Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008181.D
Acq On : 15 Oct 2019 19:50
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

10/16/2019 4:08:19 PM

Quant Time: Oct 16 04:16:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2211	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10685	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	15599m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	15904m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14323m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4117	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	12735m	0.24	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	6238	0.205	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	3006	0.144	ng/ul	99
7) Acenaphthylene	13.96	152	19210	0.602	ng/ul	99
8) Acenaphthene	14.31	153	8438	0.340	ng/ul	99
9) Fluorene	15.30	166	11746	0.417	ng/ul	97
12) Phenanthrene	17.03	178	272980m	5.977	ng/ul	
13) Anthracene	17.13	178	54482m	1.356	ng/ul	
15) Fluoranthene	19.06	202	786333m	13.036	ng/ul	
17) Pyrene	19.42	202	746883	11.794	ng/ul	98
18) Benzo(a)anthracene	21.18	228	447276m	7.735	ng/ul	
19) Chrysene	21.23	228	496207	6.993	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	614809m	13.186	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	177251m	3.356	ng/ul	
23) Benzo(a)pyrene	23.29	252	396976	8.091	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.55	276	229775	3.976	ng/ul	99
25) Dibenzo(a,h)anthracene	25.55	278	57665	1.262	ng/ul	99
26) Benzo(g,h,i)perylene	26.21	276	189020	3.567	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008181.D
Acq On : 15 Oct 2019 19:50
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

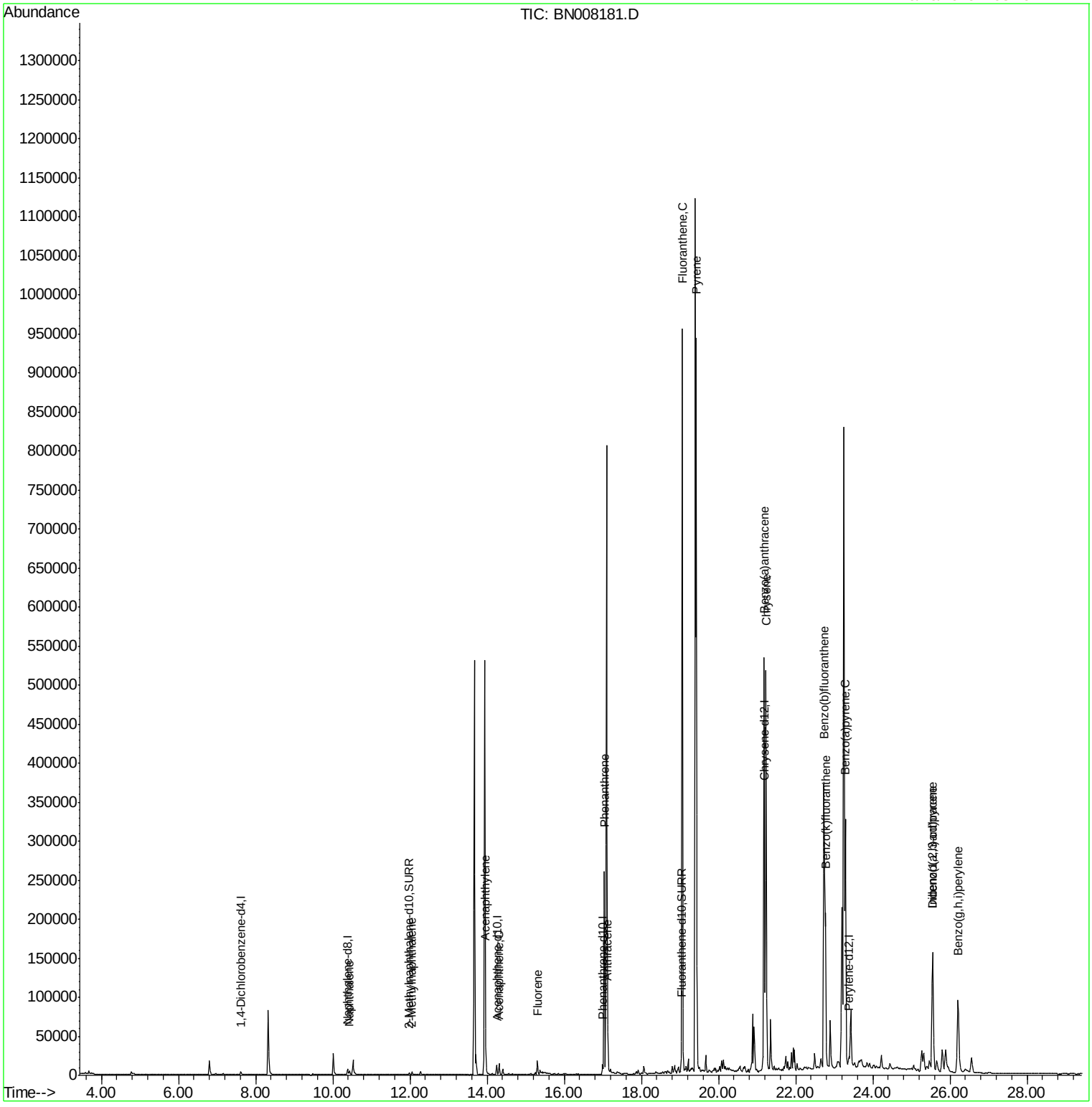
Quant Time: Oct 16 04:16:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:13:35 2019
Response via : Initial Calibration

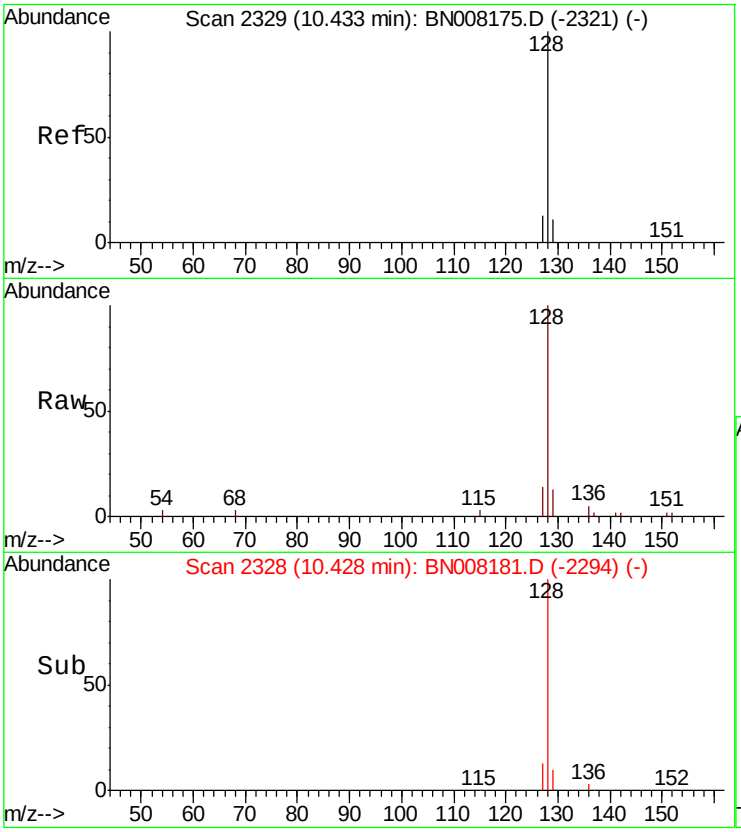
Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

