Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012993.D
Acq On : 09 Dec 2020 02:17
Operator : CG/JU
Sample : L4942-03
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

Quant Time: Dec 09 03:47:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1112	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2638	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5334	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3665	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3321	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1327	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2729	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	382	0.028	ng/ul#	73
5) 2-Methylnaphthalene	11.82	142	238	0.027	ng/ul	96
7) Acenaphthylene	13.76	152	444	0.036	ng/ul#	77
12) Phenanthrene	16.85	178	4404	0.246	ng/ul	100
13) Anthracene	16.94	178	784	0.052	ng/ul#	87
15) Fluoranthene	18.88	202	12393	0.583	ng/ul	99
17) Pyrene	19.25	202	11768	0.680	ng/ul	98
18) Benzo(a)anthracene	21.01	228	5001	0.330	ng/ul	99
19) Chrysene	21.06	228	6016	0.359	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	7973m	0.519	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	2876m	0.169	ng/ul	
23) Benzo(a)pyrene	23.03	252	4907	0.344	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	3439	0.184	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	785	0.053	ng/ul#	48
26) Benzo(g,h,i)perylene	25.81	276	3058	0.181	ng/ul#	93

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

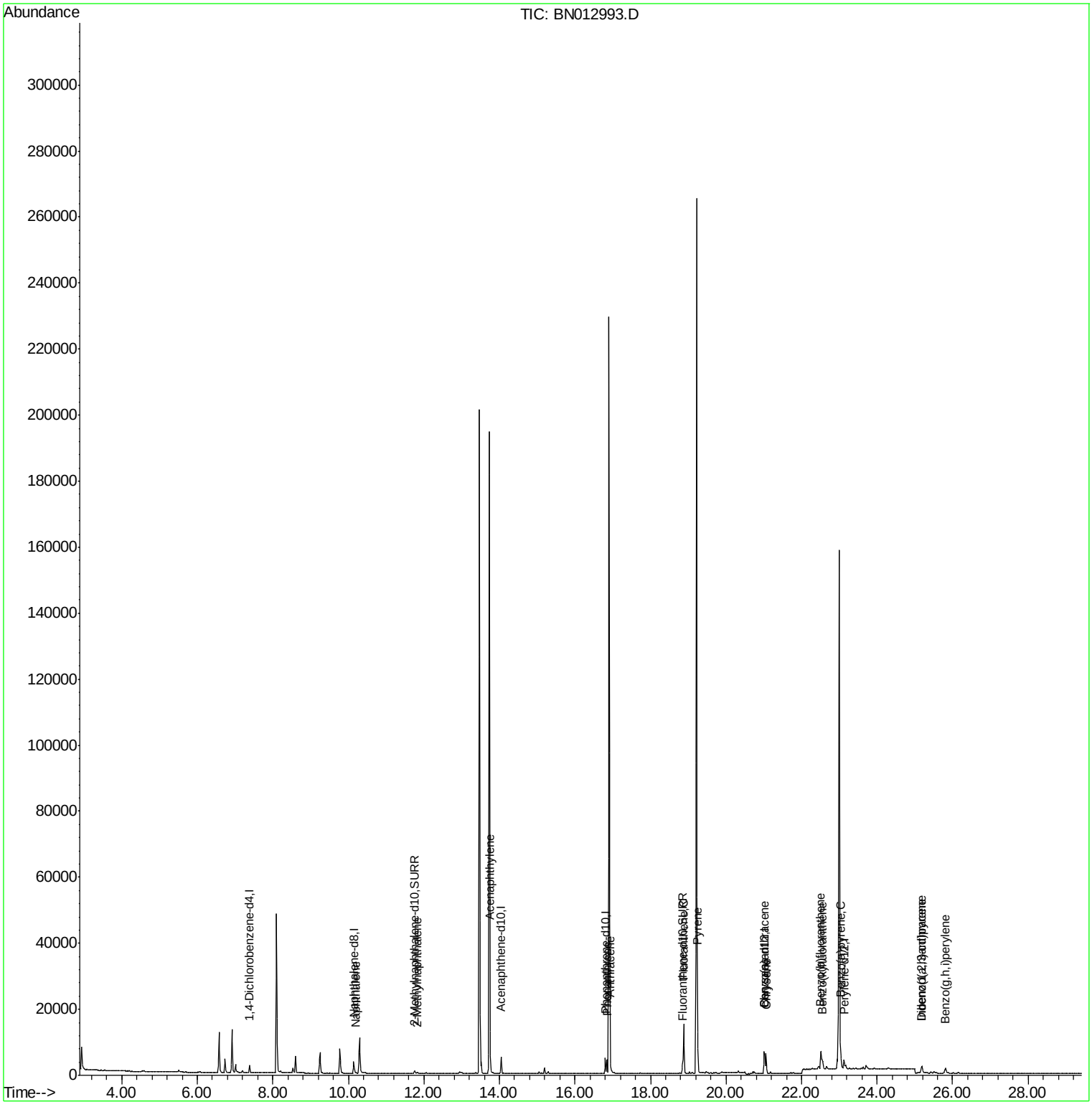
Quantitation Report (QT Reviewed)

