Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025555.D
Acq On : 14 Mar 2020 00:14
Operator : CG/JU
Sample : L1786-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

Quant Time: Mar 16 06:56:28 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 : Mon Mar 16 06:44:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	4180	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17148	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9910	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	19584	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	19593	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	25138	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1294	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2413	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	51672	1.018	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	16629	0.458	ng/ul	99
7) Acenaphthylene	14.00	152	11139	0.275	ng/ul#	87
8) Acenaphthene	14.35	153	136070	3.832	ng/ul	98
9) Fluorene	15.33	166	102403	2.366	ng/ul	99
12) Phenanthrene	17.07	178	2350476	37.872	ng/ul	99
13) Anthracene	17.16	178	594307	11.004	ng/ul	99
15) Fluoranthene	19.09	202	5596187	83.179	ng/ul	98
17) Pyrene	19.45	202	4904422	55.769	ng/ul	99
18) Benzo(a)anthracene	21.20	228	3399809	48.534	ng/ul	98
19) Chrysene	21.26	228	3197716	40.650	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	4198299m	42.176	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	1536100m	14.728	ng/ul	
23) Benzo(a)pyrene	23.31	252	3068548	37.122	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.58	276	1863606	16.618	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	541194	5.737	ng/ul	99
26) Benzo(g,h,i)perylene	26.24	276	1416922	14.565	ng/ul	98

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

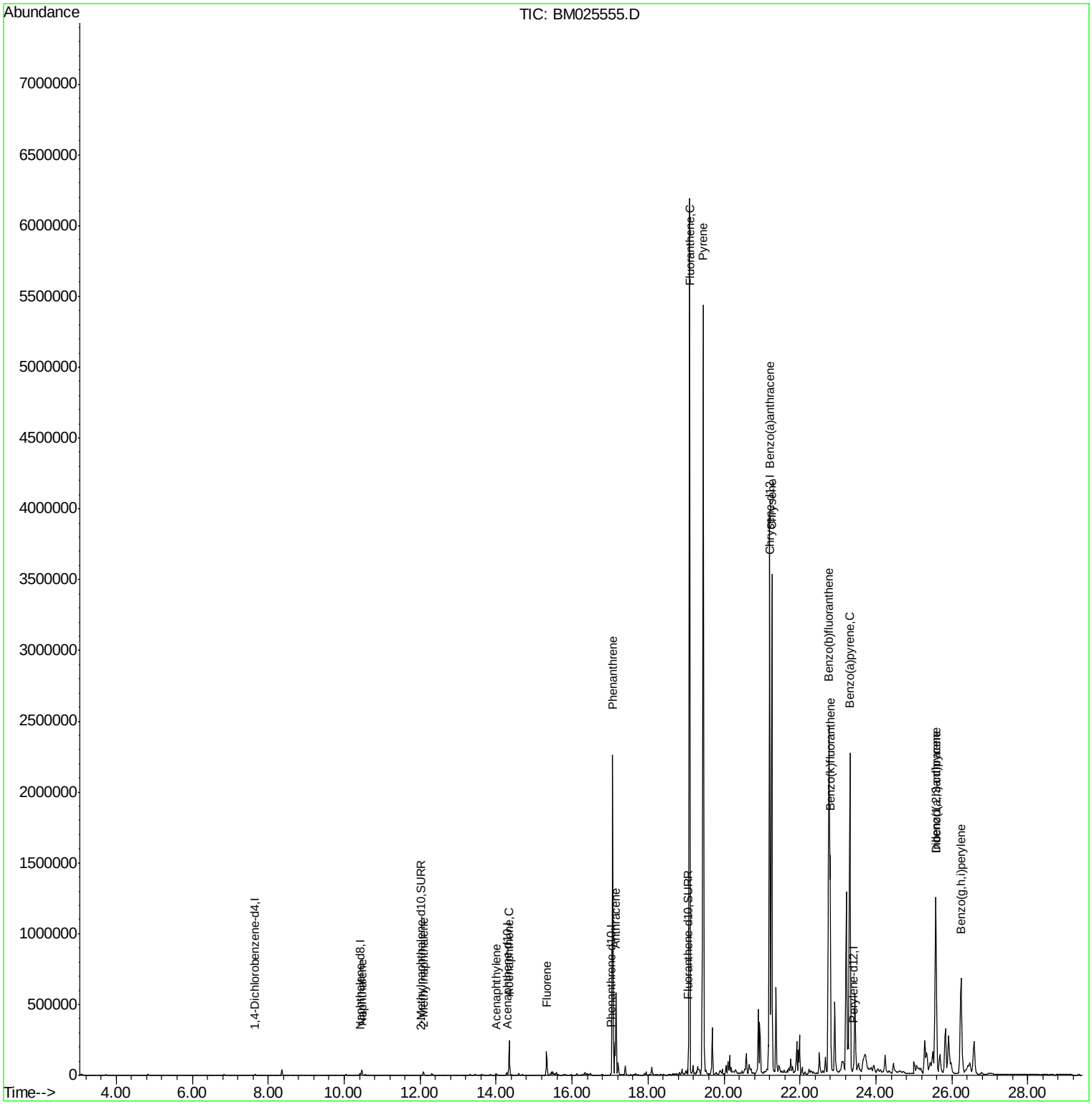
Quantitation Report (QT Reviewed)

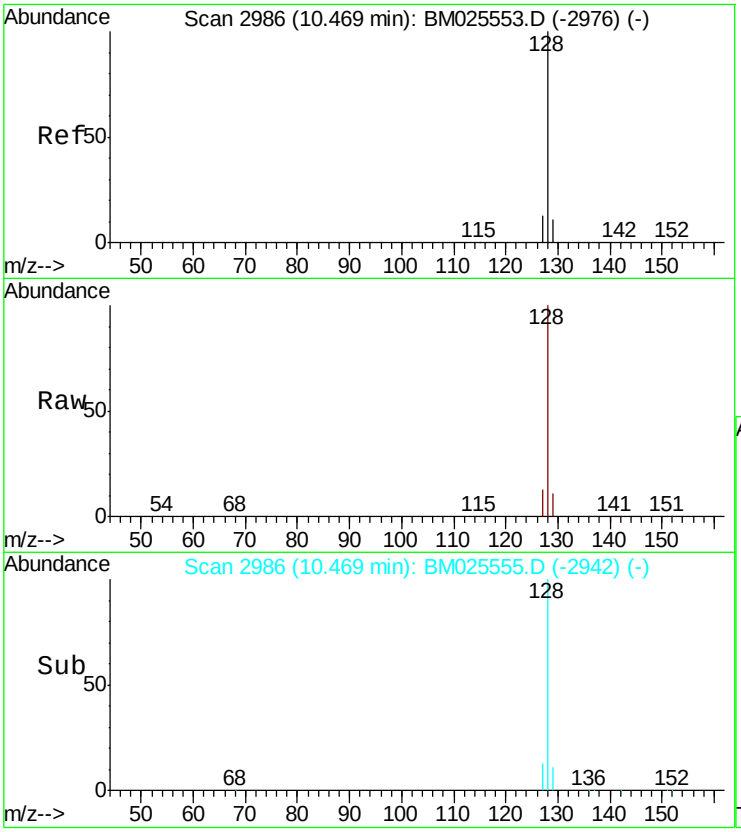
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025555.D
Acq On : 14 Mar 2020 00:14
Operator : CG/JU
Sample : L1786-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 16 06:56:28 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 : Mon Mar 16 06:44:28 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