10/16/2019 4:08:19 PM

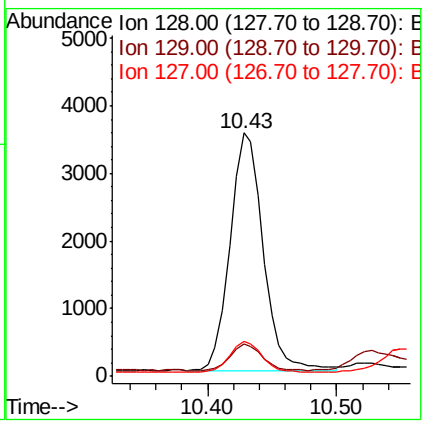




#3
Naphthalene
Concen: 0.205 ng/ul
RT: 10.43 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:128 Resp: 6238

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.8	14.8
127	14.3	11.1	16.7

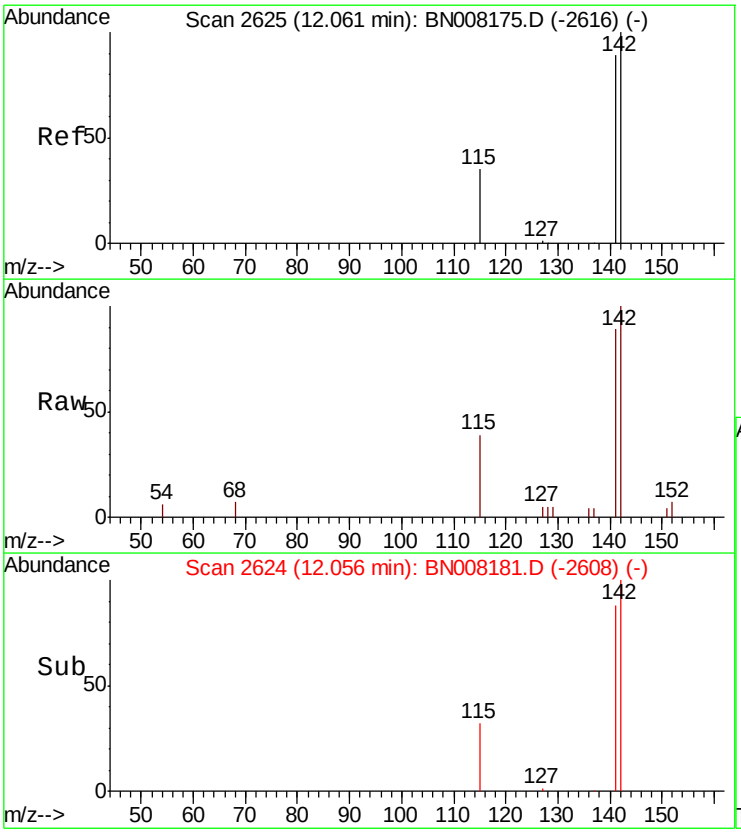


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

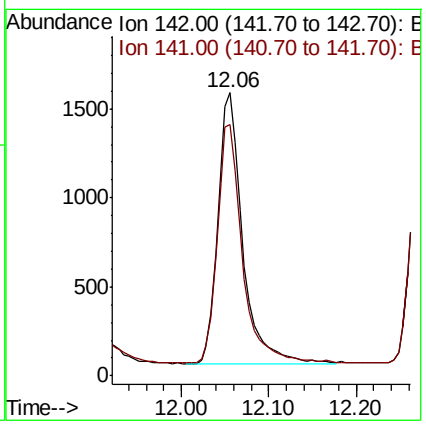
10/16/2019 4:08:19 PM

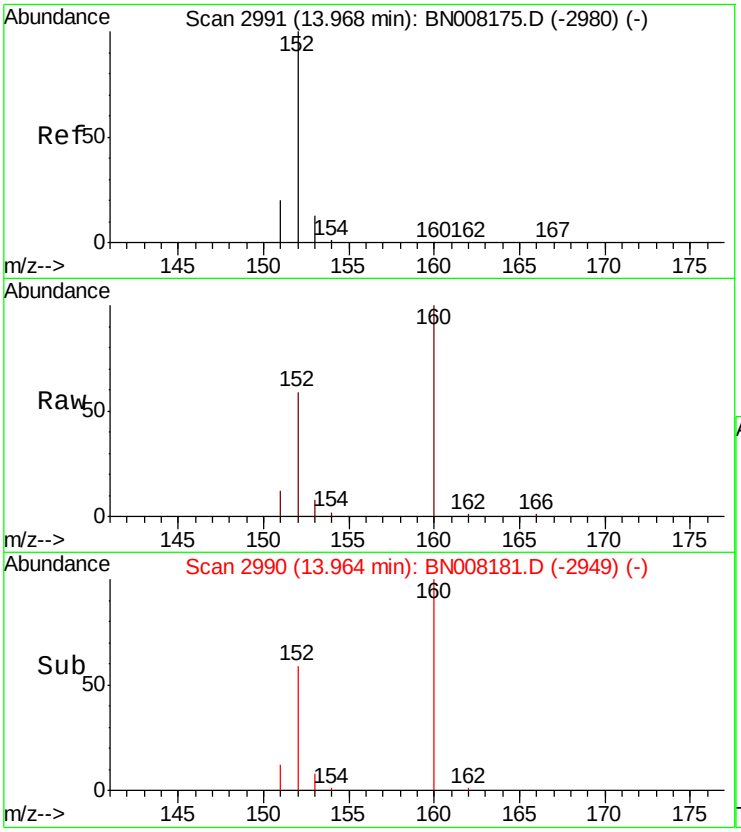


#5
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:142 Resp: 3006

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2

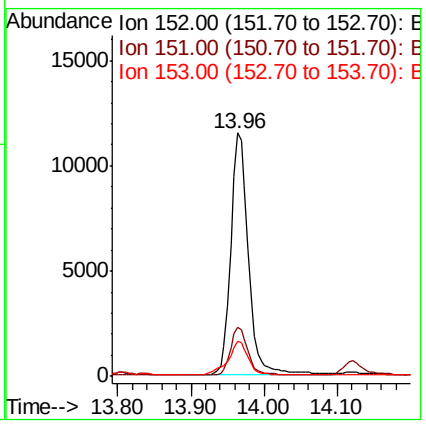




#7
Acenaphthylene
Concen: 0.602 ng/ul
RT: 13.96 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:152 Resp: 19210

