Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028783.D
Acq On : 17 Feb 2021 21:54
Operator : CG/JU
Sample : M1379-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 18 05:13:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	592	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2342	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2699	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	5245	0.40	ng/ul	0.03
20) Perylene-d12	23.68	264	2444	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	656	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1577	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1660	0.285	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	413	0.106	ng/ul	98
7) Acenaphthylene	14.26	152	4862	0.717	ng/ul	99
8) Acenaphthene	14.60	153	1418	0.264	ng/ul	99
9) Fluorene	15.59	166	1691	0.283	ng/ul#	93
11) Pentachlorophenol	16.94	266	154	0.218	ng/ul	95
12) Phenanthrene	17.32	178	36491	4.837	ng/ul	95
13) Anthracene	17.41	178	9857	1.370	ng/ul	95
15) Fluoranthene	19.33	202	86421	10.064	ng/ul	95
17) Pyrene	19.69	202	74806	3.925	ng/ul	98
18) Benzo(a)anthracene	21.43	228	41397	2.312	ng/ul	97
19) Chrysene	21.48	228	44575	2.505	ng/ul	95
21) Benzo(b)fluoranthene	23.01	252	62506m	7.473	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	22536m	2.700	ng/ul	
23) Benzo(a)pyrene	23.58	252	36008	4.833	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.94	276	26476	2.729	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.94	278	7245	0.890	ng/ul#	69
26) Benzo(g,h,i)perylene	26.63	276	23483	2.908	ng/ul	93

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

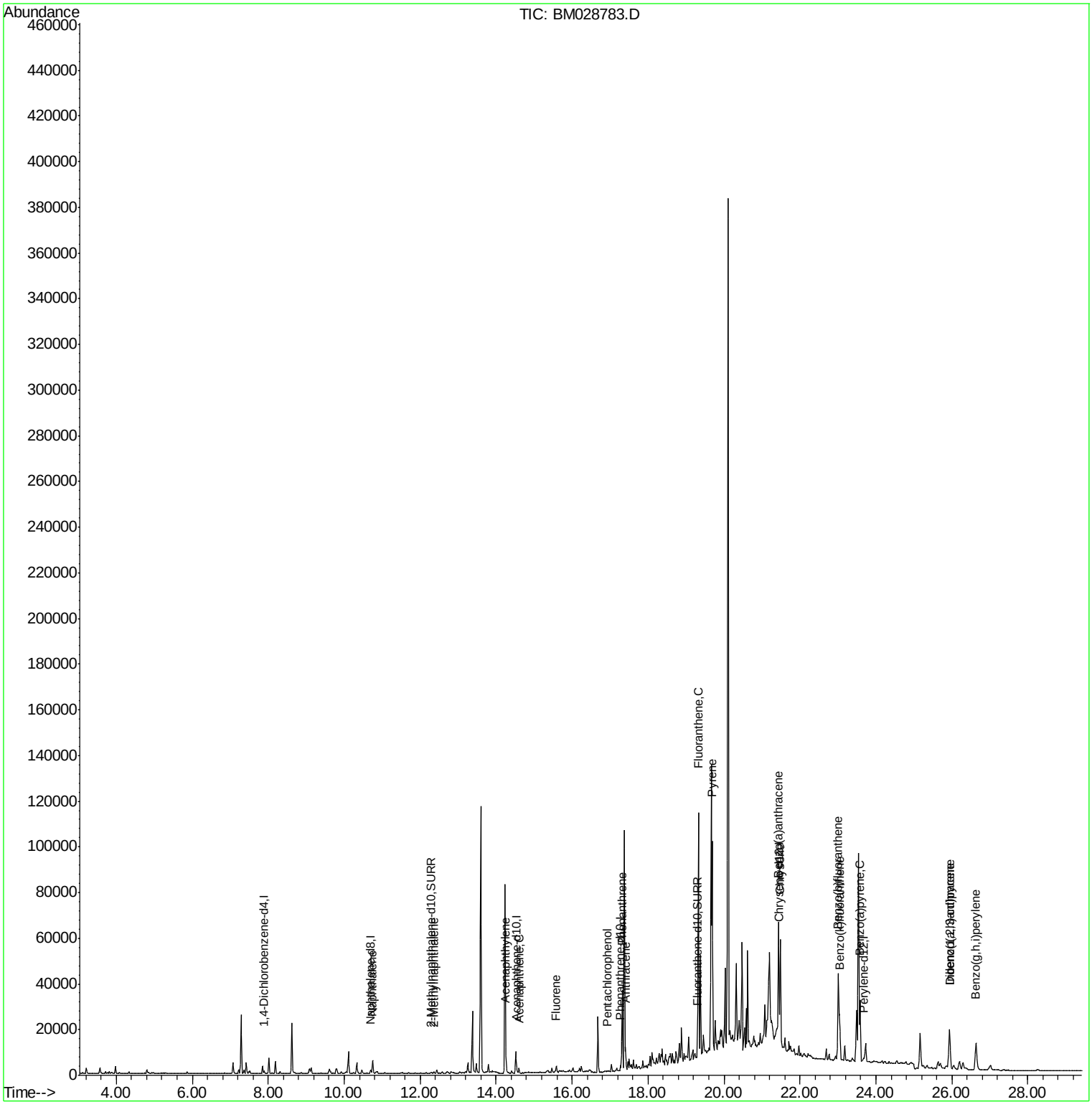
Quantitation Report (QT Reviewed)

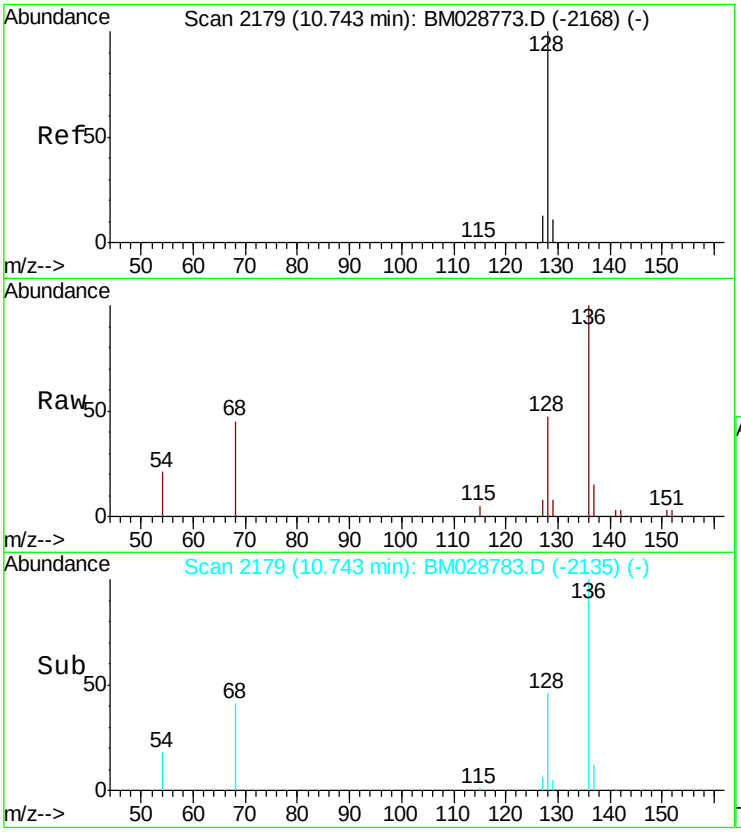
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028783.D
Acq On : 17 Feb 2021 21:54
Operator : CG/JU
Sample : M1379-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 18 05:13:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM





