Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 08 08:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BENZ4

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8769	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	21108	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51836m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	30483m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28701m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	12519	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	32214m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	9939	0.098	ng/ul	98
5) 2-Methylnaphthalene	11.91	142	4827	0.064	ng/ul	99
7) Acenaphthylene	13.83	152	24753	0.202	ng/ul	99
8) Acenaphthene	14.18	153	16805	0.201	ng/ul	100
9) Fluorene	15.17	166	20869	0.206	ng/ul	99
12) Phenanthrene	16.90	178	547941m	3.317	ng/ul	
13) Anthracene	16.99	178	85840m	0.508	ng/ul	
15) Fluoranthene	18.93	202	1596394m	7.774	ng/ul	
17) Pyrene	19.29	202	1348177	9.907	ng/ul	98
18) Benzo(a)anthracene	21.06	228	544802m	4.069	ng/ul	
19) Chrysene	21.11	228	685772	5.469	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	878637m	7.551	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	275279m	2.441	ng/ul	
23) Benzo(a)pyrene	23.12	252	548157m	5.003	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	442859	3.750	ng/ul	99
25) Dibenzo(a,h)anthracene	25.32	278	97622m	1.035	ng/ul	
26) Benzo(g,h,i)perylene	25.94	276	459970m	4.643	ng/ul	

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

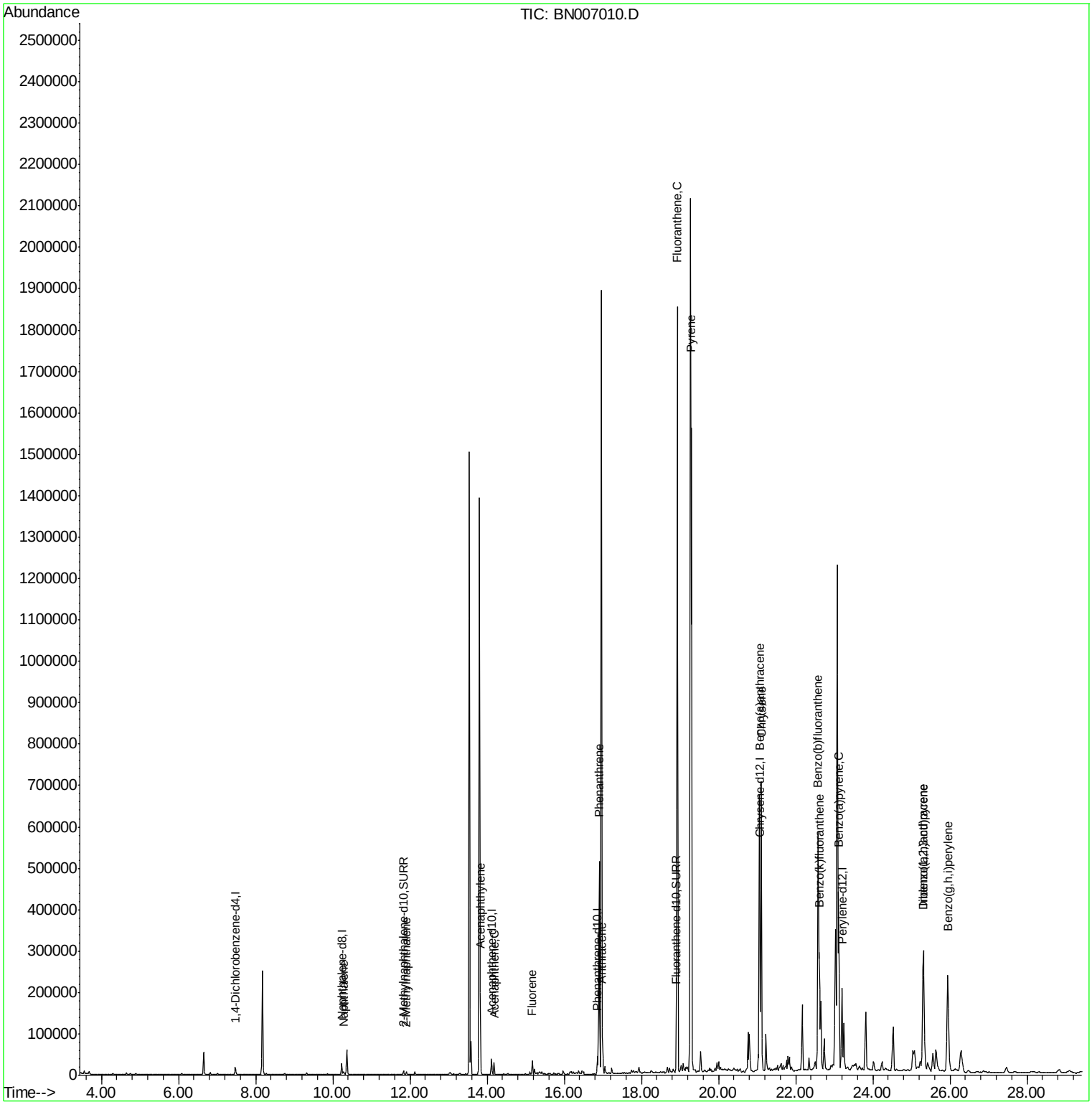
Quantitation Report (QT Reviewed)

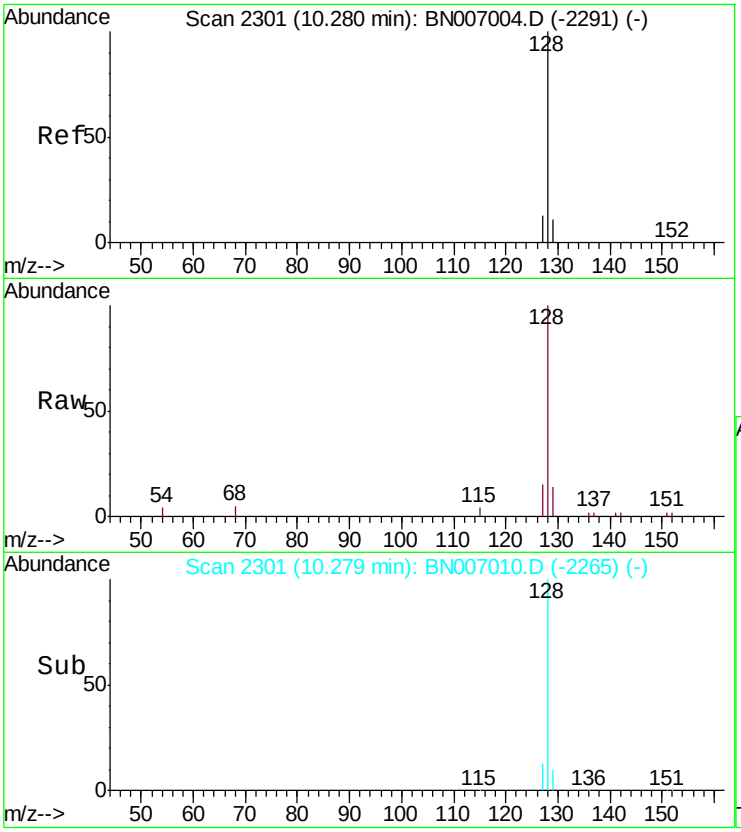
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007010.D
Acq On : 08 Aug 2019 05:40
Operator : HP/JU
Sample : K3962-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 08 08:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

