Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011315.D
Acq On : 31 Jul 2020 01:16
Operator : CG/JU
Sample : L3388-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

Quant Time: Jul 31 03:54:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	742	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2219	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5228m	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	5377	0.40	ng/ul	0.00
20) Perylene-d12	23.19	264	6818	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	2745	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	8531	0.34	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.89	178	748	0.043	ng/ul#	82
15) Fluoranthene	18.93	202	5333	0.250	ng/ul	97
17) Pyrene	19.29	202	4243m	0.174	ng/ul	
18) Benzo(a)anthracene	21.05	228	3729	0.181	ng/ul	97
19) Chrysene	21.10	228	4349	0.184	ng/ul	96
21) Benzo(b)fluoranthene	22.57	252	5374m	0.189	ng/ul	
22) Benzo(k)fluoranthene	22.61	252	1996m	0.063	ng/ul	
23) Benzo(a)pyrene	23.10	252	3320	0.134	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.26	276	2353	0.090	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.27	278	705	0.034	ng/ul#	28
26) Benzo(g,h,i)perylene	25.89	276	2358	0.100	ng/ul#	84

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

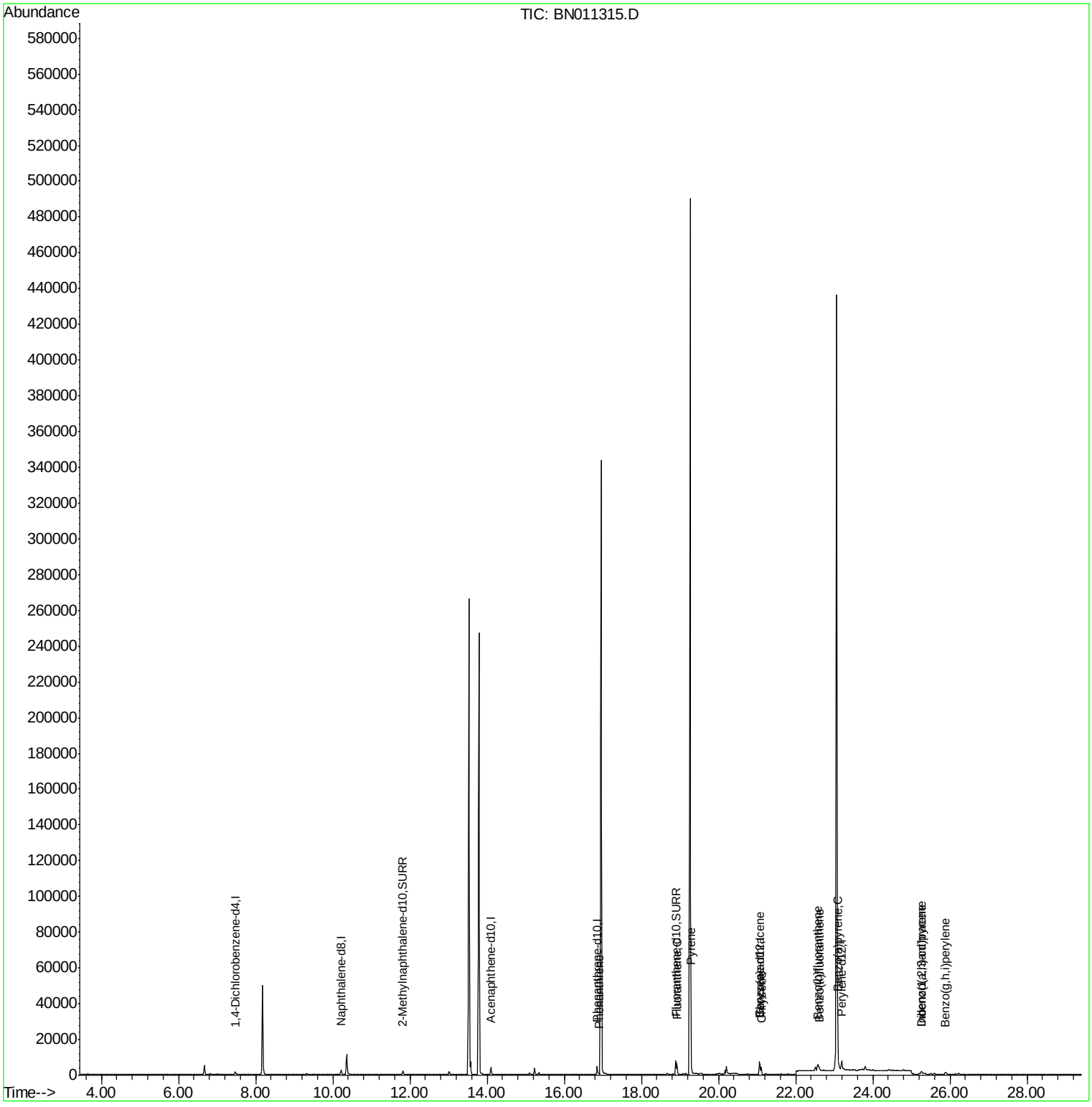
Quantitation Report (QT Reviewed)