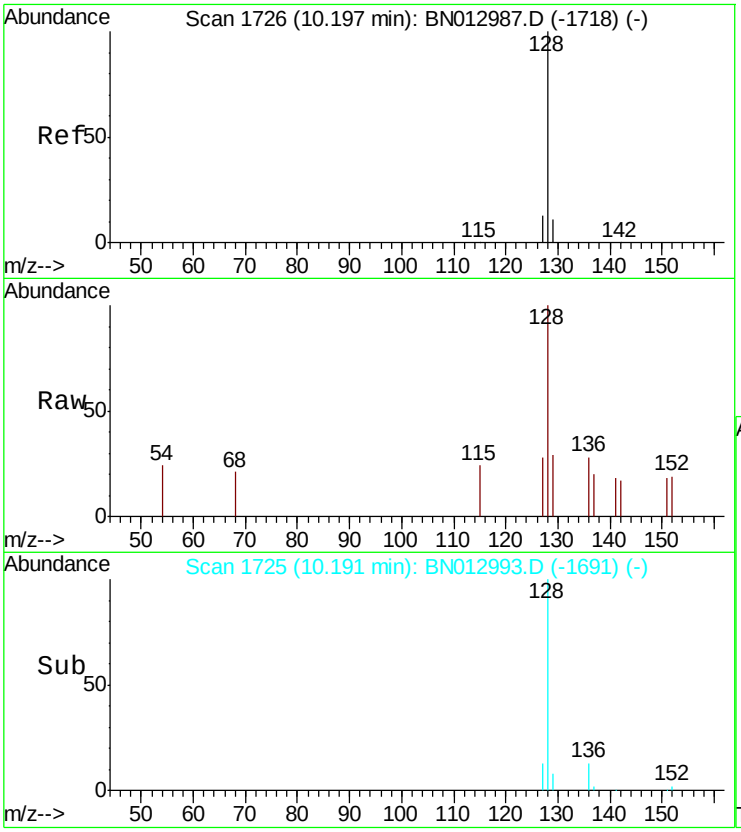
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012993.D
Acq On : 09 Dec 2020 02:17
Operator : CG/JU
Sample : L4942-03
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 09 03:47:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM





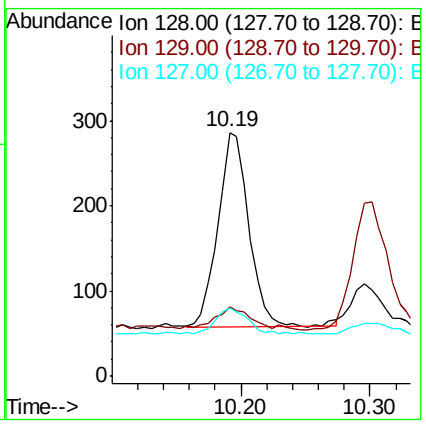
#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

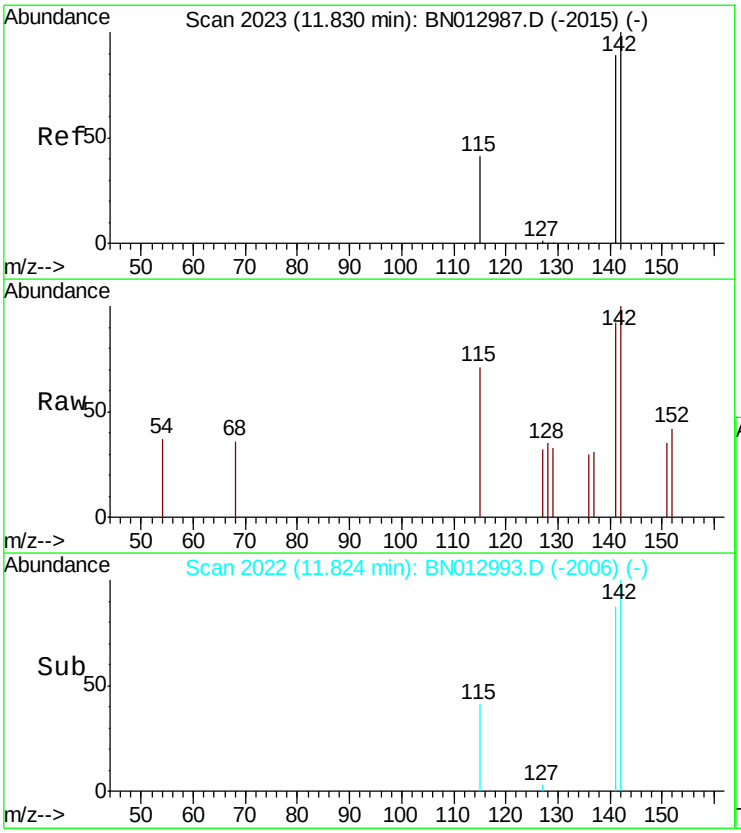
Tgt Ion:128 Resp: 382

Ion	Ratio	Lower	Upper
128	100		
129	28.7	12.3	18.5#
127	28.0	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