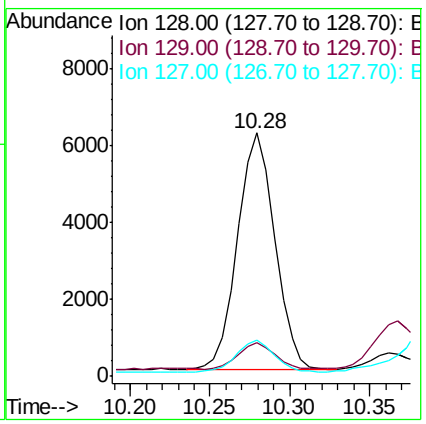




#3
Naphthalene
Concen: 0.098 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

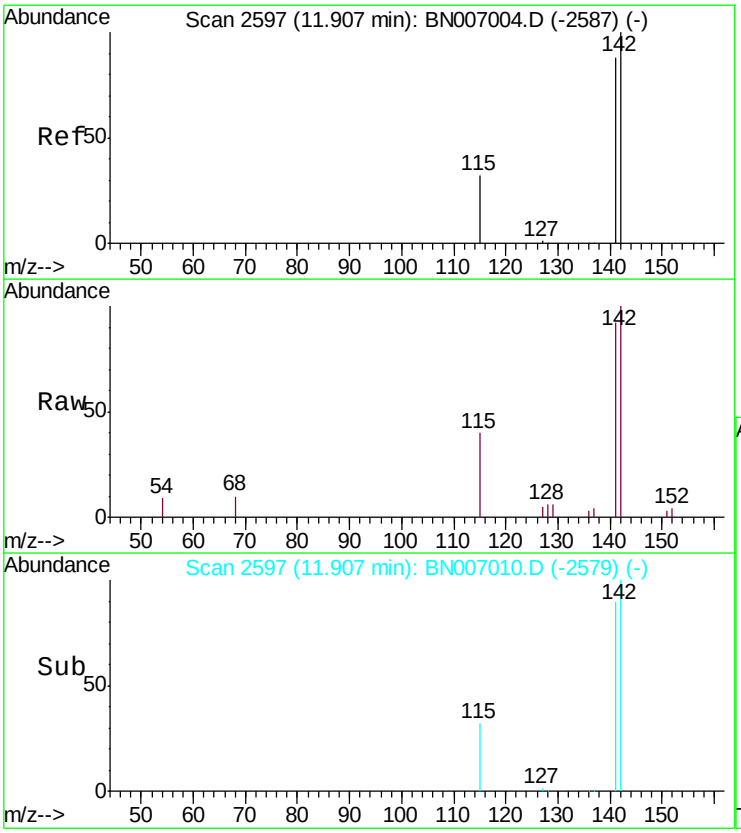
Tgt Ion:128 Resp: 9939

Ion	Ratio	Lower	Upper
128	100		
129	13.7	10.0	15.0
127	14.8	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BENZ4

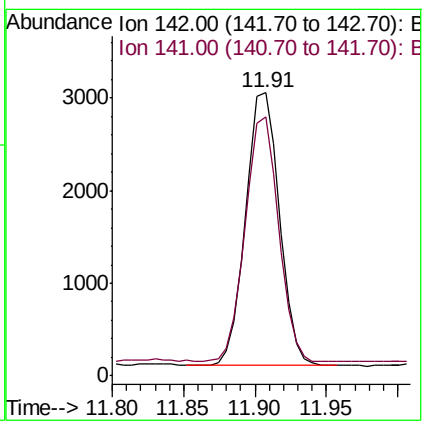
Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

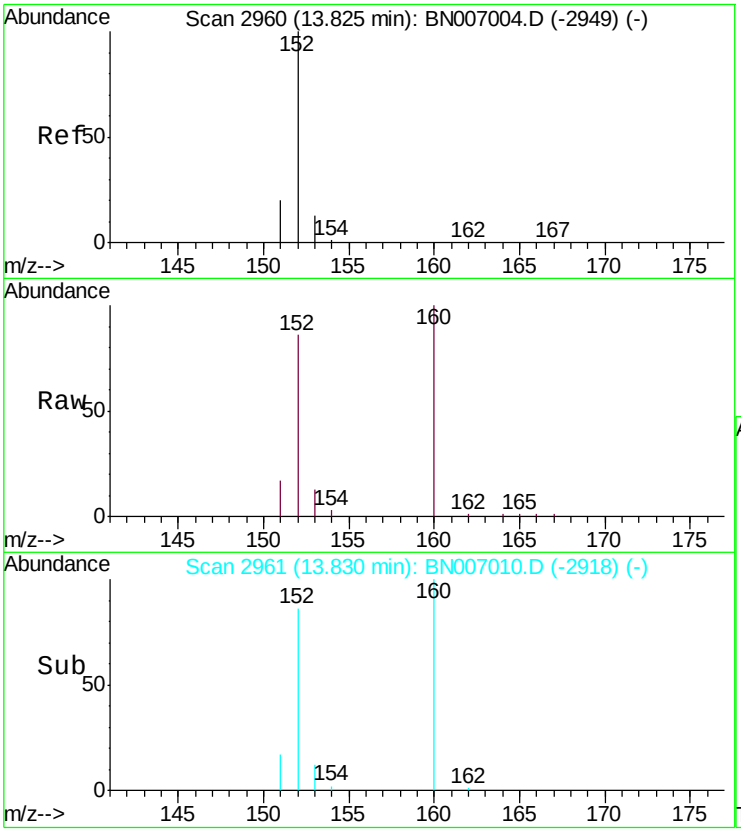


#5
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 11.91 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:142 Resp: 4827

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6

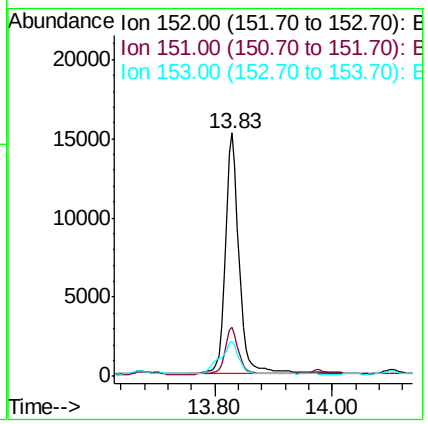




#7
Acenaphthylene
Concen: 0.202 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

