Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008686.D
Acq On : 21 Nov 2019 20:27
Operator : JU
Sample : K5851-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

Quant Time: Nov 22 06:59:24 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 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4252	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8940	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17465	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	15071	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	15596	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	940	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2051	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	5202	0.115	ng/ul	95
5) 2-Methylnaphthalene	12.04	142	4806	0.152	ng/ul	100
7) Acenaphthylene	13.95	152	1333	0.027	ng/ul#	80
8) Acenaphthene	14.30	153	1009	0.028	ng/ul#	93
9) Fluorene	15.29	166	1403	0.033	ng/ul#	91
12) Phenanthrene	17.02	178	24410	0.414	ng/ul	99
13) Anthracene	17.11	178	4431	0.080	ng/ul	96
15) Fluoranthene	19.04	202	44795	0.619	ng/ul	94
17) Pyrene	19.40	202	38736	0.641	ng/ul	97
18) Benzo(a)anthracene	21.16	228	20061	0.331	ng/ul	96
19) Chrysene	21.21	228	22990	0.386	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	28485m	0.443	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	12180m	0.191	ng/ul	
23) Benzo(a)pyrene	23.24	252	17926	0.297	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.47	276	13197	0.187	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.48	278	3312	0.058	ng/ul#	46
26) Benzo(g,h,i)perylene	26.12	276	13190	0.223	ng/ul#	91

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

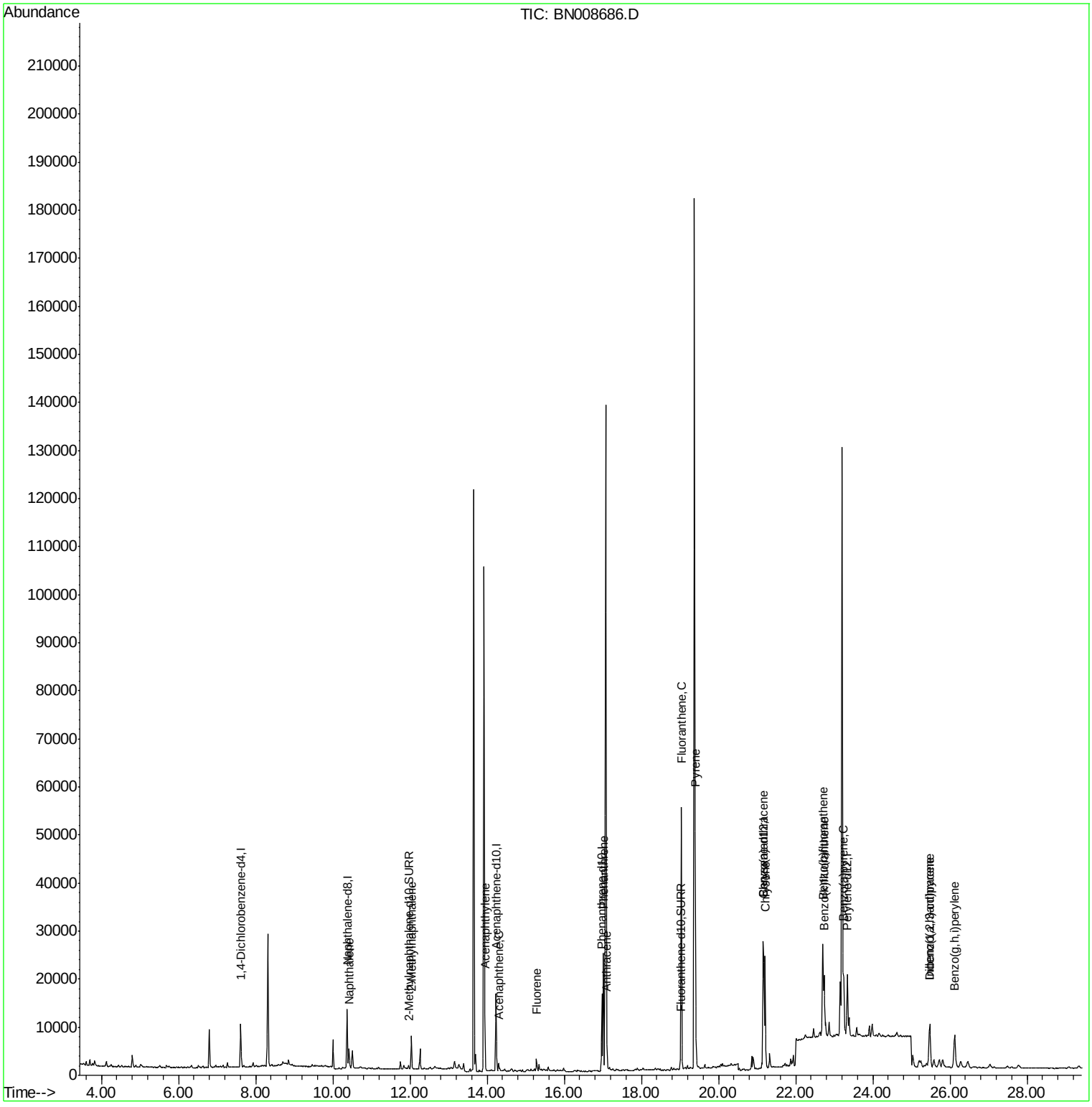
Quantitation Report (QT Reviewed)

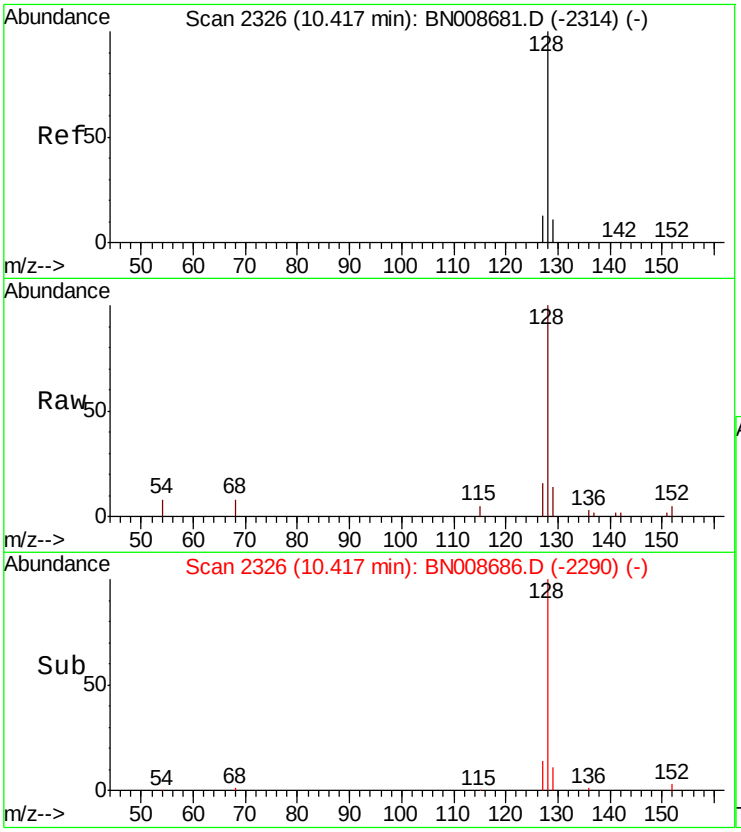
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008686.D
Acq On : 21 Nov 2019 20:27
Operator : JU
Sample : K5851-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 06:59:24 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 06:30:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

