Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025213.D
Acq On : 03 Mar 2020 15:32
Operator : CG/JU
Sample : L1507-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD02

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

Quant Time: Mar 03 16:08:59 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 : Tue Mar 03 14:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2648	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	10451	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7522	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18295	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	20527	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	18834	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3627	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	11886	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	2786	0.089	ng/ul#	87
5) 2-Methylnaphthalene	12.12	142	1773	0.077	ng/ul	99
7) Acenaphthylene	14.02	152	3558	0.101	ng/ul	98
9) Fluorene	15.36	166	1828	0.053	ng/ul	97
12) Phenanthrene	17.09	178	14552	0.247	ng/ul	97
13) Anthracene	17.18	178	6320	0.121	ng/ul	99
15) Fluoranthene	19.11	202	59899	0.811	ng/ul	94
17) Pyrene	19.47	202	124194	1.595	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	86126	1.141	ng/ul	100
19) Chrysene	21.27	228	67034m	0.809	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	159441m	2.116	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	69165m	0.875	ng/ul	
23) Benzo(a)pyrene	23.34	252	75393	1.192	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.62	276	36893	0.468	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.62	278	11269	0.172	ng/ul	98
26) Benzo(g,h,i)perylene	26.28	276	21765	0.325	ng/ul#	92

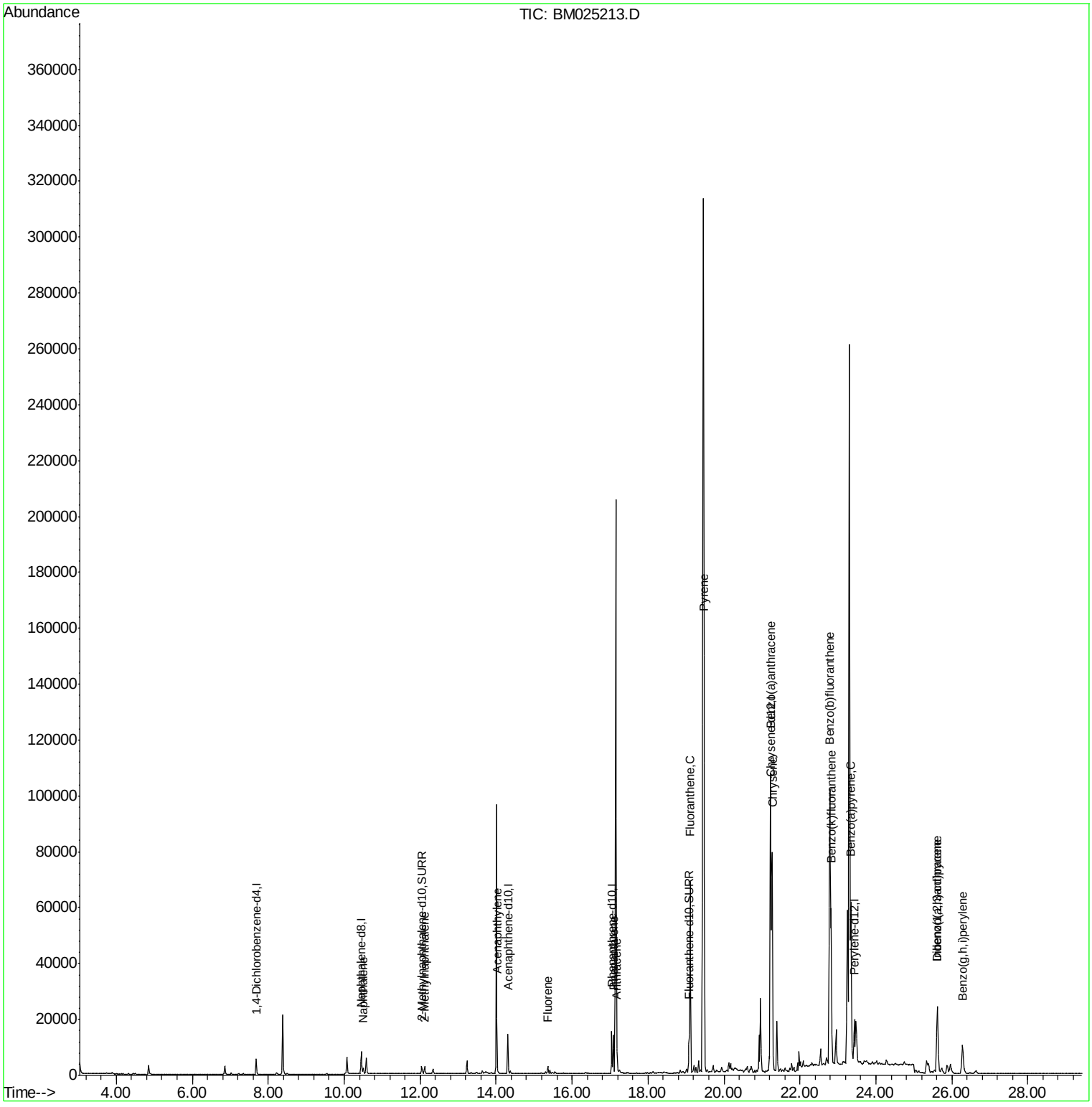
(#) = qualifier out of range (m) = manual integration (+) = signals summed