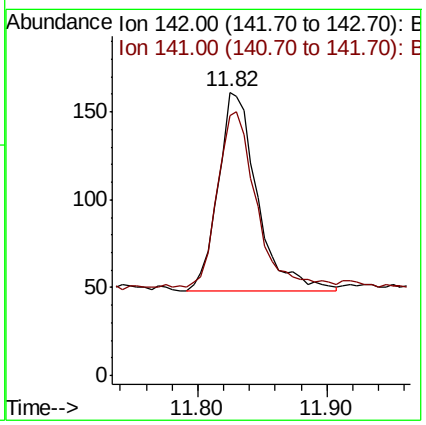


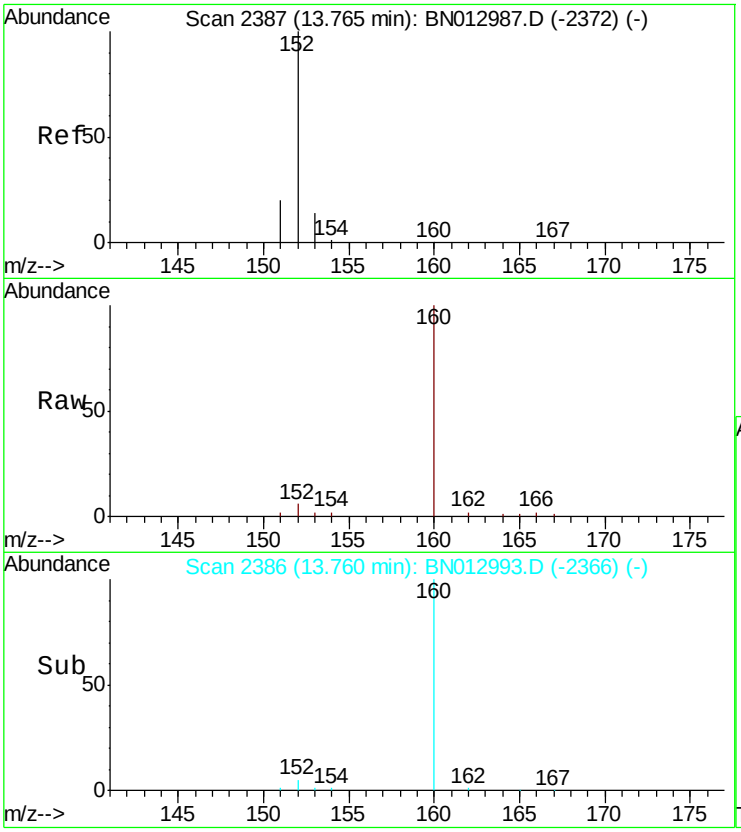


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:142 Resp: 238

Ion	Ratio	Lower	Upper
142	100		
141	87.4	73.0	109.6

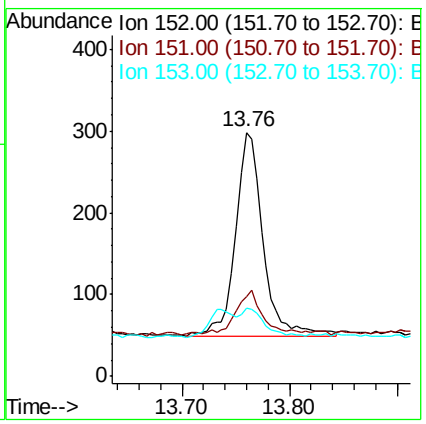




#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

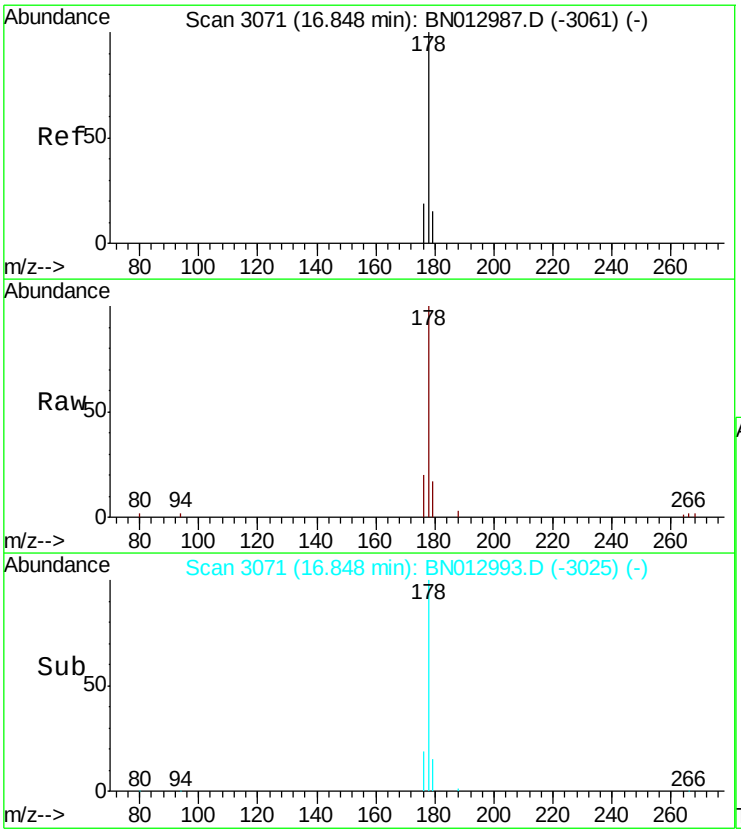
Tgt Ion:152 Resp: 444

Ion	Ratio	Lower	Upper
152	100		
151	32.9	18.2	27.4#
153	27.9	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0B89

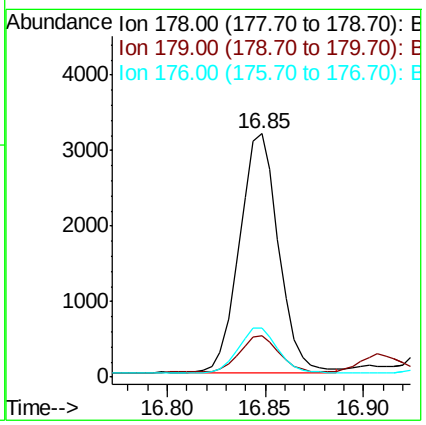
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

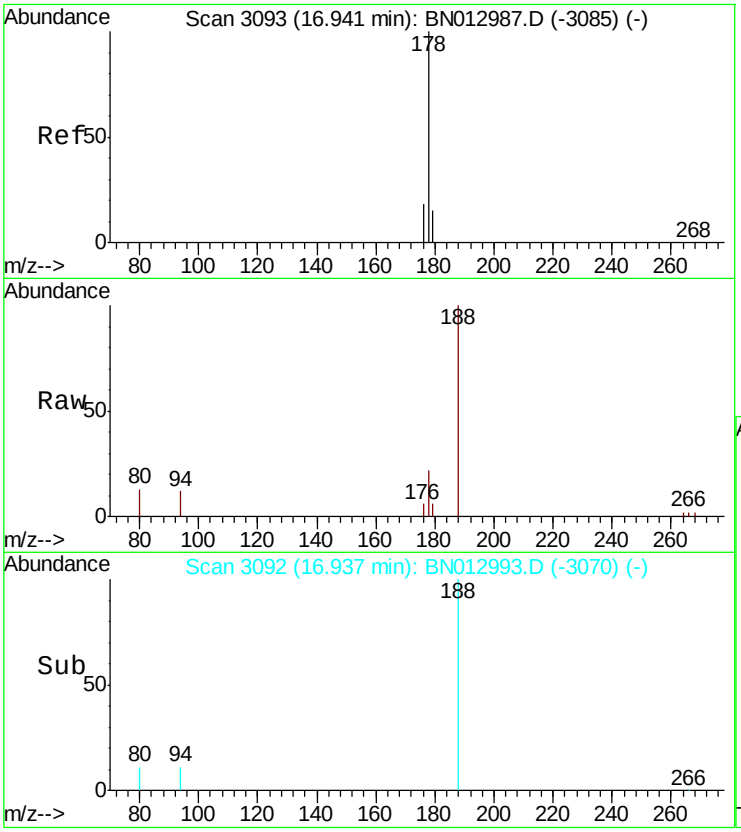


#12
Phenanthrene
Concen: 0.246 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:178 Resp: 4404