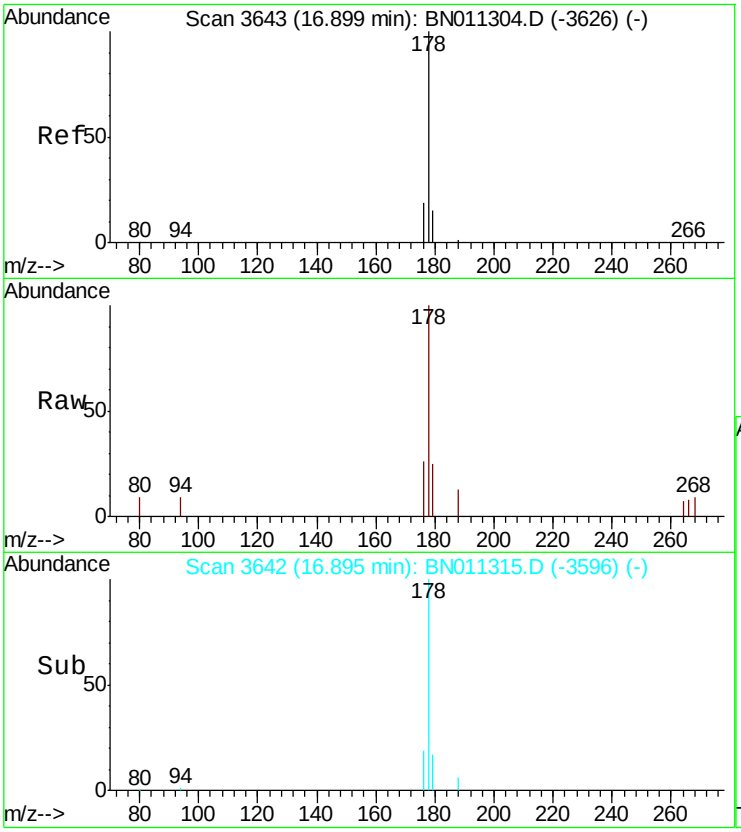
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073020\
Data File : BN011315.D
Acq On : 31 Jul 2020 01:16
Operator : CG/JU
Sample : L3388-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 31 03:54:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 02:58:38 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

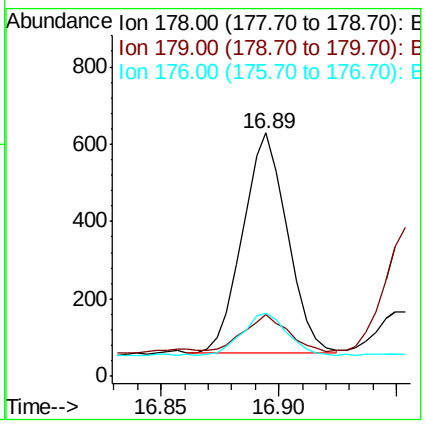




#12
Phenanthrene
Concen: 0.043 ng/ul
RT: 16.89 min Scan# 3642
Delta R.T. -0.00 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

