Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006252.D
Acq On : 11 Jun 2019 18:38
Operator : JU/SJ
Sample : K3083-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

Quant Time: Jun 12 02:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	22198	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20005m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14001m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	13587m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6766	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11248m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	3915	0.064	ng/ul#	92
5) 2-Methylnaphthalene	12.10	142	1989	0.047	ng/ul	97
7) Acenaphthylene	14.01	152	3291	0.054	ng/ul#	90
8) Acenaphthene	14.36	153	22503	0.530	ng/ul	99
9) Fluorene	15.35	166	17107	0.344	ng/ul	97
12) Phenanthrene	17.09	178	282415m	4.398	ng/ul	
13) Anthracene	17.18	178	56492m	0.921	ng/ul	
15) Fluoranthene	19.12	202	502251m	7.083	ng/ul	
17) Pyrene	19.49	202	383493	5.200	ng/ul	100
18) Benzo(a)anthracene	21.25	228	184507	2.980	ng/ul	100
19) Chrysene	21.31	228	197999	3.406	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	248077m	4.379	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	93906m	1.702	ng/ul	
23) Benzo(a)pyrene	23.41	252	159521m	3.023	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	115921m	2.030	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	27206m	0.596	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	103459m	2.163	ng/ul	

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

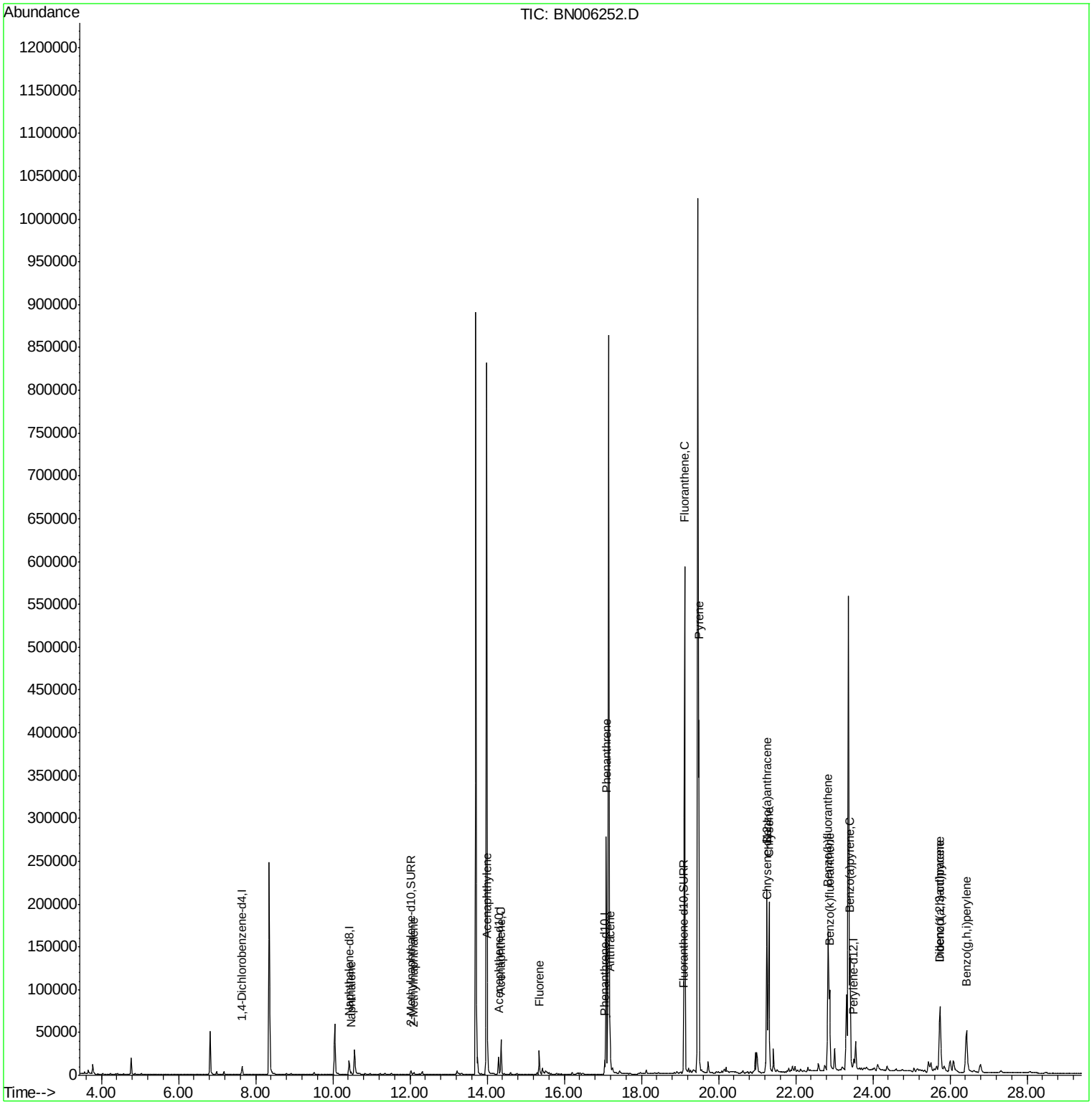
Quantitation Report (QT Reviewed)

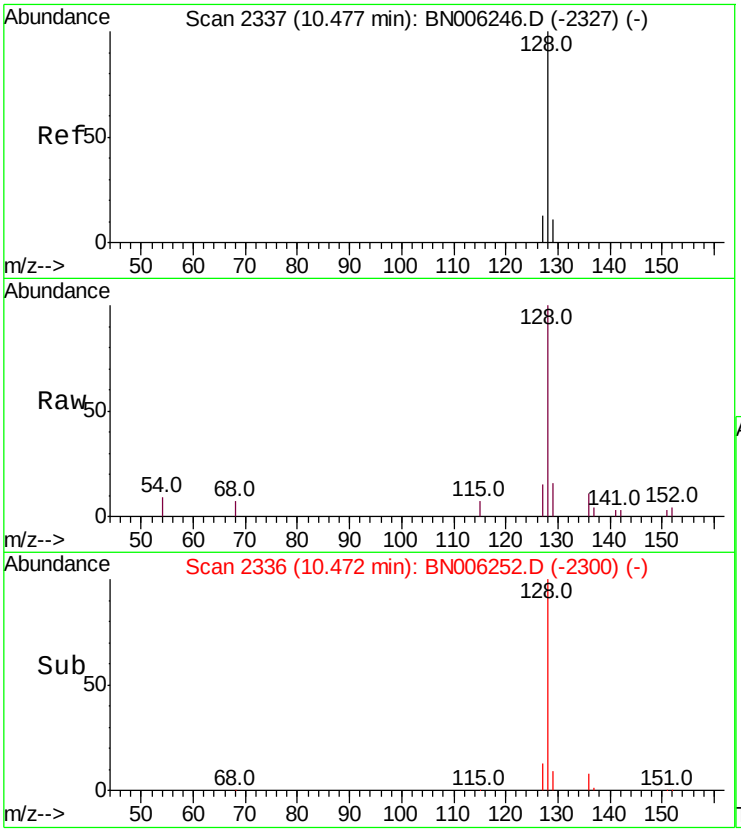
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006252.D
Acq On : 11 Jun 2019 18:38
Operator : JU/SJ
Sample : K3083-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 12 02:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM





