Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
Data File : BN005715.D
Acq On : 16 May 2019 22:37
Operator : JU/SJ
Sample : K2690-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5153DL

Manual Integrations APPROVED
mohammad
5/17/2019 3:36:05 PM

Quant Time: May 17 05:06:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1338	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	5434	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3554	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8467	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6290	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6646m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	405	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1376	0.05	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.02	178	2637	0.114	ng/ul#	80
15) Fluoranthene	19.06	202	8481	0.266	ng/ul	98
17) Pyrene	19.42	202	7815	0.336	ng/ul	100
19) Chrysene	21.25	228	3220	0.121	ng/ul#	10
21) Benzo(b)fluoranthene	22.77	252	5212m	0.261	ng/ul	
23) Benzo(a)pyrene	23.33	252	3556m	0.159	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	3674m	0.172	ng/ul	

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

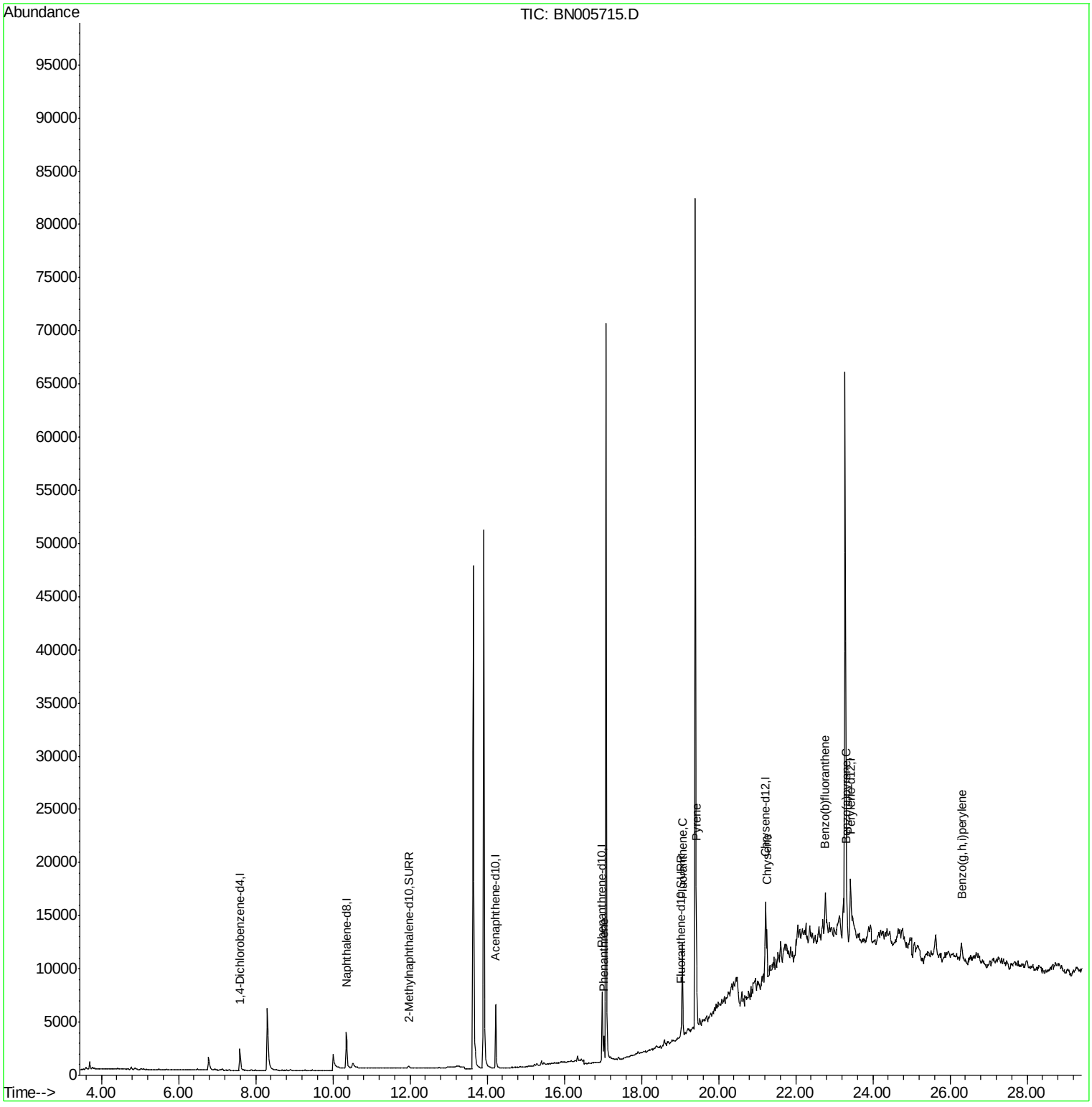
Quantitation Report (QT Reviewed)