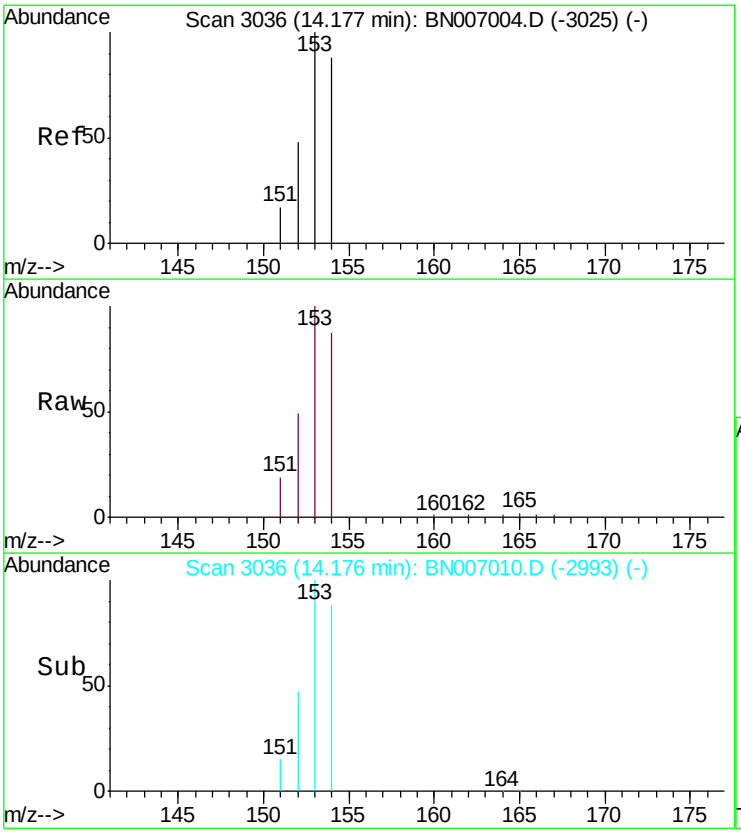
Tgt Ion:152 Resp: 24753

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	14.6	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BENZ4

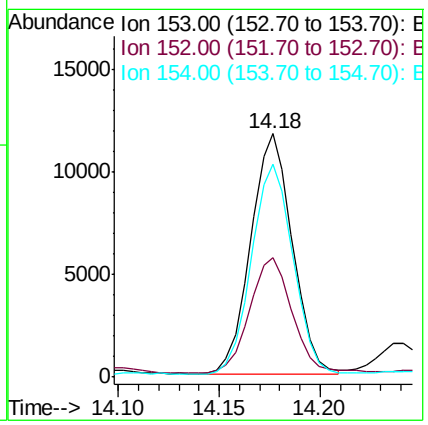
Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

