Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008339.D
Acq On : 23 Oct 2019 06:19
Operator : JU
Sample : K5223-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 23 07:16:04 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1659	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8288	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5202	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11390m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11030	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9479	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3034	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9538	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1251	0.053	ng/ul#	85
5) 2-Methylnaphthalene	12.02	142	580	0.036	ng/ul	96
7) Acenaphthylene	13.93	152	4503	0.182	ng/ul	97
8) Acenaphthene	14.28	153	1201	0.062	ng/ul	96
9) Fluorene	15.27	166	1691	0.077	ng/ul#	95
12) Phenanthrene	17.00	178	45919	1.377	ng/ul	99
13) Anthracene	17.10	178	8797	0.300	ng/ul	99
15) Fluoranthene	19.03	202	136831	3.107	ng/ul	99
17) Pyrene	19.40	202	131020	2.983	ng/ul	100
18) Benzo(a)anthracene	21.16	228	72311	1.803	ng/ul	98
19) Chrysene	21.21	228	84709	1.721	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	94643m	3.067	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	29096m	0.832	ng/ul	
23) Benzo(a)pyrene	23.25	252	60072	1.850	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.50	276	37560	0.982	ng/ul	99
25) Dibenzo(a,h)anthracene	25.50	278	8861	0.293	ng/ul	92
26) Benzo(g,h,i)perylene	26.15	276	29917	0.853	ng/ul	98

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

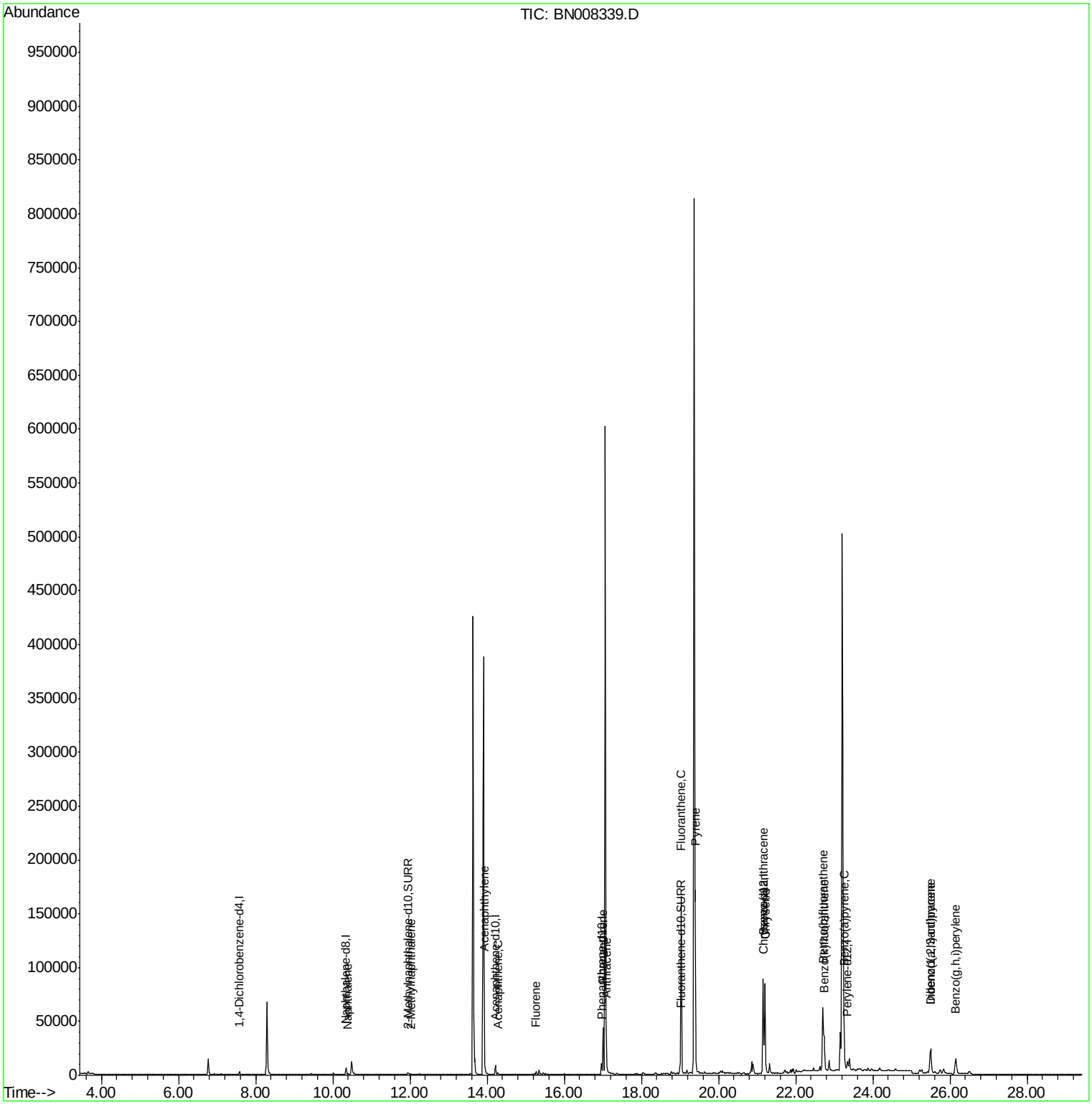
Quantitation Report (QT Reviewed)