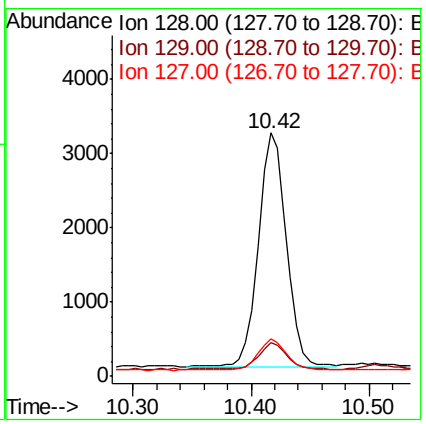




#3
Naphthalene
Concen: 0.115 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

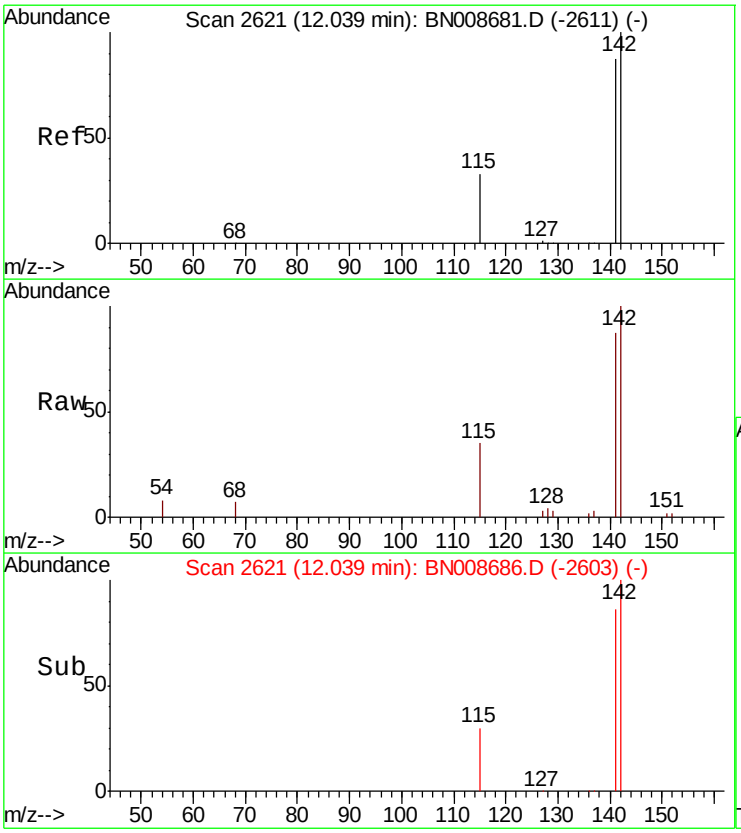
Tgt Ion:128 Resp: 5202

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.7	14.5
127	15.6	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AB4DL

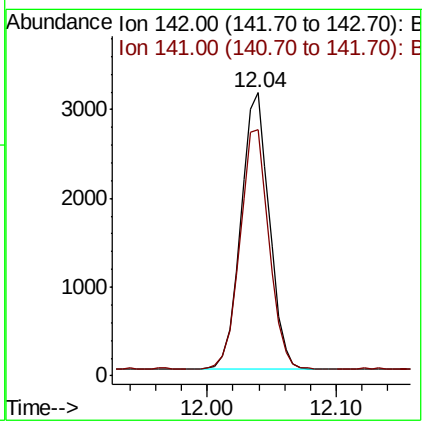
Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

