Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025488.D
Acq On : 11 Mar 2020 13:14
Operator : CG/JU
Sample : L1677-11
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CC1

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

Quant Time: Mar 11 13:56:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3561	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25302m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17934	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17228	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8502	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20454	0.29	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1001	0.021	ng/ul#	76
12) Phenanthrene	17.07	178	4581	0.057	ng/ul#	95
15) Fluoranthene	19.09	202	16730	0.192	ng/ul	97
17) Pyrene	19.45	202	16044	0.199	ng/ul#	96
18) Benzo(a)anthracene	21.20	228	6758	0.105	ng/ul	95
19) Chrysene	21.26	228	7186	0.100	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	10264m	0.150	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	4238m	0.059	ng/ul	
23) Benzo(a)pyrene	23.31	252	6340	0.112	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.57	276	4345	0.057	ng/ul#	87
26) Benzo(g,h,i)perylene	26.23	276	4134	0.062	ng/ul#	89

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

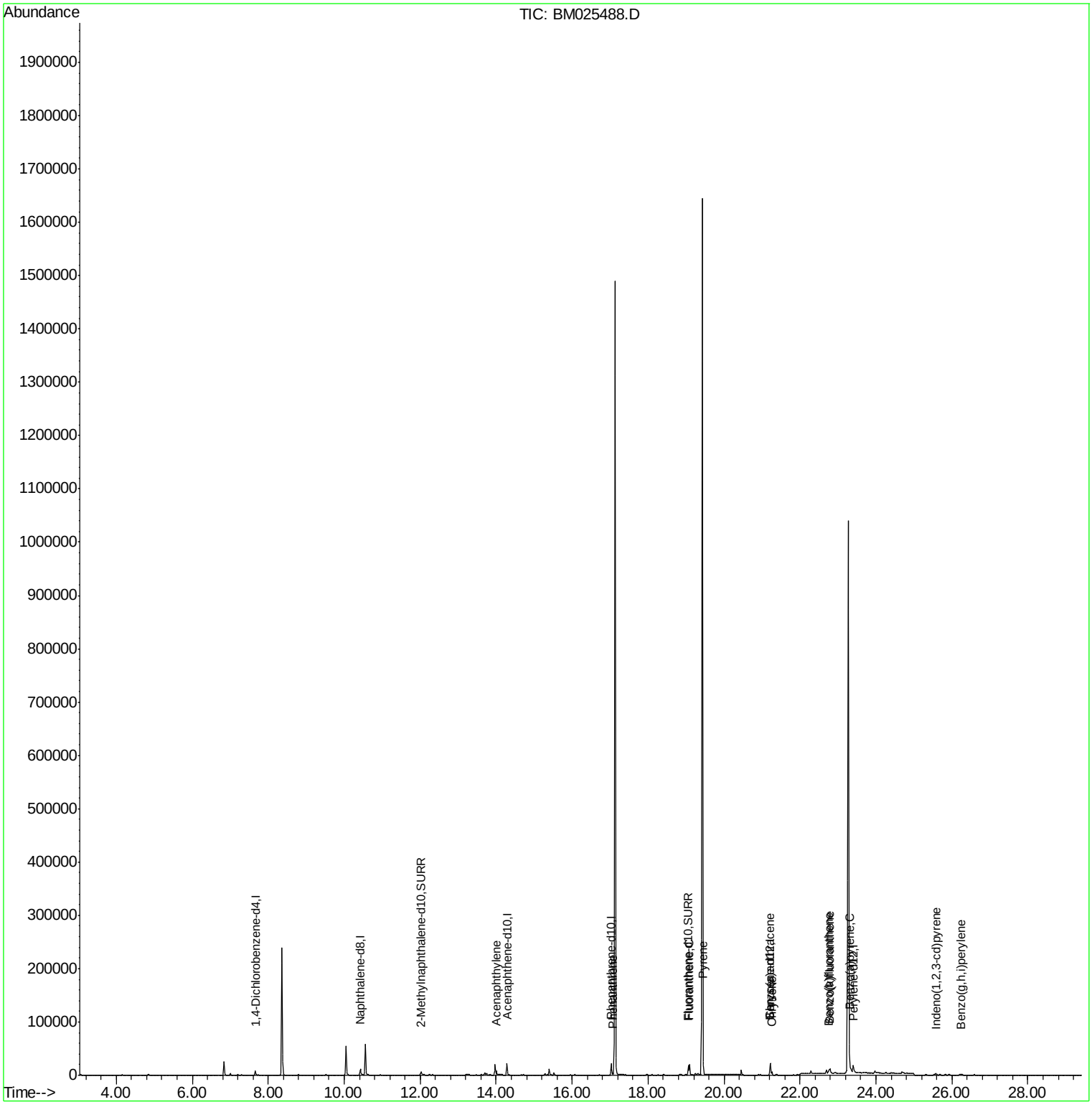
Quantitation Report (QT Reviewed)

