Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012778.D
Acq On : 01 Dec 2020 12:49
Operator : CG/JU
Sample : L4749-15DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B14DL

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

Quant Time: Dec 01 13:19:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 10:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	689	0.40	ng/ul	0.00
2) Naphthalene-d8	10.19	136	2707	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.08	164	1619	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	3467	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3116	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3320	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	235	0.06	ng/ul	0.01
14) Fluoranthene-d10	18.87	212	621	0.07	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.88	178	4301	0.357	ng/ul	99
13) Anthracene	16.97	178	921	0.088	ng/ul#	90
15) Fluoranthene	18.91	202	11329	0.813	ng/ul	96
17) Pyrene	19.27	202	10350	0.743	ng/ul	98
18) Benzo(a)anthracene	21.04	228	5189	0.465	ng/ul	99
19) Chrysene	21.09	228	6173	0.443	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	8432m	0.552	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	3281m	0.186	ng/ul	
23) Benzo(a)pyrene	23.07	252	5764	0.401	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.24	276	3981	0.212	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.25	278	1024	0.068	ng/ul#	60
26) Benzo(g,h,i)perylene	25.87	276	3912	0.231	ng/ul	99

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

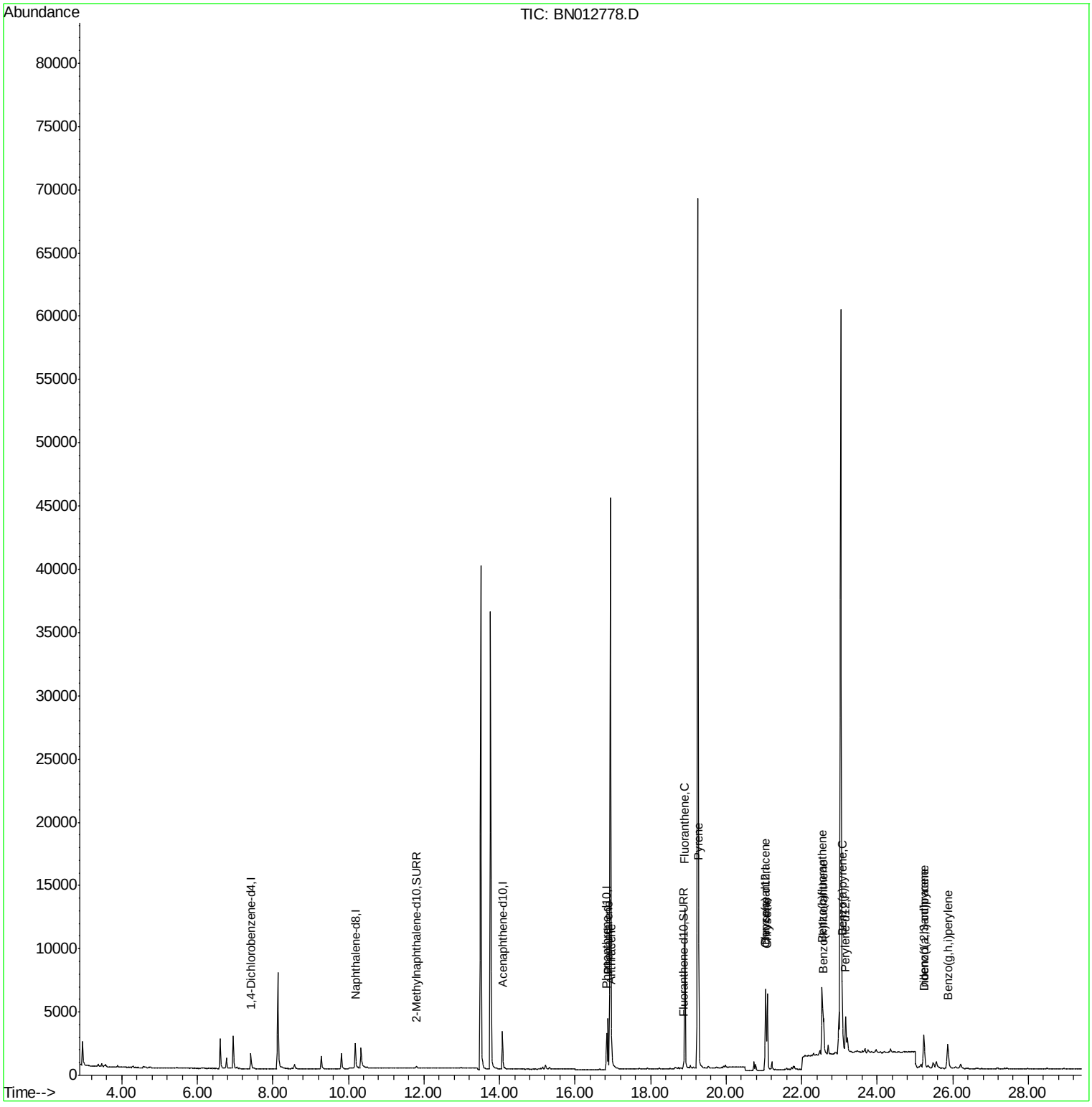
Quantitation Report (QT Reviewed)