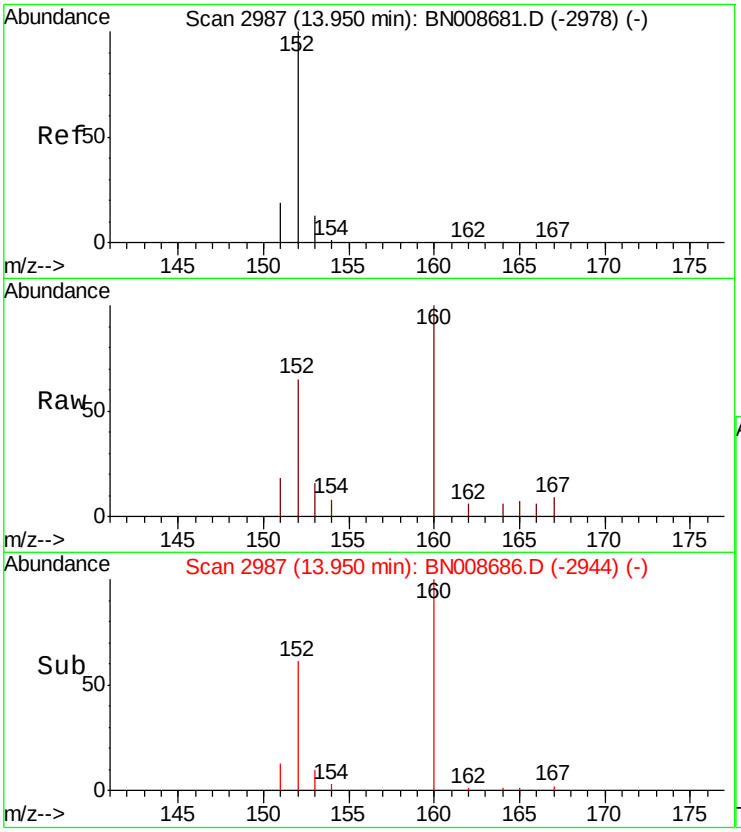


#5
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:142 Resp: 4806

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7

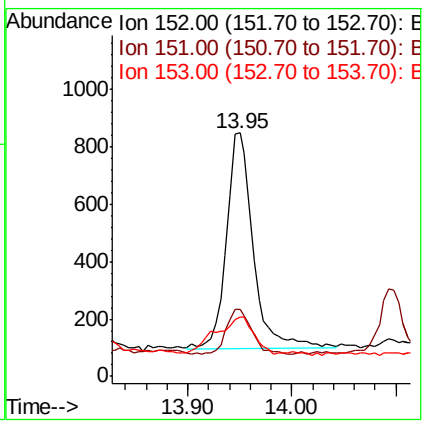




#7
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

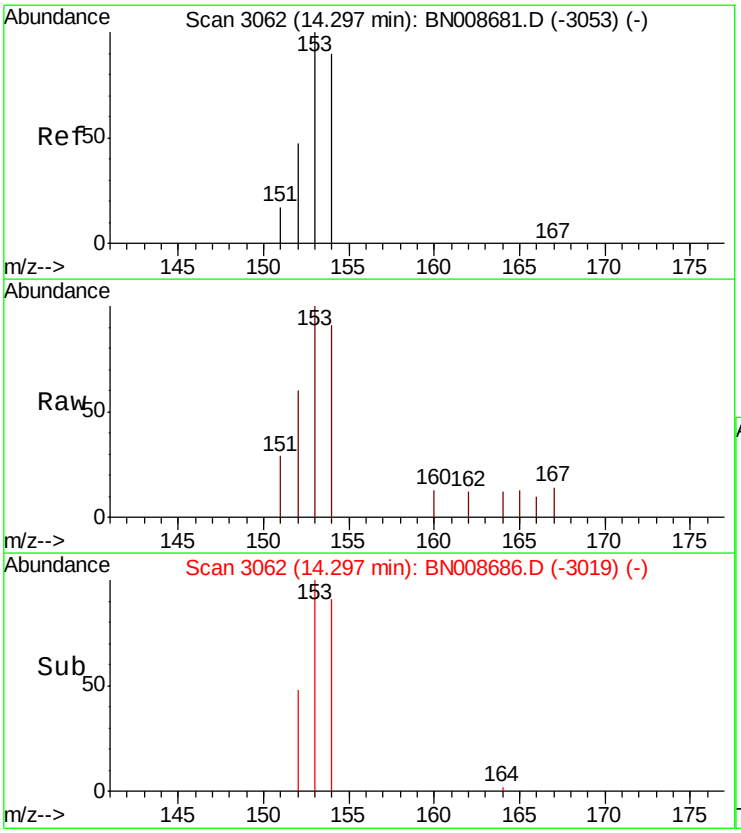
Tgt Ion:152 Resp: 1333

Ion	Ratio	Lower	Upper
152	100		
151	27.7	16.6	24.8#
153	24.6	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0AB4DL

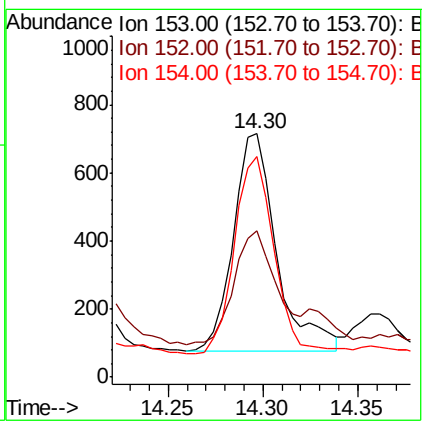
Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

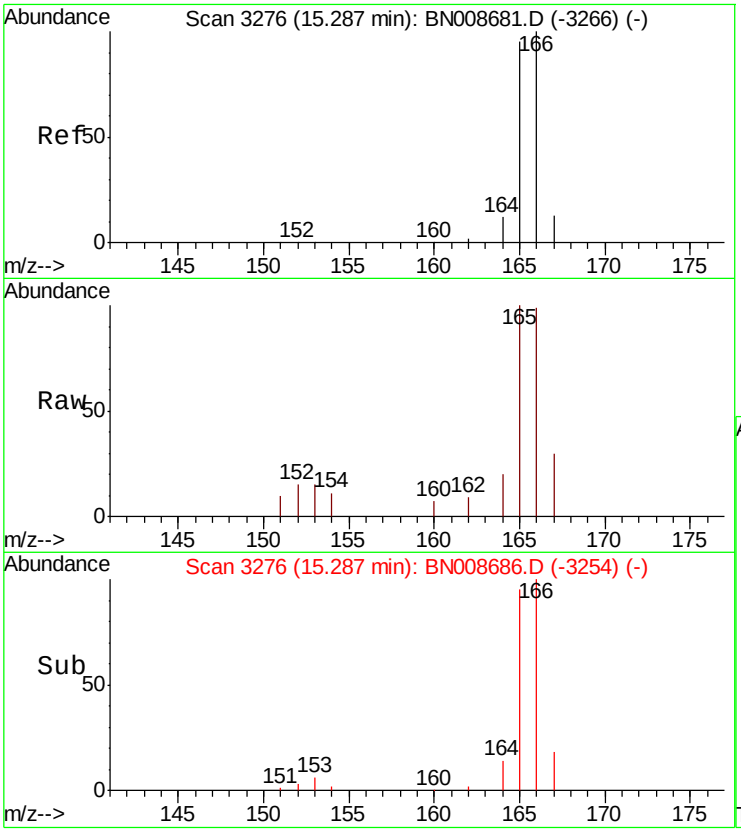


#8
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.30 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:153 Resp: 1009

