Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
Data File : BM025948.D
Acq On : 06 Apr 2020 16:15
Operator : CG/JU
Sample : L2062-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F3E07

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

Quant Time: Apr 06 18:20:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3016	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	14082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9867	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	22922m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	24121	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	26959	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	6939	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	21727	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	2767	0.067	ng/ul#	92
5) 2-Methylnaphthalene	12.00	142	1037	0.036	ng/ul	100
7) Acenaphthylene	13.92	152	73093	1.733	ng/ul	99
8) Acenaphthene	14.26	153	3480	0.099	ng/ul	98
9) Fluorene	15.26	166	7404	0.170	ng/ul	99
11) Pentachlorophenol	16.61	266	154	0.027	ng/ul	90
12) Phenanthrene	16.99	178	41333	0.572	ng/ul	99
13) Anthracene	17.08	178	377417	5.916	ng/ul	99
15) Fluoranthene	19.01	202	1169980	13.112	ng/ul	99
17) Pyrene	19.37	202	2073846	24.007	ng/ul	97
18) Benzo(a)anthracene	21.13	228	1879927	21.803	ng/ul	97
19) Chrysene	21.18	228	3433126	36.481	ng/ul	99
21) Benzo(b)fluoranthene	22.66	252	3899868m	39.308	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1431151m	13.453	ng/ul	
23) Benzo(a)pyrene	23.21	252	1710750	19.295	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	695660	5.859	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	207583	2.094	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	383547	3.818	ng/ul	99

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

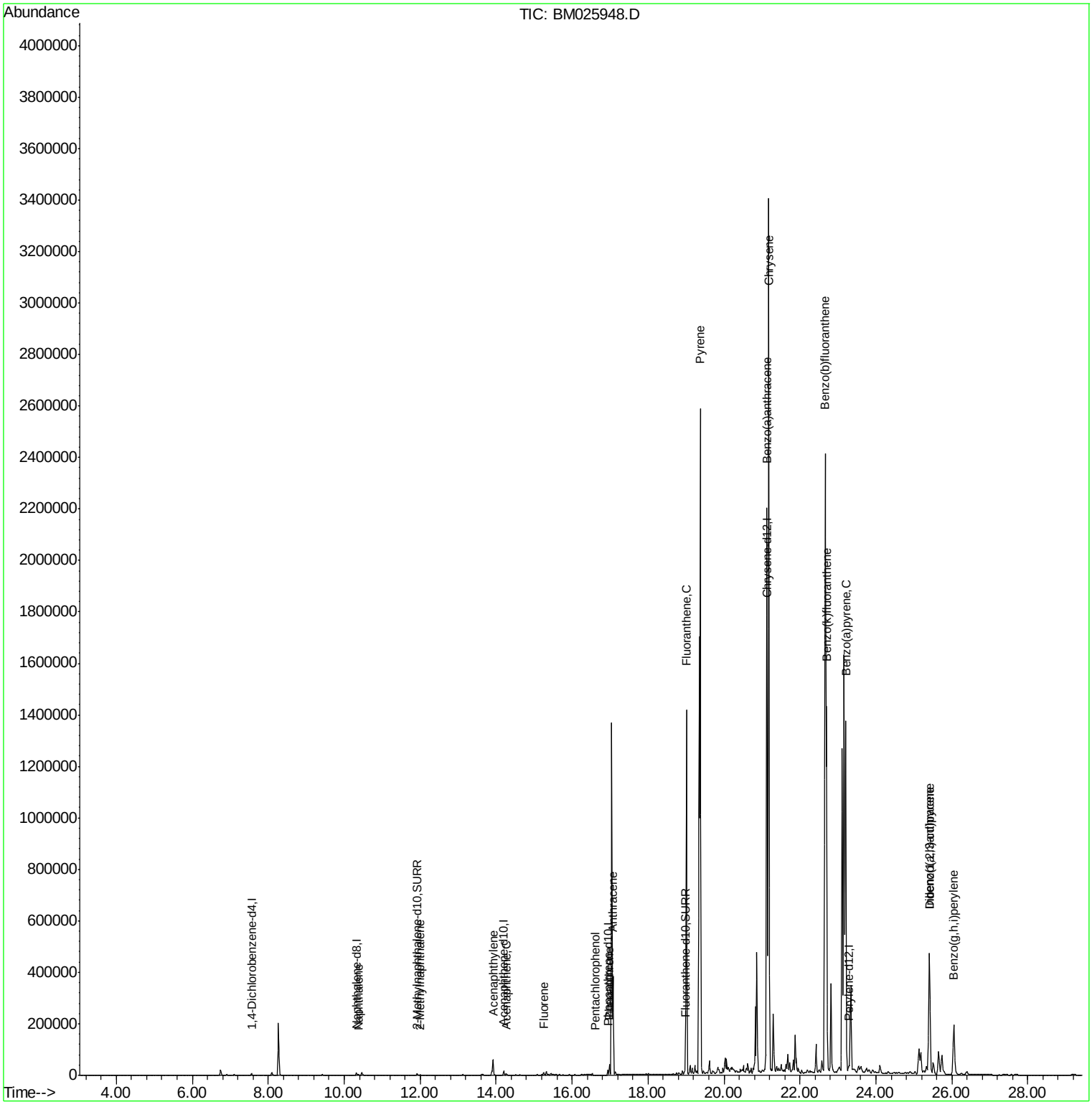
Quantitation Report (QT Reviewed)

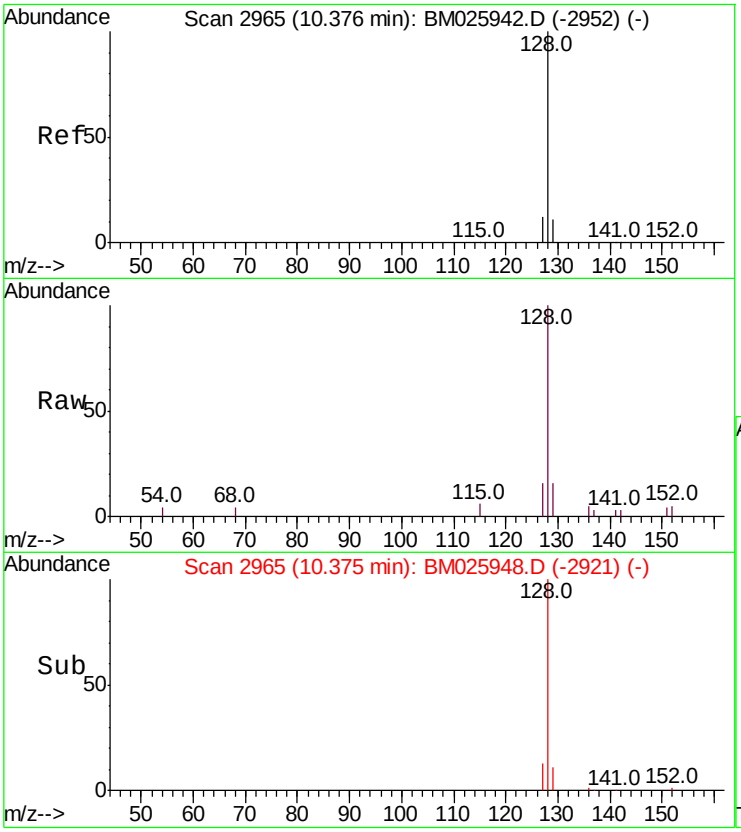
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
Data File : BM025948.D
Acq On : 06 Apr 2020 16:15
Operator : CG/JU
Sample : L2062-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 06 18:20:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F3E07