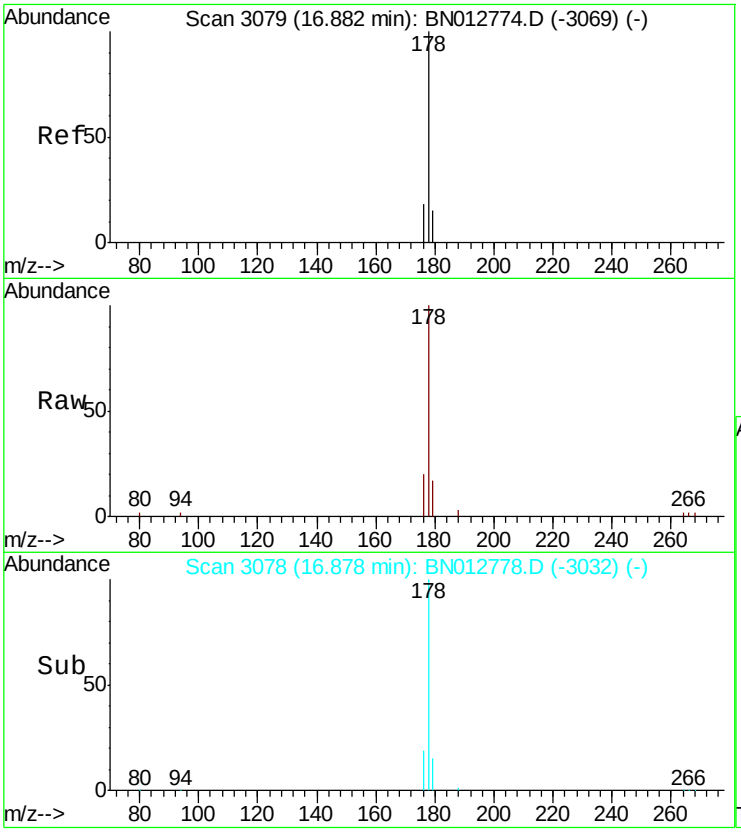
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012778.D
Acq On : 01 Dec 2020 12:49
Operator : CG/JU
Sample : L4749-15DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 01 13:19:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 10:54:12 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B14DL

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

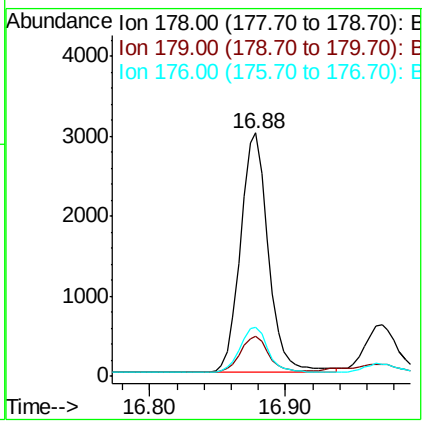




#12
Phenanthrene
Concen: 0.357 ng/ul
RT: 16.88 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

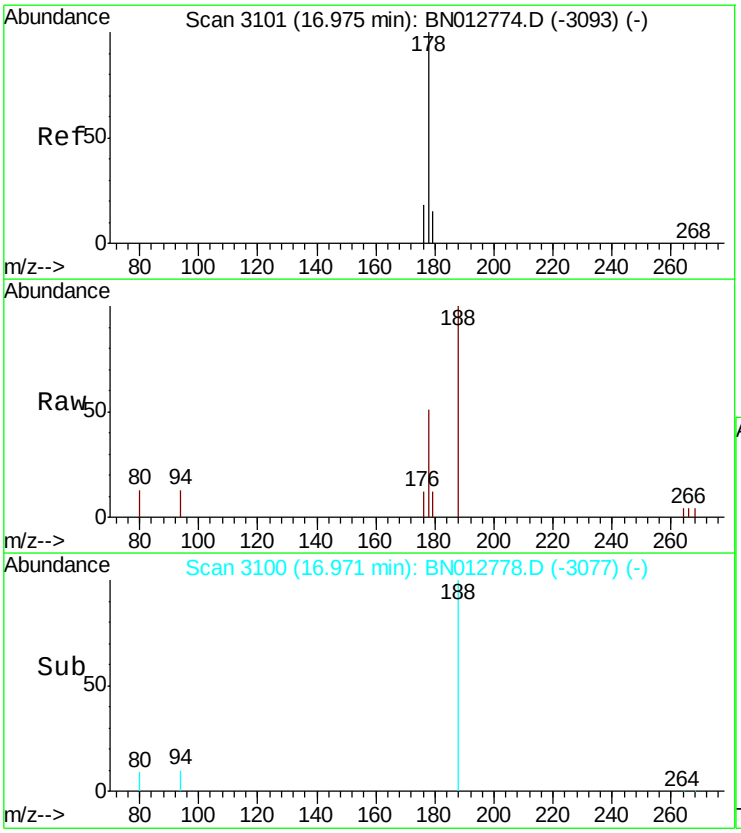
Tgt Ion:178 Resp: 4301

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.8	20.6
176	20.4	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
C0B14DL

