Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008358.D
Acq On : 23 Oct 2019 20:20
Operator : JU
Sample : K5223-19DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 24 02:00:27 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPA7DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1864	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9082	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5825	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12662	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11129	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	9028	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1686	0.11	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	5107	0.12	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.39	128	539	0.021	ng/ul#	68
7) Acenaphthylene	13.93	152	1735	0.063	ng/ul#	91
8) Acenaphthene	14.27	153	573	0.027	ng/ul	95
9) Fluorene	15.27	166	759	0.031	ng/ul#	91
12) Phenanthrene	17.00	178	18199	0.491	ng/ul	99
13) Anthracene	17.09	178	3280	0.101	ng/ul	94
15) Fluoranthene	19.03	202	39066	0.798	ng/ul	96
17) Pyrene	19.39	202	44428	1.003	ng/ul	100
18) Benzo(a)anthracene	21.15	228	23751	0.587	ng/ul	97
19) Chrysene	21.21	228	26409	0.532	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	23791m	0.810	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	7720m	0.232	ng/ul	
23) Benzo(a)pyrene	23.24	252	17014	0.550	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.49	276	9258	0.254	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.49	278	2343	0.081	ng/ul#	75
26) Benzo(g,h,i)perylene	26.14	276	7308	0.219	ng/ul#	94

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

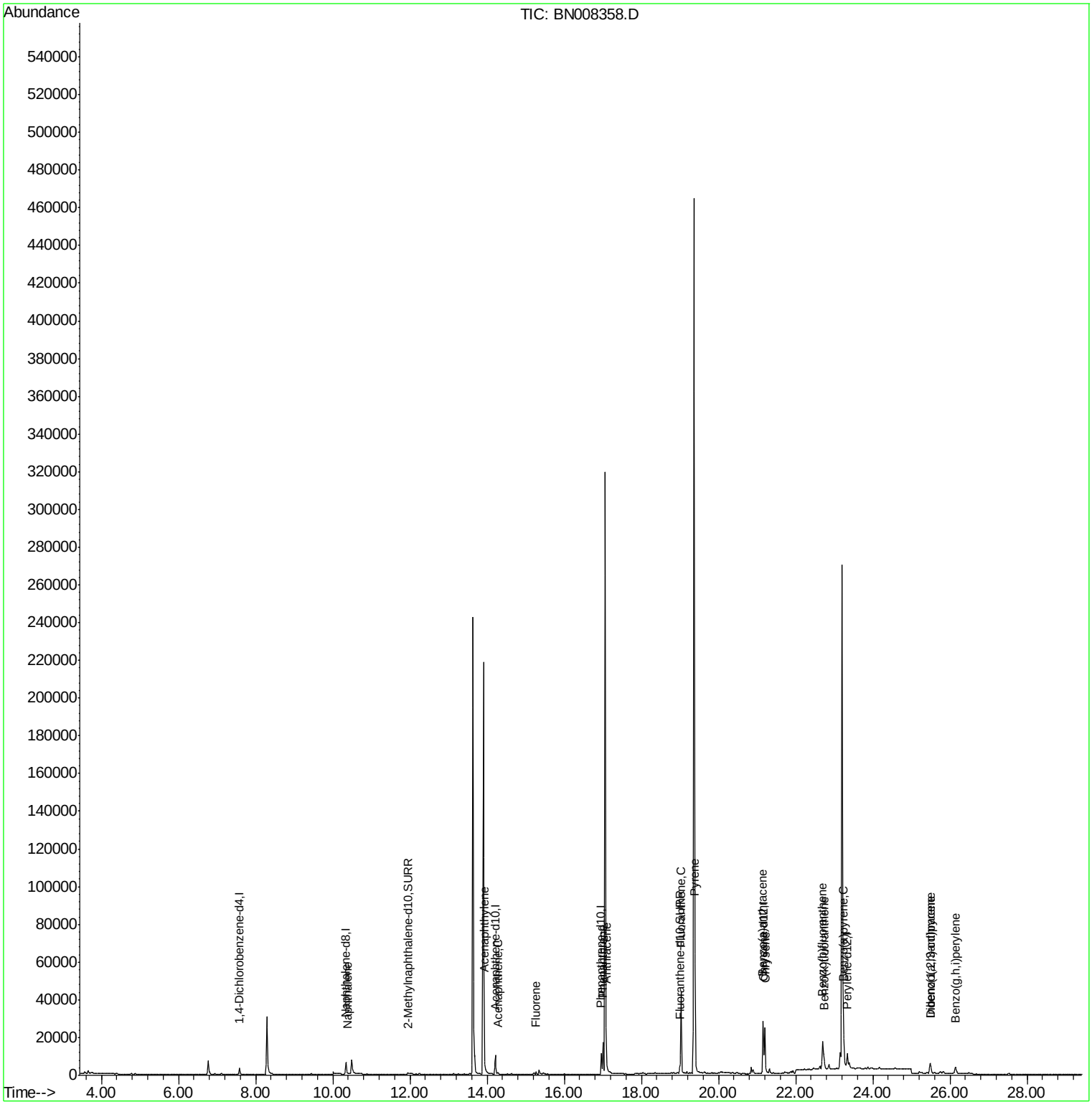
Quantitation Report (QT Reviewed)

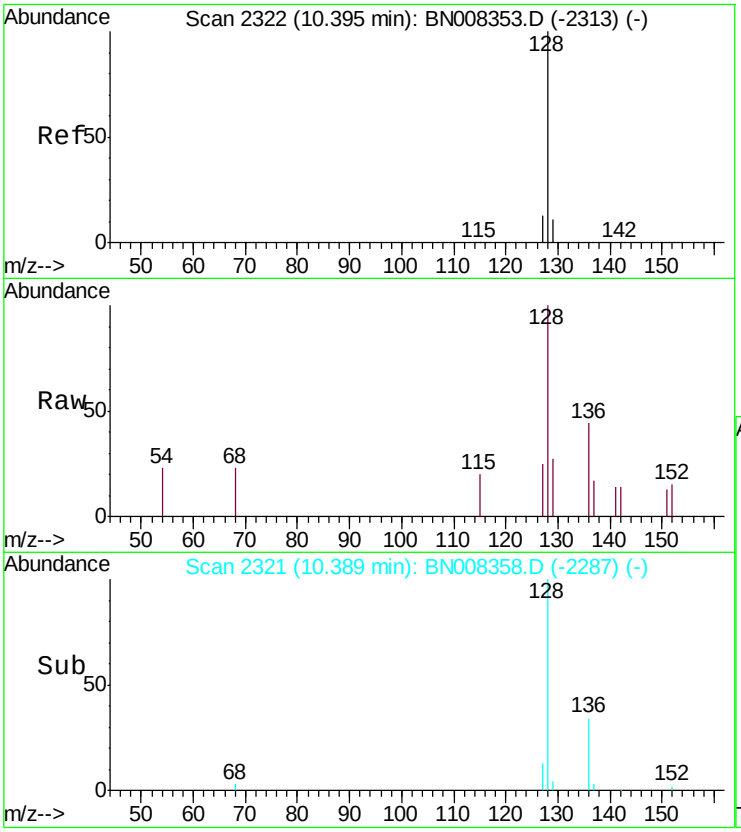
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008358.D
Acq On : 23 Oct 2019 20:20
Operator : JU
Sample : K5223-19DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 24 02:00:27 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA7DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

