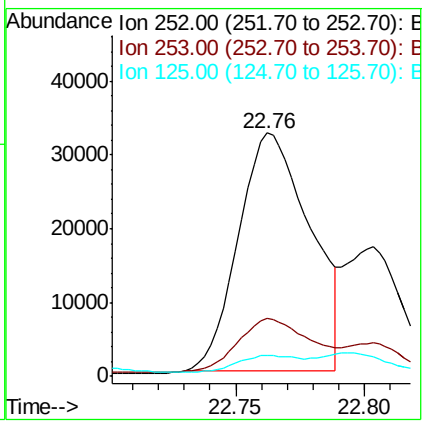




#21
Benzo(b)fluoranthene
Concen: 0.605 ng/ul m
RT: 22.76 min Scan# 6465
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

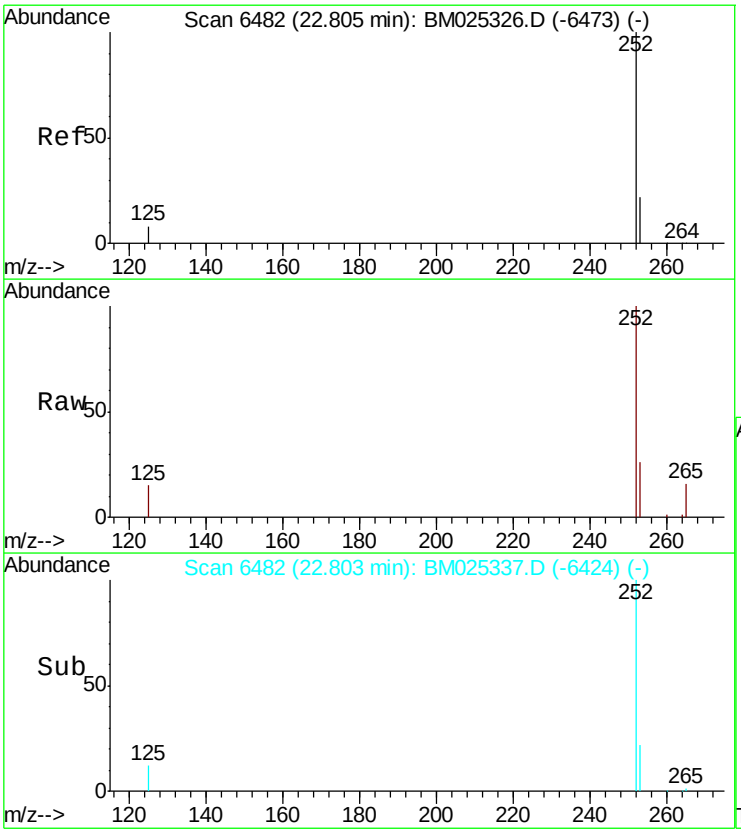
Tgt Ion:252 Resp: 62410

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	49.8
125	8.7	0.0	28.6



Instrument :
BNA_M
ClientSampleId :
DBDT9

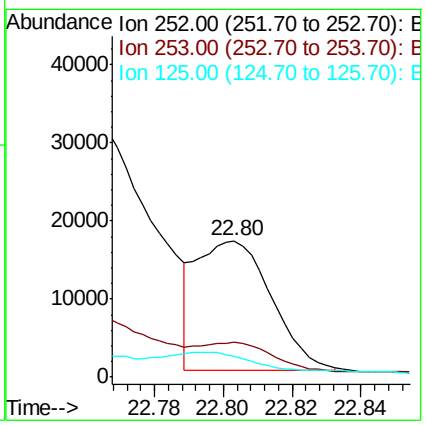
Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