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM





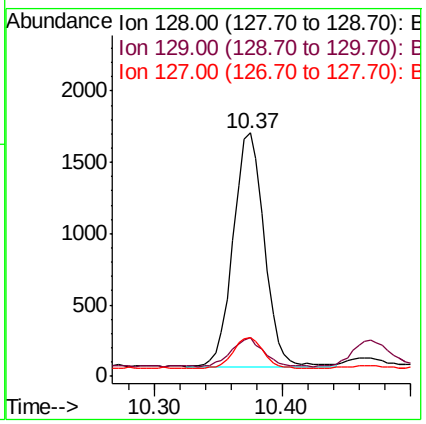
#3
Naphthalene
Concen: 0.067 ng/ul
RT: 10.37 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

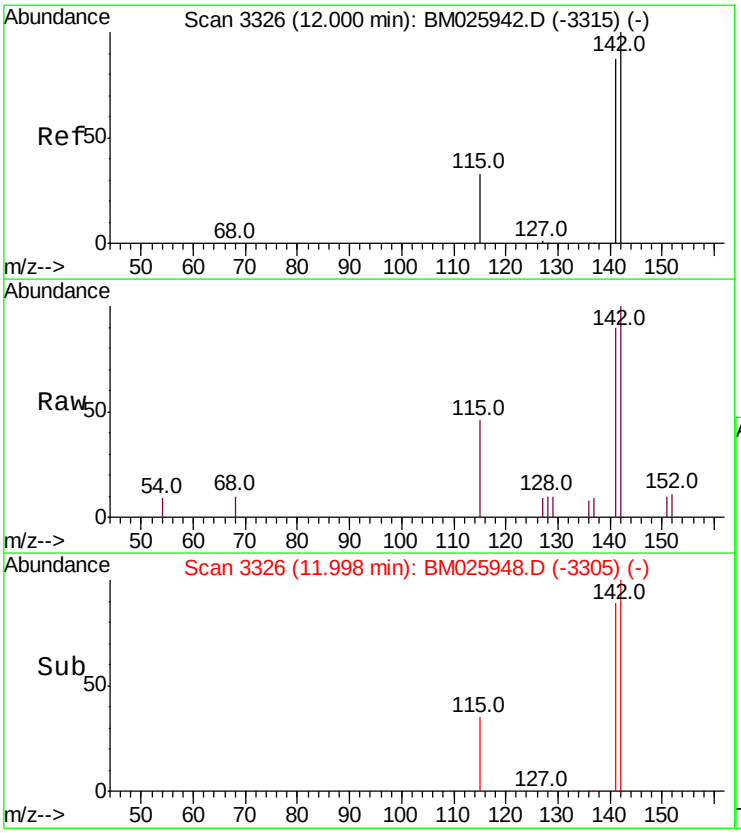
Tgt Ion:128 Resp: 2767

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.1	13.7#
127	15.7	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
F3E07

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

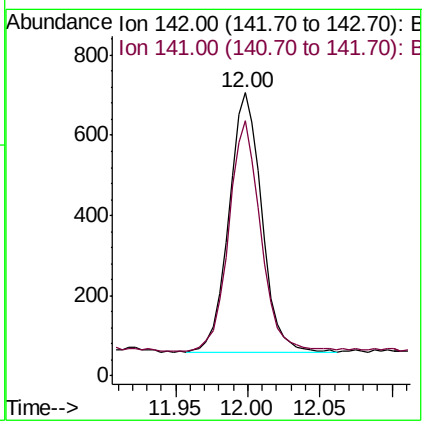


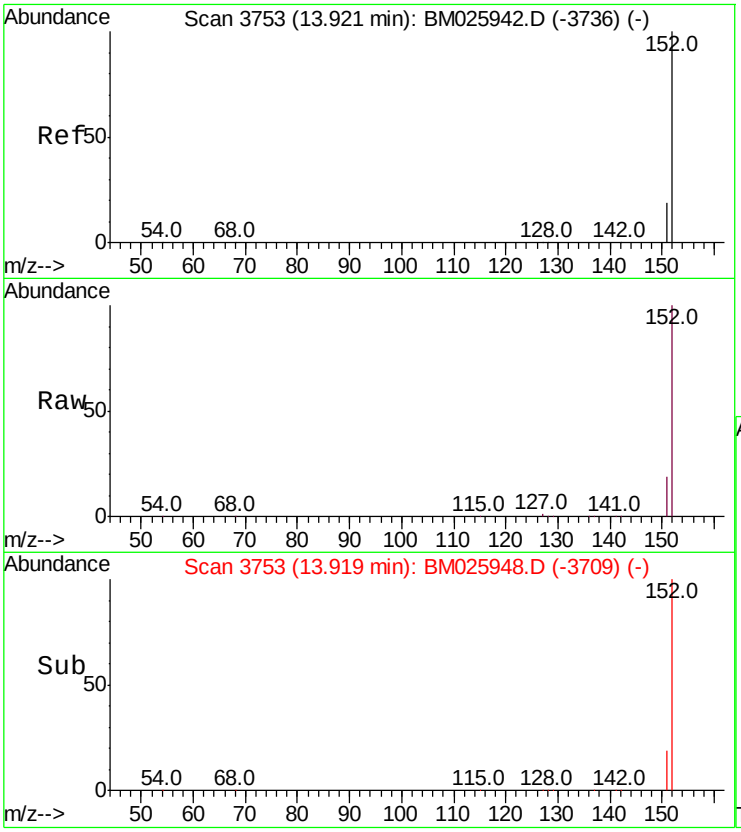


#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.00 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:142 Resp: 1037

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.0	103.6

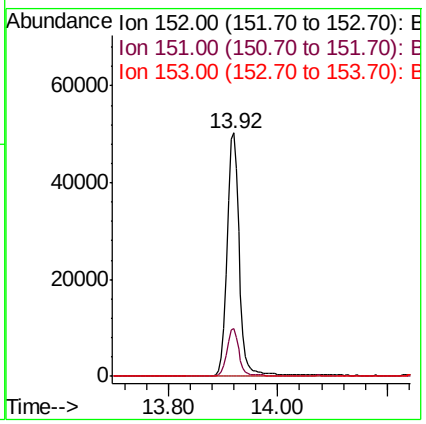




#7
Acenaphthylene
Concen: 1.733 ng/ul
RT: 13.92 min Scan# 3753
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

