Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008873.D
Acq On : 06 Dec 2019 23:12
Operator : JU
Sample : K6007-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BM1

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

Quant Time: Dec 07 01:48:39 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 Dec 06 23:00:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6119	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	4348	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	9366m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	8658	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	9008	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2733	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	8364	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	7771	0.421	ng/ul	97
5) 2-Methylnaphthalene	11.99	142	8352	0.648	ng/ul	100
7) Acenaphthylene	13.91	152	18835	0.783	ng/ul	99
8) Acenaphthene	14.26	153	824	0.046	ng/ul#	93
9) Fluorene	15.25	166	1735	0.083	ng/ul#	83
12) Phenanthrene	16.98	178	51995	1.646	ng/ul	99
13) Anthracene	17.07	178	12831	0.430	ng/ul	97
15) Fluoranthene	19.00	202	163432	4.211	ng/ul	100
17) Pyrene	19.36	202	145712	4.195	ng/ul	99
18) Benzo(a)anthracene	21.12	228	104757	3.009	ng/ul	96
19) Chrysene	21.17	228	116911	3.419	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	169156m	4.554	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	49033m	1.331	ng/ul	
23) Benzo(a)pyrene	23.19	252	91850m	2.634	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.40	276	63171	1.549	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.40	278	17282	0.525	ng/ul	93
26) Benzo(g,h,i)perylene	26.04	276	53749	1.576	ng/ul	98

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

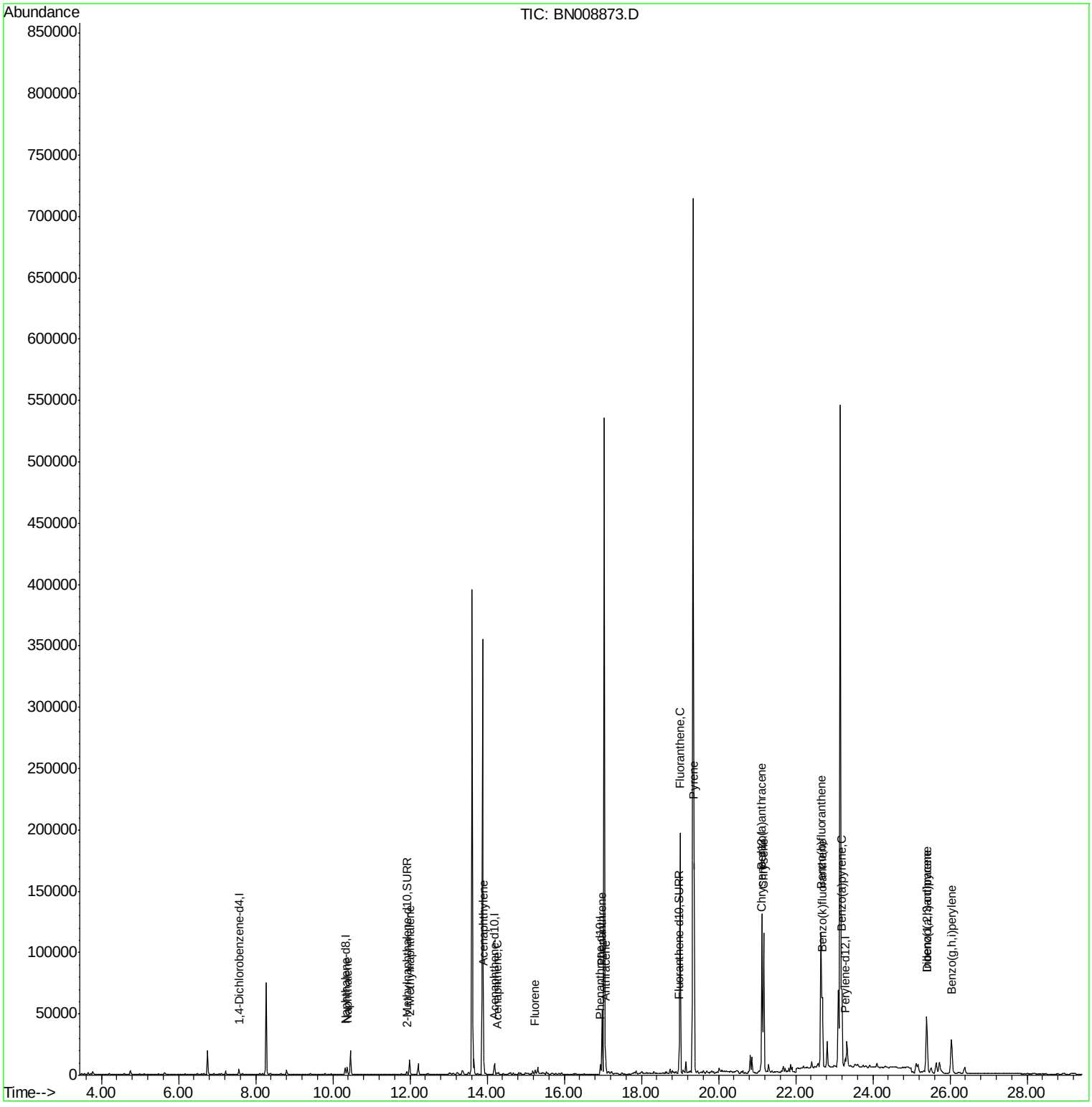
Quantitation Report (QT Reviewed)

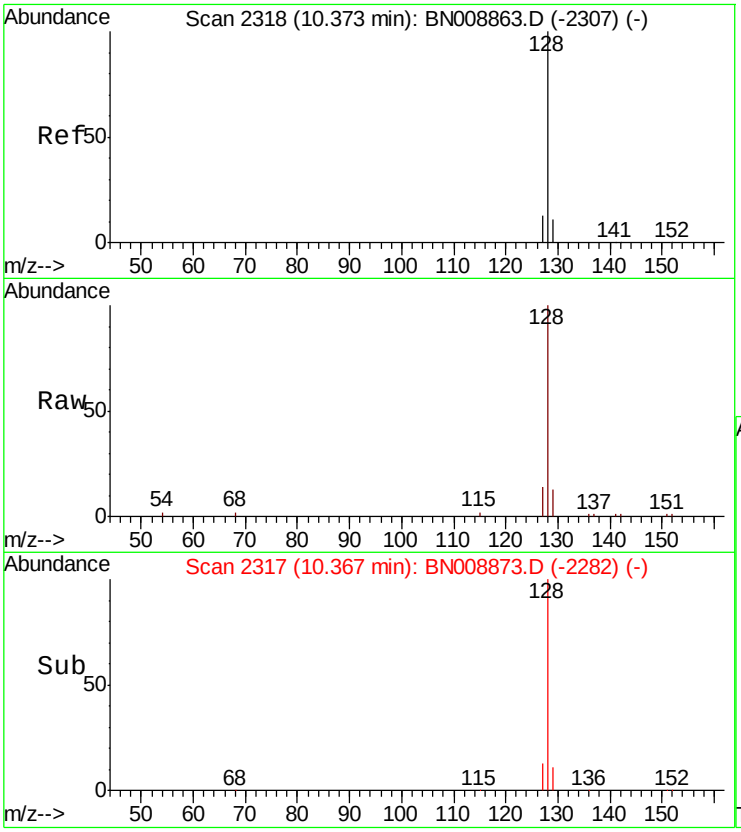
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008873.D
Acq On : 06 Dec 2019 23:12
Operator : JU
Sample : K6007-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 07 01:48:39 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 Dec 06 23:00:12 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BM1