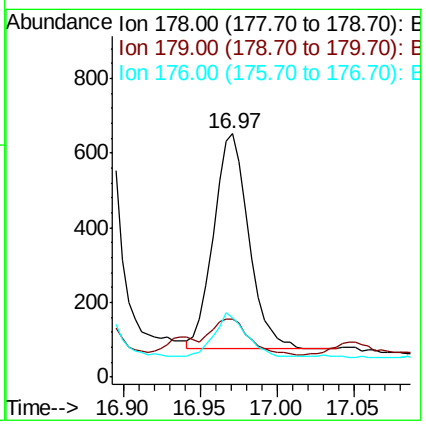
Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

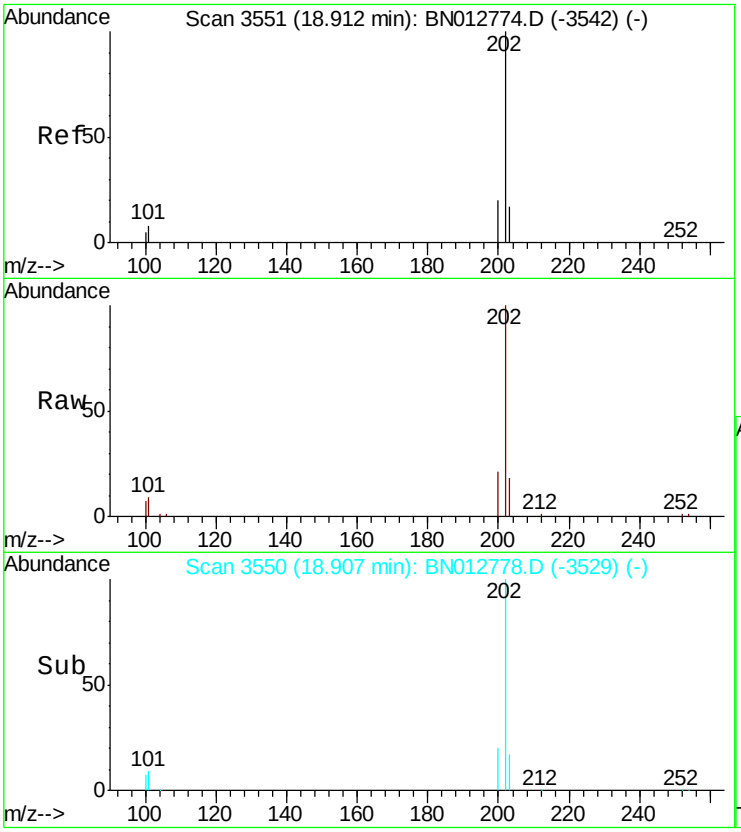


#13
Anthracene
Concen: 0.088 ng/ul
RT: 16.97 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

Tgt Ion:178 Resp: 921

Ion	Ratio	Lower	Upper
178	100		
179	23.6	14.8	22.2#
176	24.1	16.3	24.5





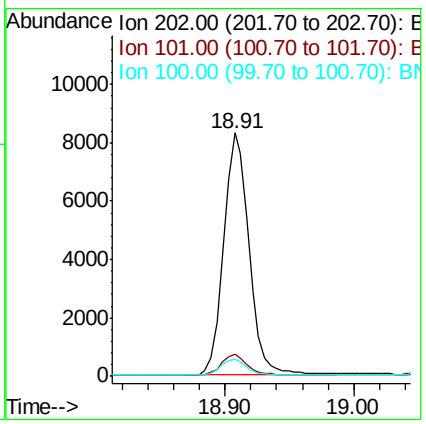
#15
Fluoranthene
Concen: 0.813 ng/ul
RT: 18.91 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