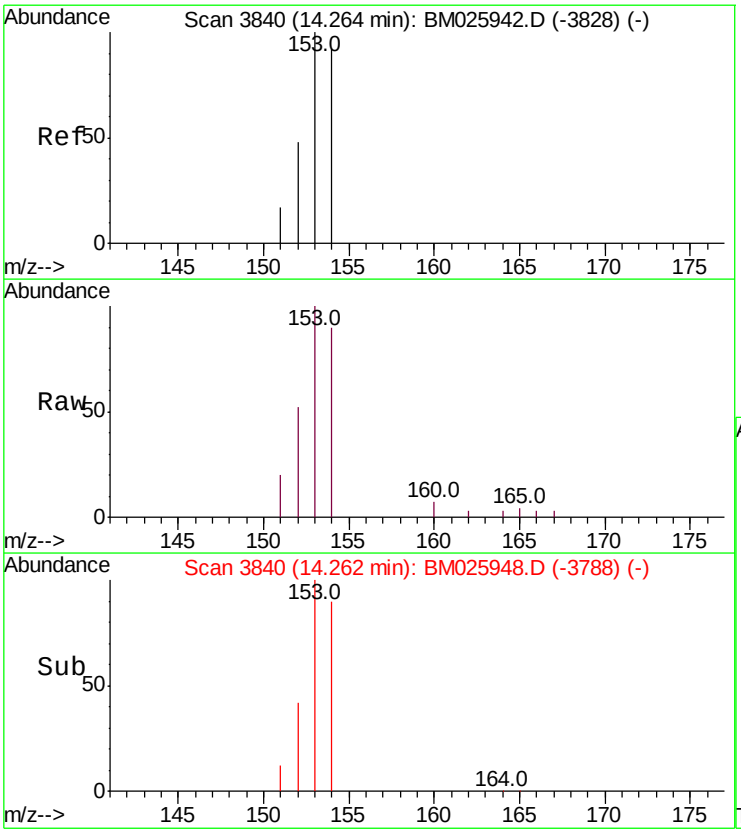
Tgt Ion:152 Resp: 73093

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
F3E07

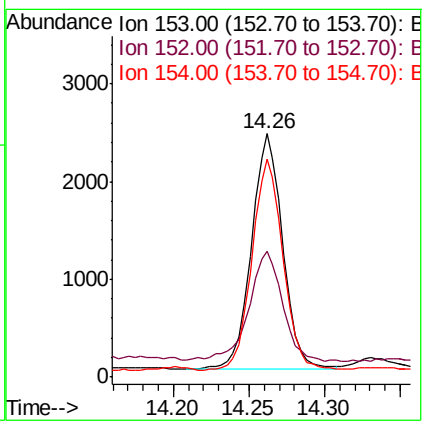
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

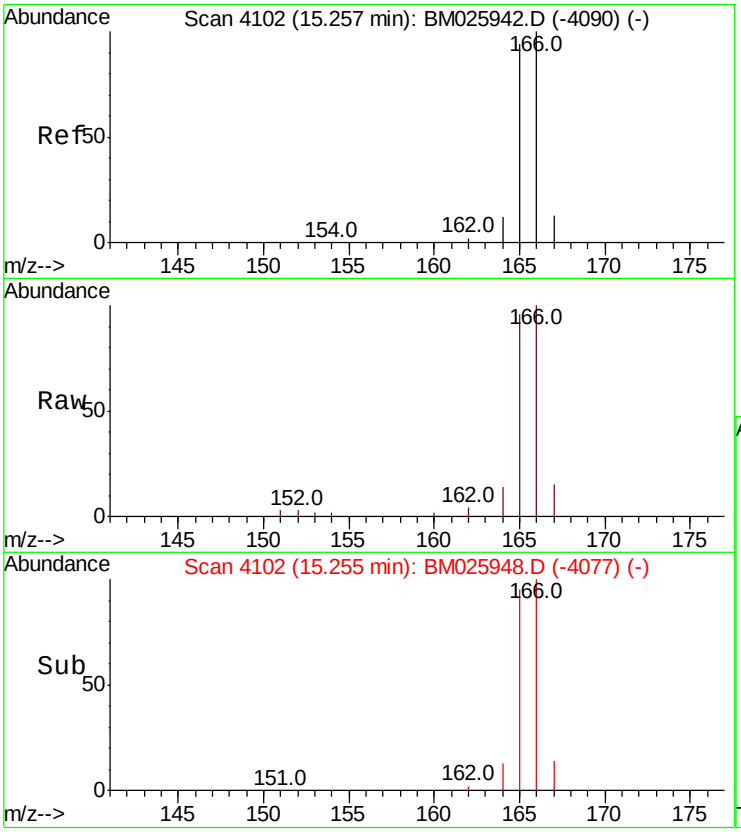


#8
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.26 min Scan# 3840
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:153 Resp: 3480

Ion	Ratio	Lower	Upper
153	100		
152	51.5	38.8	58.2
154	89.8	71.9	107.9

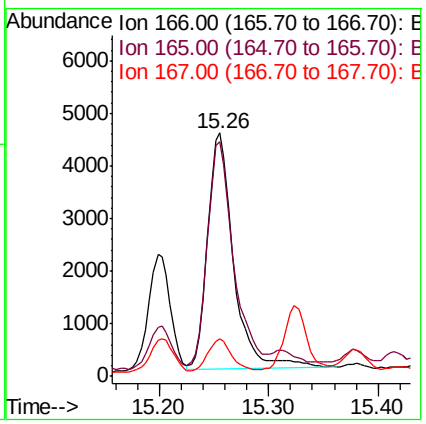




#9
Fluorene
Concen: 0.170 ng/ul
RT: 15.26 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

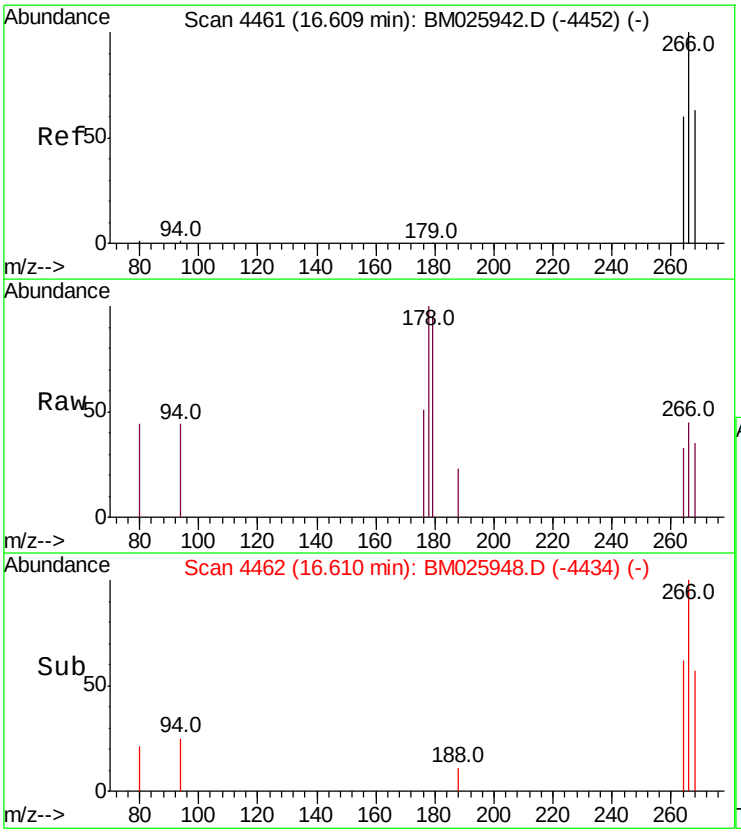
Tgt Ion:166 Resp: 7404

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.6	115.0
167	15.2	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
F3E07