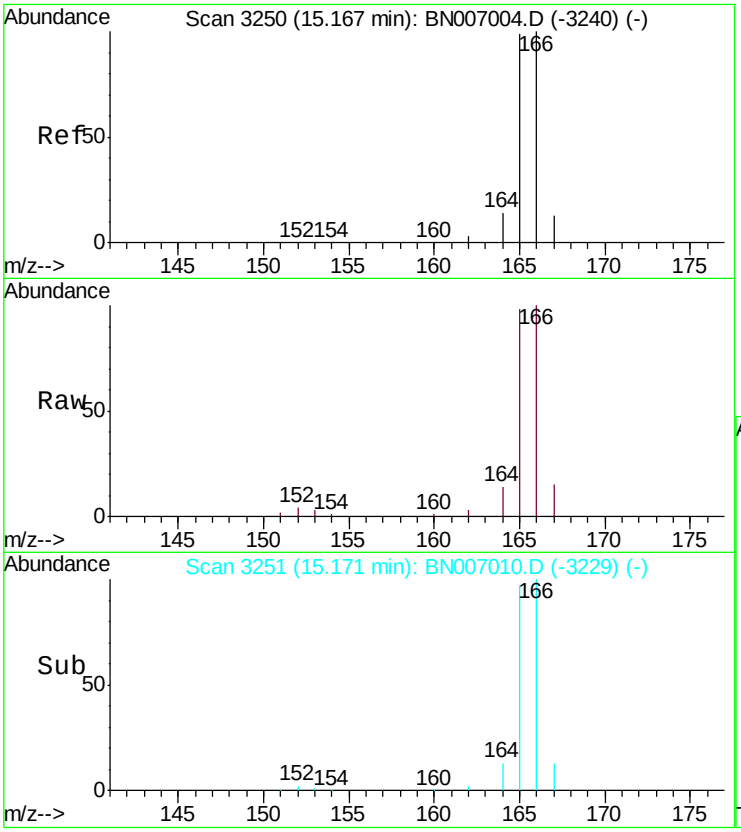


#8
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:153 Resp: 16805

Ion	Ratio	Lower	Upper
153	100		
152	49.1	39.4	59.2
154	87.5	70.1	105.1

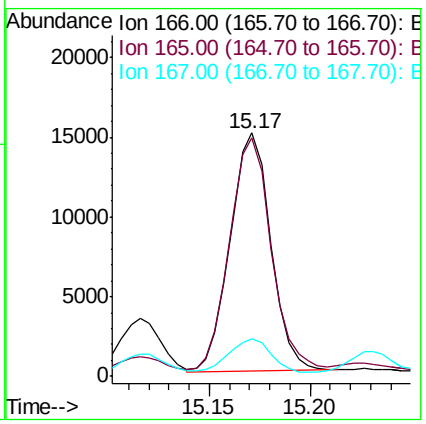




#9
Fluorene
Concen: 0.206 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

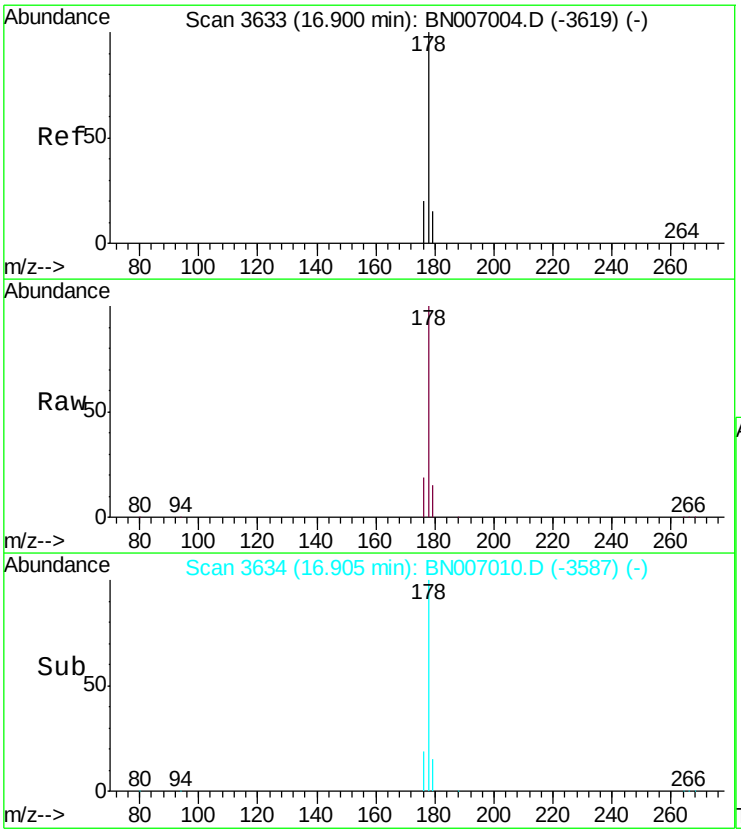
Tgt Ion:166 Resp: 20869

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	15.4	11.3	16.9



Instrument :
BNA_N
ClientSampleId :
BENZ4

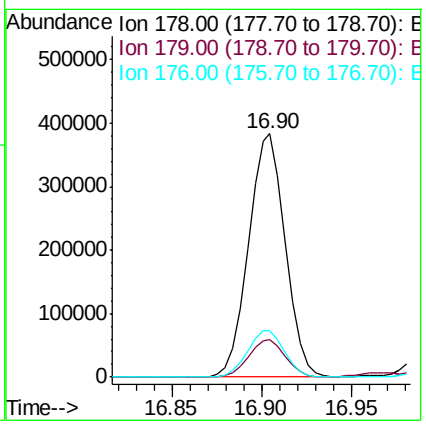
Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

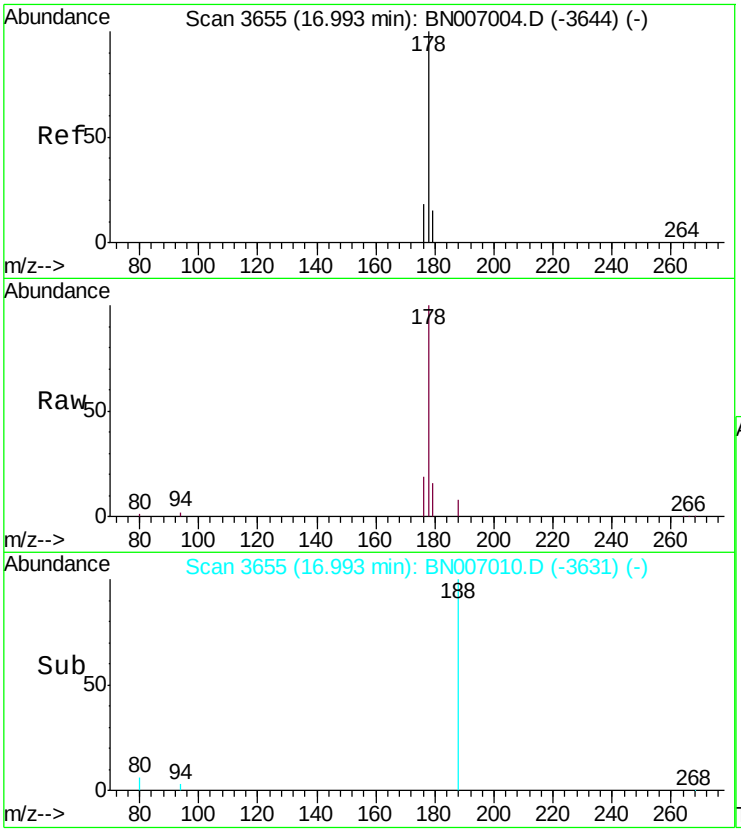


#12
Phenanthrene
Concen: 3.317 ng/ul m
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:178 Resp: 547941

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.9	15.6	23.4

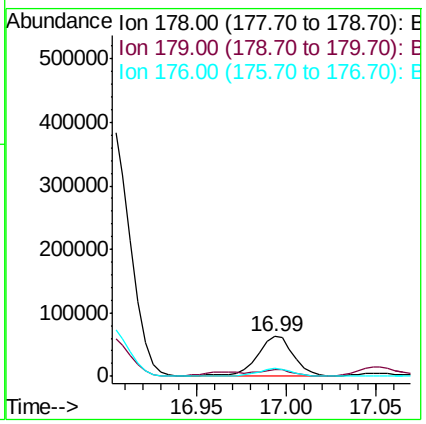




#13
Anthracene
Concen: 0.508 ng/ul m
RT: 16.99 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

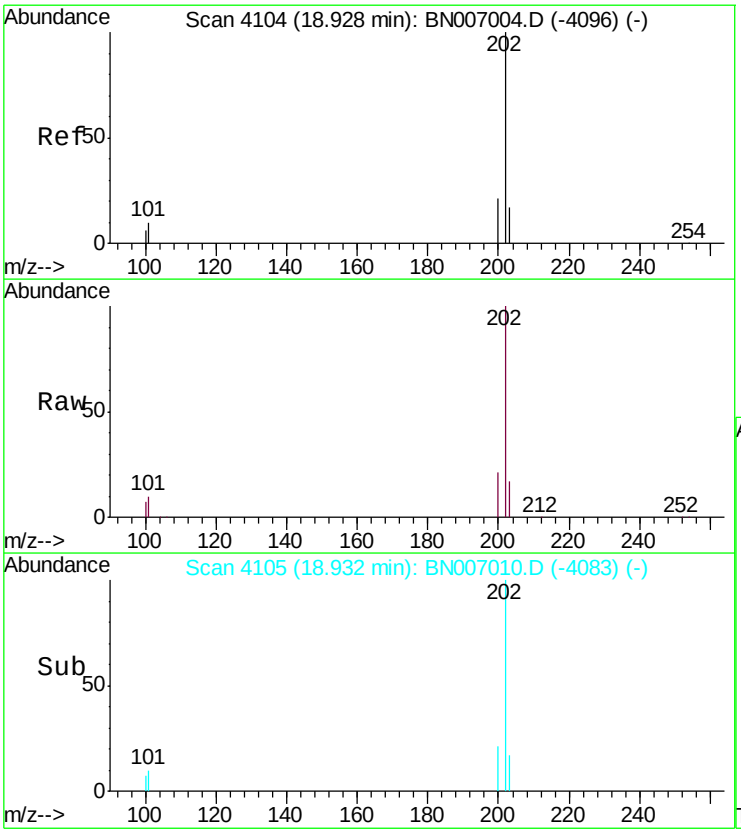
Tgt Ion:178 Resp: 85840

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	18.8
176	19.1	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
BENZ4