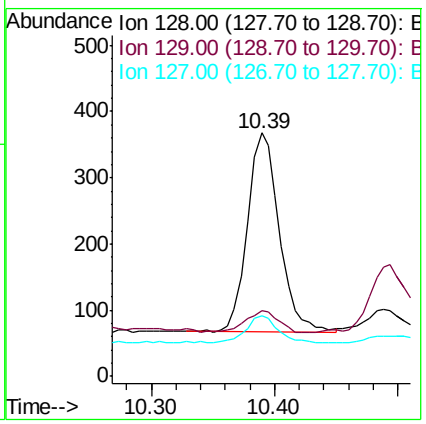




#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

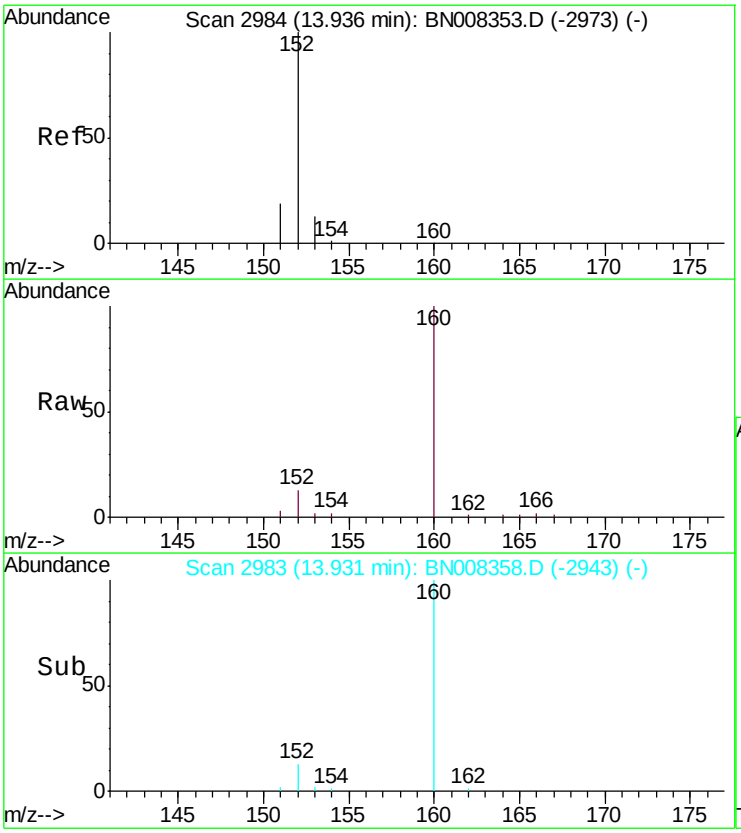
Tgt Ion:128 Resp: 539

Ion	Ratio	Lower	Upper
128	100		
129	27.2	9.8	14.8#
127	25.0	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
BEPA7DL

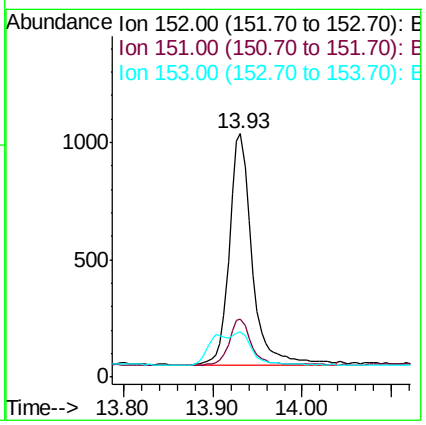
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

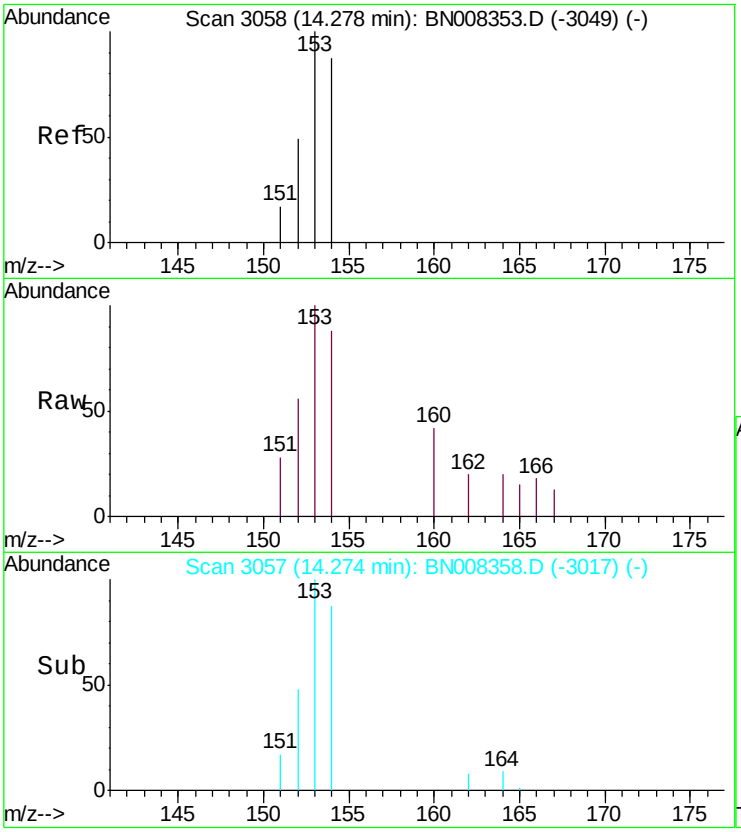


#7
Acenaphthylene
Concen: 0.063 ng/ul
RT: 13.93 min Scan# 2983
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:152 Resp: 1735