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

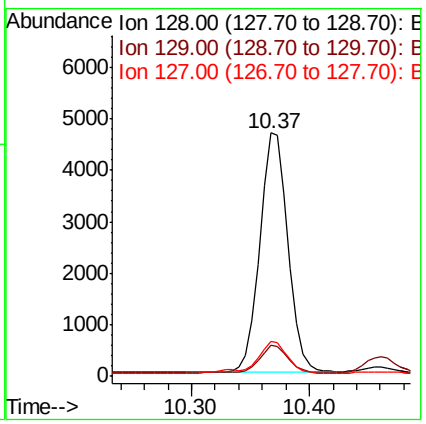




#3
Naphthalene
Concen: 0.421 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

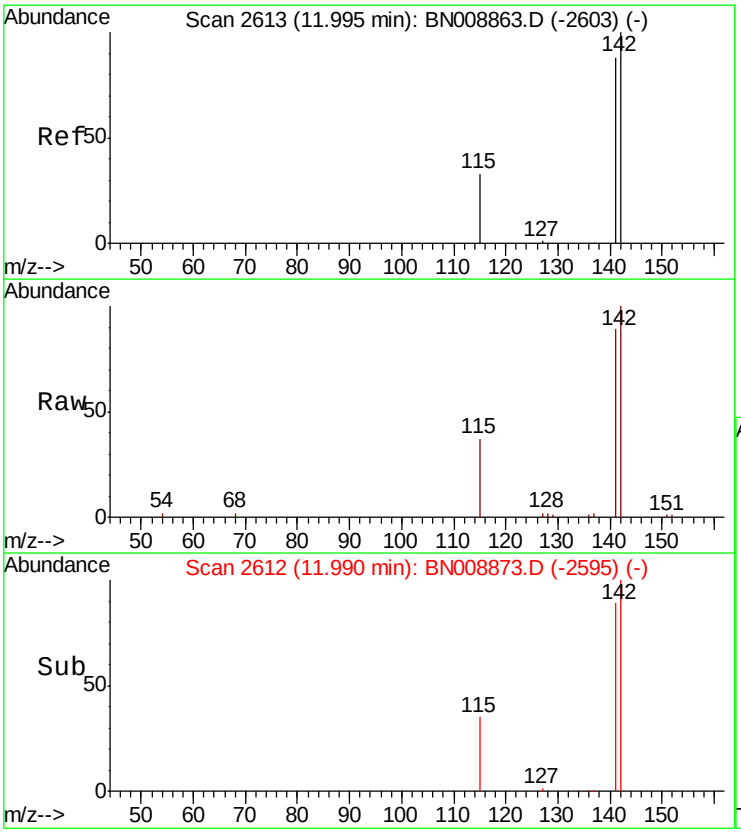
Tgt Ion:128 Resp: 7771

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	14.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BM1

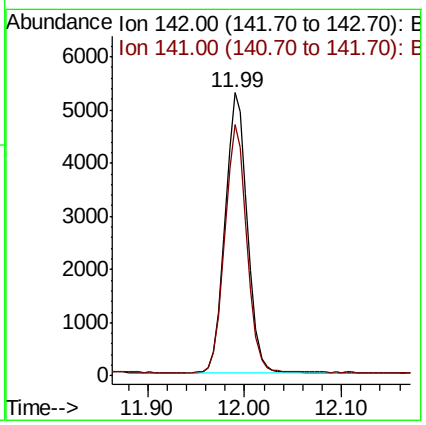
Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

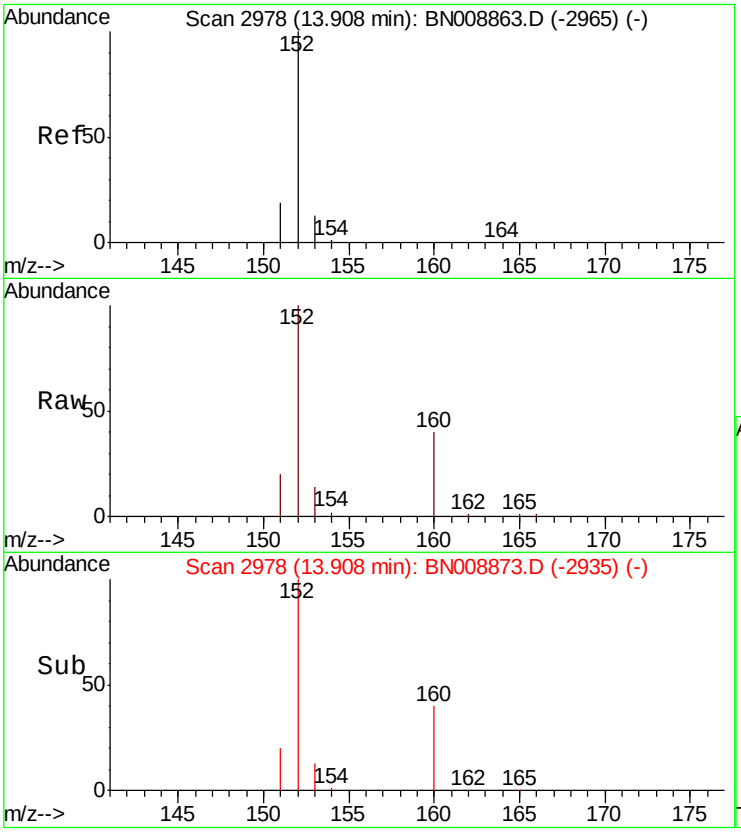


#5
2-Methylnaphthalene
Concen: 0.648 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:142 Resp: 8352

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.1	105.1

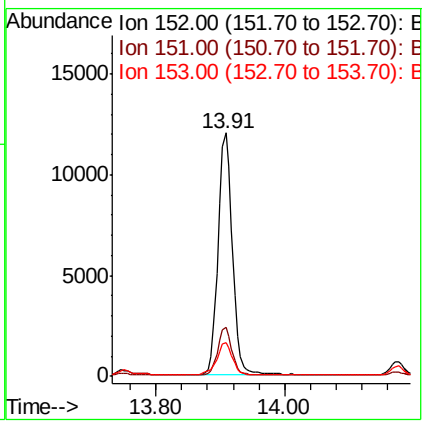




#7
Acenaphthylene
Concen: 0.783 ng/ul
RT: 13.91 min Scan# 2978
Delta R.T. 0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

