Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002489.D
Acq On : 24 Aug 2018 04:57
Operator : JU/SJ
Sample : J4424-11DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YS7DL

Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

Quant Time: Aug 24 06:56:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1532	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6389	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3619	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	8791	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10148	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	9882m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	420	0.04	ng/ul	0.02
14) Fluoranthene-d10	19.09	212	1150	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	1571	0.093	ng/ul	96
12) Phenanthrene	17.09	178	4192	0.161	ng/ul#	89
13) Anthracene	17.19	178	1166	0.052	ng/ul#	93
15) Fluoranthene	19.12	202	10862	0.355	ng/ul	96
17) Pyrene	19.48	202	13077	0.378	ng/ul	96
18) Benzo(a)anthracene	21.24	228	5712	0.188	ng/ul#	84
19) Chrysene	21.29	228	7490	0.218	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	10583m	0.298	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	3612m	0.098	ng/ul	
23) Benzo(a)pyrene	23.37	252	7297	0.219	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.69	276	4977	0.143	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.69	278	1222	0.045	ng/ul#	78
26) Benzo(g,h,i)perylene	26.36	276	4822	0.162	ng/ul	98

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

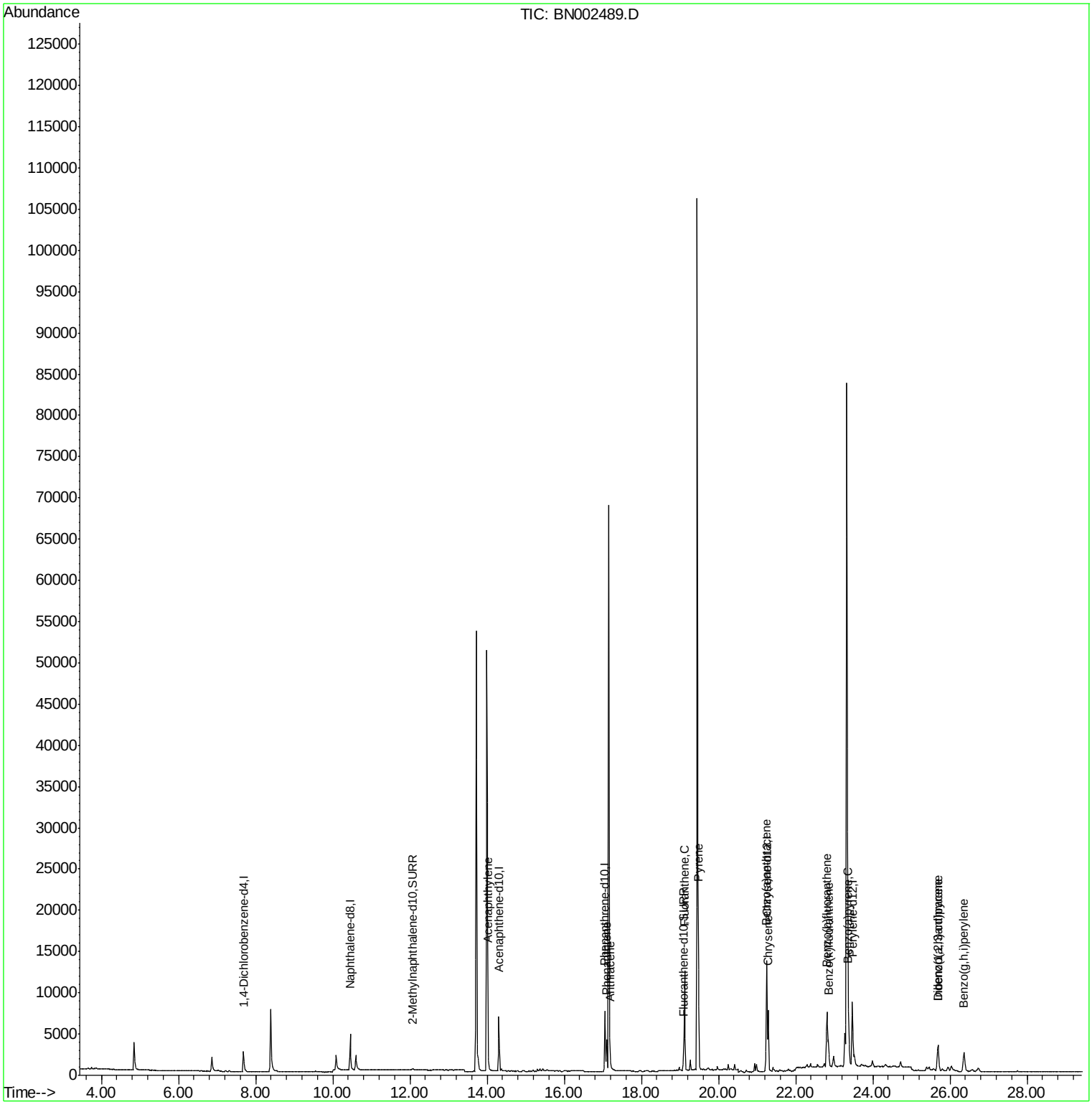
Quantitation Report (QT Reviewed)