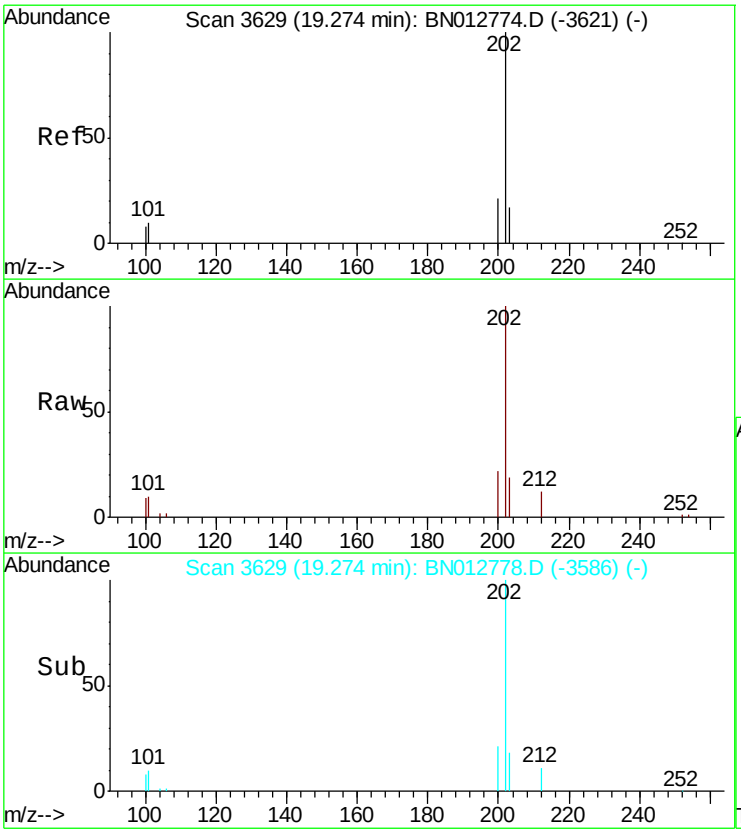
Tgt Ion:202 Resp: 11329

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.5
100	7.2	0.0	28.4

Instrument :
BNA_N
ClientSampleId :
C0B14DL

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

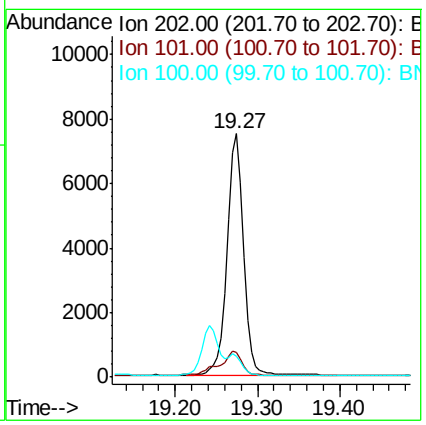


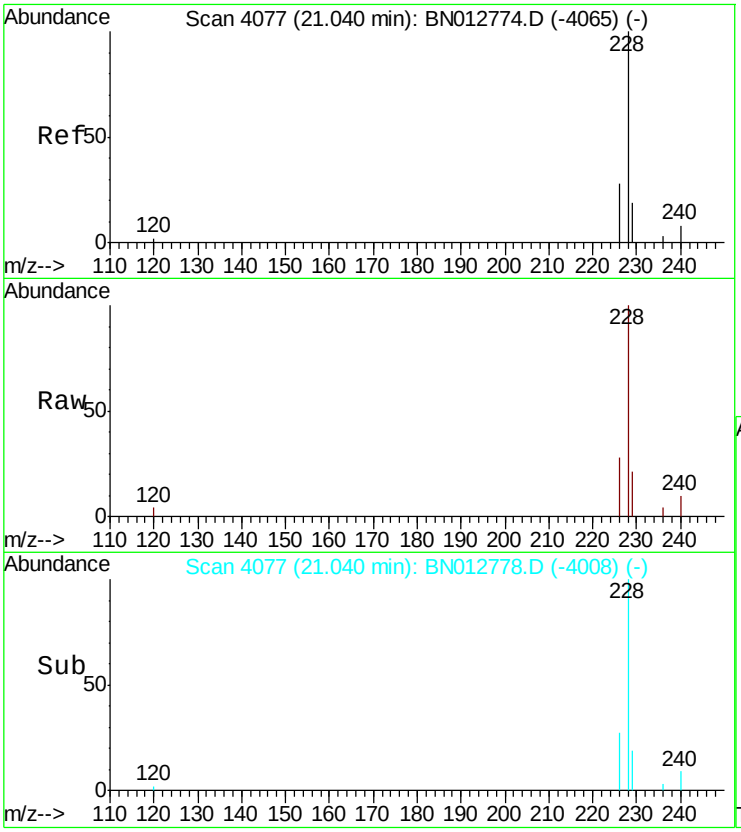


#17
Pyrene
Concen: 0.743 ng/ul
RT: 19.27 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

Tgt Ion:202 Resp: 10350

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.9	13.3
100	8.5	7.4	11.2

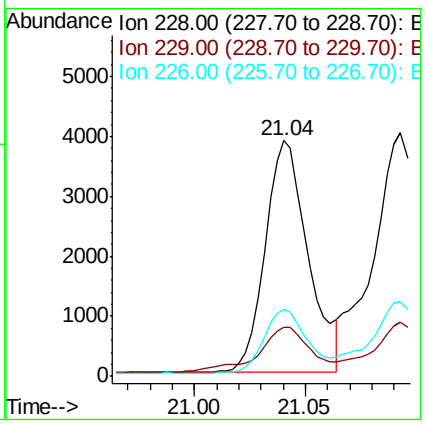




#18
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.04 min Scan# 4077
Delta R.T. 0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

