Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008698.D
Acq On : 22 Nov 2019 04:52
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

Quant Time: Nov 22 07:37:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16182	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9677	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19491m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13779	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14600	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5972	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	14270	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	104673	2.146	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	71748	2.106	ng/ul	100
7) Acenaphthylene	13.95	152	25953	0.485	ng/ul	96
8) Acenaphthene	14.30	153	15120	0.381	ng/ul	99
9) Fluorene	15.29	166	21509	0.461	ng/ul#	94
12) Phenanthrene	17.02	178	242298	3.686	ng/ul	98
13) Anthracene	17.11	178	77252	1.244	ng/ul	99
15) Fluoranthene	19.04	202	394315	4.883	ng/ul	92
17) Pyrene	19.40	202	387680	7.013	ng/ul	98
18) Benzo(a)anthracene	21.16	228	212312	3.831	ng/ul	96
19) Chrysene	21.21	228	219023m	4.024	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	310969m	5.165	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	105392m	1.765	ng/ul	
23) Benzo(a)pyrene	23.25	252	193281	3.420	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.48	276	132082	1.999	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.49	278	35042	0.657	ng/ul#	57
26) Benzo(g,h,i)perylene	26.13	276	123660	2.237	ng/ul	96

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

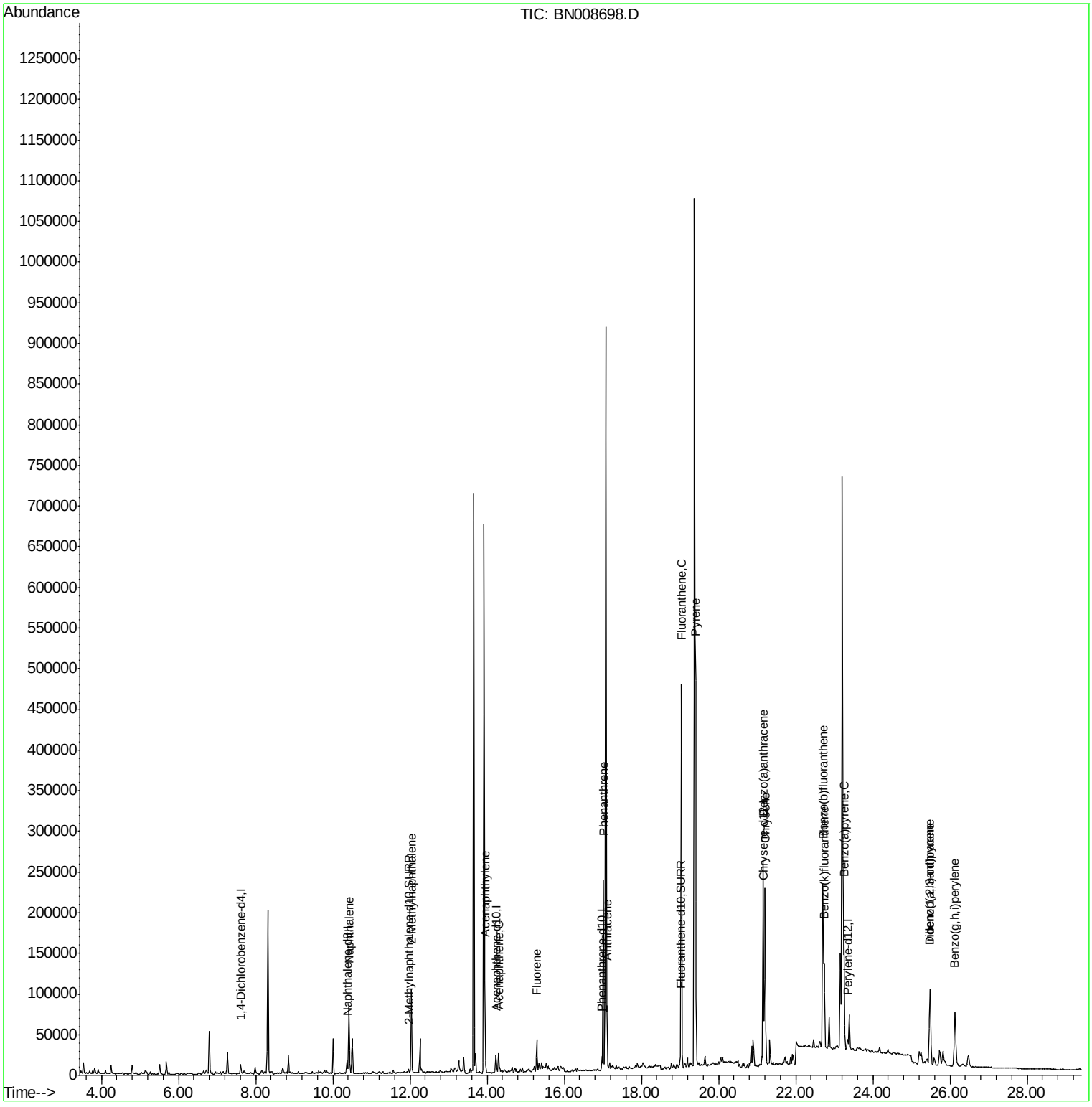
Quantitation Report (QT Reviewed)

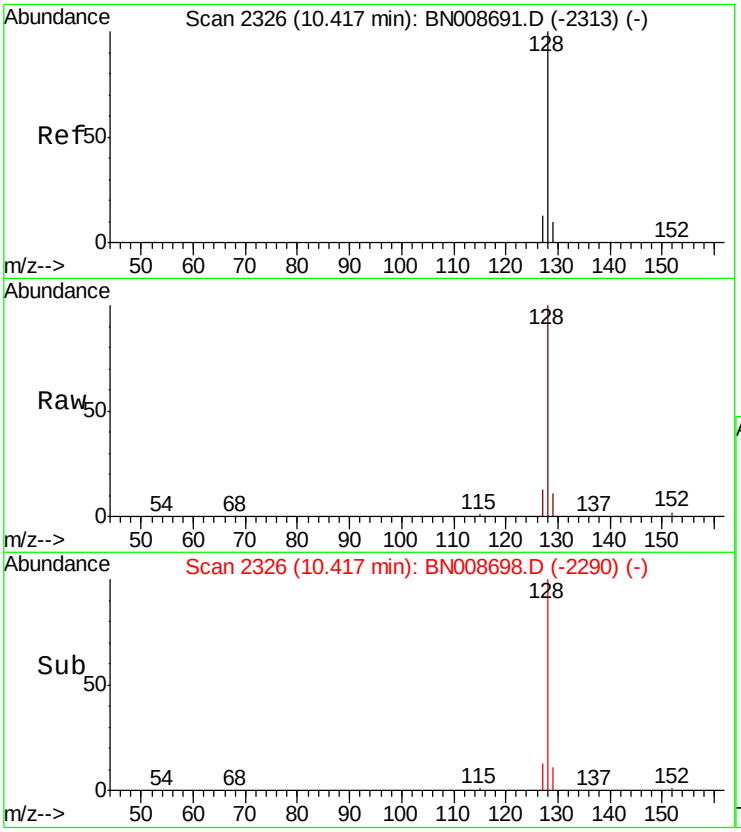
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008698.D
Acq On : 22 Nov 2019 04:52
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 22 07:37:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

