Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003825.D
Acq On : 11 Dec 2018 21:19
Operator : JU/SJ
Sample : J6170-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9M14

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

Quant Time: Dec 12 03:36:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	16682m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12464m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	12430m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5331	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8034m	0.16	ng/ul	0.00
Target Compounds						Qvalue
9) Fluorene	15.52	166	1058	0.026	ng/ul#	96
12) Phenanthrene	17.25	178	24586	0.449	ng/ul	99
13) Anthracene	17.34	178	3423m	0.076	ng/ul	
15) Fluoranthene	19.27	202	87607m	1.355	ng/ul	
17) Pyrene	19.63	202	64274m	1.438	ng/ul	
18) Benzo(a)anthracene	21.38	228	34404	0.874	ng/ul	97
19) Chrysene	21.43	228	41263	0.916	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	61315m	1.192	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	20602m	0.411	ng/ul	
23) Benzo(a)pyrene	23.61	252	33947	0.762	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	30865	0.604	ng/ul	95
25) Dibenzo(a,h)anthracene	26.07	278	7653	0.186	ng/ul#	88
26) Benzo(g,h,i)perylene	26.78	276	24541	0.553	ng/ul	96

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

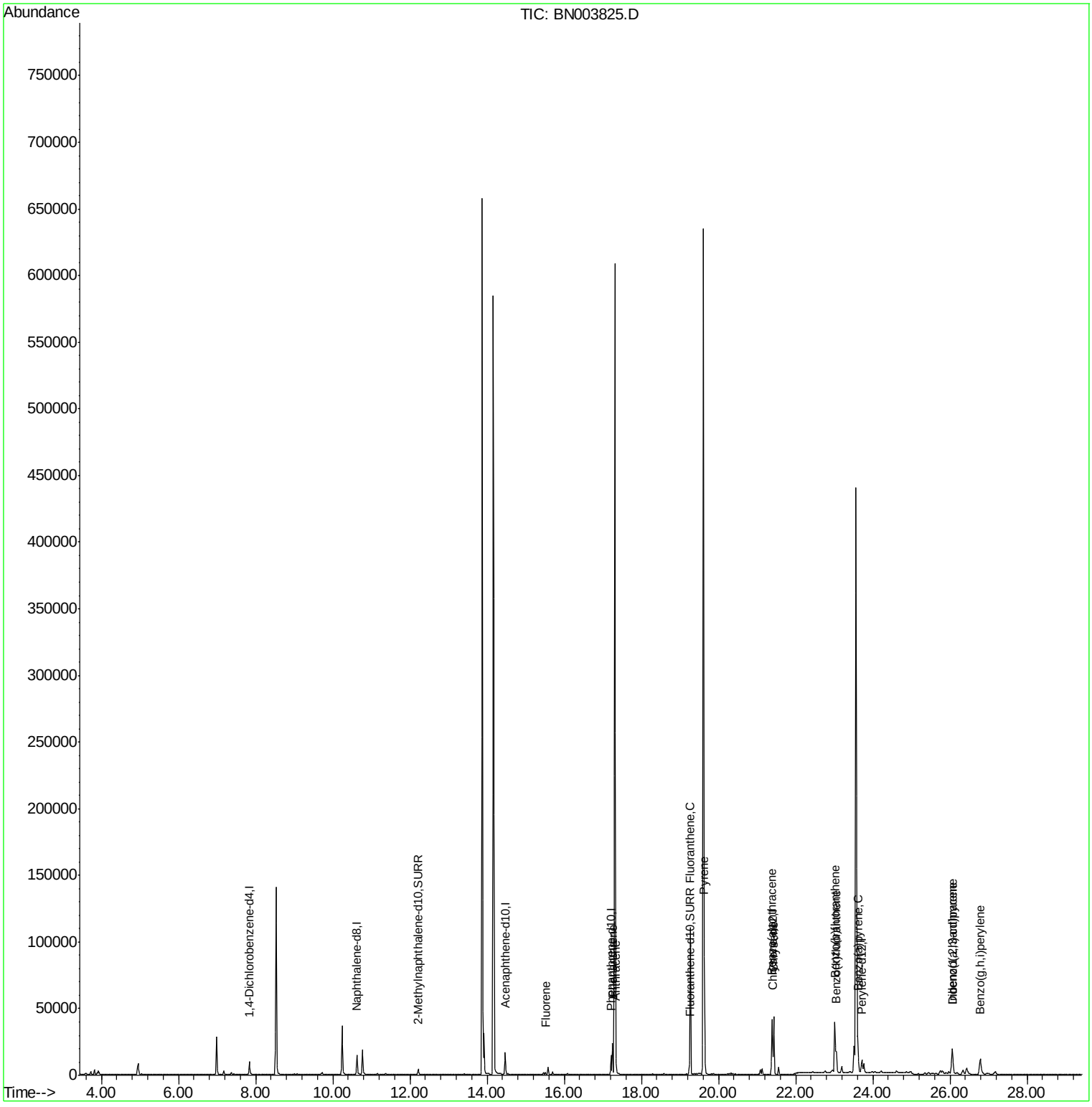
Quantitation Report (QT Reviewed)