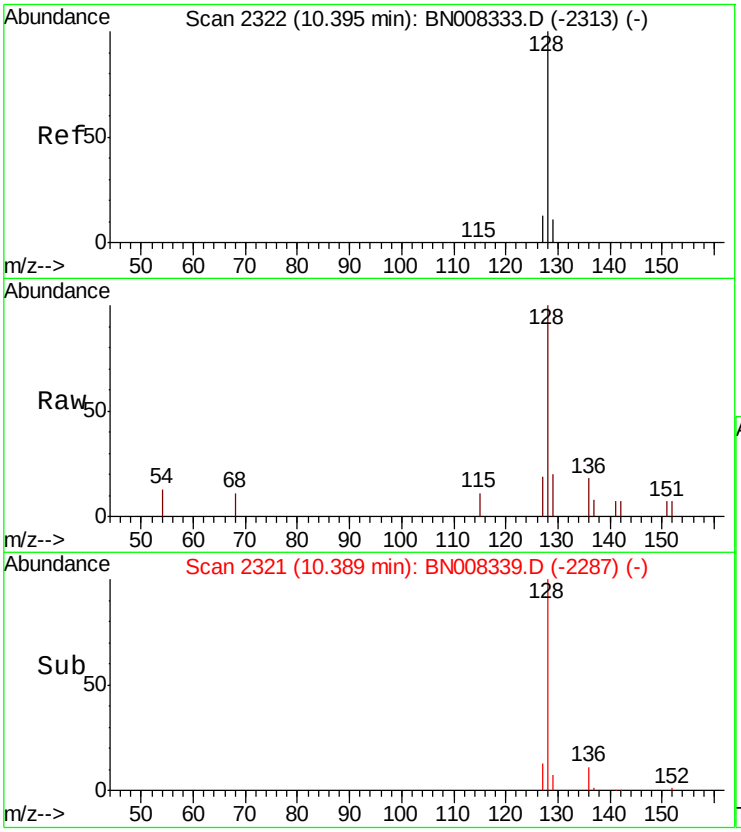
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008339.D
Acq On : 23 Oct 2019 06:19
Operator : JU
Sample : K5223-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 23 07:16:04 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM





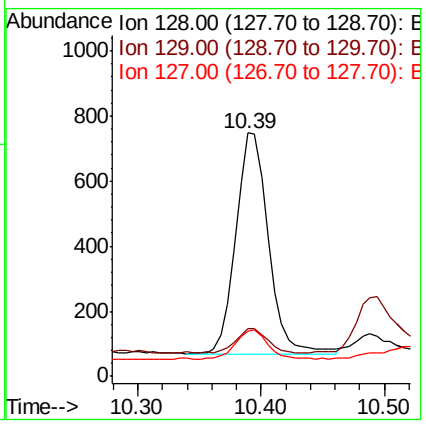
#3
Naphthalene
Concen: 0.053 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

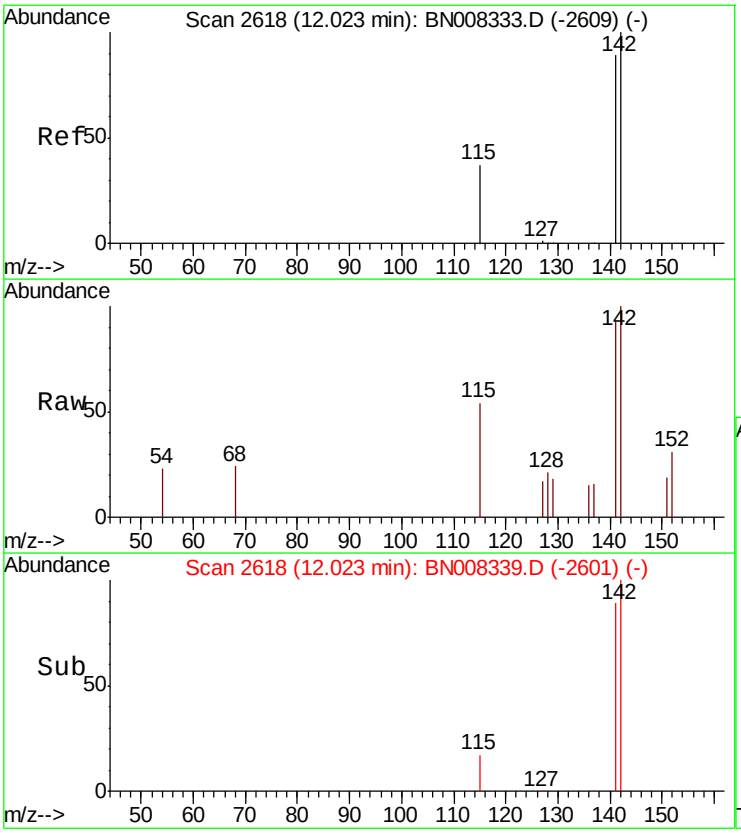
Tgt Ion:128 Resp: 1251

Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.8	14.8#
127	18.7	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