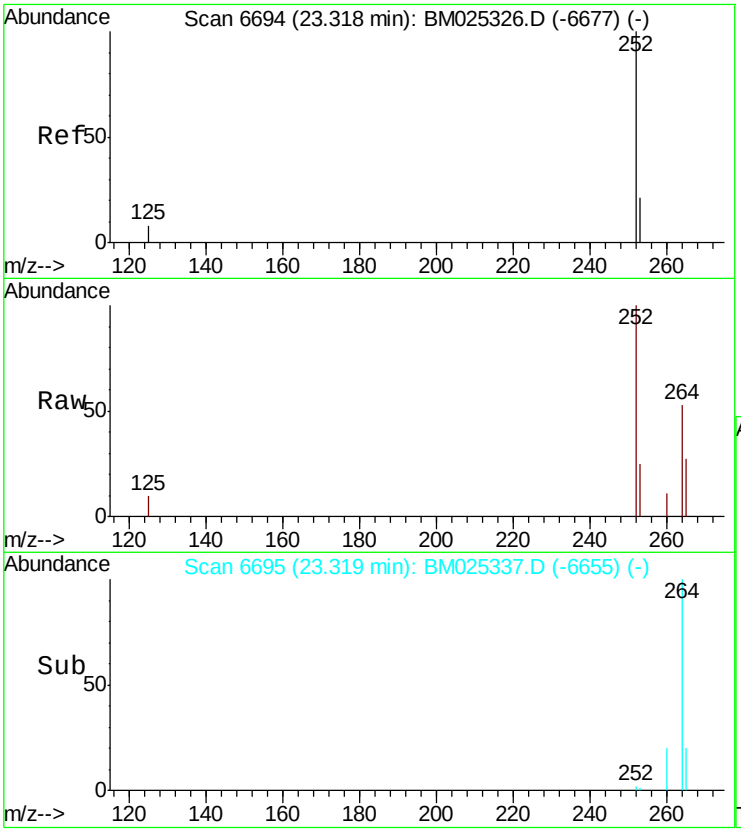


#22
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.80 min Scan# 6482
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:252 Resp: 24772

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.4	29.0
125	14.9	10.7	16.1





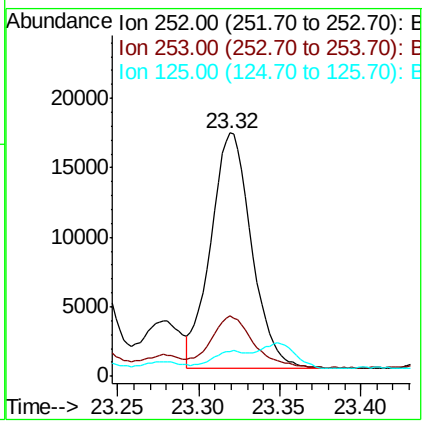
#23
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.32 min Scan# 6695
Delta R.T. -0.00 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

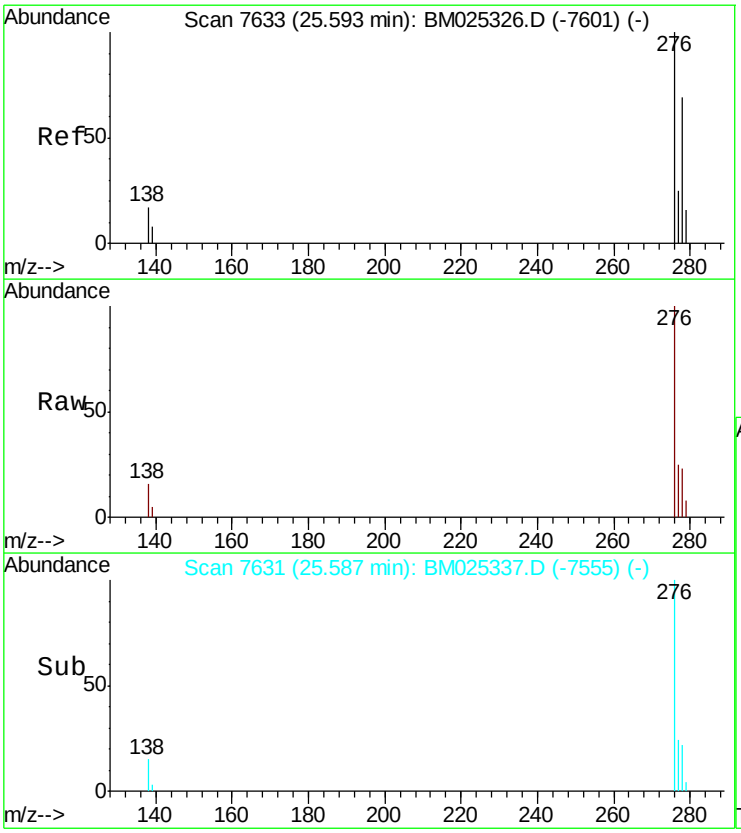
Tgt Ion:252 Resp: 30078

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.3	30.5
125	10.2	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
DBDT9