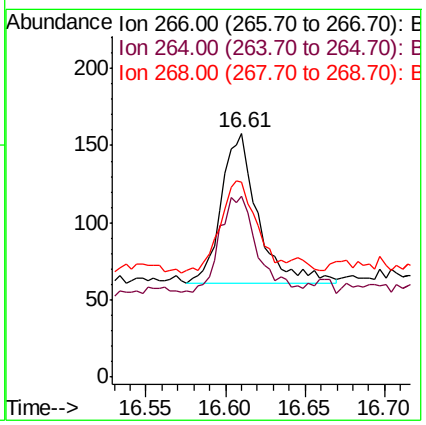
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

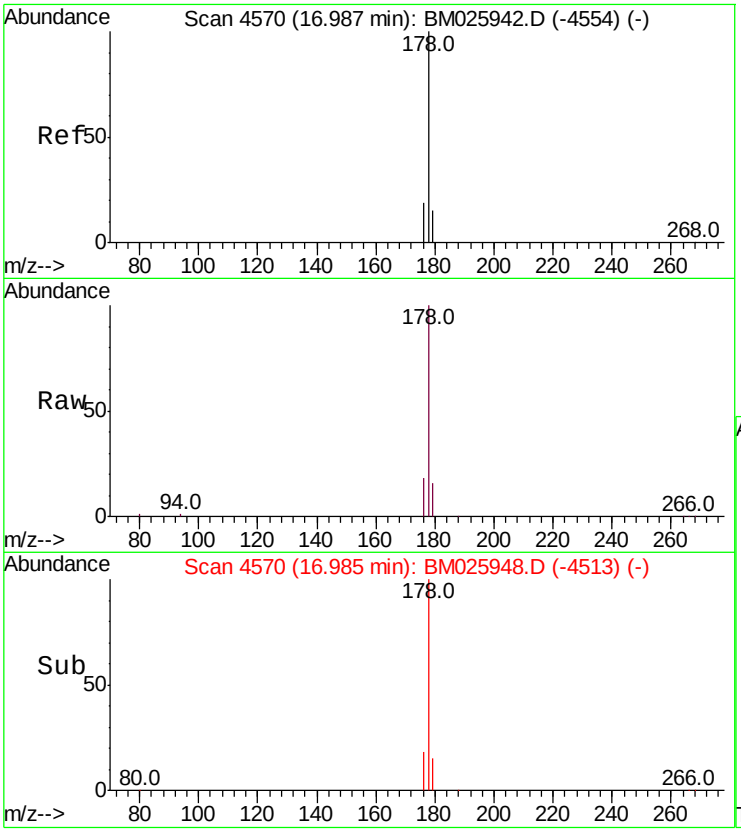


#11
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 16.61 min Scan# 4462
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:266 Resp: 154

Ion	Ratio	Lower	Upper
266	100		
264	66.9	48.4	72.6
268	70.1	48.7	73.1

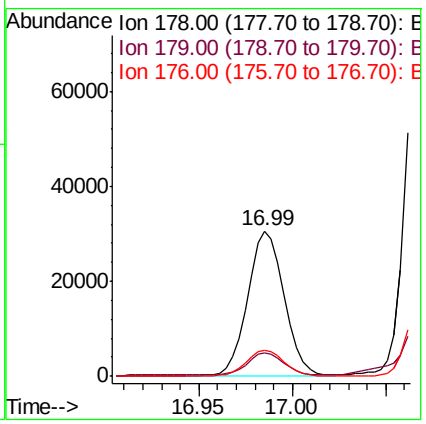




#12
Phenanthrene
Concen: 0.572 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

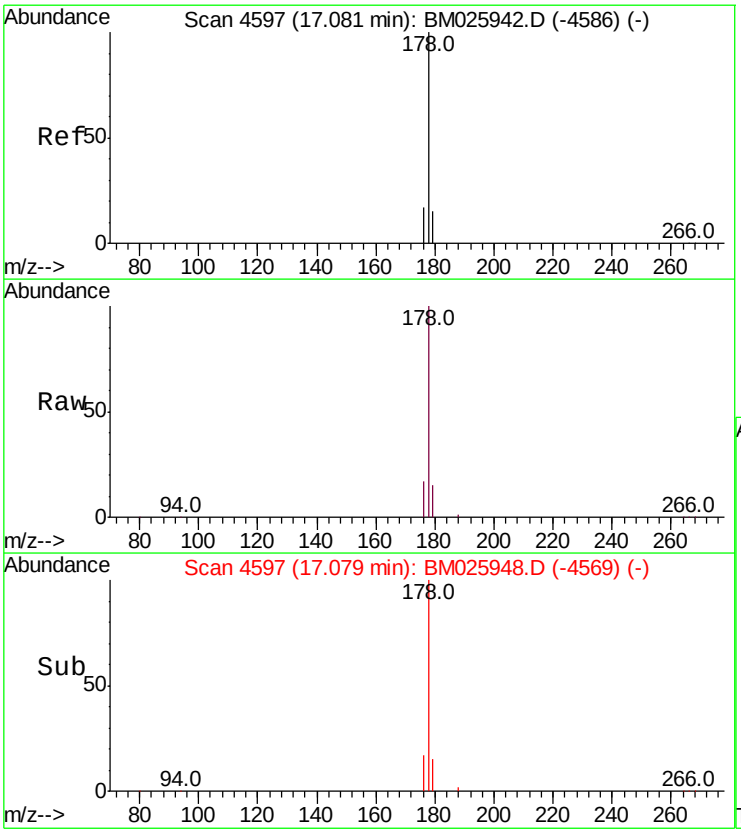
Tgt Ion:178 Resp: 41333

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.2	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
F3E07

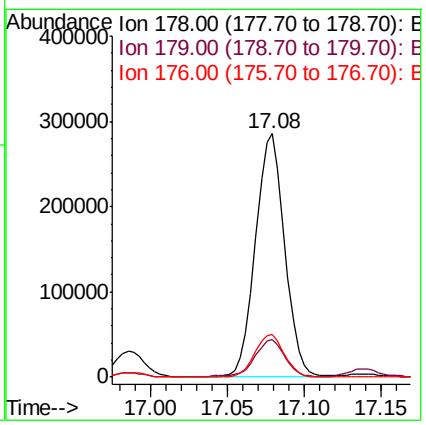
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