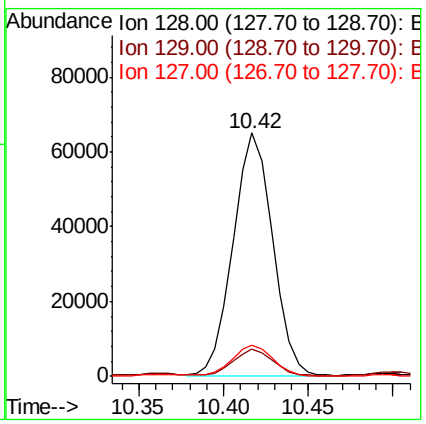




#3
Naphthalene
Concen: 2.146 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

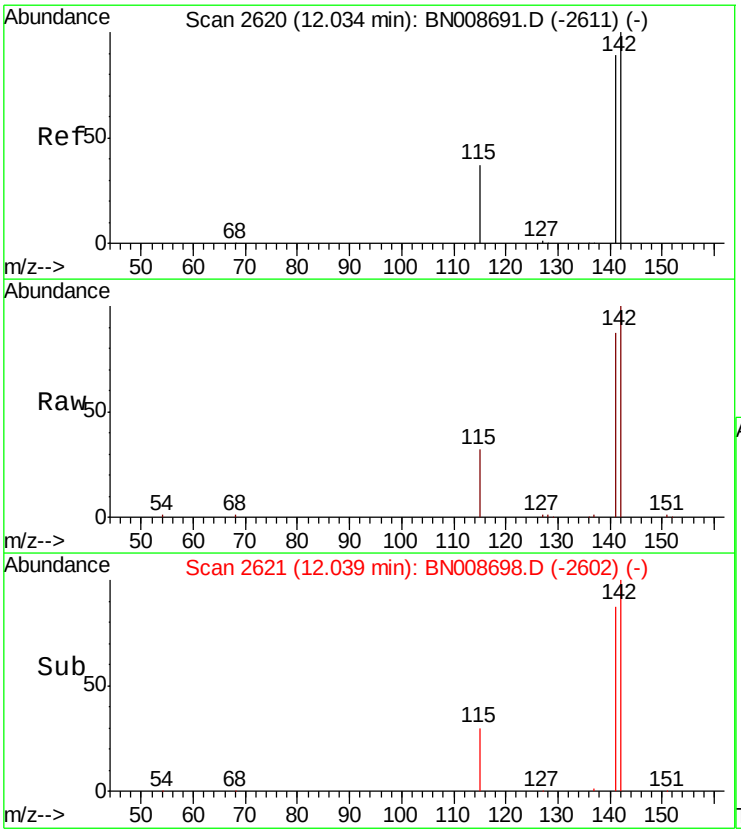
Tgt Ion:128 Resp: 104673

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	12.9	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AD3

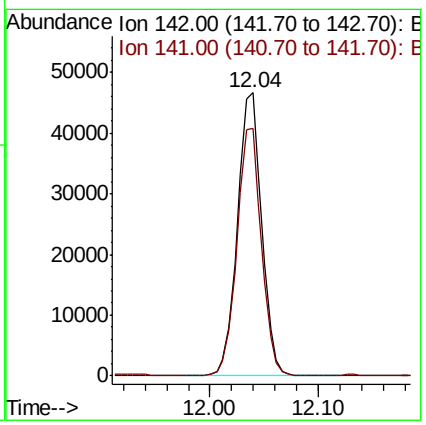
Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

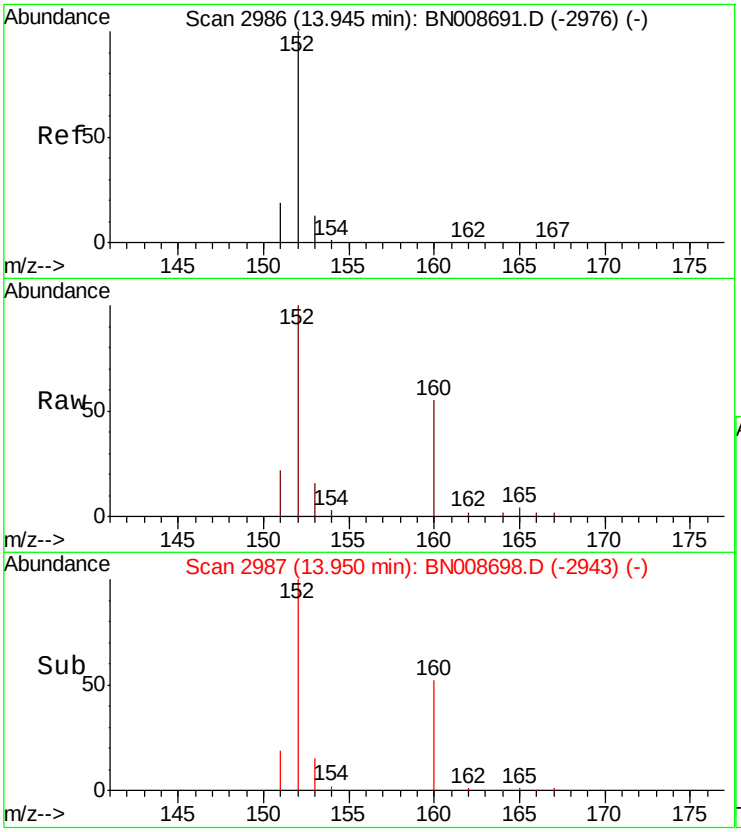


#5
2-Methylnaphthalene
Concen: 2.106 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:142 Resp: 71748

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7

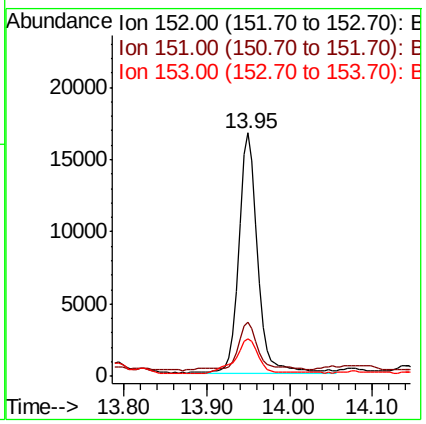




#7
Acenaphthylene
Concen: 0.485 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. 0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