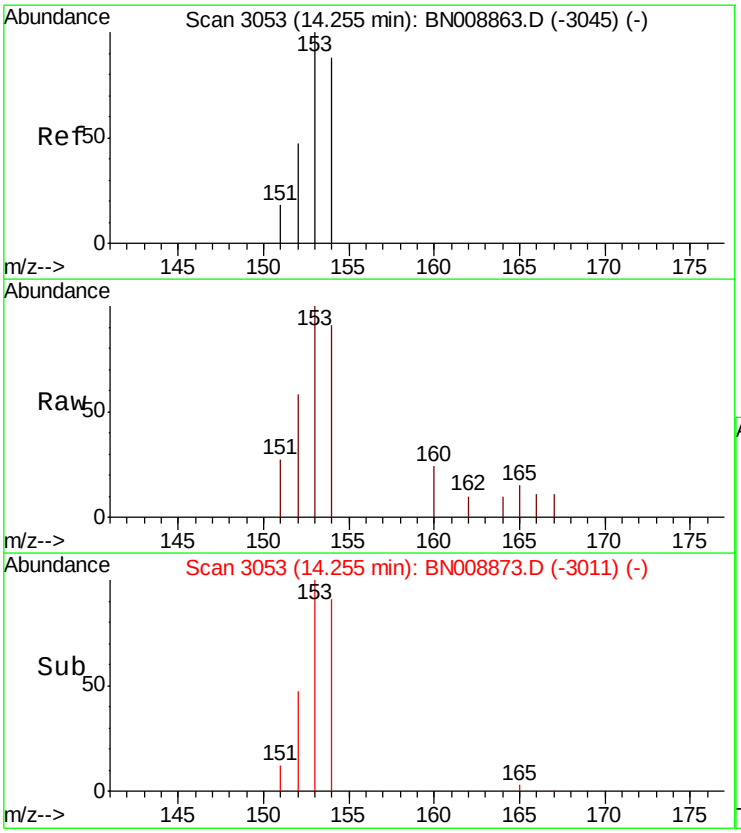
Tgt Ion:152 Resp: 18835

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.8	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BM1

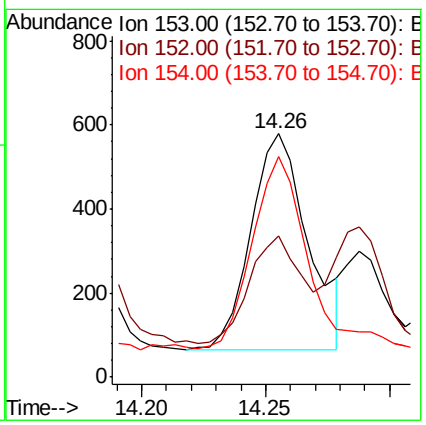
Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

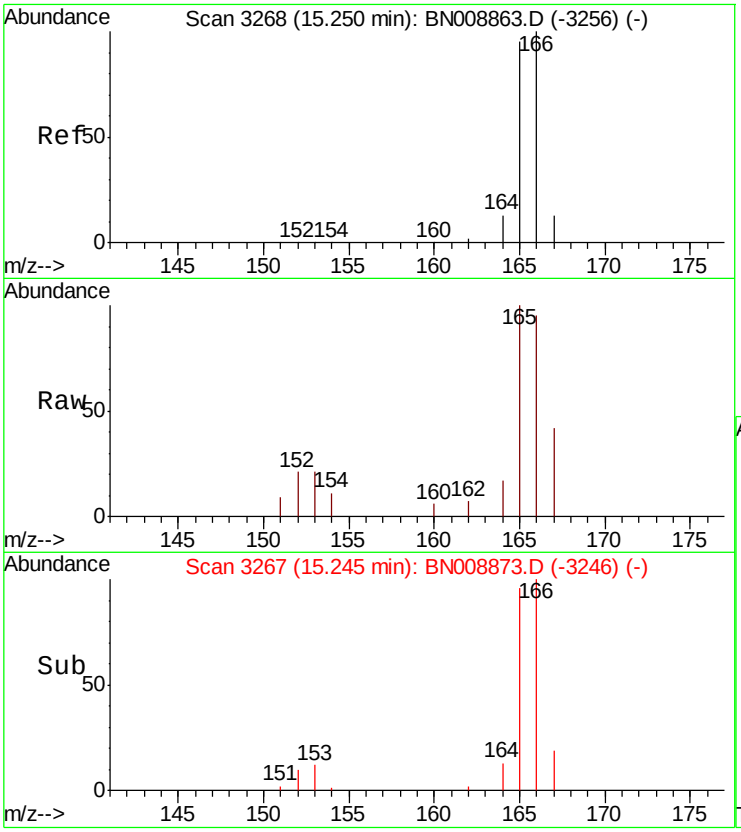


#8
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.26 min Scan# 3053
Delta R.T. -0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:153 Resp: 824

Ion	Ratio	Lower	Upper
153	100		
152	58.2	38.6	58.0#
154	90.7	70.6	105.8

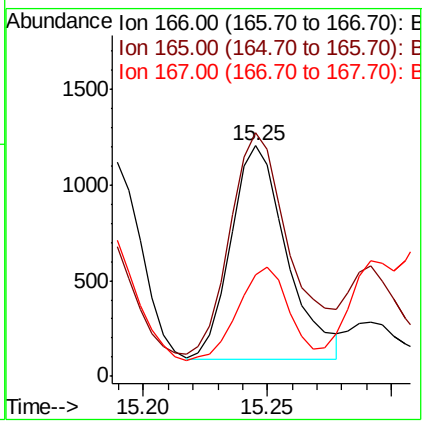




#9
Fluorene
Concen: 0.083 ng/ul
RT: 15.25 min Scan# 3267
Delta R.T. -0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