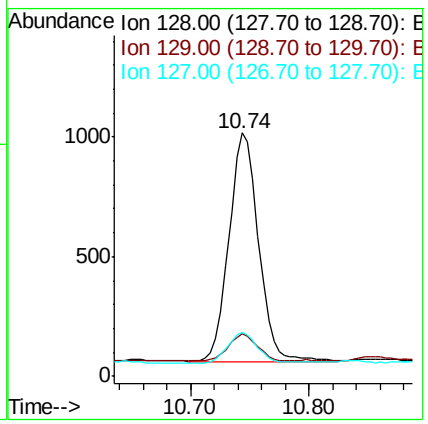
#3
Naphthalene
Concen: 0.285 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

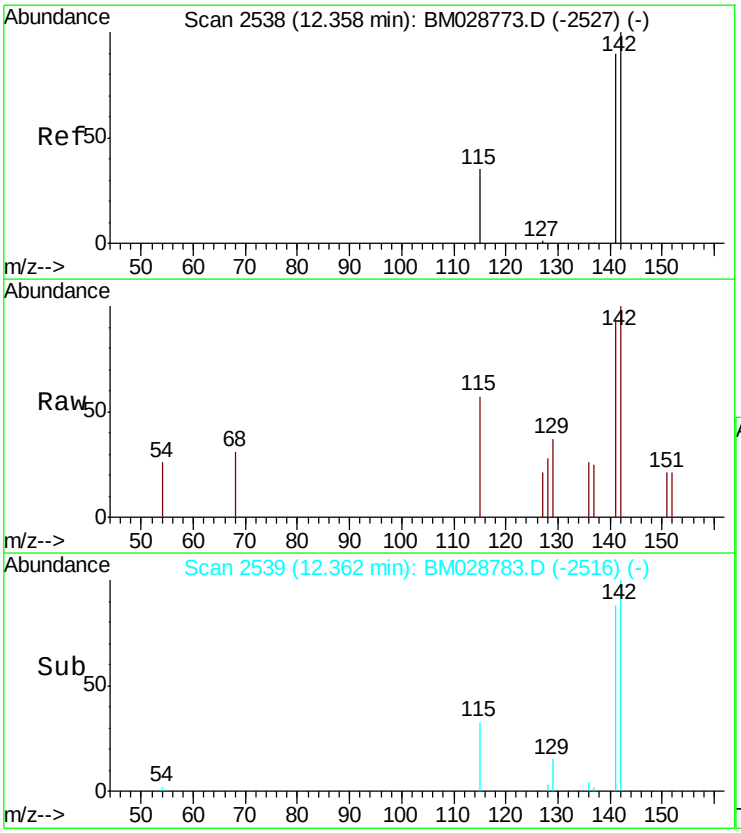
Tgt Ion:128 Resp: 1660

Ion	Ratio	Lower	Upper
128	100		
129	17.4	11.4	17.2#
127	18.0	13.0	19.6

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

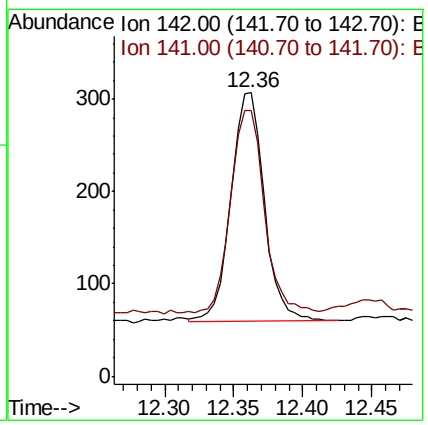


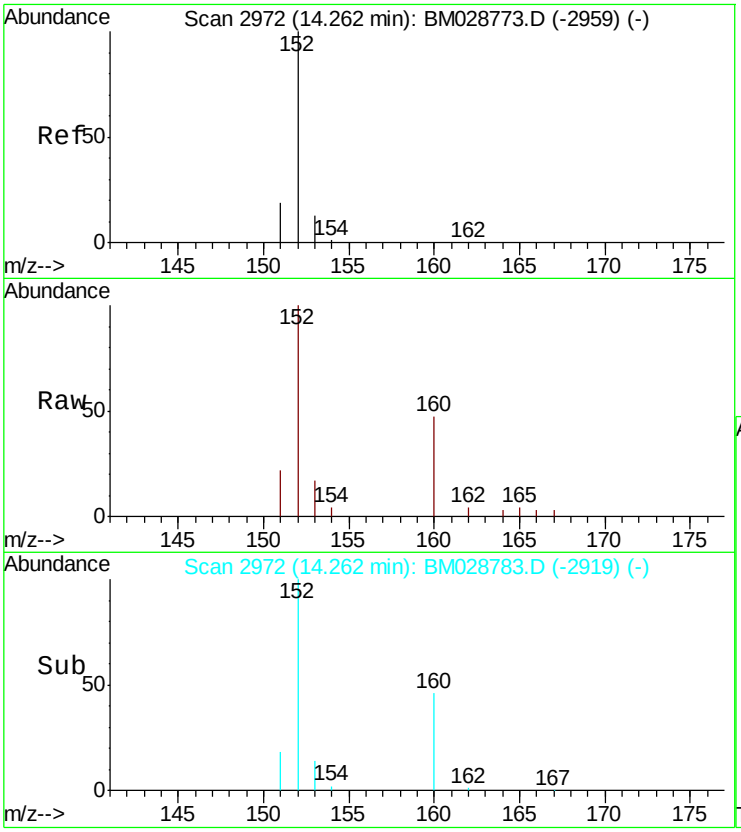


#5
2-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.36 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:142 Resp: 413

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.4

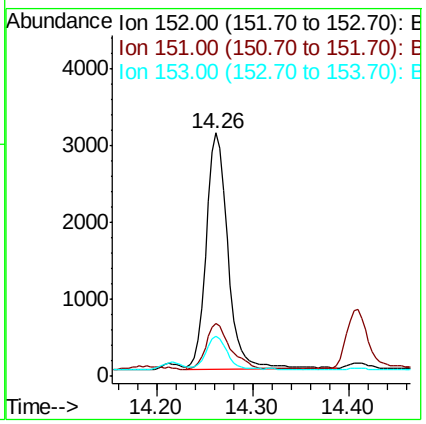




#7
Acenaphthylene
Concen: 0.717 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