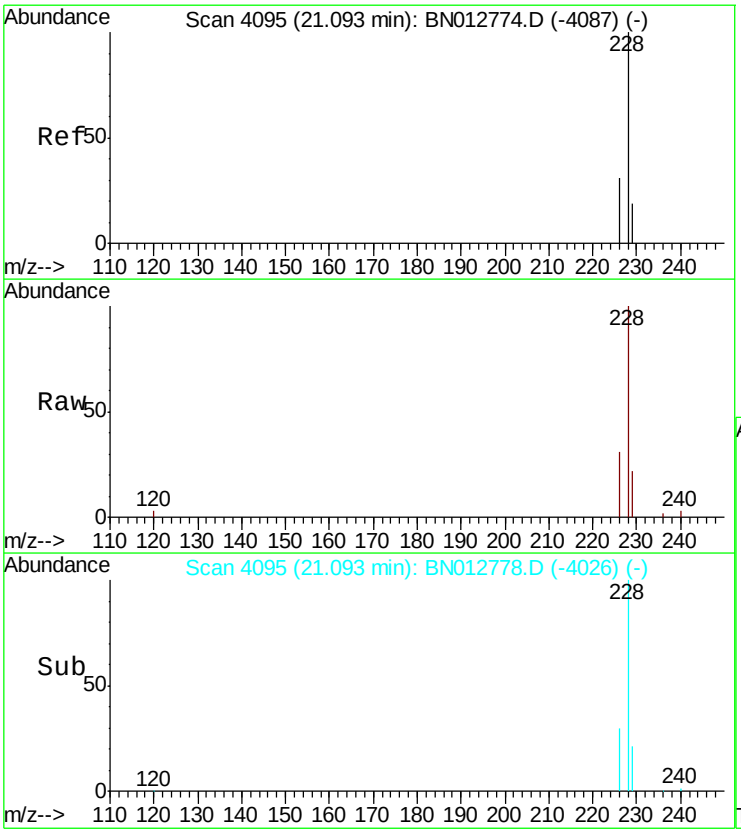
Tgt Ion:228 Resp: 5189

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.9	25.3
226	28.2	23.1	34.7



Instrument :
BNA_N
ClientSampleId :
C0B14DL

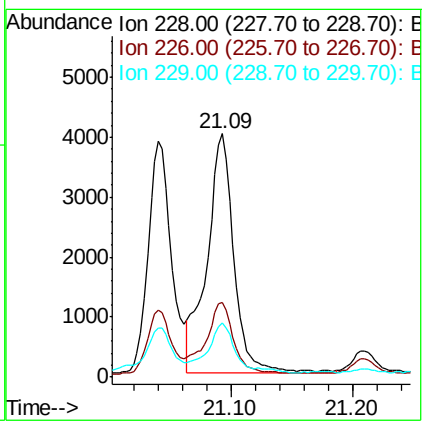
Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

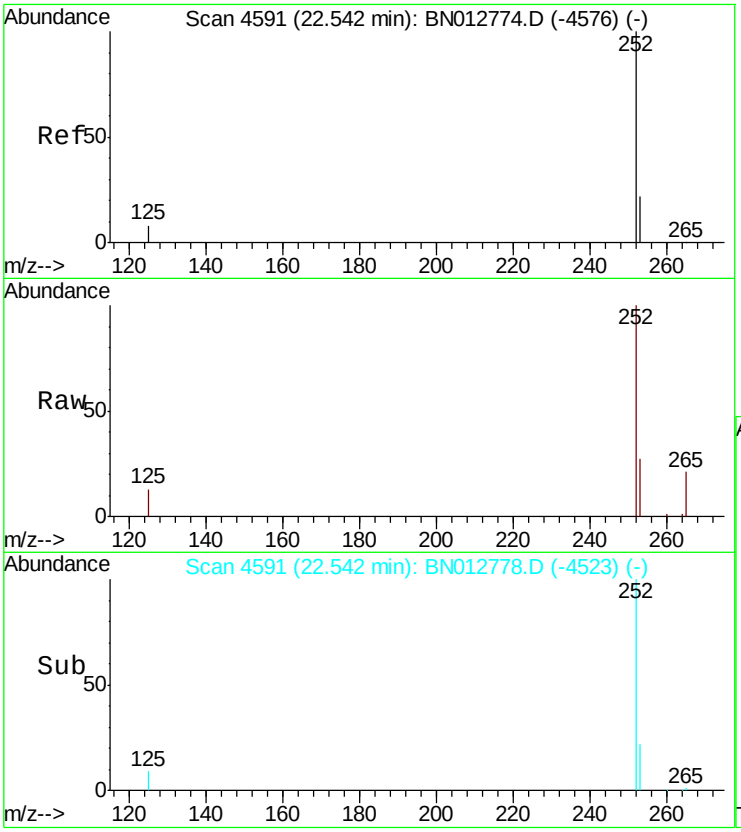


#19
Chrysene
Concen: 0.443 ng/ul
RT: 21.09 min Scan# 4095
Delta R.T. 0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