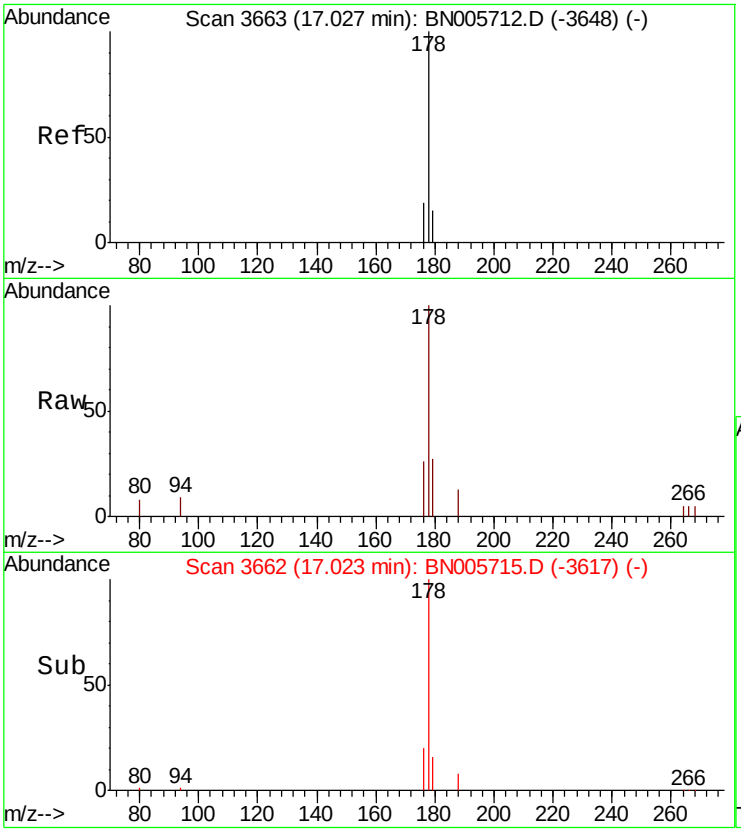
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
Data File : BN005715.D
Acq On : 16 May 2019 22:37
Operator : JU/SJ
Sample : K2690-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 17 05:06:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5153DL

Manual Integrations APPROVED
mohammad
5/17/2019 3:36:05 PM

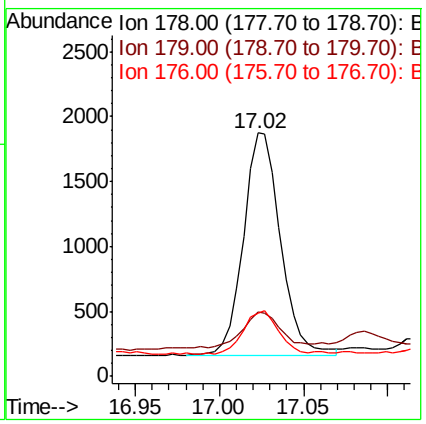




#12
Phenanthrene
Concen: 0.114 ng/ul
RT: 17.02 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