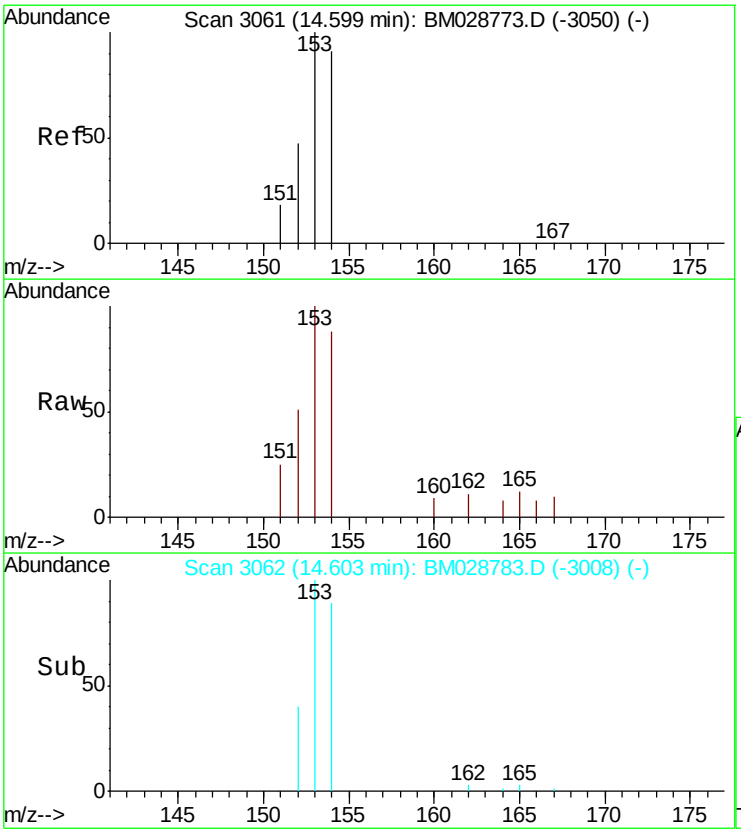
Tgt Ion:152 Resp: 4862

Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.0	27.0
153	16.6	13.4	20.0



Instrument :
BNA_M
ClientSampleId :
DBGZ1

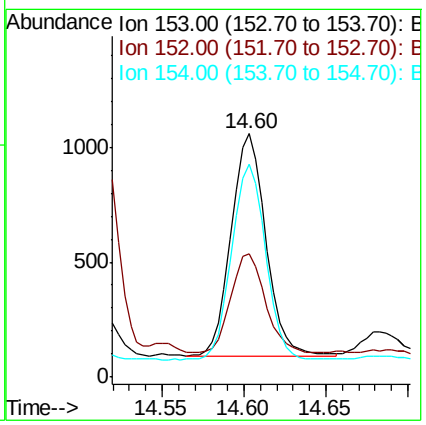
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

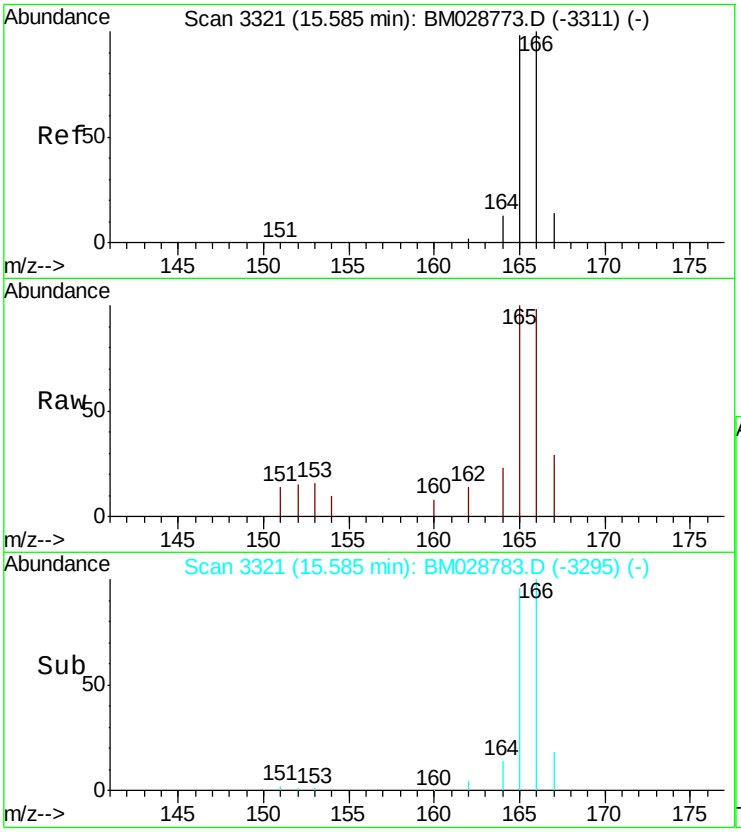


#8
Acenaphthene
Concen: 0.264 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:153 Resp: 1418

Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.6	59.4
154	87.6	70.3	105.5





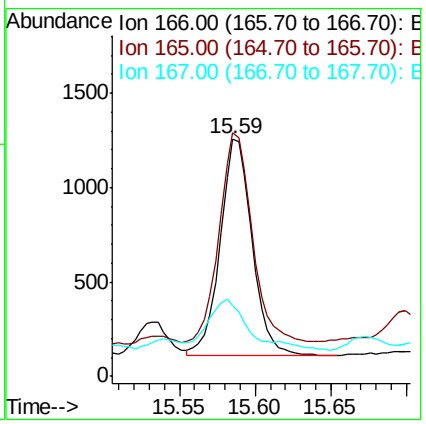
#9
Fluorene
Concen: 0.283 ng/ul
RT: 15.59 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

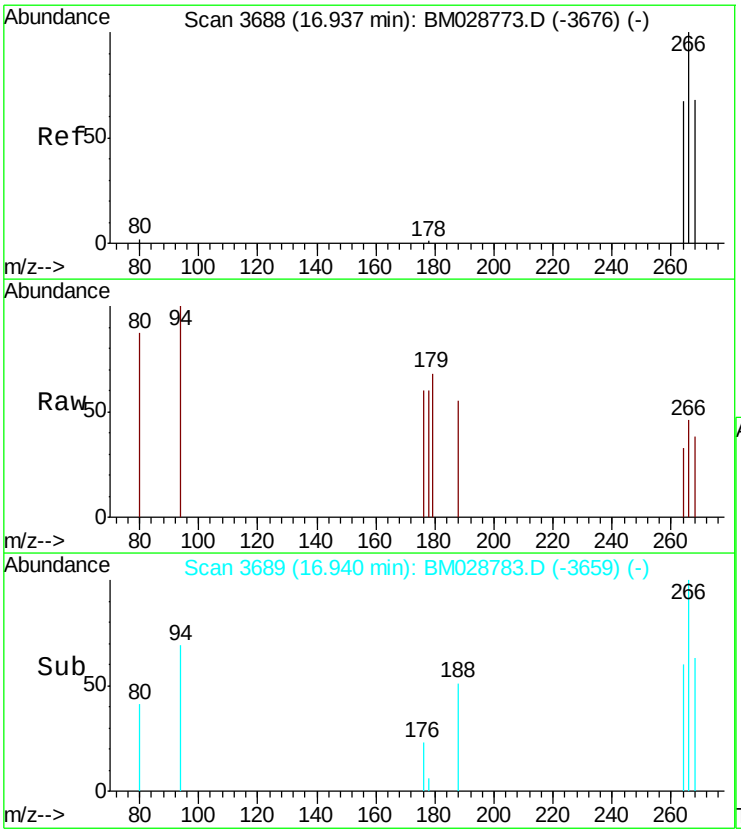
Tgt Ion:166 Resp: 1691

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.6	119.4
167	30.0	13.9	20.9#