Ion	Ratio	Lower	Upper
153	100		
152	60.3	39.6	59.4#
154	90.8	70.6	106.0

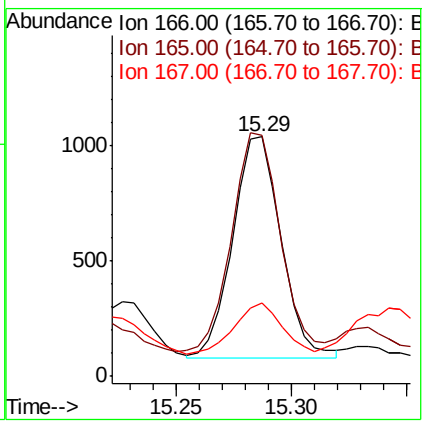




#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

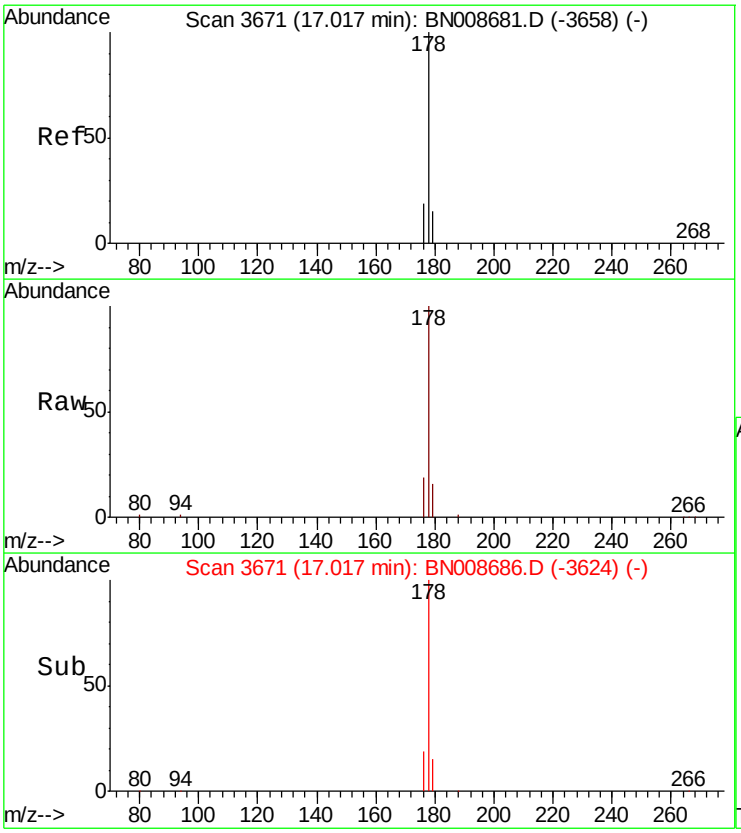
Tgt Ion:166 Resp: 1403

Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.4	116.0
167	30.6	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
C0AB4DL

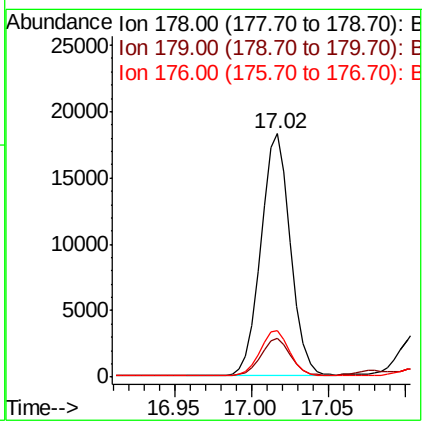
Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

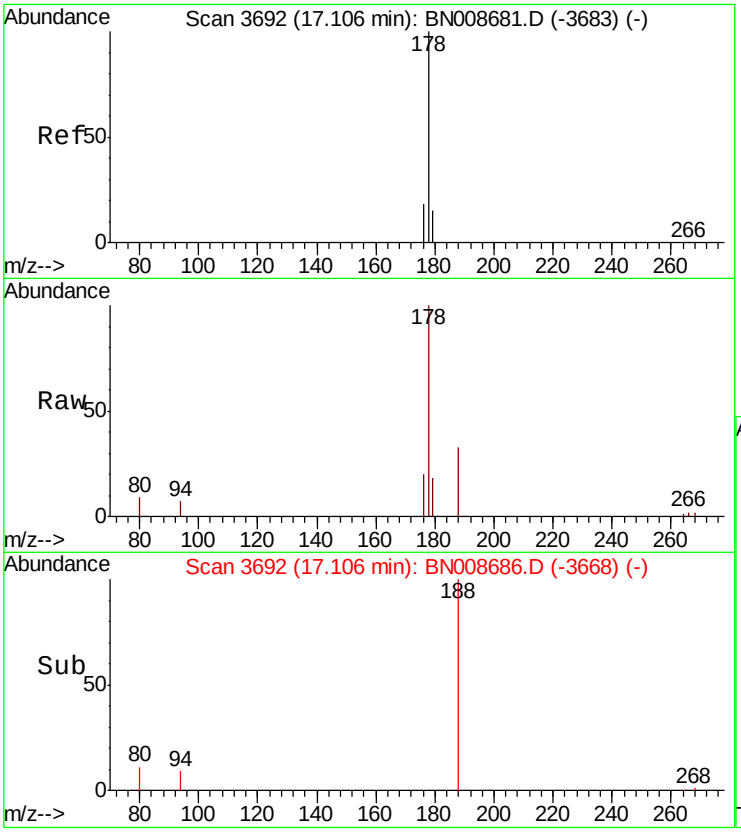


#12
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:178 Resp: 24410

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	18.9	16.0	24.0

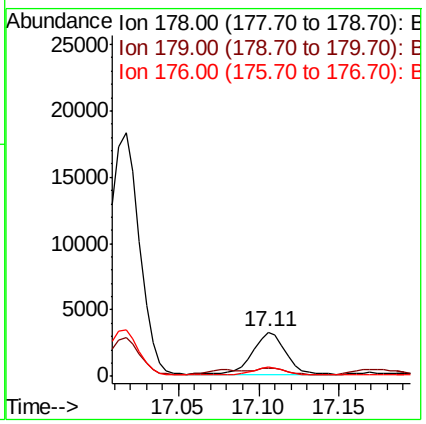




#13
Anthracene
Concen: 0.080 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

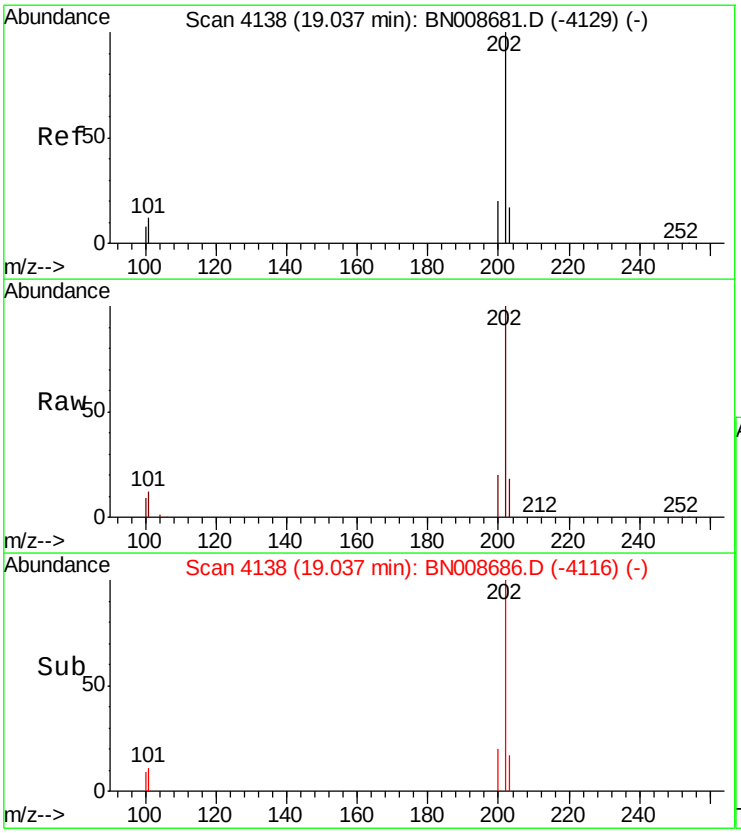
Tgt Ion:178 Resp: 4431

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.4
176	20.4	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AB4DL