Tgt Ion:228 Resp: 6173

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.0	16.1	24.1

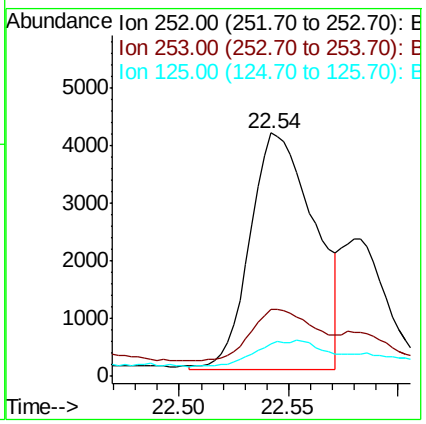




#21
Benzo(b)fluoranthene
Concen: 0.552 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. 0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

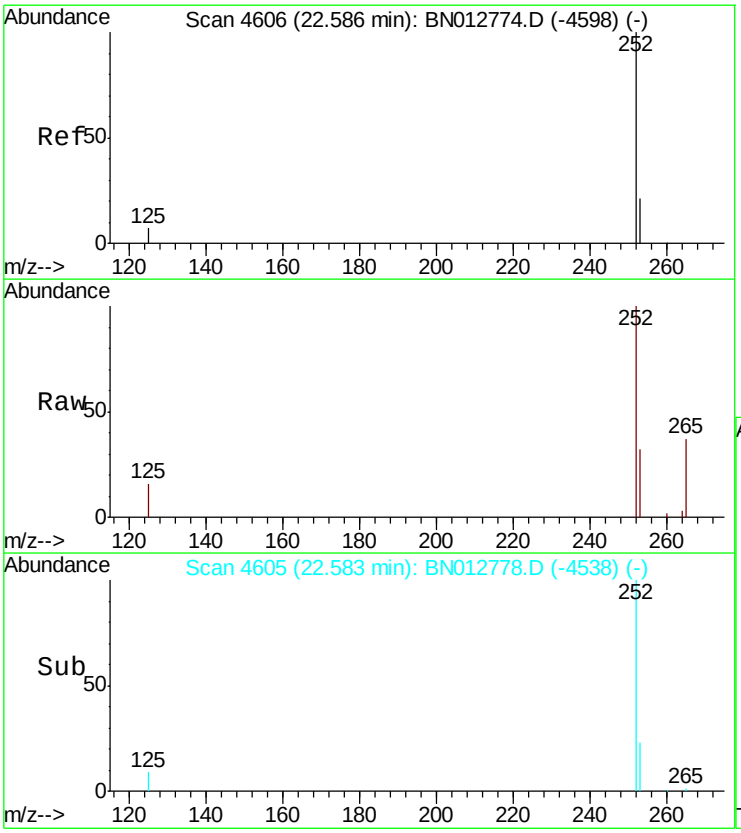
Tgt Ion:252 Resp: 8432

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	58.4
125	13.1	0.0	28.6



Instrument :
BNA_N
ClientSampleId :
C0B14DL

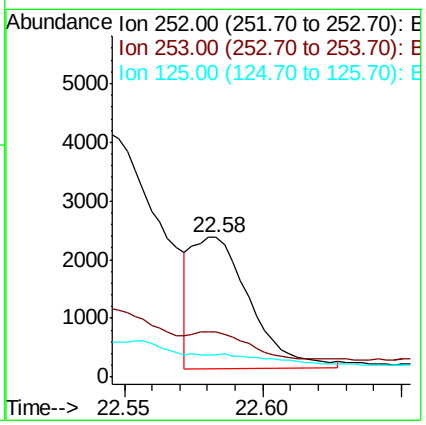
Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

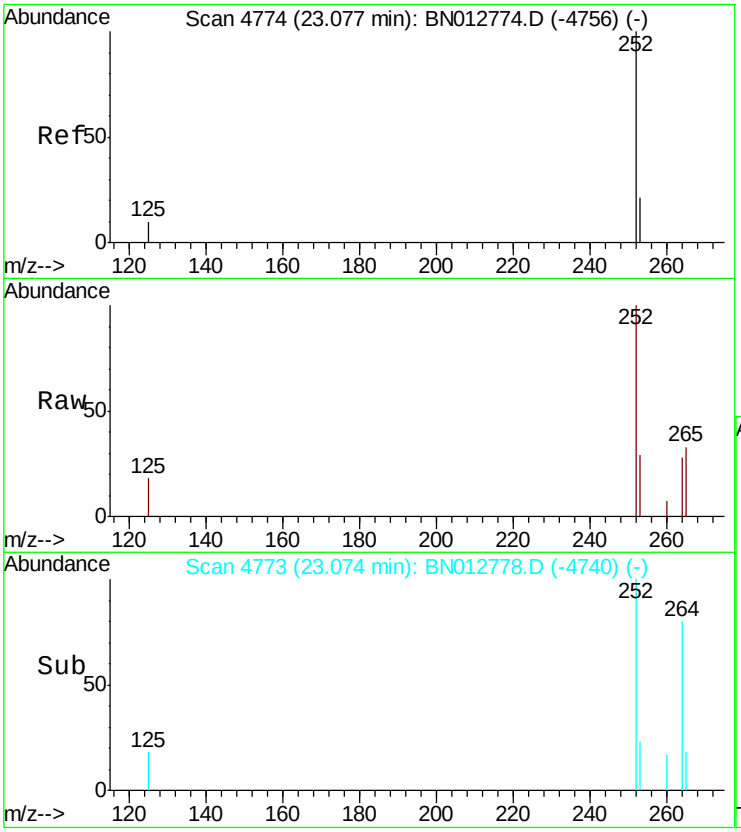


#22
Benzo(k)fluoranthene
Concen: 0.186 ng/ul m
RT: 22.58 min Scan# 4605
Delta R.T. -0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