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

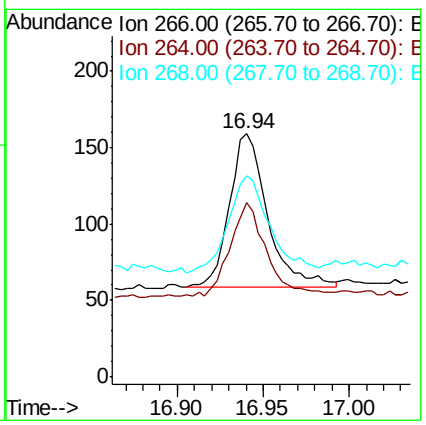


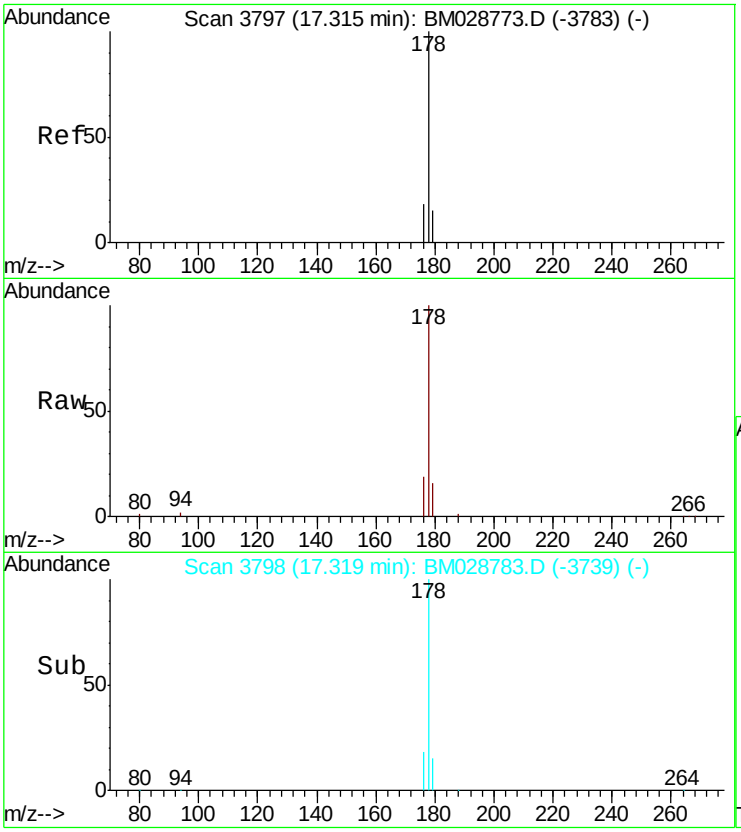


#11
Pentachlorophenol
Concen: 0.218 ng/ul
RT: 16.94 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:266 Resp: 154

Ion	Ratio	Lower	Upper
266	100		
264	58.4	51.0	76.4
268	69.5	53.0	79.4

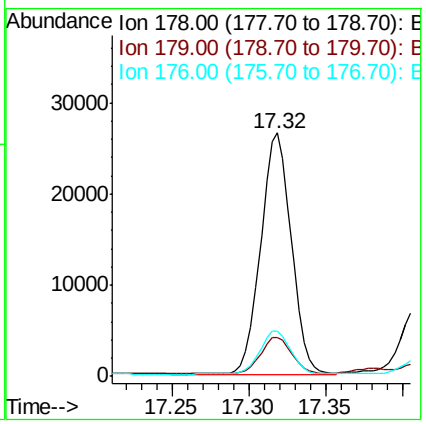




#12
Phenanthrene
Concen: 4.837 ng/ul
RT: 17.32 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

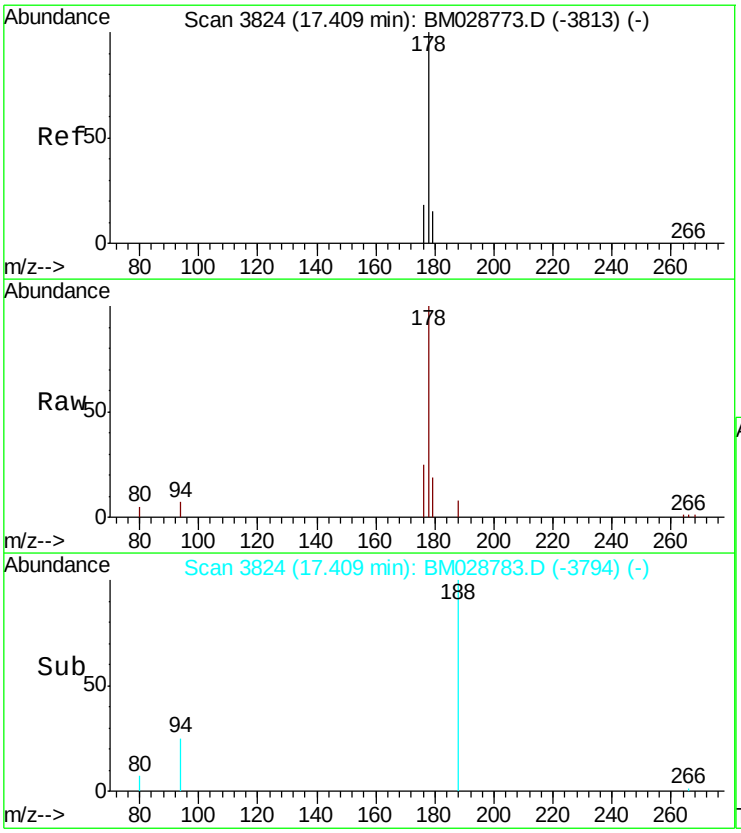
Tgt Ion:178 Resp: 36491

Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.7	22.1
176	18.7	16.7	25.1



Instrument :
BNA_M
ClientSampleId :
DBGZ1

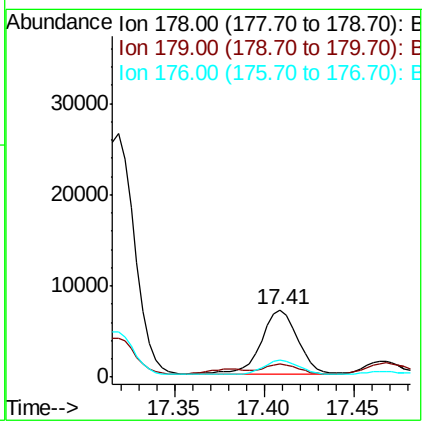
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