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.2	24.4
153	18.4	11.0	16.4#





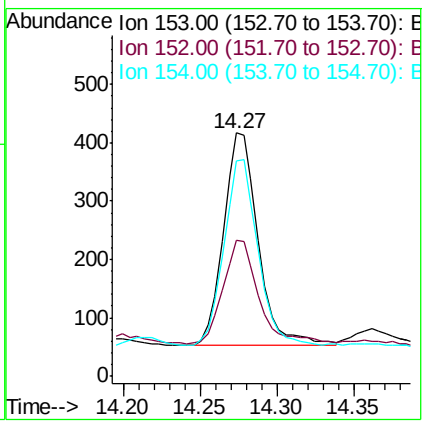
#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

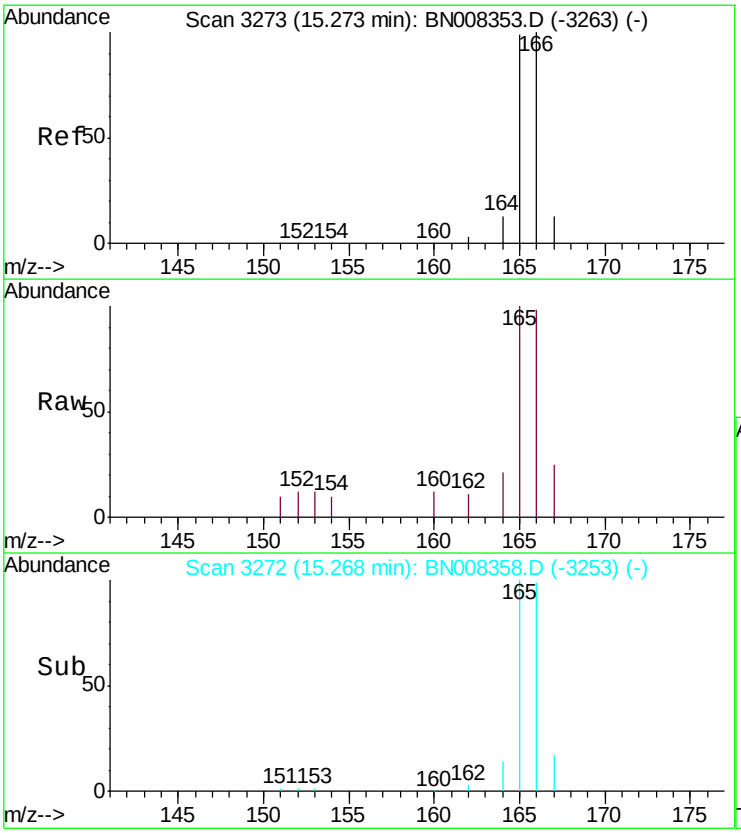
Tgt Ion:153 Resp: 573

Ion	Ratio	Lower	Upper
153	100		
152	55.9	38.2	57.2
154	88.5	71.8	107.8

Instrument :
BNA_N
ClientSampleId :
BEPA7DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

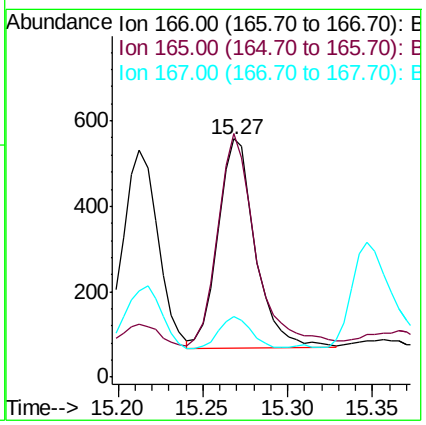


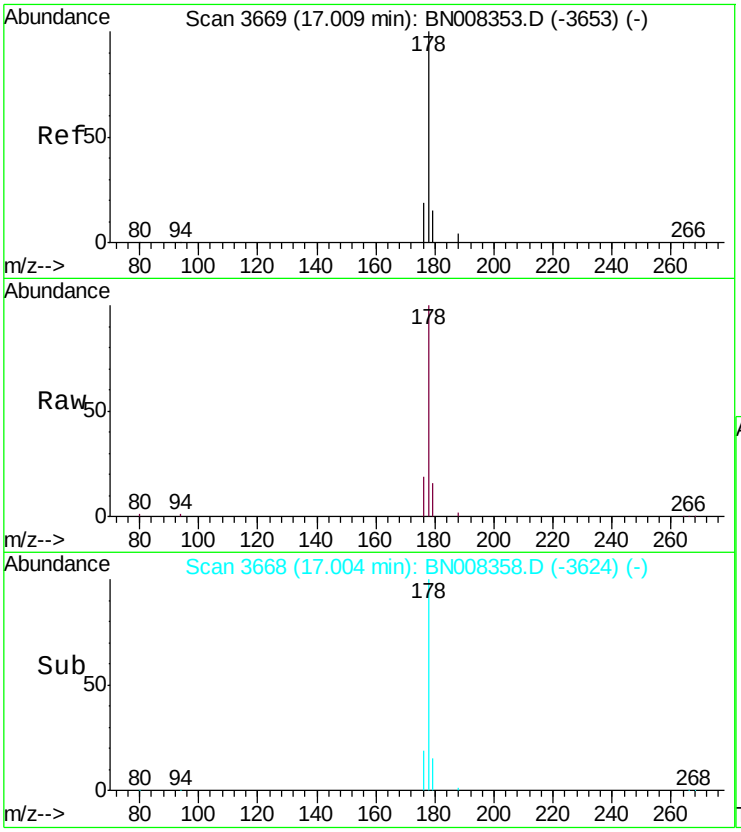


#9
Fluorene
Concen: 0.031 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:166 Resp: 759