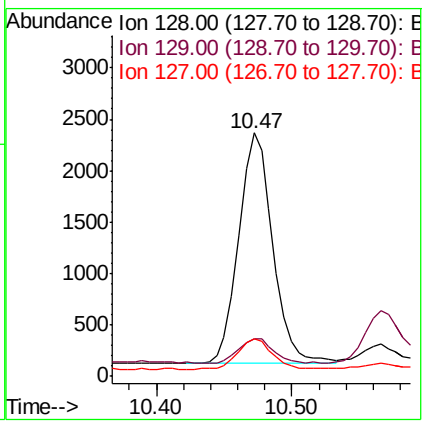
#3
Naphthalene
Concen: 0.064 ng/ul
RT: 10.47 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

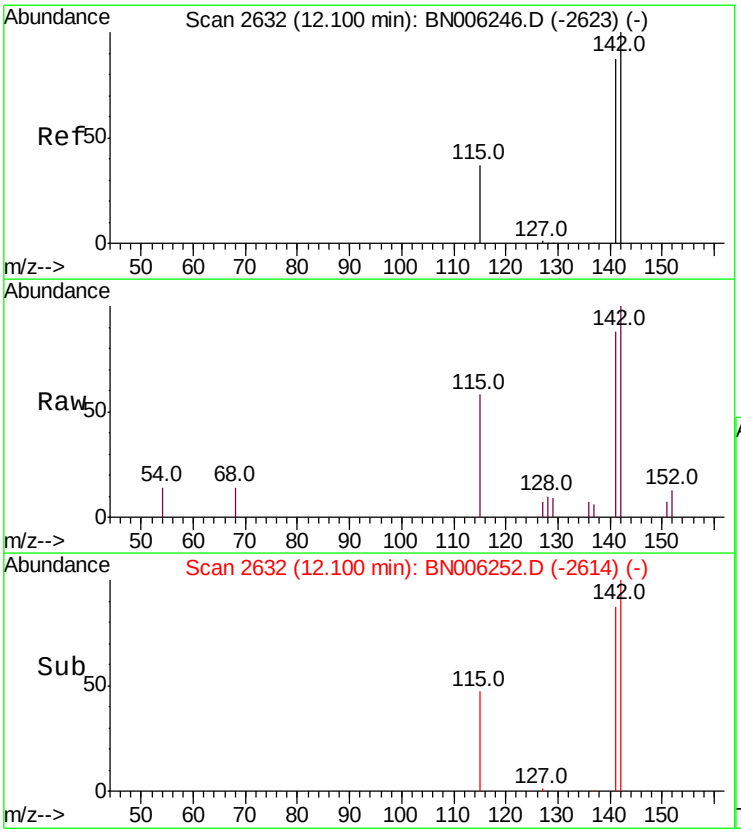
Tgt Ion:128 Resp: 3915

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.3	13.9#
127	15.5	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

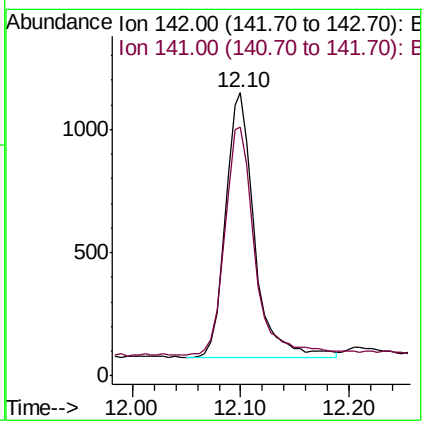


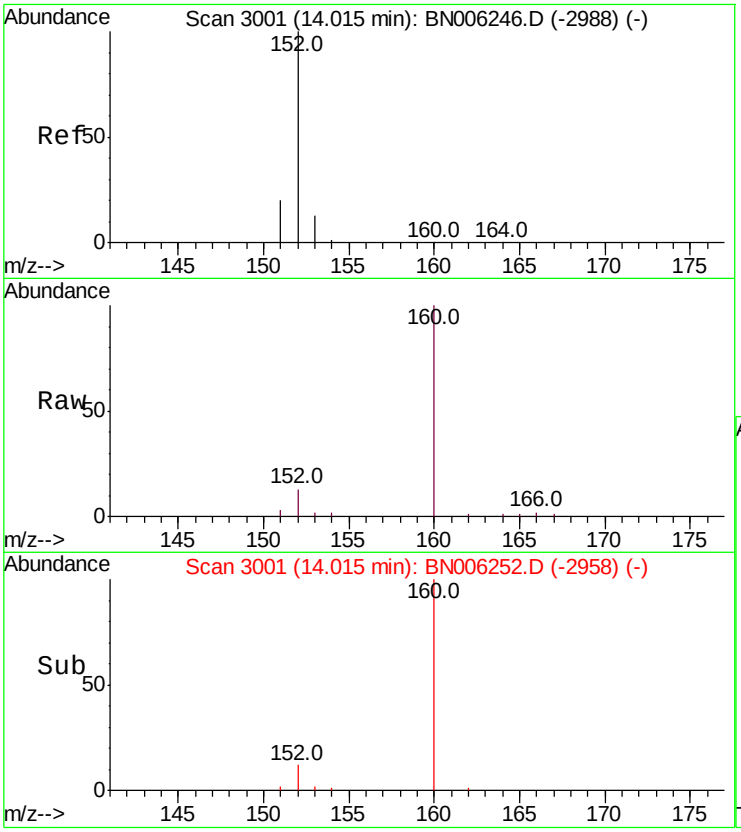


#5
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:142 Resp: 1989

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.3	105.5





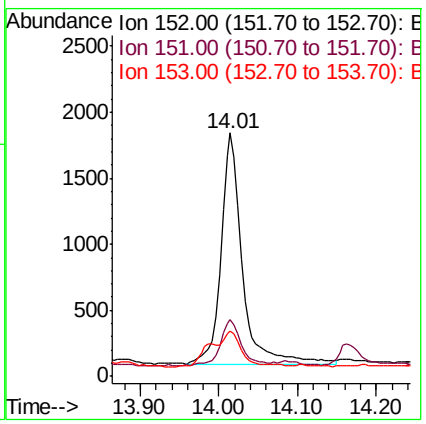
#7
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