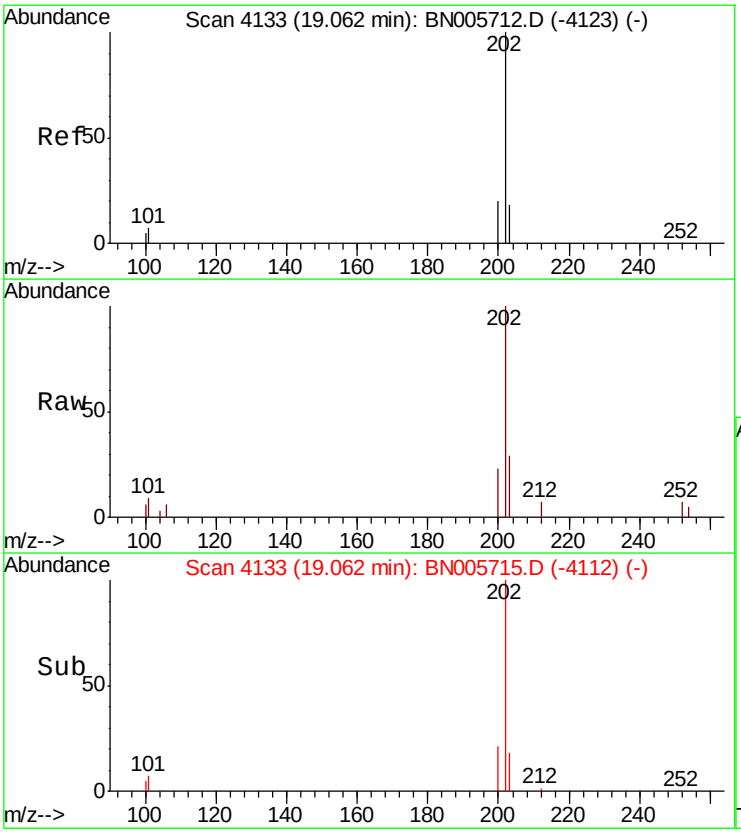
Tgt Ion:178 Resp: 2637

Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.8	19.2#
176	26.1	15.3	22.9#



Instrument :
BNA_N
ClientSampleId :
A5153DL

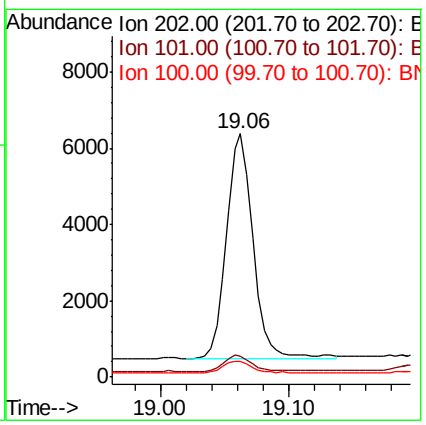
Manual Integrations APPROVED
mohammad
5/17/2019 3:36:05 PM

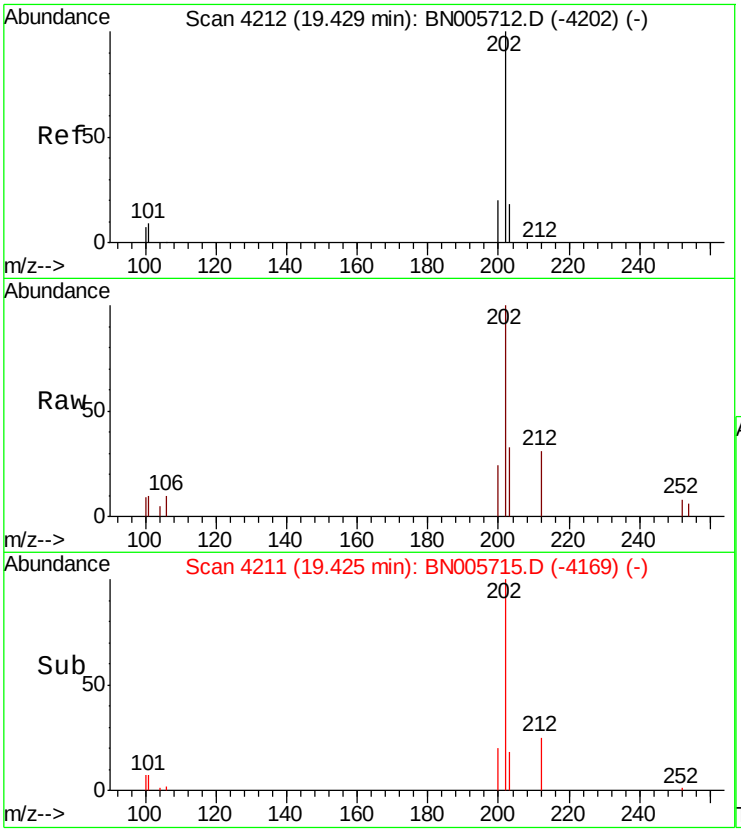


#15
Fluoranthene
Concen: 0.266 ng/ul
RT: 19.06 min Scan# 4133
Delta R.T. -0.00 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