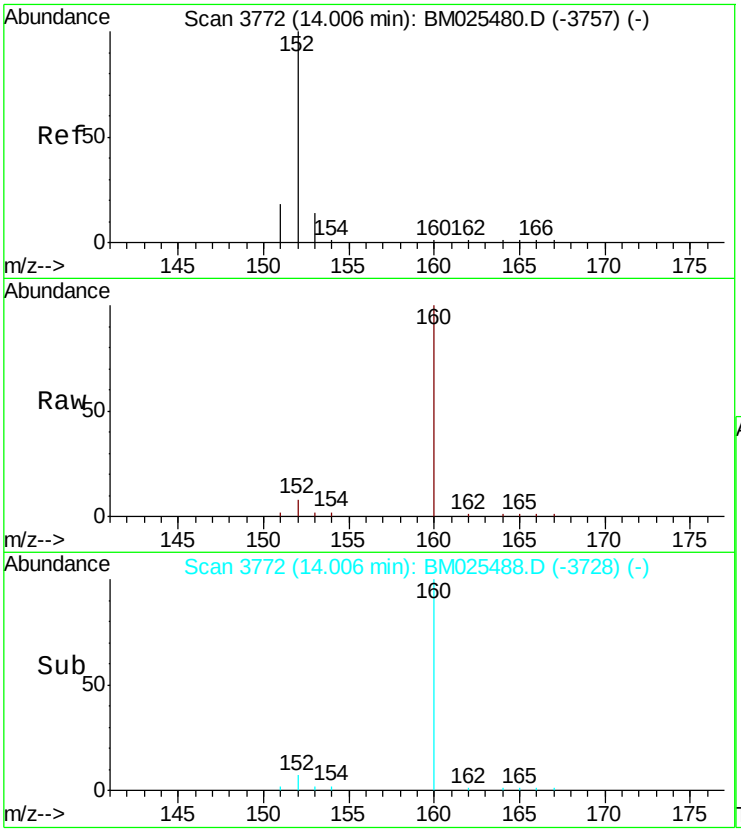
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025488.D
Acq On : 11 Mar 2020 13:14
Operator : CG/JU
Sample : L1677-11
Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Time: Mar 11 13:56:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC1

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

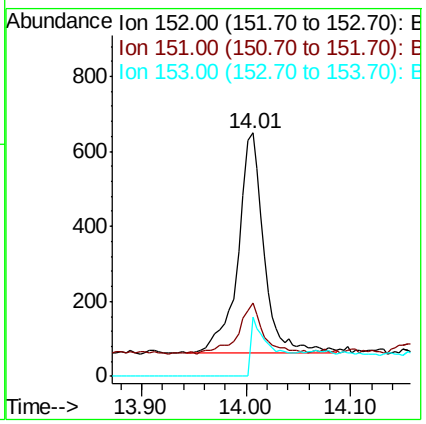




#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.01 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