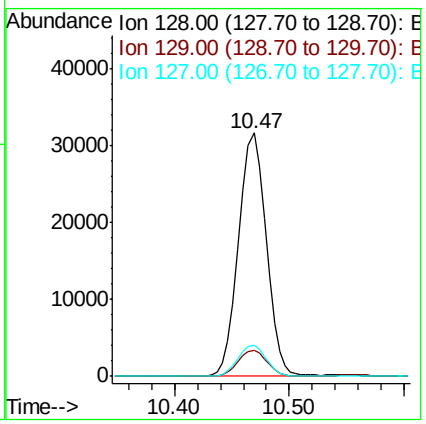




#3
Naphthalene
Concen: 1.018 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

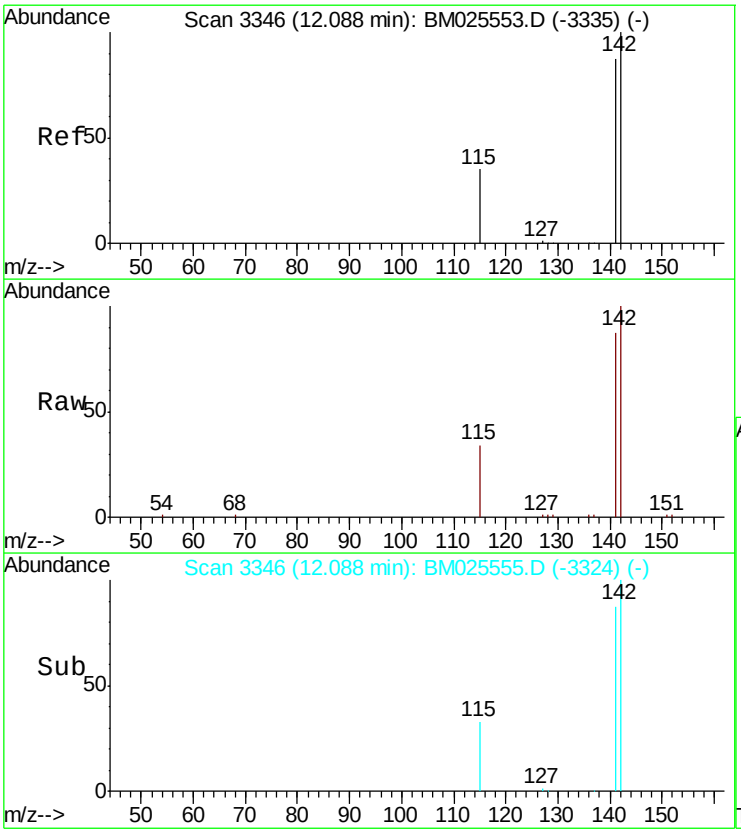
Tgt Ion:128 Resp: 51672

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.9	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
C0AC4

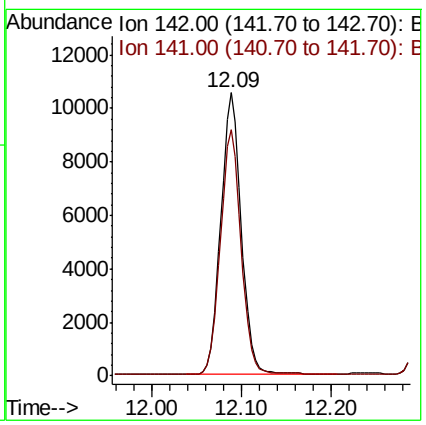
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

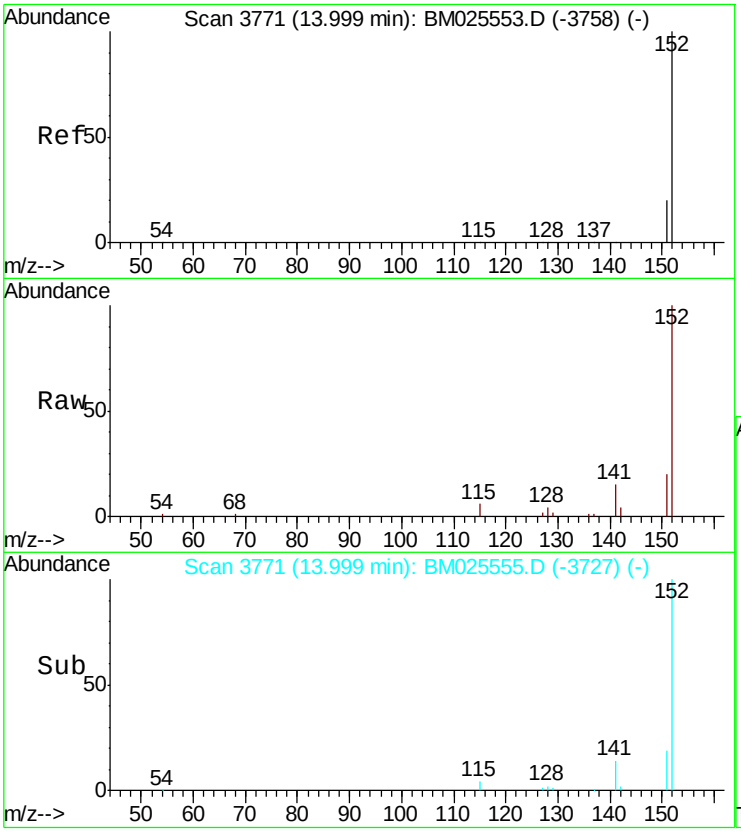


#5
2-Methylnaphthalene
Concen: 0.458 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:142 Resp: 16629

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6





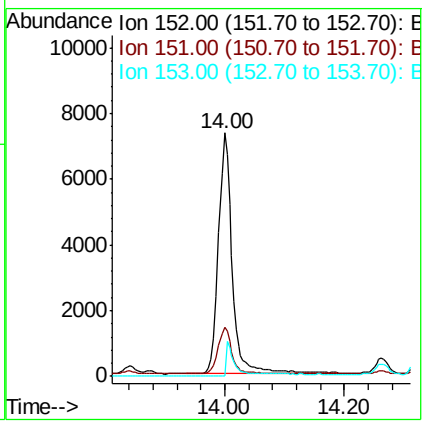
#7
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