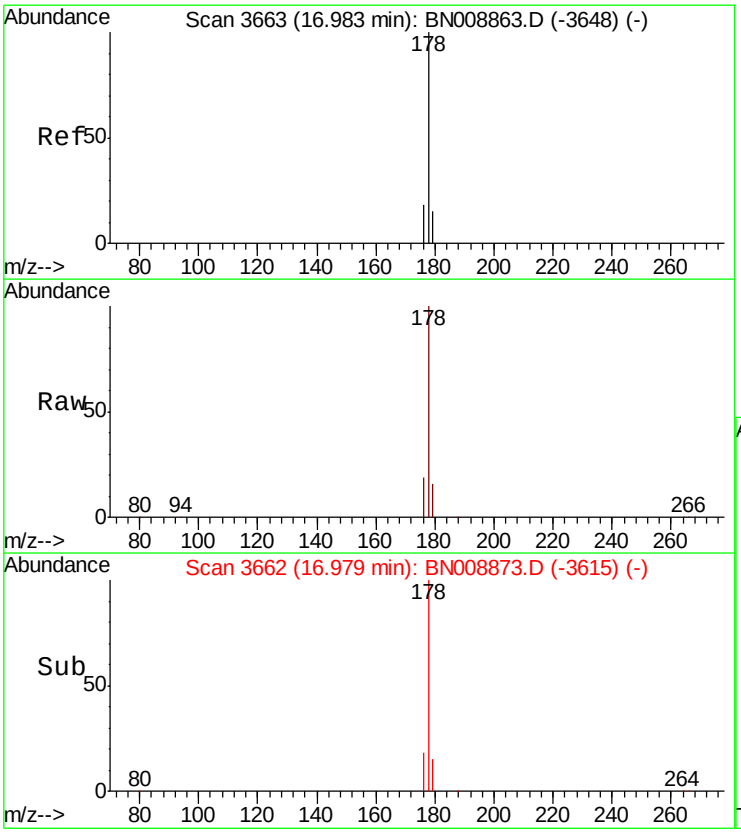
Tgt Ion:166 Resp: 1735

Ion	Ratio	Lower	Upper
166	100		
165	105.6	77.7	116.5
167	44.1	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0BM1

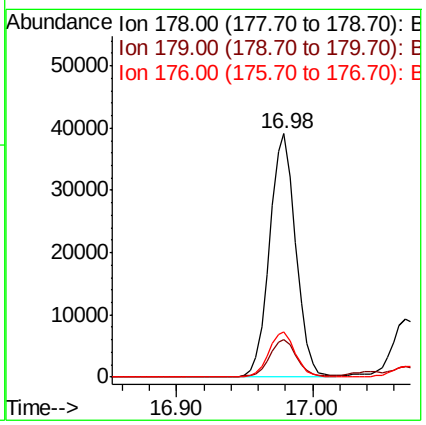
Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

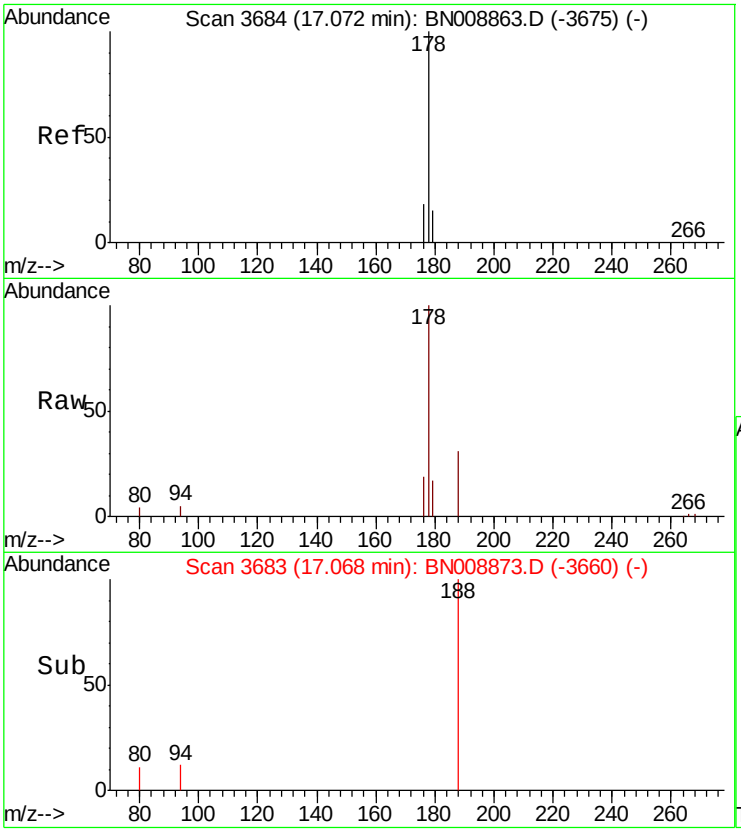


#12
Phenanthrene
Concen: 1.646 ng/ul
RT: 16.98 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:178 Resp: 51995

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.6	15.3	22.9

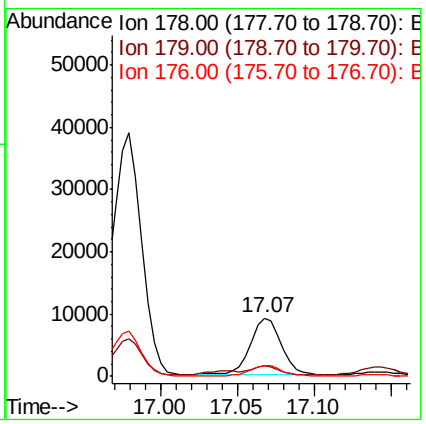




#13
Anthracene
Concen: 0.430 ng/ul
RT: 17.07 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

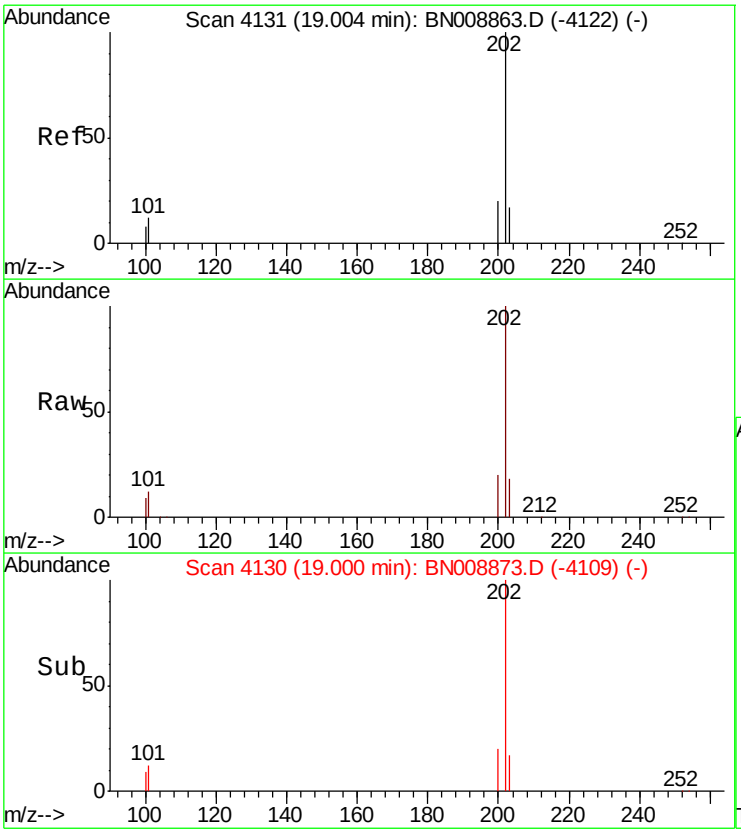
Tgt Ion:178 Resp: 12831

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.2	18.4
176	19.0	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0BM1