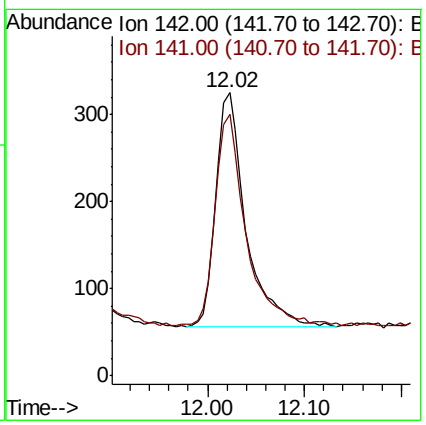


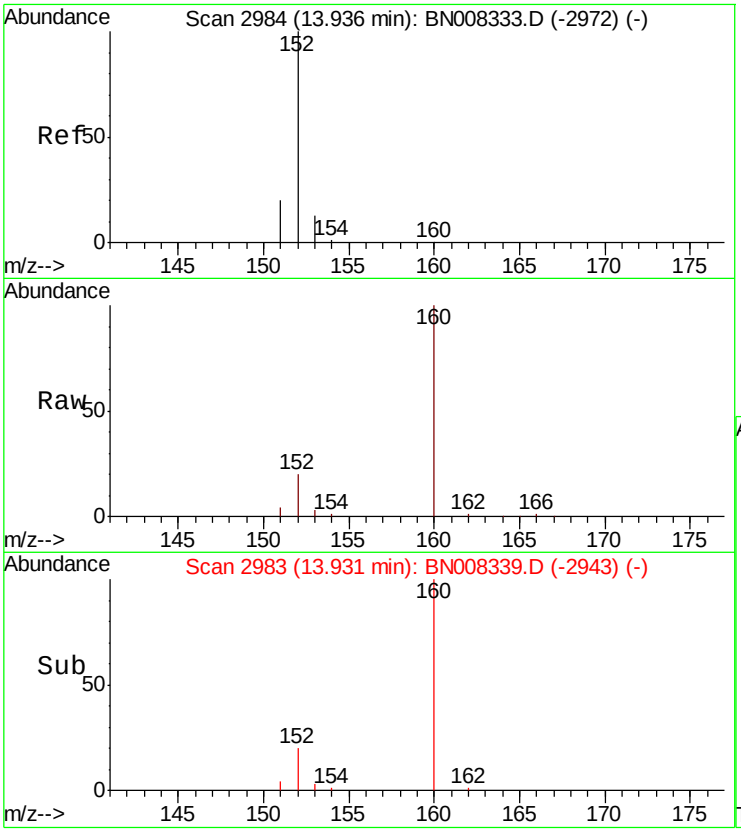


#5
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.02 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:142 Resp: 580

Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.4	107.2

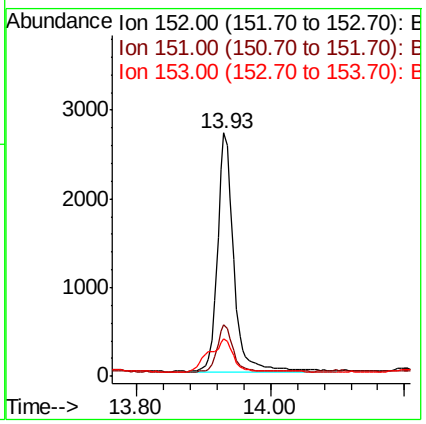




#7
Acenaphthylene
Concen: 0.182 ng/ul
RT: 13.93 min Scan# 2983
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

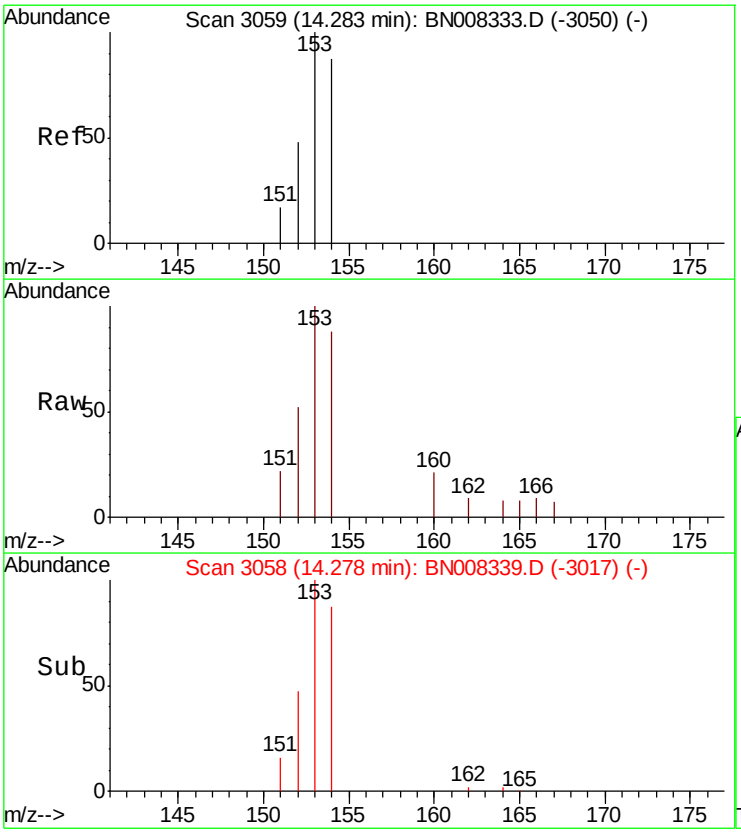
Tgt Ion:152 Resp: 4503

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.4
153	15.6	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEPA6