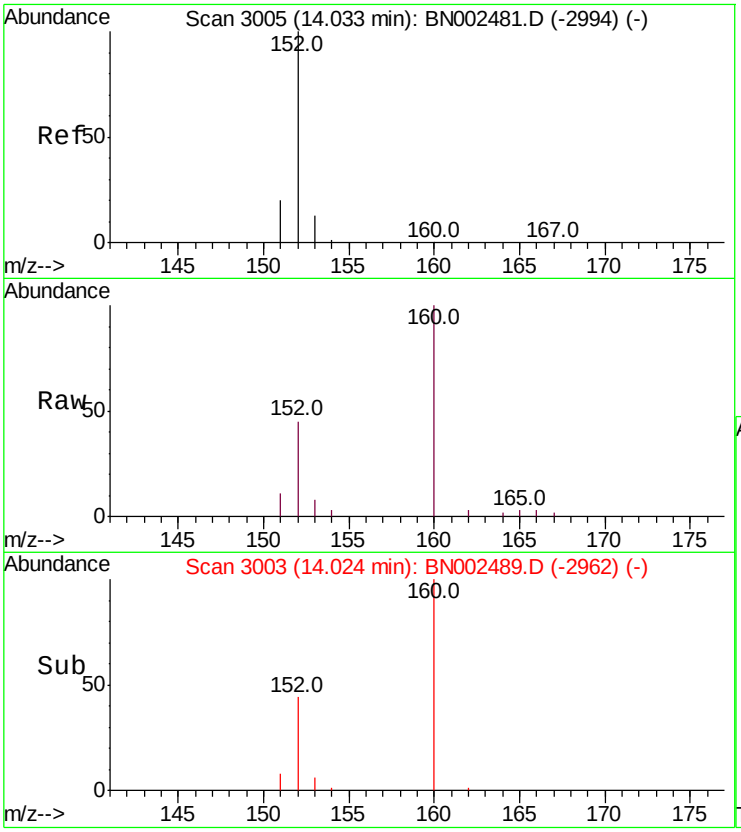
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002489.D
Acq On : 24 Aug 2018 04:57
Operator : JU/SJ
Sample : J4424-11DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 24 06:56:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YS7DL

Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

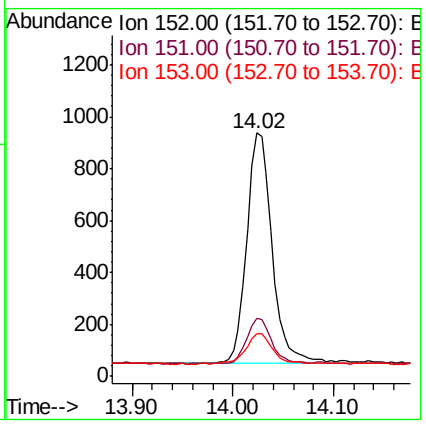




#7
Acenaphthylene
Concen: 0.093 ng/ul
RT: 14.02 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

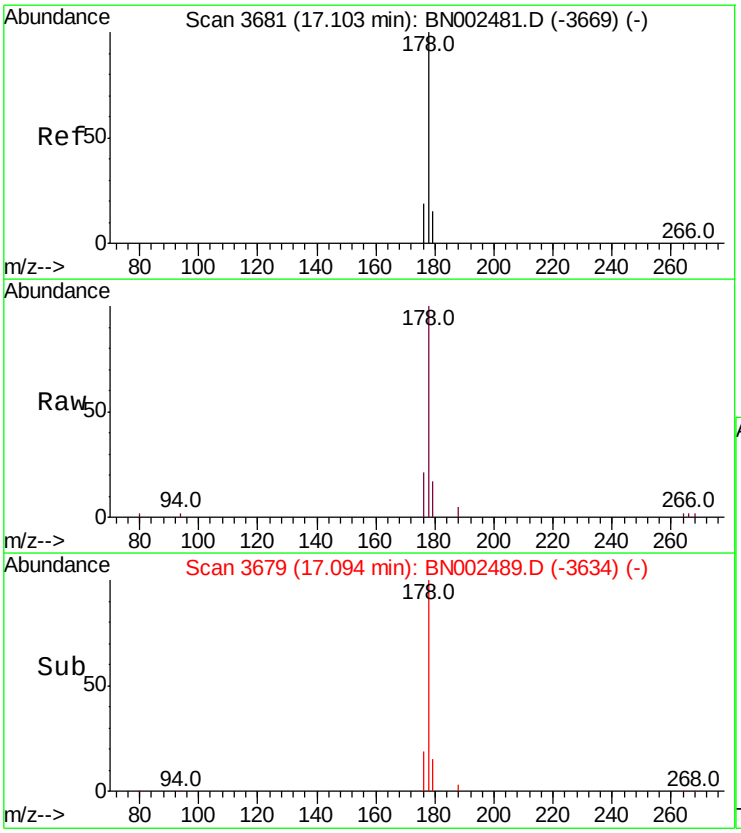
Tgt Ion:152 Resp: 1571

Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.1	25.7
153	17.7	12.8	19.2



Instrument :
BNA_N
ClientSampleId :
A3YS7DL

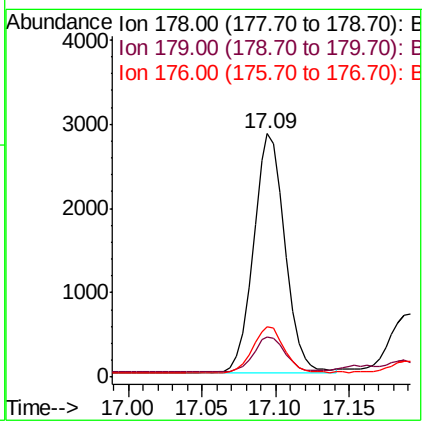
Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