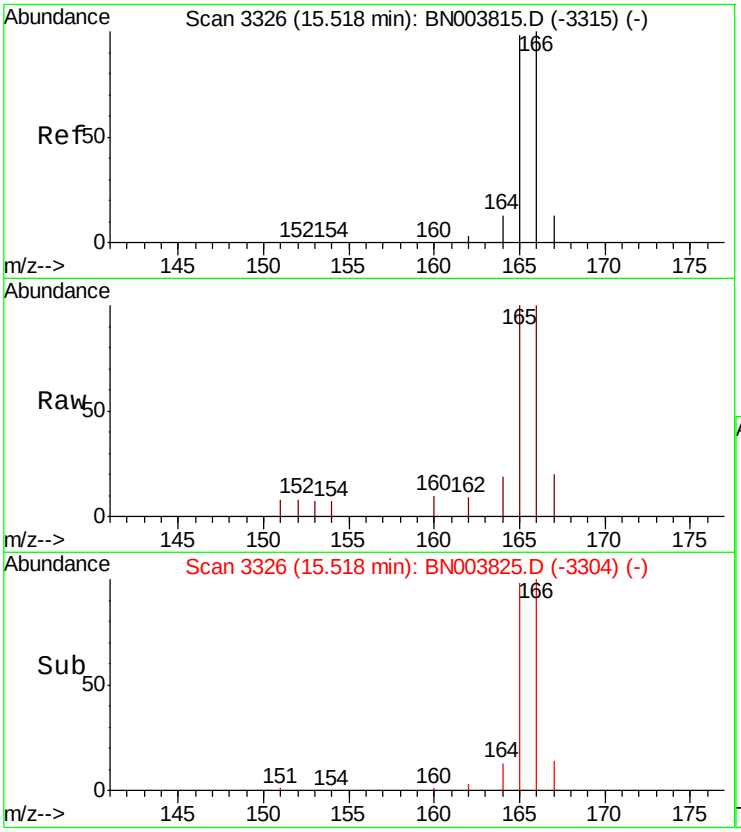
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
Data File : BN003825.D
Acq On : 11 Dec 2018 21:19
Operator : JU/SJ
Sample : J6170-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 12 03:36:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 02:52:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M14

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

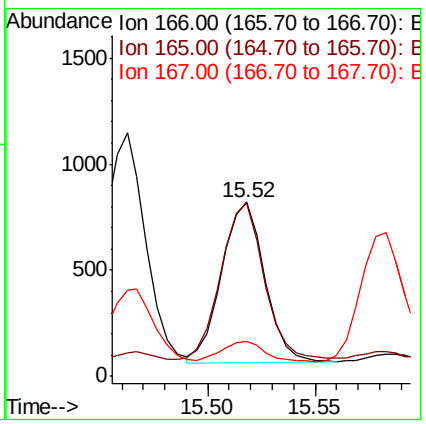




#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

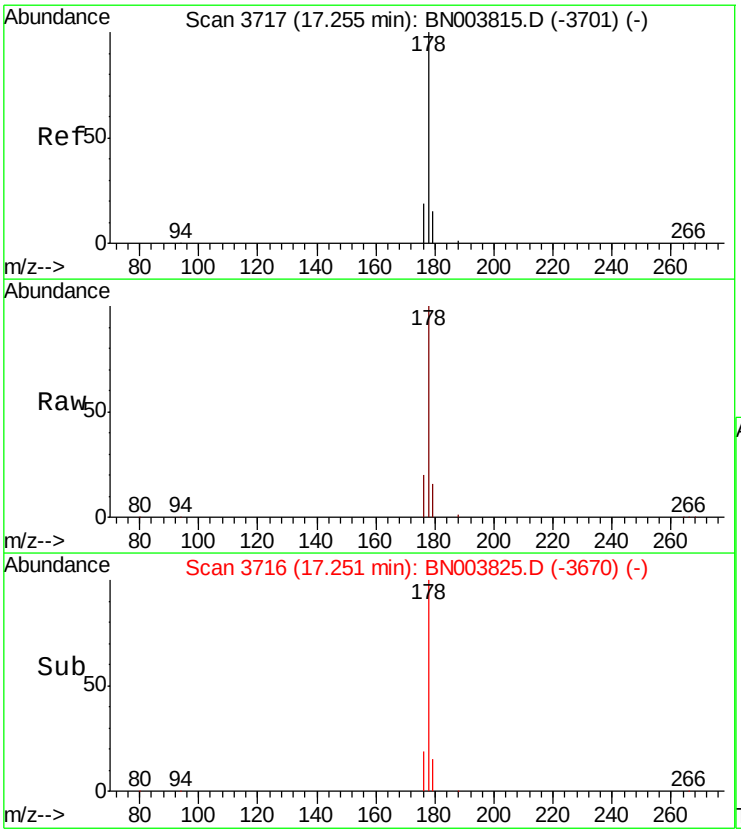
Tgt Ion:166 Resp: 1058

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.3	117.5
167	20.4	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
F9M14

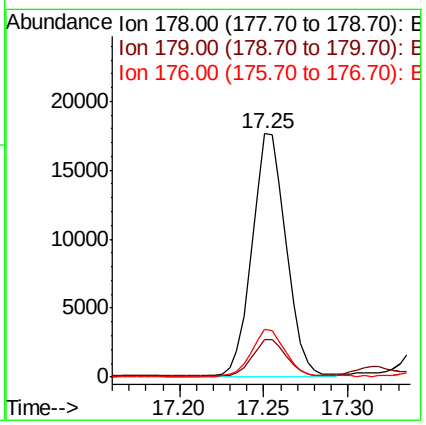
Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