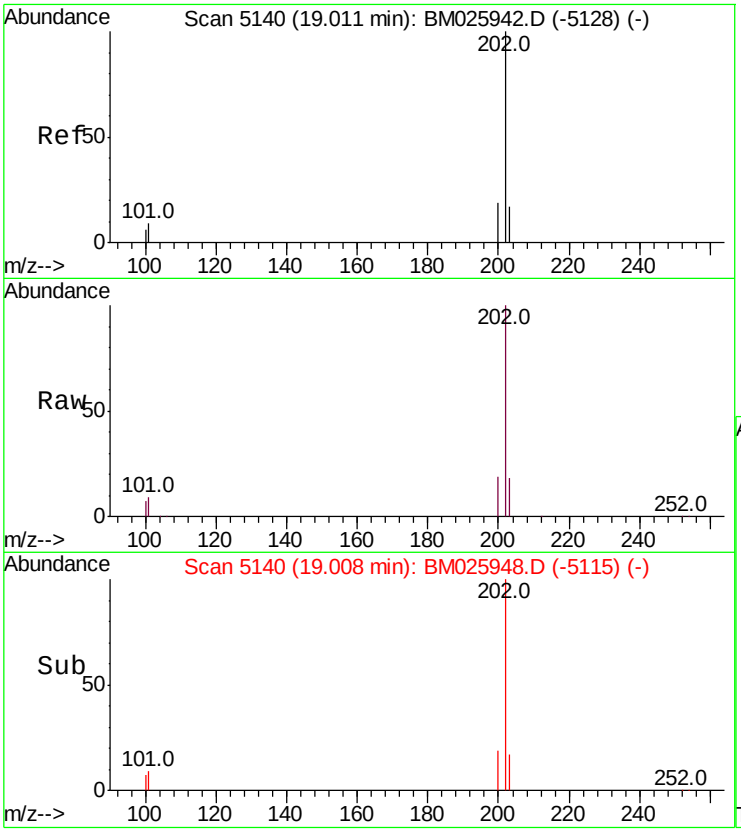


#13
Anthracene
Concen: 5.916 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:178 Resp: 377417

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.3	14.5	21.7

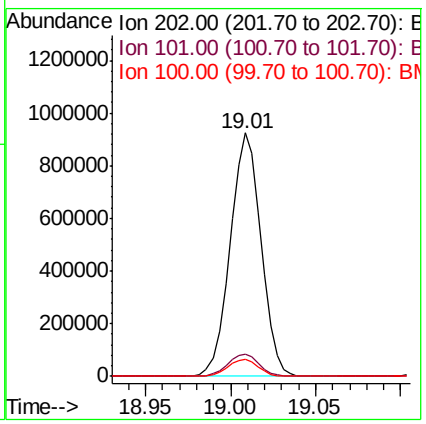




#15
Fluoranthene
Concen: 13.112 ng/ul
RT: 19.01 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

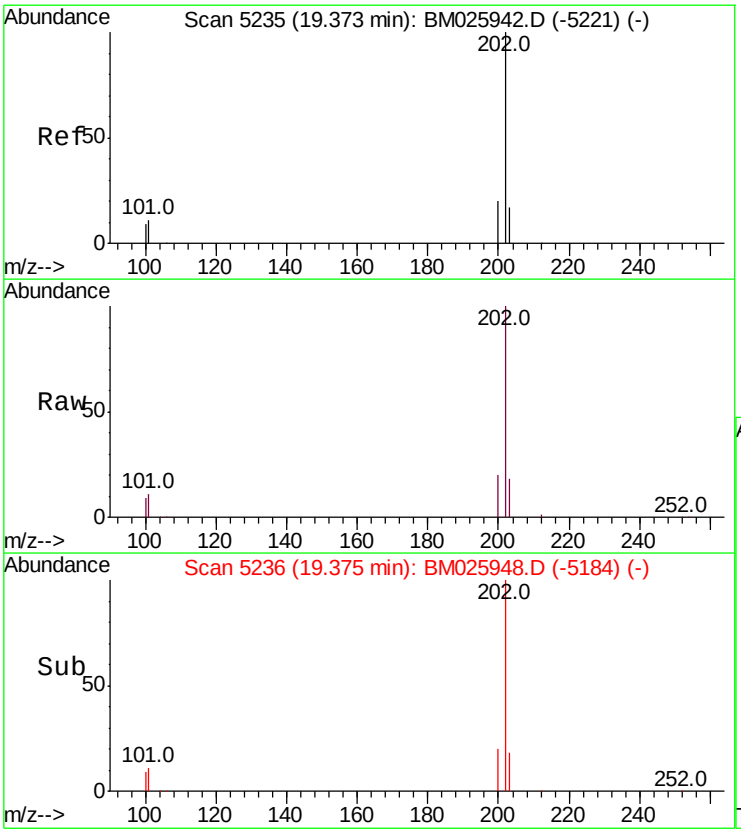
Tgt Ion:202 Resp: 1169980

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.6
100	7.0	0.0	27.0



Instrument :
BNA_M
ClientSampleId :
F3E07

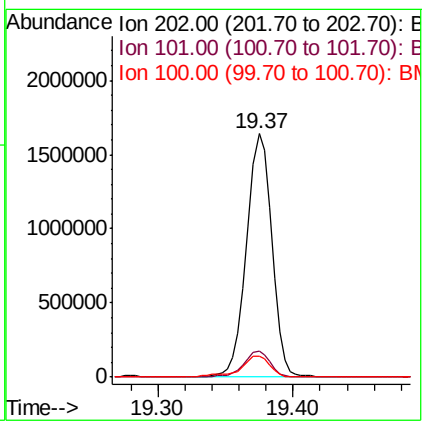
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

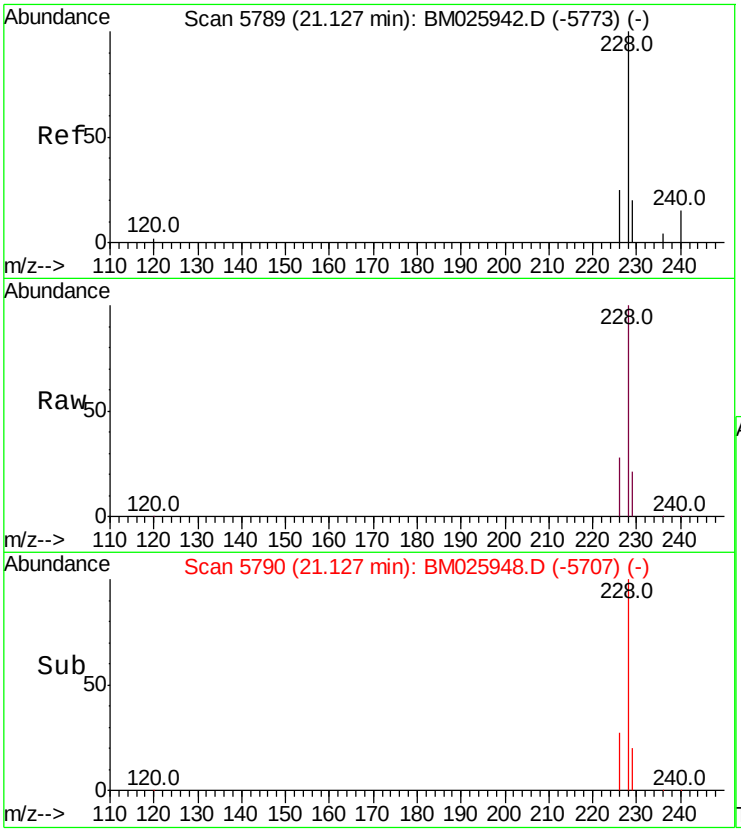


#17
Pyrene
Concen: 24.007 ng/ul
RT: 19.37 min Scan# 5236
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:202 Resp: 2073846