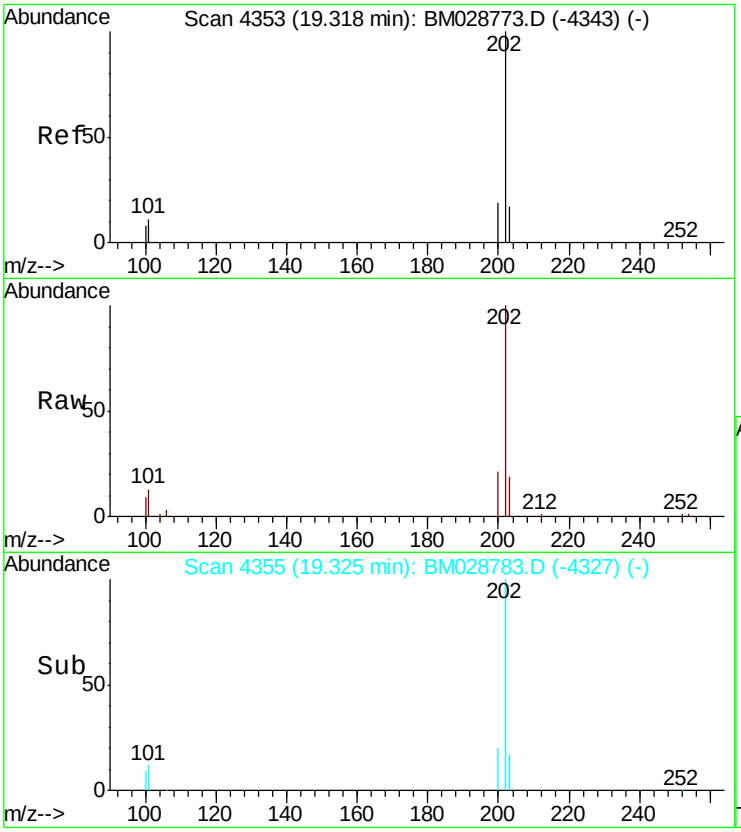


#13
Anthracene
Concen: 1.370 ng/ul
RT: 17.41 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:178 Resp: 9857

Ion	Ratio	Lower	Upper
178	100		
179	19.3	15.0	22.4
176	24.8	16.6	24.8

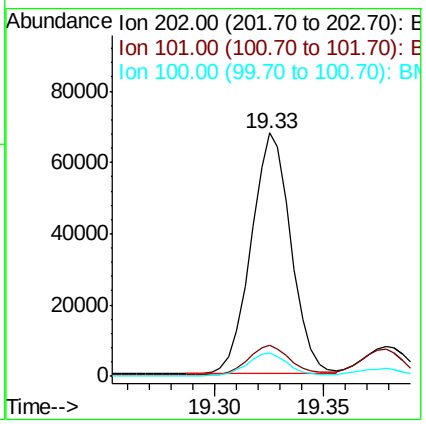




#15
Fluoranthene
Concen: 10.064 ng/ul
RT: 19.33 min Scan# 4355
Delta R.T. 0.01 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

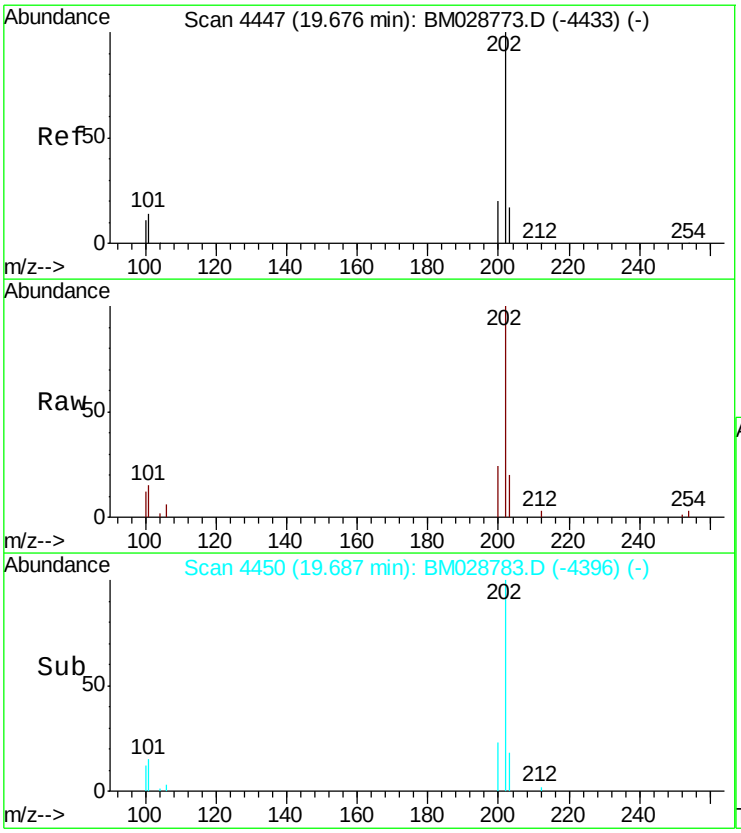
Tgt Ion:202 Resp: 86421

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.5
100	9.4	0.0	31.7



Instrument :
BNA_M
ClientSampleId :
DBGZ1

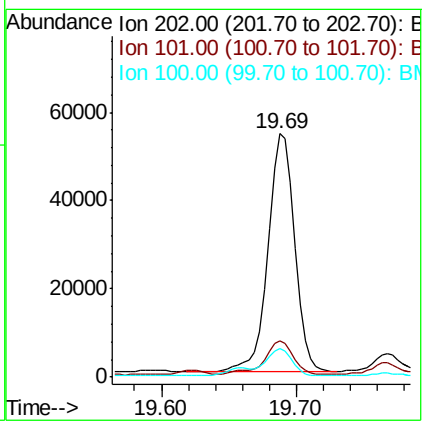
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

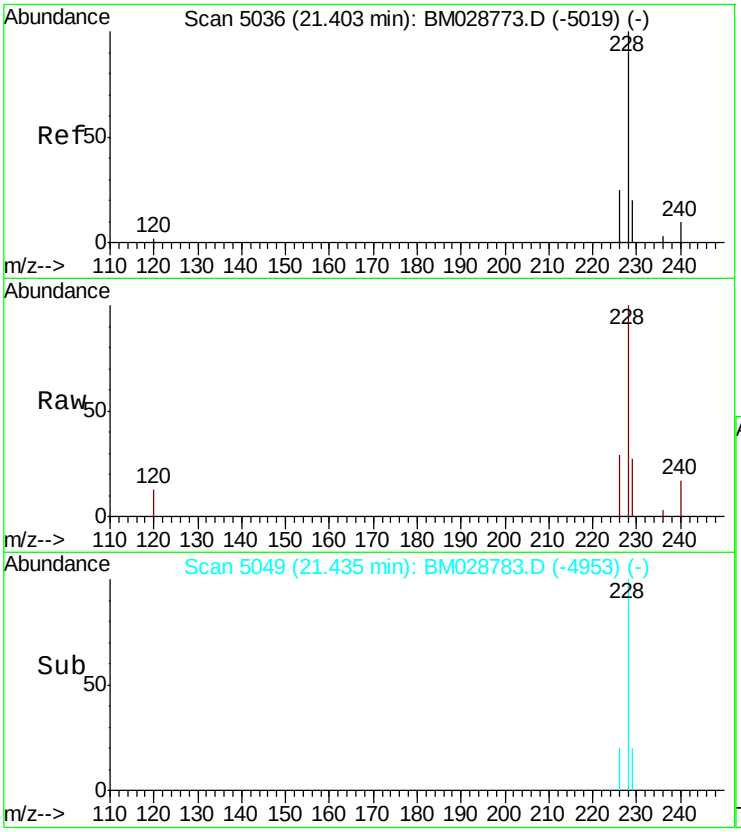


#17
Pyrene
Concen: 3.925 ng/ul
RT: 19.69 min Scan# 4450
Delta R.T. 0.01 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:202 Resp: 74806