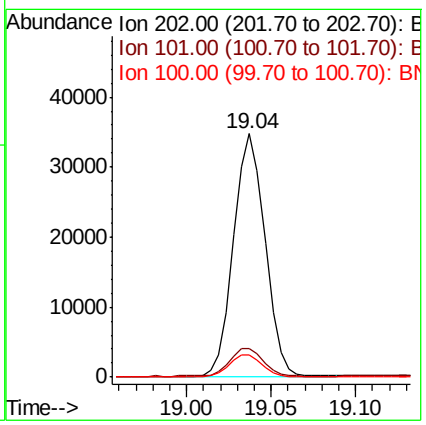
Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

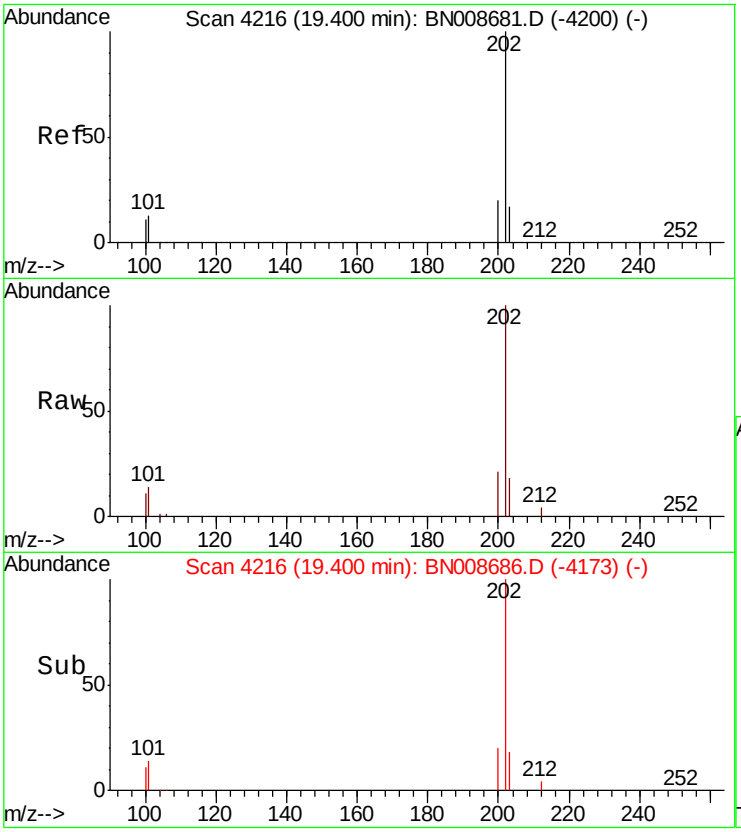


#15
Fluoranthene
Concen: 0.619 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:202 Resp: 44795

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	29.6
100	8.9	0.0	27.0





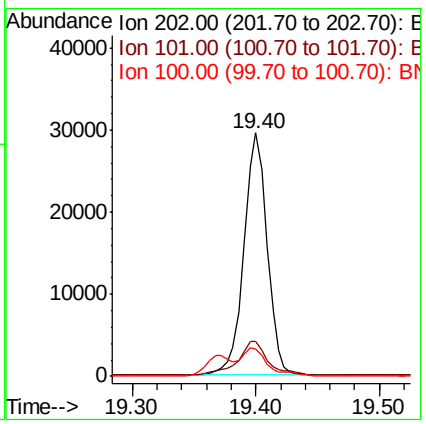
#17
Pyrene
Concen: 0.641 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

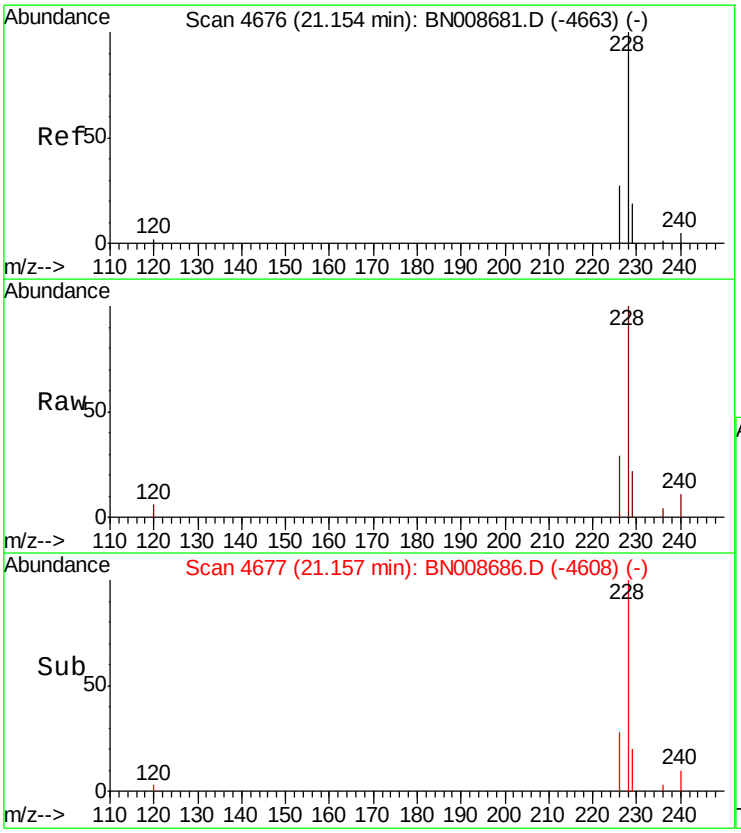
Tgt Ion:202 Resp: 38736

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.2	15.2
100	11.3	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