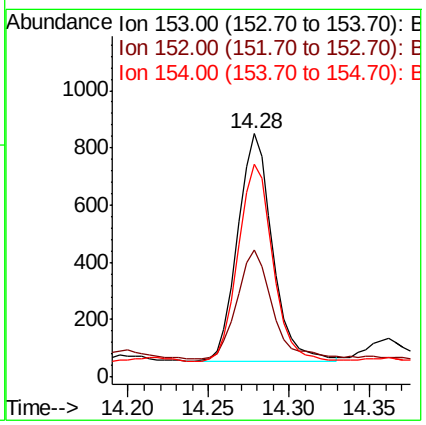
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

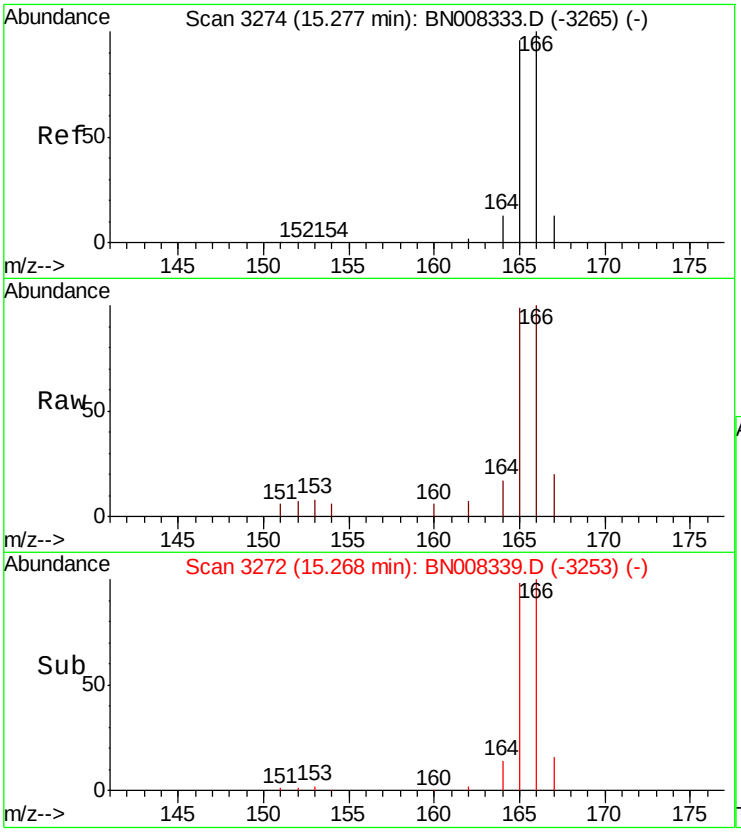


#8
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.28 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:153 Resp: 1201

Ion	Ratio	Lower	Upper
153	100		
152	52.0	38.2	57.2
154	87.5	71.8	107.8





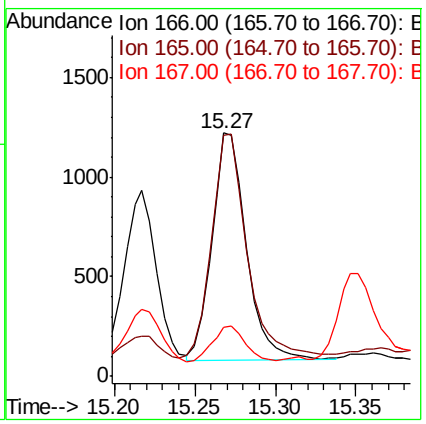
#9
Fluorene
Concen: 0.077 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

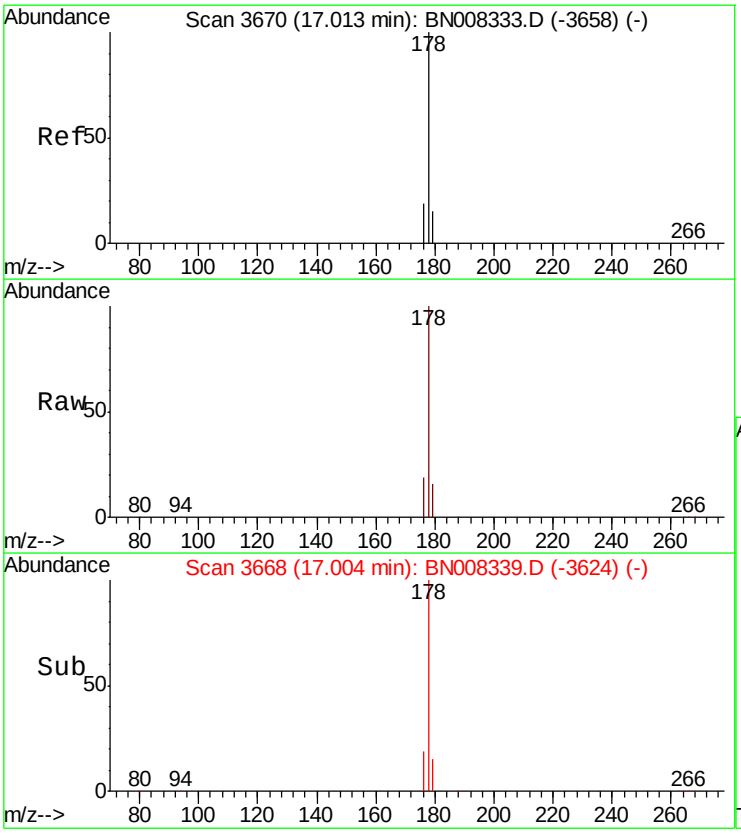
Tgt Ion:166 Resp: 1691

Ion	Ratio	Lower	Upper
166	100		
165	99.0	76.6	115.0
167	20.1	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