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.7	19.1
100	11.8	10.2	15.4

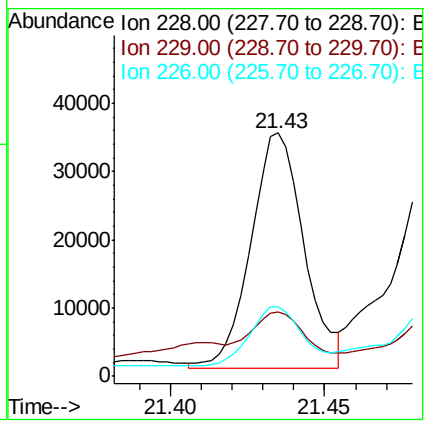




#18
Benzo(a)anthracene
Concen: 2.312 ng/ul
RT: 21.43 min Scan# 5049
Delta R.T. 0.03 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

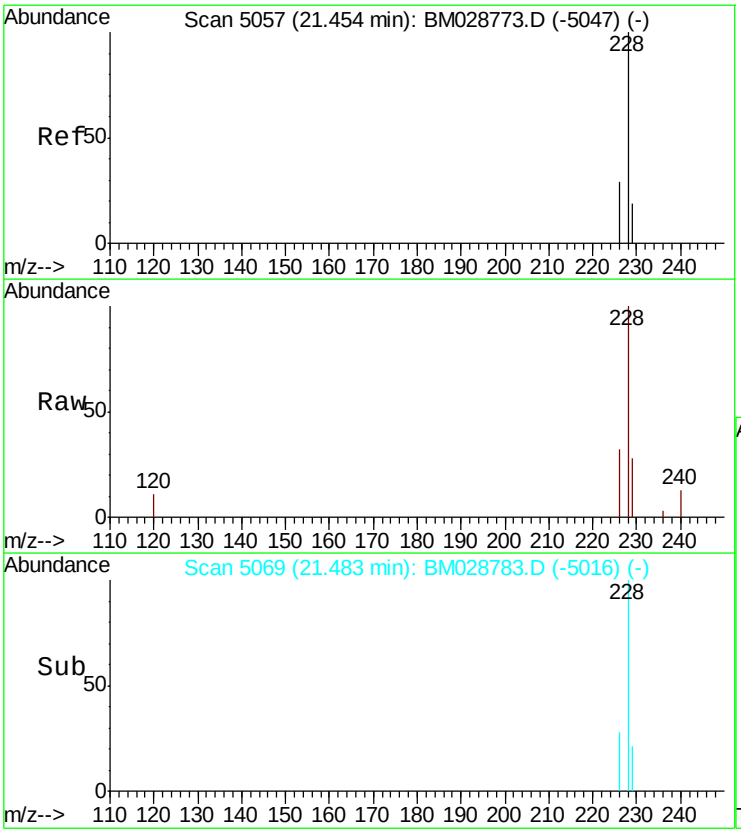
Tgt Ion:228 Resp: 41397

Ion	Ratio	Lower	Upper
228	100		
229	26.6	18.9	28.3
226	28.7	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
DBGZ1

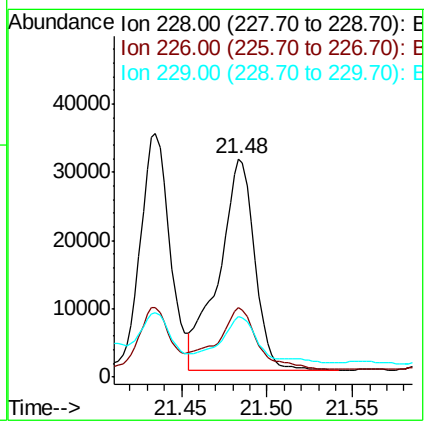
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

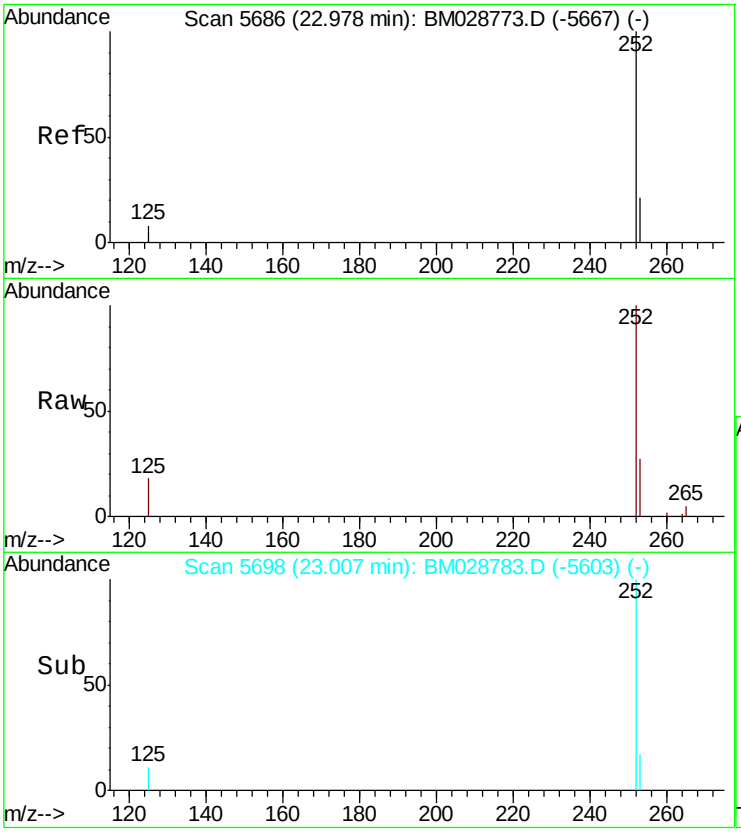


#19
Chrysene
Concen: 2.505 ng/ul
RT: 21.48 min Scan# 5069
Delta R.T. 0.03 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:228 Resp: 44575

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	27.5	18.8	28.2

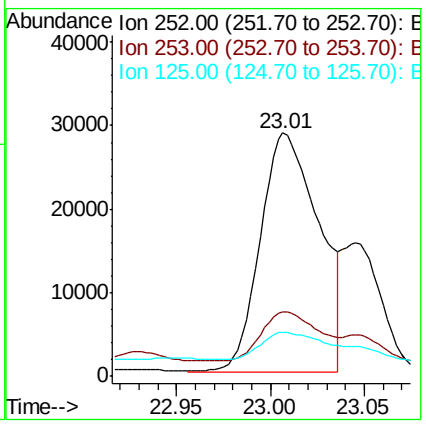




#21
Benzo(b)fluoranthene
Concen: 7.473 ng/ul m
RT: 23.01 min Scan# 5698
Delta R.T. 0.03 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