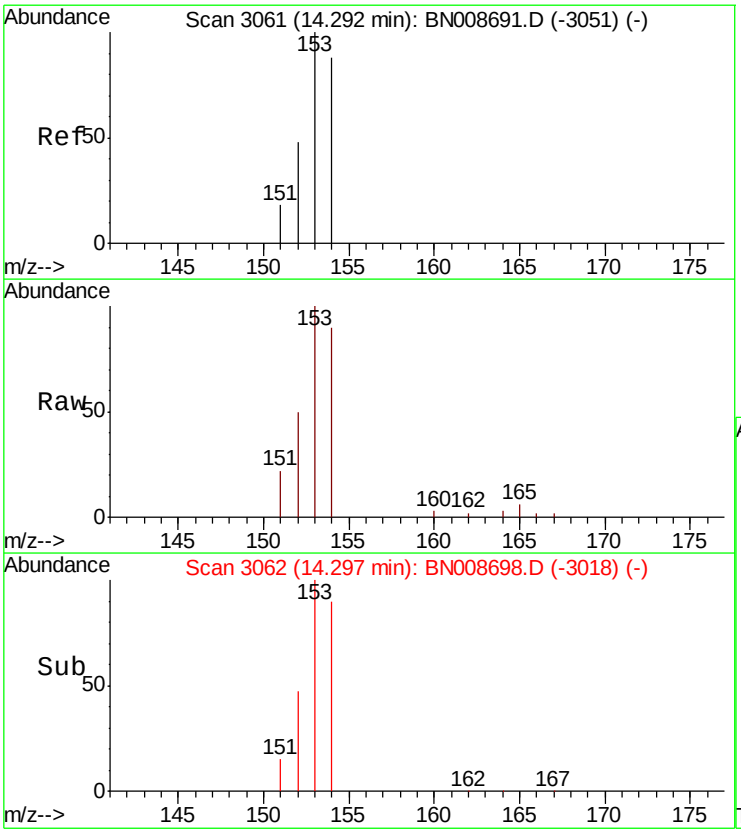
Tgt Ion:152 Resp: 25953

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.6	24.8
153	15.6	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0AD3

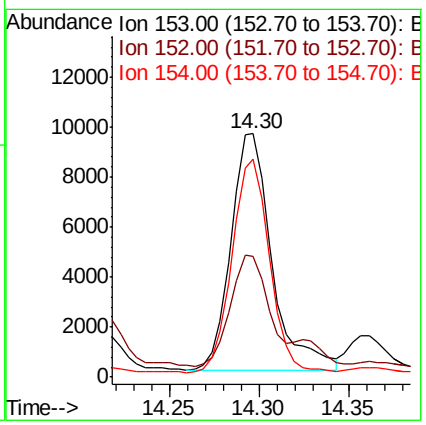
Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

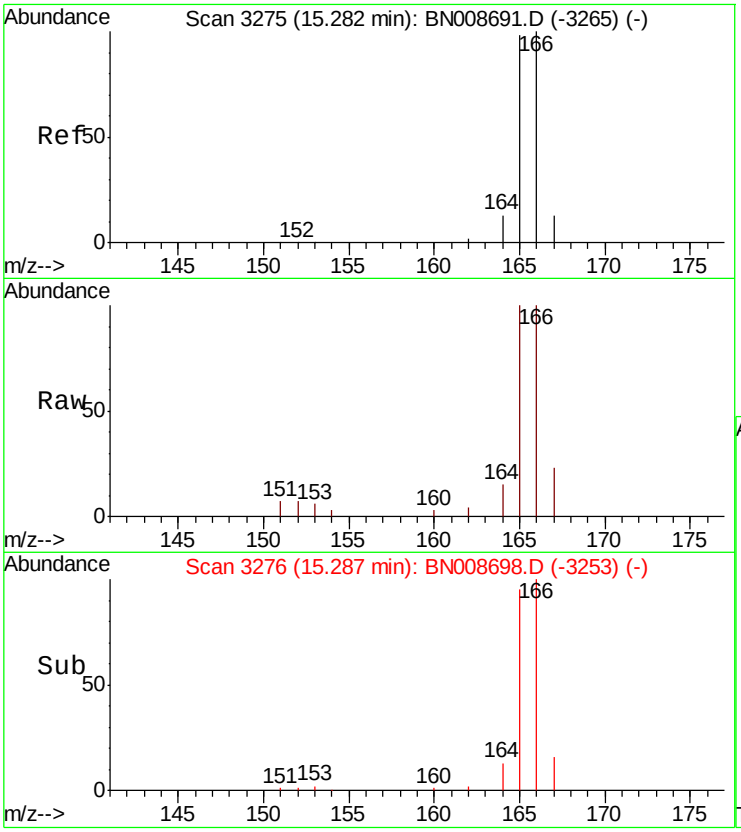


#8
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.30 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:153 Resp: 15120

Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.6	59.4
154	89.6	70.6	106.0

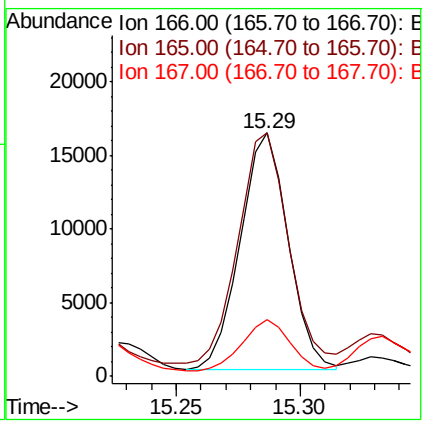




#9
Fluorene
Concen: 0.461 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

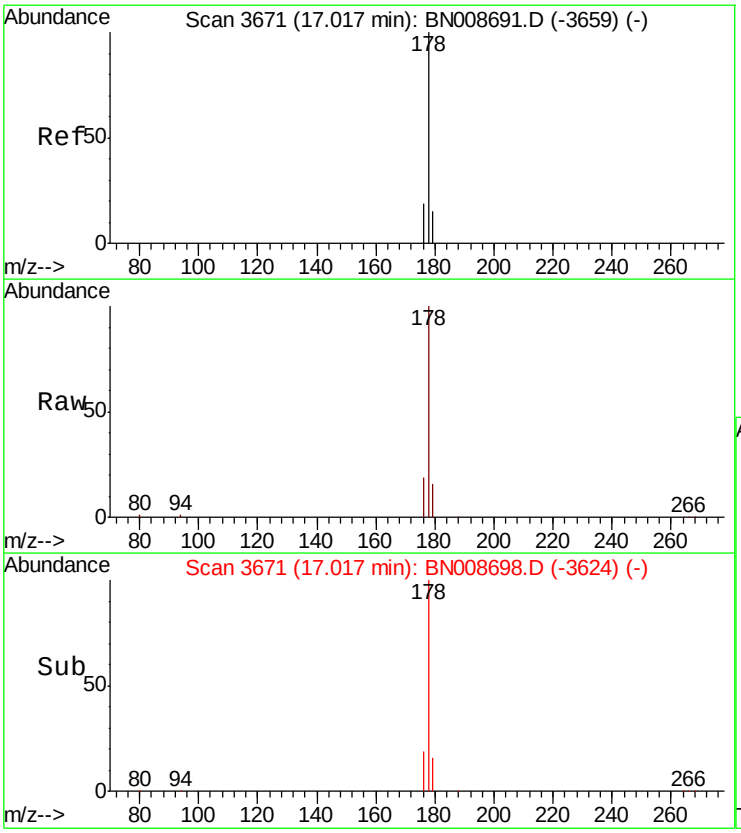
Tgt Ion:166 Resp: 21509

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.4	116.0
167	23.1	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
C0AD3

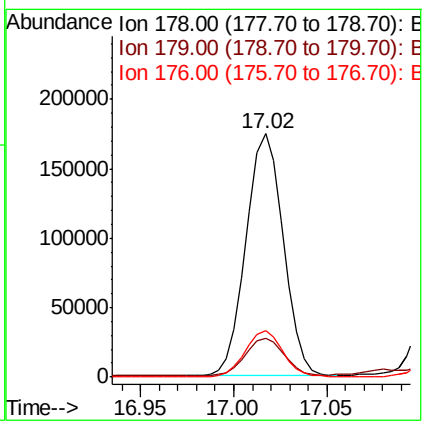
Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

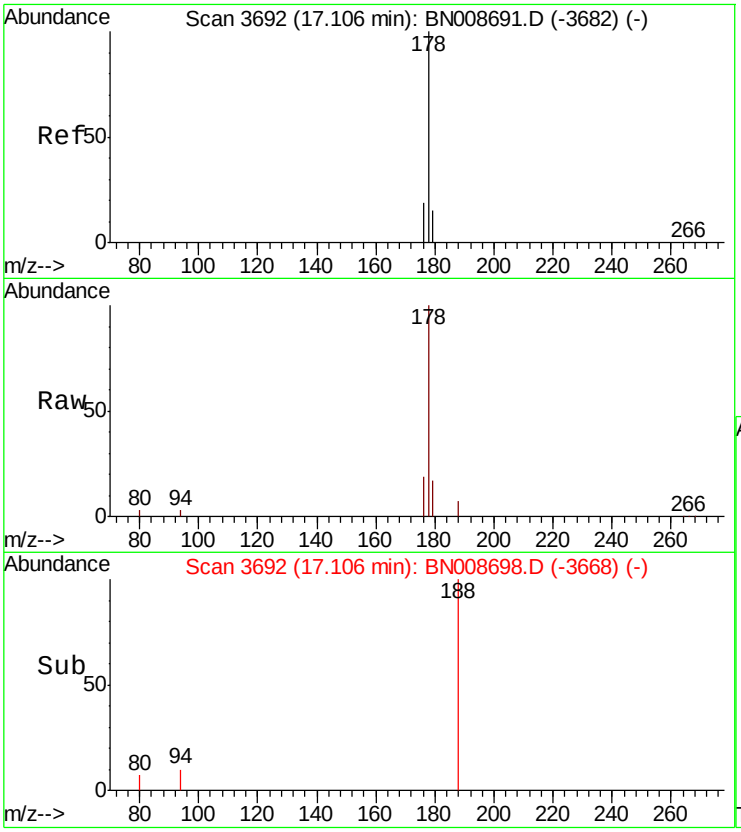


#12
Phenanthrene
Concen: 3.686 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:178 Resp: 242298

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	18.9	16.0	24.0

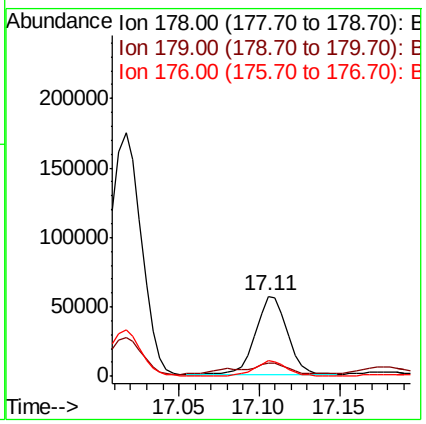




#13
Anthracene
Concen: 1.244 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

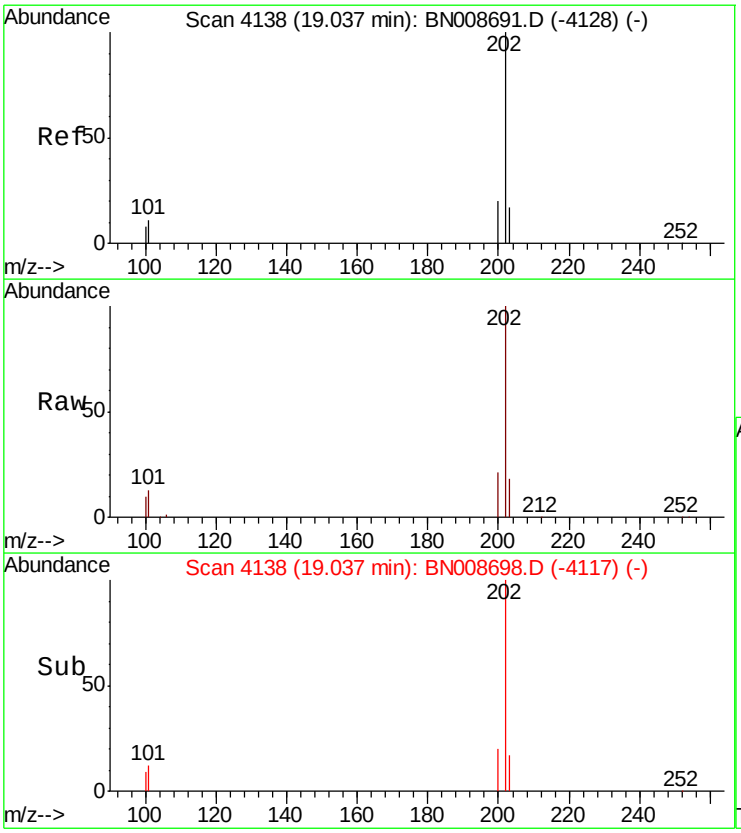
Tgt Ion:178 Resp: 77252

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.4
176	18.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AD3