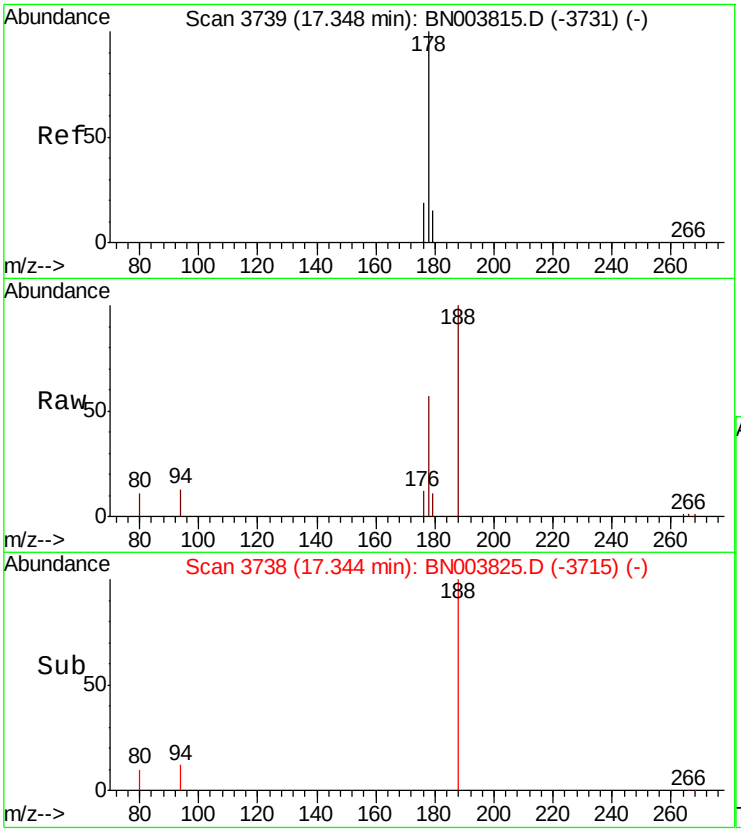


#12
Phenanthrene
Concen: 0.449 ng/ul
RT: 17.25 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:178 Resp: 24586

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.5	15.0	22.4





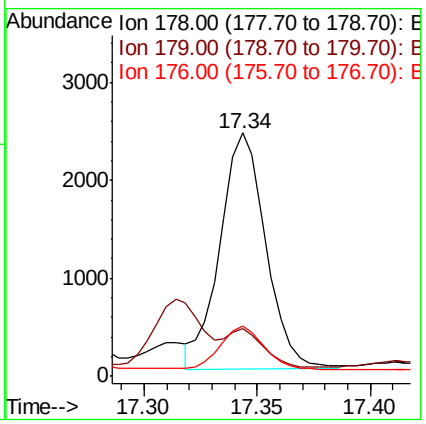
#13
Anthracene
Concen: 0.076 ng/ul m
RT: 17.34 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