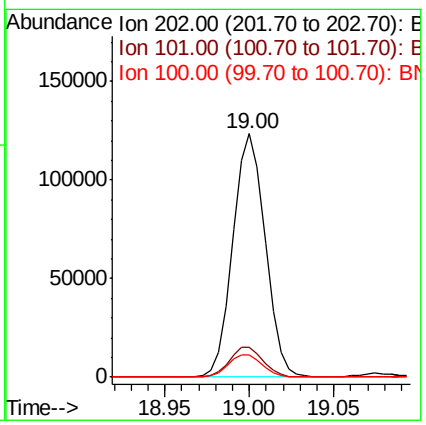
Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

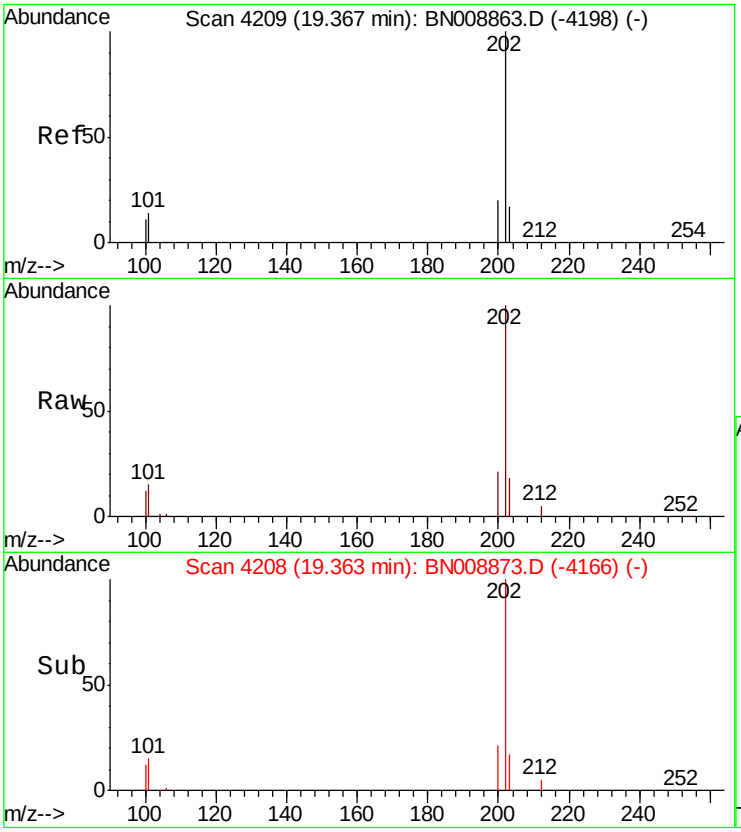


#15
Fluoranthene
Concen: 4.211 ng/ul
RT: 19.00 min Scan# 4130
Delta R.T. -0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:202 Resp: 163432

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
100	9.2	0.0	29.2





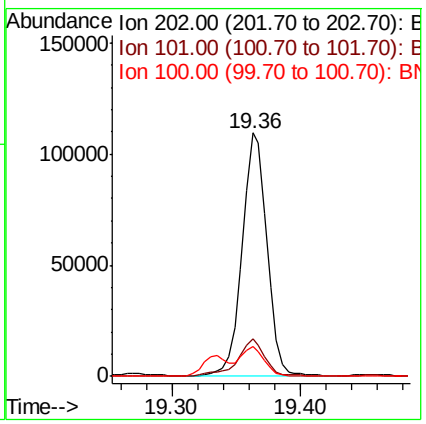
#17
Pyrene
Concen: 4.195 ng/ul
RT: 19.36 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

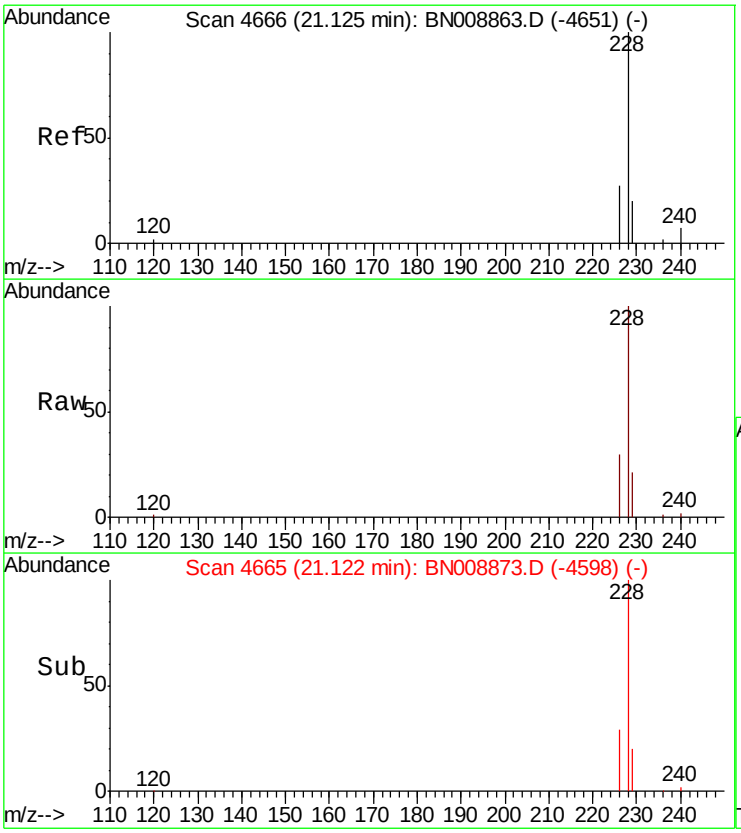
Tgt Ion:202 Resp: 145712

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.3	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0BM1