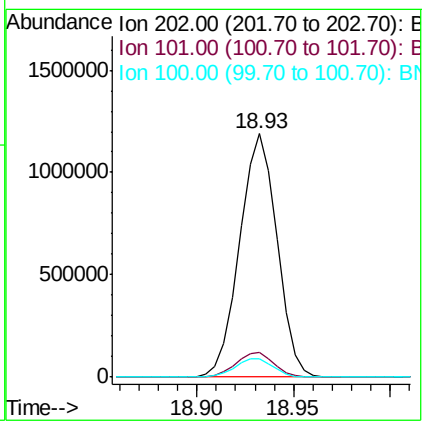
Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

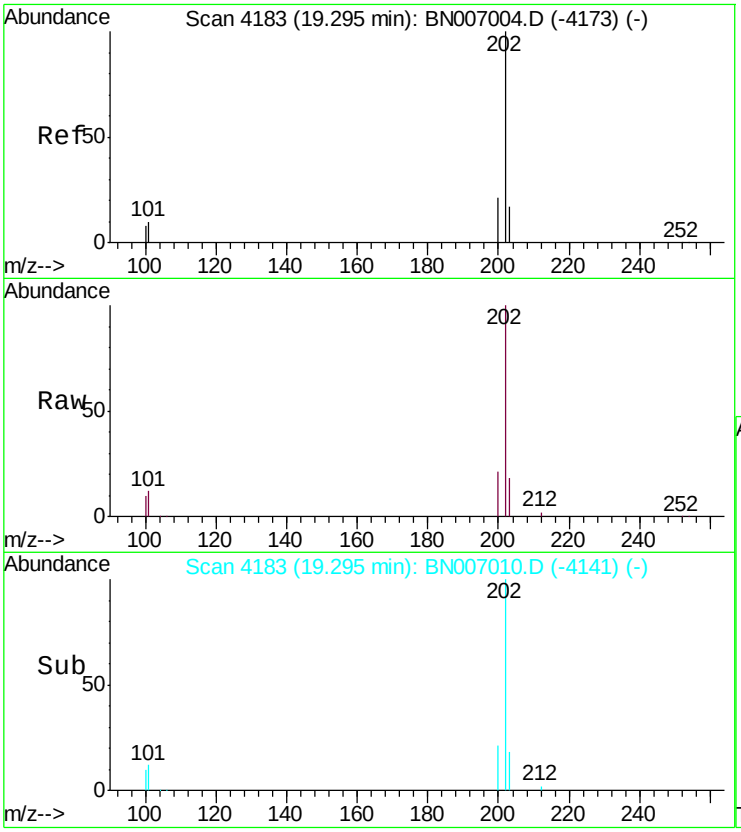


#15
Fluoranthene
Concen: 7.774 ng/ul m
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:202 Resp: 1596394

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.0
100	7.4	0.0	27.7





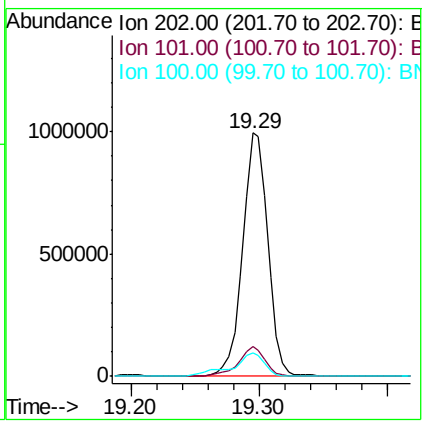
#17
Pyrene
Concen: 9.907 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

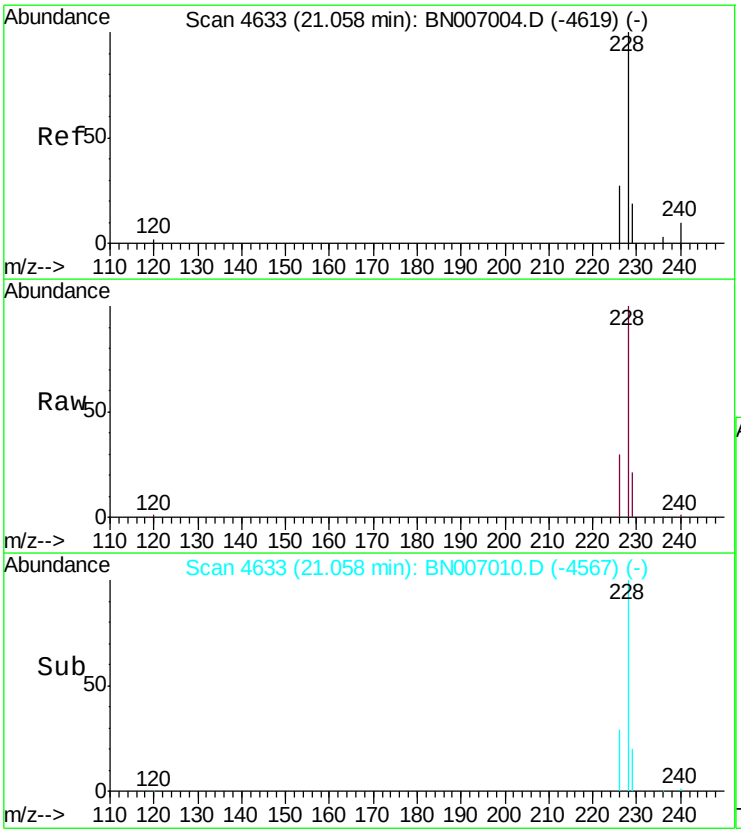
Tgt Ion:202 Resp: 1348177

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.8	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