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.5	11.3
100	8.8	6.3	9.5

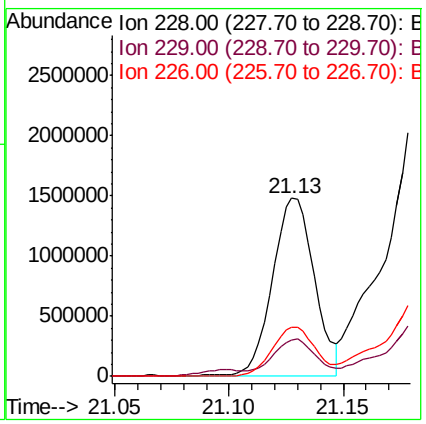




#18
Benzo(a)anthracene
Concen: 21.803 ng/ul
RT: 21.13 min Scan# 5790
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

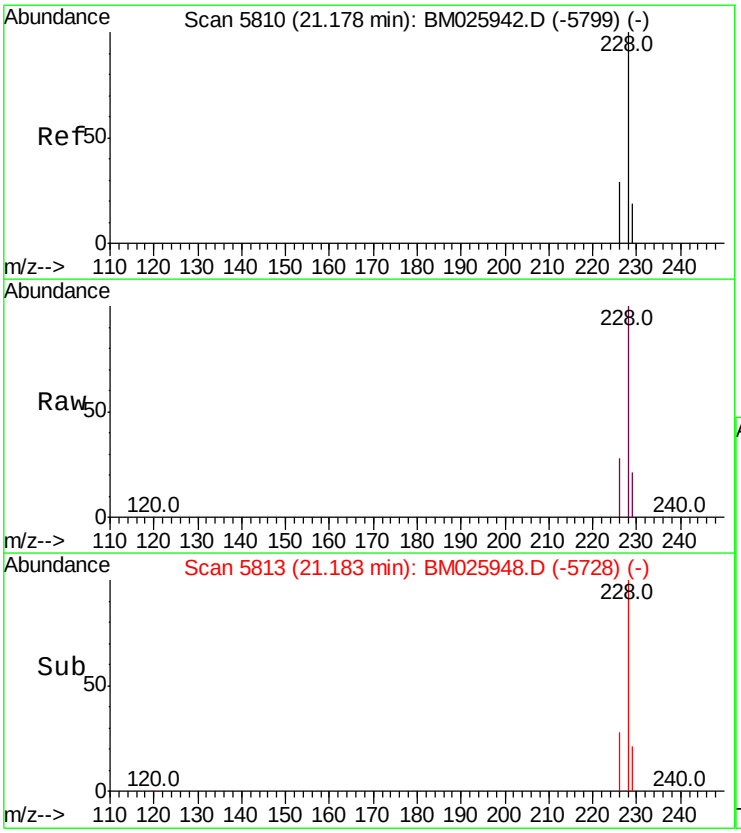
Tgt Ion:228 Resp: 1879927

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.7	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
F3E07

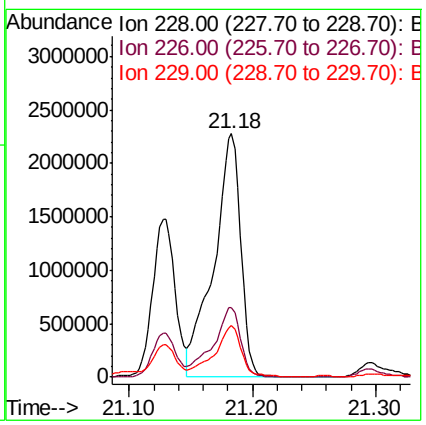
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

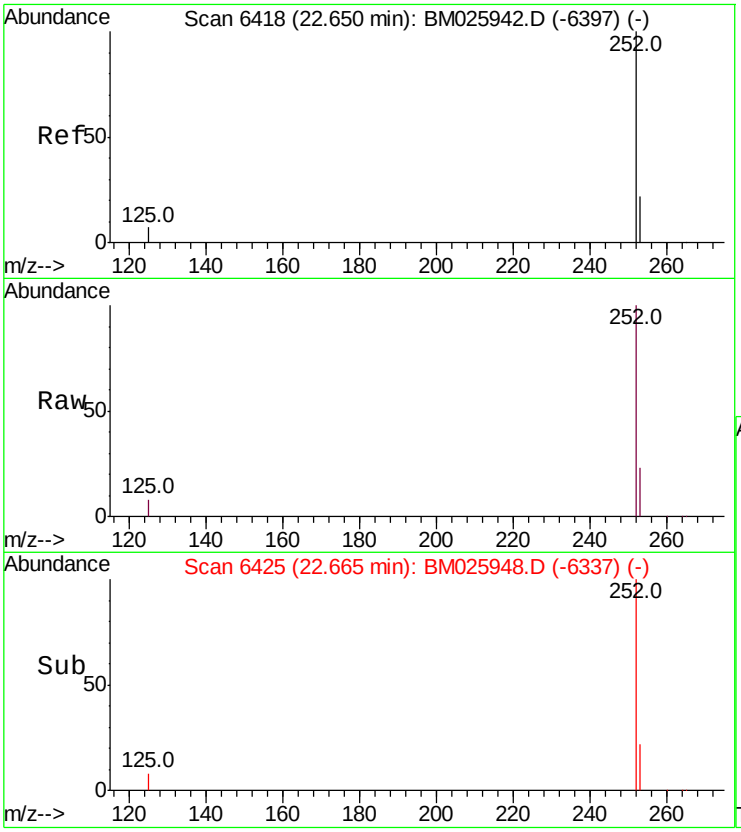


#19
Chrysene
Concen: 36.481 ng/ul
RT: 21.18 min Scan# 5813
Delta R.T. 0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:228 Resp: 3433126

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.9	34.3
229	21.0	15.8	23.8

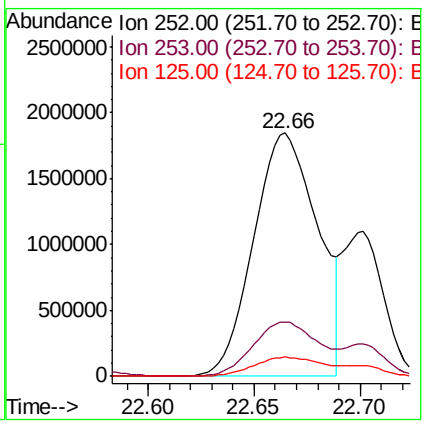




#21
Benzo(b)fluoranthene
Concen: 39.308 ng/ul m
RT: 22.66 min Scan# 6425
Delta R.T. 0.01 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