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

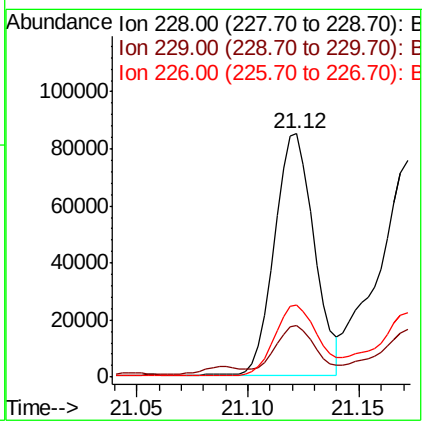


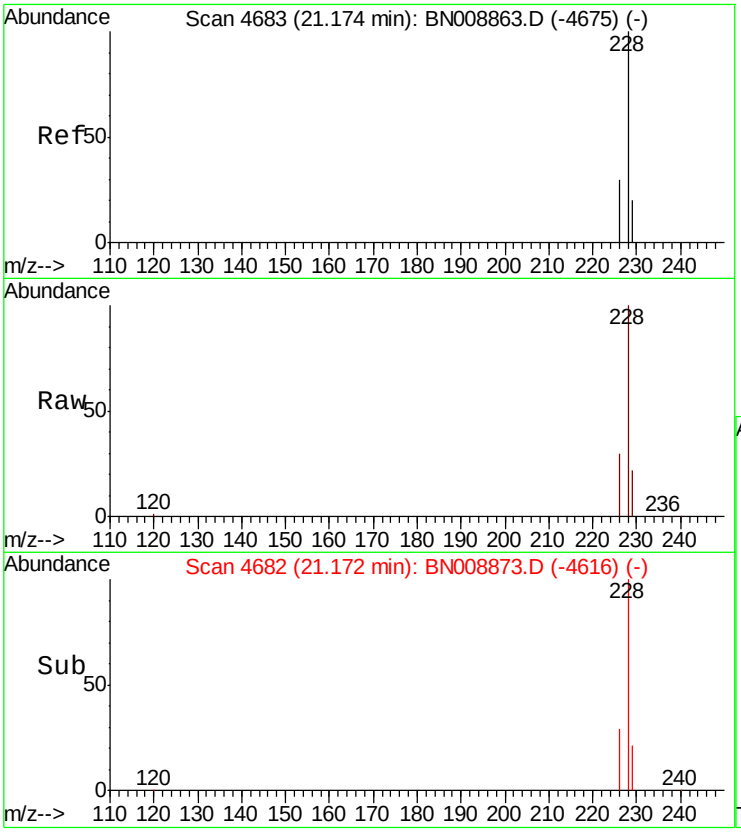


#18
Benzo(a)anthracene
Concen: 3.009 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:228 Resp: 104757

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	29.5	21.5	32.3

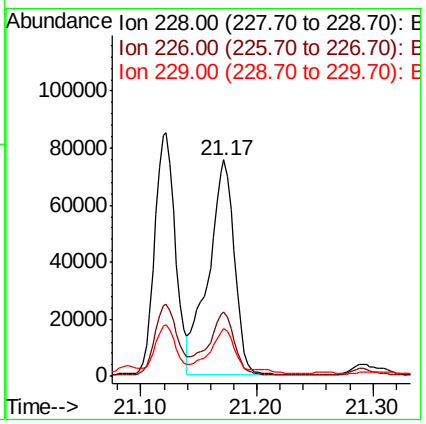




#19
Chrysene
Concen: 3.419 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

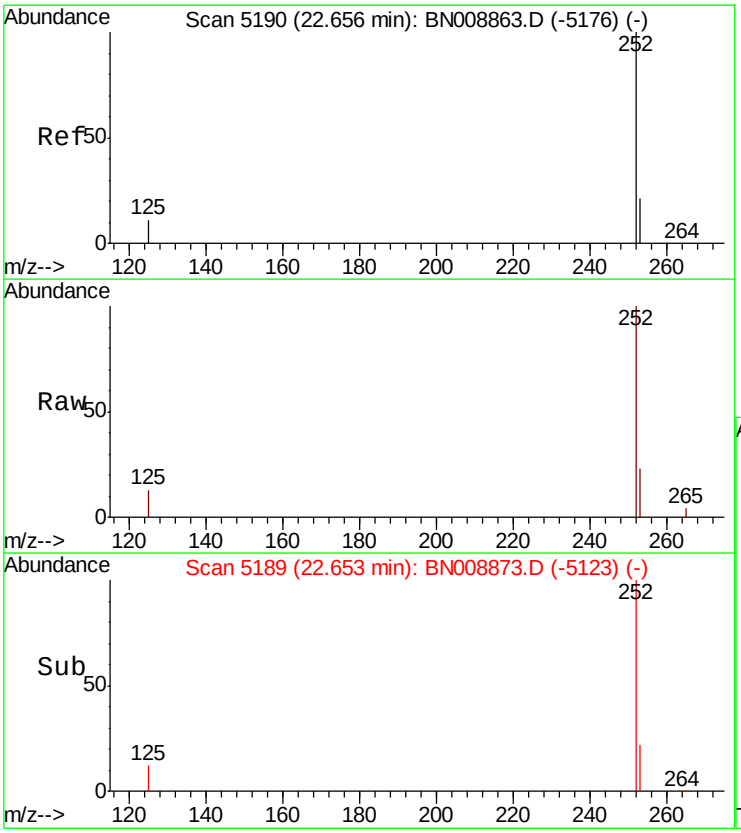
Tgt Ion:228 Resp: 116911

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.0	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0BM1

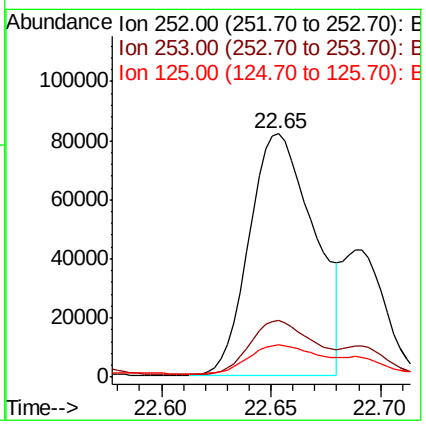
Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

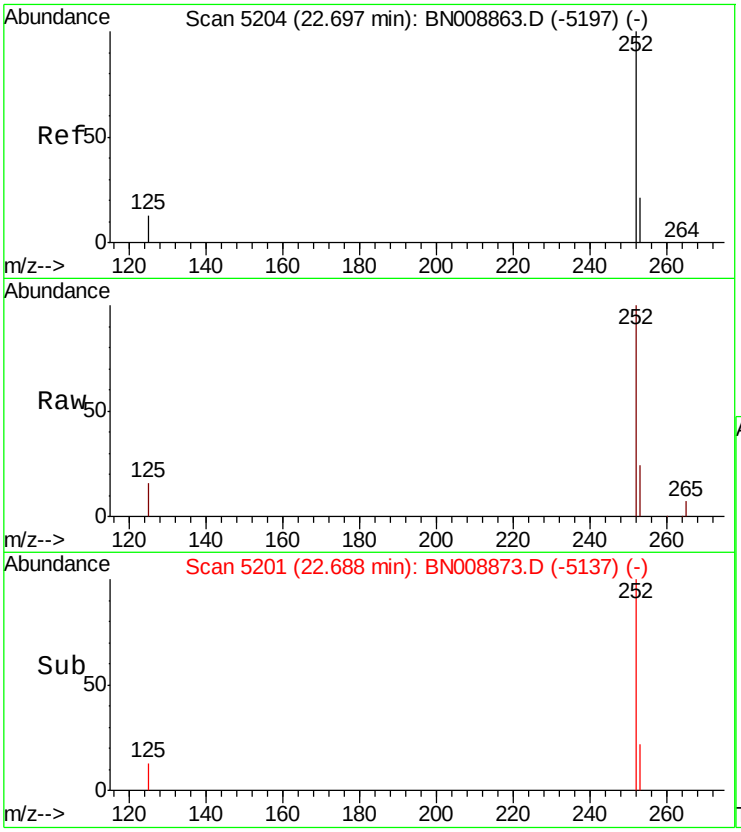


#21
Benzo(b)fluoranthene
Concen: 4.554 ng/ul m
RT: 22.65 min Scan# 5189
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:252 Resp: 169156