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.6	20.4
176	20.4	16.4	24.6

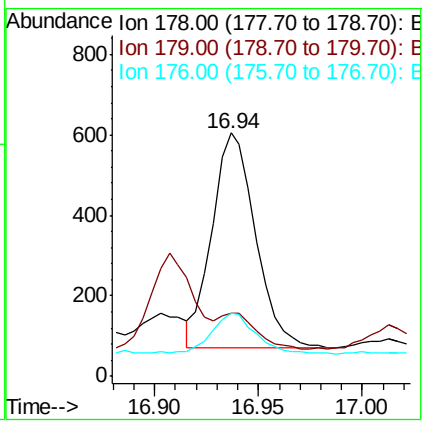




#13
Anthracene
Concen: 0.052 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

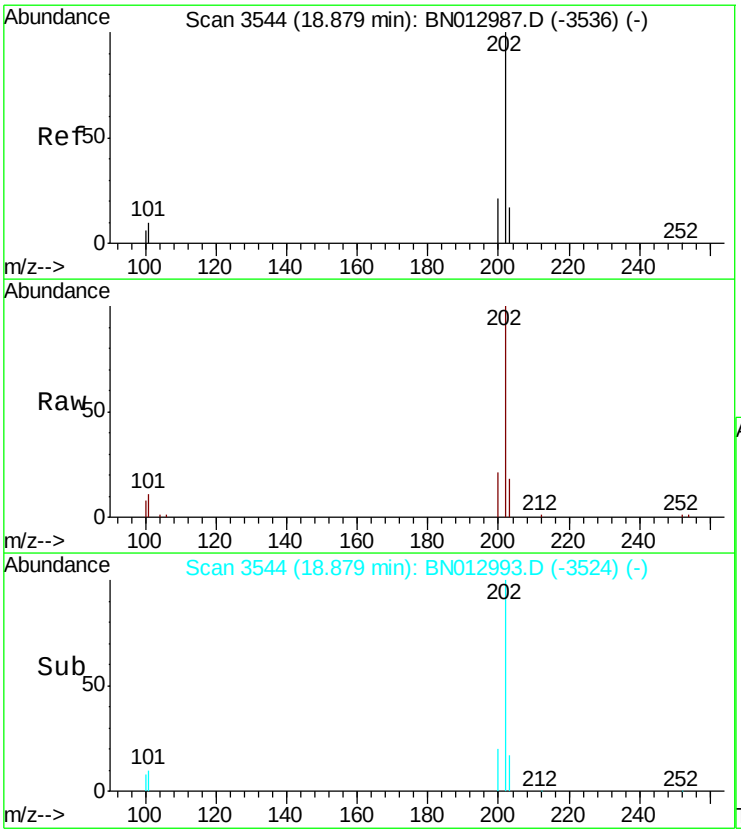
Tgt Ion:178 Resp: 784

Ion	Ratio	Lower	Upper
178	100		
179	25.8	14.6	21.8#
176	26.1	17.1	25.7#



Instrument :
BNA_N
ClientSampleId :
C0B89

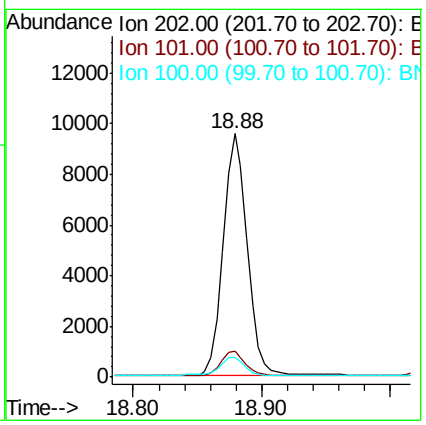
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

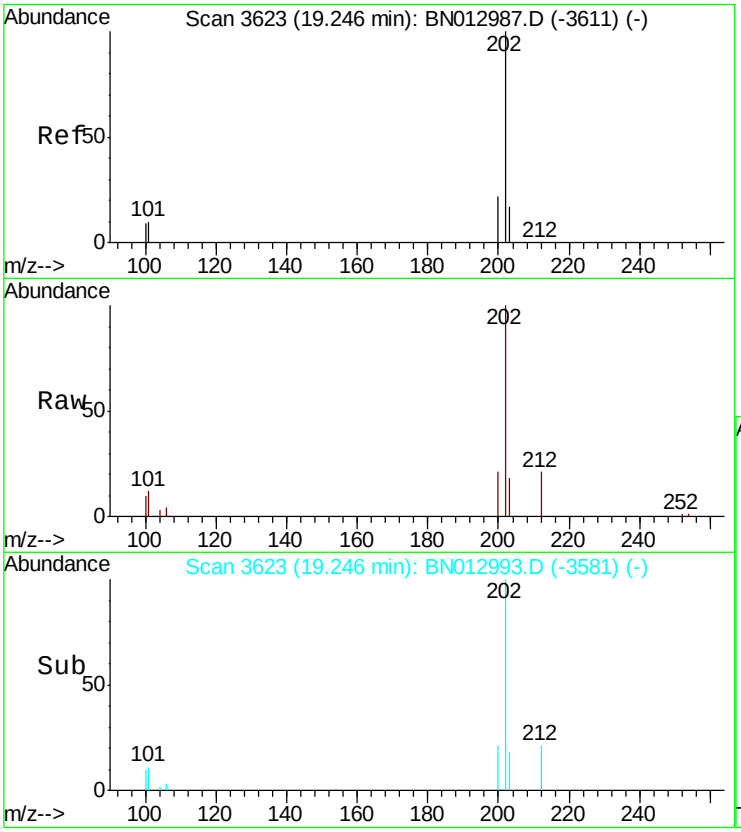


#15
Fluoranthene
Concen: 0.583 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:202 Resp: 12393