Tgt Ion:202 Resp: 8481

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.4
100	6.4	0.0	27.1

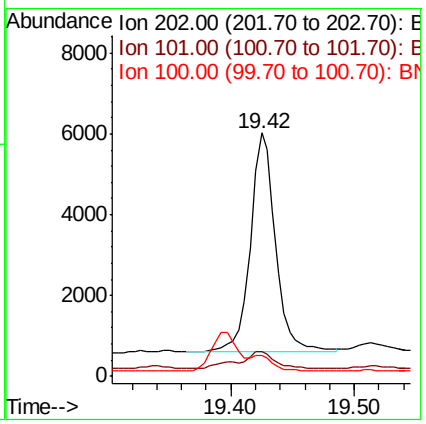




#17
Pyrene
Concen: 0.336 ng/ul
RT: 19.42 min Scan# 4211
Delta R.T. -0.00 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

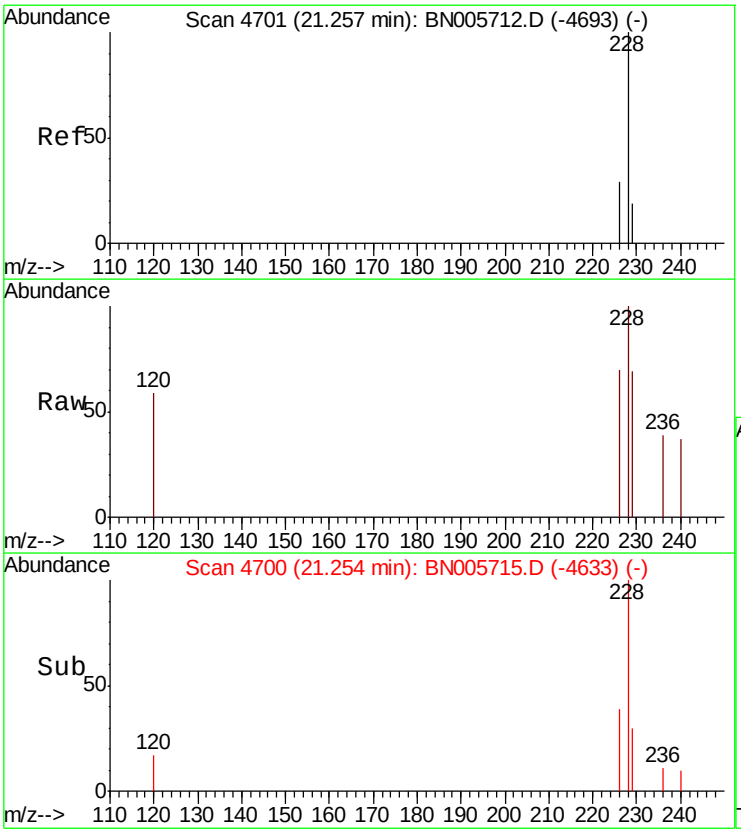
Tgt Ion:202 Resp: 7815

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
100	8.7	6.9	10.3



Instrument :
BNA_N
ClientSampleId :
A5153DL

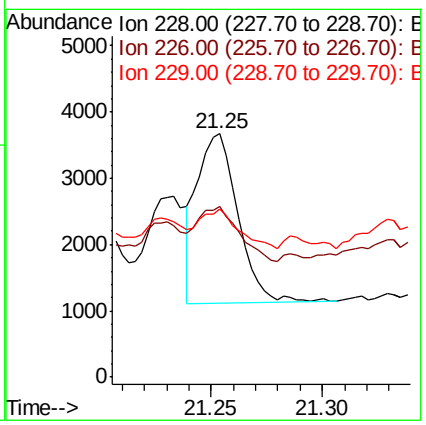
Manual Integrations APPROVED
mohammad
5/17/2019 3:36:05 PM