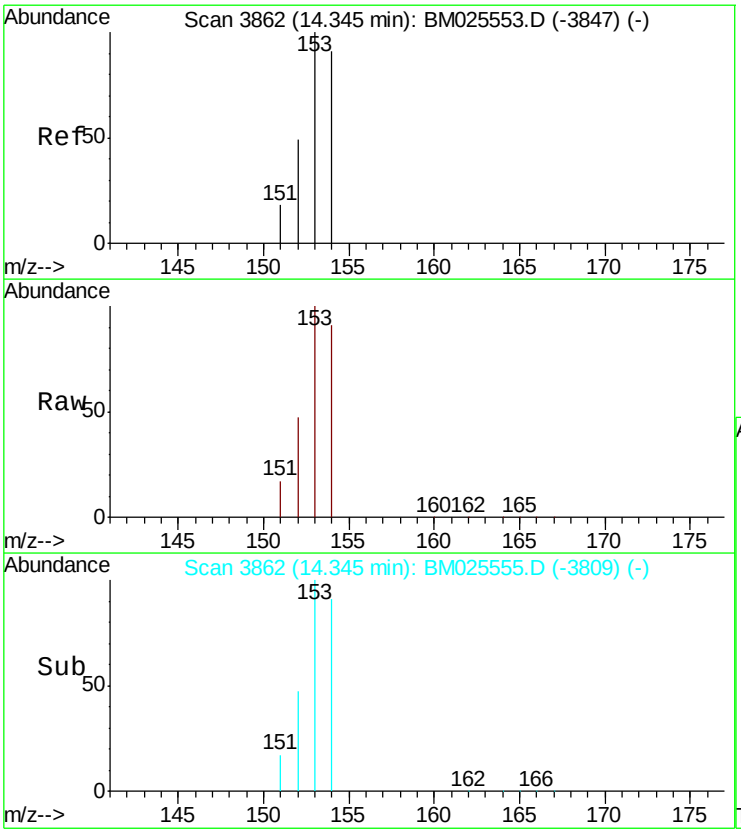
Tgt Ion:152 Resp: 11139

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	0.0	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

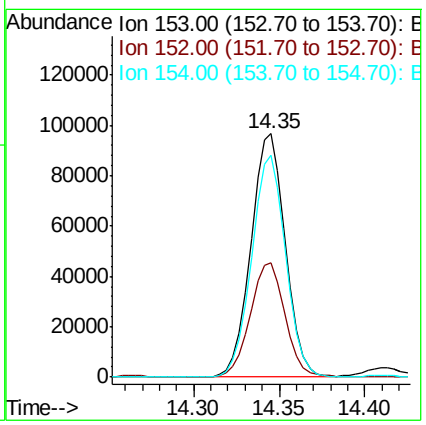


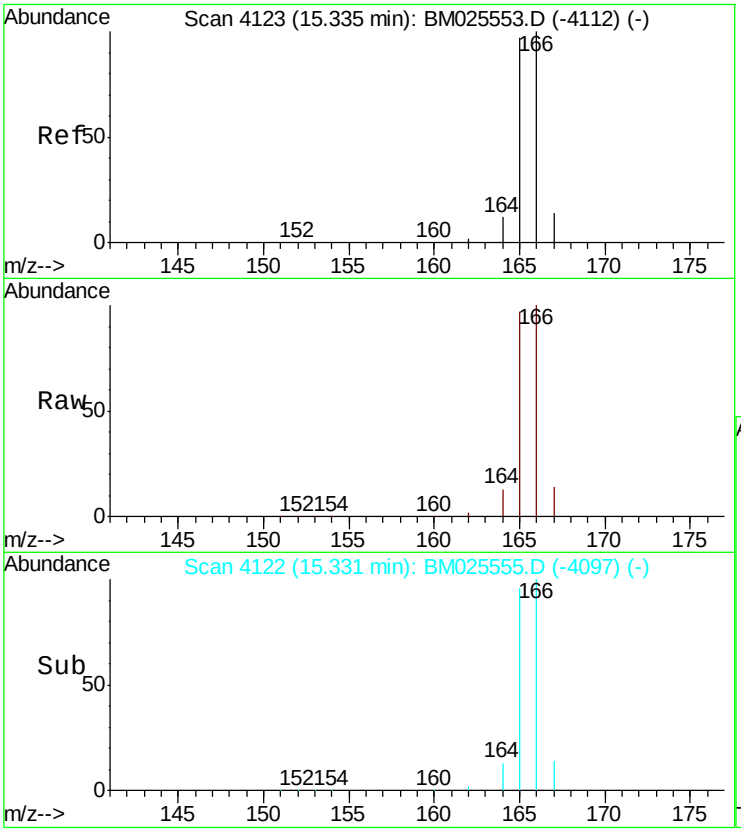


#8
Acenaphthene
Concen: 3.832 ng/ul
RT: 14.35 min Scan# 3862
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:153 Resp: 136070