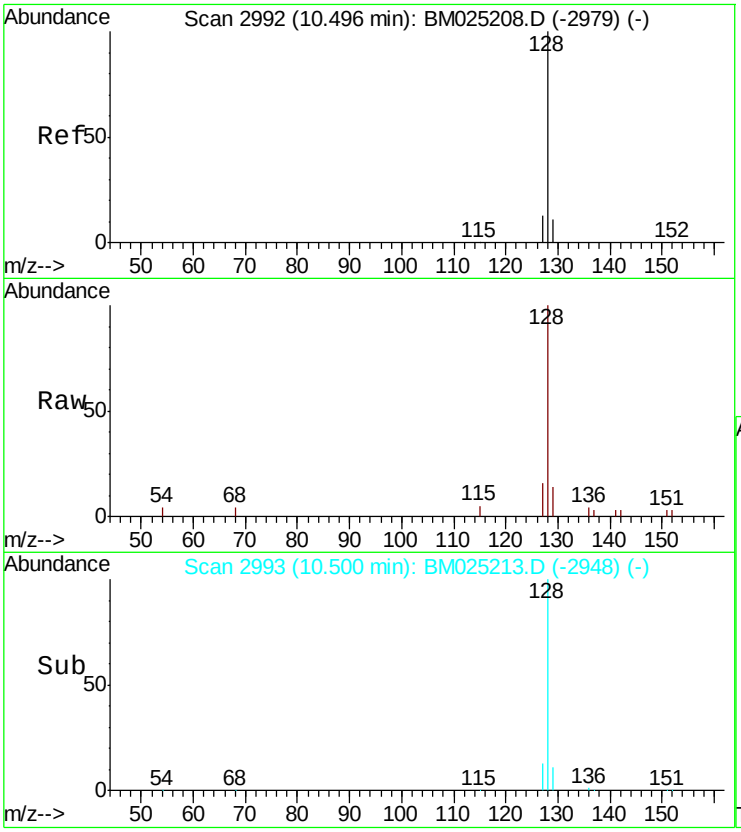
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025213.D
Acq On : 03 Mar 2020 15:32
Operator : CG/JU
Sample : L1507-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 03 16:08:59 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 : Tue Mar 03 14:30:08 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD02

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM





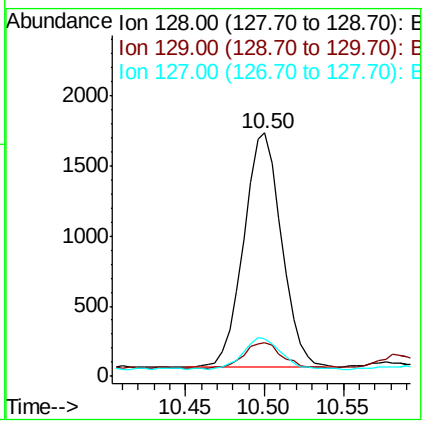
#3
Naphthalene
Concen: 0.089 ng/ul
RT: 10.50 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

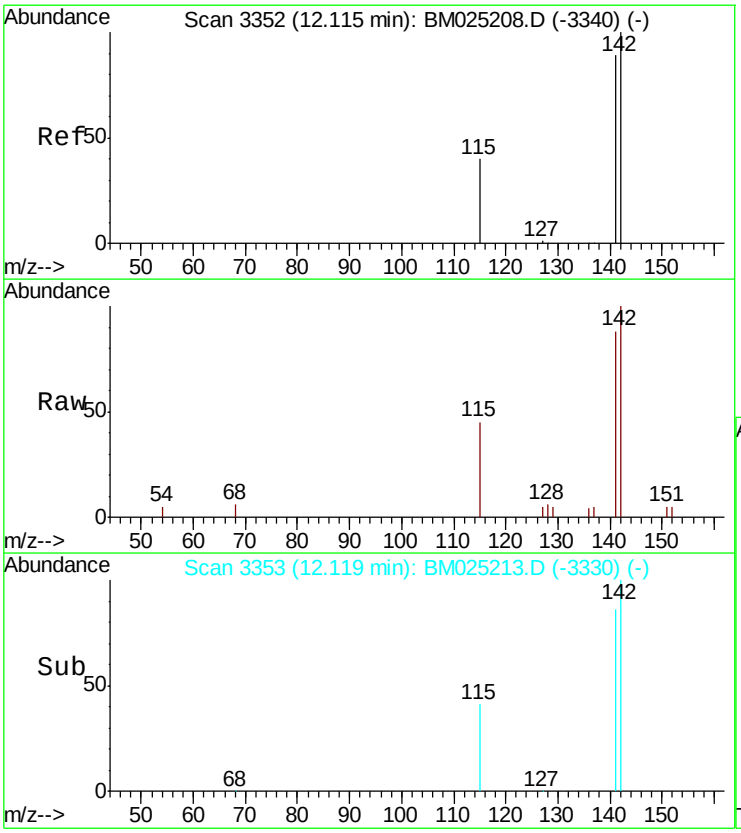
Tgt Ion:128 Resp: 2786

Ion	Ratio	Lower	Upper
128	100		
129	13.8	17.0	25.6#
127	15.6	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
DBD02

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

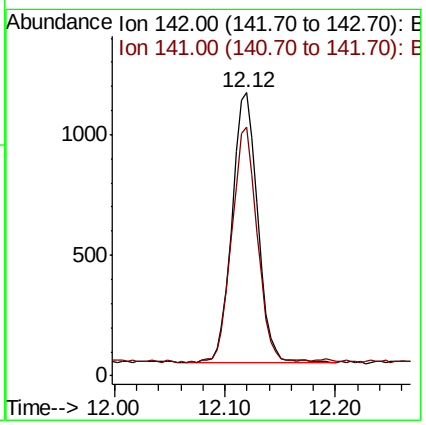


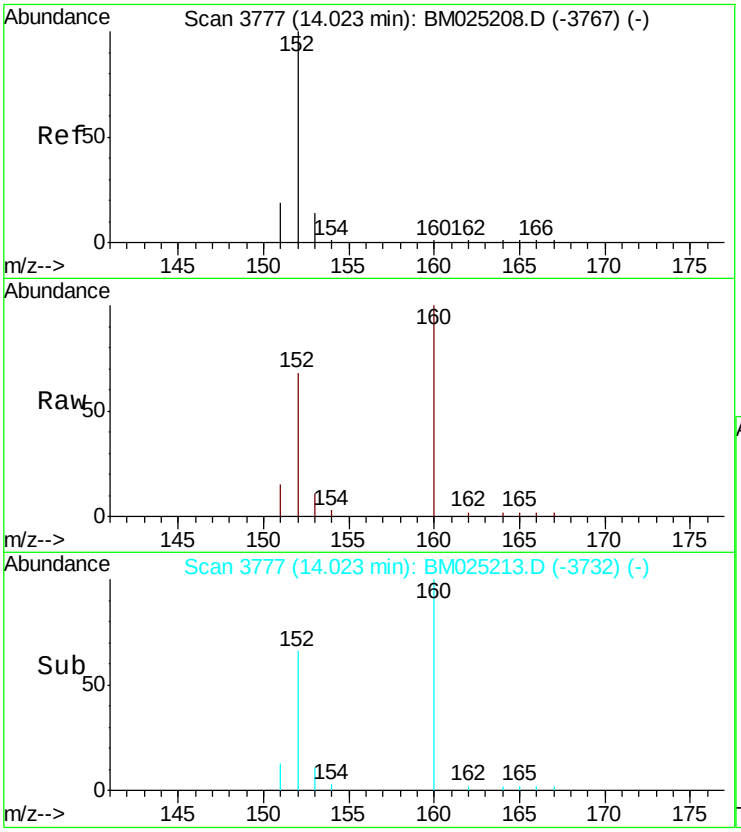


#5
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.12 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:142 Resp: 1773