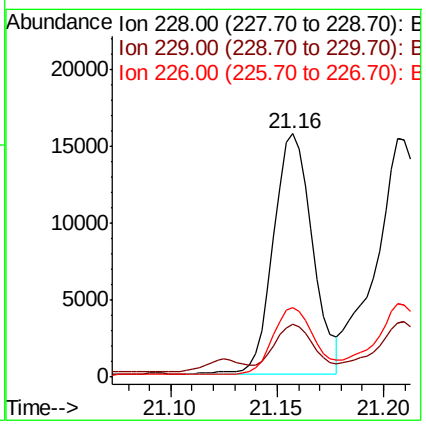


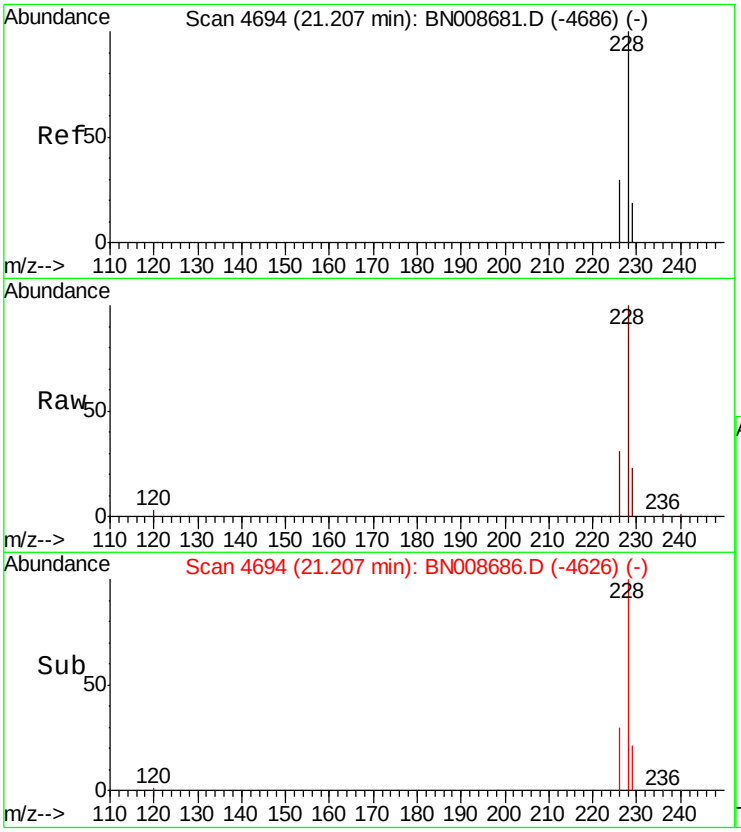


#18
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:228 Resp: 20061

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	28.8	21.6	32.4





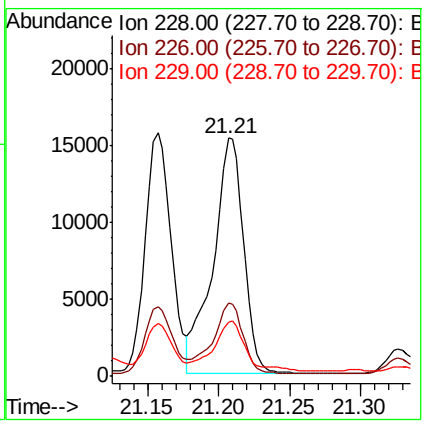
#19
Chrysene
Concen: 0.386 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