Ion	Ratio	Lower	Upper
153	100		
152	47.1	39.5	59.3
154	90.9	71.7	107.5

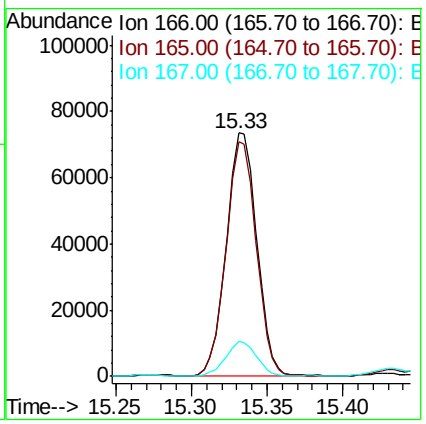




#9
Fluorene
Concen: 2.366 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

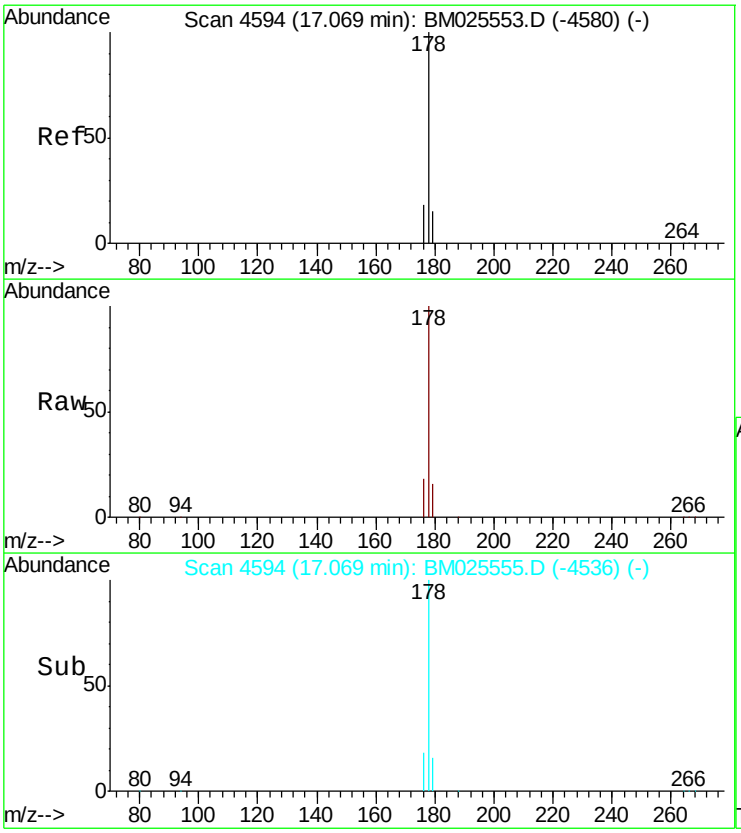
Tgt Ion:166 Resp: 102403

Ion	Ratio	Lower	Upper
166	100		
165	96.5	76.8	115.2
167	14.2	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
C0AC4

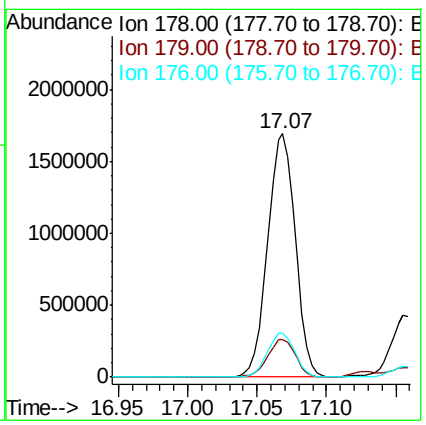
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

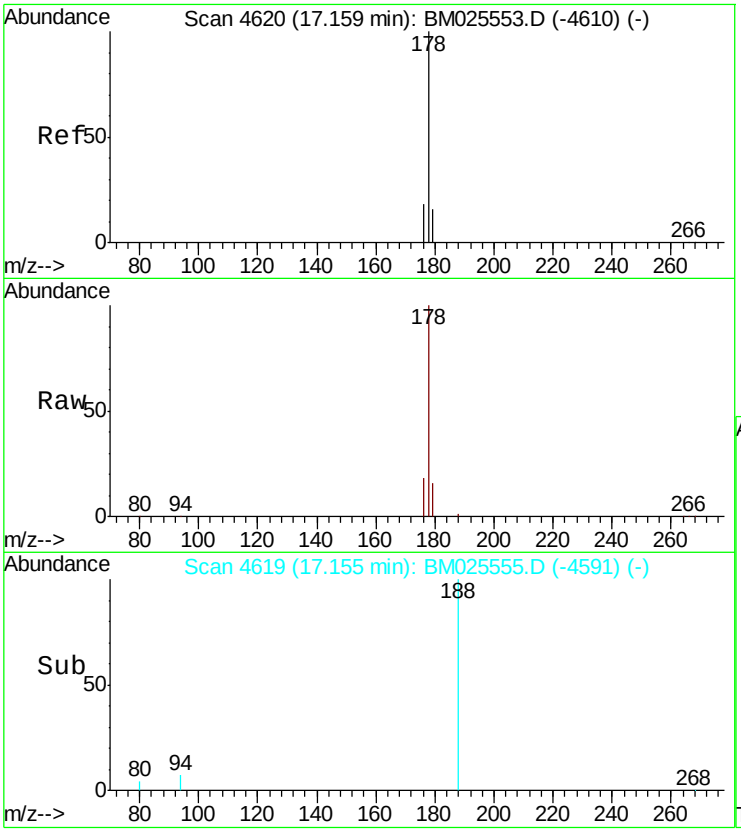


#12
Phenanthrene
Concen: 37.872 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:178 Resp: 2350476

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.1	14.8	22.2

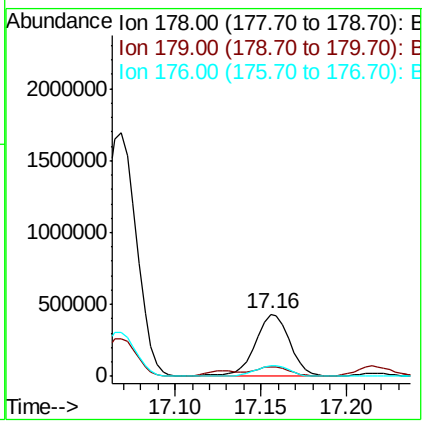




#13
Anthracene
Concen: 11.004 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

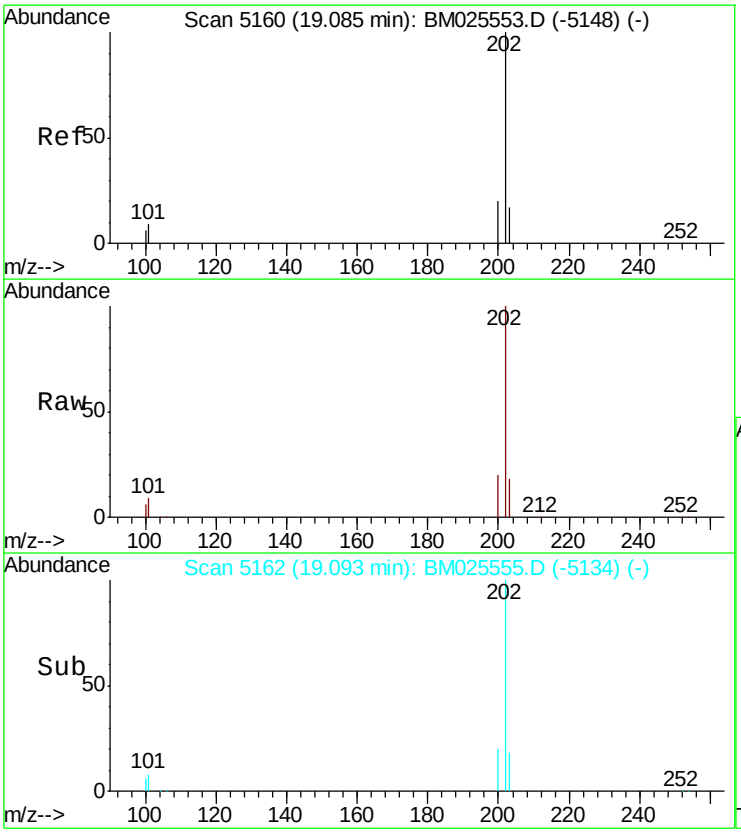
Tgt Ion:178 Resp: 594307

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	17.7	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
C0AC4