Ion	Ratio	Lower	Upper
166	100		
165	102.2	76.6	115.0
167	25.4	11.7	17.5#

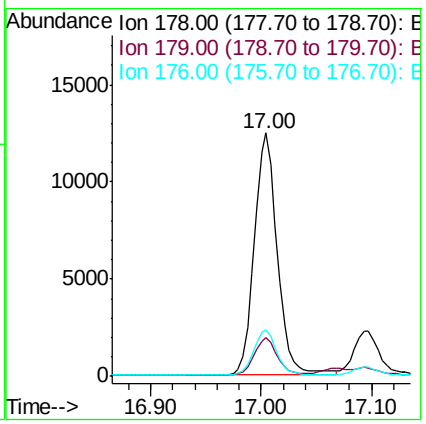




#12
Phenanthrene
Concen: 0.491 ng/ul
RT: 17.00 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

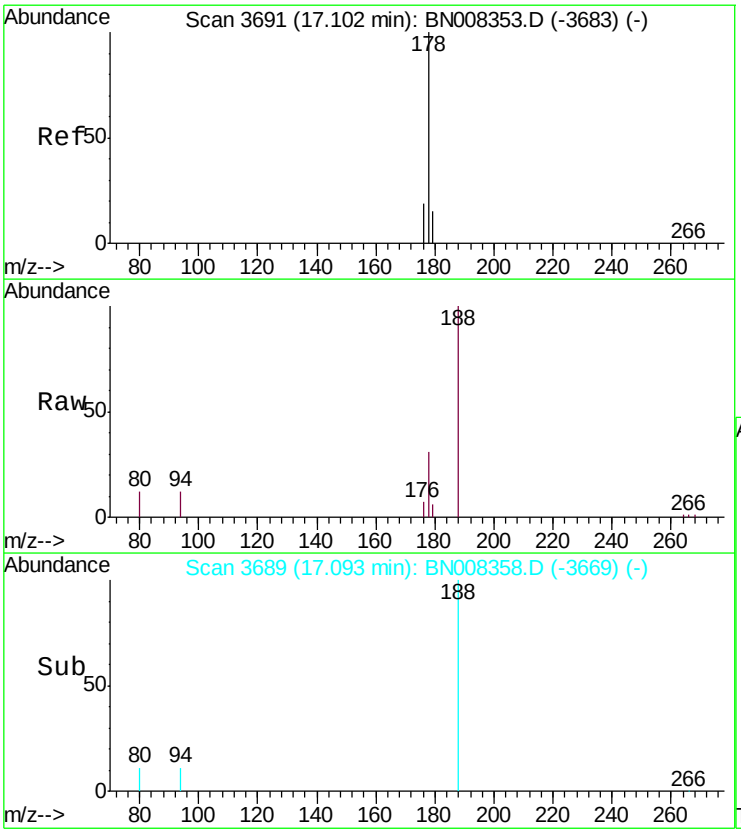
Tgt Ion:178 Resp: 18199

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	18.9	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
BEPA7DL

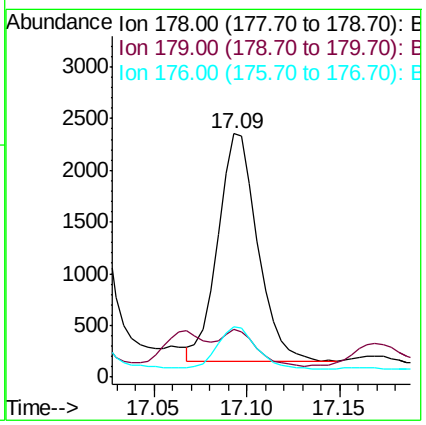
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

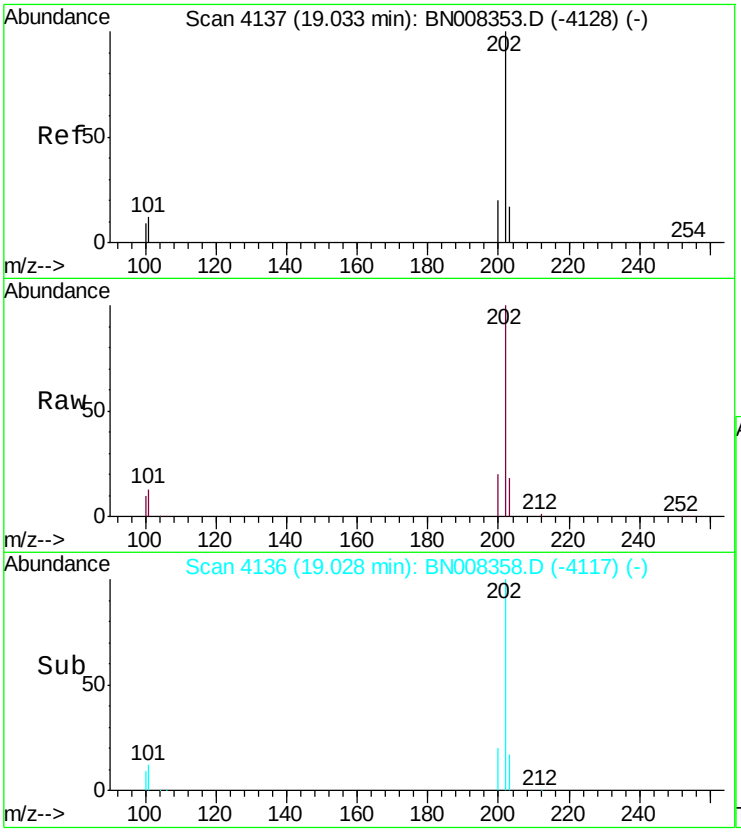


#13
Anthracene
Concen: 0.101 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:178 Resp: 3280

Ion	Ratio	Lower	Upper
178	100		
179	19.4	13.0	19.6
176	20.9	15.0	22.6

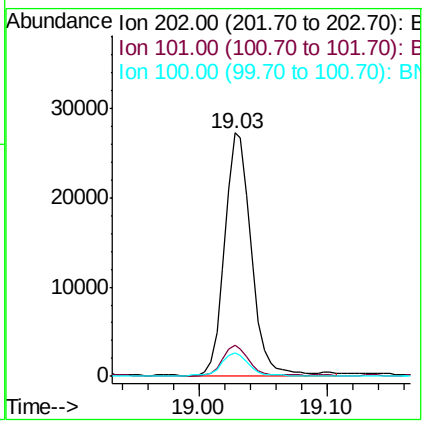




#15
Fluoranthene
Concen: 0.798 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