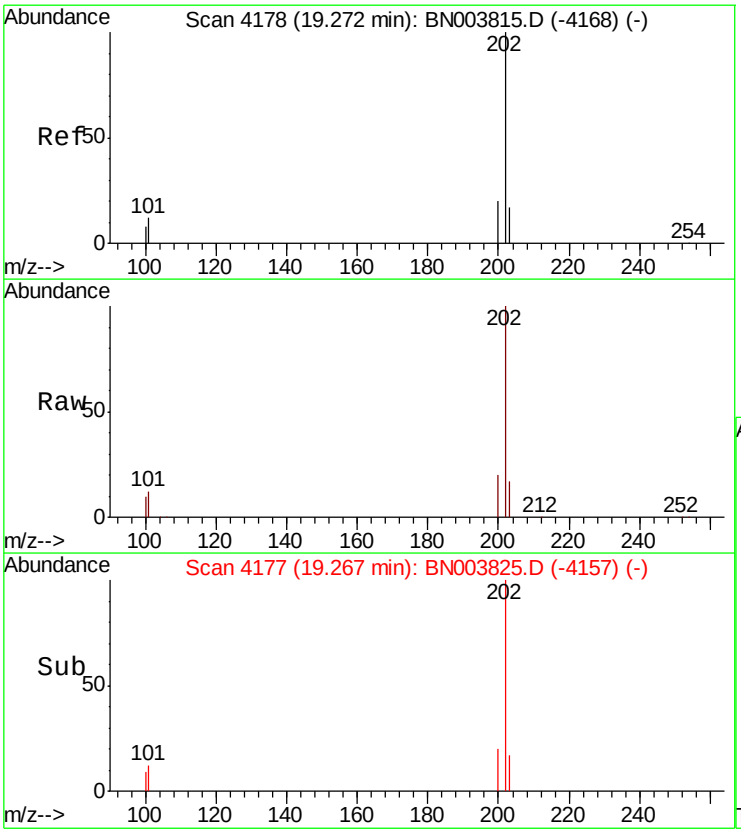
Tgt Ion:178 Resp: 3423

Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.3	18.5#
176	20.5	14.8	22.2

Instrument :
BNA_N
ClientSampleId :
F9M14

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

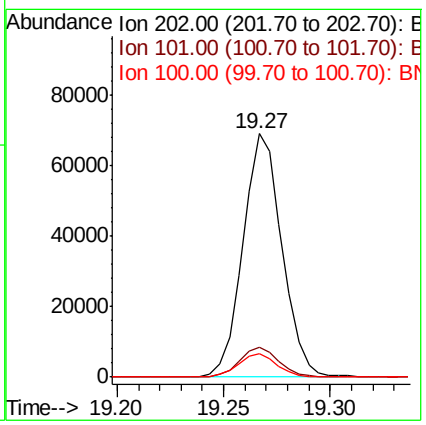


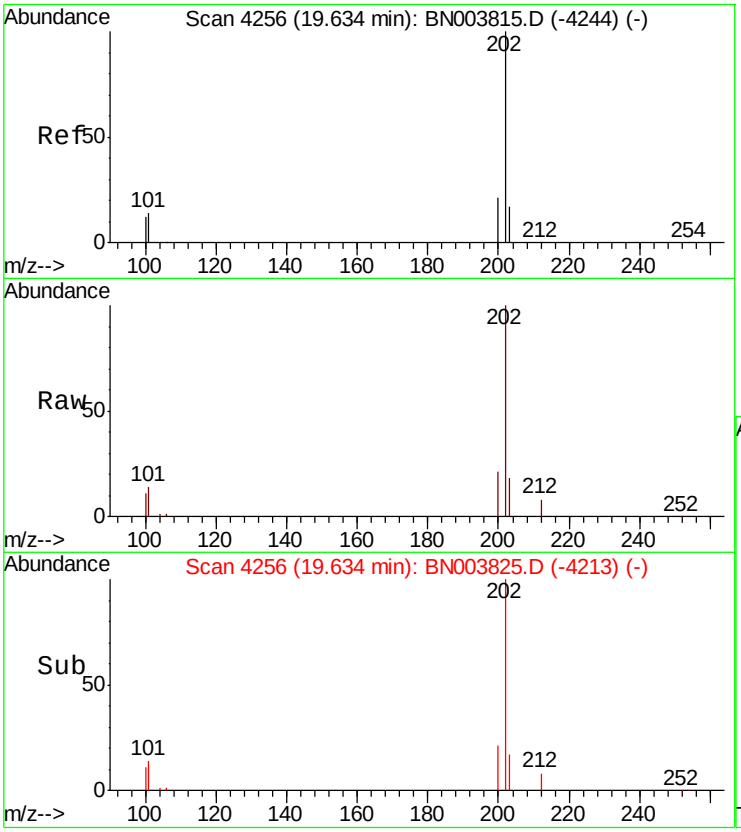


#15
Fluoranthene
Concen: 1.355 ng/ul m
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:202 Resp: 87607

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.7
100	9.5	0.0	28.1

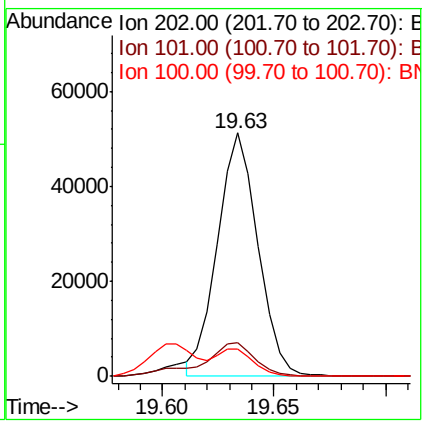




#17
Pyrene
Concen: 1.438 ng/ul m
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

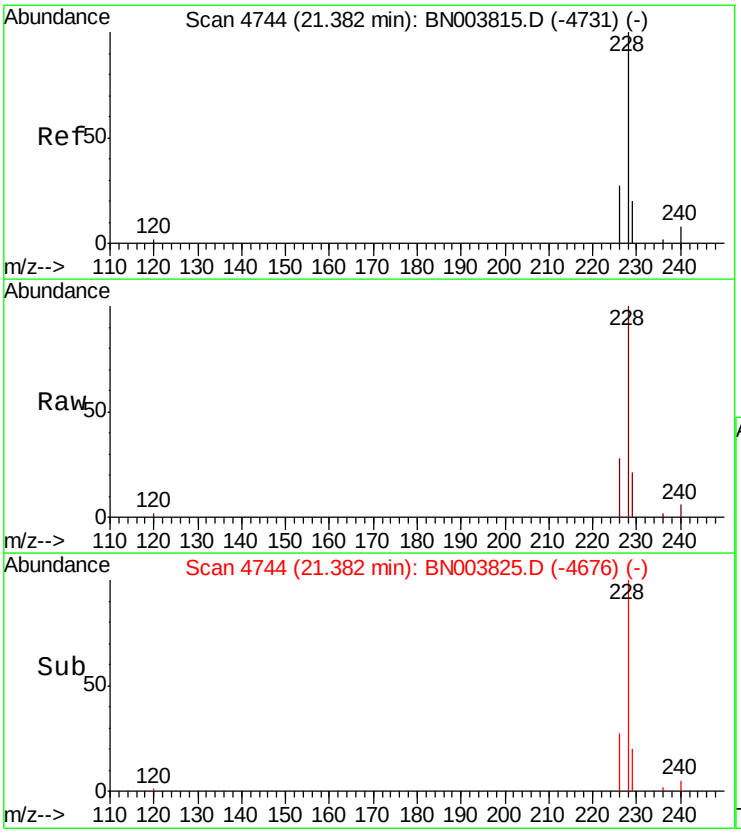
Tgt Ion:202 Resp: 64274

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
100	11.0	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
F9M14