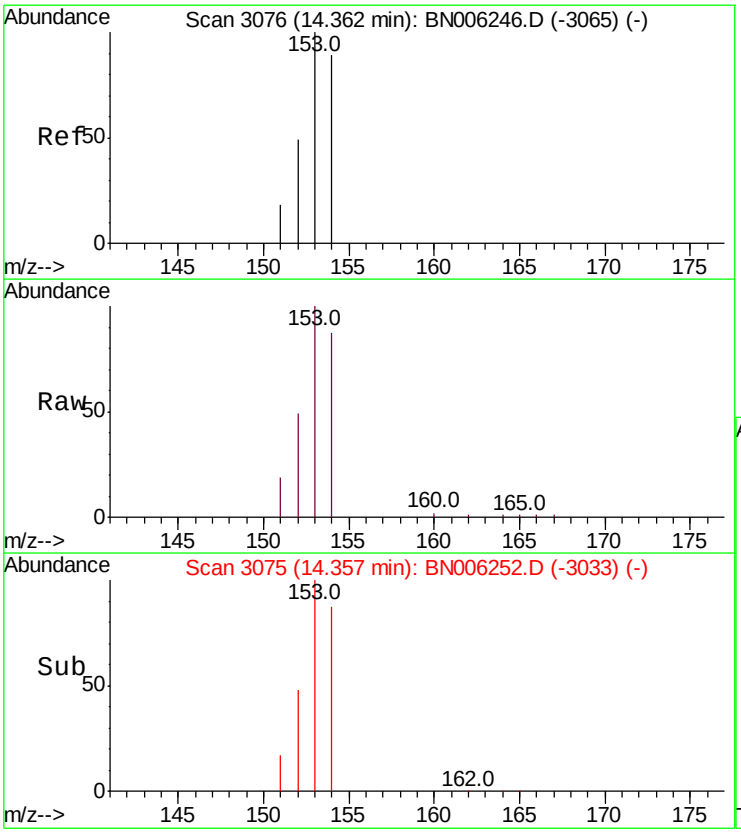
Tgt Ion:152 Resp: 3291

Ion	Ratio	Lower	Upper
152	100		
151	23.5	15.8	23.8
153	18.4	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

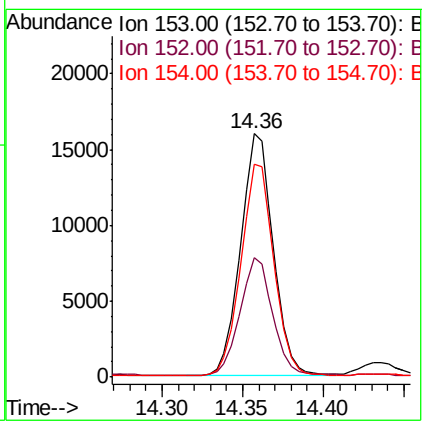


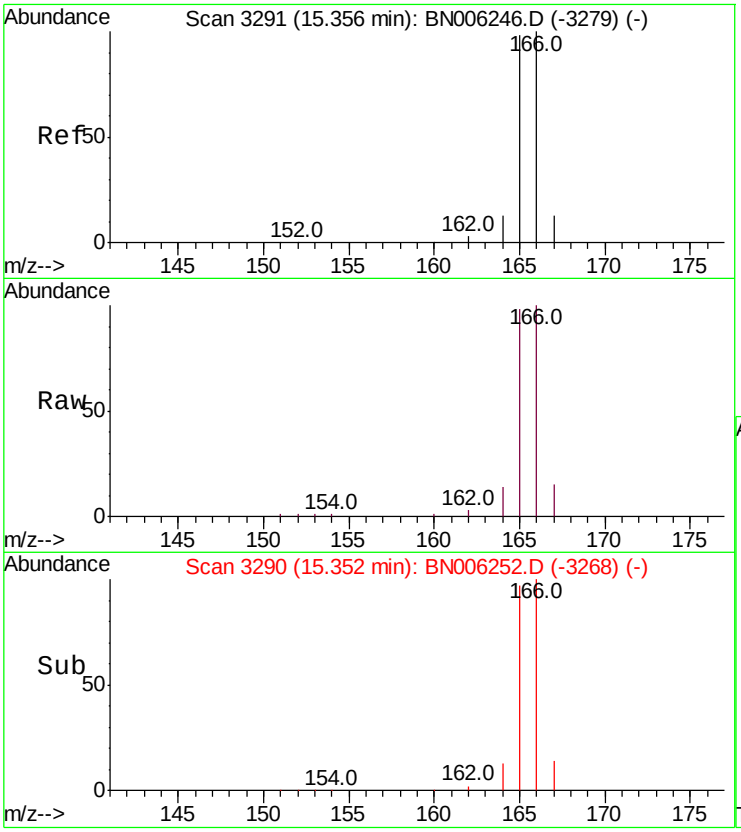


#8
Acenaphthene
Concen: 0.530 ng/ul
RT: 14.36 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:153 Resp: 22503

Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.1	58.7
154	87.5	71.1	106.7

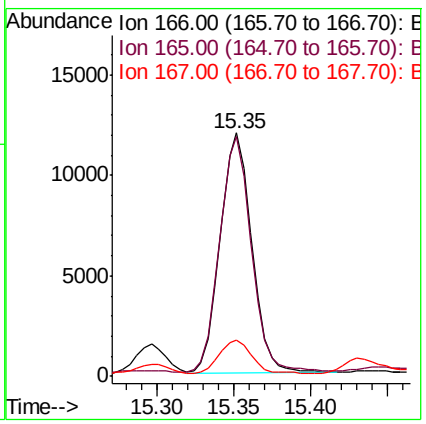




#9
Fluorene
Concen: 0.344 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

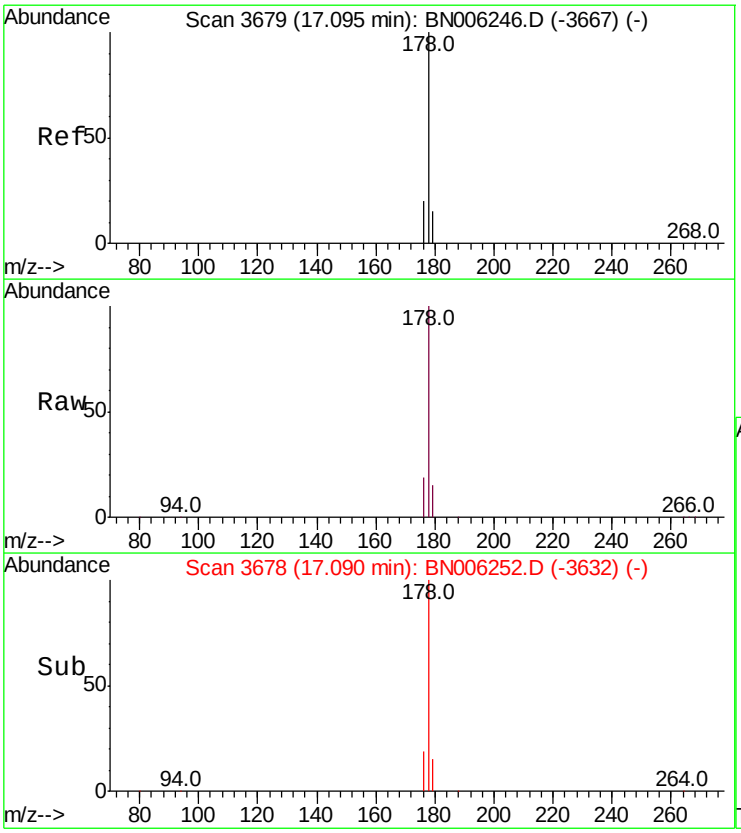
Tgt Ion:166 Resp: 17107

Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.4	114.6
167	14.7	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
A51F4

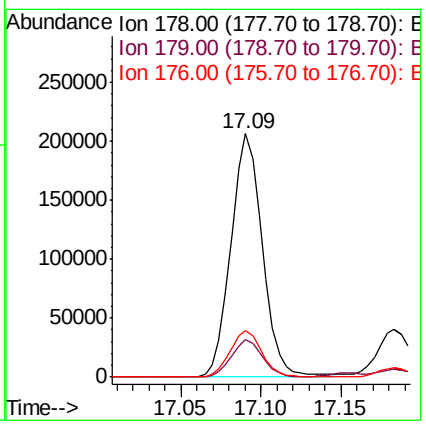
Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

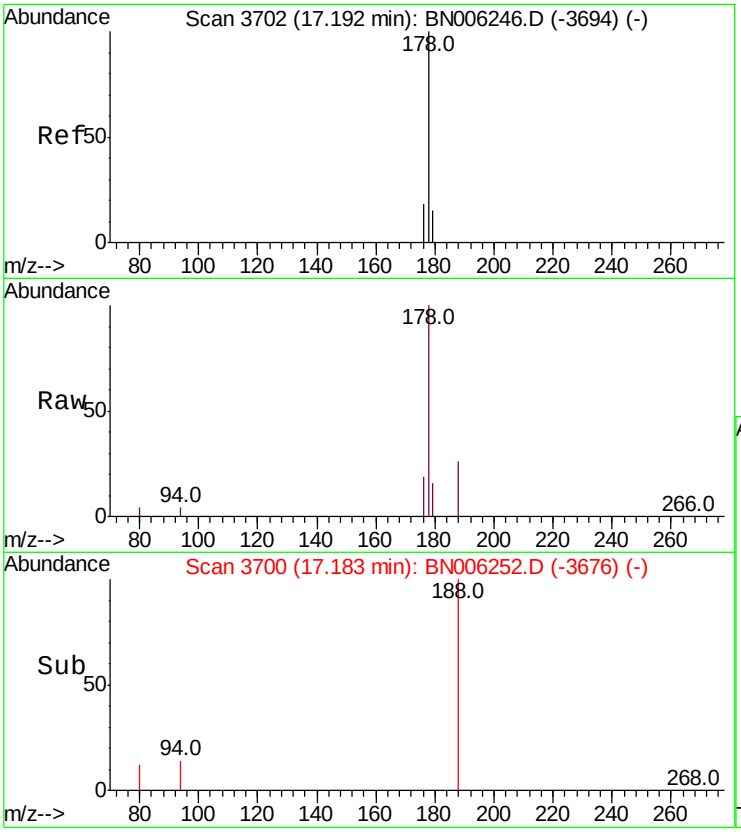


#12
Phenanthrene
Concen: 4.398 ng/ul m
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:178 Resp: 282415

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.3	15.3	22.9

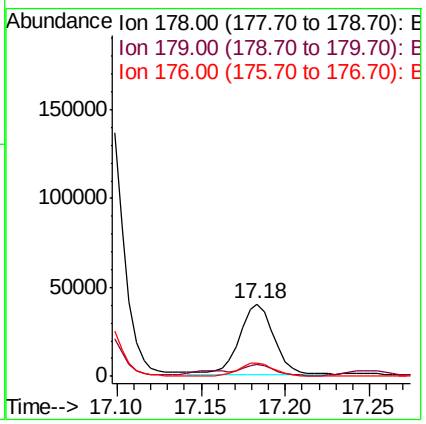




#13
Anthracene
Concen: 0.921 ng/ul m
RT: 17.18 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

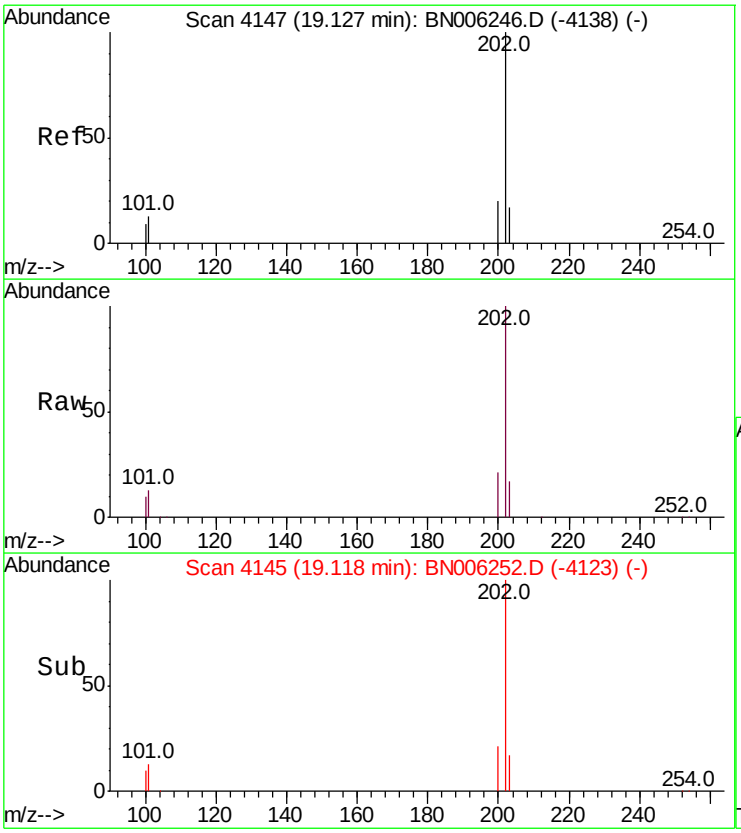
Tgt Ion:178 Resp: 56492

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.8	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A51F4