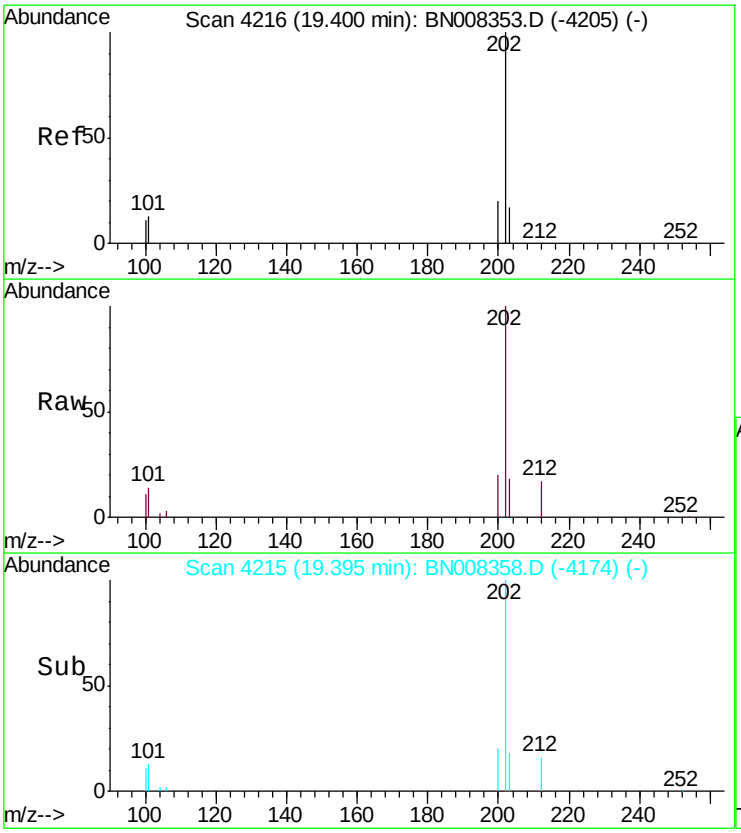
Tgt Ion:202 Resp: 39066

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.2
100	9.7	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
BEPA7DL

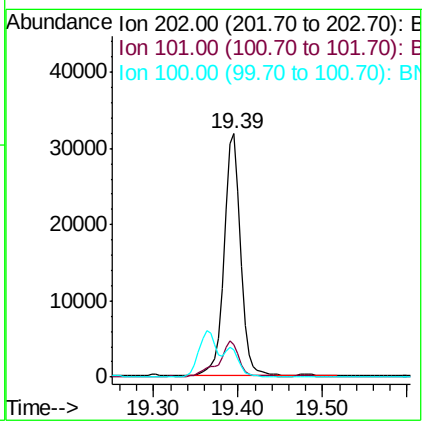
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

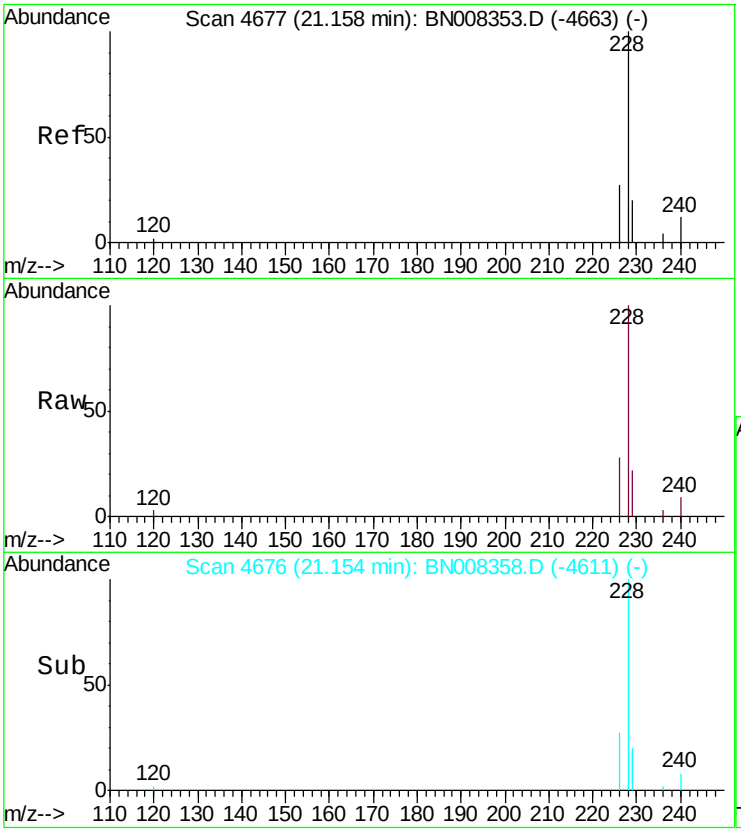


#17
Pyrene
Concen: 1.003 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:202 Resp: 44428

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	11.1	8.7	13.1





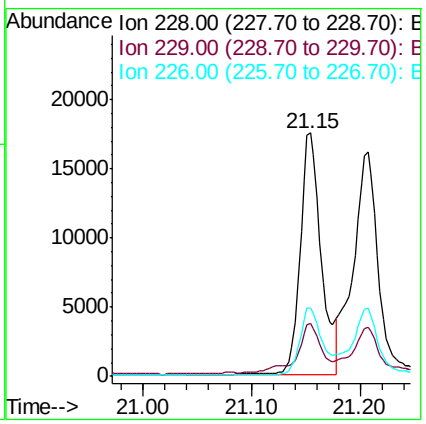
#18
Benzo(a)anthracene
Concen: 0.587 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