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
100	8.2	0.0	28.7





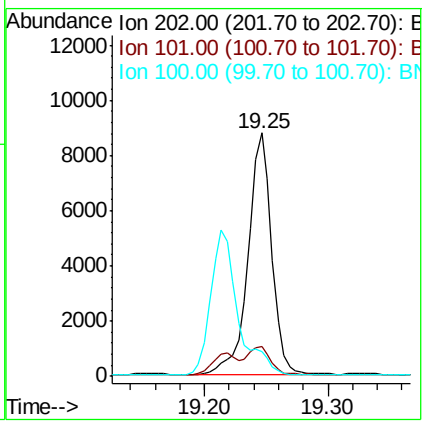
#17
Pyrene
Concen: 0.680 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

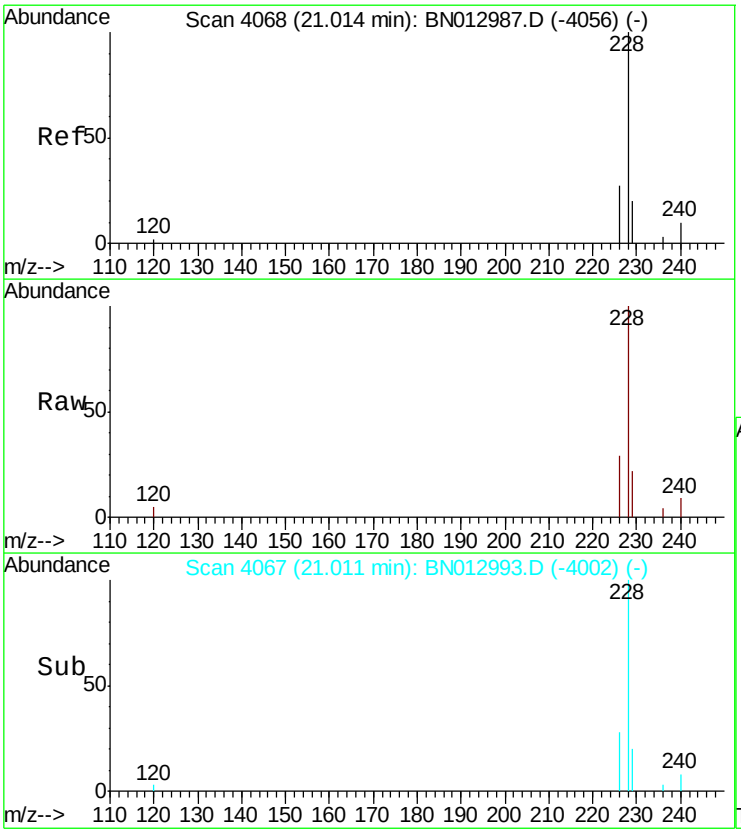
Tgt Ion:202 Resp: 11768

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.1	13.7
100	10.4	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