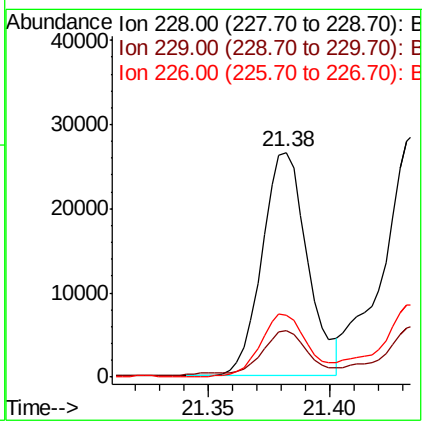
Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

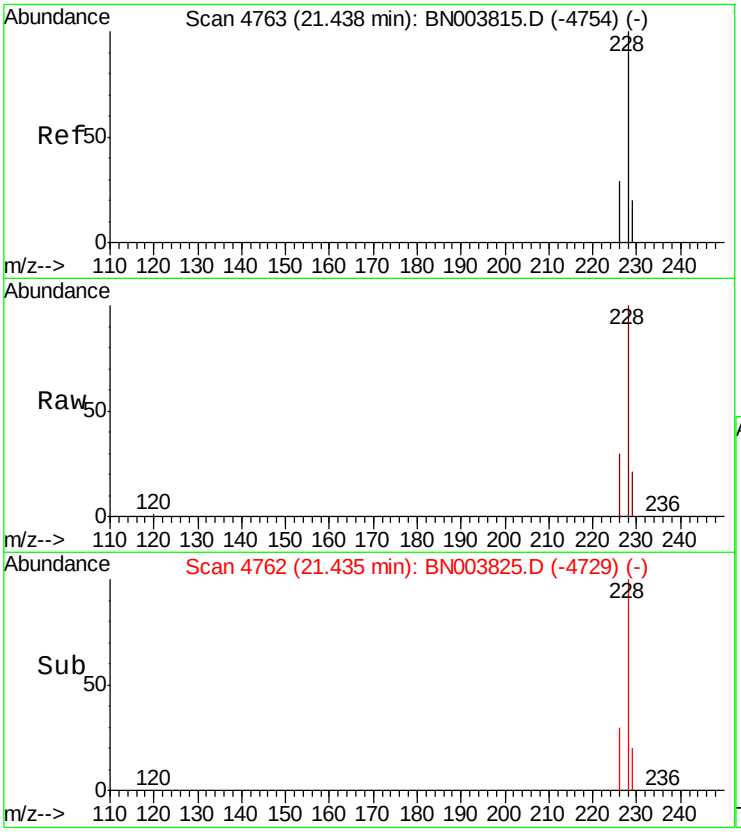


#18
Benzo(a)anthracene
Concen: 0.874 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:228 Resp: 34404

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	27.7	21.1	31.7

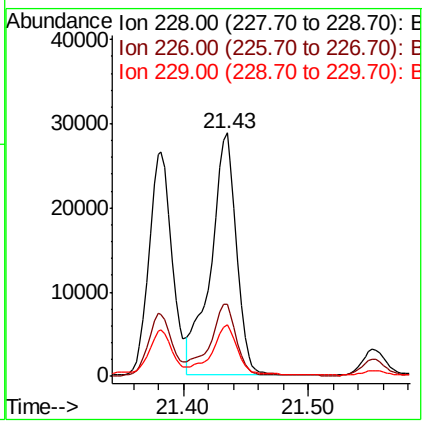




#19
Chrysene
Concen: 0.916 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

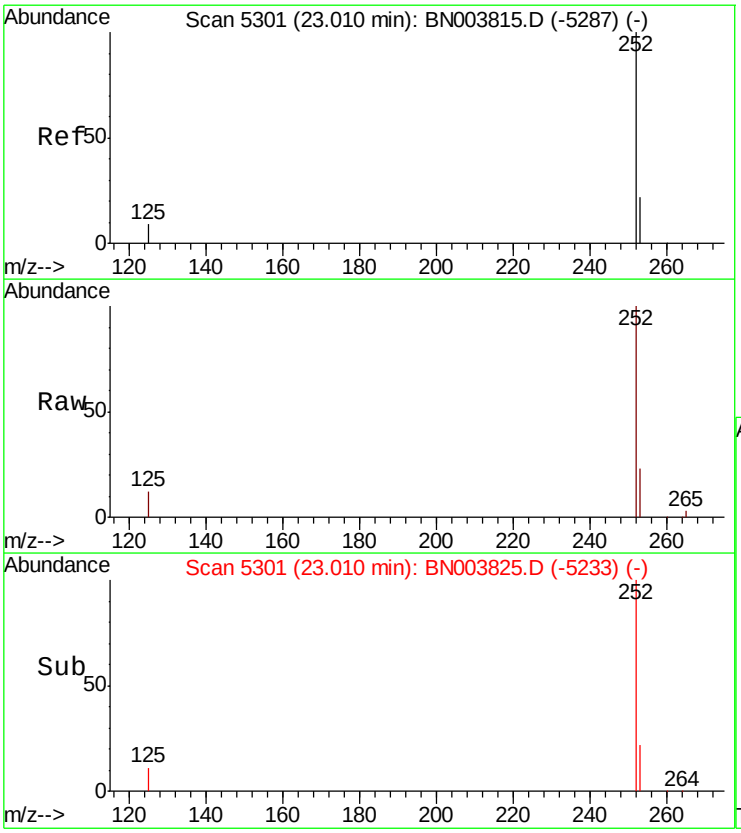
Tgt Ion:228 Resp: 41263

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.1	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F9M14