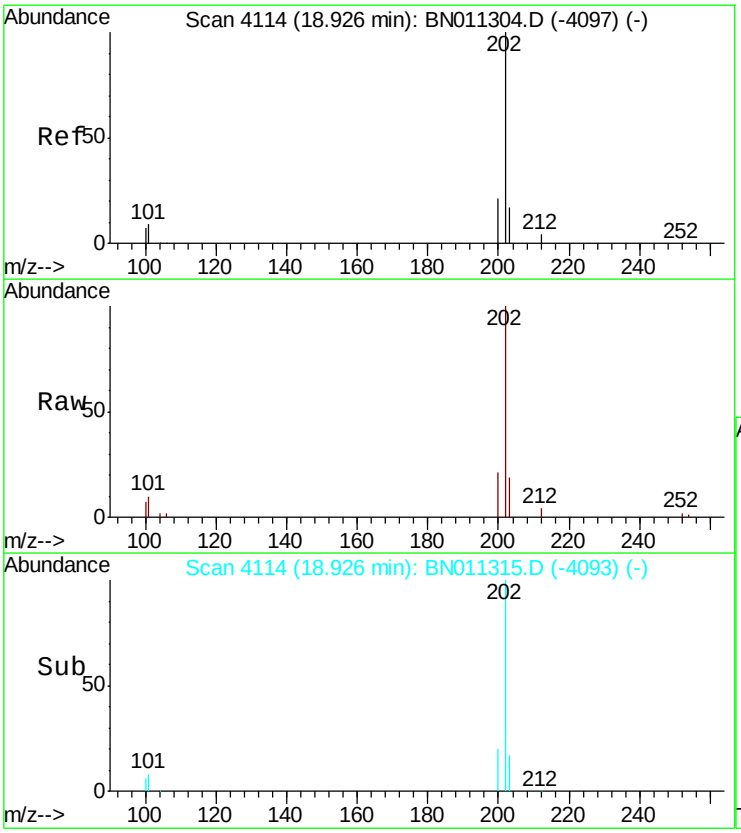
Tgt Ion:178 Resp: 748

Ion	Ratio	Lower	Upper
178	100		
179	25.4	12.6	18.8#
176	25.8	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
C0AE5

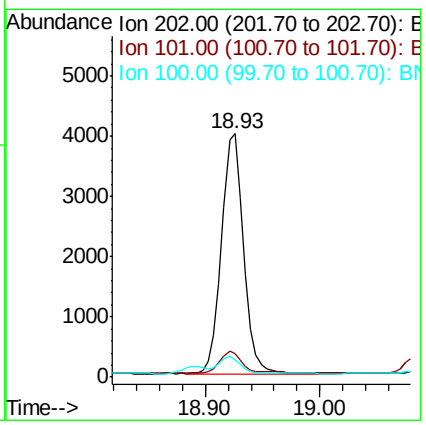
Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

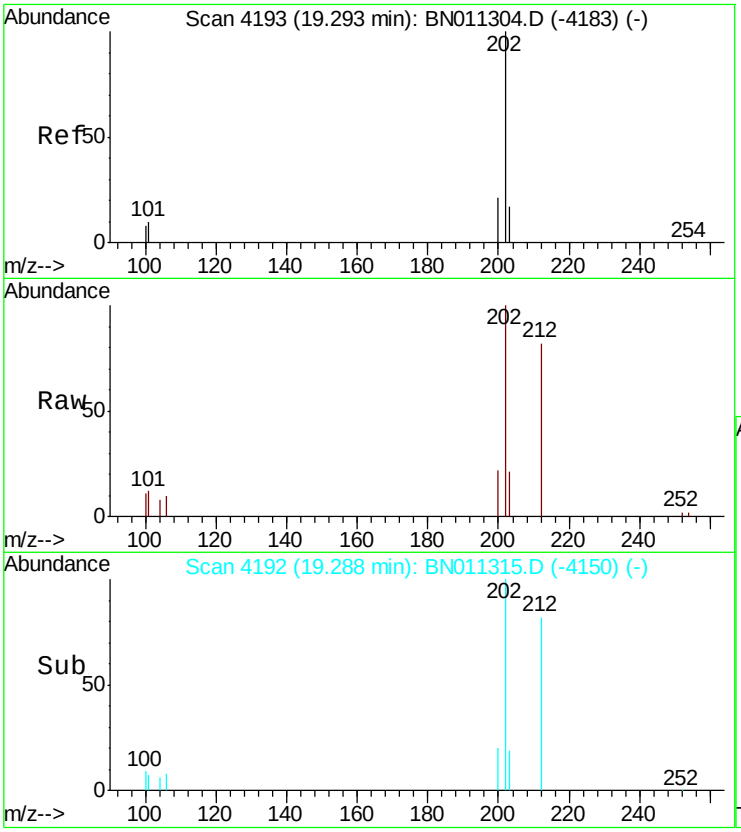


#15
Fluoranthene
Concen: 0.250 ng/ul
RT: 18.93 min Scan# 4114
Delta R.T. -0.00 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:202 Resp: 5333

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.2
100	7.2	0.0	26.8





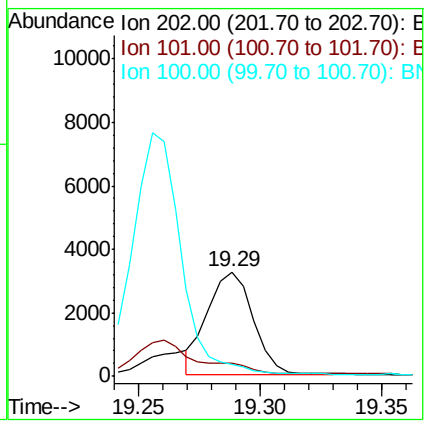
#17
Pyrene
Concen: 0.174 ng/ul m
RT: 19.29 min Scan# 4192
Delta R.T. -0.00 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