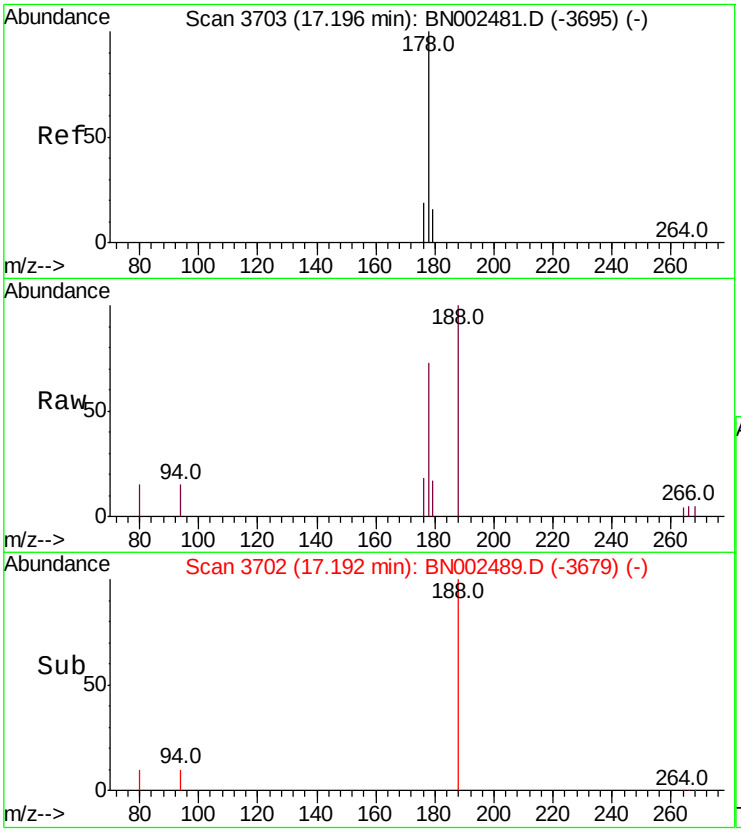


#12
Phenanthrene
Concen: 0.161 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:178 Resp: 4192

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.4	27.6#
176	20.9	13.6	20.4#





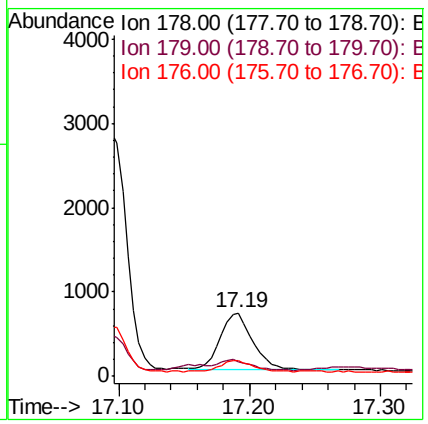
#13
Anthracene
Concen: 0.052 ng/ul
RT: 17.19 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