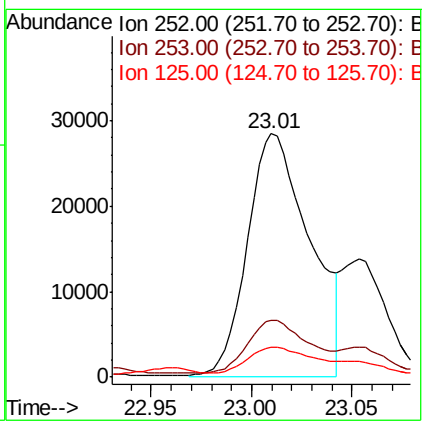
Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

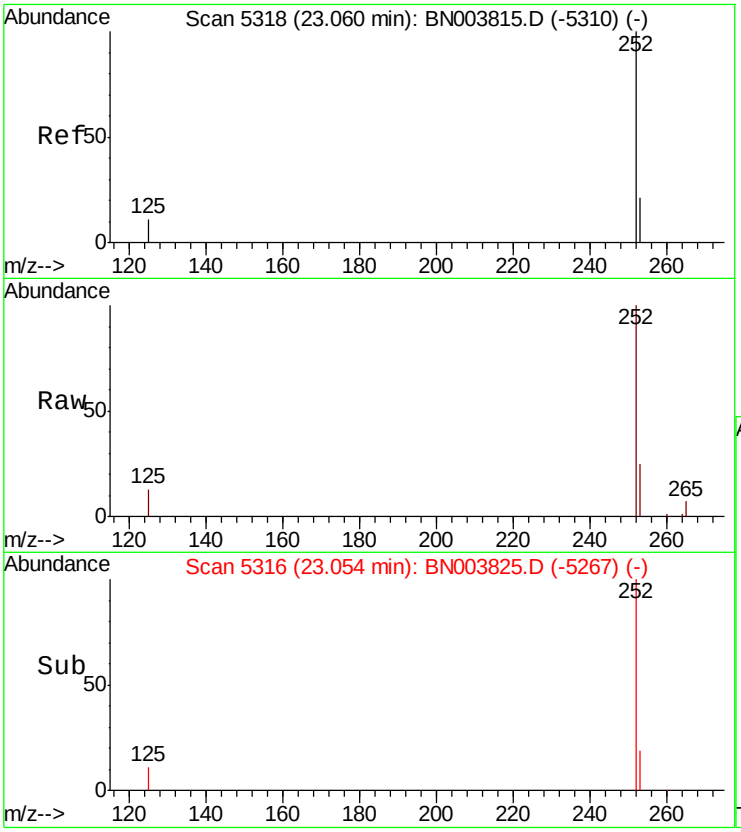


#21
Benzo(b)fluoranthene
Concen: 1.192 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:252 Resp: 61315

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	46.0
125	12.4	0.0	22.4

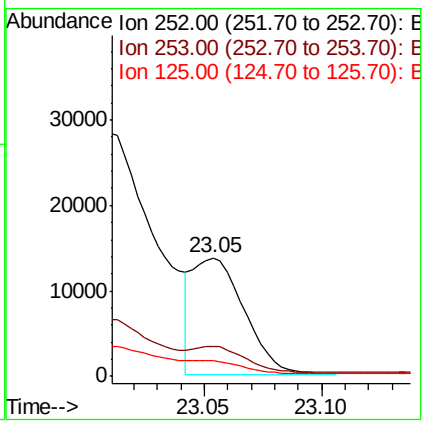




#22
Benzo(k)fluoranthene
Concen: 0.411 ng/ul m
RT: 23.05 min Scan# 5316
Delta R.T. -0.01 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