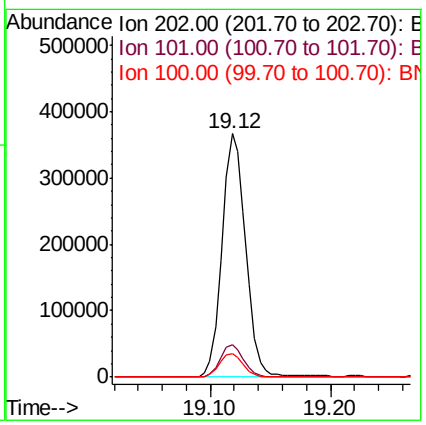
Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

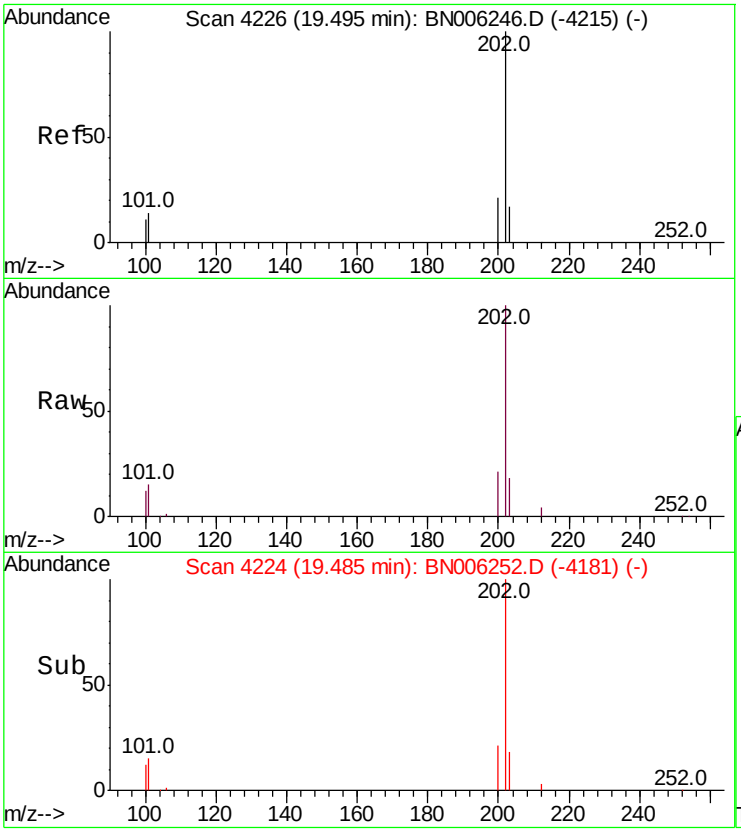


#15
Fluoranthene
Concen: 7.083 ng/ul m
RT: 19.12 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:202 Resp: 502251

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.1
100	9.9	0.0	28.7





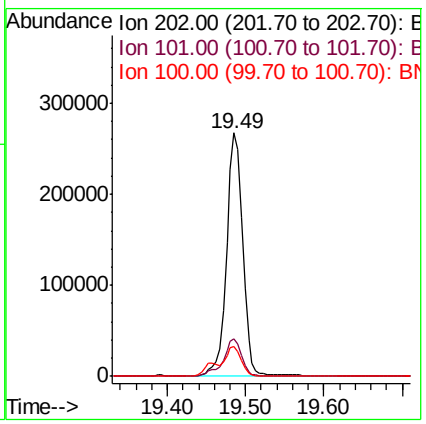
#17
Pyrene
Concen: 5.200 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