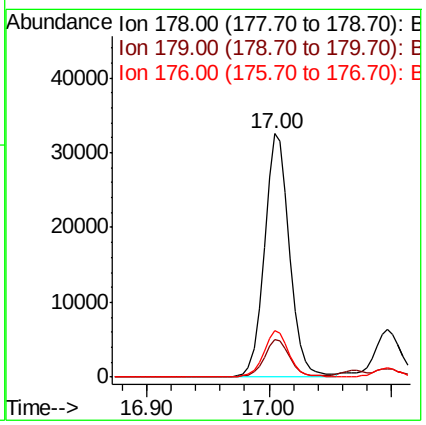


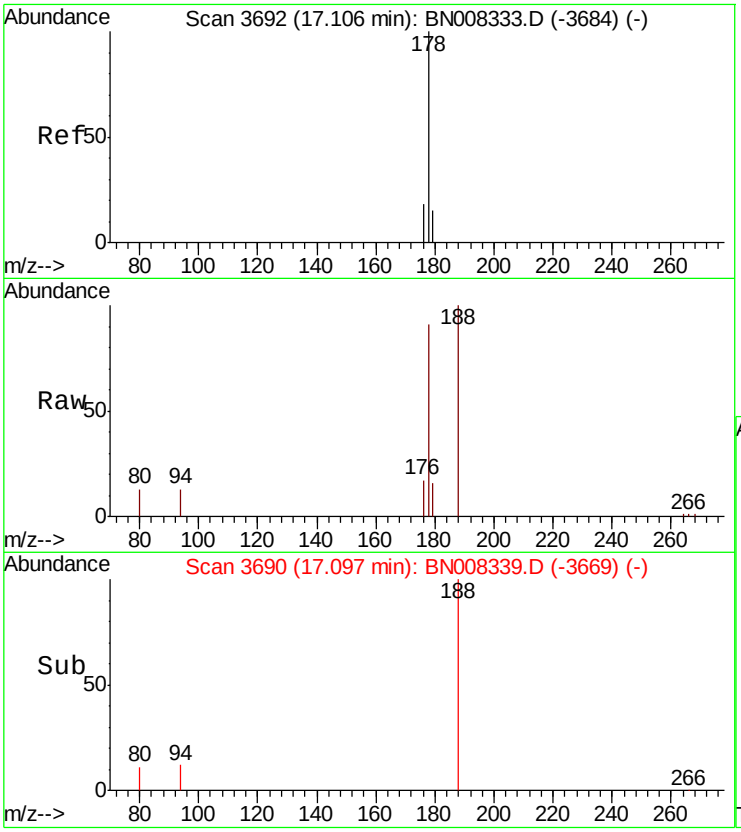


#12
Phenanthrene
Concen: 1.377 ng/ul
RT: 17.00 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:178 Resp: 45919

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.9	15.4	23.2

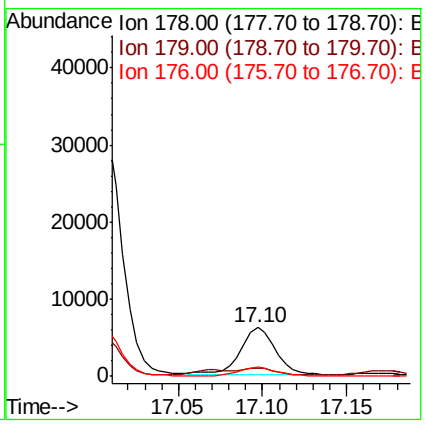




#13
Anthracene
Concen: 0.300 ng/ul
RT: 17.10 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