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.8	104.8

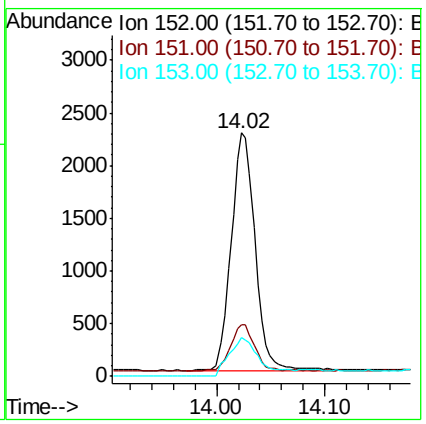




#7
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.02 min Scan# 3777
Delta R.T. -0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

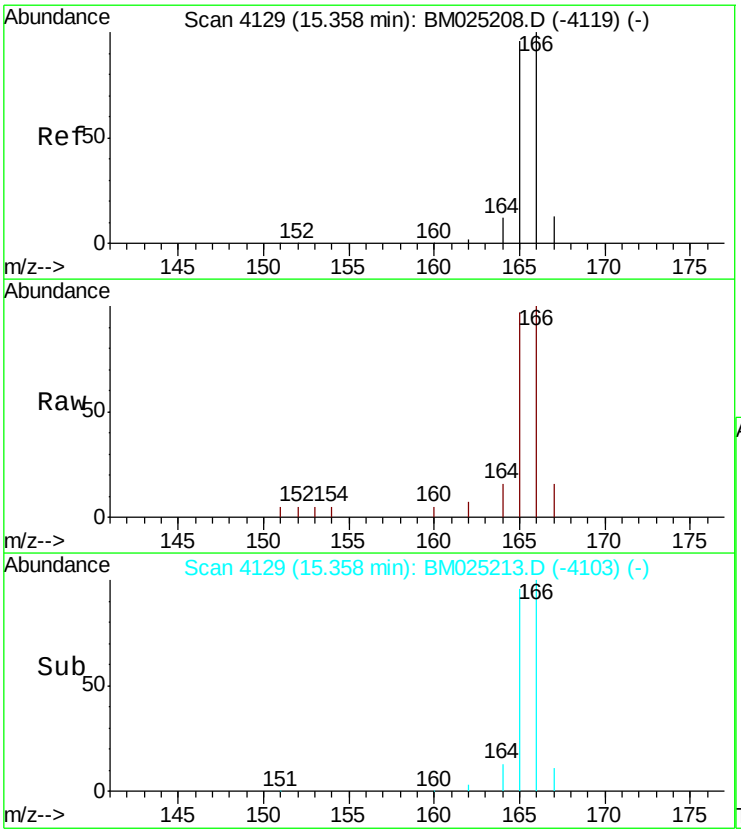
Tgt Ion:152 Resp: 3558

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.8	26.8
153	15.9	13.3	19.9



Instrument :
BNA_M
ClientSampleId :
DBD02

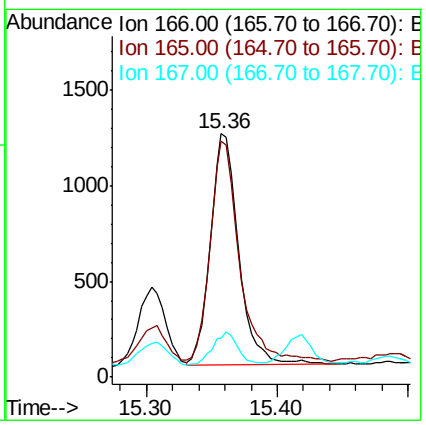
Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

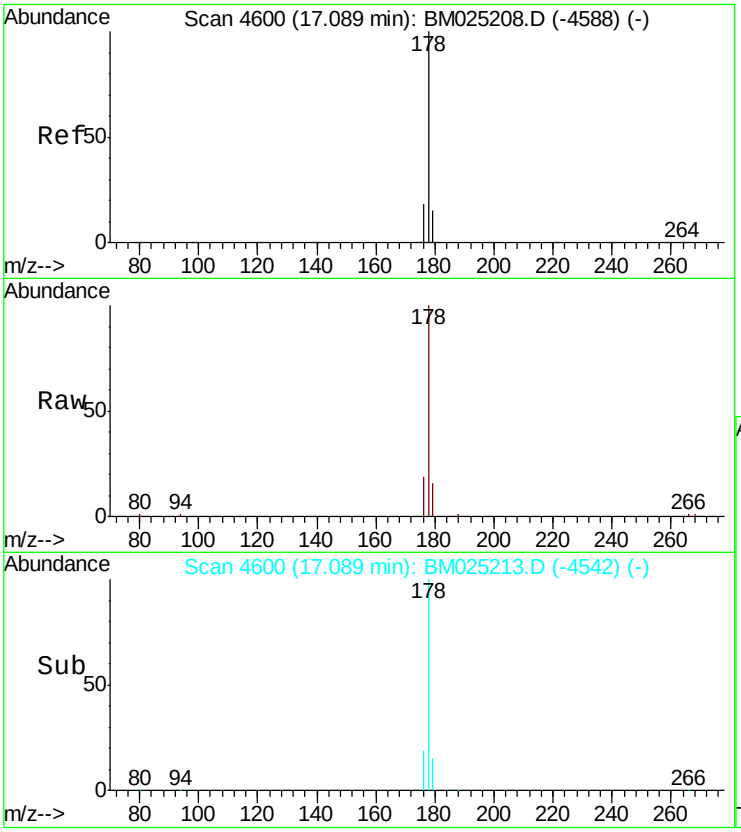


#9
Fluorene
Concen: 0.053 ng/ul
RT: 15.36 min Scan# 4129
Delta R.T. -0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:166 Resp: 1828

Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	16.0	13.7	20.5

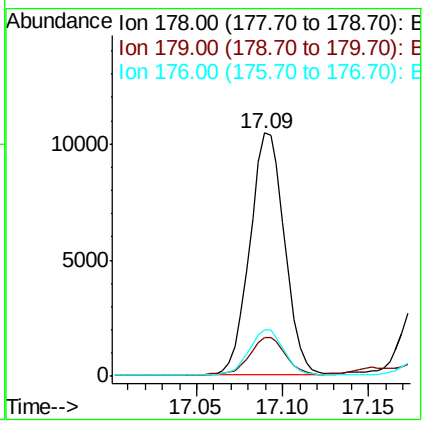




#12
Phenanthrene
Concen: 0.247 ng/ul
RT: 17.09 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

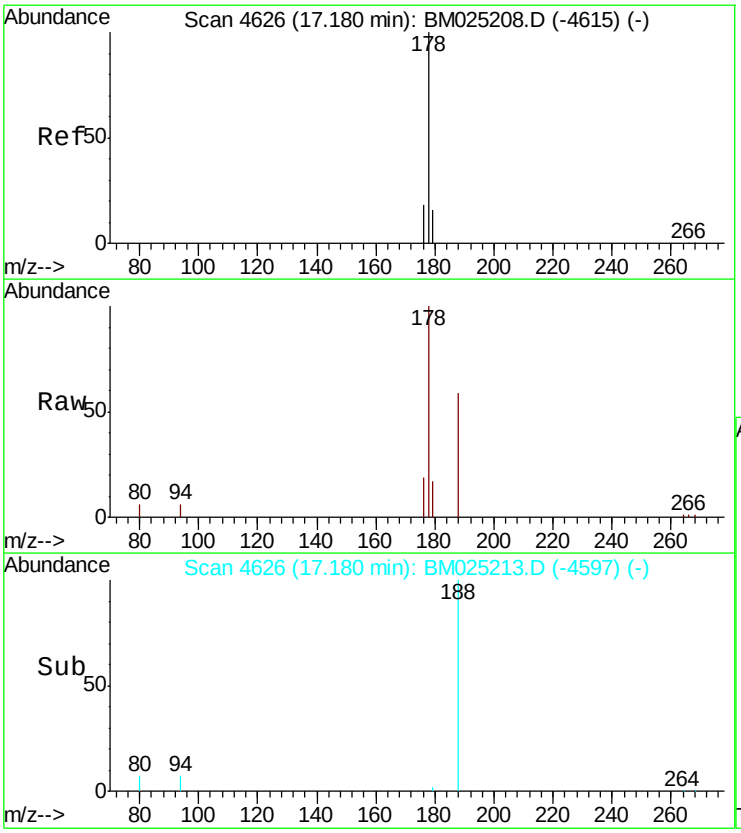
Tgt Ion:178 Resp: 14552

Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.0	21.0
176	19.2	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBD02

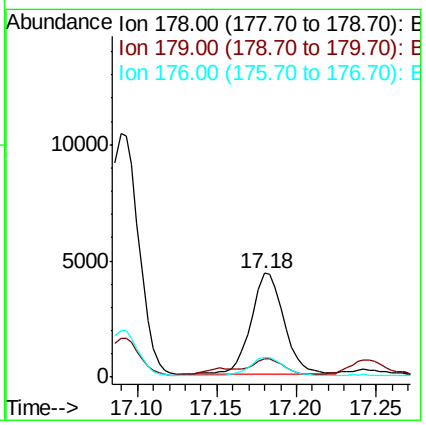
Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

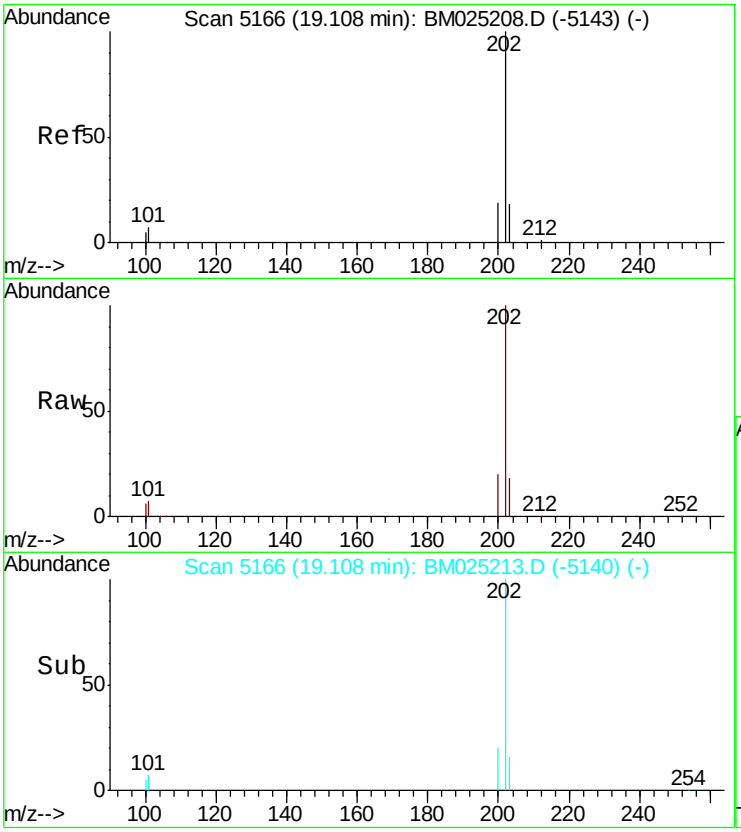


#13
Anthracene
Concen: 0.121 ng/ul
RT: 17.18 min Scan# 4626
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:178 Resp: 6320

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.1	21.1
176	19.5	16.2	24.4

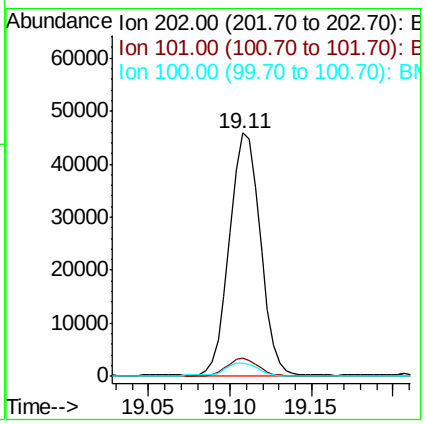




#15
Fluoranthene
Concen: 0.811 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