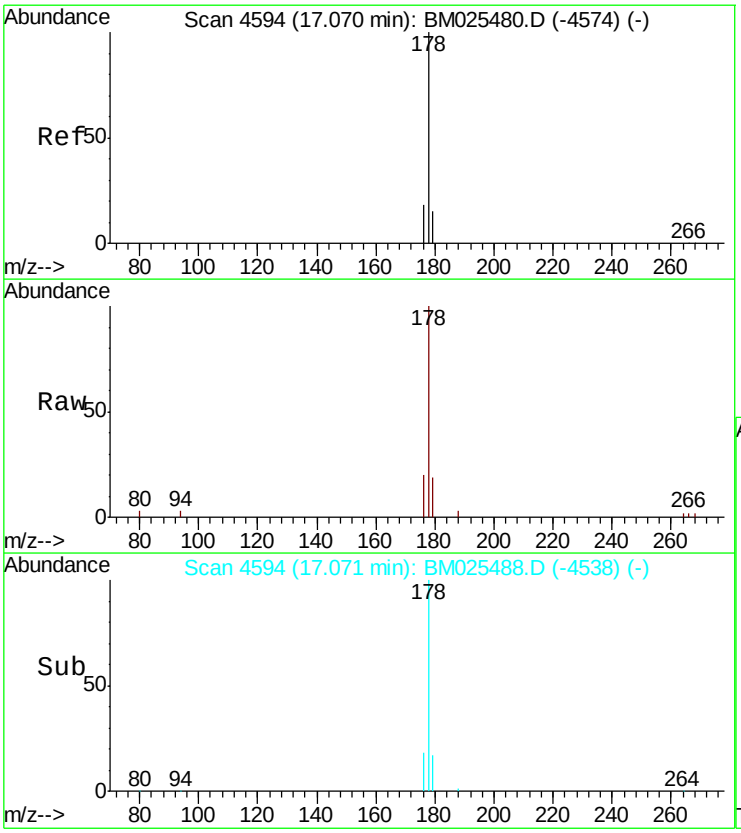
Tgt Ion:152 Resp: 1001

Ion	Ratio	Lower	Upper
152	100		
151	30.2	16.2	24.2#
153	24.5	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
C0CC1

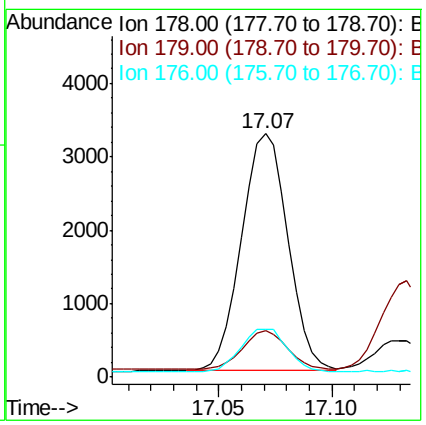
Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