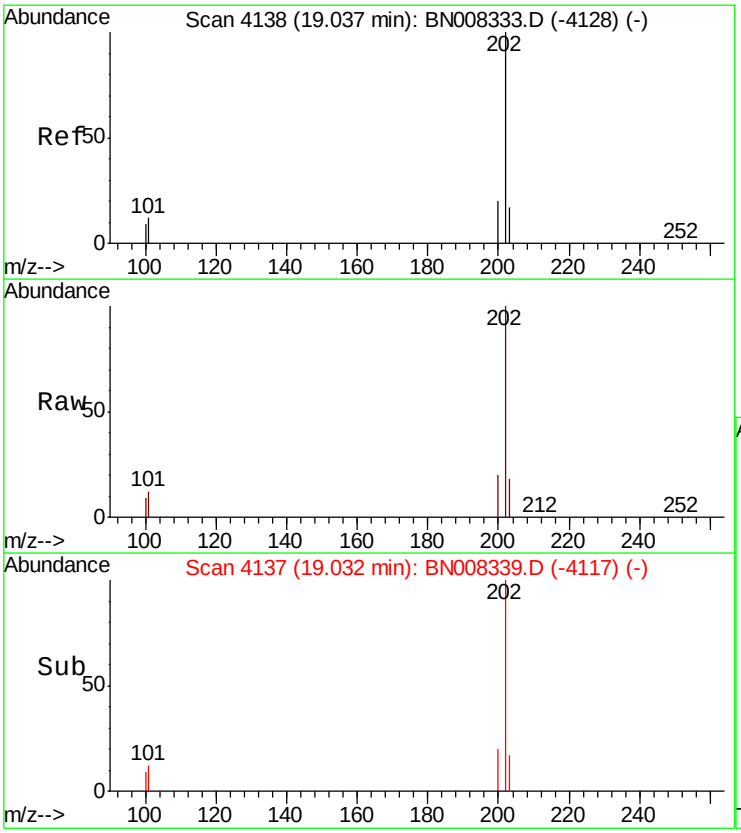
Tgt Ion:178 Resp: 8797

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.6
176	19.0	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPA6

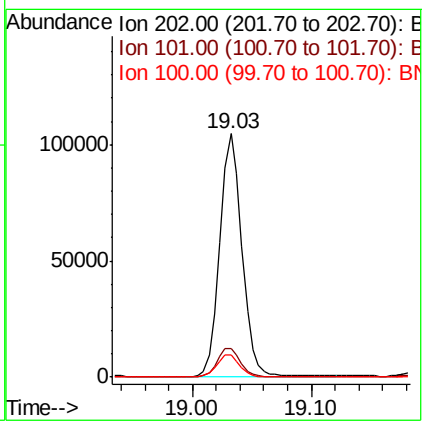
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

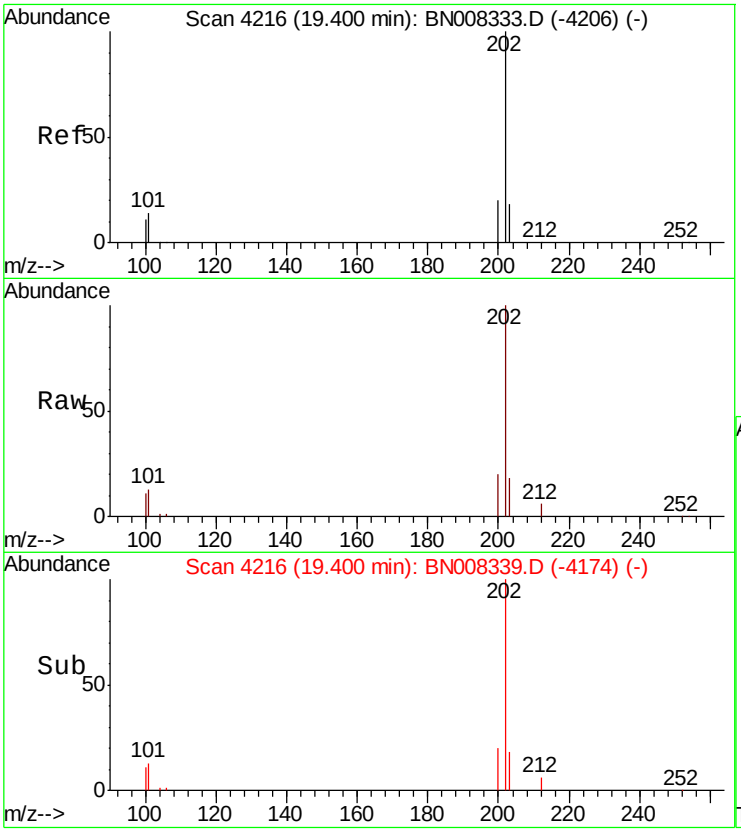


#15
Fluoranthene
Concen: 3.107 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:202 Resp: 136831

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.9	0.0	28.5





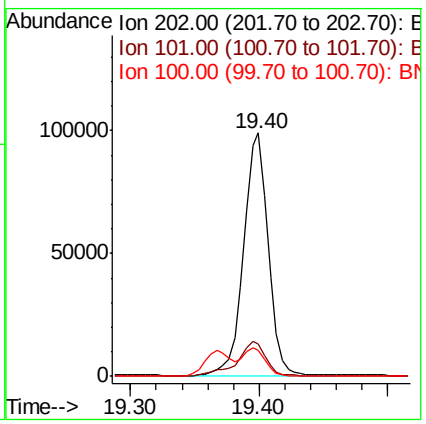
#17
Pyrene
Concen: 2.983 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