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.6
125	13.3	0.0	31.6





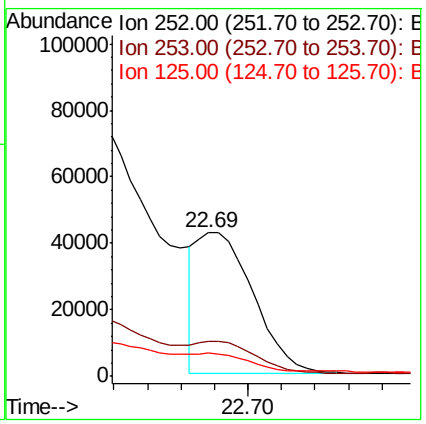
#22
Benzo(k)fluoranthene
Concen: 1.331 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

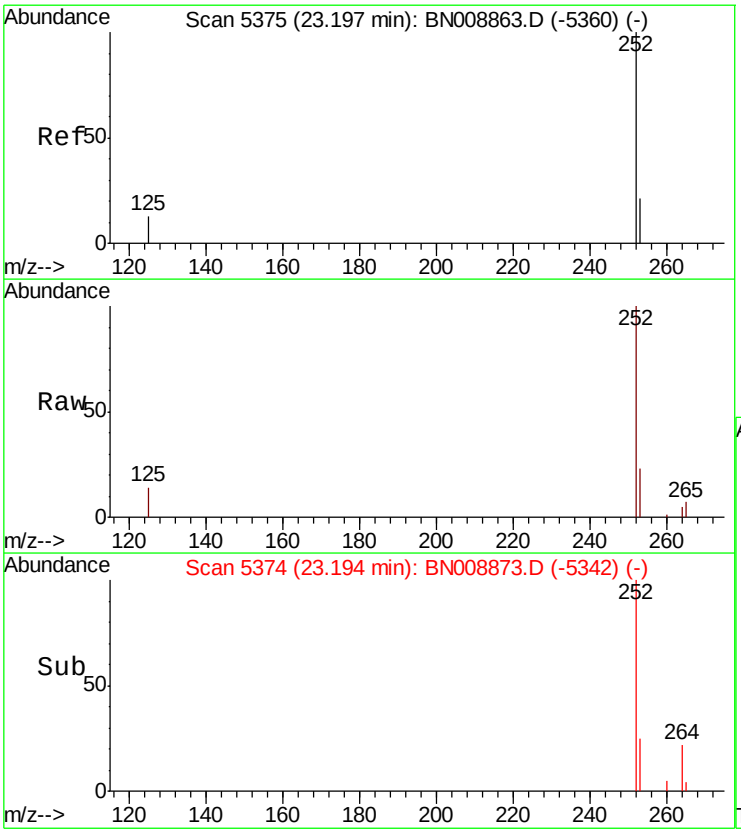
Tgt Ion:252 Resp: 49033

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	16.0	13.8	20.6

Instrument :
BNA_N
ClientSampleId :
C0BM1

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

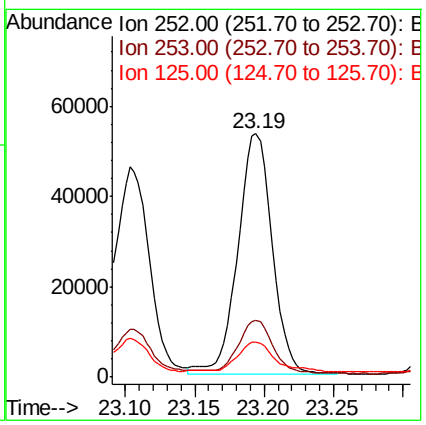


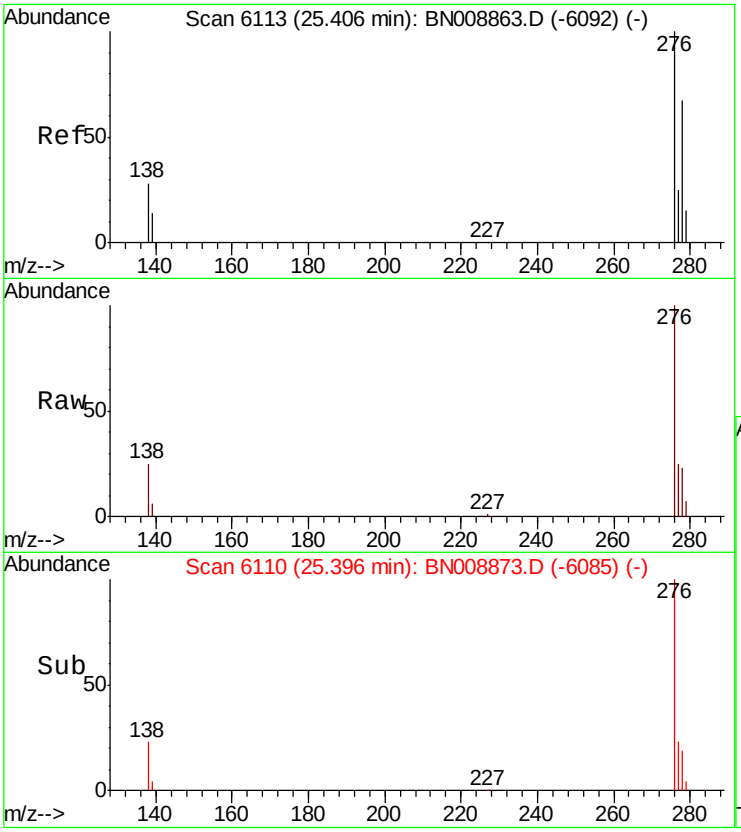


#23
Benzo(a)pyrene
Concen: 2.634 ng/ul m
RT: 23.19 min Scan# 5374
Delta R.T. -0.01 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:252 Resp: 91850