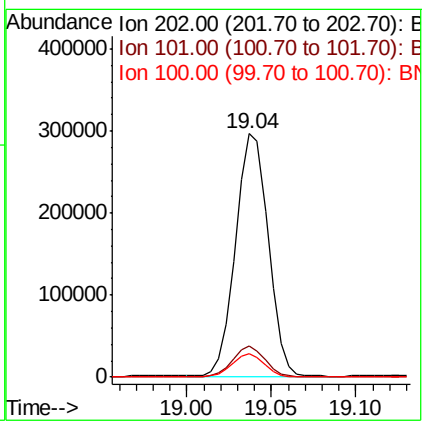
Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

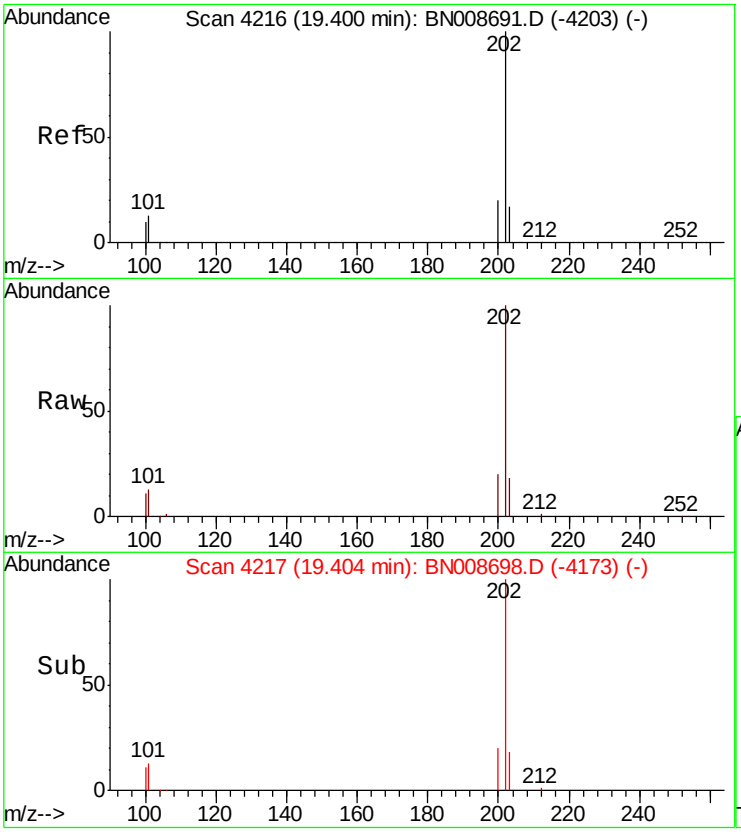


#15
Fluoranthene
Concen: 4.883 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:202 Resp: 394315

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	29.6
100	9.6	0.0	27.0

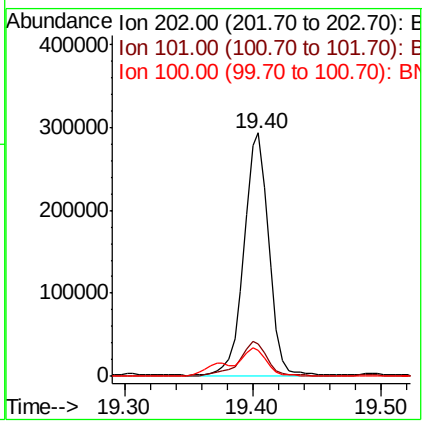




#17
Pyrene
Concen: 7.013 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

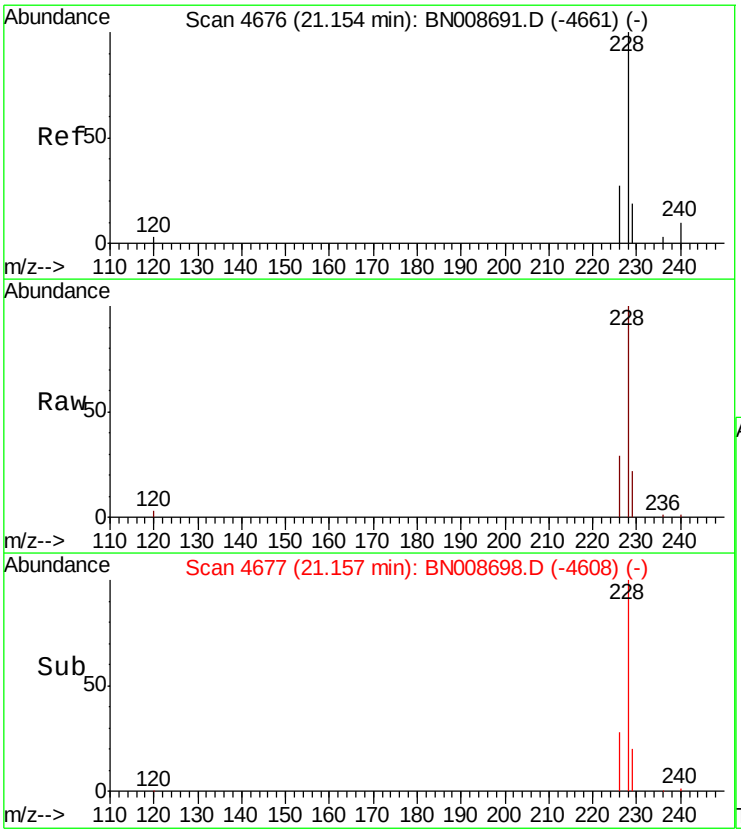
Tgt Ion:202 Resp: 387680

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	10.7	8.2	12.2



Instrument :
BNA_N
ClientSampleId :
C0AD3

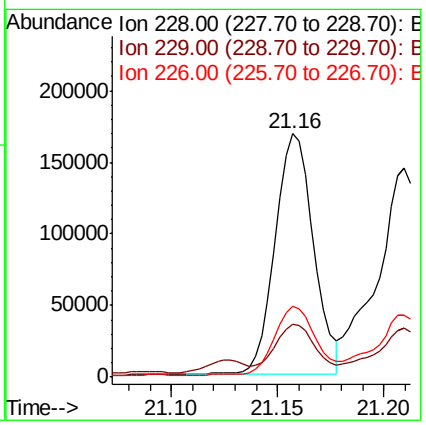
Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