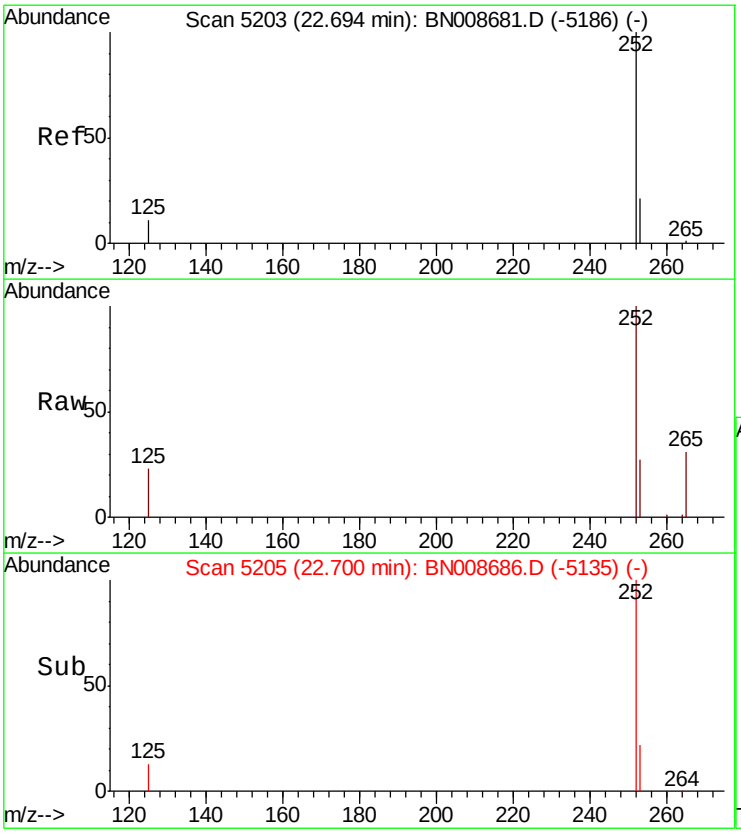
Tgt Ion:228 Resp: 22990

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	22.9	15.5	23.3

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

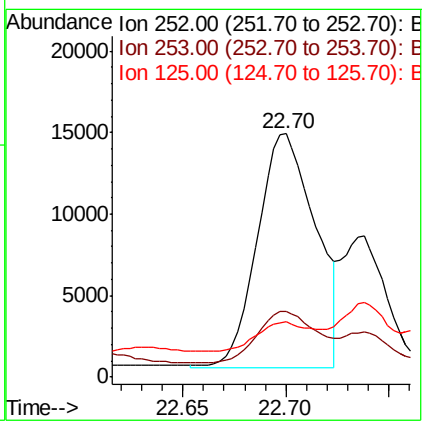


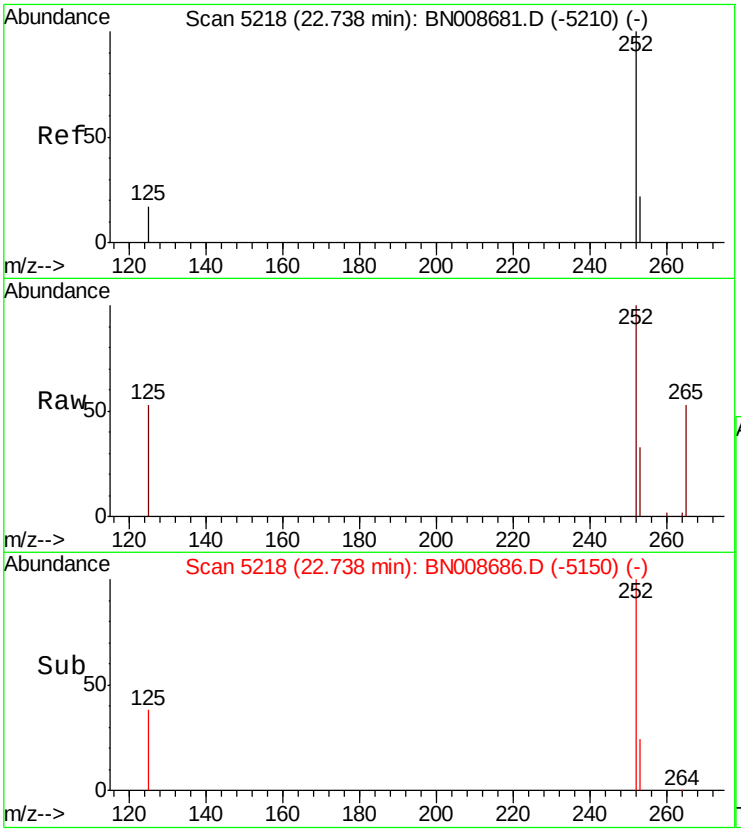


#21
Benzo(b)fluoranthene
Concen: 0.443 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:252 Resp: 28485

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	50.2
125	22.6	0.0	30.0





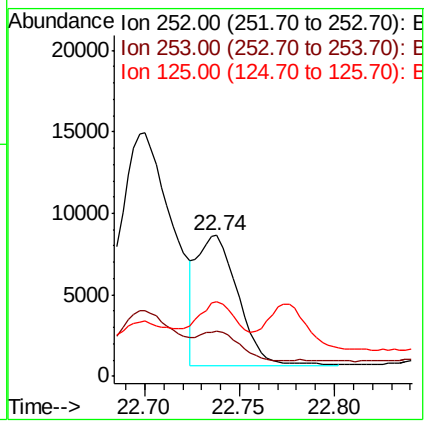
#22
Benzo(k)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

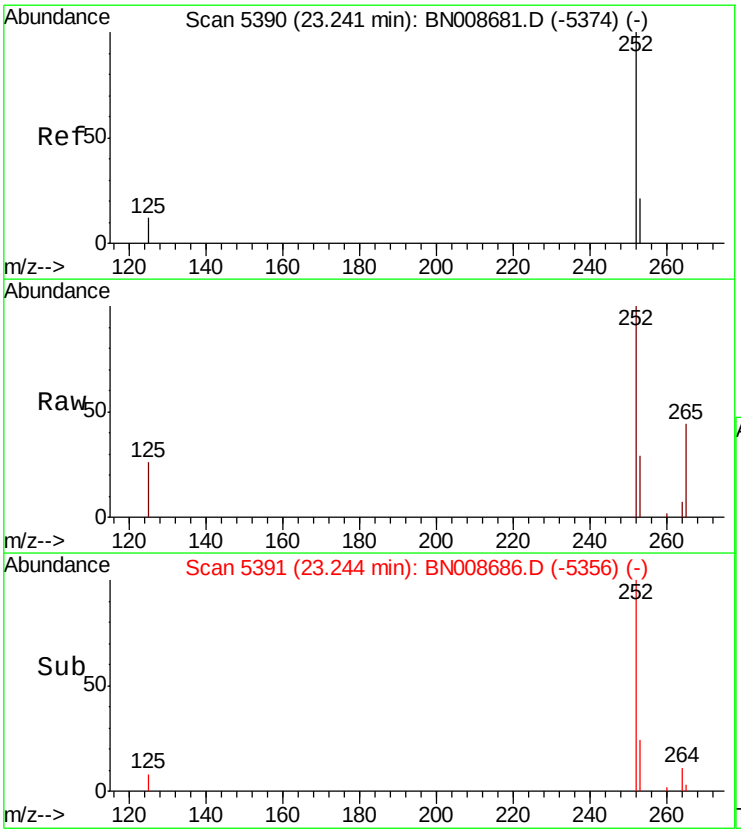
Tgt Ion:252 Resp: 12180

Ion	Ratio	Lower	Upper
252	100		
253	32.5	20.5	30.7#
125	53.1	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

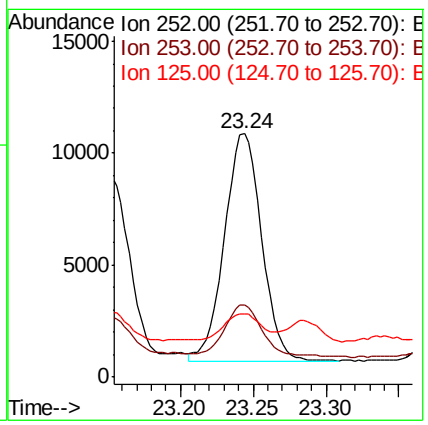


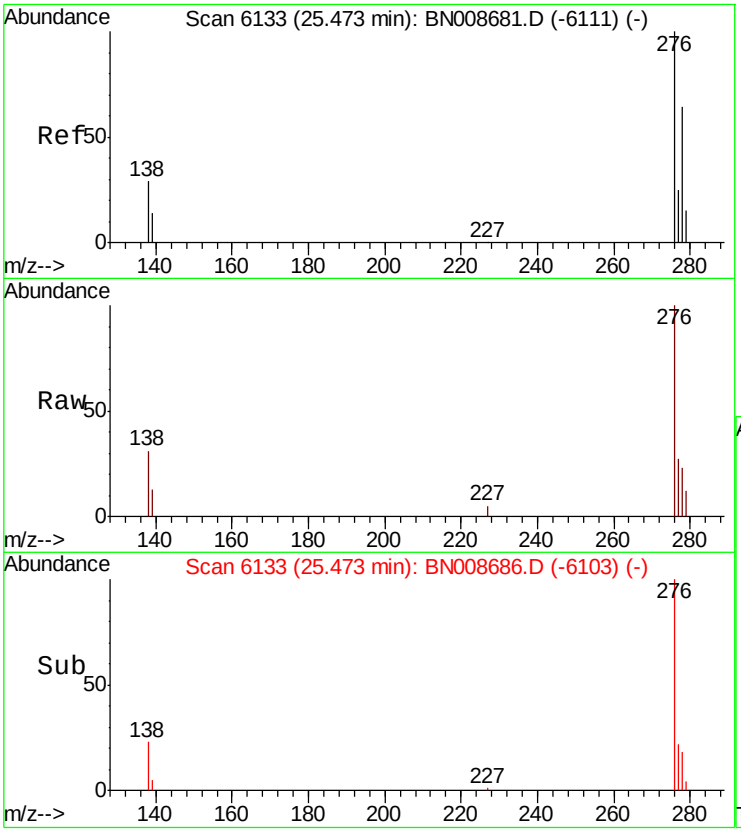


#23
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:252 Resp: 17926

Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.4	32.2
125	26.2	13.8	20.8#





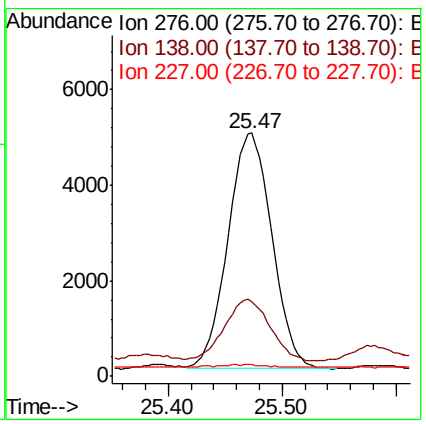
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