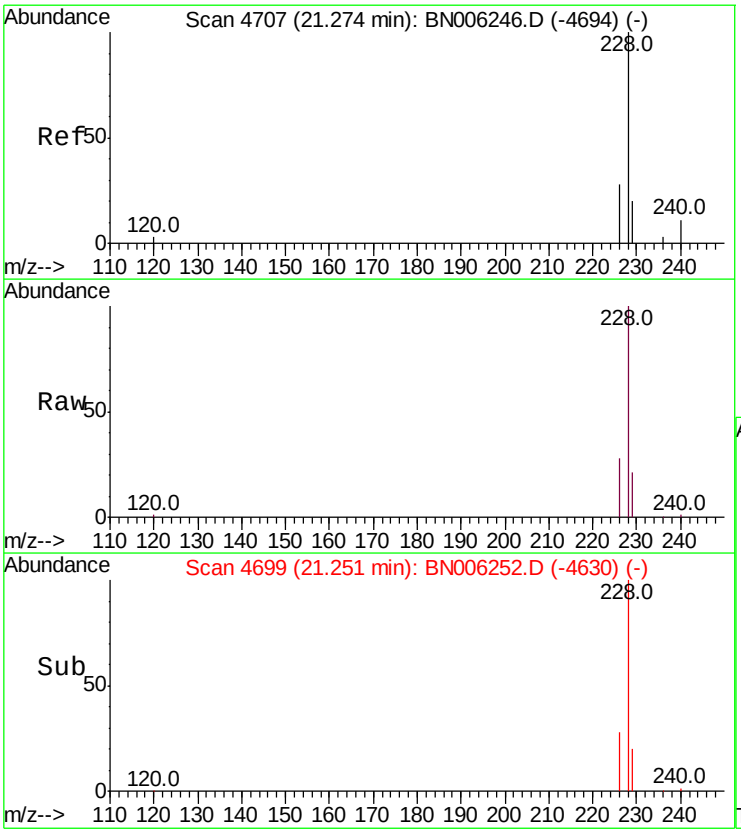
Tgt Ion:202 Resp: 383493

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.3	9.8	14.6

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

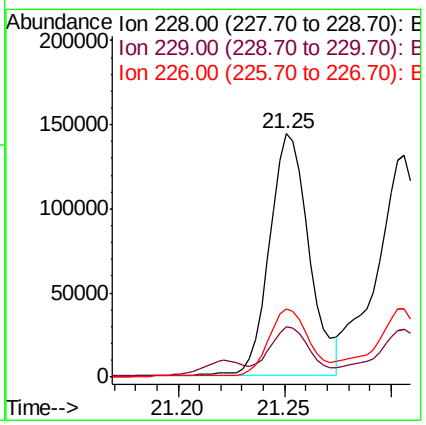


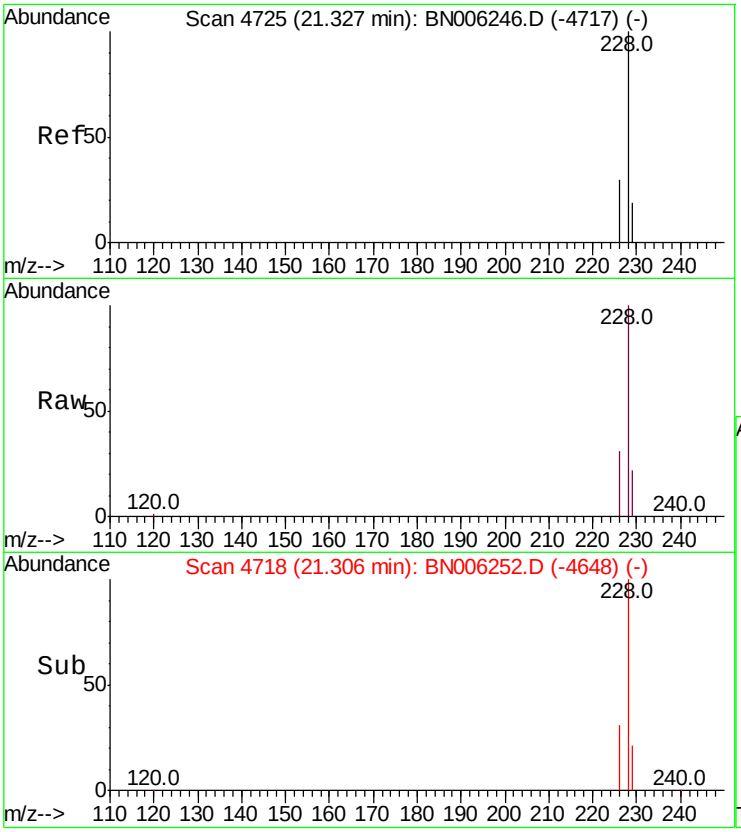


#18
Benzo(a)anthracene
Concen: 2.980 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:228 Resp: 184507

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.5	24.7
226	28.2	22.8	34.2

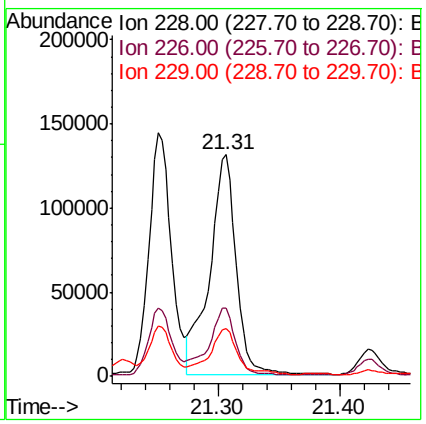




#19
Chrysene
Concen: 3.406 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.01 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

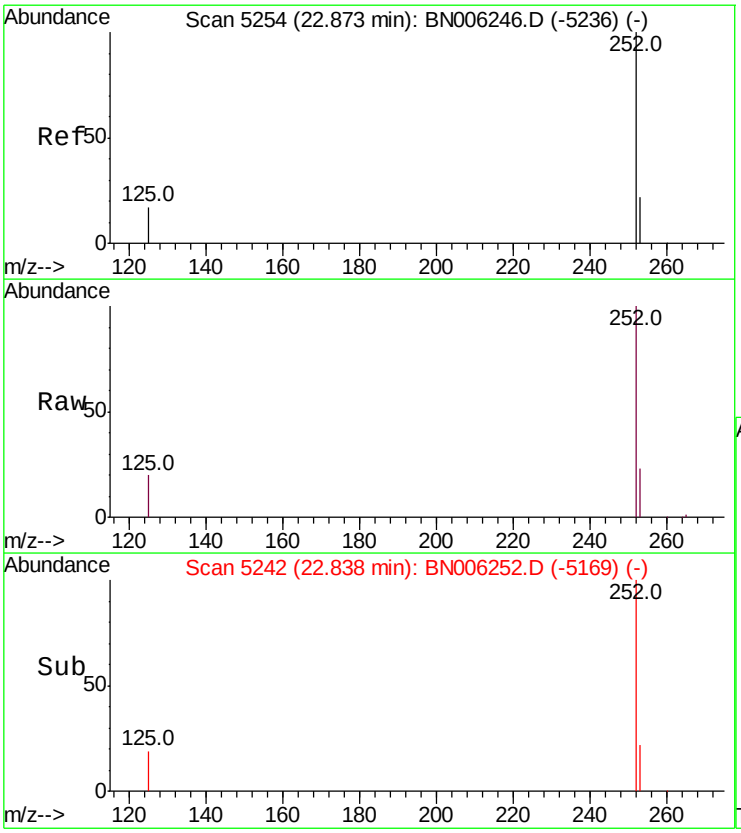
Tgt Ion:228 Resp: 197999

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.9	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
A51F4

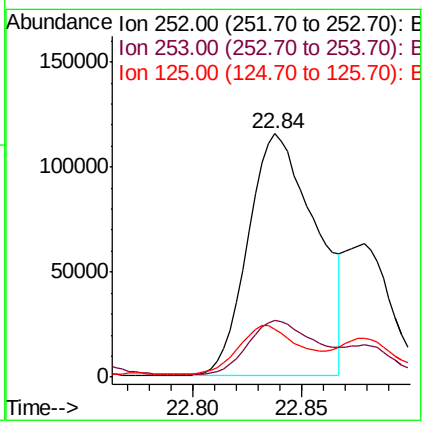
Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

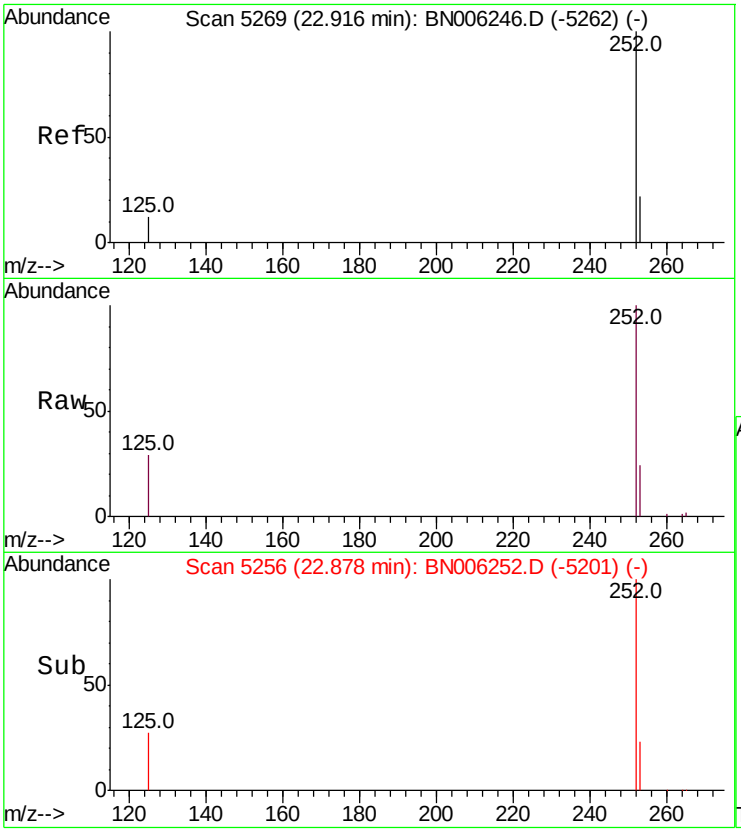


#21
Benzo(b)fluoranthene
Concen: 4.379 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.01 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:252 Resp: 248077