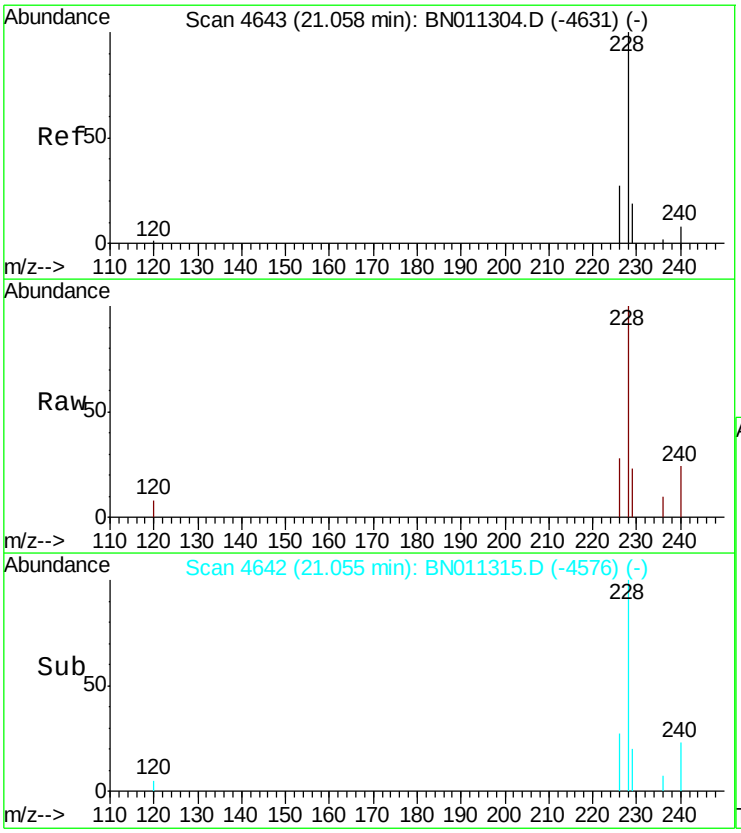
Tgt Ion:202 Resp: 4243

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.5	12.7
100	11.2	7.1	10.7#

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

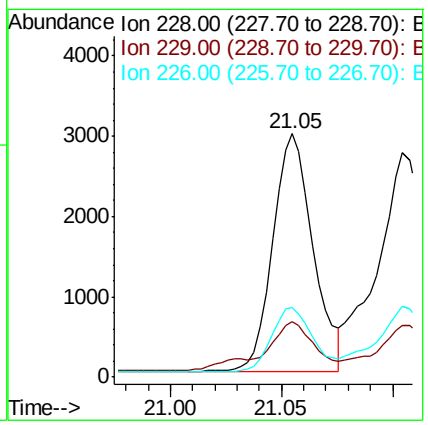


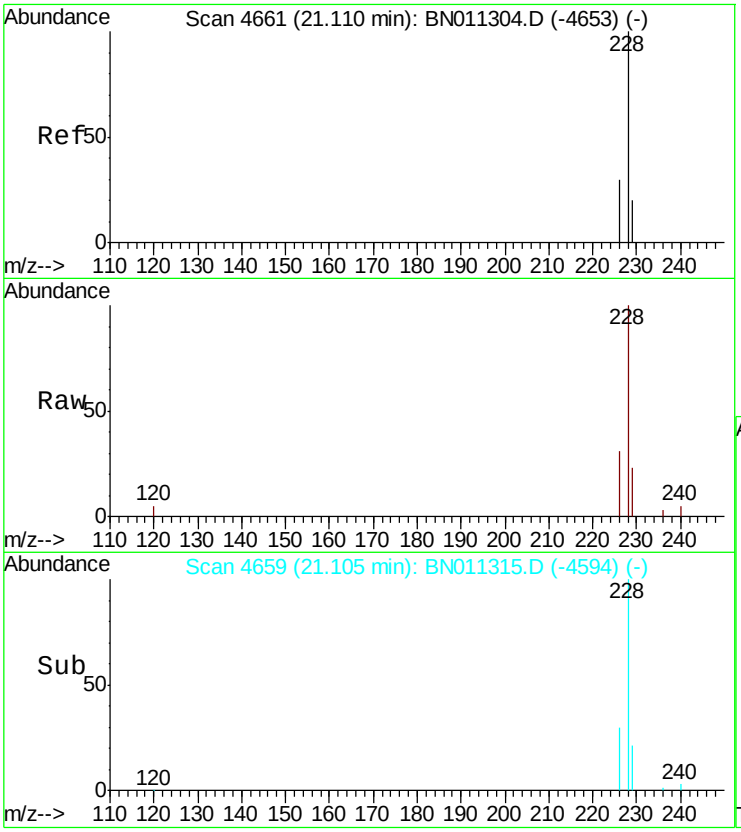


#18
Benzo(a)anthracene
Concen: 0.181 ng/ul
RT: 21.05 min Scan# 4642
Delta R.T. -0.01 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:228 Resp: 3729