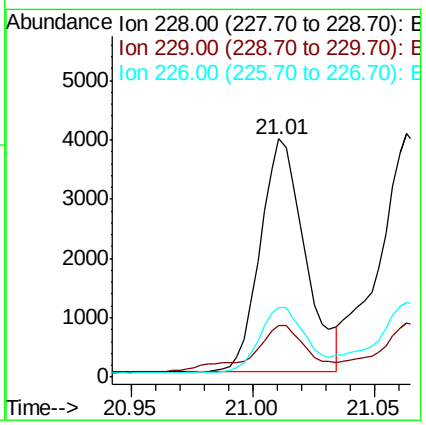


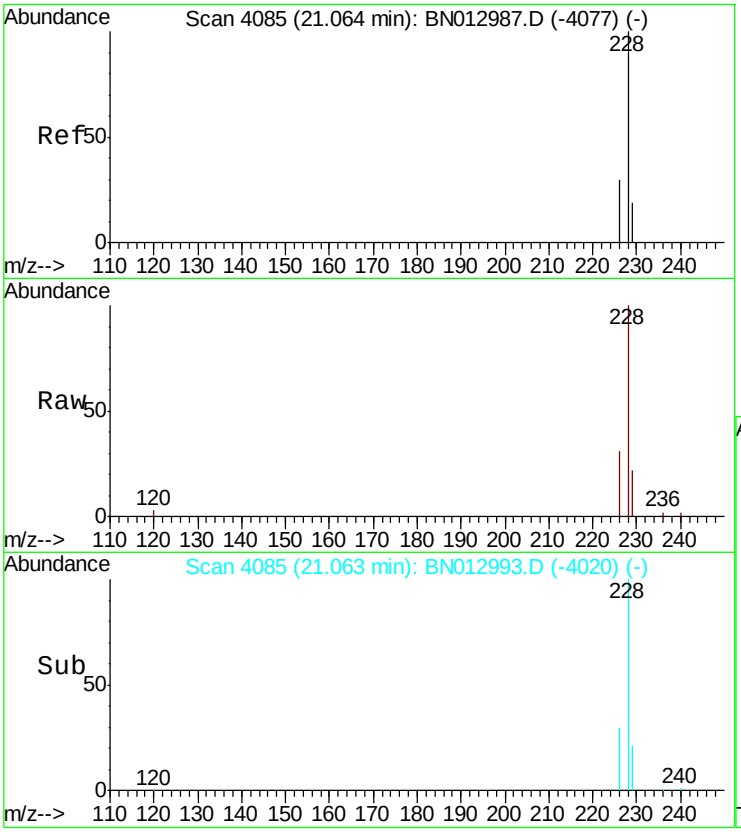


#18
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:228 Resp: 5001

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.3	24.5
226	29.1	23.4	35.2

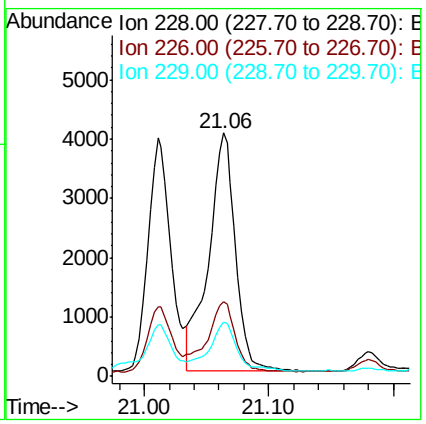




#19
Chrysene
Concen: 0.359 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

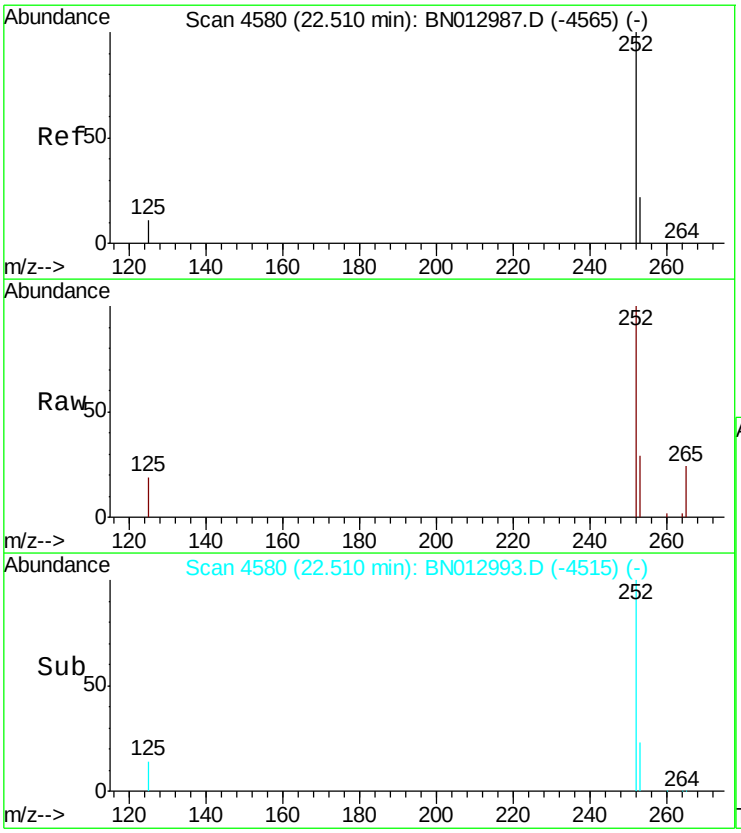
Tgt Ion:228 Resp: 6016

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.1	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B89

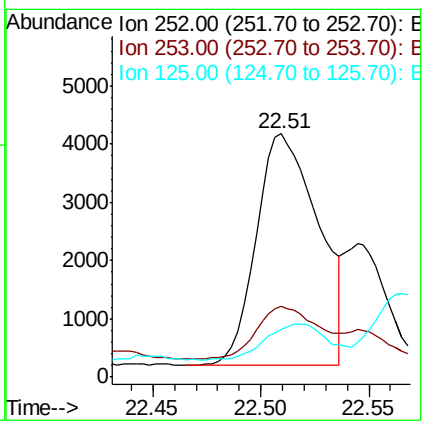
Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

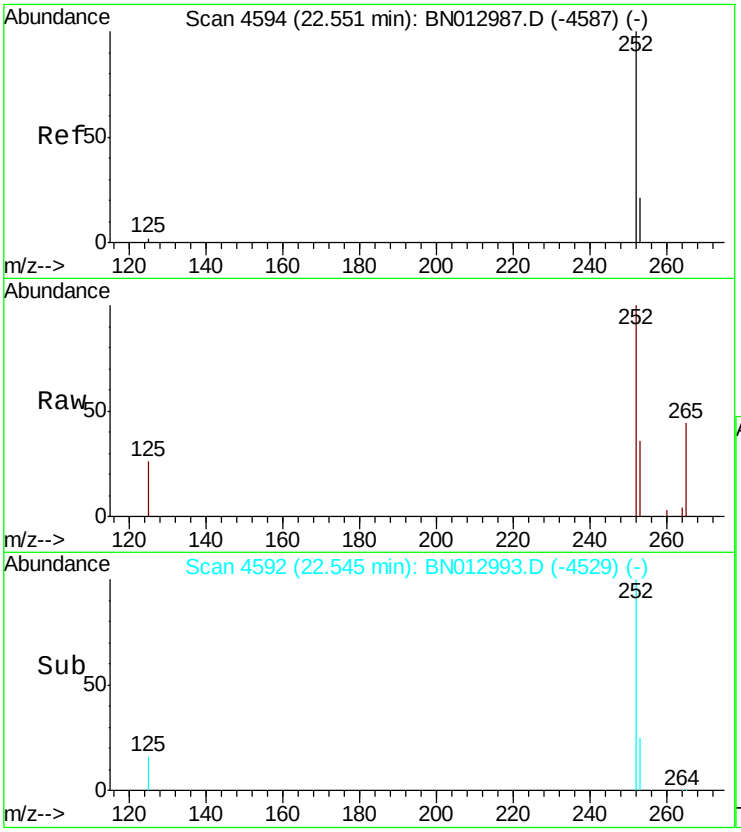


#21
Benzo(b)fluoranthene
Concen: 0.519 ng/ul m
RT: 22.51 min Scan# 4580
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:252 Resp: 7973