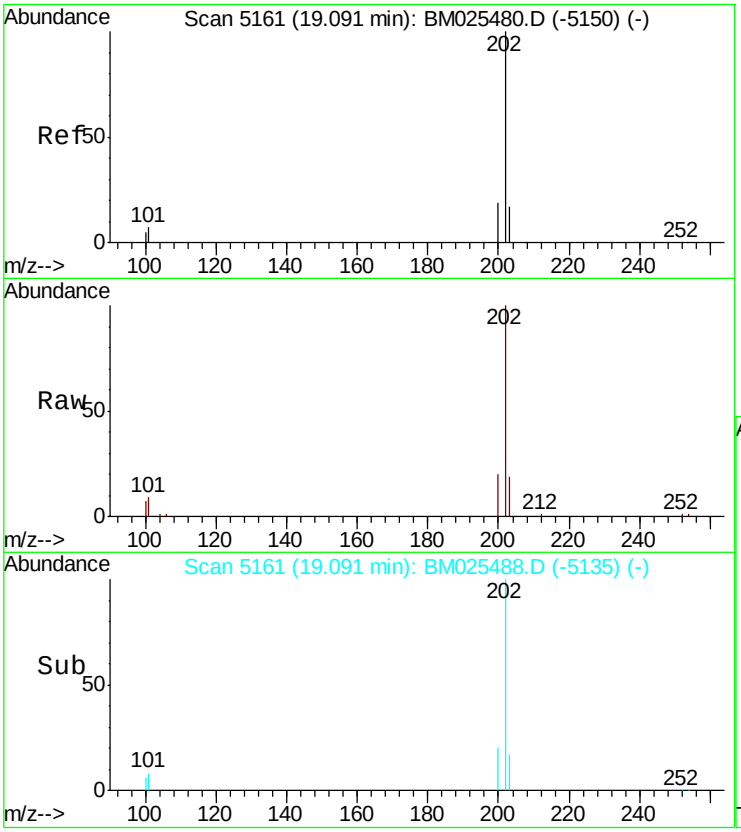


#12
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

Tgt Ion:178 Resp: 4581

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.4	18.6#
176	19.8	14.8	22.2

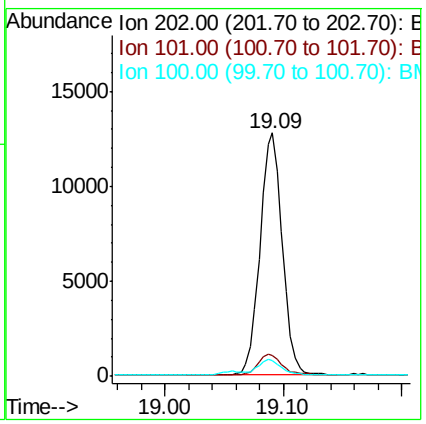




#15
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

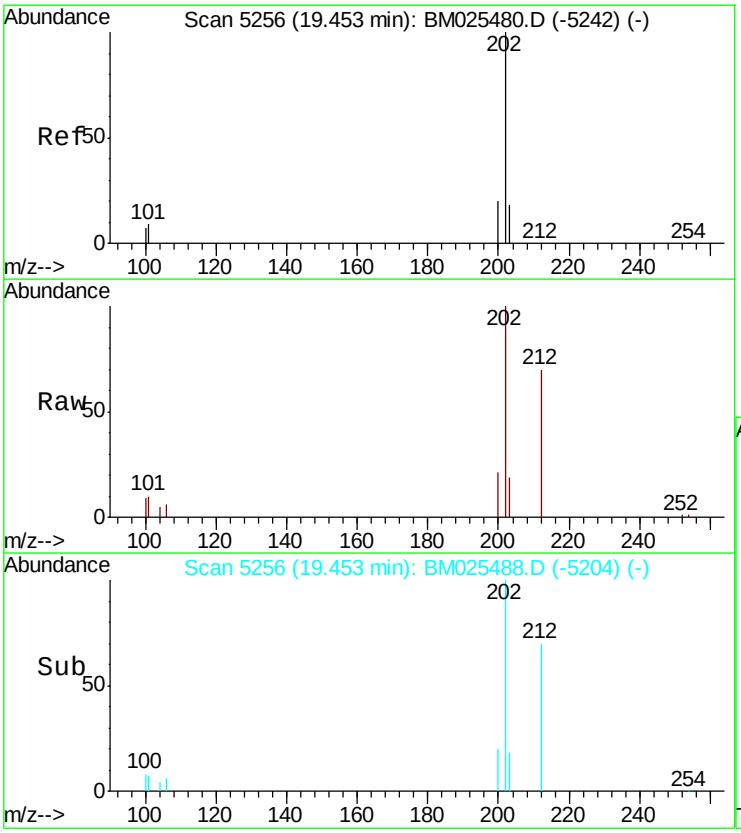
Tgt Ion:202 Resp: 16730

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	27.5
100	6.7	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
C0CC1

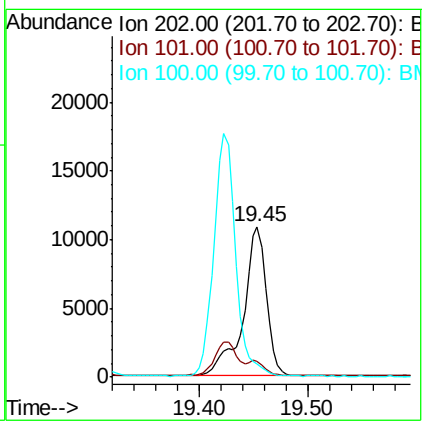
Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