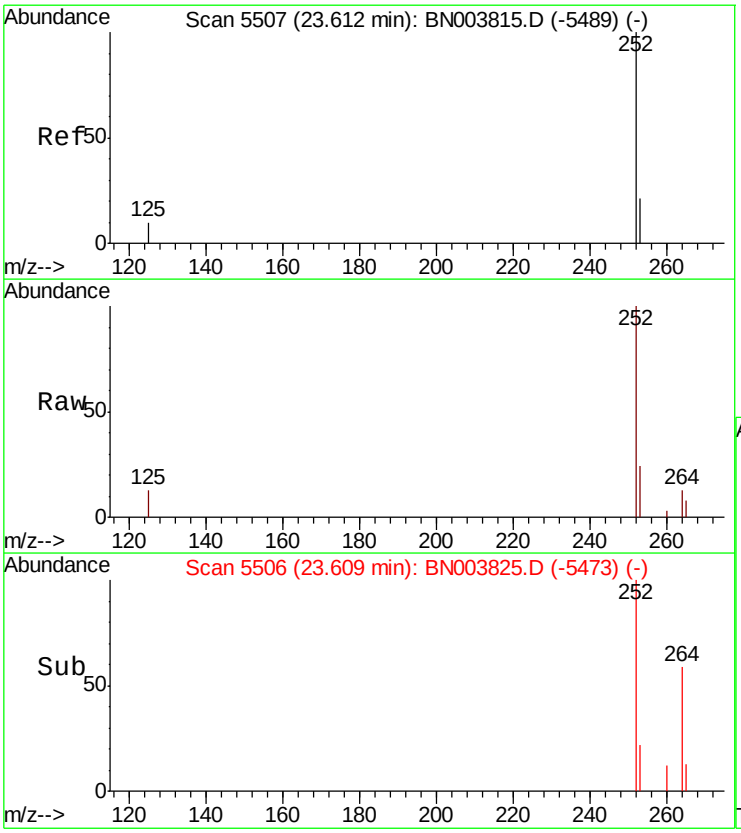
Tgt Ion:252 Resp: 20602

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.5	27.7
125	13.1	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
F9M14

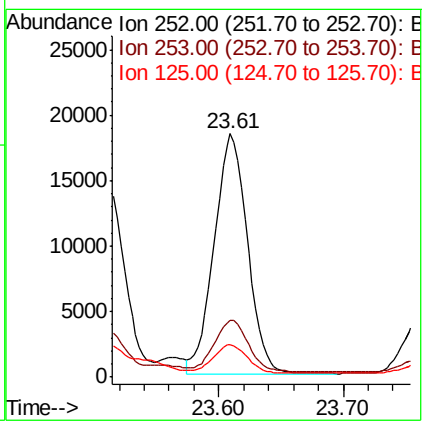
Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

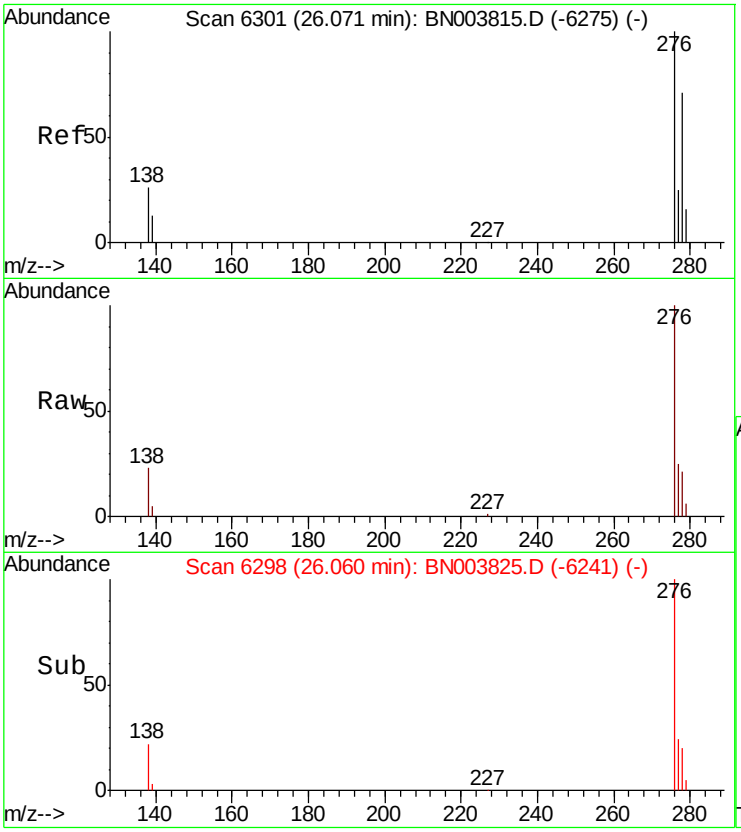


#23
Benzo(a)pyrene
Concen: 0.762 ng/ul
RT: 23.61 min Scan# 5506
Delta R.T. -0.00 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:252 Resp: 33947

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	13.4	10.2	15.4





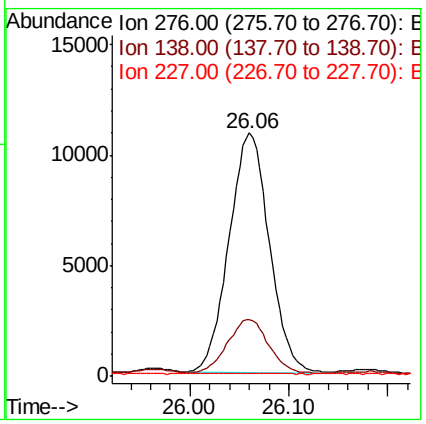
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.604 ng/ul
RT: 26.06 min Scan# 6298
Delta R.T. -0.01 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