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM

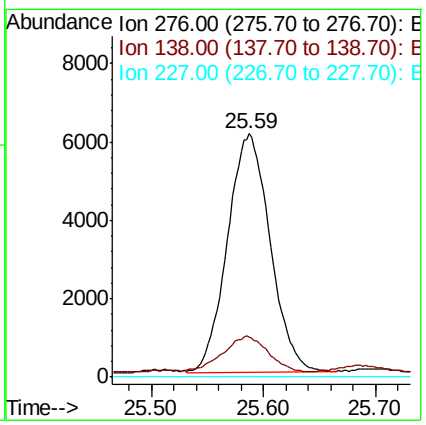


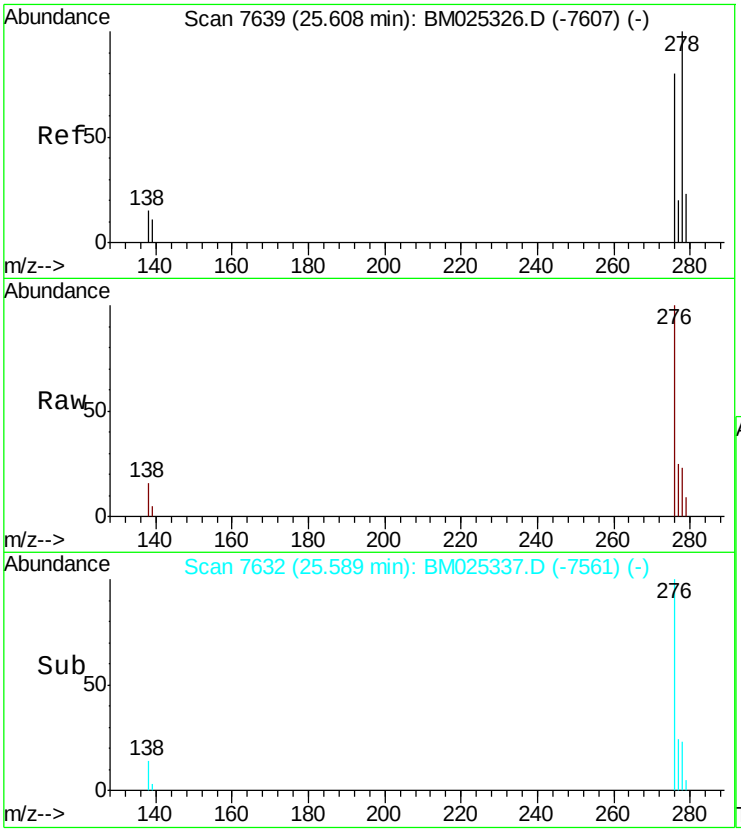


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng/ul
RT: 25.59 min Scan# 7631
Delta R.T. -0.02 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:276 Resp: 16117

Ion	Ratio	Lower	Upper
276	100		
138	15.8	0.0	0.0#
227	0.0	0.0	0.0





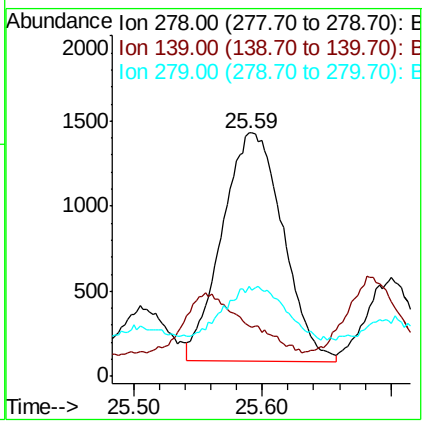
#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.59 min Scan# 7632
Delta R.T. -0.03 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

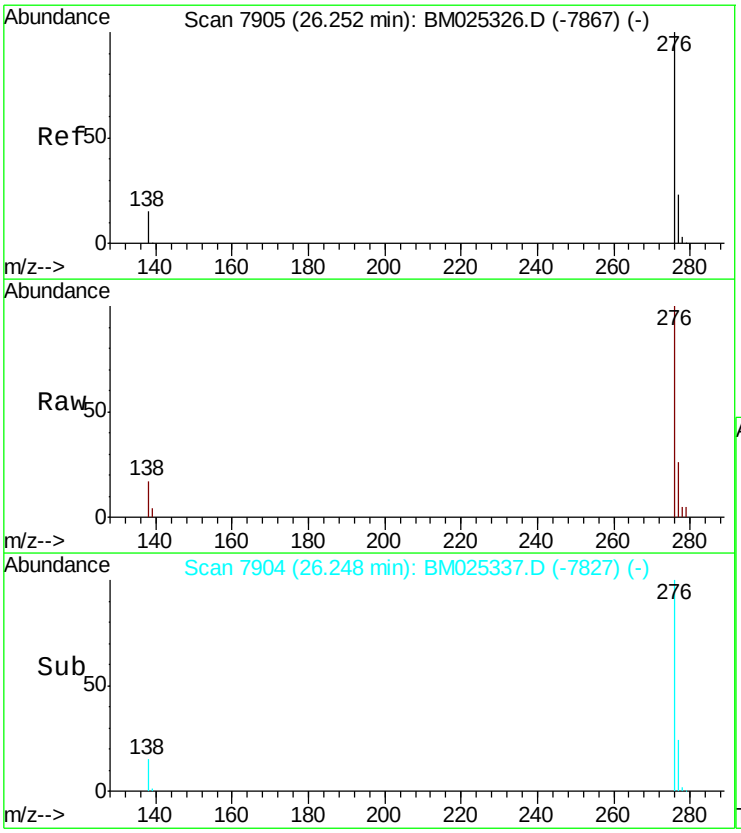
Tgt Ion:278 Resp: 4434

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.2	19.8#
279	37.1	21.0	31.4#

Instrument :
BNA_M
ClientSampleId :
DBDT9

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:03 PM





#26
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 26.25 min Scan# 7904
Delta R.T. -0.01 min
Lab File: BM025337.D
Acq: 07 Mar 2020 06:54

Tgt Ion:276 Resp: 11849

Ion	Ratio	Lower	Upper
276	100		
138	17.3	17.9	26.9#
277	25.7	20.5	30.7