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	14.1	11.0	16.4

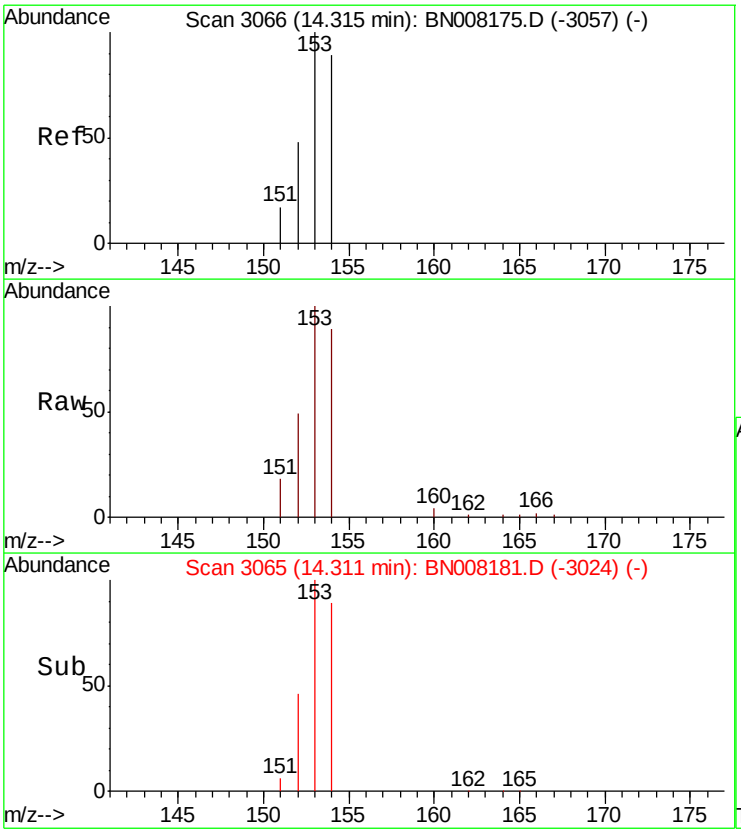


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

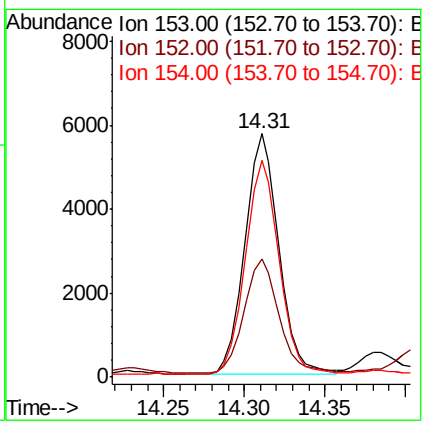
10/16/2019 4:08:19 PM

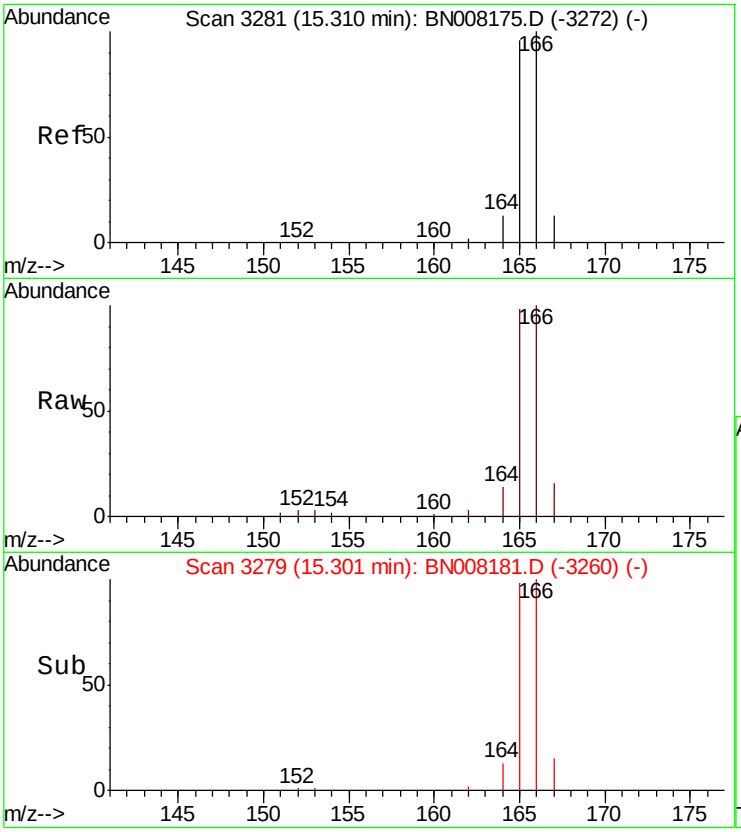


#8
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:153 Resp: 8438

Ion	Ratio	Lower	Upper
153	100		
152	48.8	38.2	57.2
154	89.0	71.8	107.8

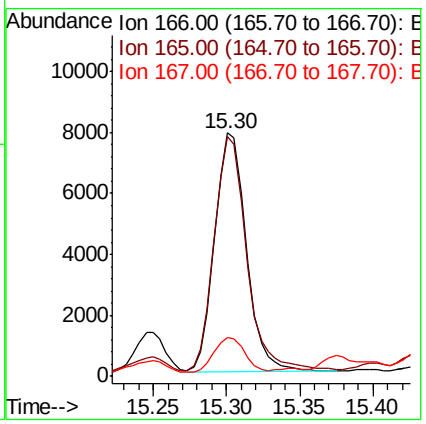




#9
Fluorene
Concen: 0.417 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:166 Resp: 11746

Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.6	115.0
167	16.0	11.7	17.5

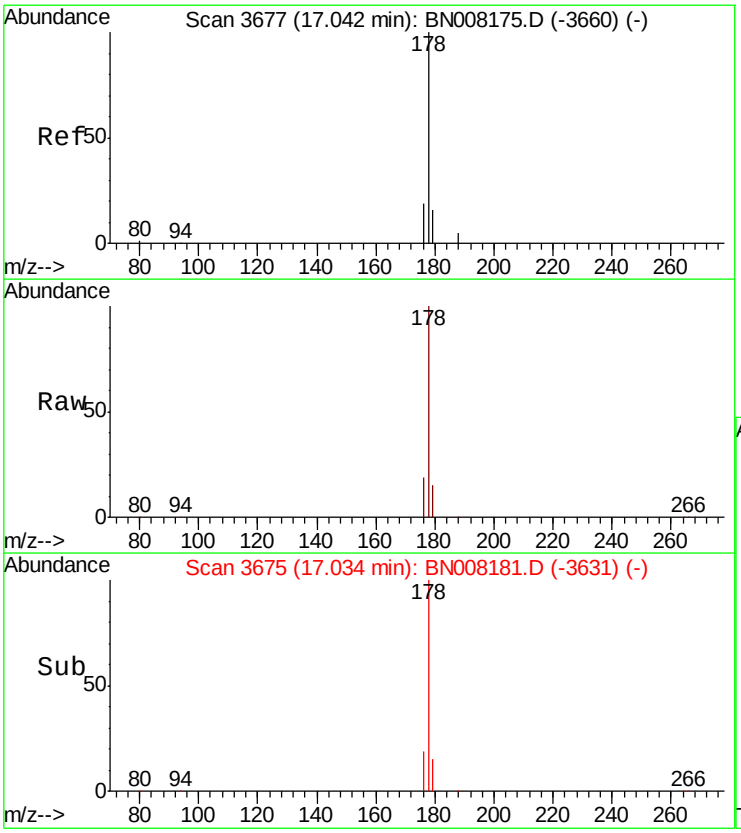


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

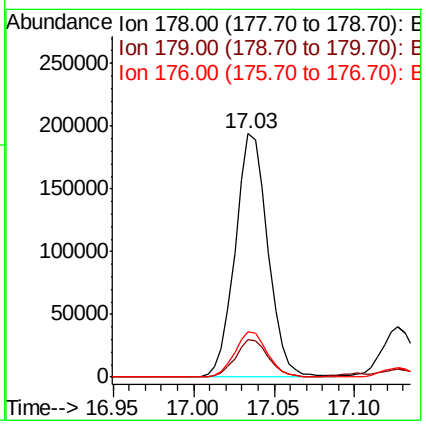
10/16/2019 4:08:19 PM

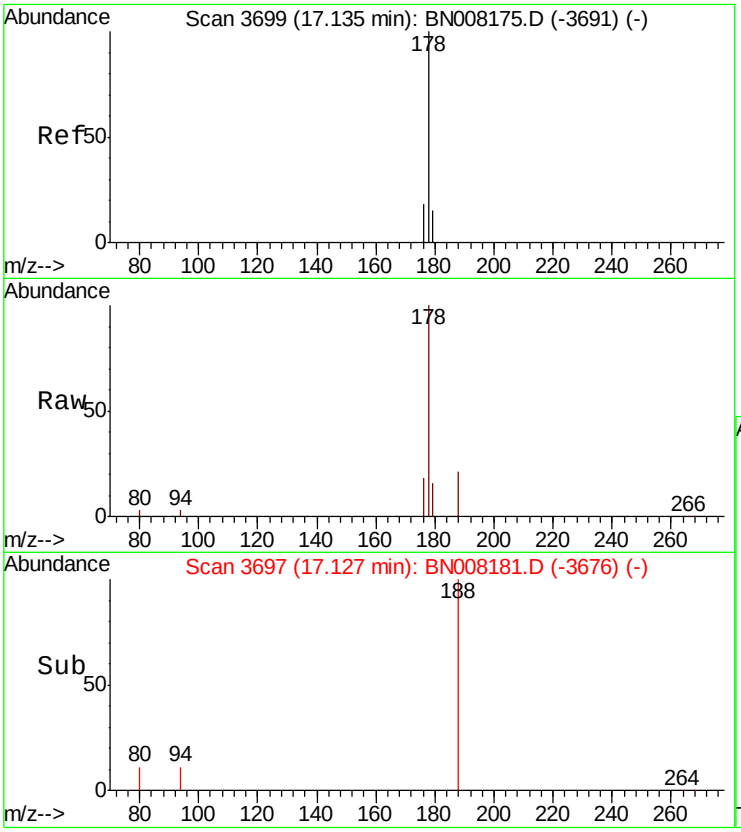


#12
Phenanthrene
Concen: 5.977 ng/ul m
RT: 17.03 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:178 Resp: 272980

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.7	15.4	23.2

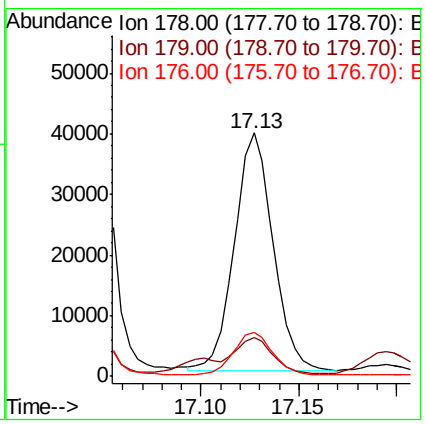




#13
Anthracene
Concen: 1.356 ng/ul m
RT: 17.13 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:178 Resp: 54482