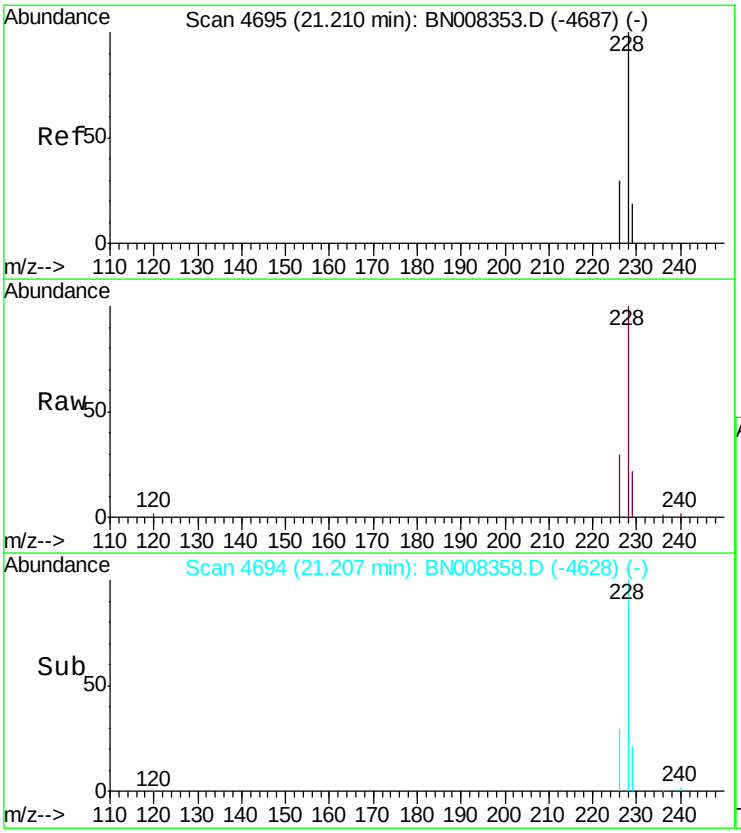
Tgt Ion:228 Resp: 23751

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	28.1	21.4	32.0

Instrument :
BNA_N
ClientSampleId :
BEPA7DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

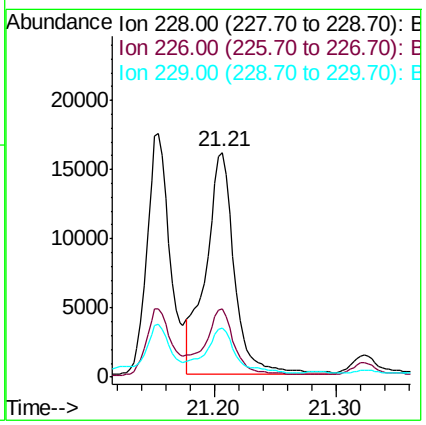


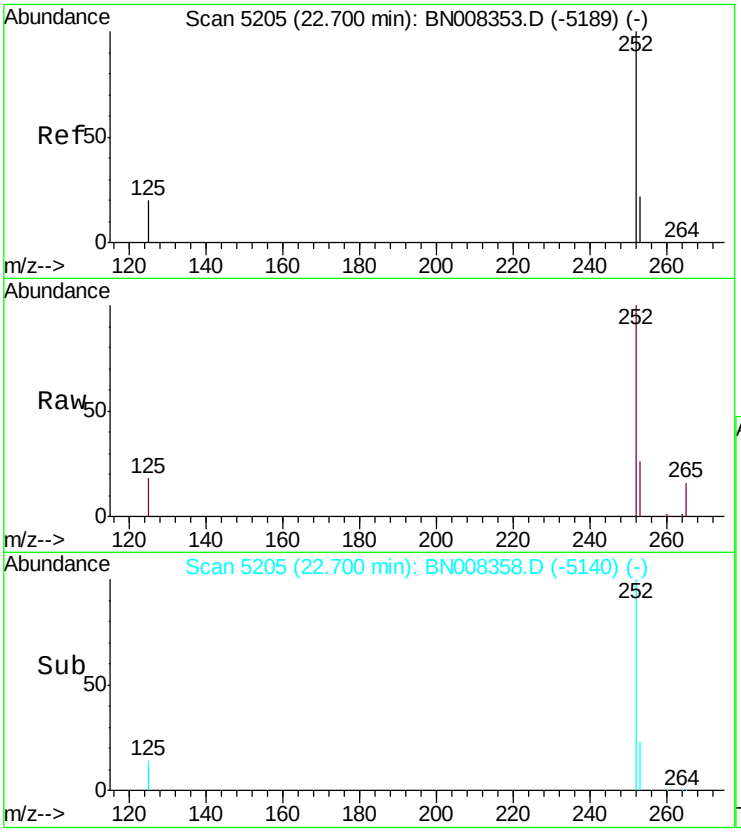


#19
Chrysene
Concen: 0.532 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:228 Resp: 26409

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.0	16.2	24.2

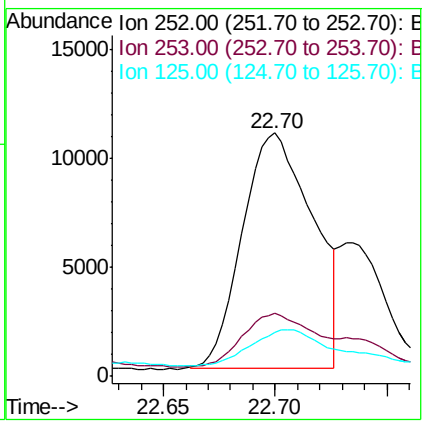




#21
Benzo(b)fluoranthene
Concen: 0.810 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. -0.01 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