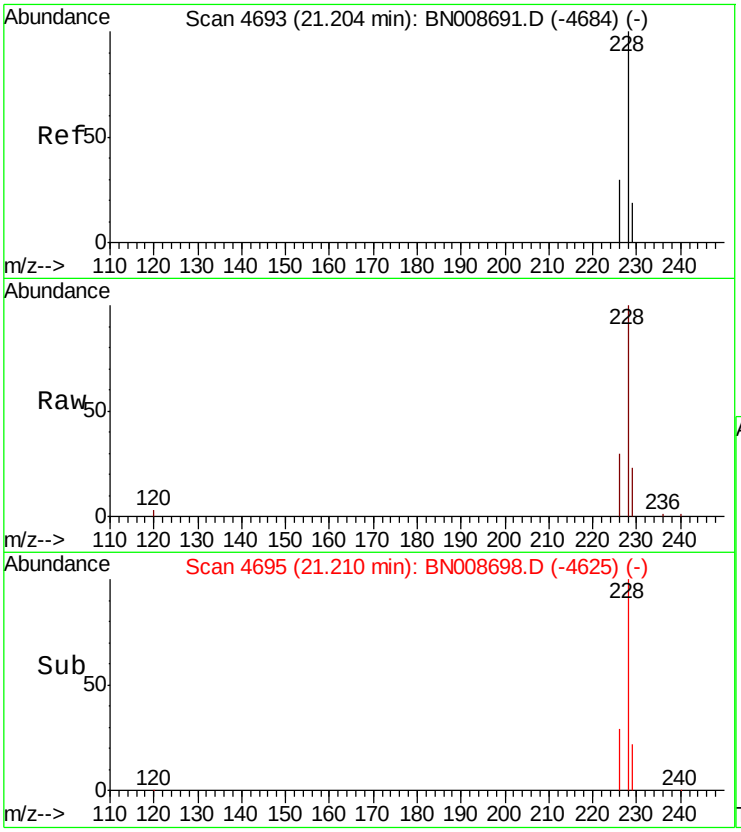


#18
Benzo(a)anthracene
Concen: 3.831 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:228 Resp: 212312

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	28.9	21.6	32.4

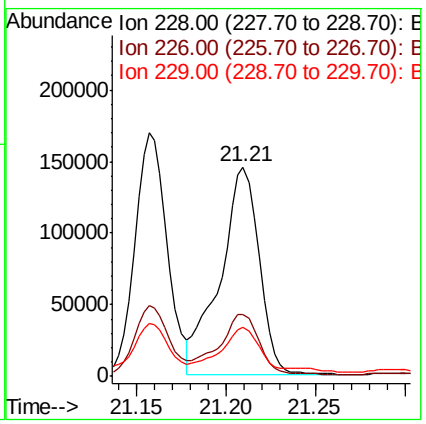




#19
Chrysene
Concen: 4.024 ng/ul m
RT: 21.21 min Scan# 4695
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

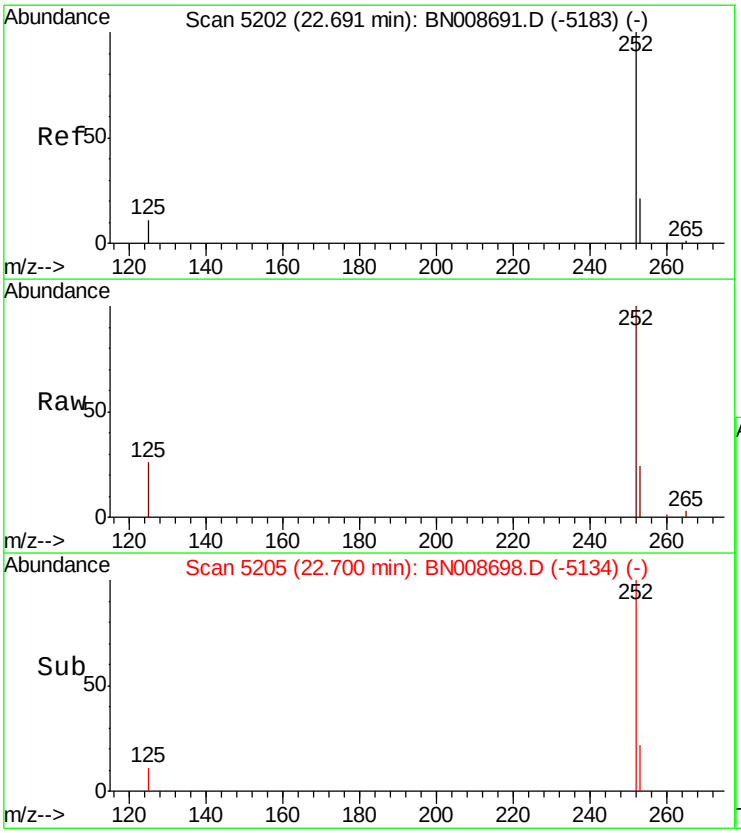
Tgt Ion:228 Resp: 219023

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	23.5	15.5	23.3#



Instrument :
BNA_N
ClientSampleId :
C0AD3

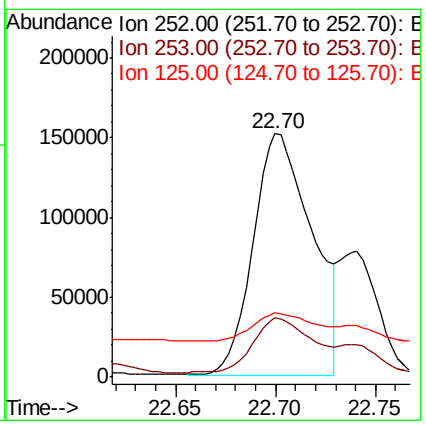
Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

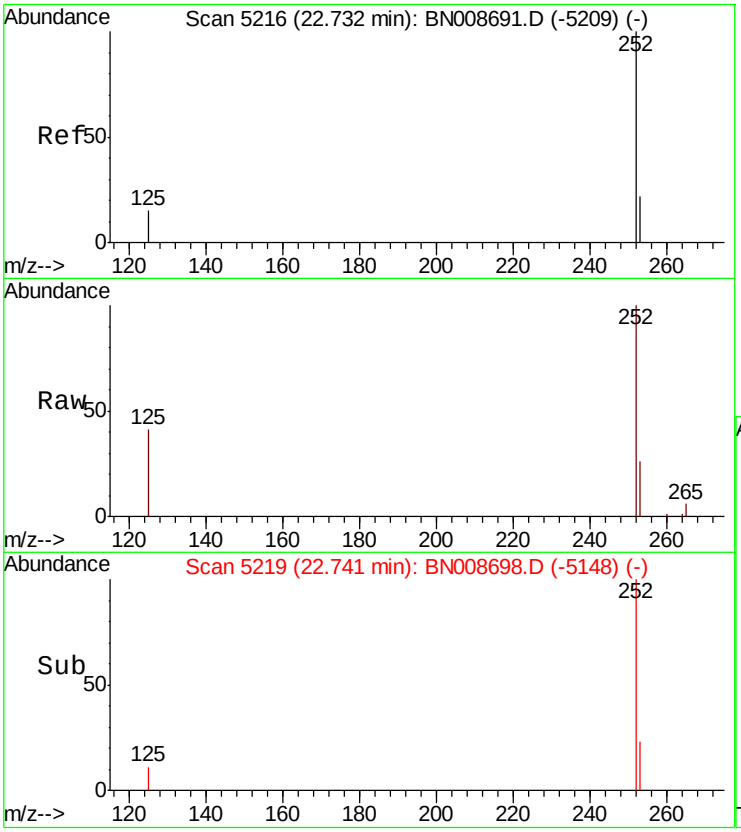


#21
Benzo(b)fluoranthene
Concen: 5.165 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:252 Resp: 310969