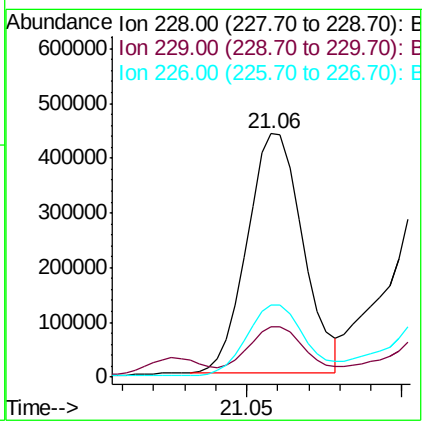


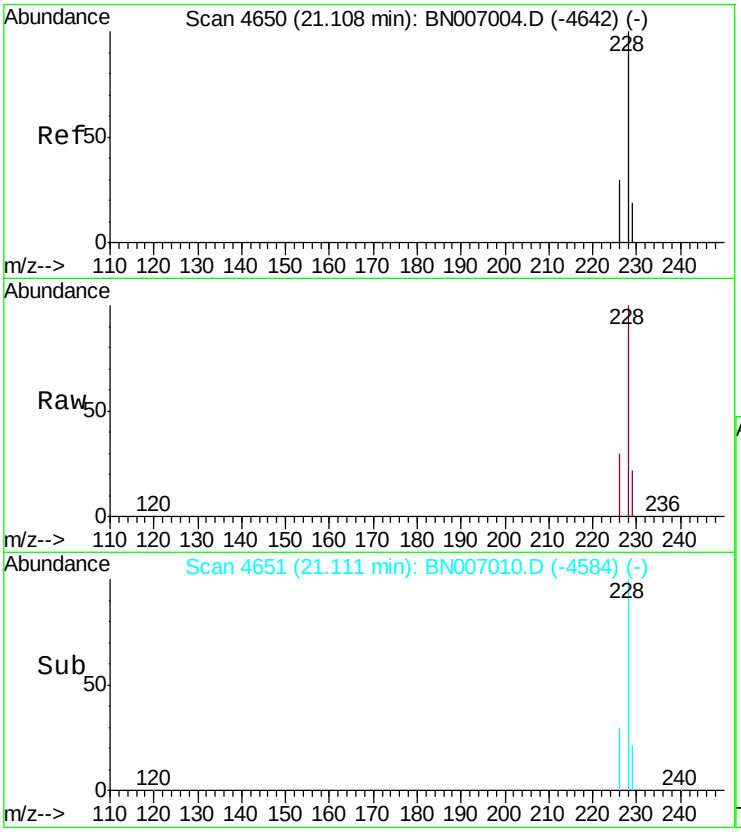


#18
Benzo(a)anthracene
Concen: 4.069 ng/ul m
RT: 21.06 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:228 Resp: 544802

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	29.6	22.2	33.4

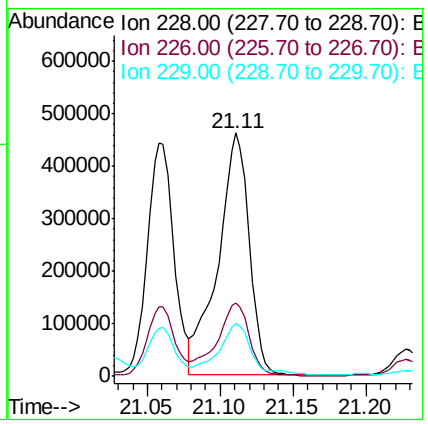




#19
Chrysene
Concen: 5.469 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

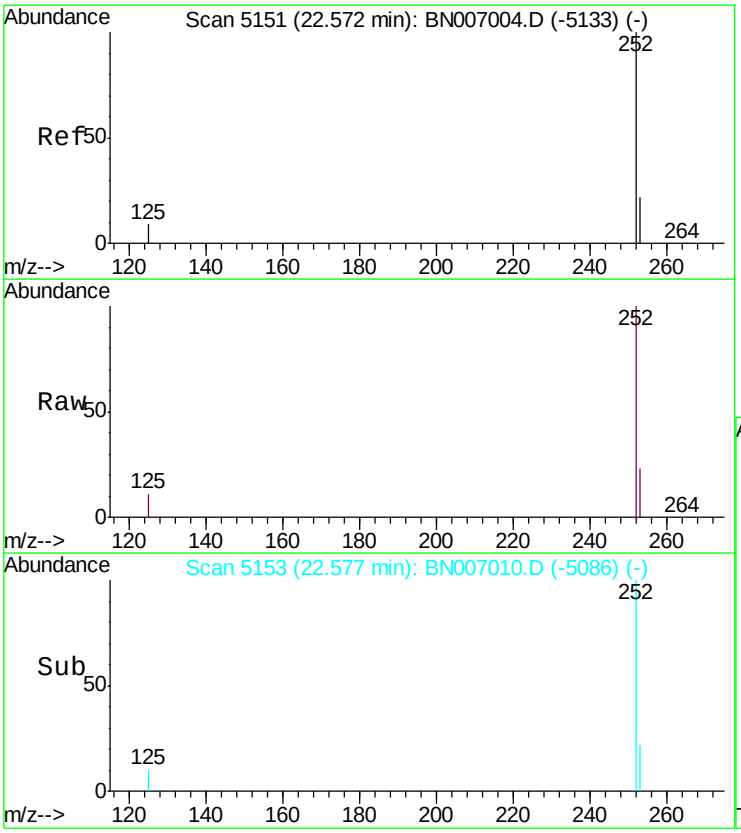
Tgt Ion:228 Resp: 685772

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	21.7	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
BENZ4

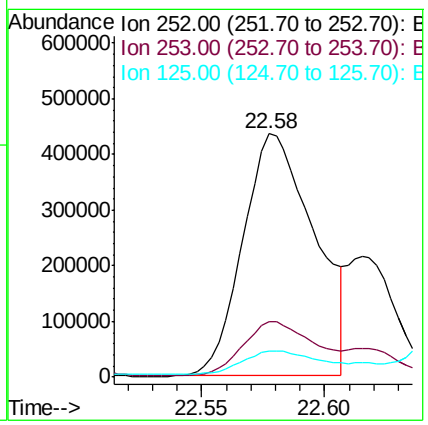
Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

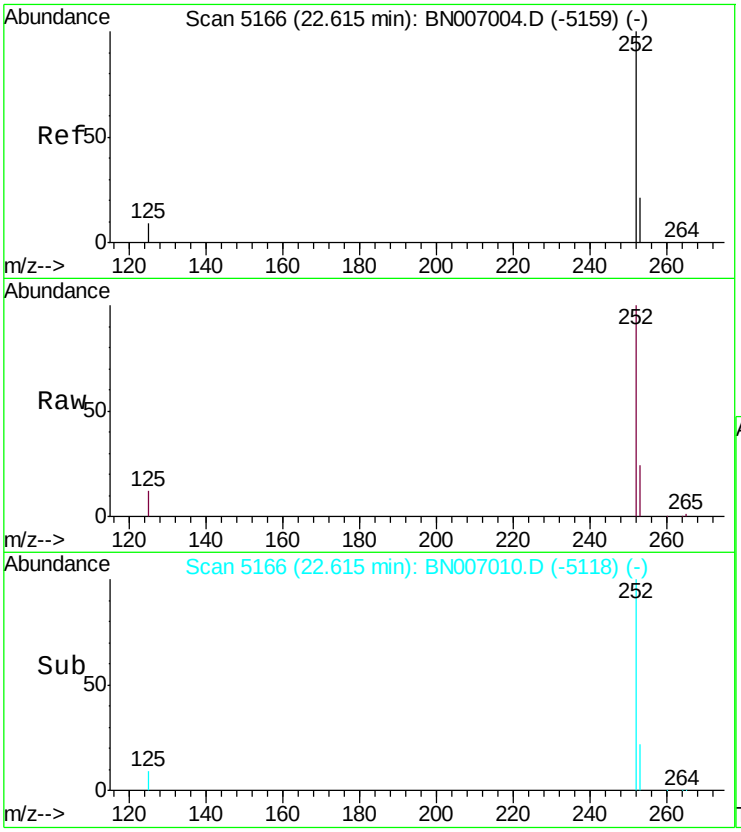


#21
Benzo(b)fluoranthene
Concen: 7.551 ng/ul m
RT: 22.58 min Scan# 5153
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:252 Resp: 878637