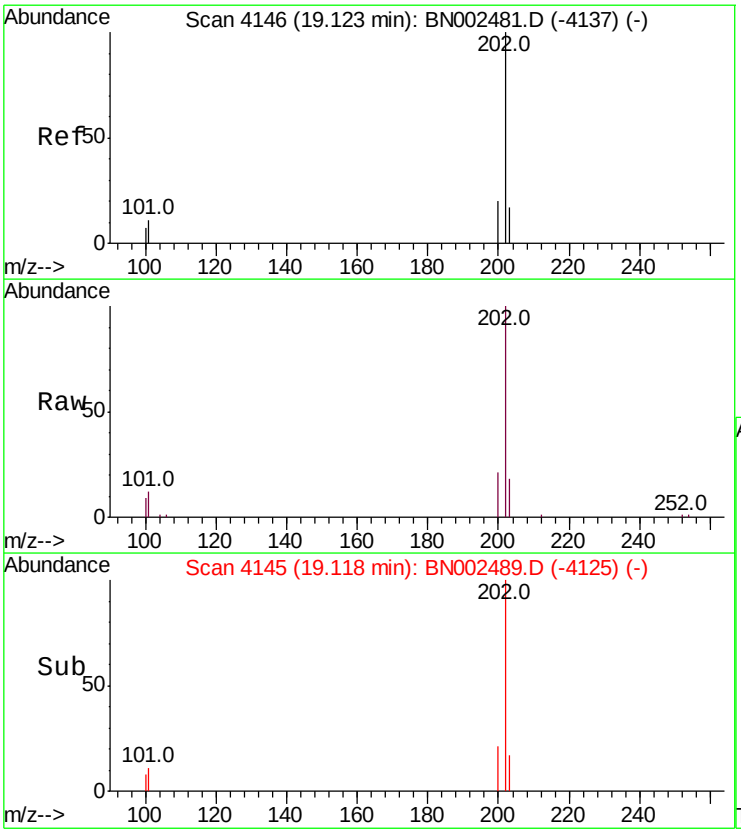
Tgt Ion:178 Resp: 1166

Ion	Ratio	Lower	Upper
178	100		
179	23.6	18.1	27.1
176	24.3	14.7	22.1#

Instrument :
BNA_N
ClientSampleId :
A3YS7DL

Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

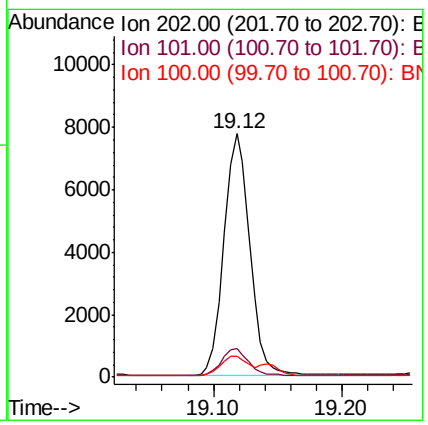


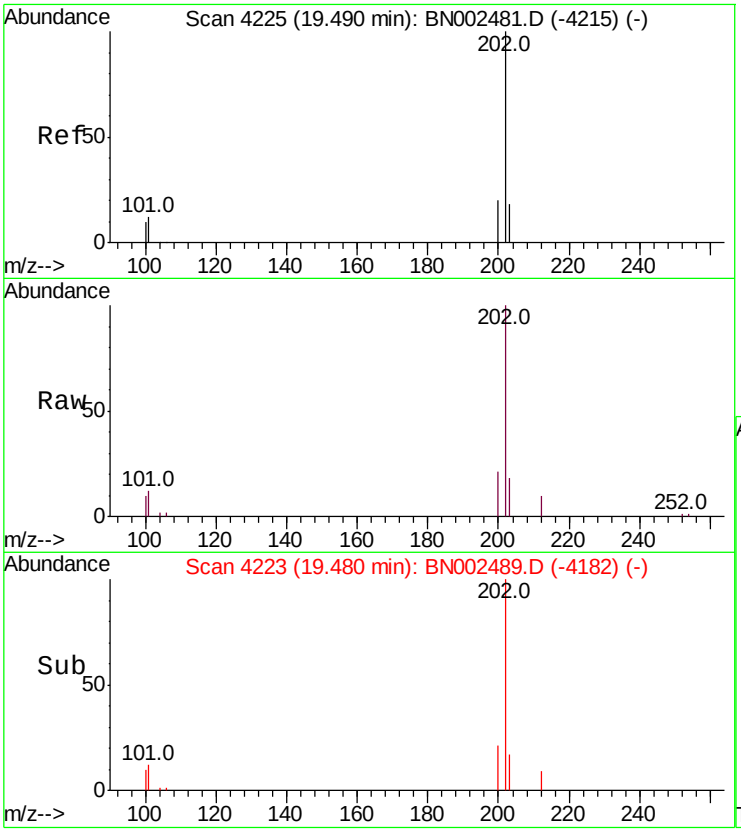


#15
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:202 Resp: 10862

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.0
100	8.8	0.0	30.0





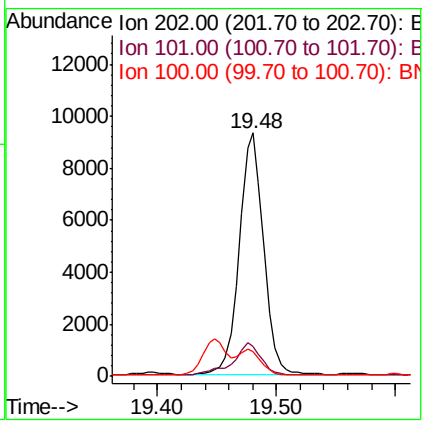
#17
Pyrene
Concen: 0.378 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