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	50.2
125	26.2	0.0	30.0





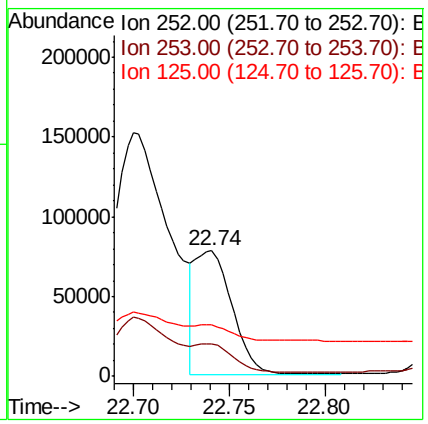
#22
Benzo(k)fluoranthene
Concen: 1.765 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

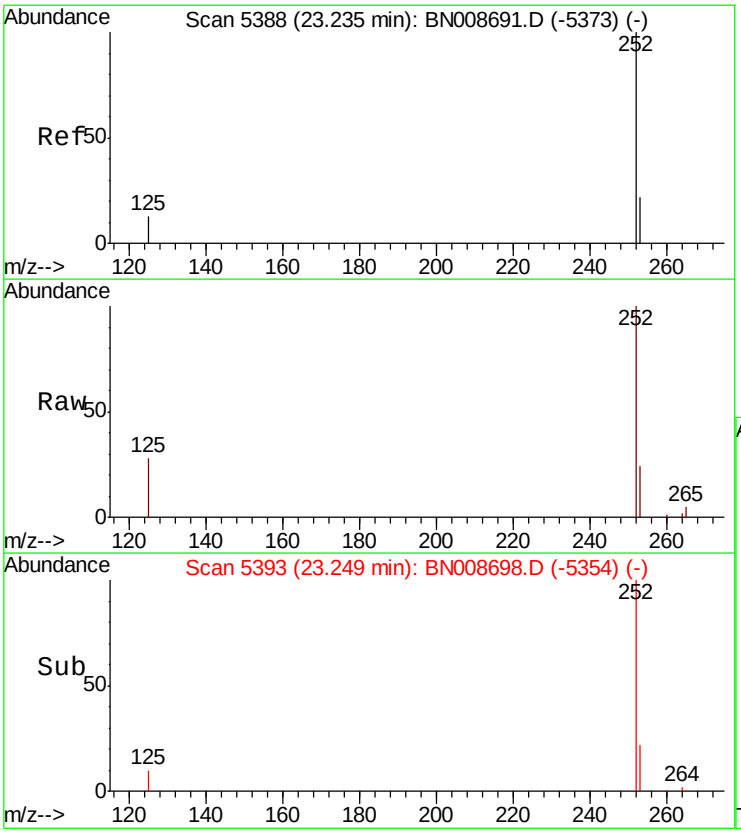
Tgt Ion:252 Resp: 105392

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.5	30.7
125	40.7	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

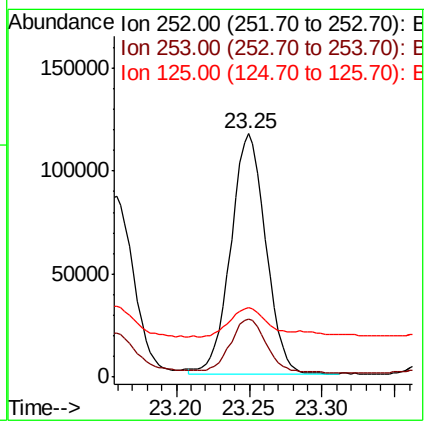


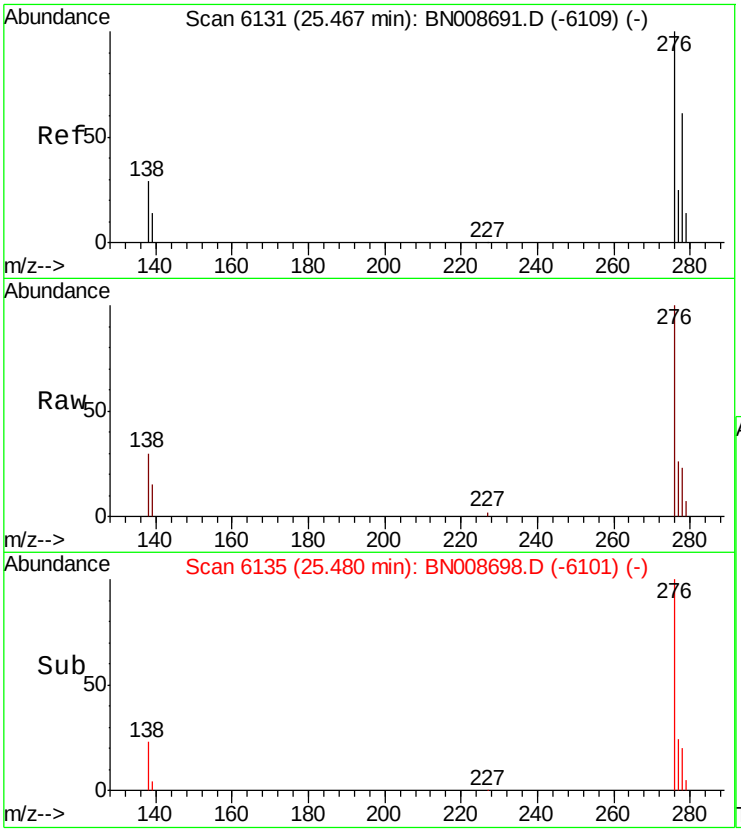


#23
Benzo(a)pyrene
Concen: 3.420 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:252 Resp: 193281