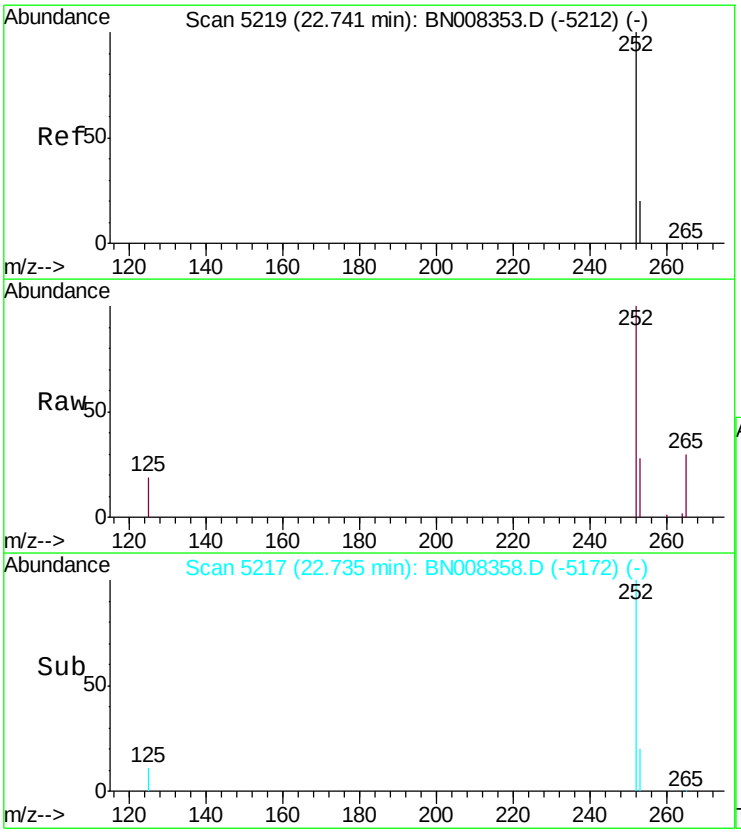
Tgt Ion:252 Resp: 23791

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	53.4
125	18.3	0.0	32.4



Instrument :
BNA_N
ClientSampleId :
BEPA7DL

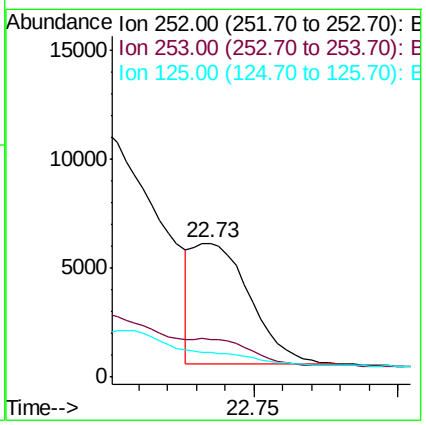
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

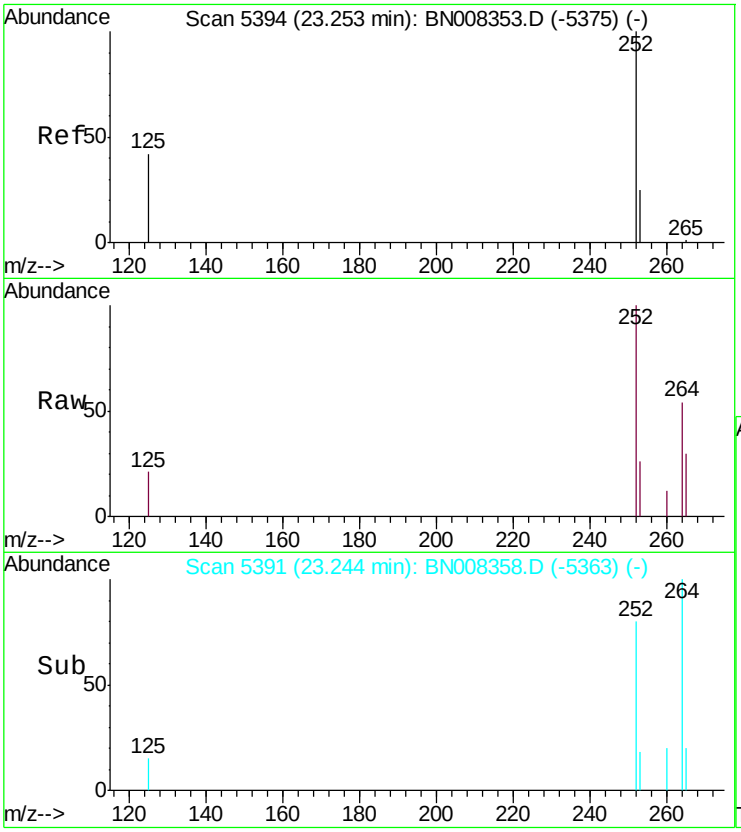


#22
Benzo(k)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. -0.02 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:252 Resp: 7720

Ion	Ratio	Lower	Upper
252	100		
253	28.5	21.3	31.9
125	18.7	12.3	18.5#

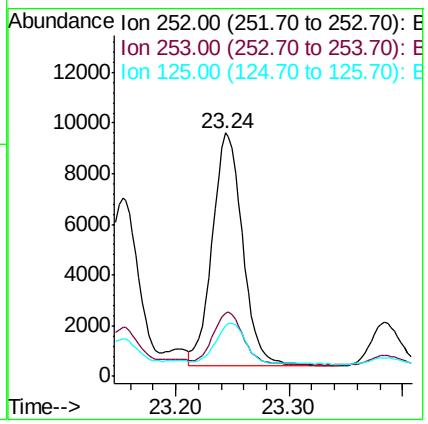




#23
Benzo(a)pyrene
Concen: 0.550 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.02 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