Tgt Ion:252 Resp: 3281

Ion	Ratio	Lower	Upper
252	100		
253	31.9	23.4	35.2
125	15.7	10.2	15.2#





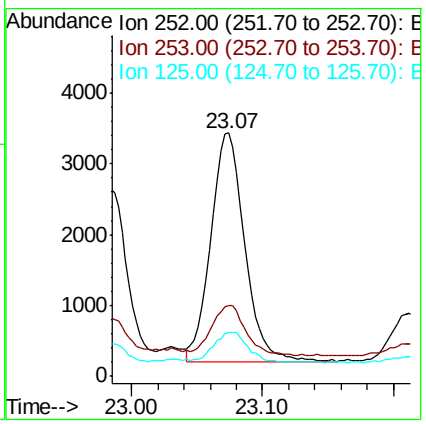
#23
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.07 min Scan# 4773
Delta R.T. -0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

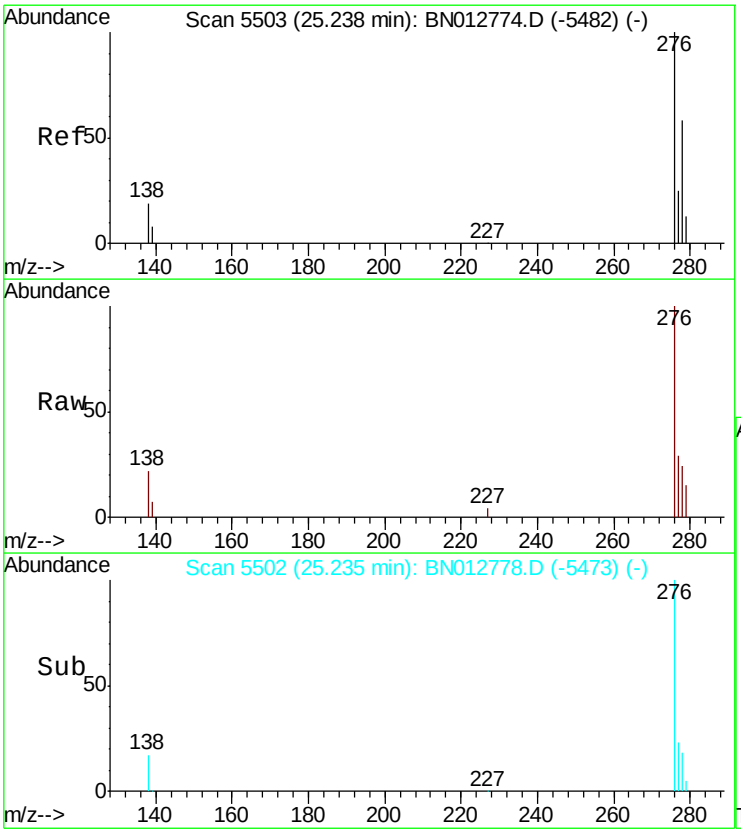
Tgt Ion:252 Resp: 5764

Ion	Ratio	Lower	Upper
252	100		
253	28.9	27.6	41.4
125	18.1	17.0	25.4

Instrument :
BNA_N
ClientSampleId :
C0B14DL

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM

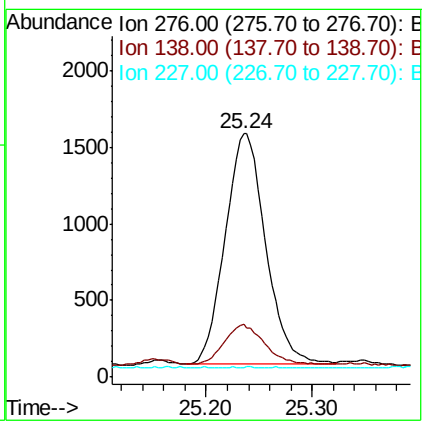


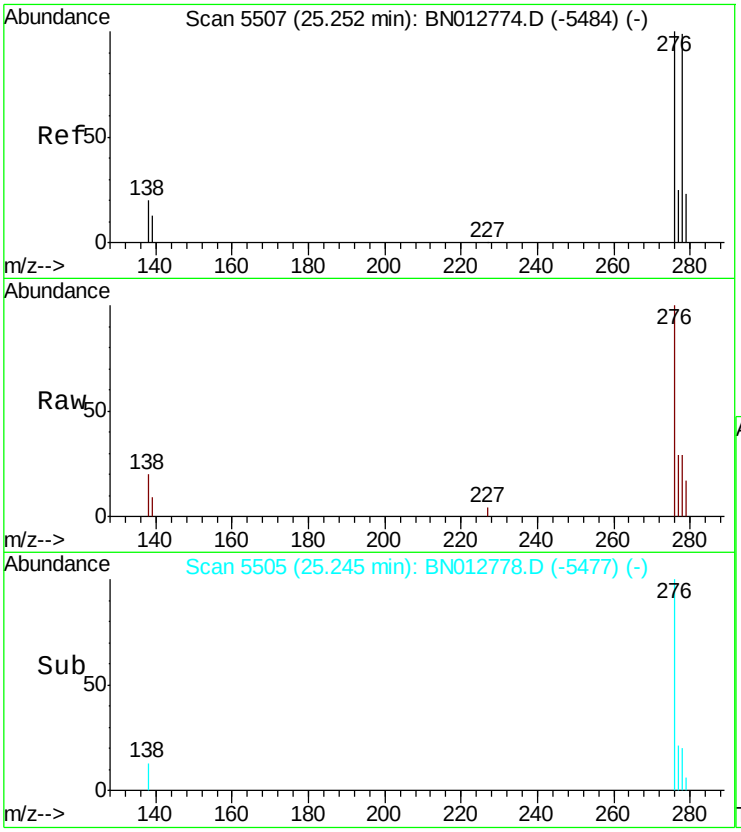


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng/ul
RT: 25.24 min Scan# 5502
Delta R.T. -0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