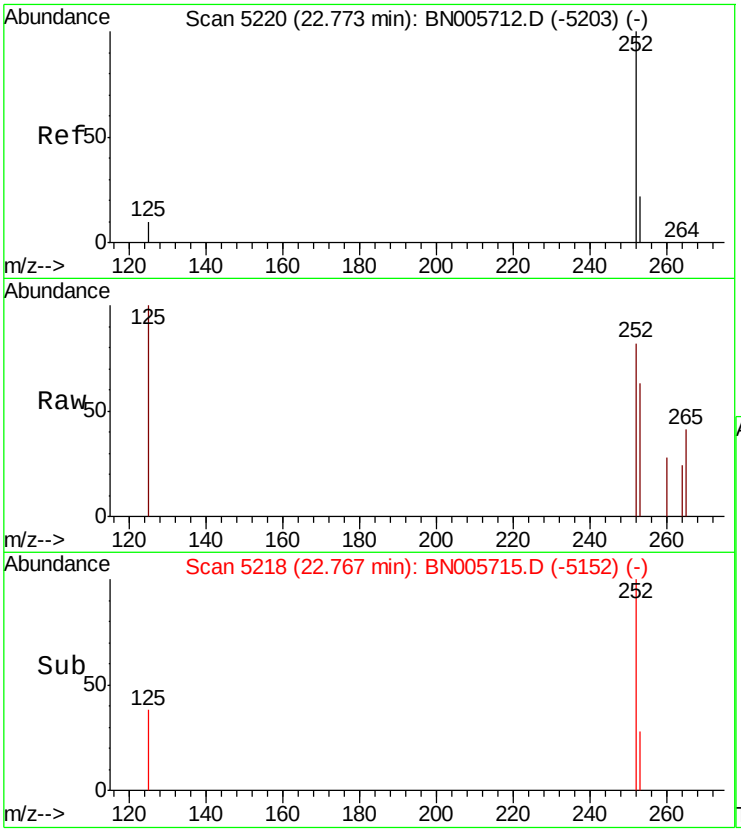


#19
Chrysene
Concen: 0.121 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

Tgt Ion:228 Resp: 3220

Ion	Ratio	Lower	Upper
228	100		
226	70.3	23.2	34.8#
229	69.2	16.0	24.0#

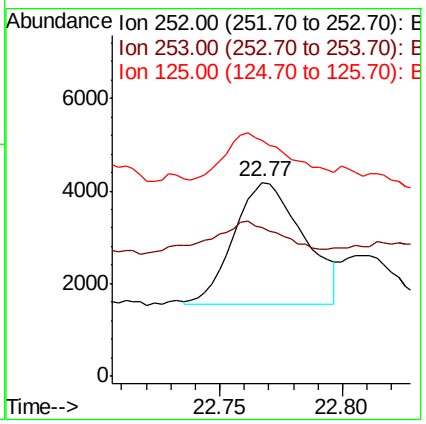




#21
Benzo(b)fluoranthene
Concen: 0.261 ng/ul m
RT: 22.77 min Scan# 5218
Delta R.T. -0.01 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