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	45.2
125	10.8	0.0	22.2

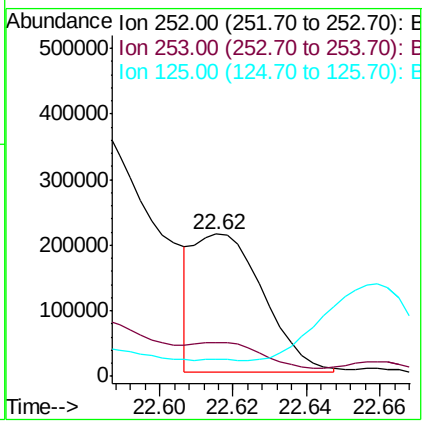




#22
Benzo(k)fluoranthene
Concen: 2.441 ng/ul m
RT: 22.62 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

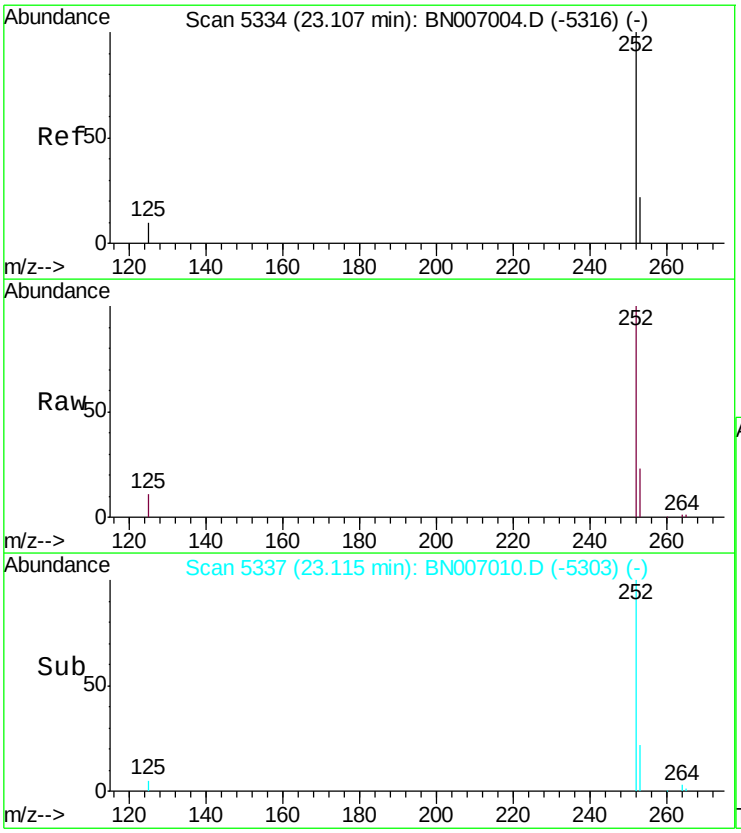
Tgt Ion:252 Resp: 275279

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	28.0
125	11.7	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BENZ4

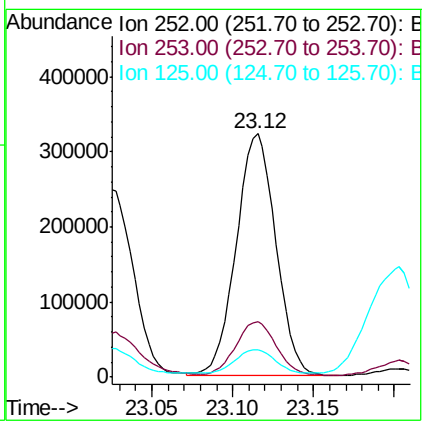
Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

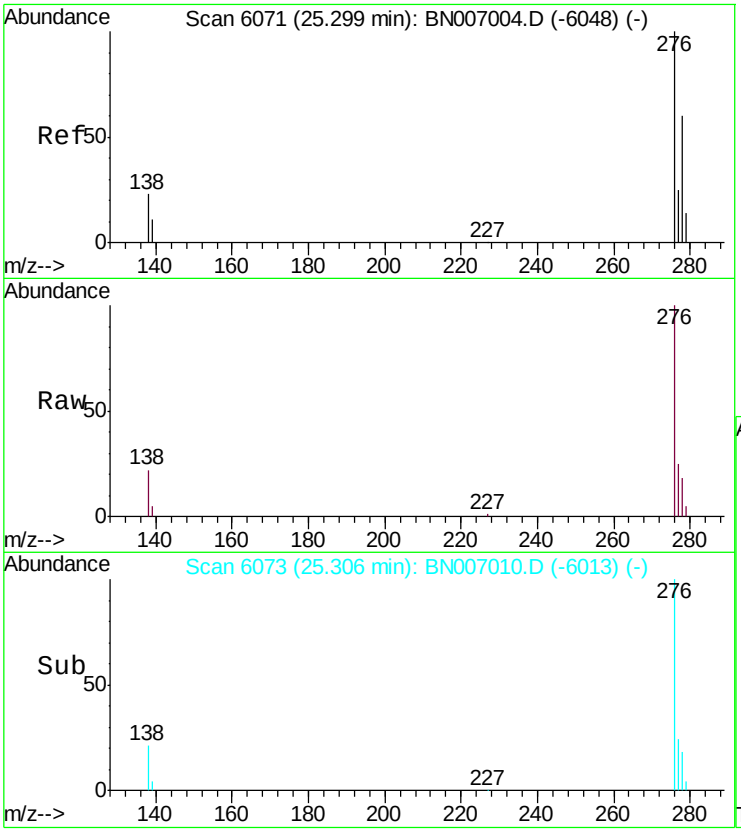


#23
Benzo(a)pyrene
Concen: 5.003 ng/ul m
RT: 23.12 min Scan# 5337
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:252 Resp: 548157