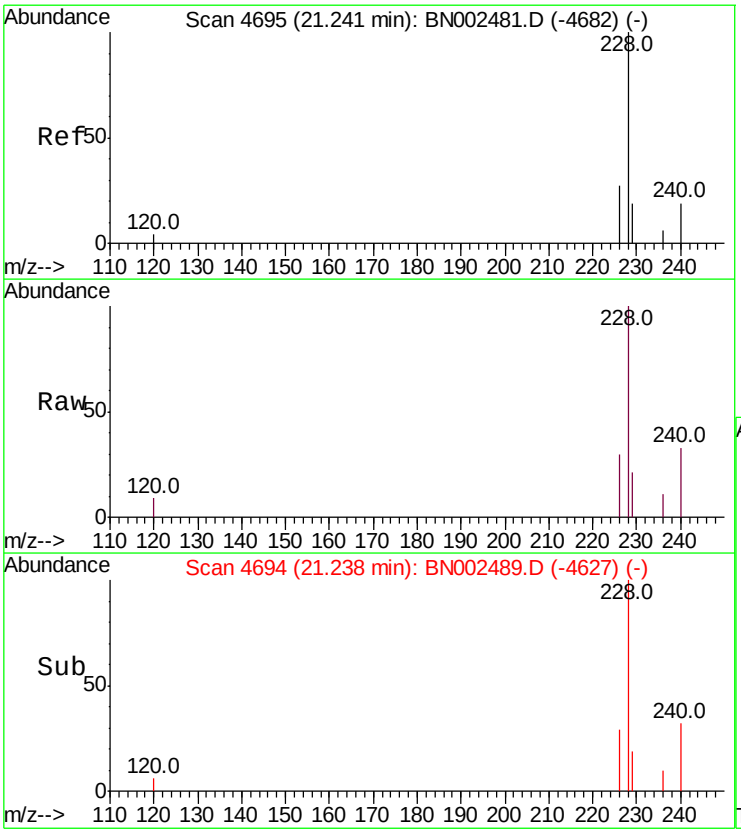
Tgt Ion:202 Resp: 13077

Ion	Ratio	Lower	Upper
202	100		
101	12.4	12.0	18.0
100	10.3	8.0	12.0

Instrument :
BNA_N
ClientSampleId :
A3YS7DL

Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

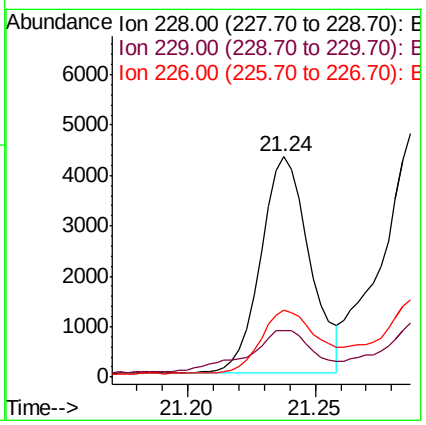


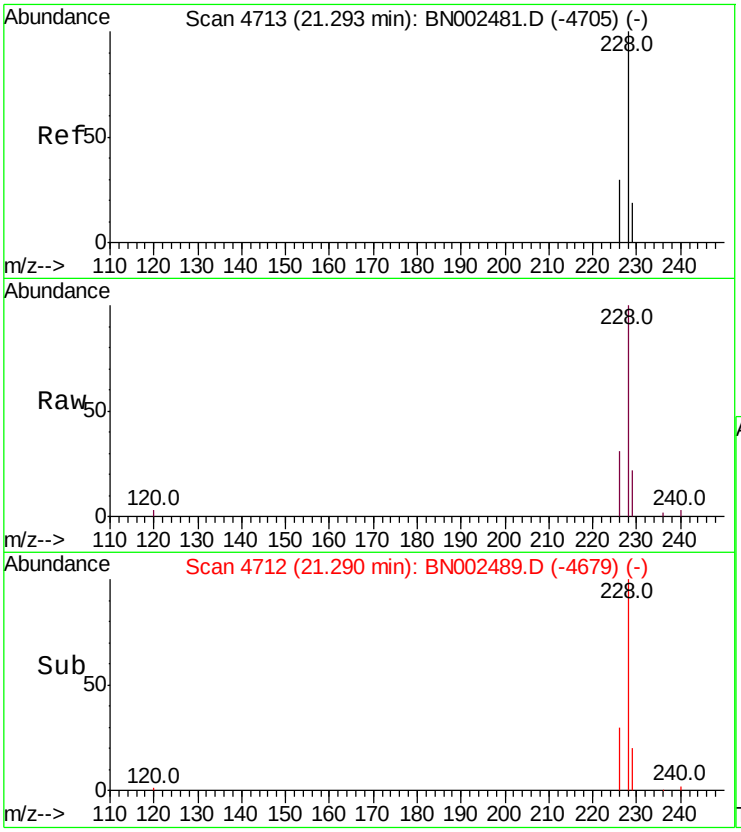


#18
Benzo(a)anthracene
Concen: 0.188 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.00 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:228 Resp: 5712

Ion	Ratio	Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	30.2	17.0	25.6#

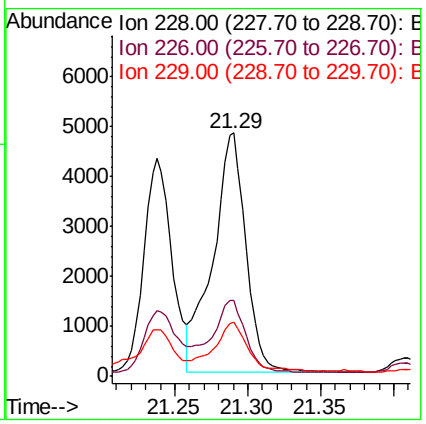




#19
Chrysene
Concen: 0.218 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.00 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