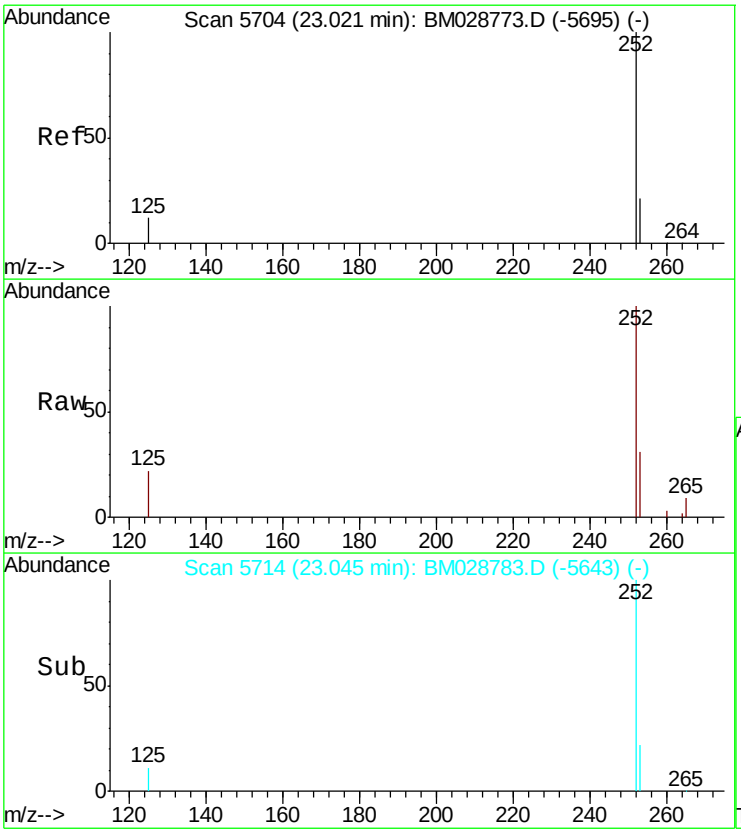
Tgt Ion:252 Resp: 62506

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	67.0
125	18.1	0.0	57.4



Instrument :
BNA_M
ClientSampleId :
DBGZ1

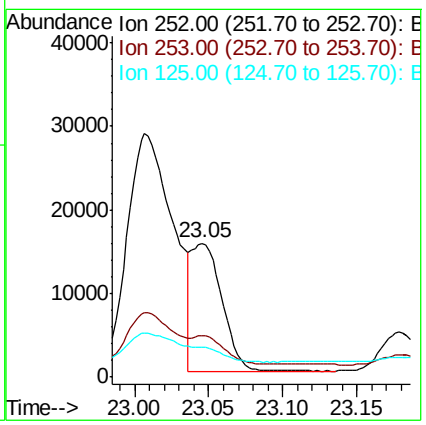
Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

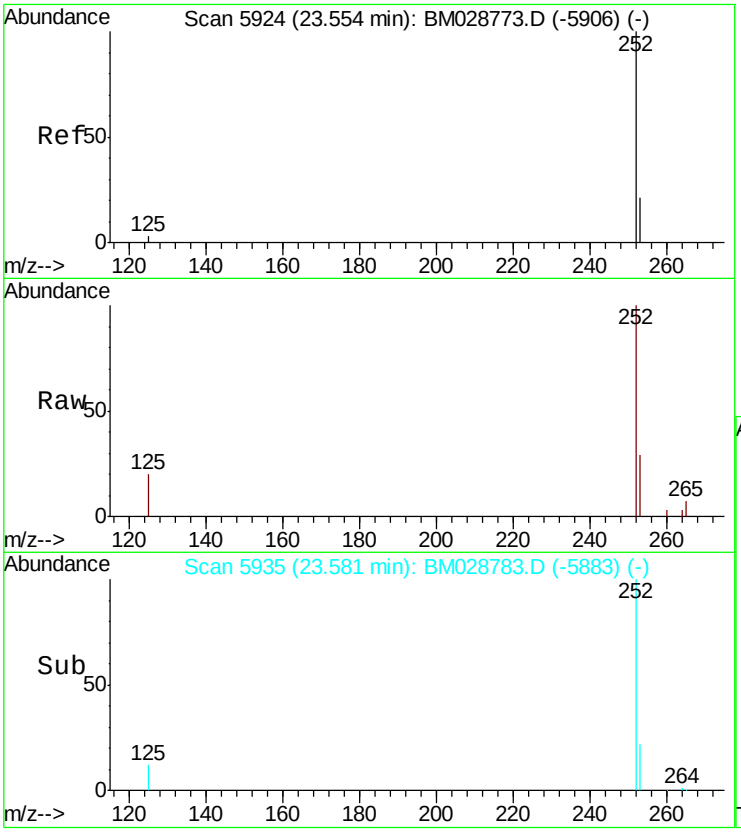


#22
Benzo(k)fluoranthene
Concen: 2.700 ng/ul m
RT: 23.05 min Scan# 5714
Delta R.T. 0.02 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:252 Resp: 22536

Ion	Ratio	Lower	Upper
252	100		
253	30.7	26.3	39.5
125	22.5	22.9	34.3#





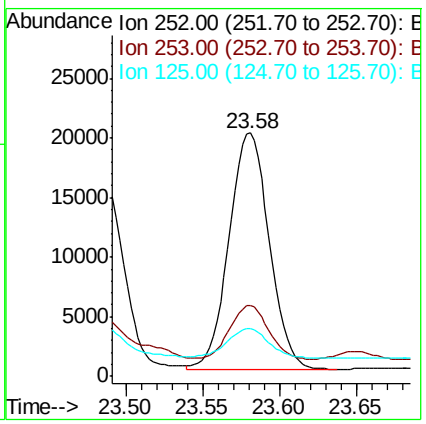
#23
Benzo(a)pyrene
Concen: 4.833 ng/ul
RT: 23.58 min Scan# 5935
Delta R.T. 0.03 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