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.4	32.2
125	28.3	13.8	20.8#





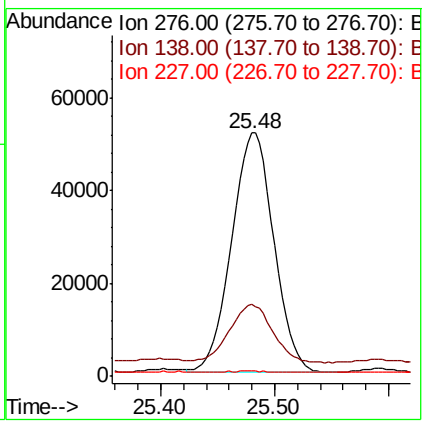
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.999 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

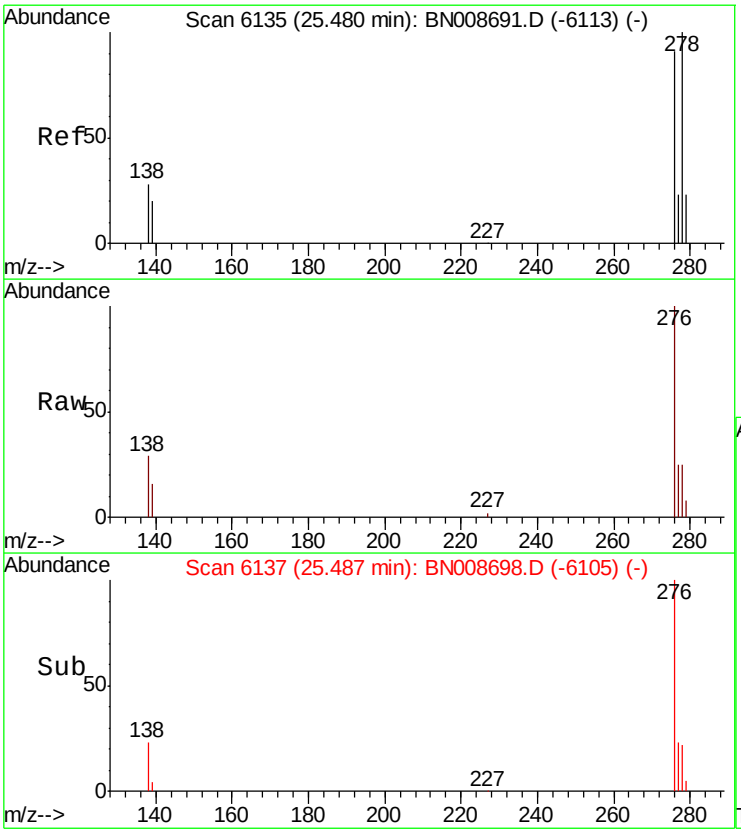
Tgt Ion:276 Resp: 132082

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.7	32.5
227	0.3	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM

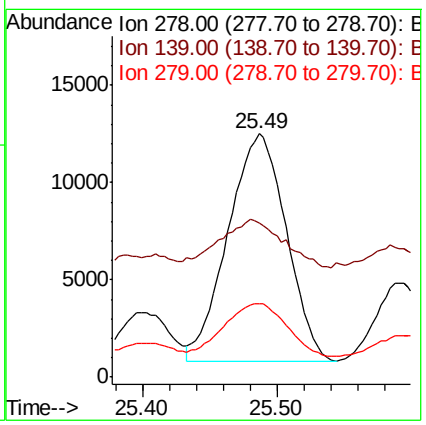


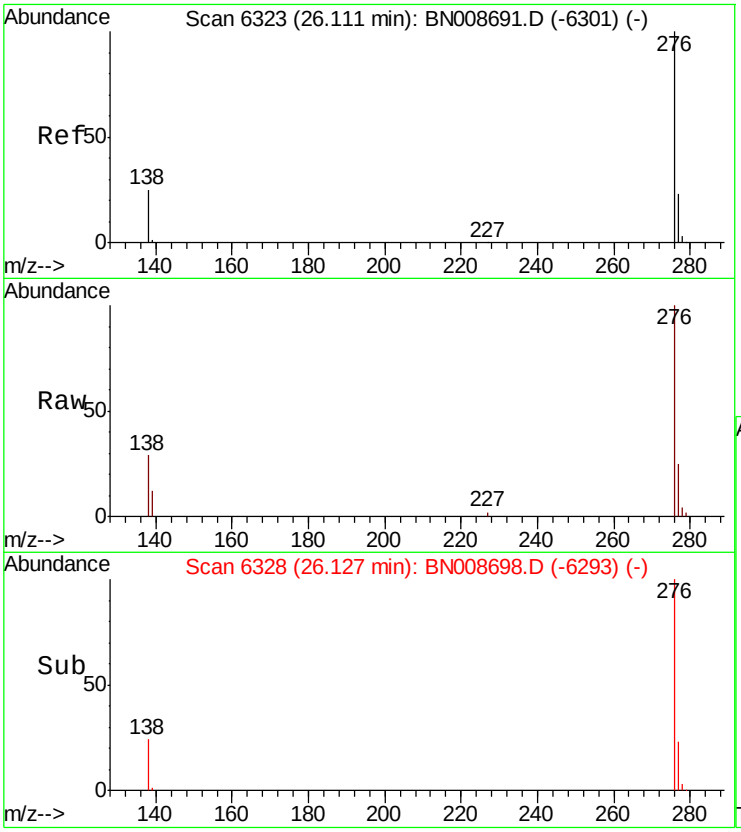


#25
Dibenzo(a,h)anthracene
Concen: 0.657 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. 0.01 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:278 Resp: 35042

Ion	Ratio	Lower	Upper
278	100		
139	63.1	18.7	28.1#
279	30.1	20.8	31.2

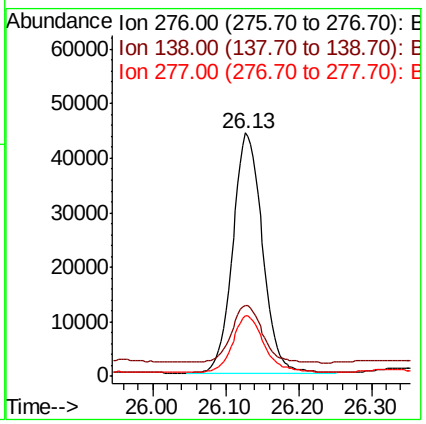




#26
Benzo(g,h,i)perylene
Concen: 2.237 ng/ul
RT: 26.13 min Scan# 6328
Delta R.T. 0.02 min
Lab File: BN008698.D
Acq: 22 Nov 2019 04:52

Tgt Ion:276 Resp: 123660

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.0	30.0
277	24.9	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
mohammad
11/22/2019 1:24:33 PM