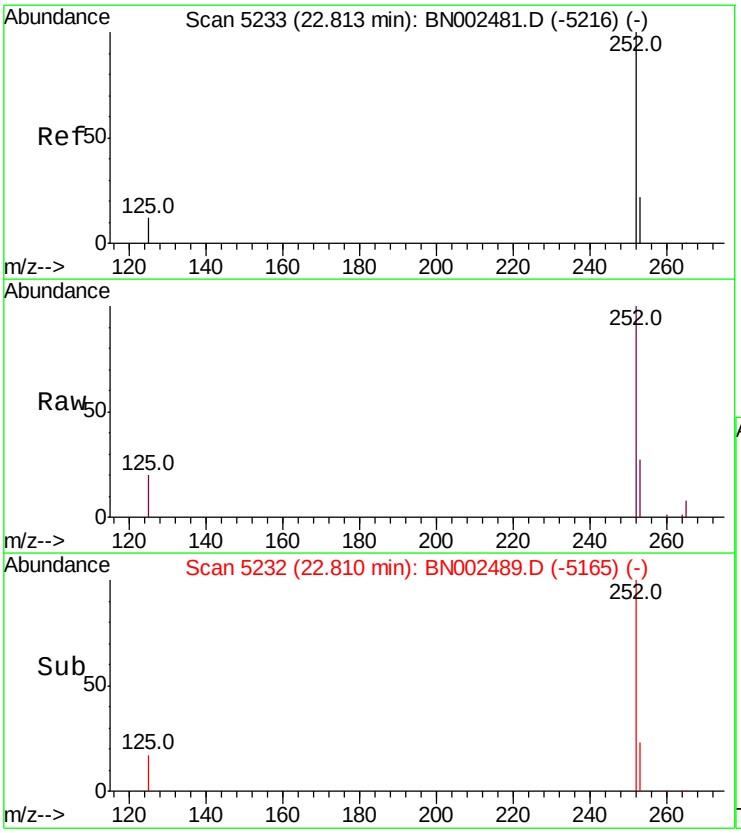
Tgt Ion:228 Resp: 7490

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.0	17.7	26.5



Instrument :
BNA_N
ClientSampleId :
A3YS7DL

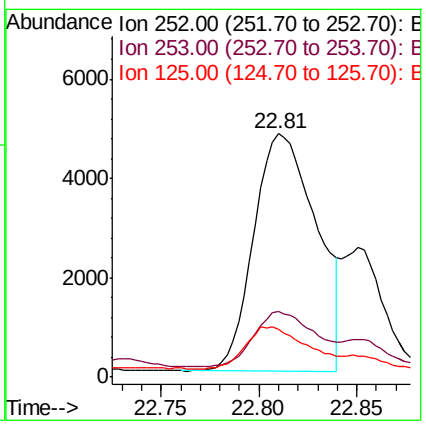
Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

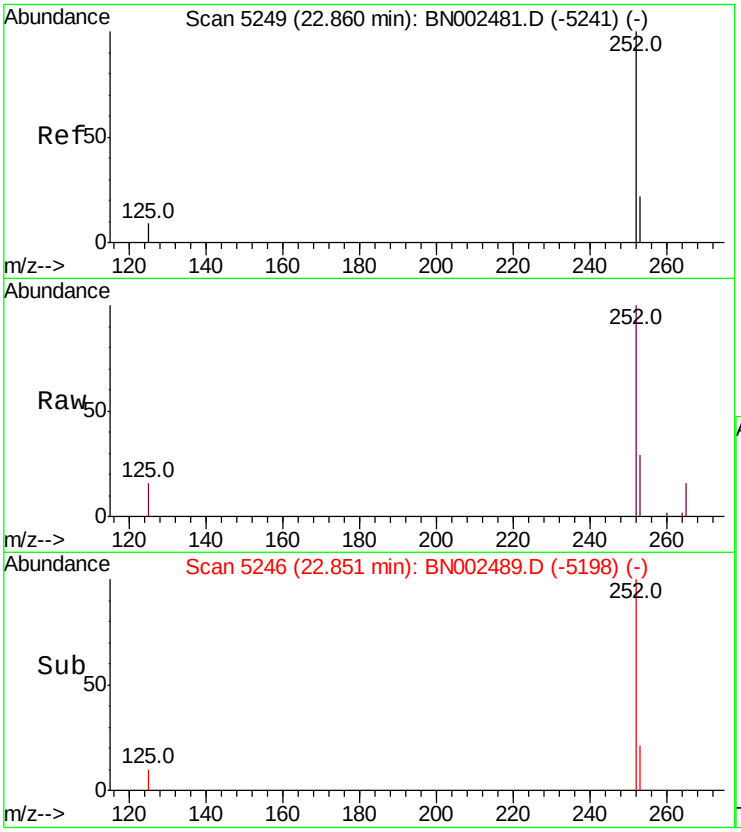


#21
Benzo(b)fluoranthene
Concen: 0.298 ng/ul m
RT: 22.81 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:252 Resp: 10583

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	64.2
125	19.8	0.0	35.0

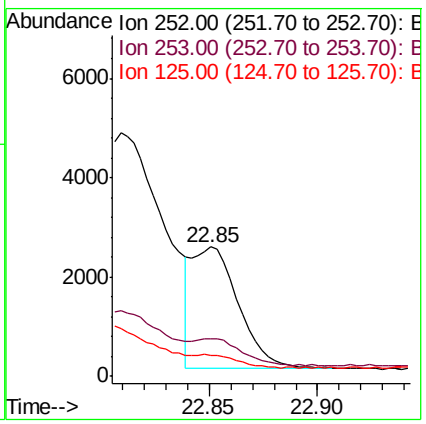




#22
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 22.85 min Scan# 5246
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