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.1	24.1
226	28.4	22.2	33.2

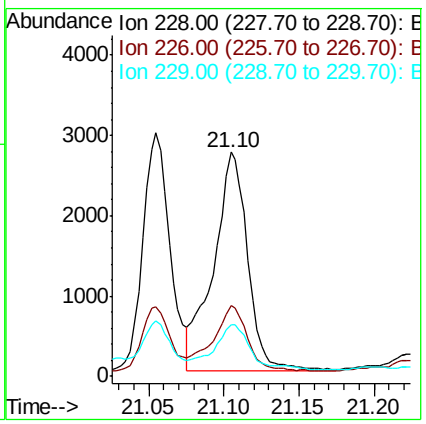




#19
Chrysene
Concen: 0.184 ng/ul
RT: 21.10 min Scan# 4659
Delta R.T. -0.01 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

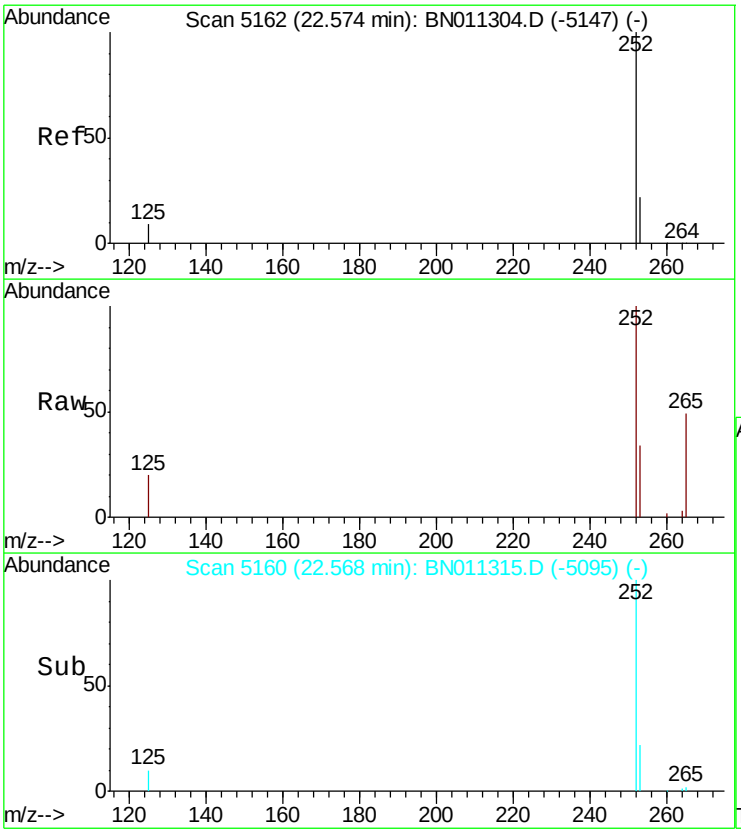
Tgt Ion:228 Resp: 4349

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.0	15.8	23.6



Instrument :
BNA_N
ClientSampleId :
C0AE5

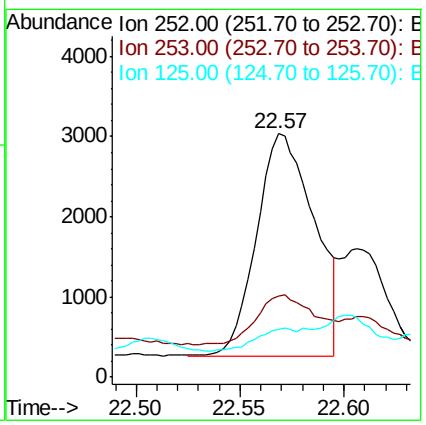
Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