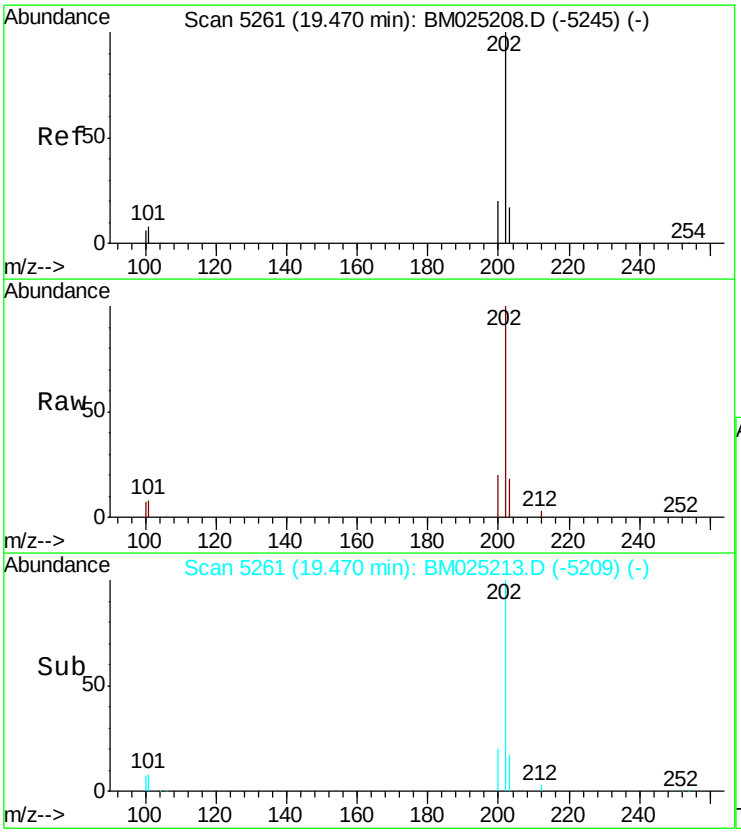
Tgt Ion:202 Resp: 59899

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.4
100	5.7	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBD02

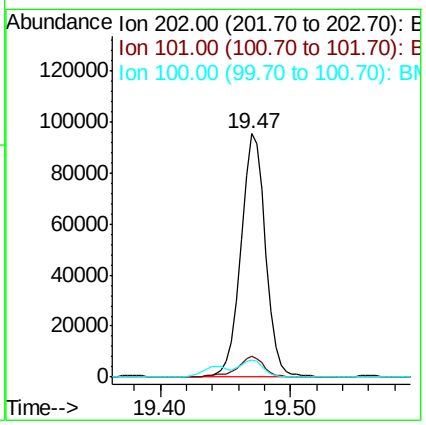
Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

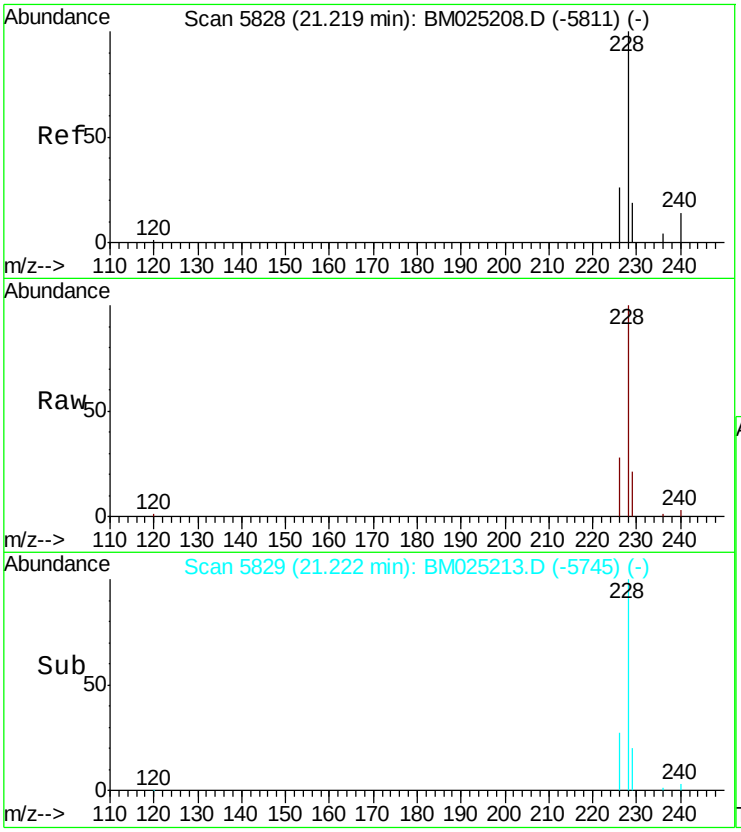


#17
Pyrene
Concen: 1.595 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:202 Resp: 124194

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.7	13.1#
100	7.0	7.3	10.9#

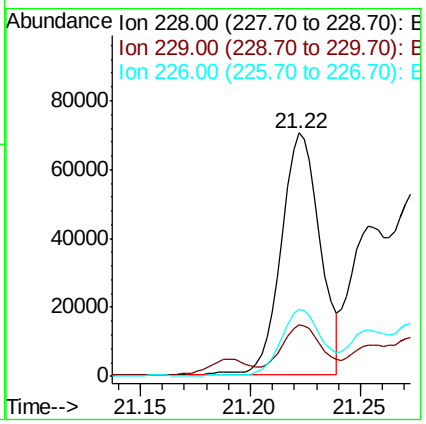




#18
Benzo(a)anthracene
Concen: 1.141 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