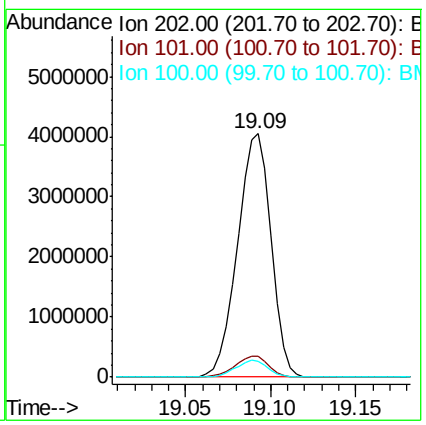
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

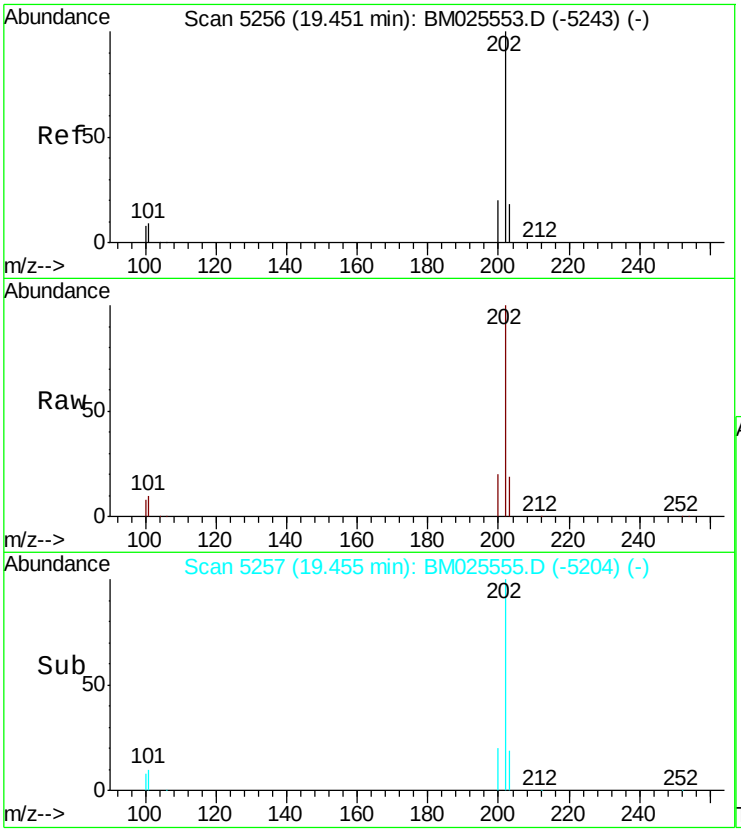


#15
Fluoranthene
Concen: 83.179 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. 0.01 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:202 Resp: 5596187

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	27.5
100	6.4	0.0	26.0

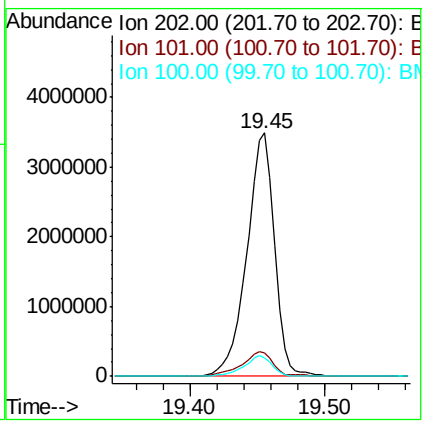




#17
Pyrene
Concen: 55.769 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

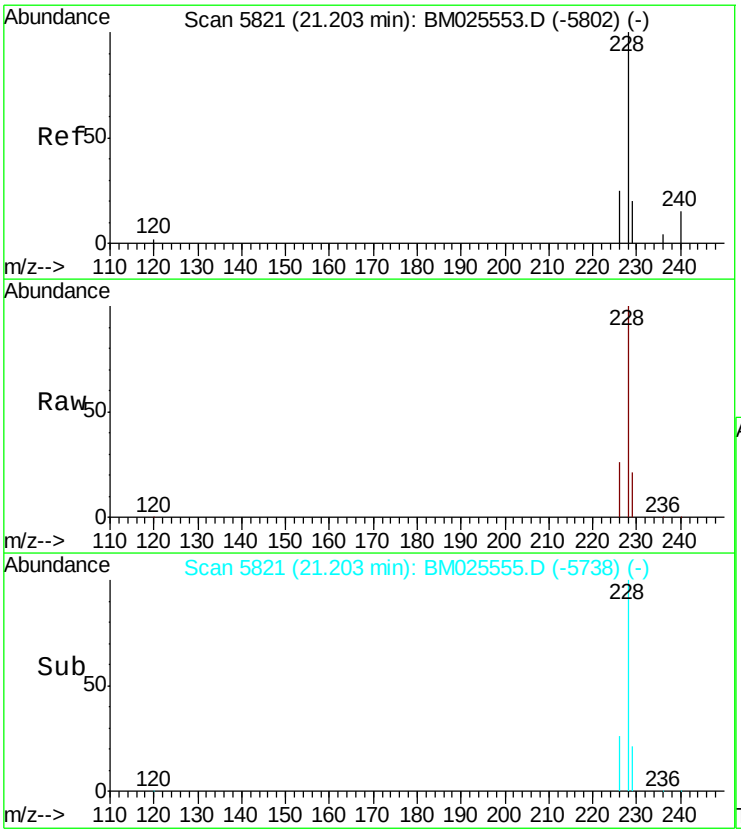
Tgt Ion:202 Resp: 4904422

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.1	10.7
100	7.8	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
C0AC4

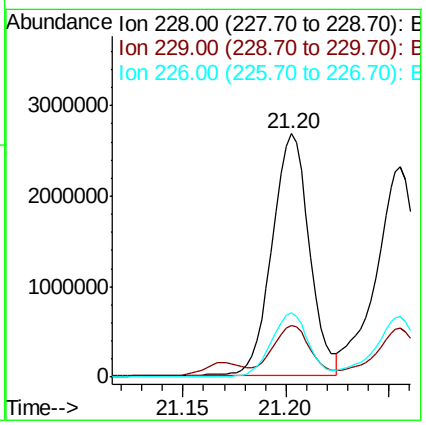
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