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.2	15.0	22.6

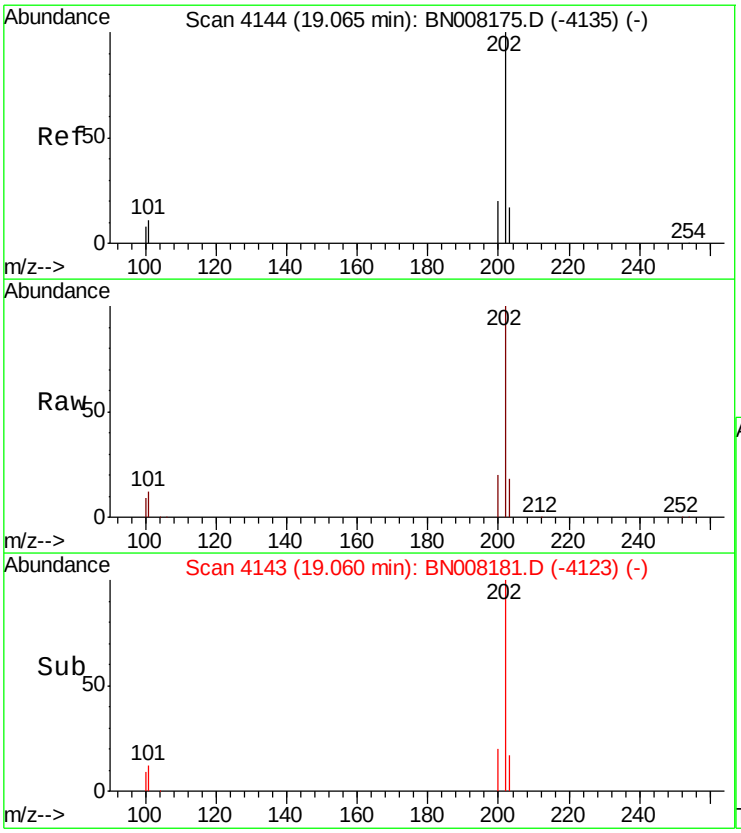


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

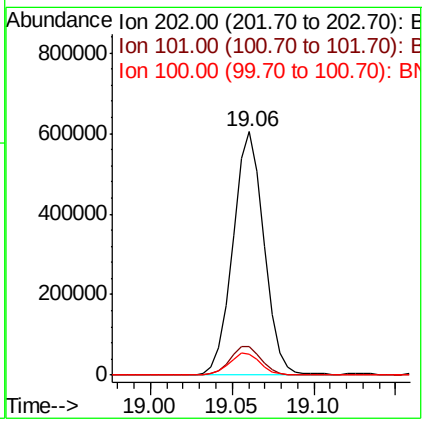
10/16/2019 4:08:19 PM

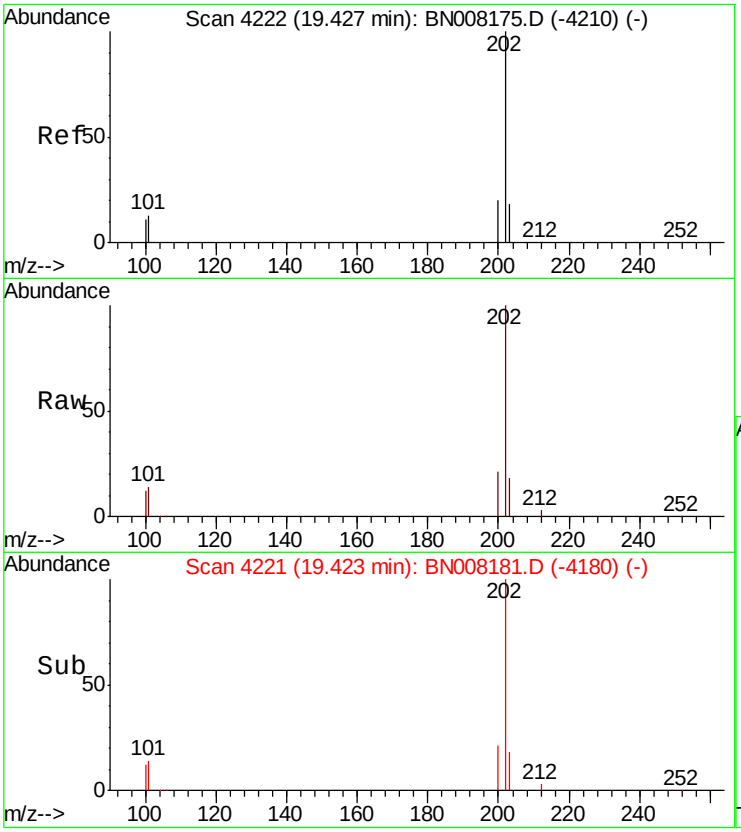


#15
Fluoranthene
Concen: 13.036 ng/ul m
RT: 19.06 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:202 Resp: 786333

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.7	0.0	28.5

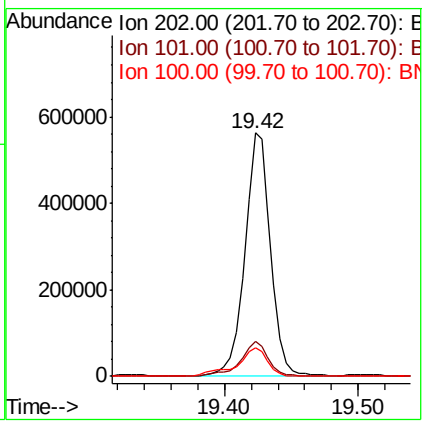




#17
Pyrene
Concen: 11.794 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:202 Resp: 746883