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.9	29.9
125	14.4	14.6	22.0#





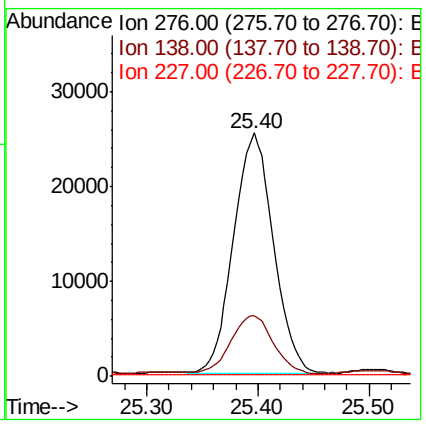
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.549 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.02 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

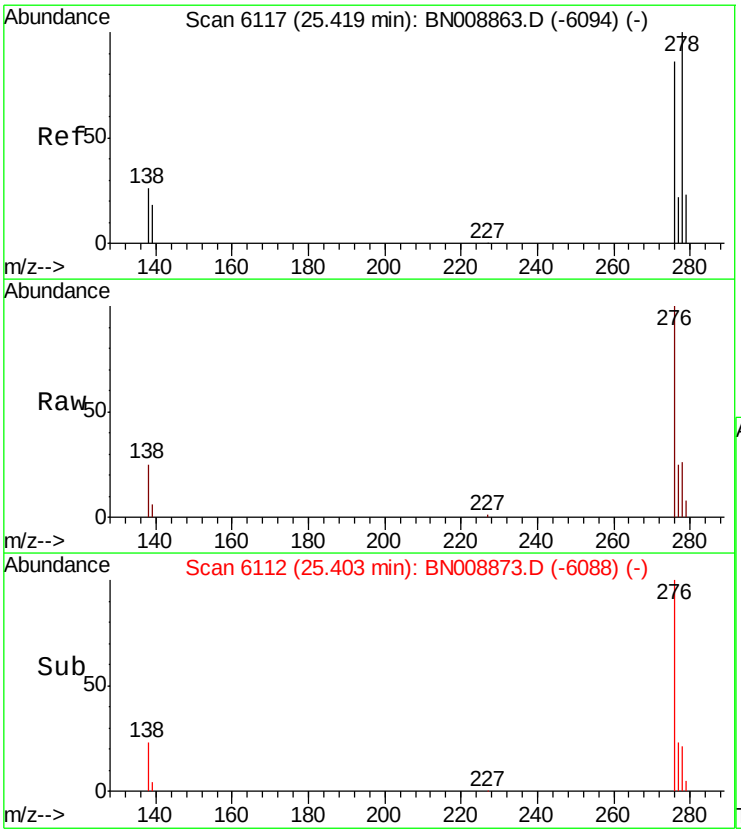
Tgt Ion:276 Resp: 63171

Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.8	35.6
227	0.4	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0BM1

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM

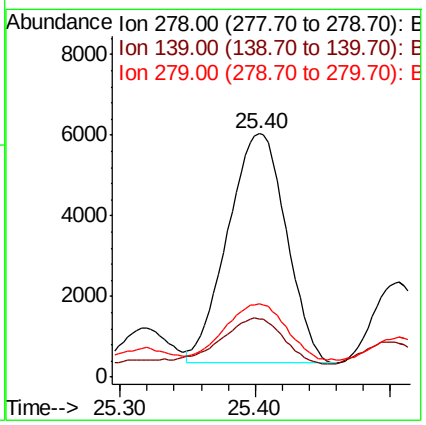


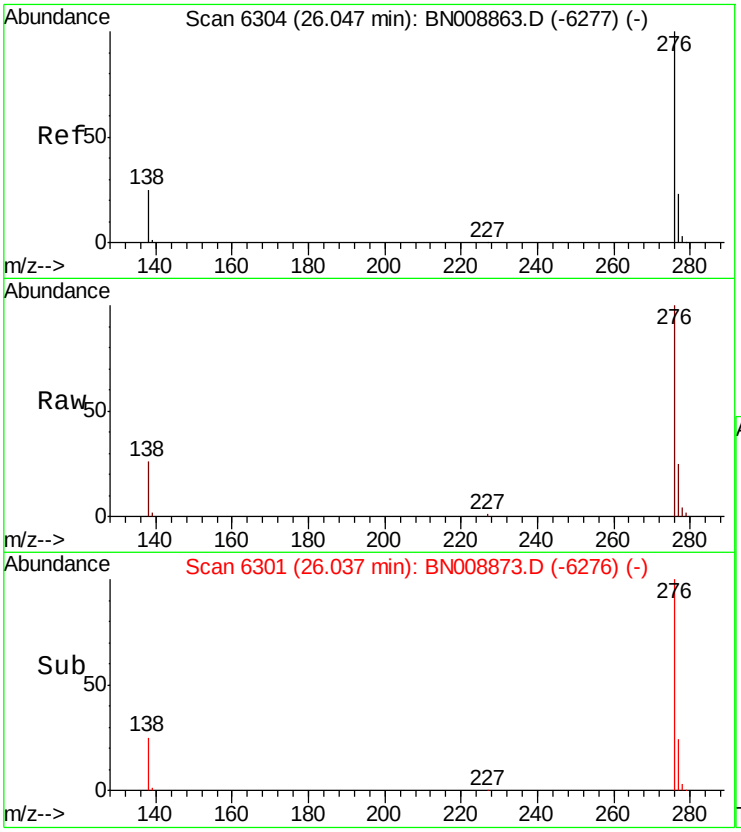


#25
Dibenzo(a,h)anthracene
Concen: 0.525 ng/ul
RT: 25.40 min Scan# 6112
Delta R.T. -0.02 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:278 Resp: 17282

Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.4	26.0
279	30.2	20.5	30.7

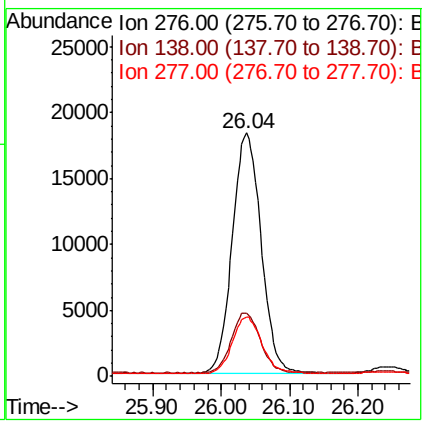




#26
Benzo(g,h,i)perylene
Concen: 1.576 ng/ul
RT: 26.04 min Scan# 6301
Delta R.T. -0.02 min
Lab File: BN008873.D
Acq: 06 Dec 2019 23:12

Tgt Ion:276 Resp: 53749

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.9	32.9
277	24.5	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BM1

Manual Integrations APPROVED
mohammad
12/9/2019 3:08:02 PM