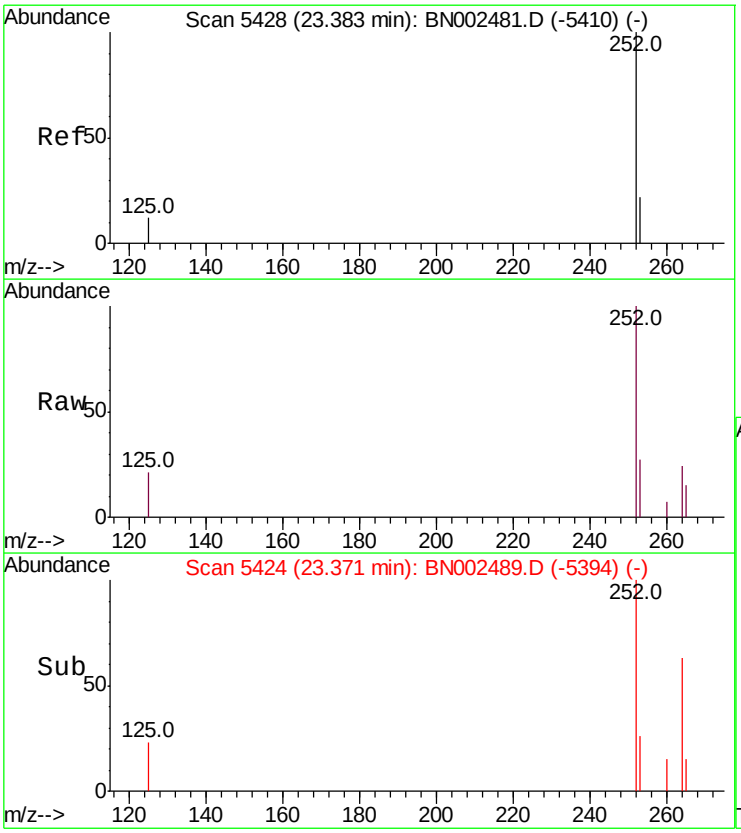
Tgt Ion:252 Resp: 3612

Ion	Ratio	Lower	Upper
252	100		
253	28.9	24.5	36.7
125	16.5	13.7	20.5



Instrument :
BNA_N
ClientSampleId :
A3YS7DL

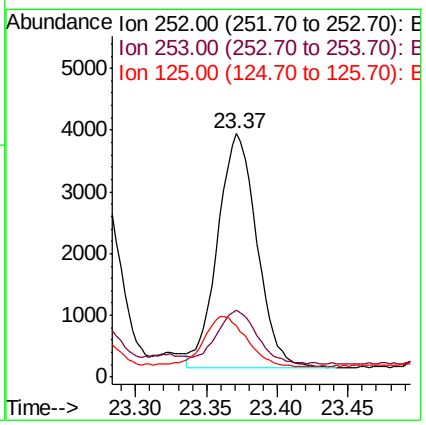
Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

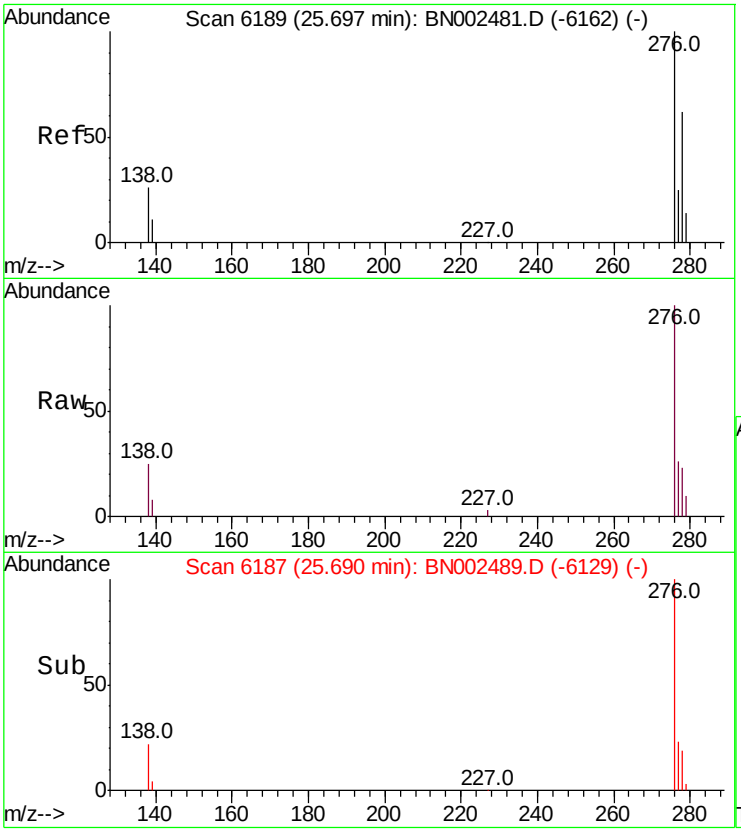


#23
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:252 Resp: 7297

Ion	Ratio	Lower	Upper
252	100		
253	27.4	16.0	24.0#
125	21.1	12.0	18.0#





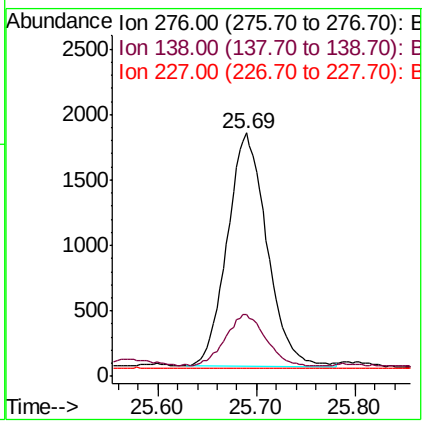
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