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	59.6
125	19.5	0.0	26.0





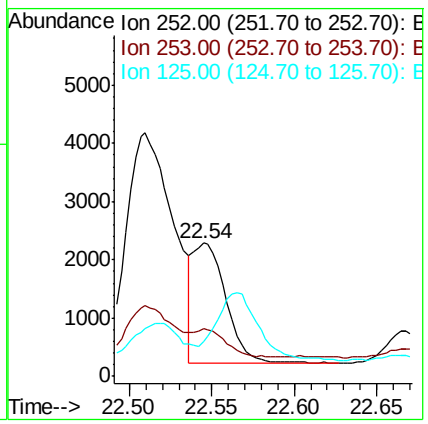
#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.54 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

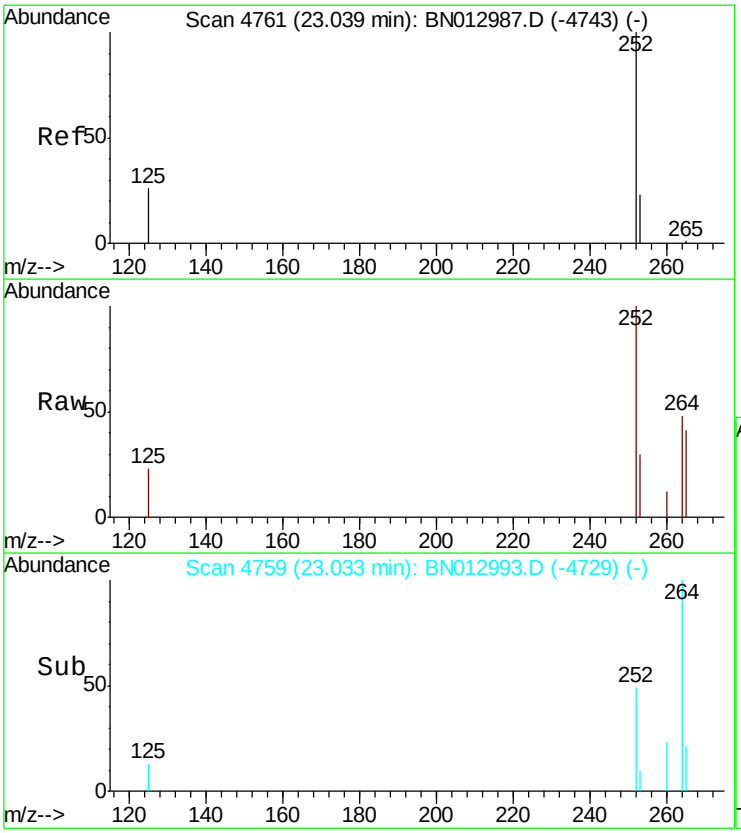
Tgt Ion:252 Resp: 2876

Ion	Ratio	Lower	Upper
252	100		
253	35.7	23.4	35.2#
125	26.0	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

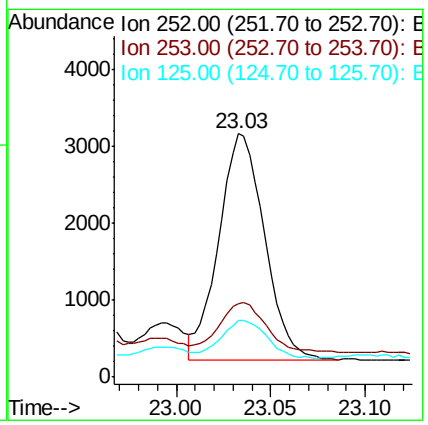


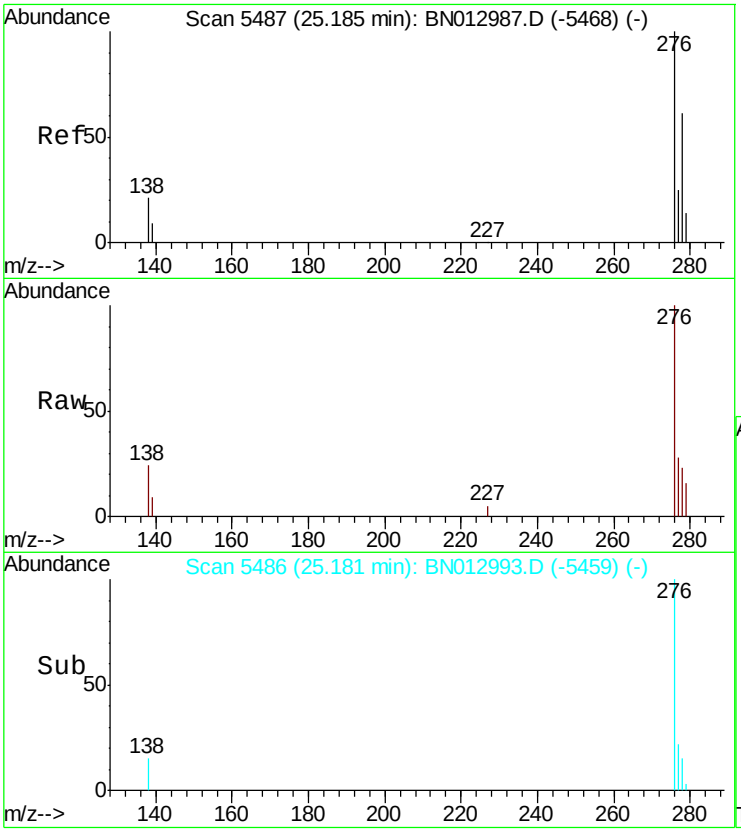


#23
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:252 Resp: 4907

Ion	Ratio	Lower	Upper
252	100		
253	30.3	26.5	39.7
125	23.1	14.2	21.2#





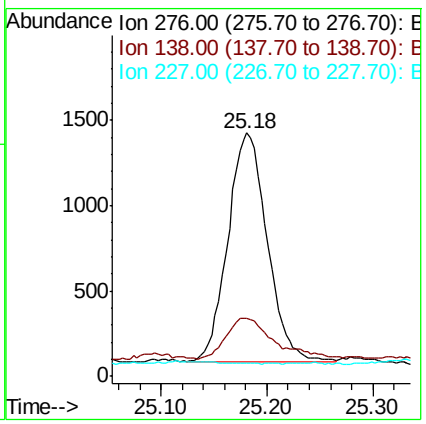
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 25.18 min Scan# 5486
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