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.4	10.0	15.0





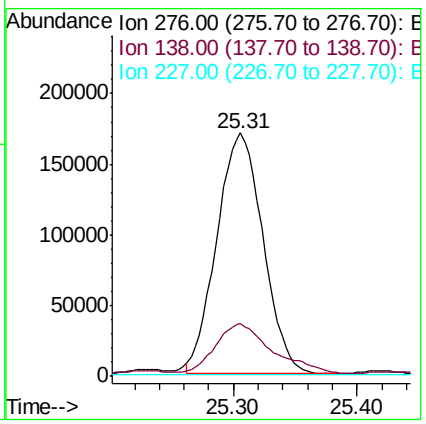
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.750 ng/ul
RT: 25.31 min Scan# 6073
Delta R.T. -0.00 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

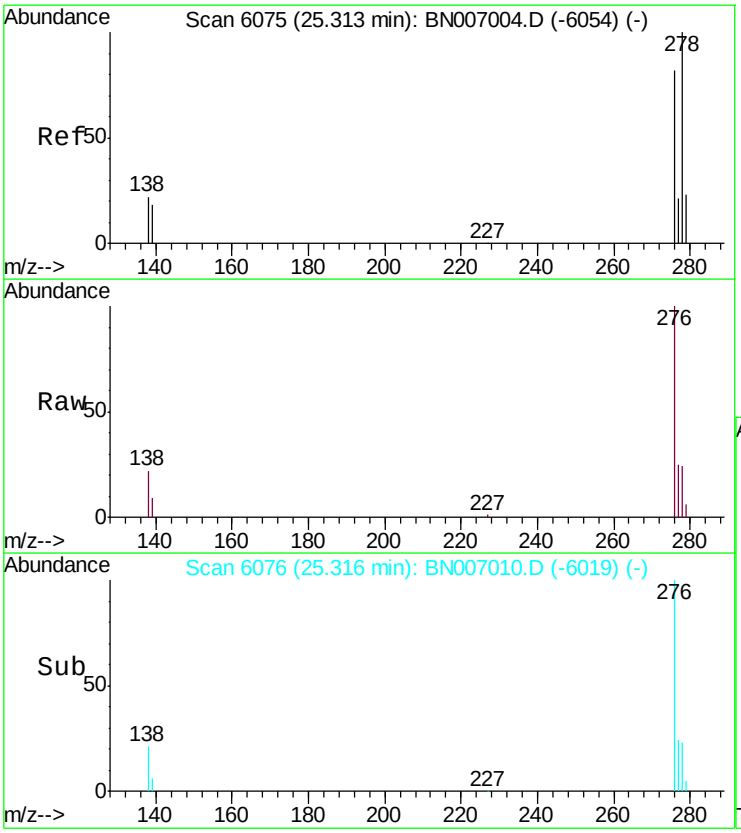
Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM

Tgt Ion:276 Resp: 442859

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
227	0.3	0.2	0.4

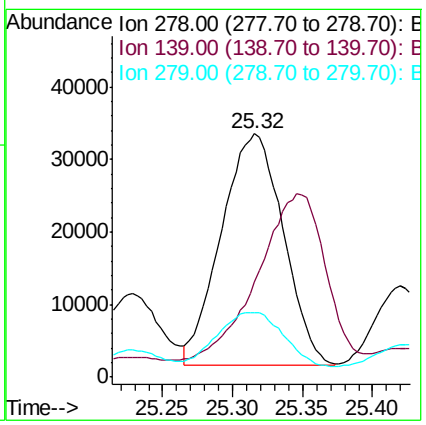


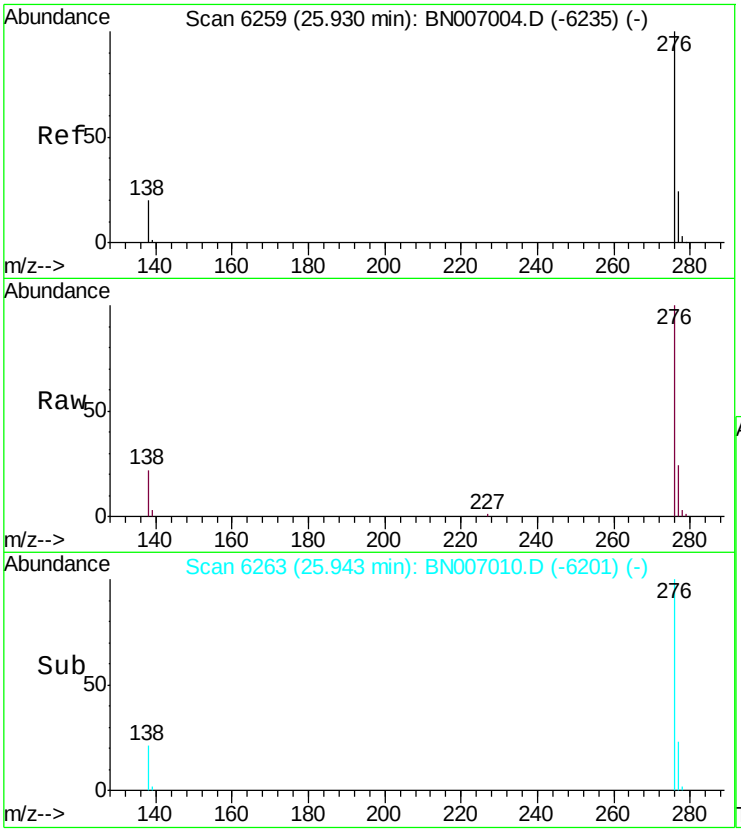


#25
Dibenzo(a,h)anthracene
Concen: 1.035 ng/ul m
RT: 25.32 min Scan# 6076
Delta R.T. -0.01 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:278 Resp: 97622

Ion	Ratio	Lower	Upper
278	100		
139	39.1	14.3	21.5#
279	26.7	19.6	29.4

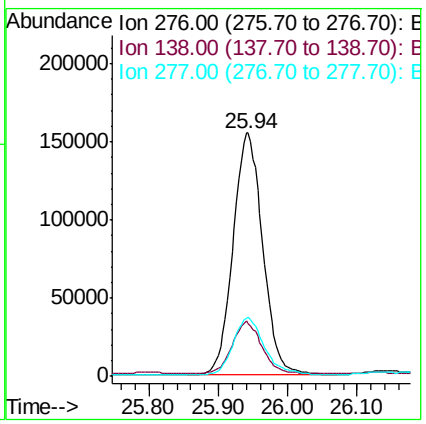




#26
Benzo(g,h,i)perylene
Concen: 4.643 ng/ul m
RT: 25.94 min Scan# 6263
Delta R.T. 0.01 min
Lab File: BN007010.D
Acq: 08 Aug 2019 05:40

Tgt Ion:276 Resp: 459970

Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.7	28.1
277	24.2	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
BENZ4

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:59 AM