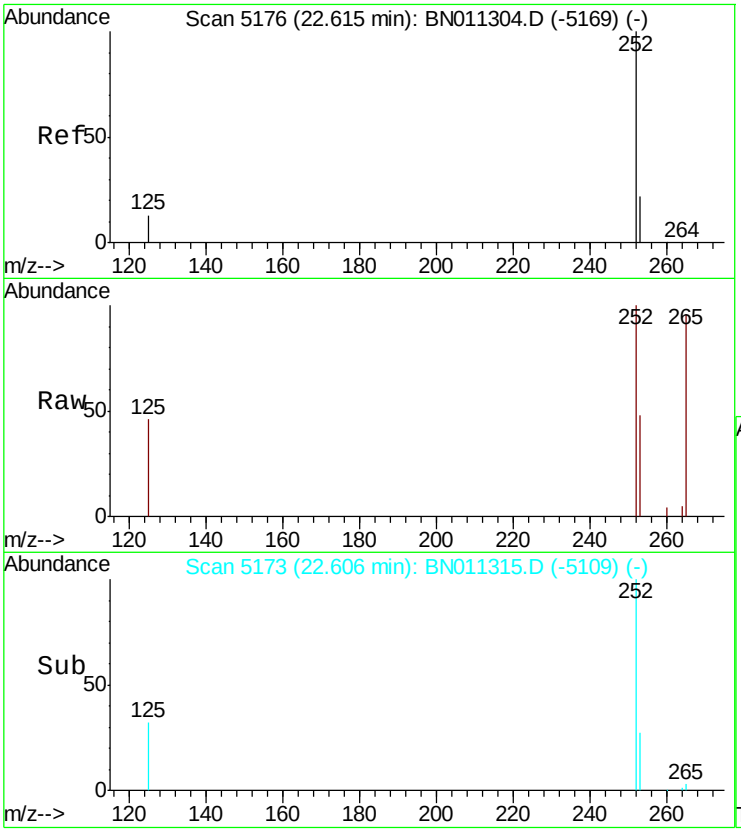


#21
Benzo(b)fluoranthene
Concen: 0.189 ng/ul m
RT: 22.57 min Scan# 5160
Delta R.T. -0.01 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:252 Resp: 5374

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	51.8
125	19.6	0.0	24.2





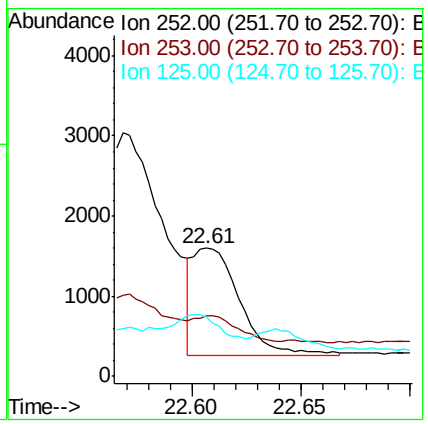
#22
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 22.61 min Scan# 5173
Delta R.T. -0.01 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

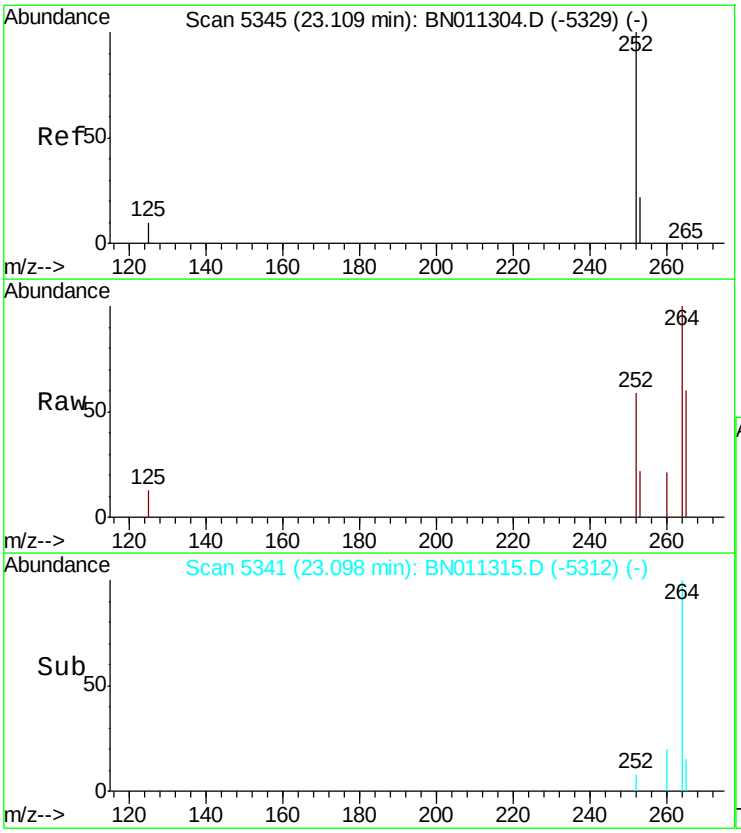
Tgt Ion:252 Resp: 1996

Ion	Ratio	Lower	Upper
252	100		
253	47.7	21.4	32.0#
125	46.2	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