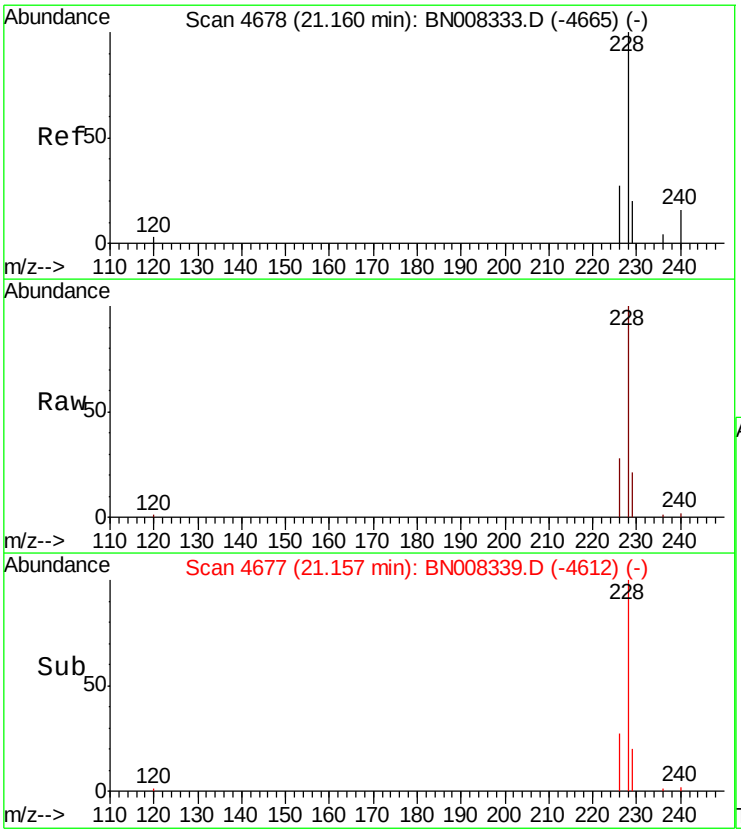
Tgt Ion:202 Resp: 131020

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.9	16.3
100	10.9	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

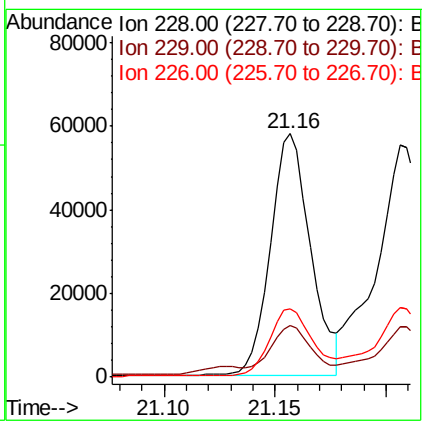


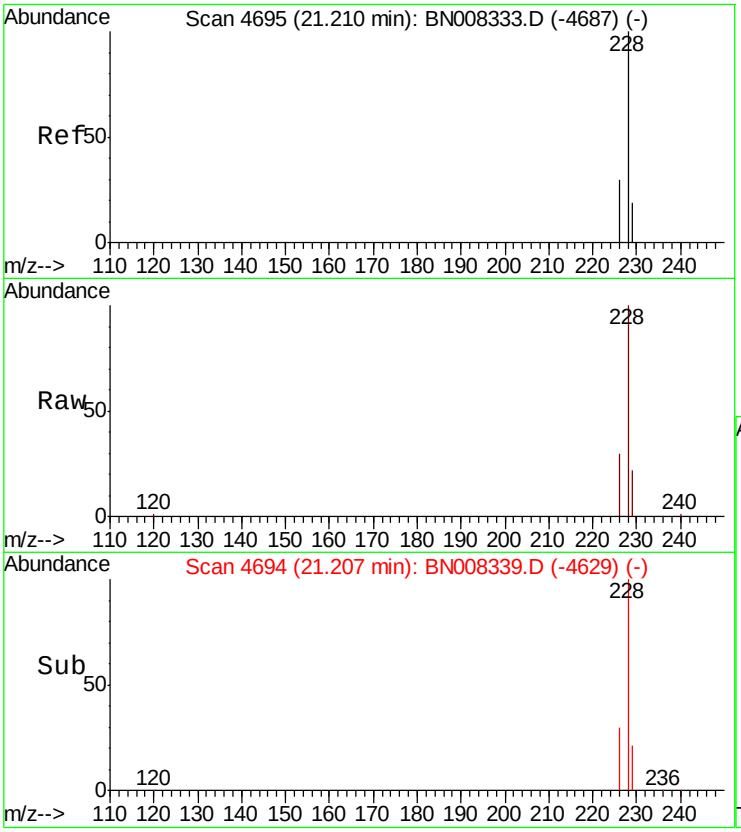


#18
Benzo(a)anthracene
Concen: 1.803 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:228 Resp: 72311