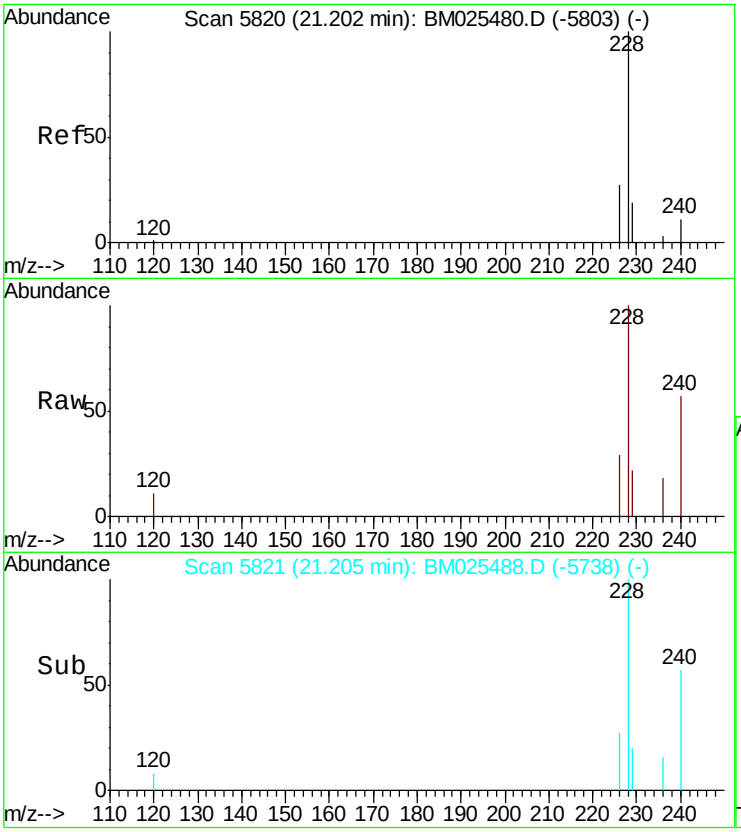


#17
Pyrene
Concen: 0.199 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

Tgt Ion:202 Resp: 16044

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	9.0	6.0	9.0#

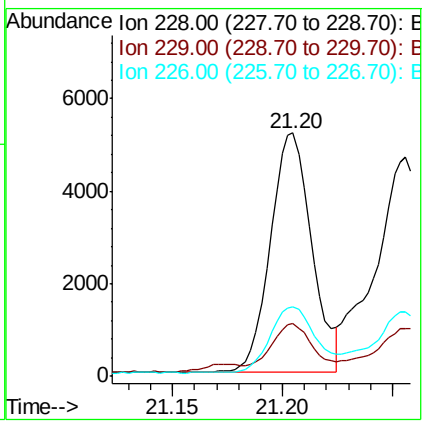




#18
Benzo(a)anthracene
Concen: 0.105 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

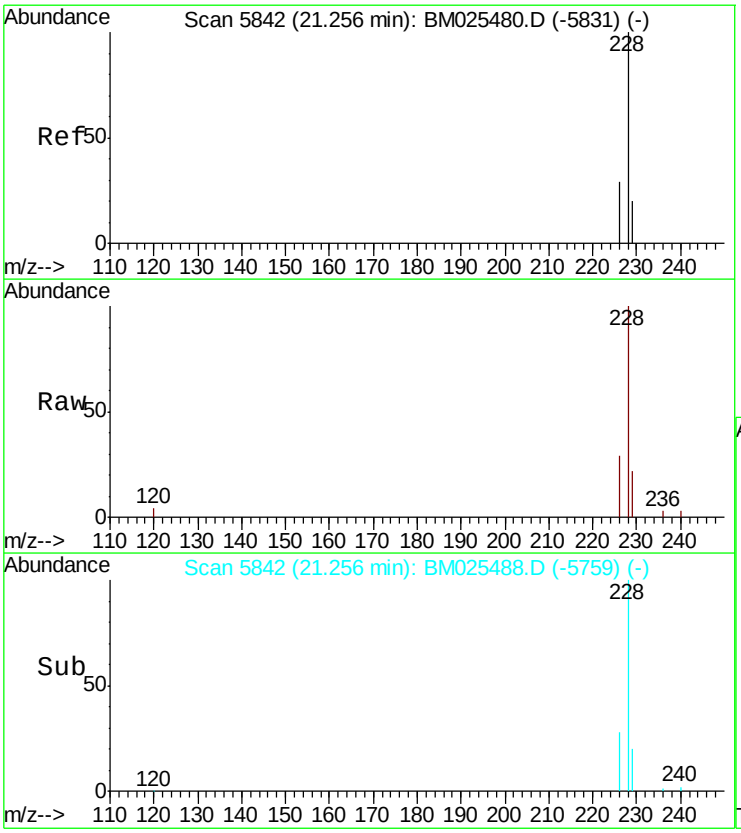
Tgt Ion:228 Resp: 6758

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	28.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
C0CC1

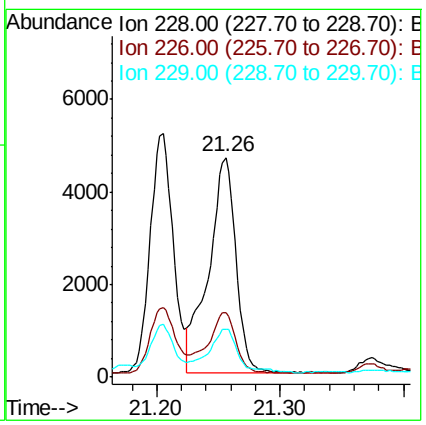
Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