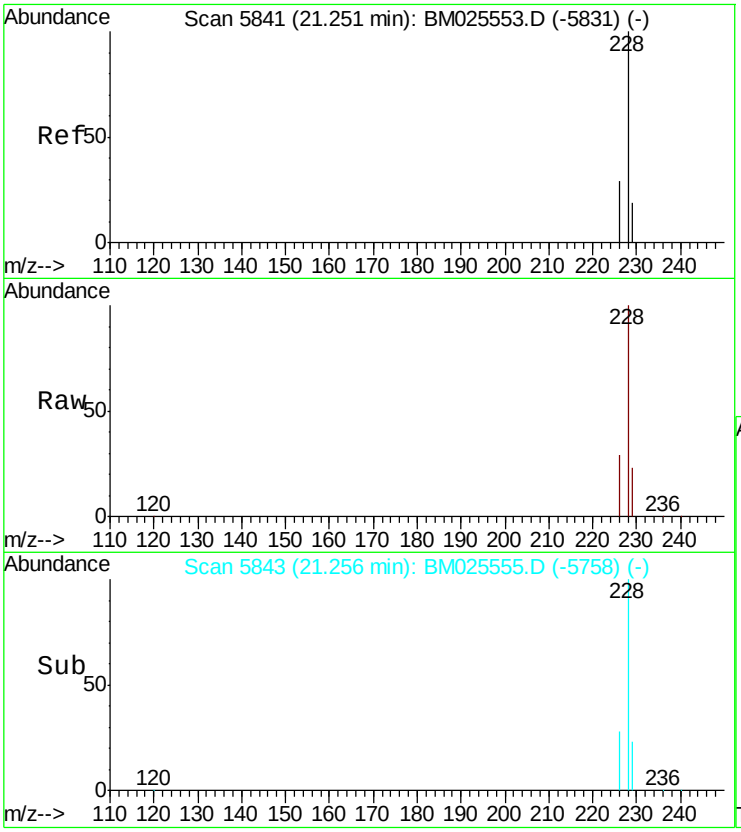


#18
Benzo(a)anthracene
Concen: 48.534 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:228 Resp: 3399809

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	26.2	21.1	31.7

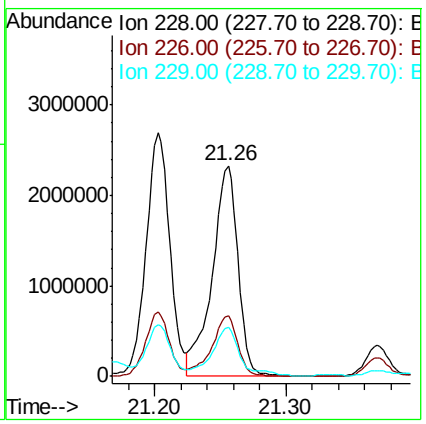




#19
Chrysene
Concen: 40.650 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

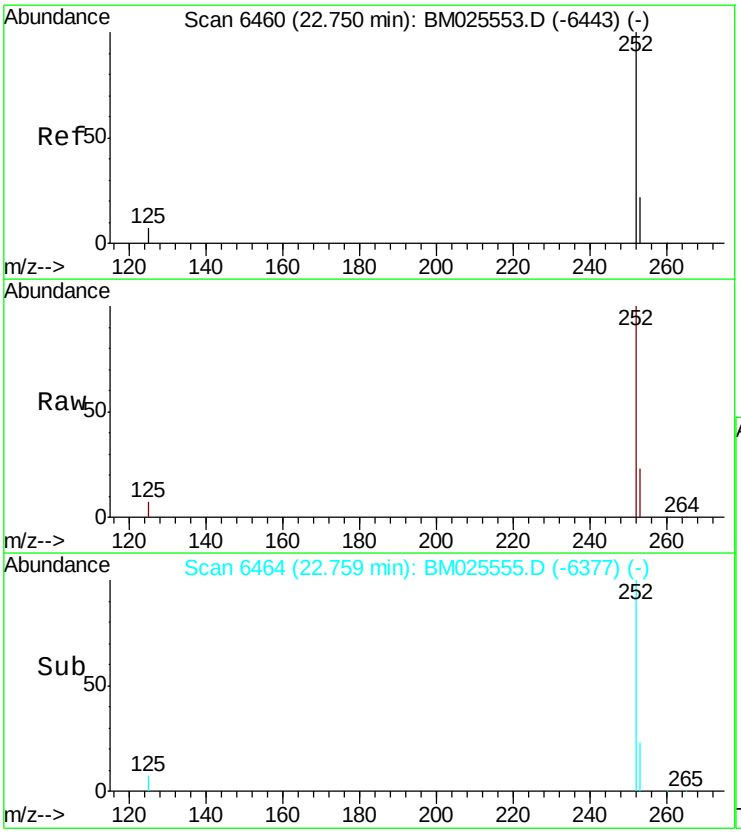
Tgt Ion:228 Resp: 3197716

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	23.1	16.3	24.5



Instrument :
BNA_M
ClientSampleId :
C0AC4

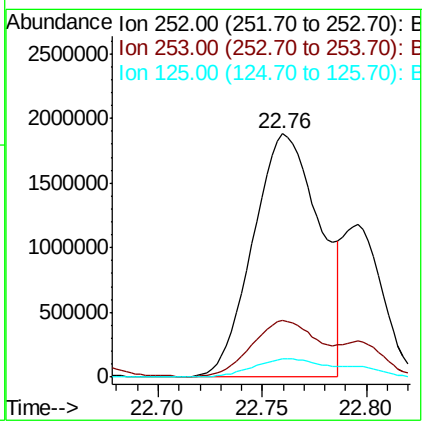
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

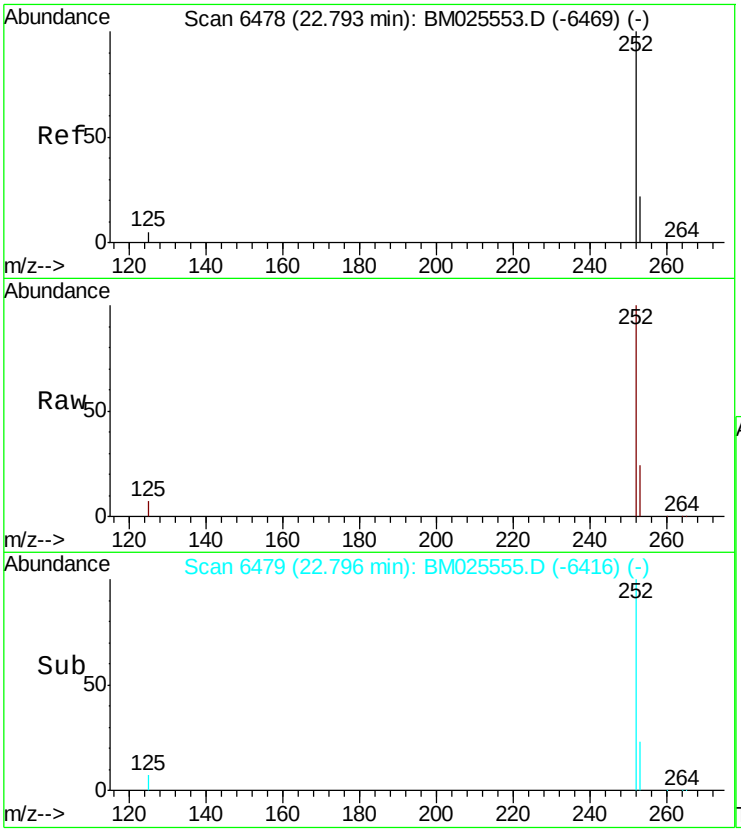


#21
Benzo(b)fluoranthene
Concen: 42.176 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. 0.01 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:252 Resp: 4198299