Tgt Ion:276 Resp: 3981

Ion	Ratio	Lower	Upper
276	100		
138	17.1	16.5	24.7
227	0.1	0.1	0.1#





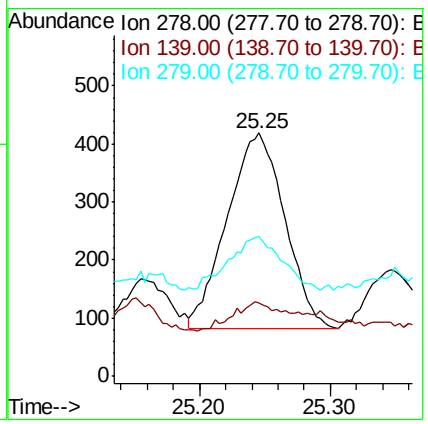
#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.25 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

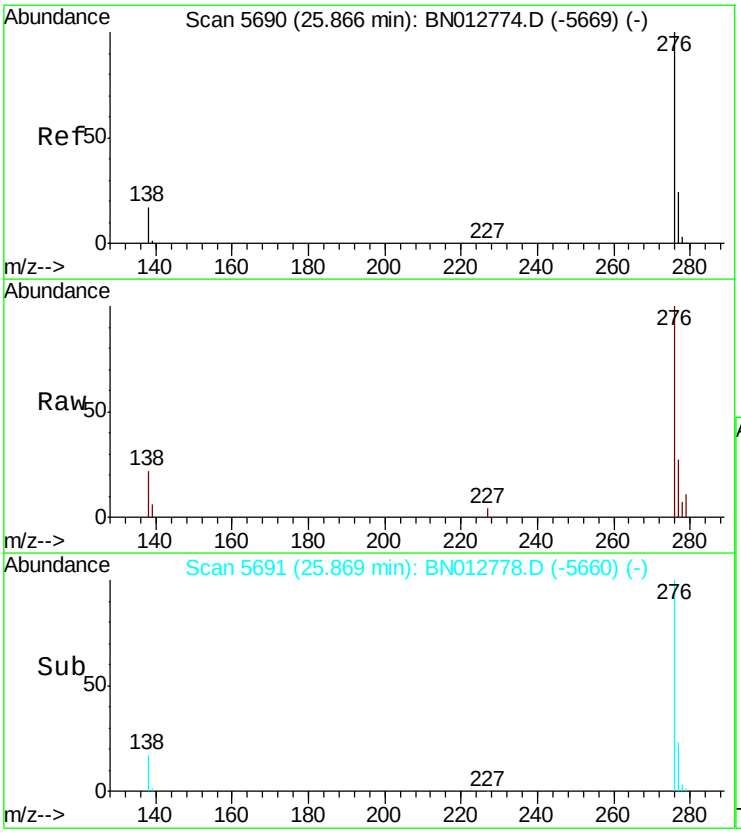
Tgt Ion:278 Resp: 1024

Ion	Ratio	Lower	Upper
278	100		
139	29.8	13.8	20.8#
279	57.3	25.6	38.4#

Instrument :
BNA_N
ClientSampleId :
C0B14DL

Manual Integrations APPROVED
mohammad
12/2/2020 2:27:25 PM





#26
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 25.87 min Scan# 5691
Delta R.T. 0.00 min
Lab File: BN012778.D
Acq: 01 Dec 2020 12:49

Tgt Ion:276 Resp: 3912

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.3	24.5
277	26.9	21.8	32.8