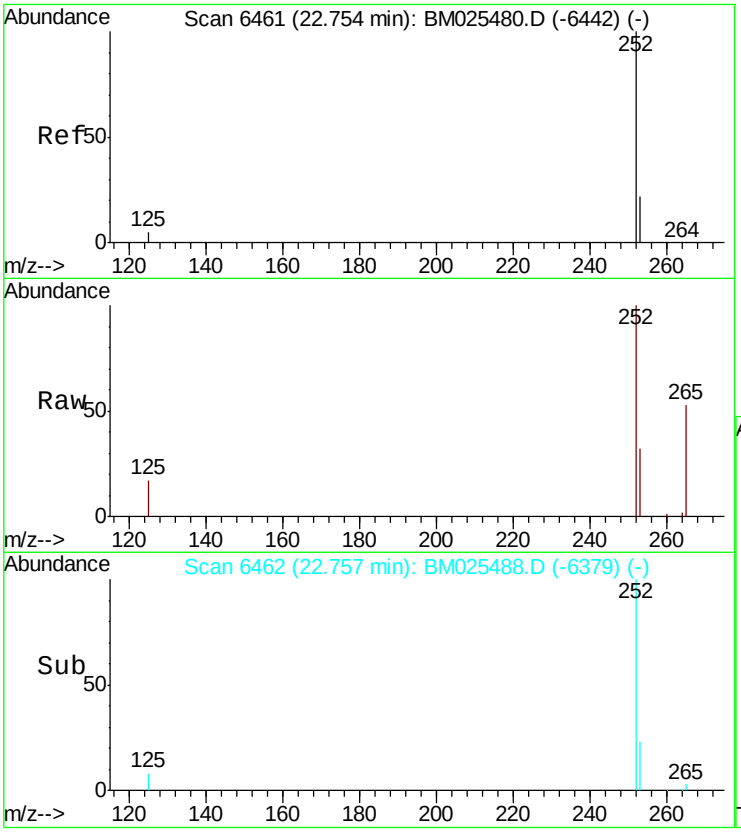


#19
Chrysene
Concen: 0.100 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

Tgt Ion:228 Resp: 7186

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	21.6	16.3	24.5

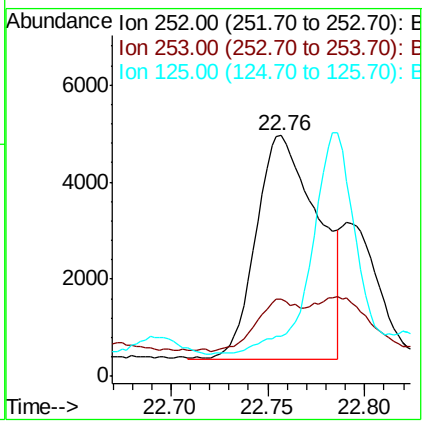




#21
Benzo(b)fluoranthene
Concen: 0.150 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

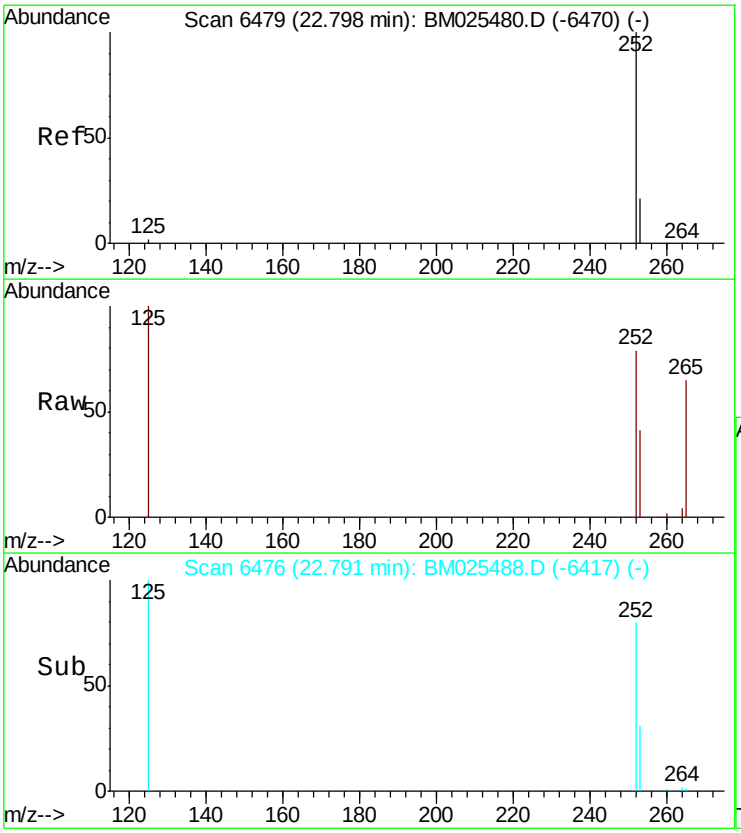
Tgt Ion:252 Resp: 10264

Ion	Ratio	Lower	Upper
252	100		
253	31.9	0.0	50.2
125	16.5	0.0	17.6



Instrument :
BNA_M
ClientSampleId :
C0CC1

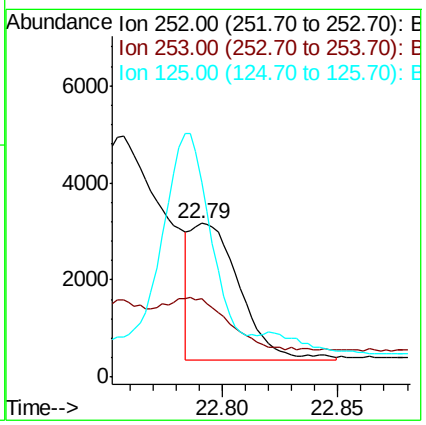
Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