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	50.2
125	7.4	0.0	17.6

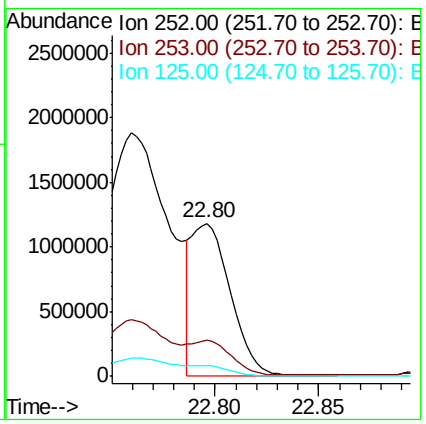




#22
Benzo(k)fluoranthene
Concen: 14.728 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

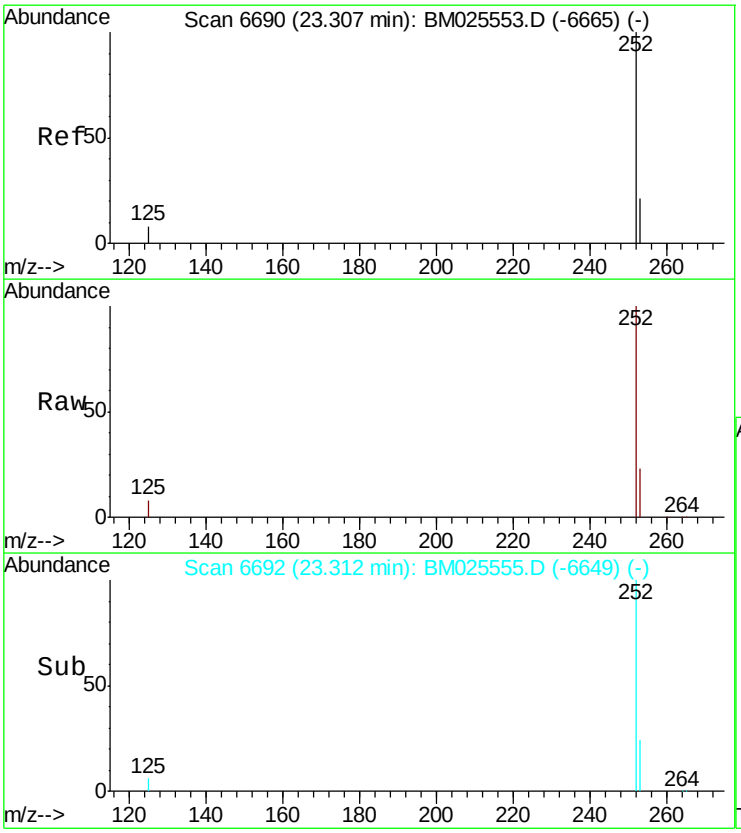
Tgt Ion:252 Resp: 1536100

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.8
125	7.1	7.1	10.7#



Instrument :
BNA_M
ClientSampleId :
C0AC4

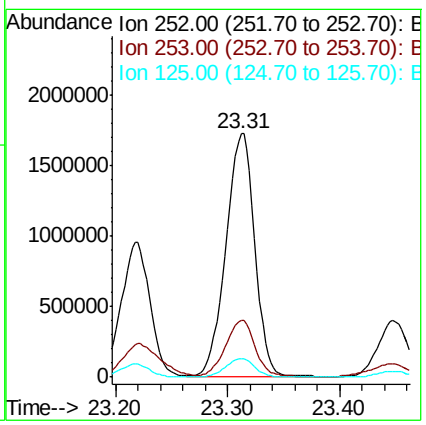
Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

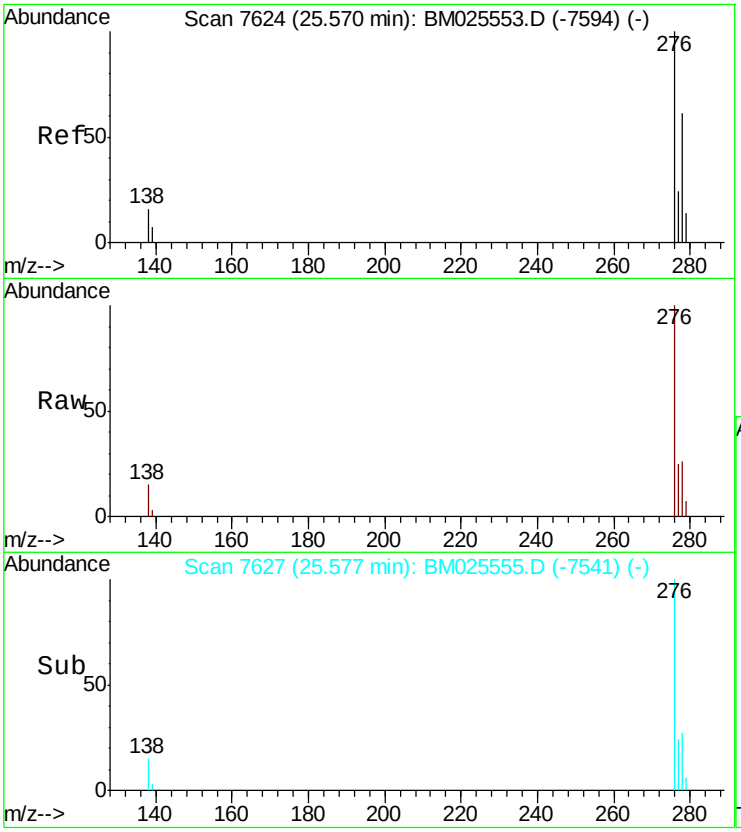


#23
Benzo(a)pyrene
Concen: 37.122 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. 0.00 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:252 Resp: 3068548