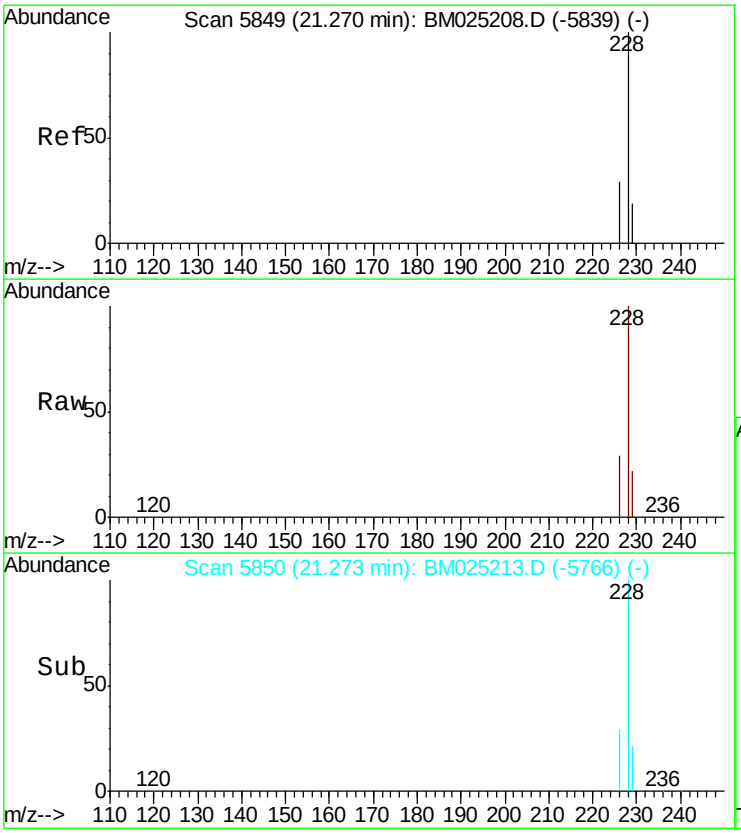
Tgt Ion:228 Resp: 86126

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	27.6	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
DBD02

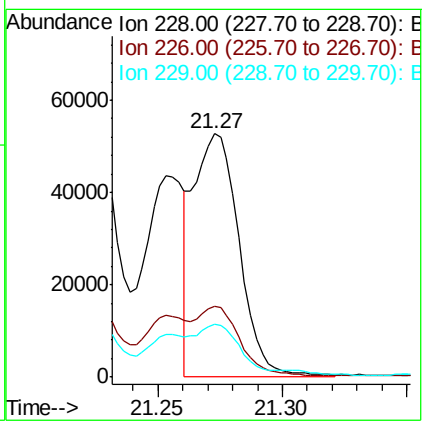
Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

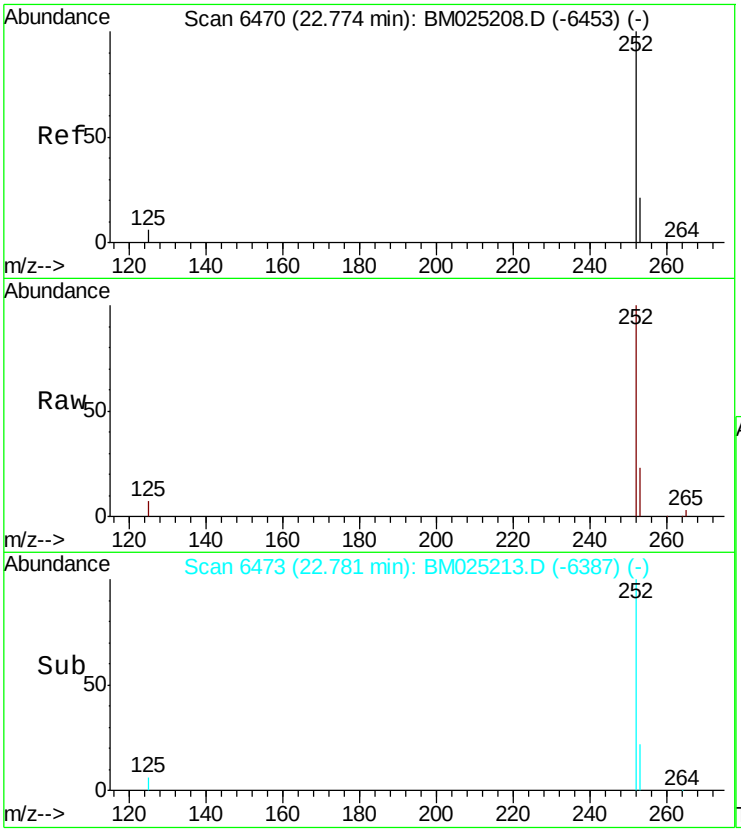


#19
Chrysene
Concen: 0.809 ng/ul m
RT: 21.27 min Scan# 5850
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:228 Resp: 67034

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	21.6	16.9	25.3

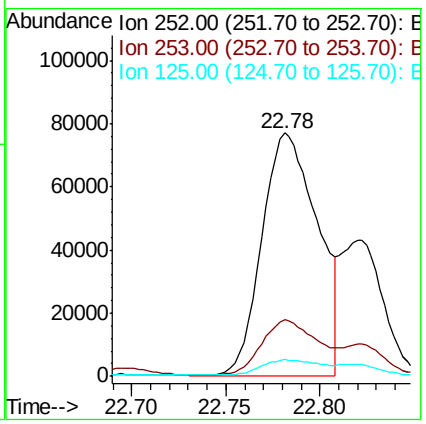




#21
Benzo(b)fluoranthene
Concen: 2.116 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. 0.01 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