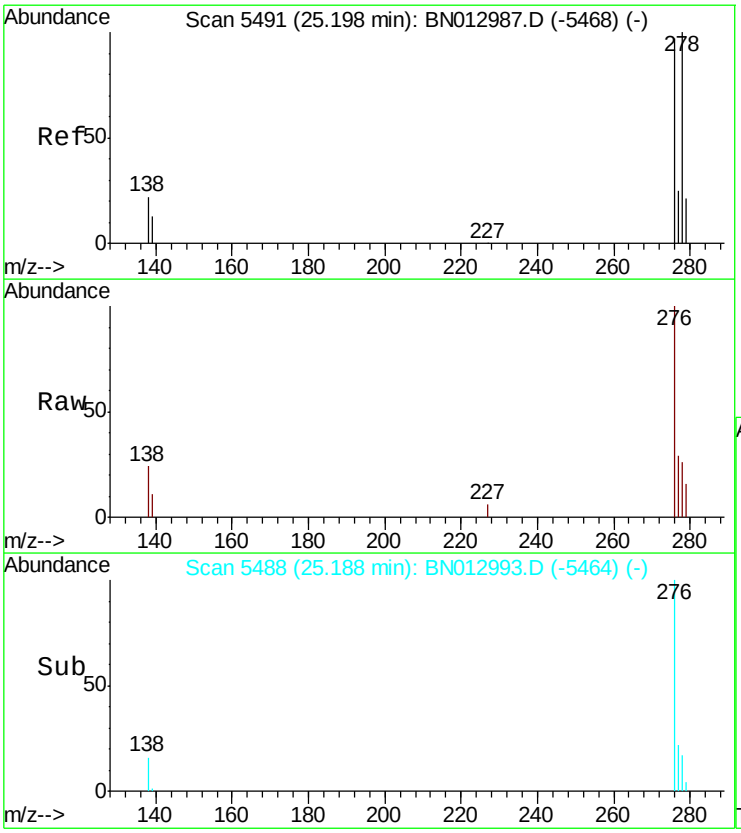
Tgt Ion:276 Resp: 3439

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM

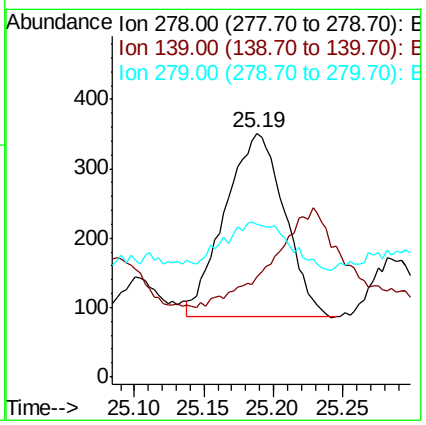


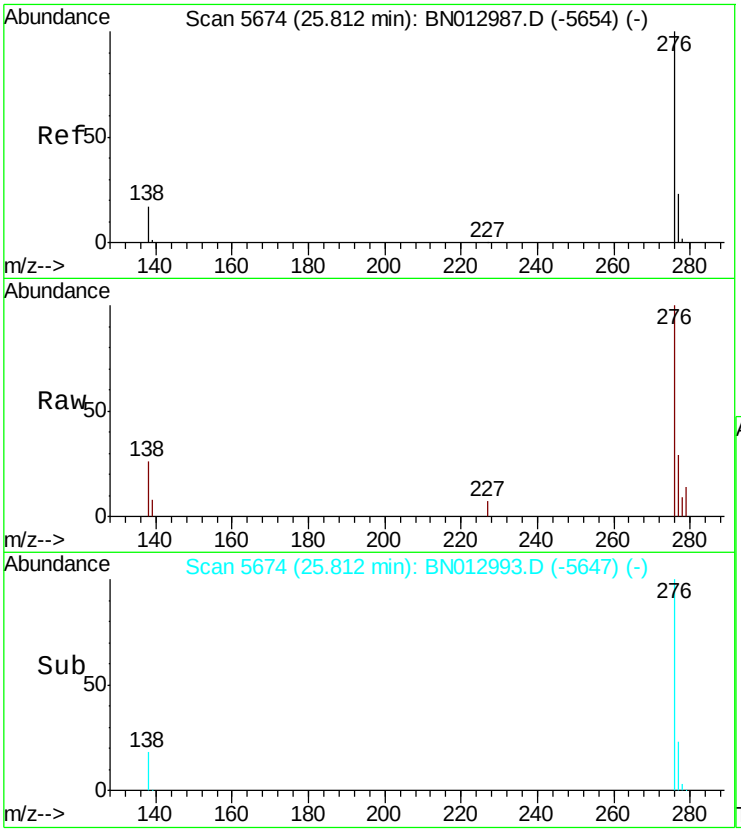


#25
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:278 Resp: 785

Ion	Ratio	Lower	Upper
278	100		
139	41.0	14.5	21.7#
279	62.7	26.3	39.5#

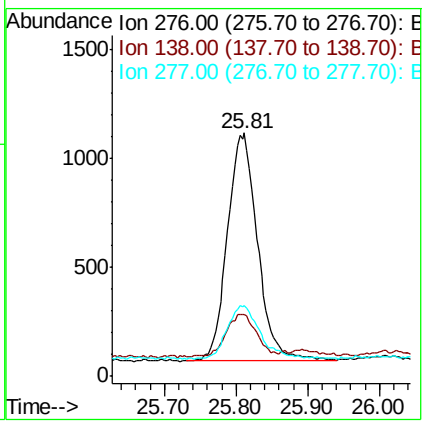




#26
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN012993.D
Acq: 09 Dec 2020 02:17

Tgt Ion:276 Resp: 3058

Ion	Ratio	Lower	Upper
276	100		
138	25.6	16.3	24.5#
277	29.3	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations APPROVED
mohammad
12/9/2020 12:25:49 PM