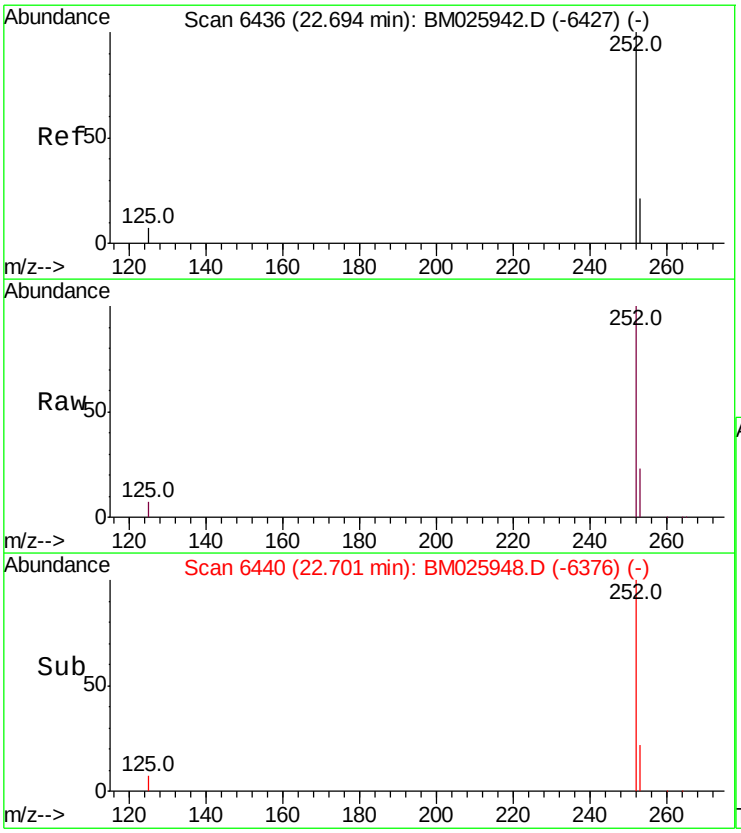
Tgt Ion:252 Resp: 3899868

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	46.6
125	7.9	0.0	15.4



Instrument :
BNA_M
ClientSampleId :
F3E07

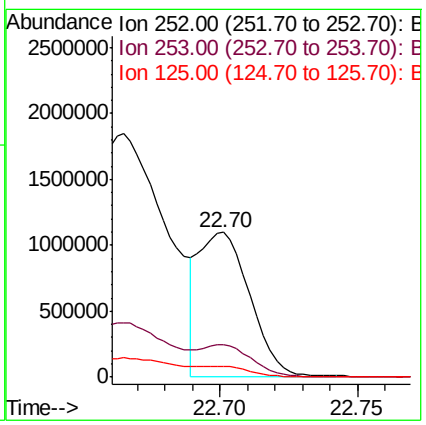
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

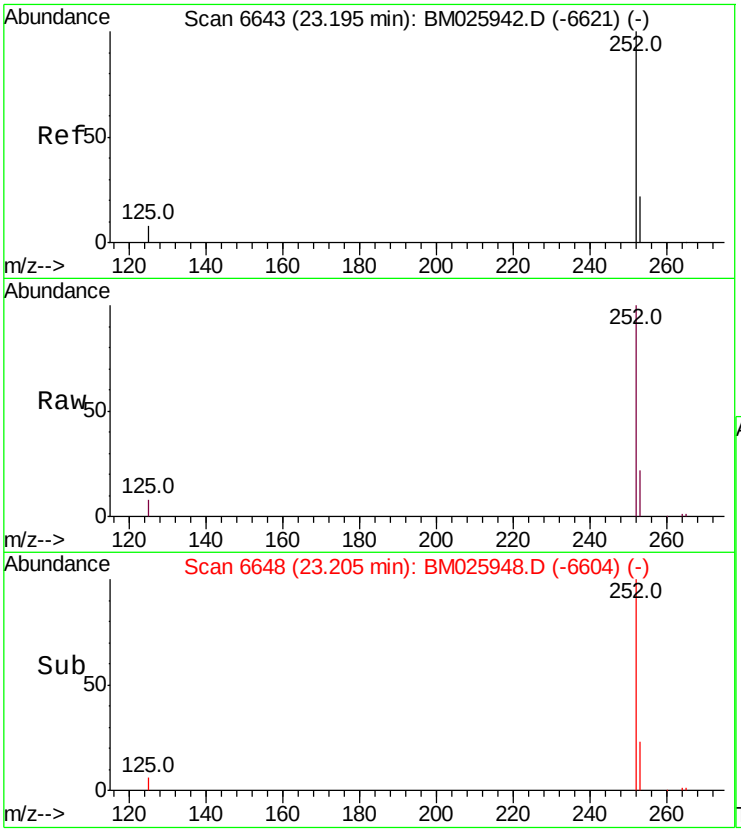


#22
Benzo(k)fluoranthene
Concen: 13.453 ng/ul m
RT: 22.70 min Scan# 6440
Delta R.T. 0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:252 Resp: 1431151

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	7.5	6.7	10.1

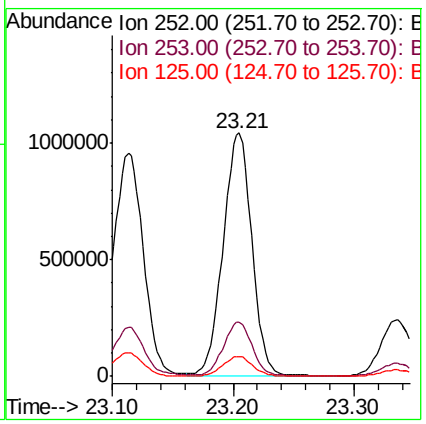




#23
Benzo(a)pyrene
Concen: 19.295 ng/ul
RT: 23.21 min Scan# 6648
Delta R.T. 0.01 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