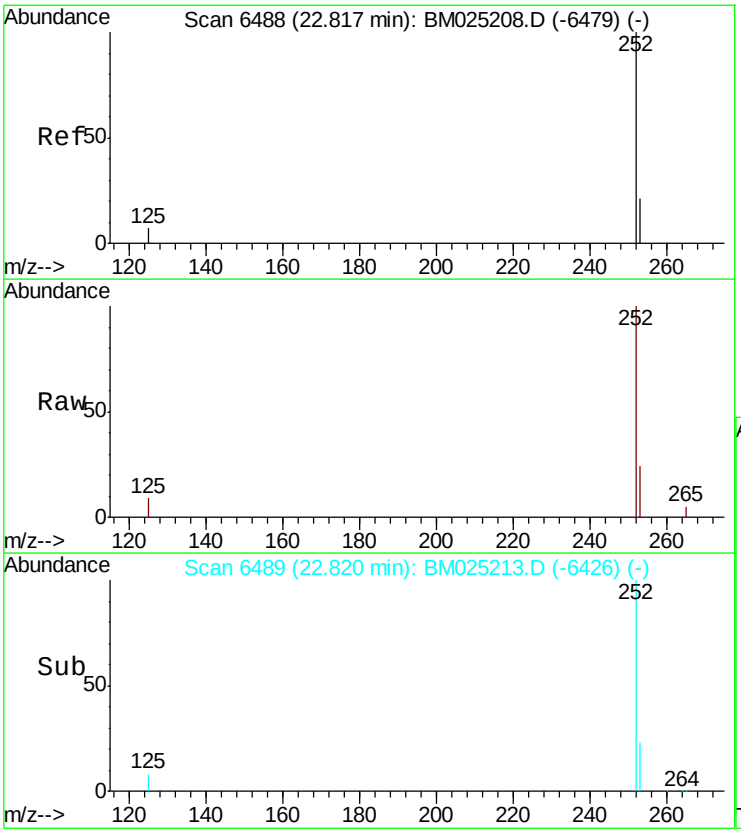
Tgt Ion:252 Resp: 159441

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	49.8
125	6.9	0.0	28.6



Instrument :
BNA_M
ClientSampleId :
DBD02

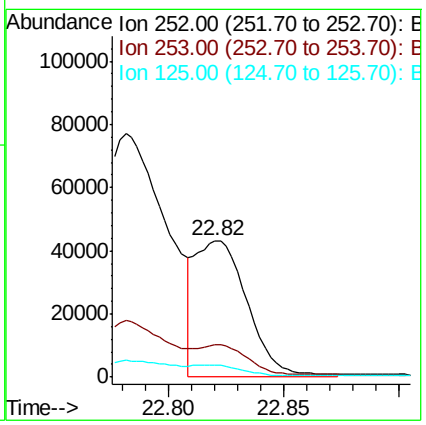
Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

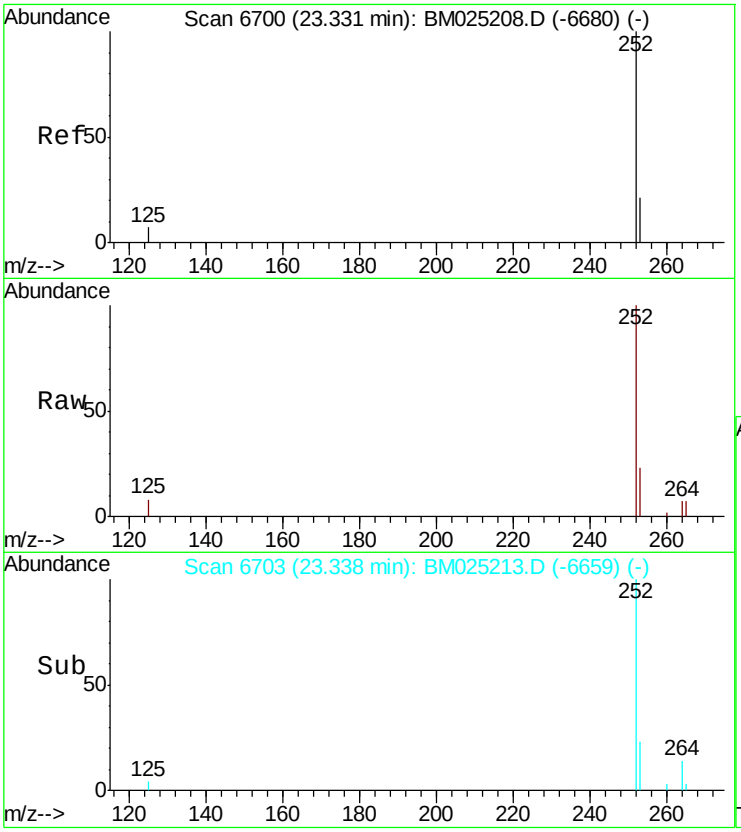


#22
Benzo(k)fluoranthene
Concen: 0.875 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:252 Resp: 69165

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.0
125	9.2	10.7	16.1#





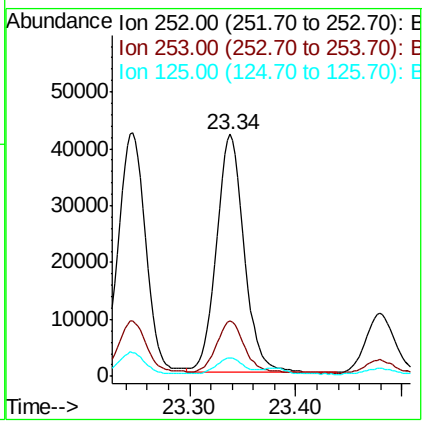
#23
Benzo(a)pyrene
Concen: 1.192 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. 0.01 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

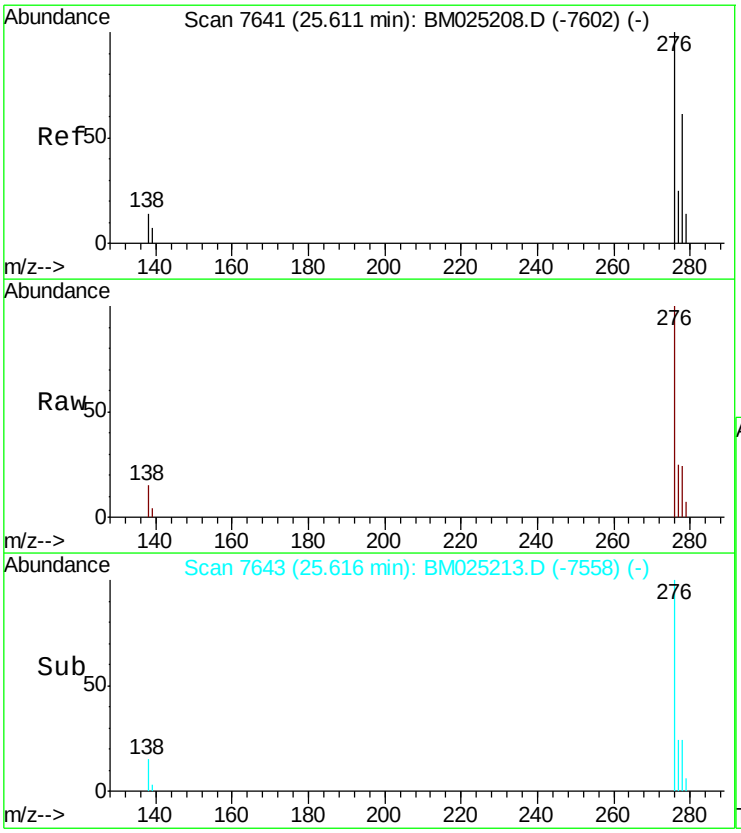
Tgt Ion:252 Resp: 75393

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	7.7	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
DBD02