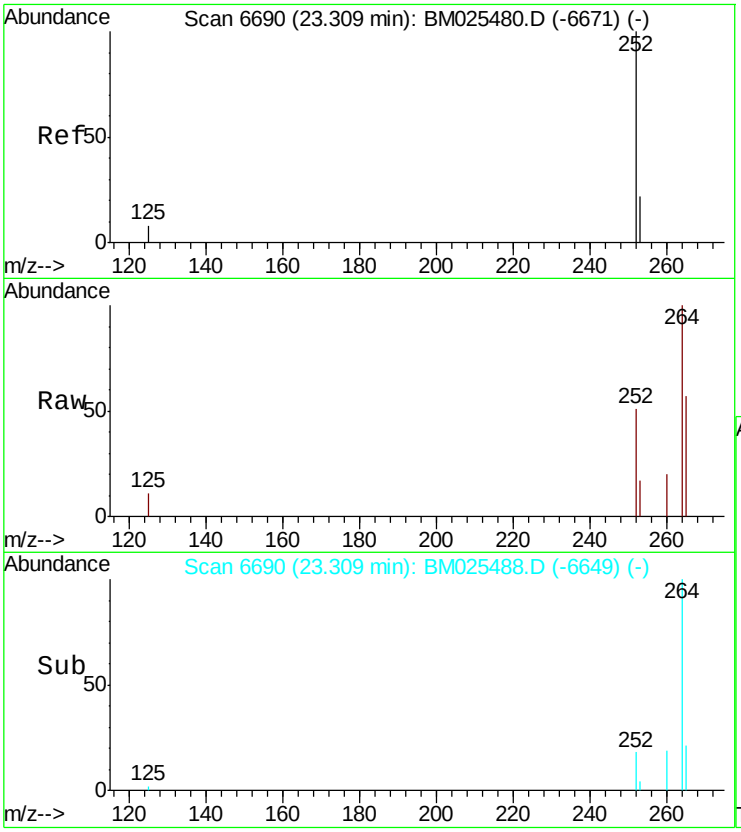


#22
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

Tgt Ion:252 Resp: 4238

Ion	Ratio	Lower	Upper
252	100		
253	51.5	19.8	29.8#
125	126.6	7.1	10.7#





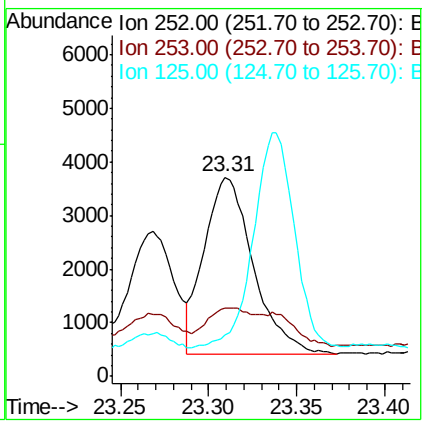
#23
Benzo(a)pyrene
Concen: 0.112 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