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.8	8.7	13.1

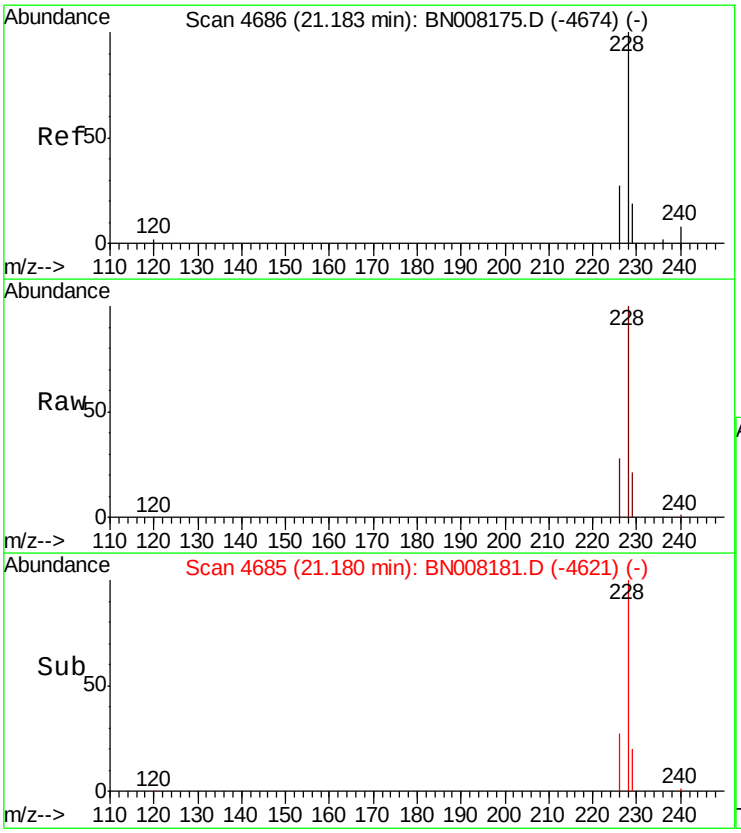


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

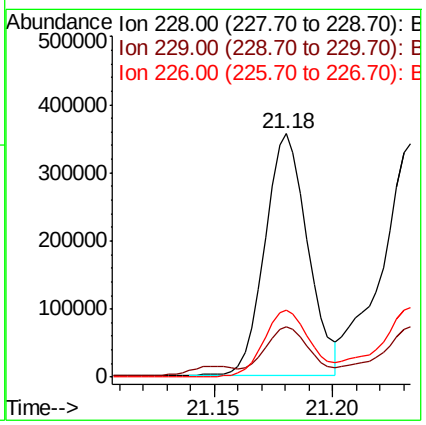
10/16/2019 4:08:19 PM

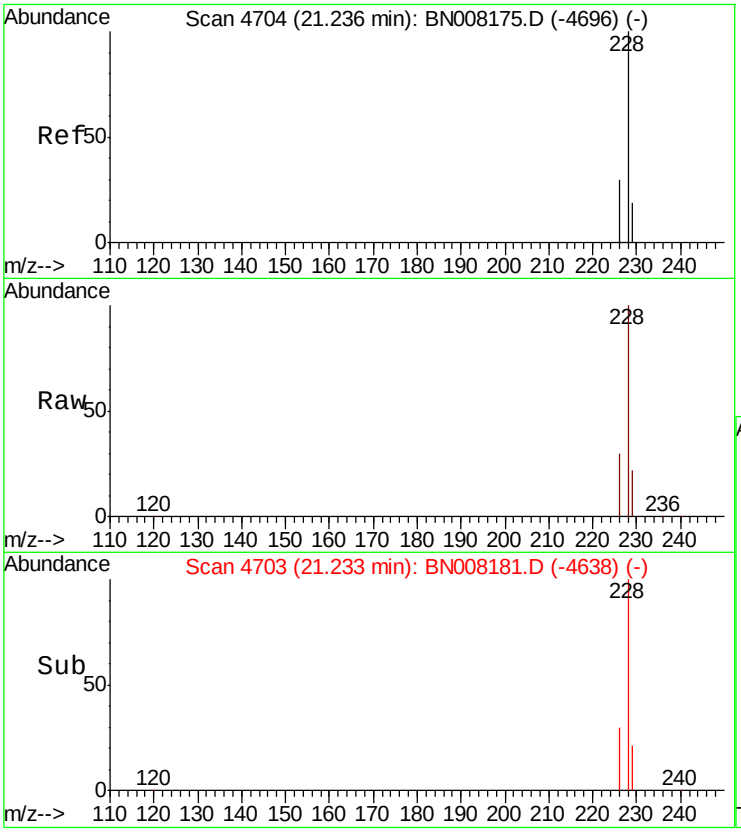


#18
Benzo(a)anthracene
Concen: 7.735 ng/ul m
RT: 21.18 min Scan# 4685
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:228 Resp: 447276

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.6	21.4	32.0

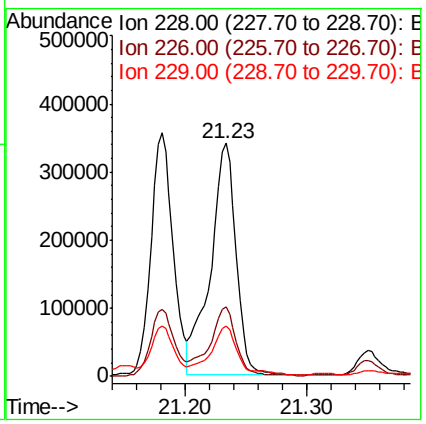




#19
Chrysene
Concen: 6.993 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:228 Resp: 496207

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.6	16.2	24.2

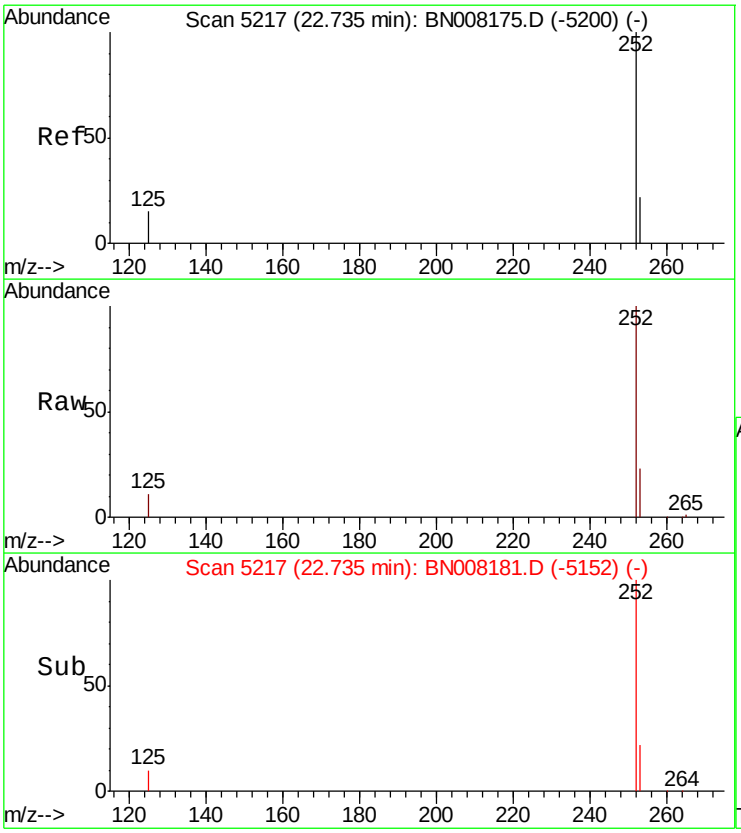


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

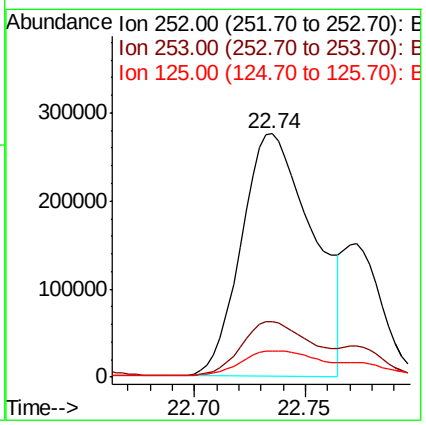
10/16/2019 4:08:19 PM

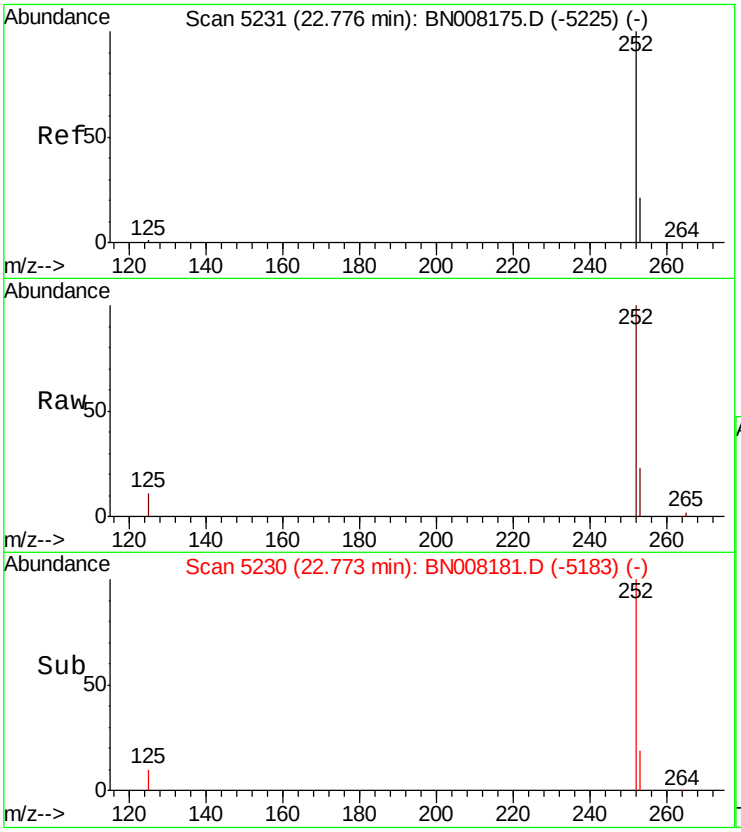


#21
Benzo(b)fluoranthene
Concen: 13.186 ng/ul m
RT: 22.74 min Scan# 5217
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:252 Resp: 614809