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	51.4
125	19.9	0.0	41.0





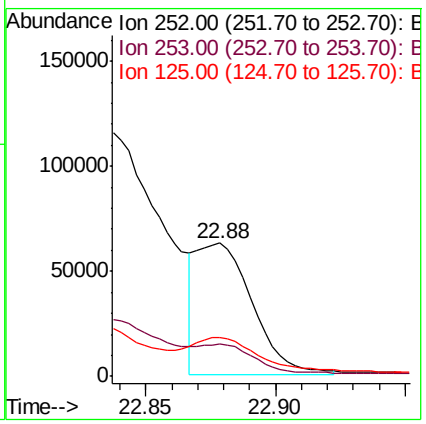
#22
Benzo(k)fluoranthene
Concen: 1.702 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. 0.01 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

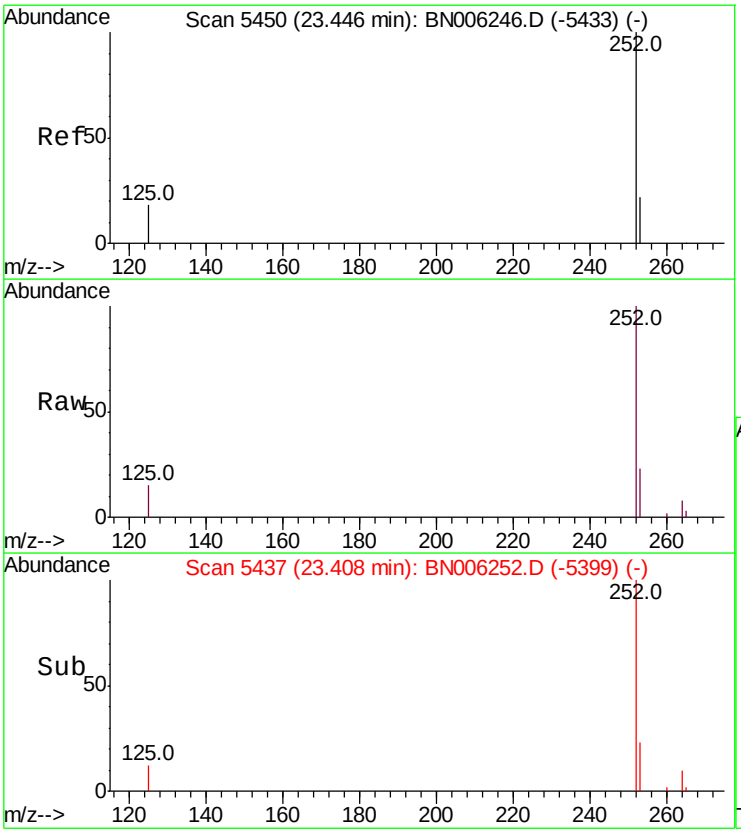
Tgt Ion:252 Resp: 93906

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.3	30.5
125	29.1	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

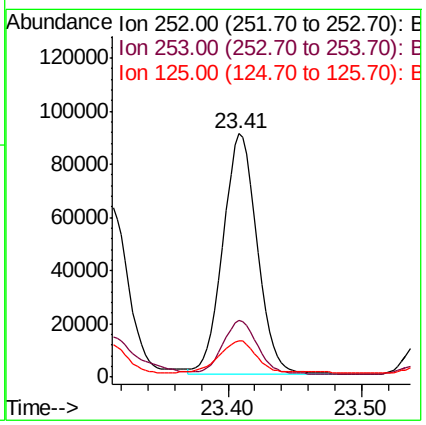


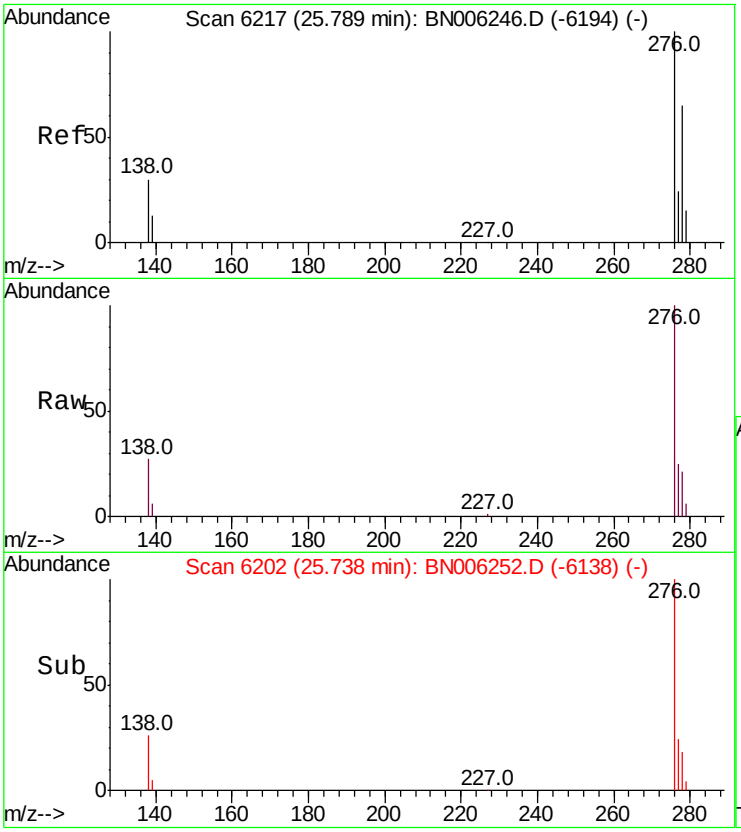


#23
Benzo(a)pyrene
Concen: 3.023 ng/ul m
RT: 23.41 min Scan# 5437
Delta R.T. 0.01 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:252 Resp: 159521