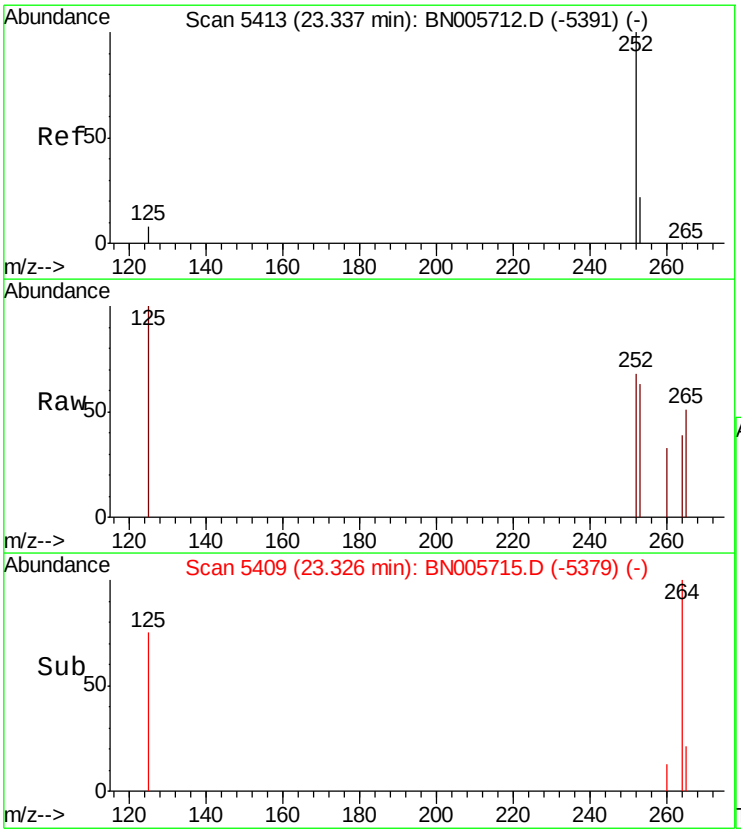
Tgt Ion:252 Resp: 5212

Ion	Ratio	Lower	Upper
252	100		
253	76.5	0.0	47.6#
125	121.5	0.0	20.8#



Instrument :
BNA_N
ClientSampleId :
A5153DL

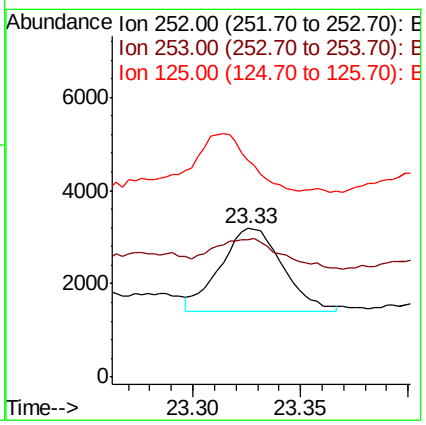
Manual Integrations APPROVED
mohammad
5/17/2019 3:36:05 PM

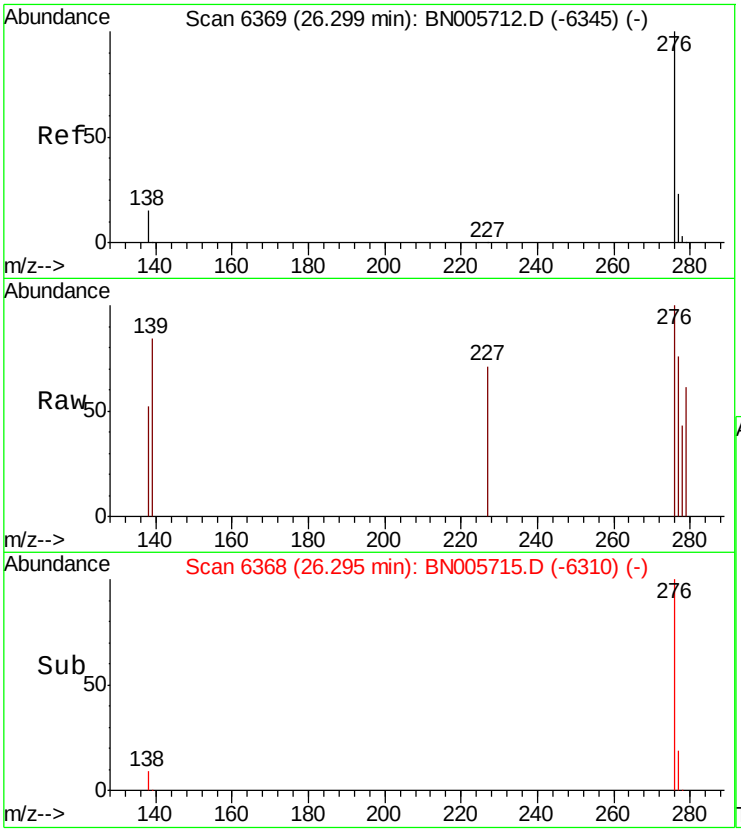


#23
Benzo(a)pyrene
Concen: 0.159 ng/ul m
RT: 23.33 min Scan# 5409
Delta R.T. -0.01 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

Tgt Ion:252 Resp: 3556

Ion	Ratio	Lower	Upper
252	100		
253	92.1	19.6	29.4#
125	146.1	10.1	15.1#

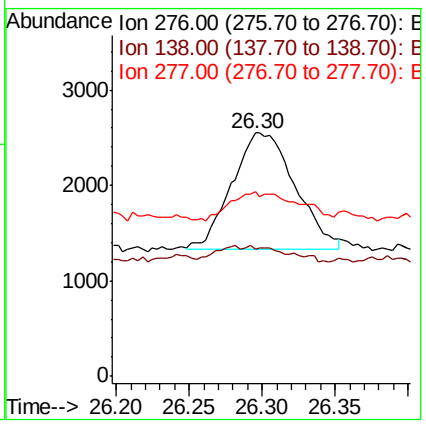




#26
Benzo(g,h,i)perylene
Concen: 0.172 ng/ul m
RT: 26.30 min Scan# 6368
Delta R.T. -0.01 min
Lab File: BN005715.D
Acq: 16 May 2019 22:37

Tgt Ion:276 Resp: 3674

Ion	Ratio	Lower	Upper
276	100		
138	52.3	15.6	23.4#
277	76.1	20.6	31.0#



Instrument :
BNA_N
ClientSampleId :
A5153DL

Manual Integrations APPROVED
mohammad
5/17/2019 3:36:05 PM