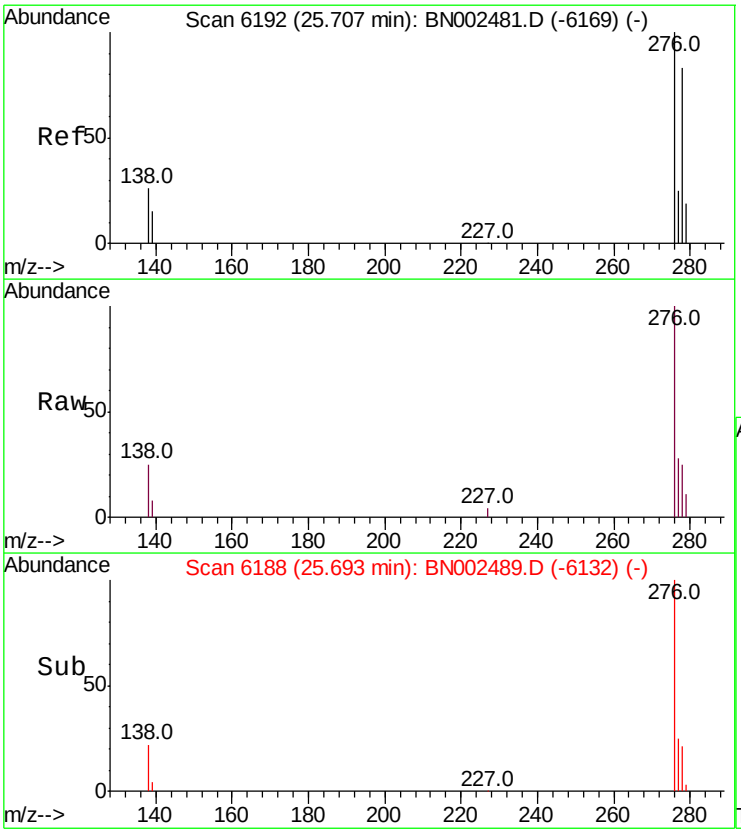
Instrument :
BNA_N
ClientSampleId :
A3YS7DL

Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM

Tgt Ion:276 Resp: 4977

Ion	Ratio	Lower	Upper
276	100		
138	22.4	28.0	42.0#
227	0.2	0.8	1.2#

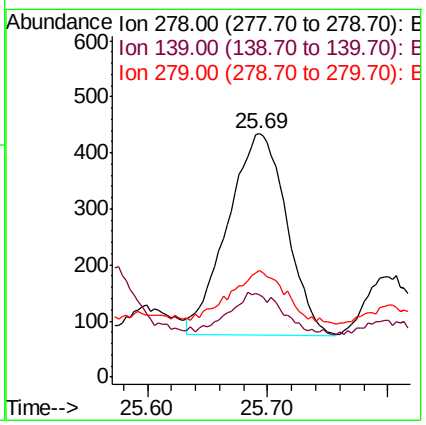


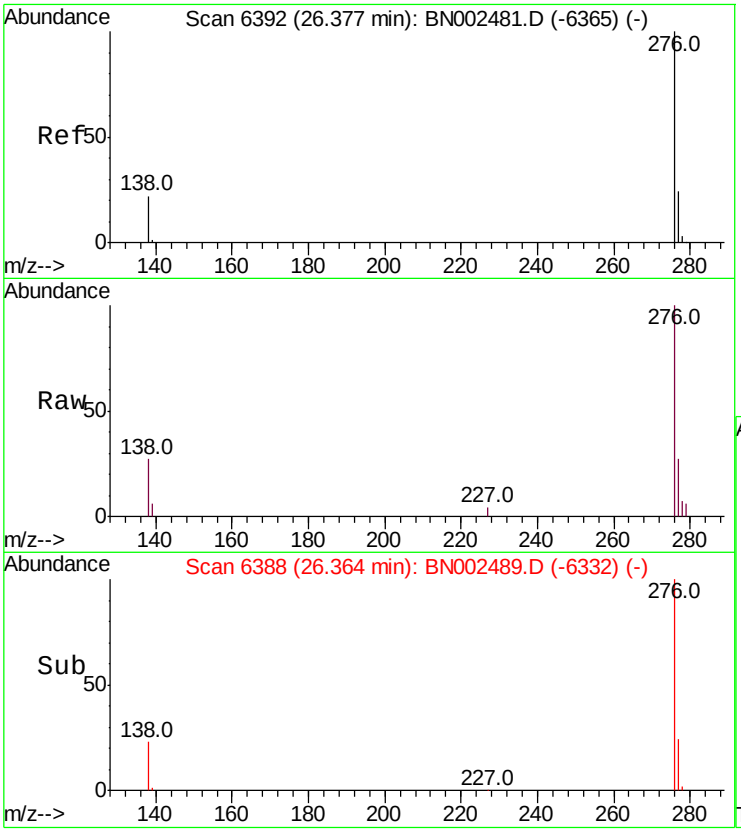


#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.69 min Scan# 6188
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:278 Resp: 1222

Ion	Ratio	Lower	Upper
278	100		
139	33.9	17.4	26.0#
279	43.8	25.9	38.9#

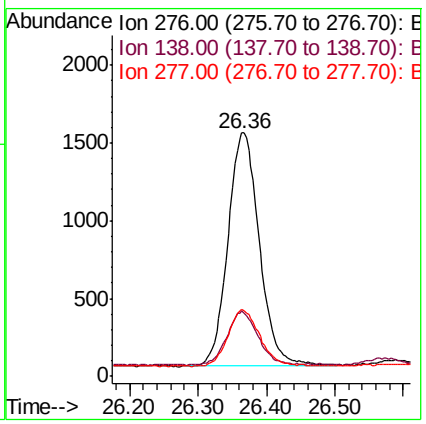




#26
Benzo(g,h,i)perylene
Concen: 0.162 ng/ul
RT: 26.36 min Scan# 6388
Delta R.T. -0.01 min
Lab File: BN002489.D
Acq: 24 Aug 2018 04:57

Tgt Ion:276 Resp: 4822

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.8
277	27.3	20.5	30.7



Instrument :
BNA_N
ClientSampleId :
A3YS7DL

Manual Integrations APPROVED
Sohil
8/24/2018 5:12:00 PM