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.1	31.7
125	15.0	20.3	30.5#





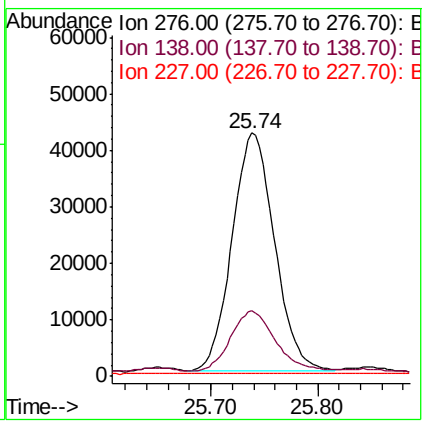
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.030 ng/ul m
RT: 25.74 min Scan# 6202
Delta R.T. 0.01 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

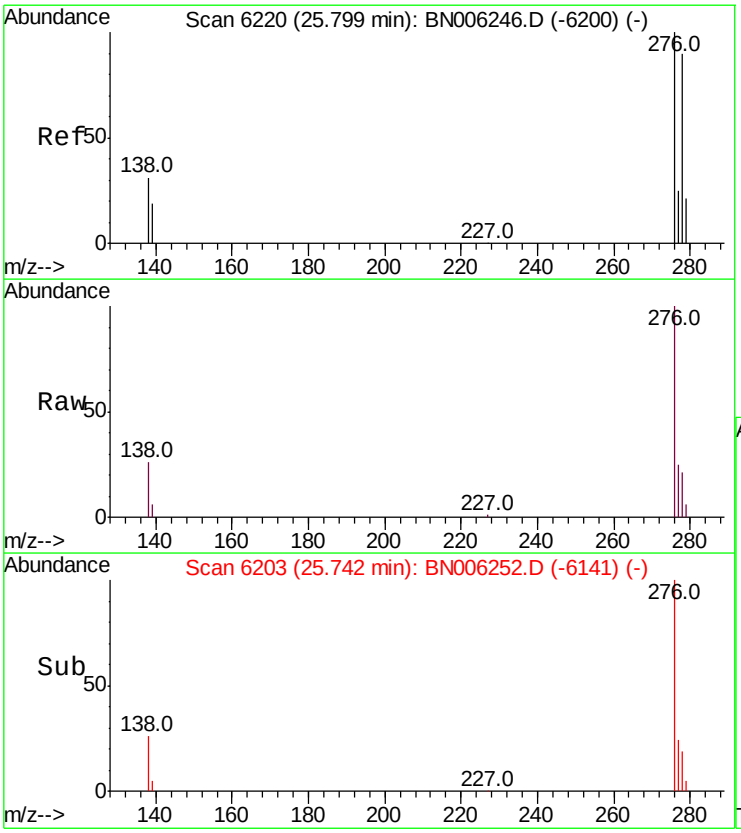
Tgt Ion:276 Resp: 115921

Ion	Ratio	Lower	Upper
276	100		
138	2.2	25.6	38.4#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM

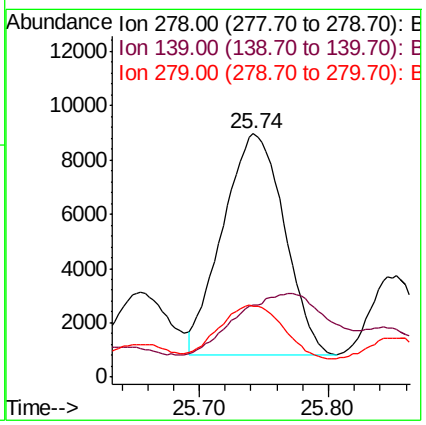


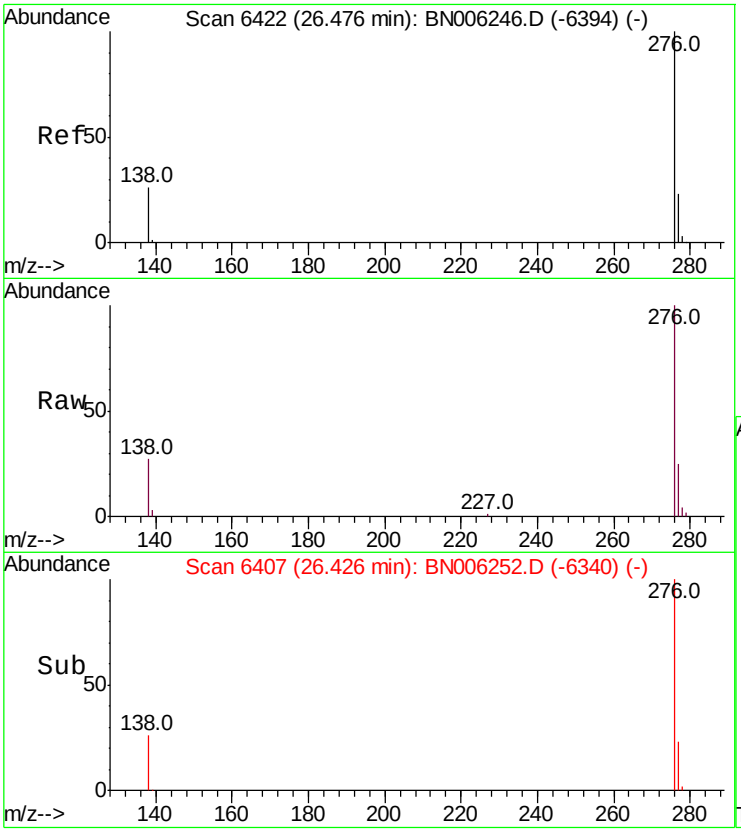


#25
Dibenzo(a,h)anthracene
Concen: 0.596 ng/ul m
RT: 25.74 min Scan# 6203
Delta R.T. 0.01 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:278 Resp: 27206

Ion	Ratio	Lower	Upper
278	100		
139	29.4	21.2	31.8
279	29.2	22.6	33.8

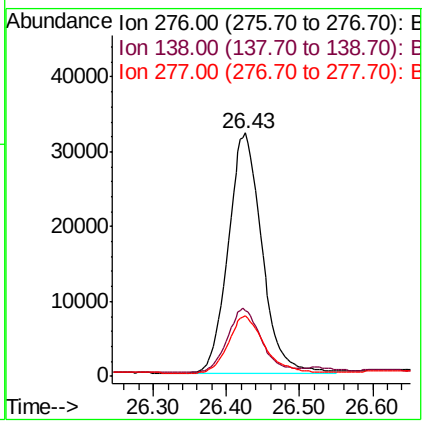




#26
Benzo(g,h,i)perylene
Concen: 2.163 ng/ul m
RT: 26.43 min Scan# 6407
Delta R.T. 0.02 min
Lab File: BN006252.D
Acq: 11 Jun 2019 18:38

Tgt Ion:276 Resp: 103459

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.2	36.4
277	24.8	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A51F4

Manual Integrations APPROVED
mohammad
6/12/2019 8:18:58 AM