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM

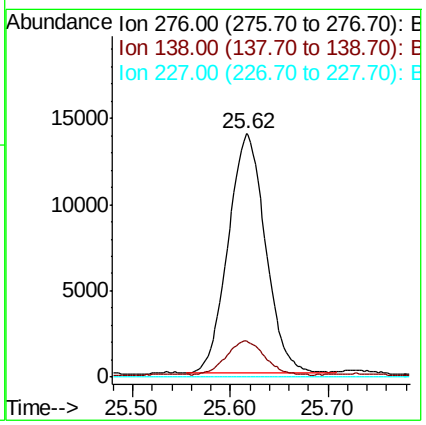


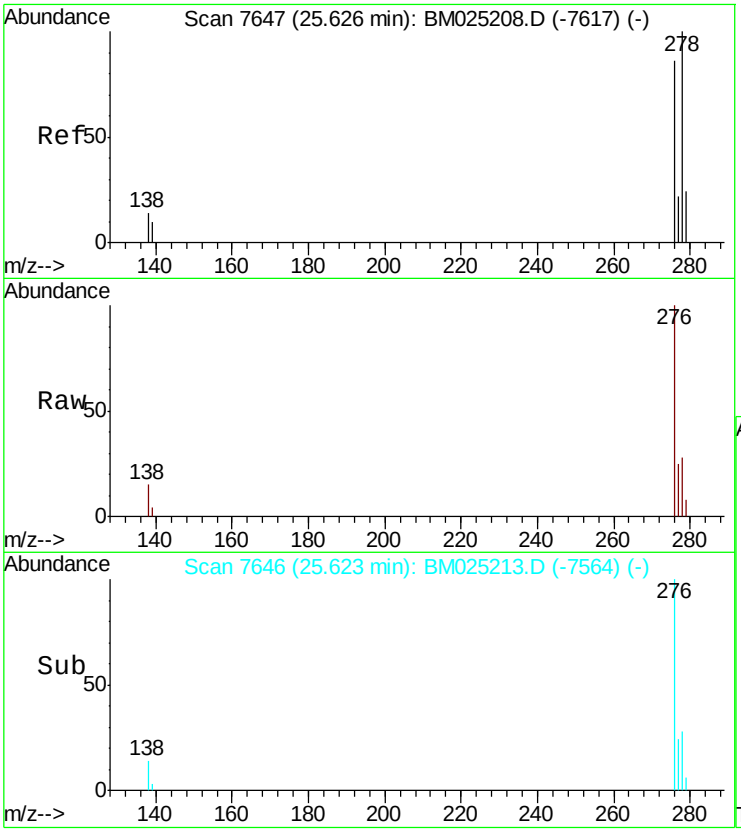


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng/ul
RT: 25.62 min Scan# 7643
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:276 Resp: 36893

Ion	Ratio	Lower	Upper
276	100		
138	14.7	0.0	0.0#
227	0.0	0.0	0.0

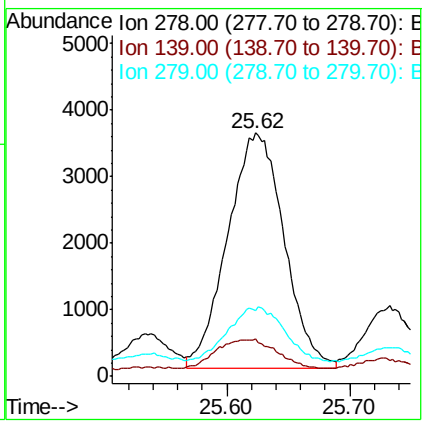




#25
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 25.62 min Scan# 7646
Delta R.T. -0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

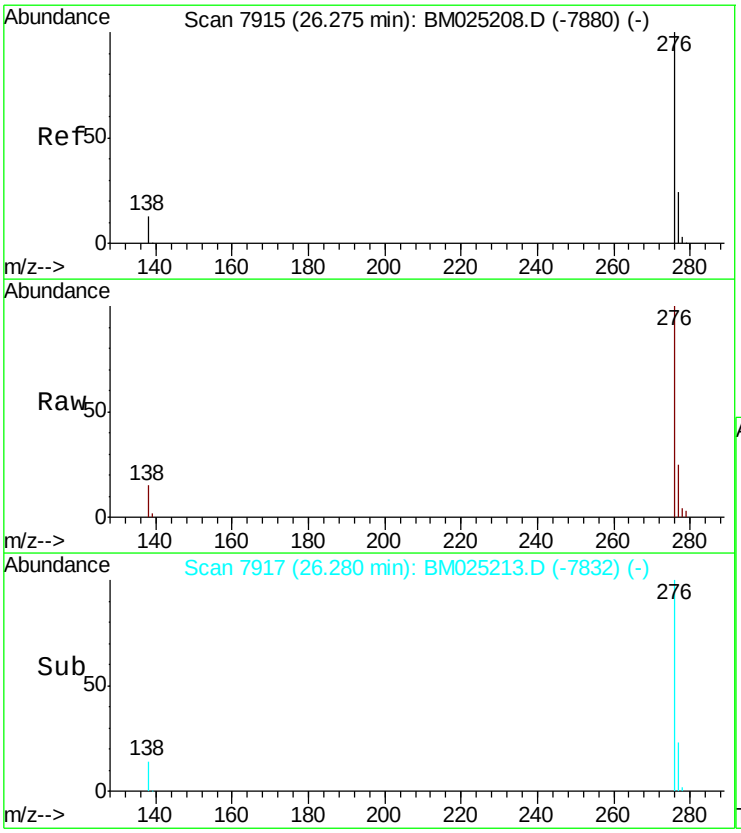
Tgt Ion:278 Resp: 11269

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.2	19.8
279	27.1	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
DBD02

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:44 AM



#26
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.28 min Scan# 7917
Delta R.T. 0.00 min
Lab File: BM025213.D
Acq: 03 Mar 2020 15:32

Tgt Ion:276 Resp: 21765

Ion	Ratio	Lower	Upper
276	100		
138	15.1	17.9	26.9#
277	24.7	20.5	30.7