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.3	31.9
125	7.7	8.5	12.7#





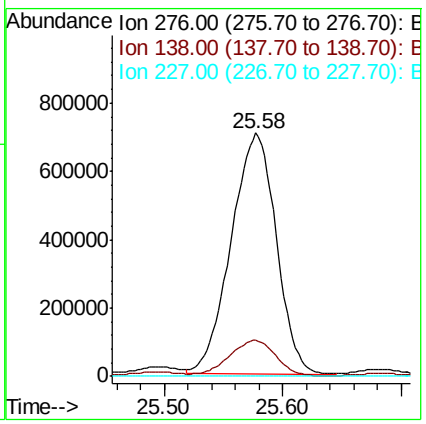
#24
Indeno(1,2,3-cd)pyrene
Concen: 16.618 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. 0.01 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

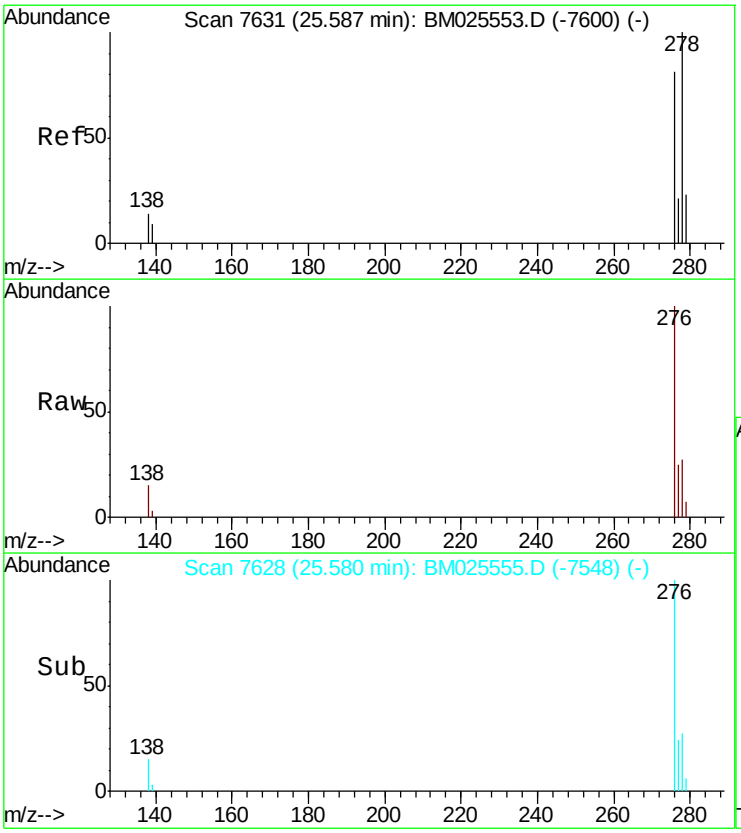
Tgt Ion:276 Resp: 1863606

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM

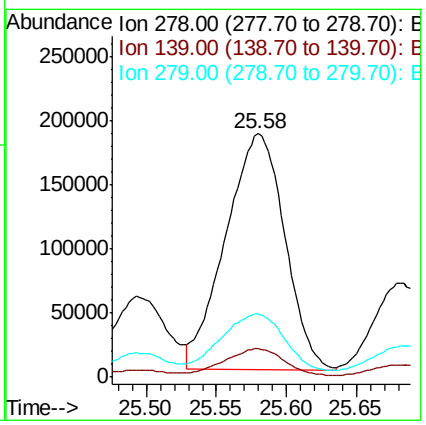


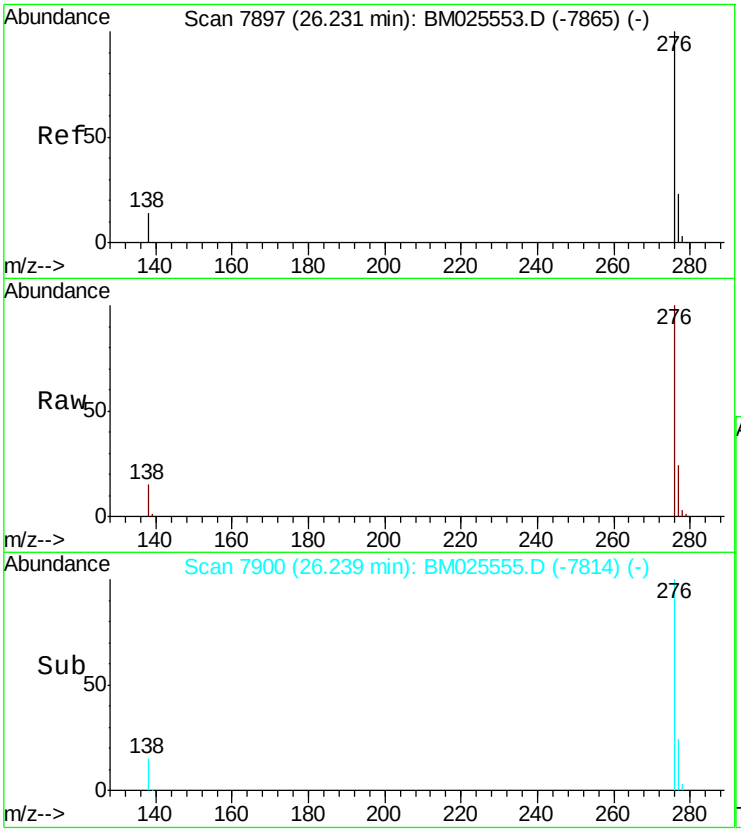


#25
Dibenzo(a,h)anthracene
Concen: 5.737 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:278 Resp: 541194

Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.0	13.6
279	26.0	21.1	31.7

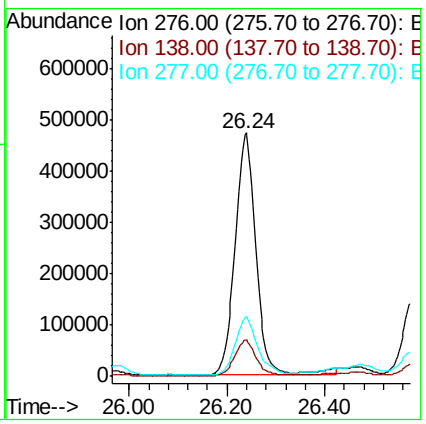




#26
Benzo(g,h,i)perylene
Concen: 14.565 ng/ul
RT: 26.24 min Scan# 7900
Delta R.T. 0.01 min
Lab File: BM025555.D
Acq: 14 Mar 2020 00:14

Tgt Ion:276 Resp: 1416922

Ion	Ratio	Lower	Upper
276	100		
138	15.0	11.0	16.4
277	24.3	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:34 PM