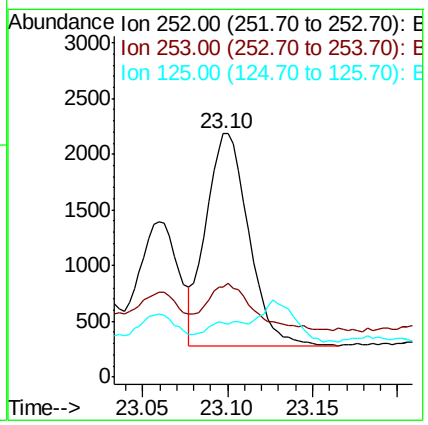


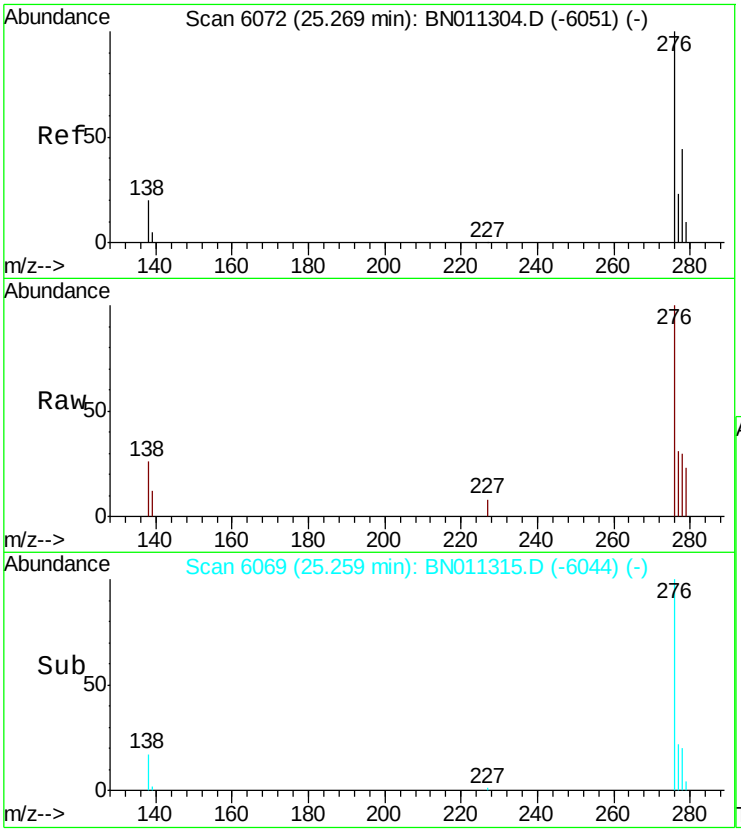


#23
Benzo(a)pyrene
Concen: 0.134 ng/ul
RT: 23.10 min Scan# 5341
Delta R.T. -0.01 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:252 Resp: 3320

Ion	Ratio	Lower	Upper
252	100		
253	36.9	22.6	34.0#
125	22.0	12.6	18.8#





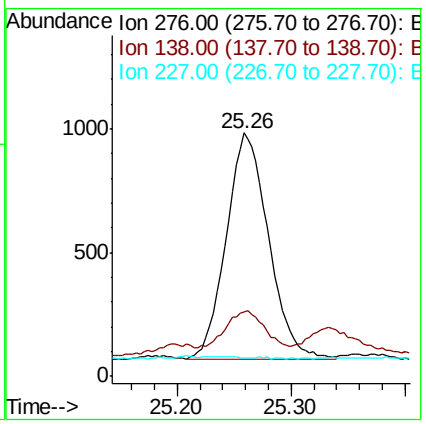
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 25.26 min Scan# 6069
Delta R.T. -0.02 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