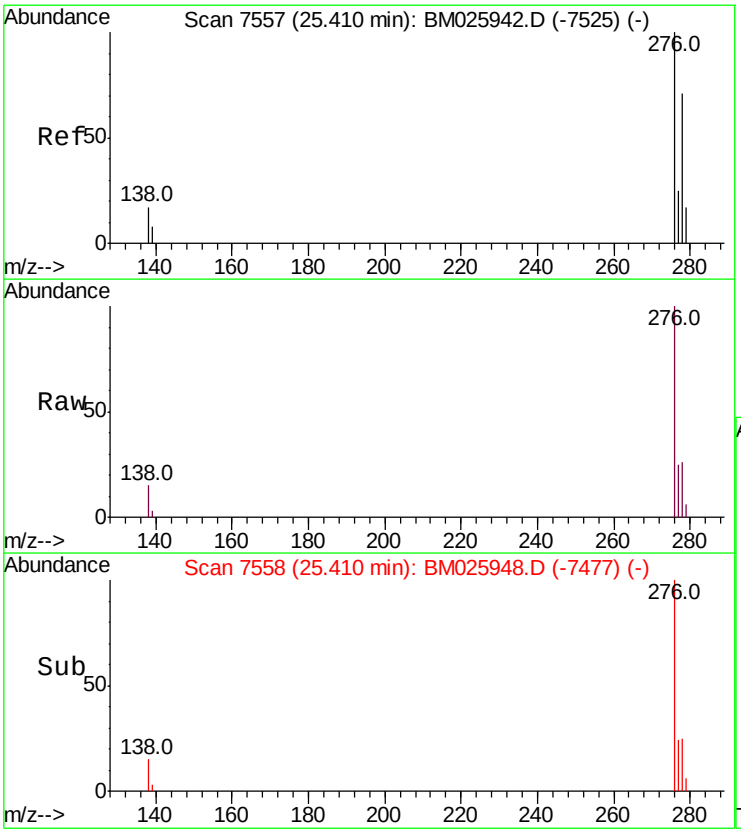
Tgt Ion:252 Resp: 1710750

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	8.2	7.4	11.0



Instrument :
BNA_M
ClientSampleId :
F3E07

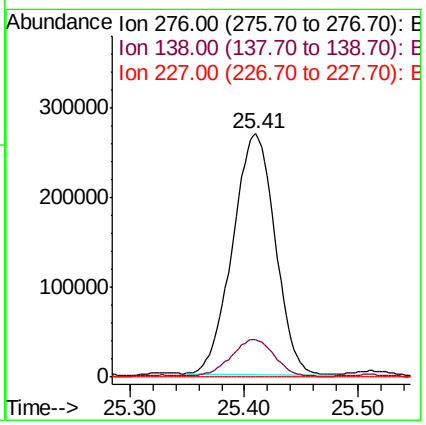
Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

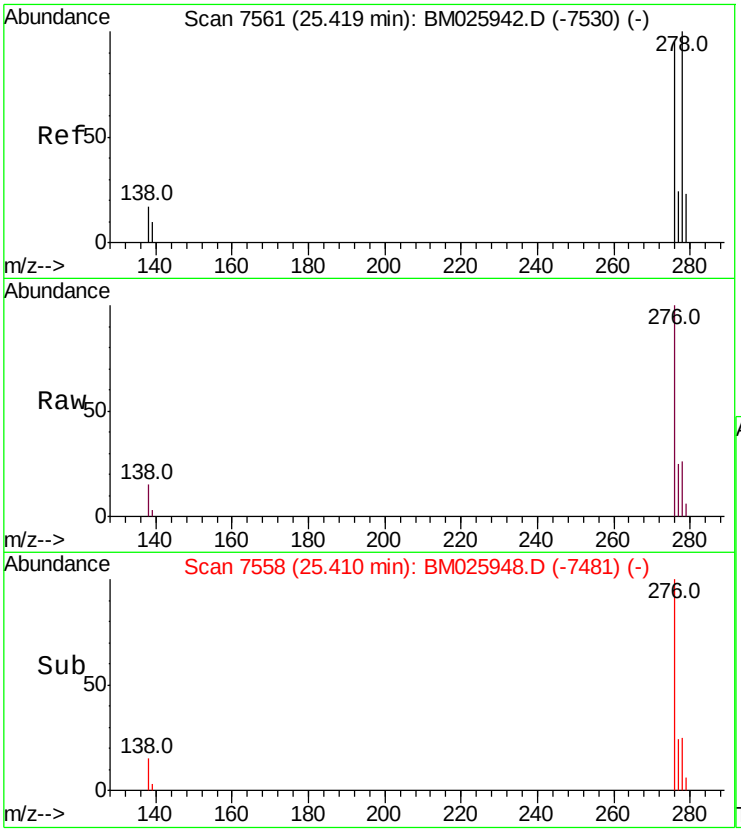


#24
Indeno(1,2,3-cd)pyrene
Concen: 5.859 ng/ul
RT: 25.41 min Scan# 7558
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:276 Resp: 695660

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	19.0
227	0.0	0.0	0.0





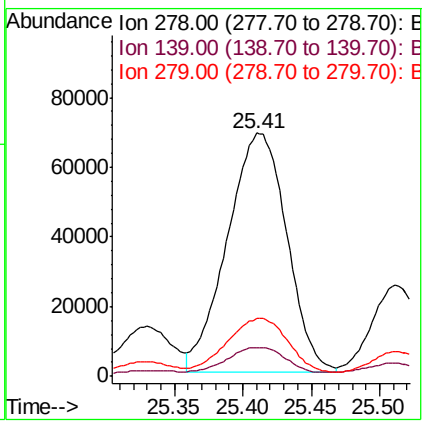
#25
Dibenzo(a,h)anthracene
Concen: 2.094 ng/ul
RT: 25.41 min Scan# 7558
Delta R.T. -0.01 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

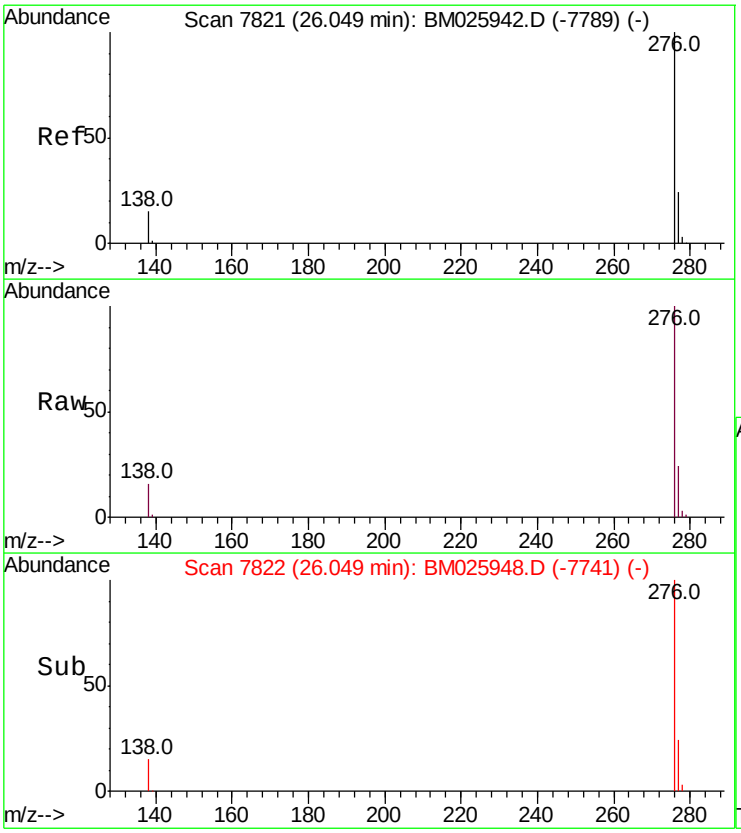
Instrument :
BNA_M
ClientSampleId :
F3E07

Manual Integrations APPROVED
mohammad
4/7/2020 8:28:40 AM

Tgt Ion:278 Resp: 207583

Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.9	13.3
279	23.9	20.0	30.0





#26
Benzo(g,h,i)perylene
Concen: 3.818 ng/ul
RT: 26.05 min Scan# 7822
Delta R.T. -0.00 min
Lab File: BM025948.D
Acq: 06 Apr 2020 16:15

Tgt Ion:276 Resp: 383547

Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.8	17.8
277	23.9	19.2	28.8