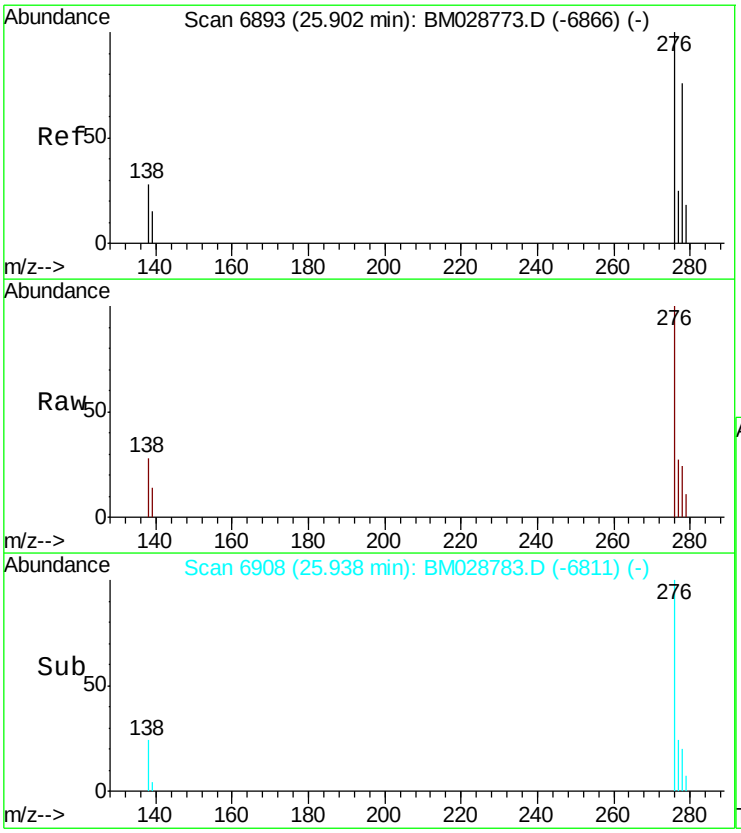
Tgt Ion:252 Resp: 36008

Ion	Ratio	Lower	Upper
252	100		
253	29.2	28.7	43.1
125	19.6	27.9	41.9#

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM

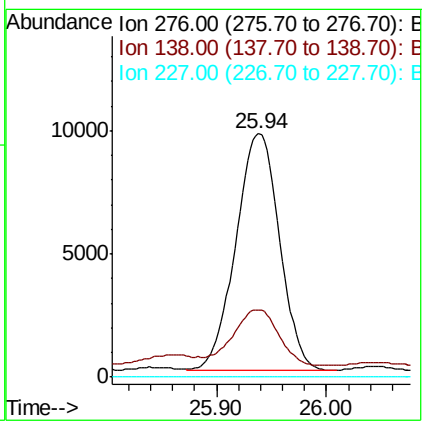


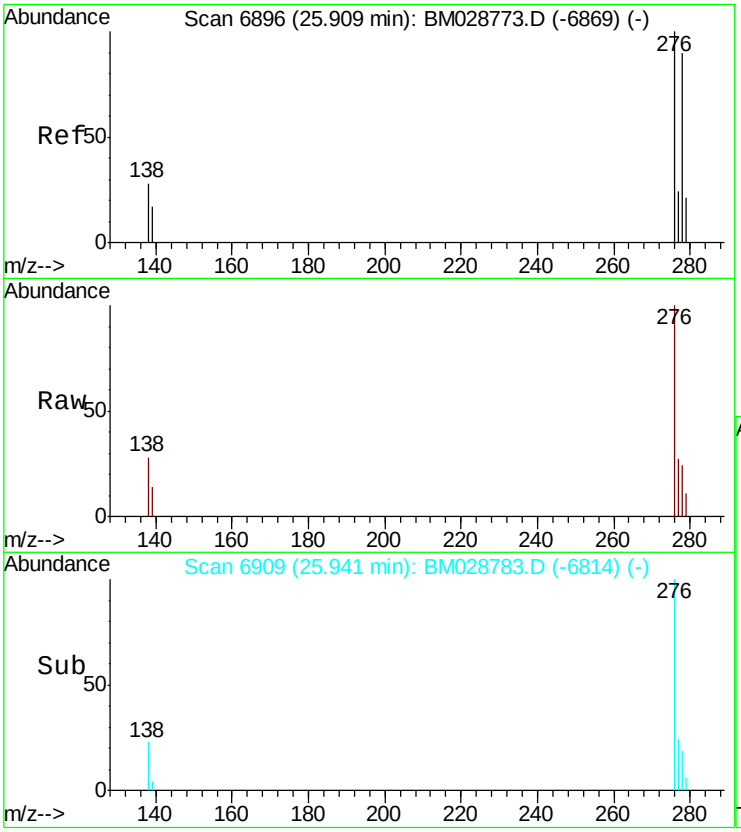


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.729 ng/ul
RT: 25.94 min Scan# 6908
Delta R.T. 0.03 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:276 Resp: 26476

Ion	Ratio	Lower	Upper
276	100		
138	24.3	0.0	0.0#
227	0.0	0.0	0.0





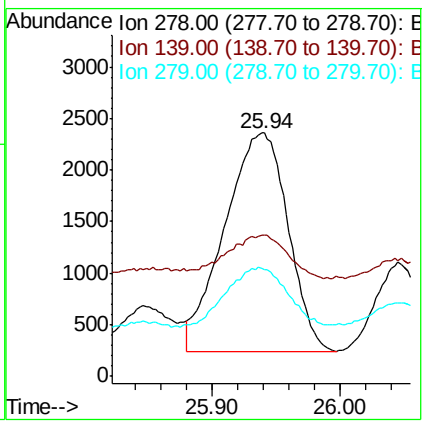
#25
Dibenzo(a,h)anthracene
Concen: 0.890 ng/ul
RT: 25.94 min Scan# 6909
Delta R.T. 0.03 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

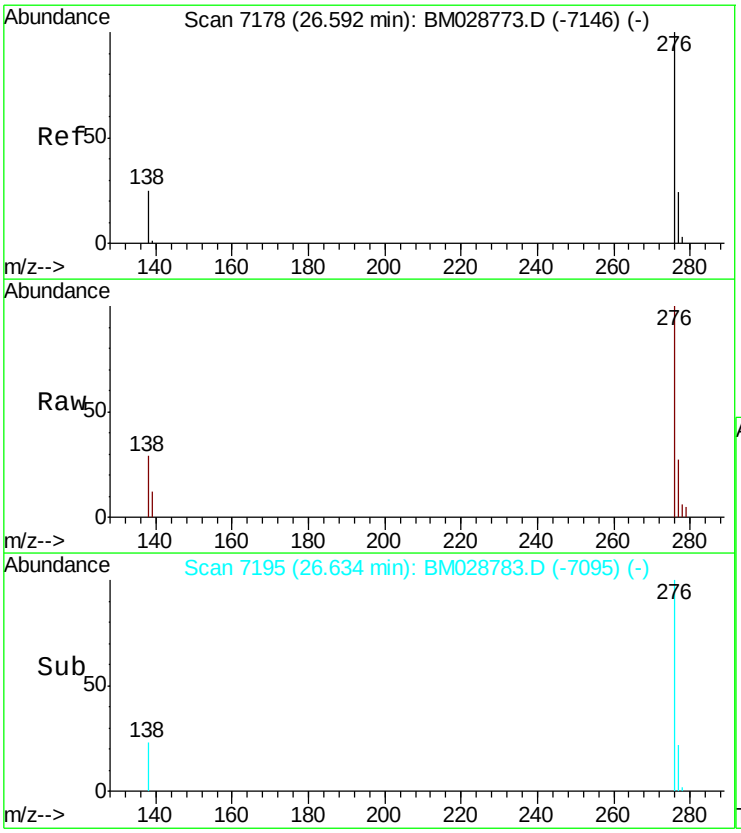
Tgt Ion:278 Resp: 7245

Ion	Ratio	Lower	Upper
278	100		
139	58.2	24.9	37.3#
279	44.0	28.3	42.5#

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:29 PM





#26
Benzo(g,h,i)perylene
Concen: 2.908 ng/ul
RT: 26.63 min Scan# 7195
Delta R.T. 0.04 min
Lab File: BM028783.D
Acq: 17 Feb 2021 21:54

Tgt Ion:276 Resp: 23483

Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.4	38.2
277	27.1	25.3	37.9