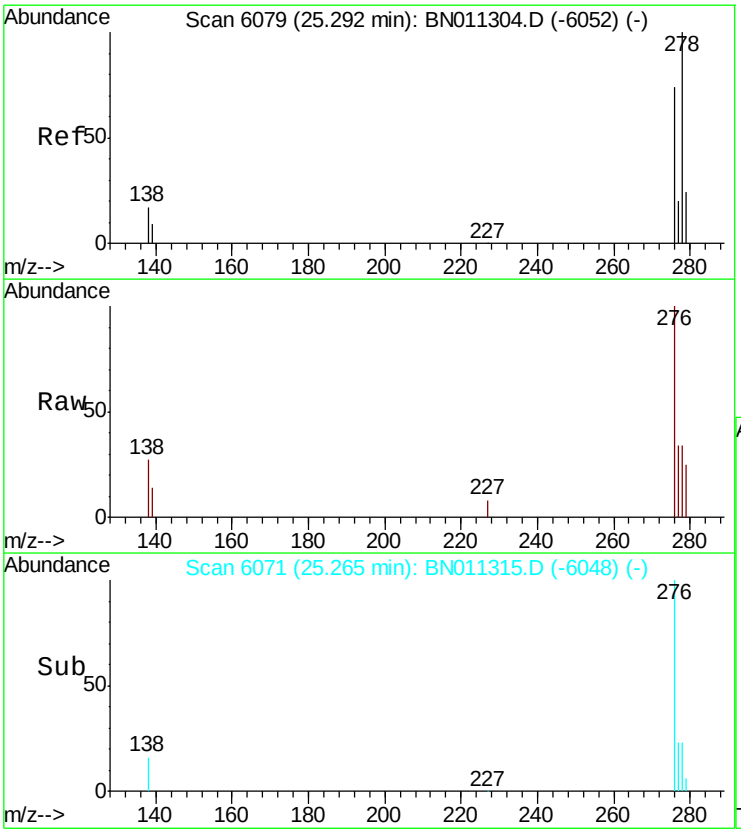
Tgt Ion:276 Resp: 2353

Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.1	27.1
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM

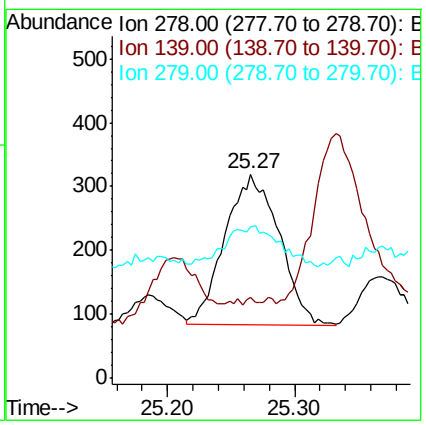


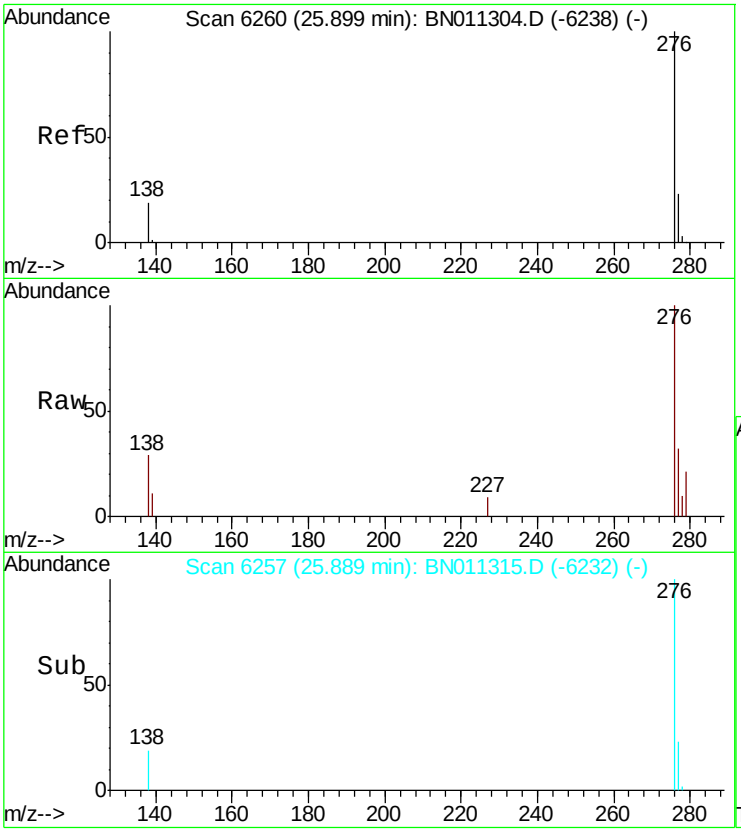


#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.27 min Scan# 6071
Delta R.T. -0.02 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:278 Resp: 705

Ion	Ratio	Lower	Upper
278	100		
139	39.5	14.0	21.0#
279	74.3	22.9	34.3#

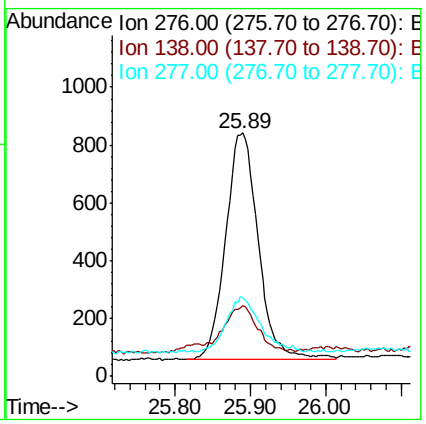




#26
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 25.89 min Scan# 6257
Delta R.T. -0.02 min
Lab File: BN011315.D
Acq: 31 Jul 2020 01:16

Tgt Ion:276 Resp: 2358

Ion	Ratio	Lower	Upper
276	100		
138	29.3	16.4	24.6#
277	32.1	20.2	30.4#



Instrument :
BNA_N
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Sohil
7/31/2020 12:14:29 PM