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	53.4
125	10.9	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 3.356 ng/ul m
RT: 22.77 min Scan# 5230
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:252 Resp: 177251

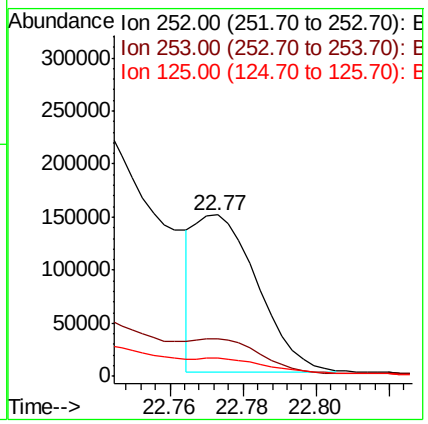
Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.3	31.9
125	11.2	12.3	18.5#

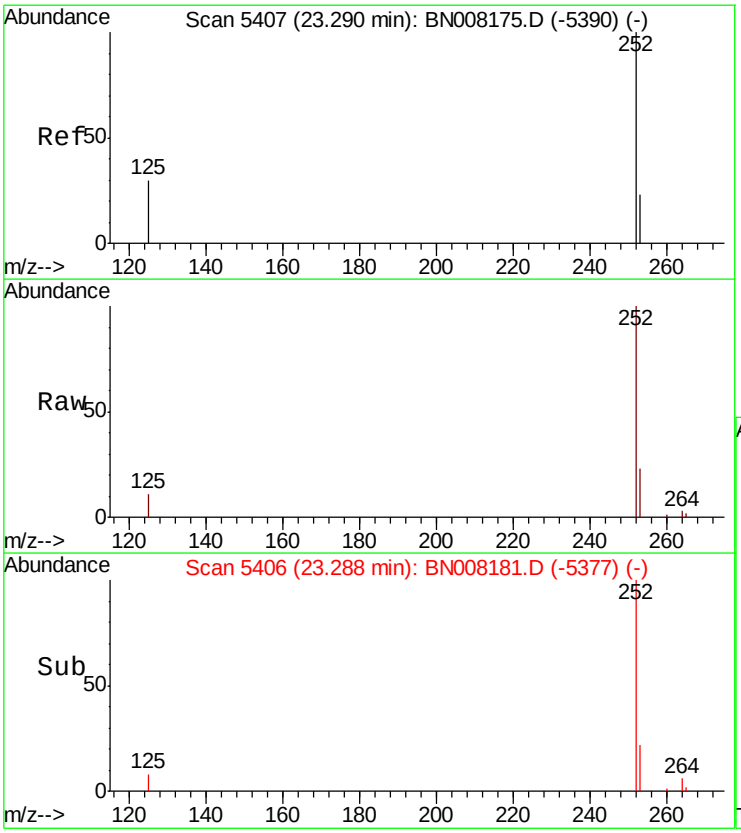
Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

10/16/2019 4:08:19 PM

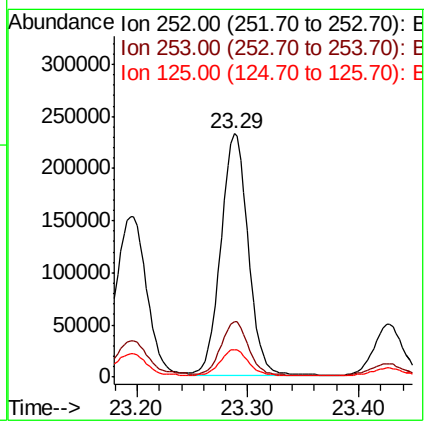


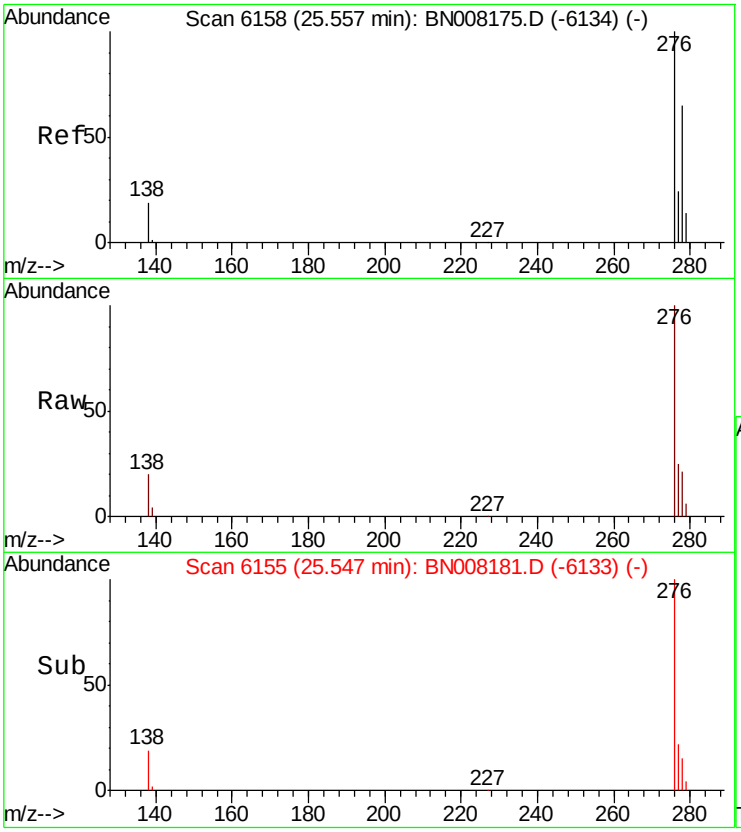


#23
Benzo(a)pyrene
Concen: 8.091 ng/ul
RT: 23.29 min Scan# 5406
Delta R.T. -0.01 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:252 Resp: 396976