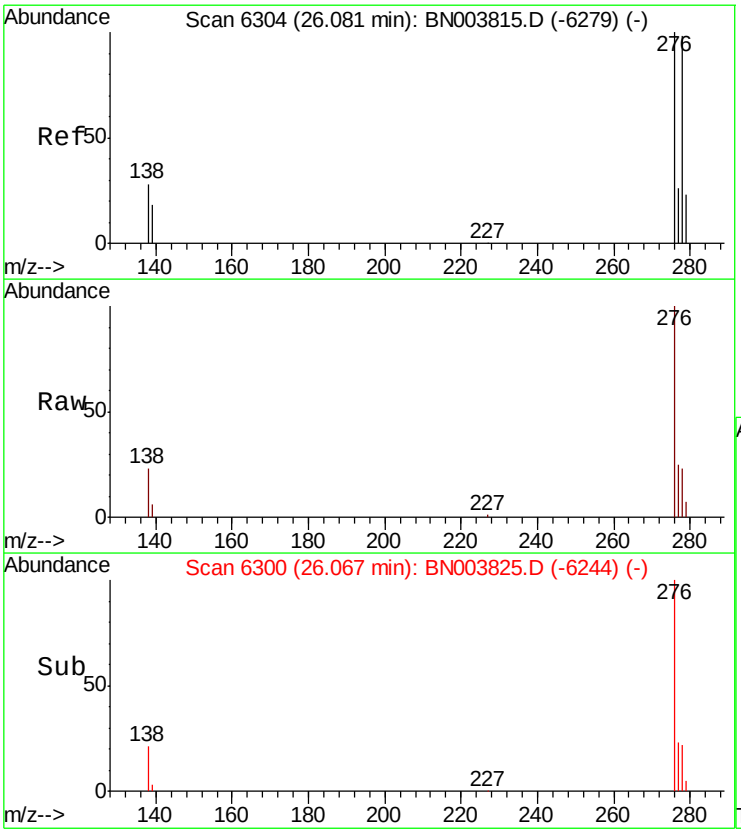
Tgt Ion:276 Resp: 30865

Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.3	30.5
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
F9M14

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM

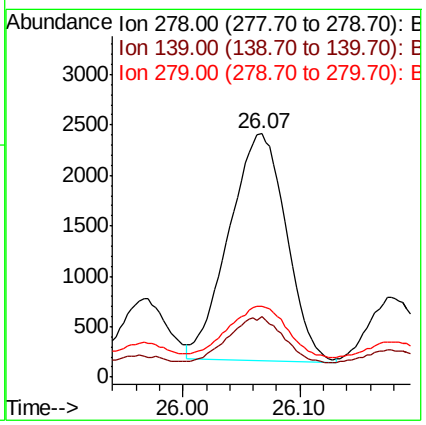


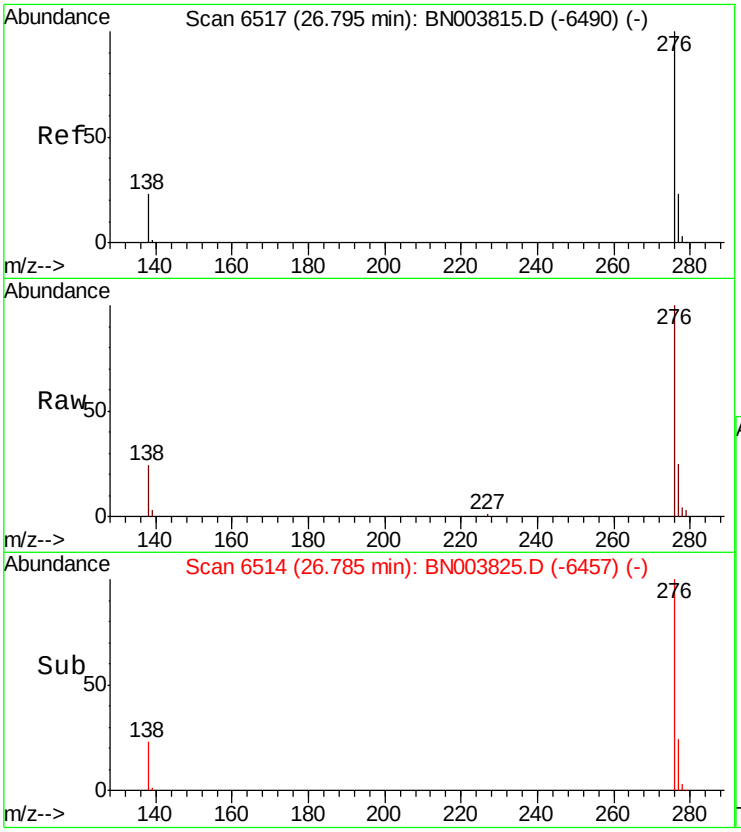


#25
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:278 Resp: 7653

Ion	Ratio	Lower	Upper
278	100		
139	25.0	14.2	21.4#
279	28.9	19.8	29.6

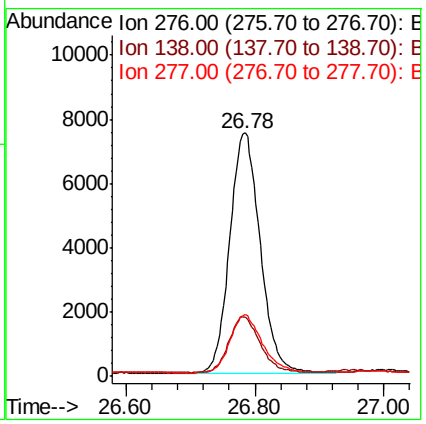




#26
Benzo(g,h,i)perylene
Concen: 0.553 ng/ul
RT: 26.78 min Scan# 6514
Delta R.T. -0.01 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion:276 Resp: 24541

Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.7	26.5
277	25.3	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
F9M14

Manual Integrations APPROVED
Sohil
12/12/2018 5:50:29 PM