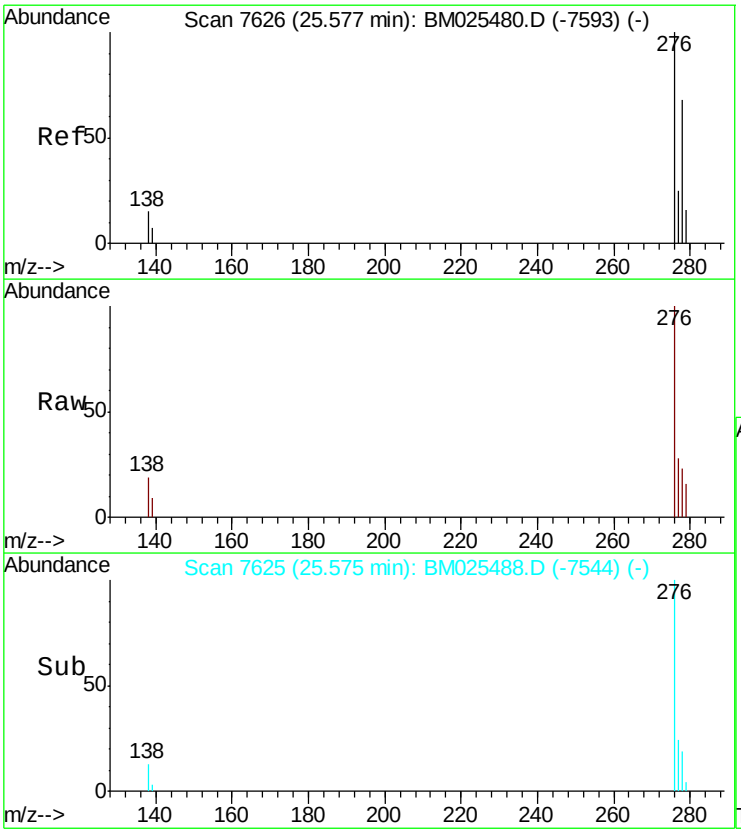
Tgt Ion:252 Resp: 6340

Ion	Ratio	Lower	Upper
252	100		
253	34.0	21.3	31.9#
125	20.7	8.5	12.7#

Instrument :
BNA_M
ClientSampleId :
C0CC1

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM

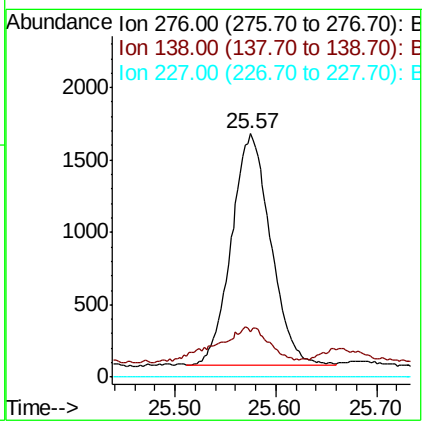


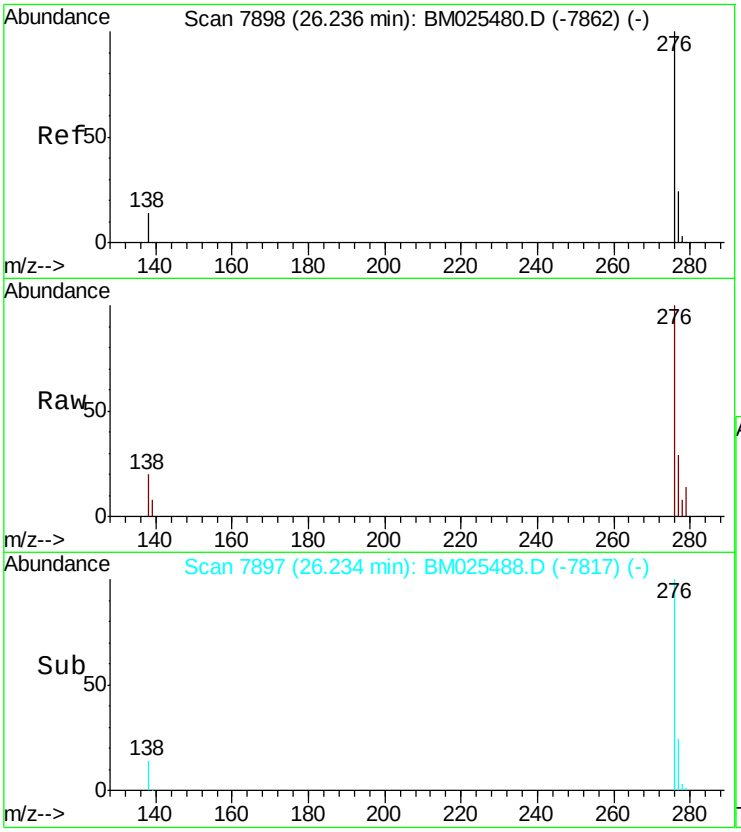


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

Tgt Ion:276 Resp: 4345

Ion	Ratio	Lower	Upper
276	100		
138	20.9	12.3	18.5#
227	0.0	0.0	0.0

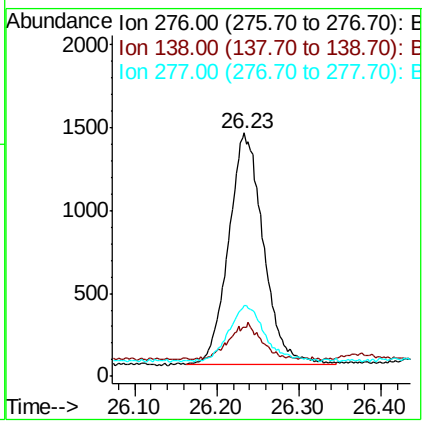




#26
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.23 min Scan# 7897
Delta R.T. -0.01 min
Lab File: BM025488.D
Acq: 11 Mar 2020 13:14

Tgt Ion:276 Resp: 4134

Ion	Ratio	Lower	Upper
276	100		
138	20.1	11.0	16.4#
277	29.0	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0CC1

Manual Integrations APPROVED
mohammad
3/13/2020 8:48:40 AM