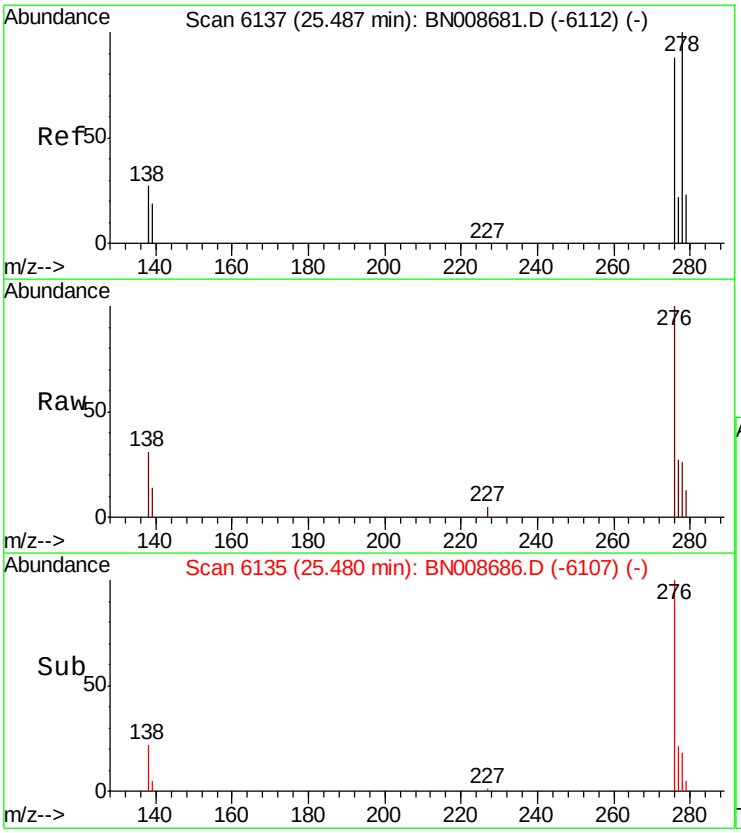
Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM

Tgt Ion:276 Resp: 13197

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.7	32.5
227	0.9	0.2	0.2#

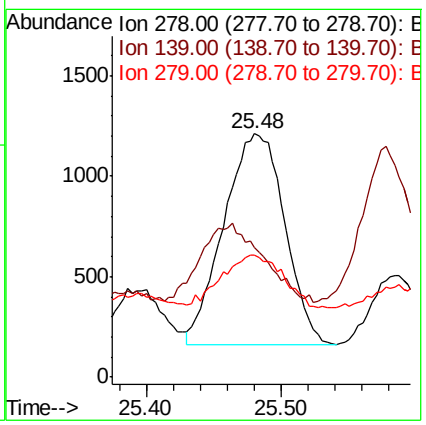


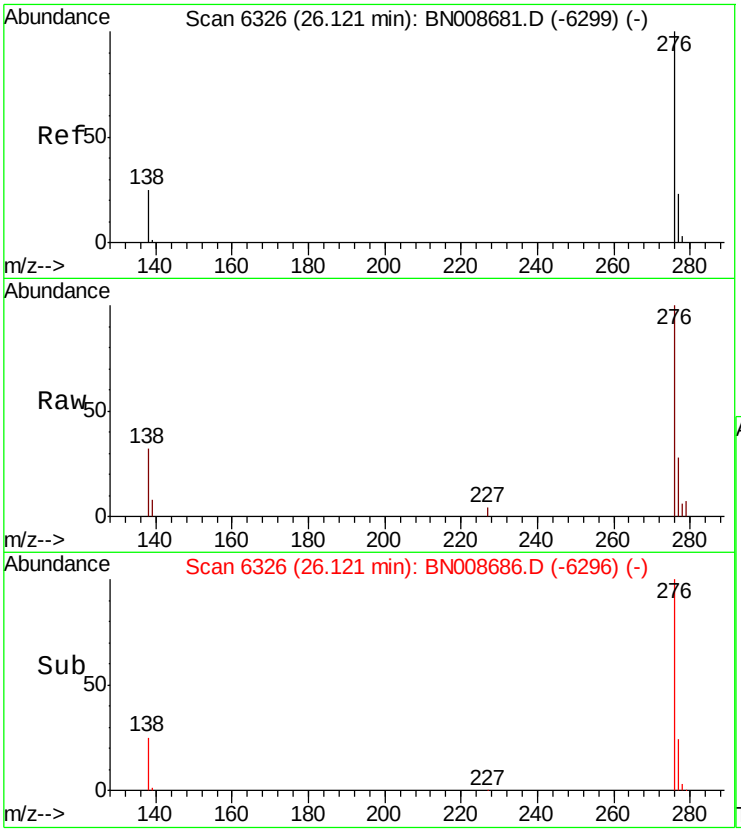


#25
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.01 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:278 Resp: 3312

Ion	Ratio	Lower	Upper
278	100		
139	53.3	18.7	28.1#
279	49.9	20.8	31.2#

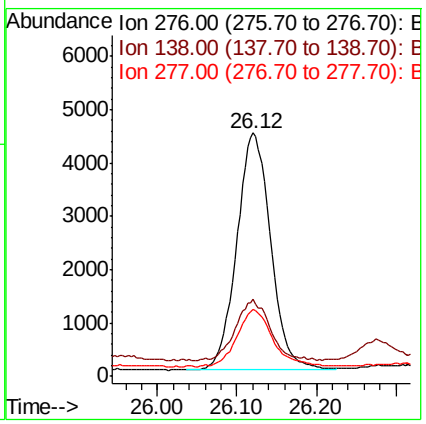




#26
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 26.12 min Scan# 6326
Delta R.T. -0.00 min
Lab File: BN008686.D
Acq: 21 Nov 2019 20:27

Tgt Ion:276 Resp: 13190

Ion	Ratio	Lower	Upper
276	100		
138	31.5	20.0	30.0#
277	27.6	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:40 PM