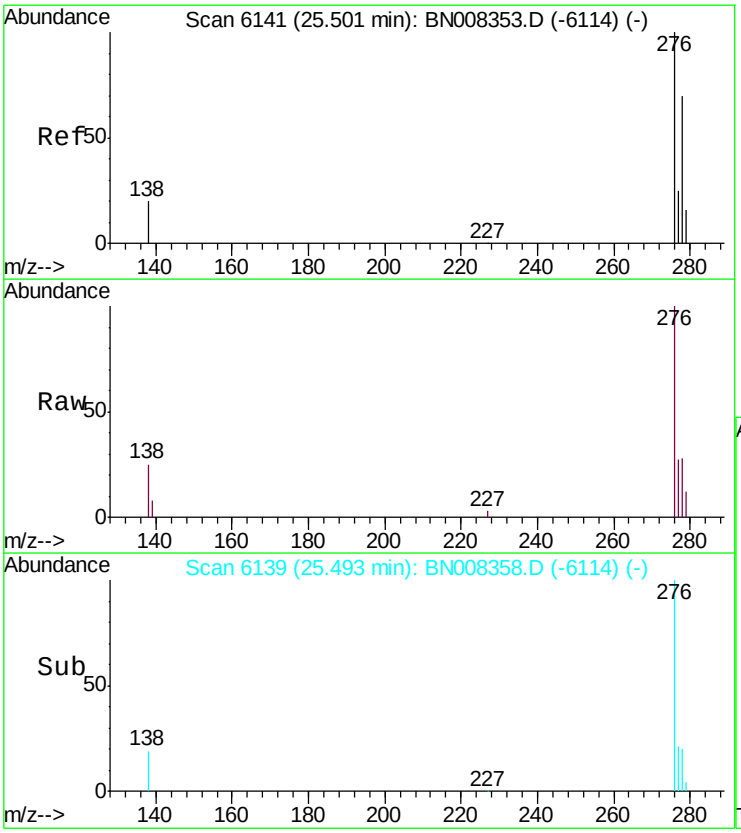
Tgt Ion:252 Resp: 17014

Ion	Ratio	Lower	Upper
252	100		
253	26.1	22.8	34.2
125	20.7	18.4	27.6



Instrument :
BNA_N
ClientSampleId :
BEPA7DL

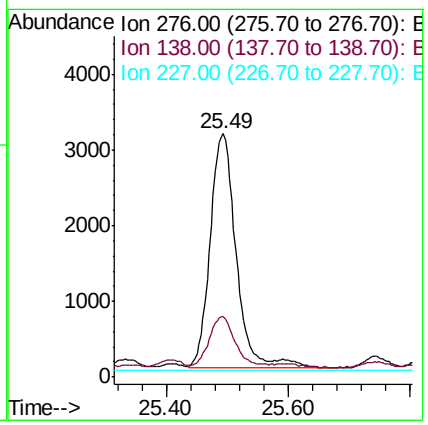
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM

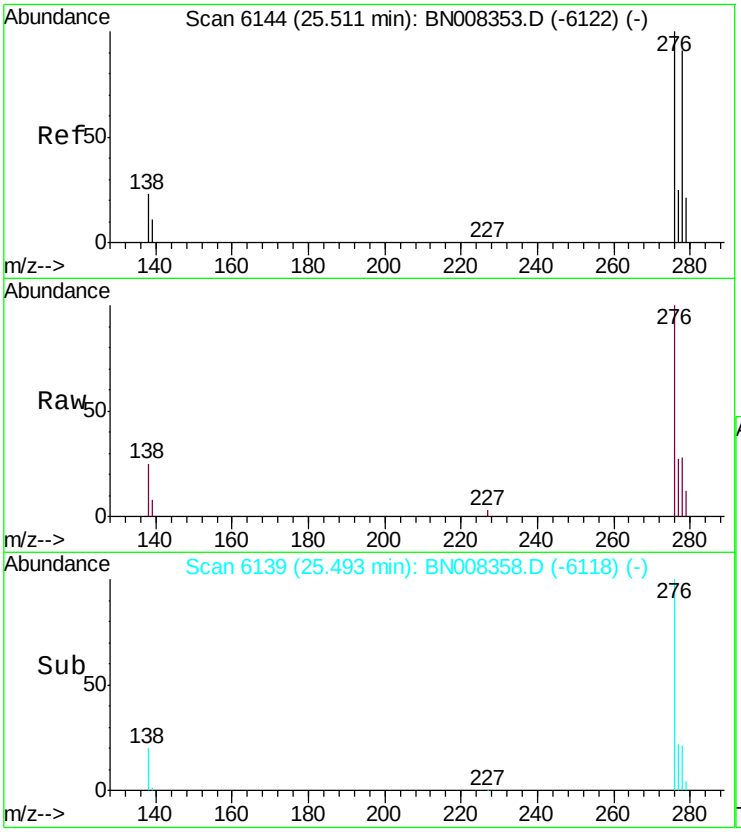


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.02 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:276 Resp: 9258

Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.1	24.1
227	0.1	0.2	0.2#





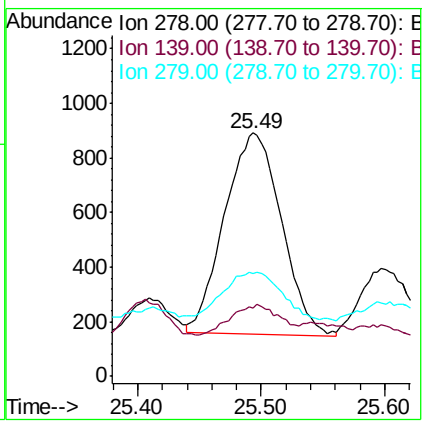
#25
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.03 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

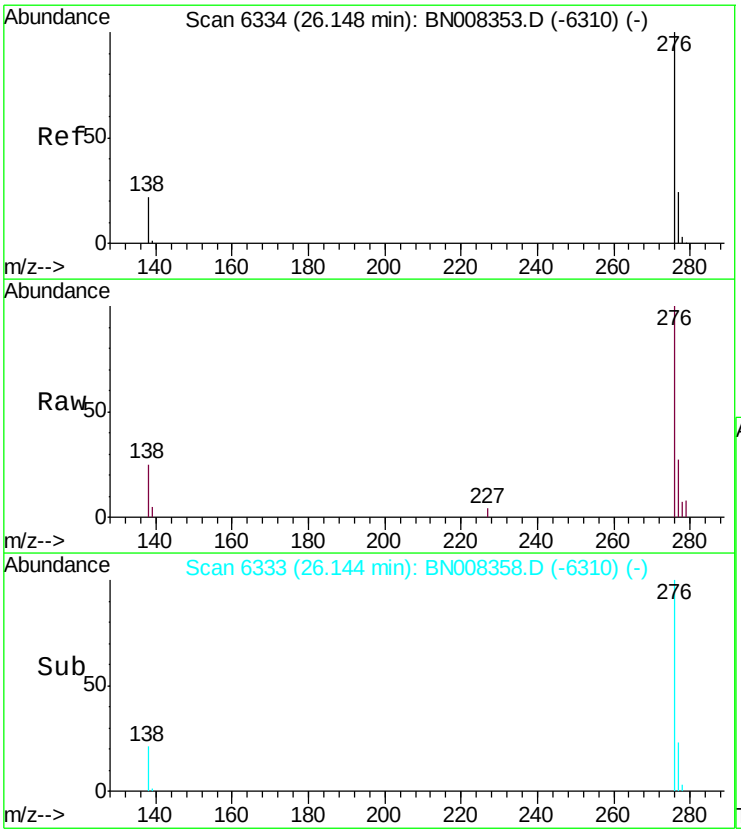
Tgt Ion:278 Resp: 2343

Ion	Ratio	Lower	Upper
278	100		
139	28.1	15.0	22.6#
279	42.3	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
BEPA7DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:53 AM





#26
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. -0.02 min
Lab File: BN008358.D
Acq: 23 Oct 2019 20:20

Tgt Ion:276 Resp: 7308

Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.0	25.4#
277	26.9	20.4	30.6