Ion	Ratio	Lower	Upper
252	100		
253	22.7	22.8	34.2#
125	11.4	18.4	27.6#

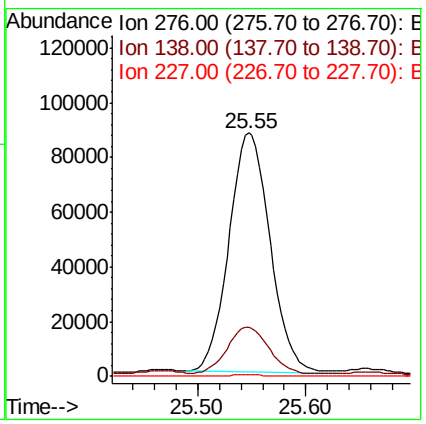




#24
Indeno(1,2,3-cd)pyrene
Concen: 3.976 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. -0.03 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:276 Resp: 229775

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.1	24.1
227	0.2	0.2	0.2

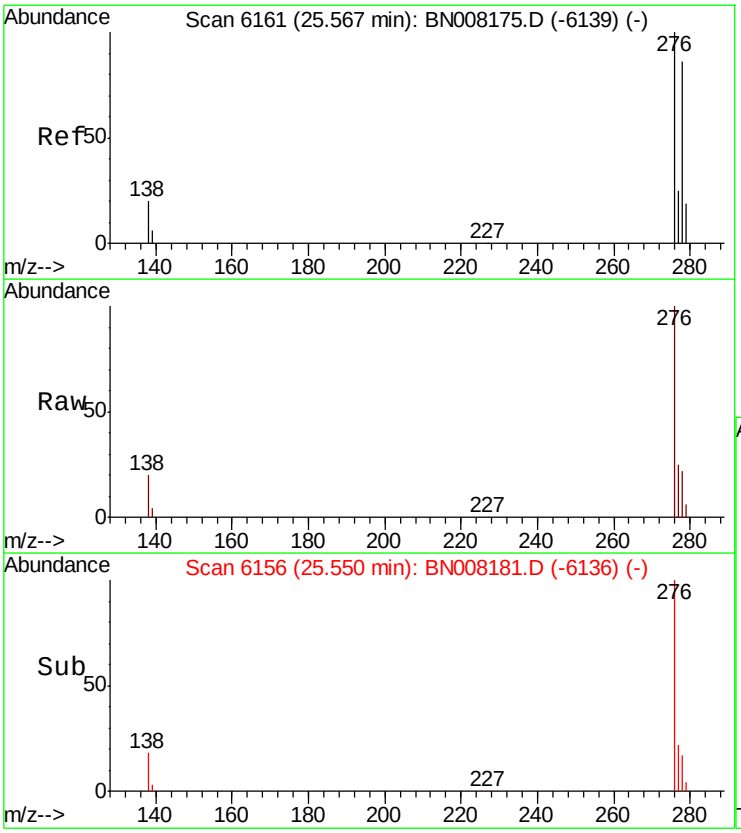


Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

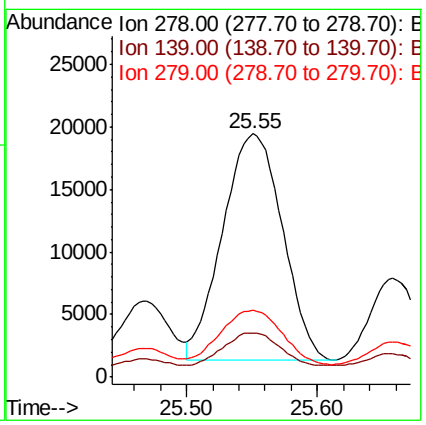
10/16/2019 4:08:19 PM

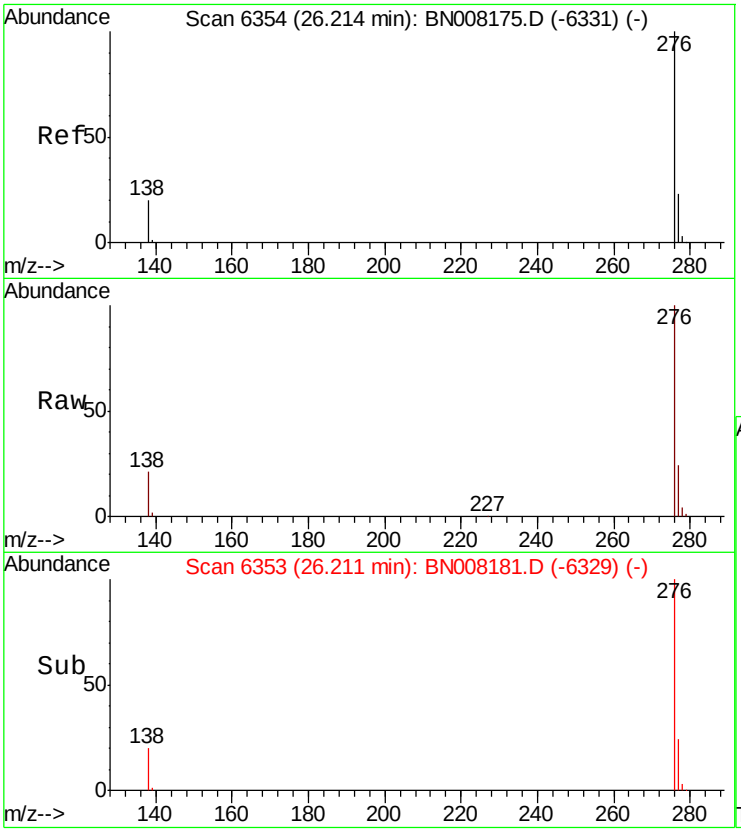


#25
Dibenzo(a,h)anthracene
Concen: 1.262 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.03 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:278 Resp: 57665

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.0	22.6
279	27.4	22.4	33.6

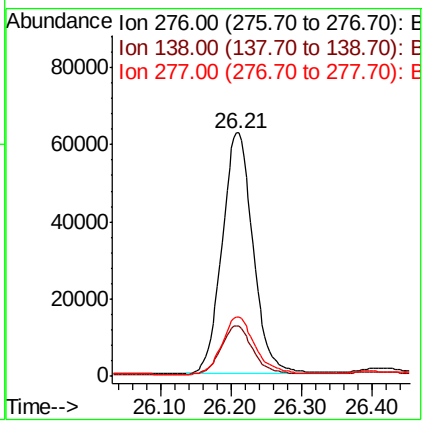




#26
Benzo(g,h,i)perylene
Concen: 3.567 ng/ul
RT: 26.21 min Scan# 6353
Delta R.T. -0.02 min
Lab File: BN008181.D
Acq: 15 Oct 2019 19:50

Tgt Ion:276 Resp: 189020

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.0	25.4
277	24.4	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEP89

Manual Integrations APPROVED

mohammad

10/16/2019 4:08:19 PM