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.0	21.4	32.0

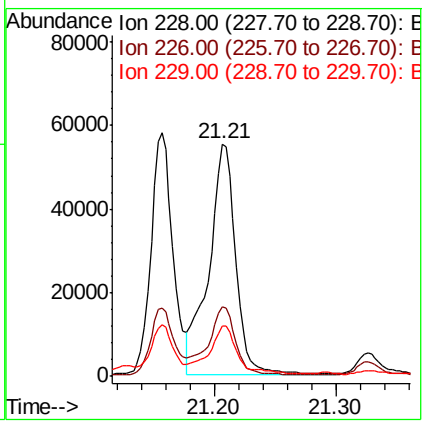




#19
Chrysene
Concen: 1.721 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

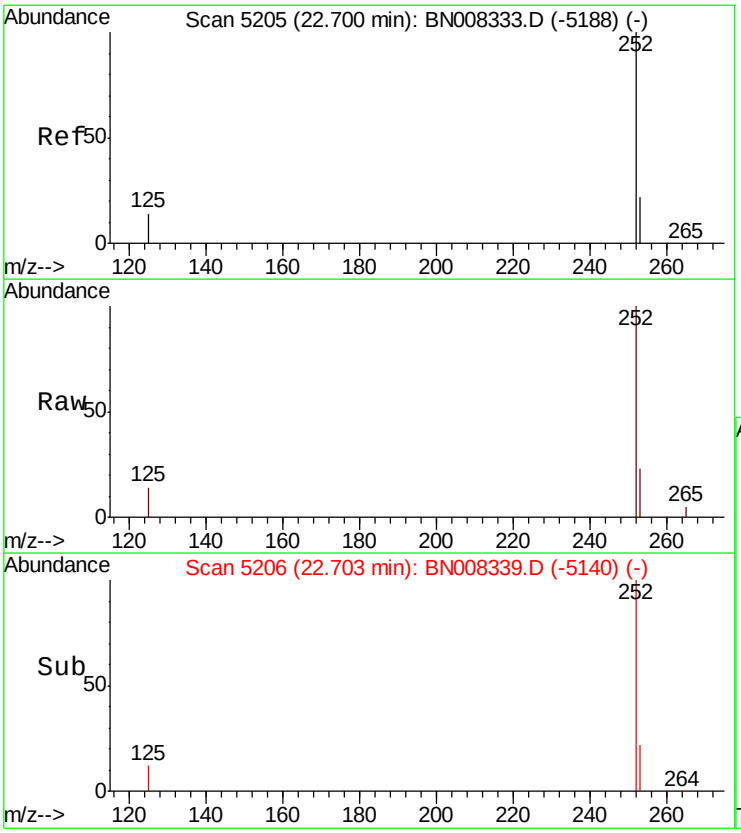
Tgt Ion:228 Resp: 84709

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.6	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPA6

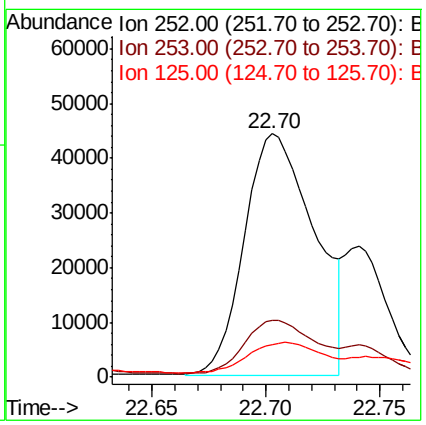
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

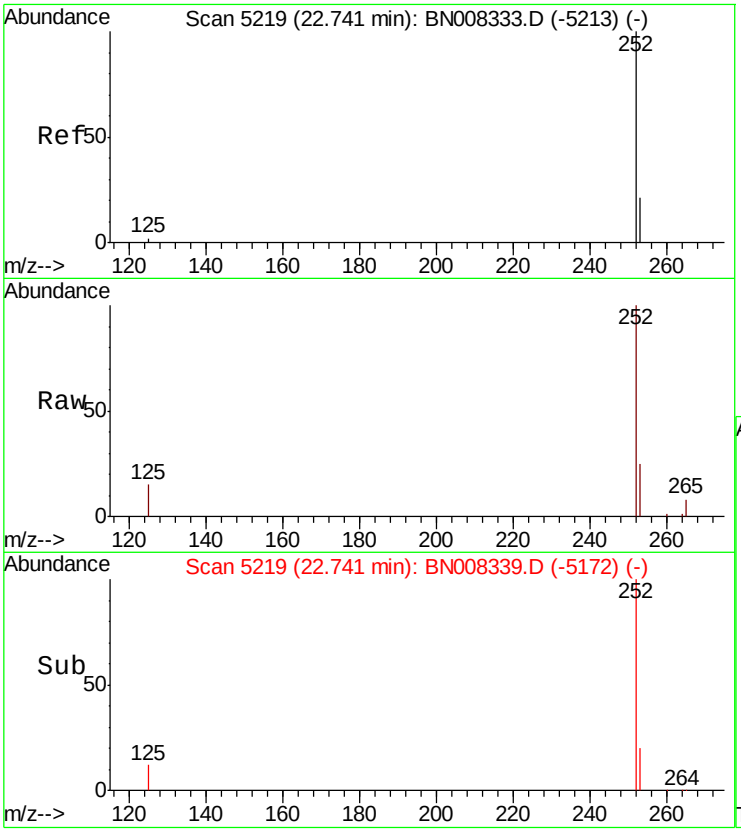


#21
Benzo(b)fluoranthene
Concen: 3.067 ng/ul m
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:252 Resp: 94643

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.4
125	13.5	0.0	32.4

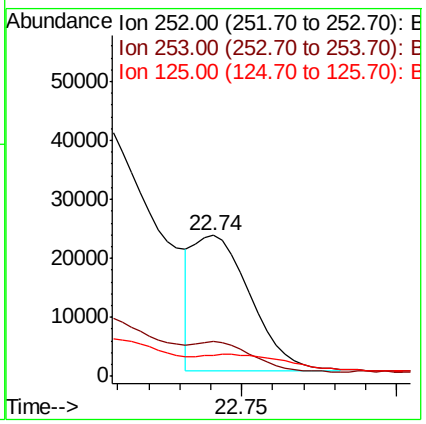




#22
Benzo(k)fluoranthene
Concen: 0.832 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

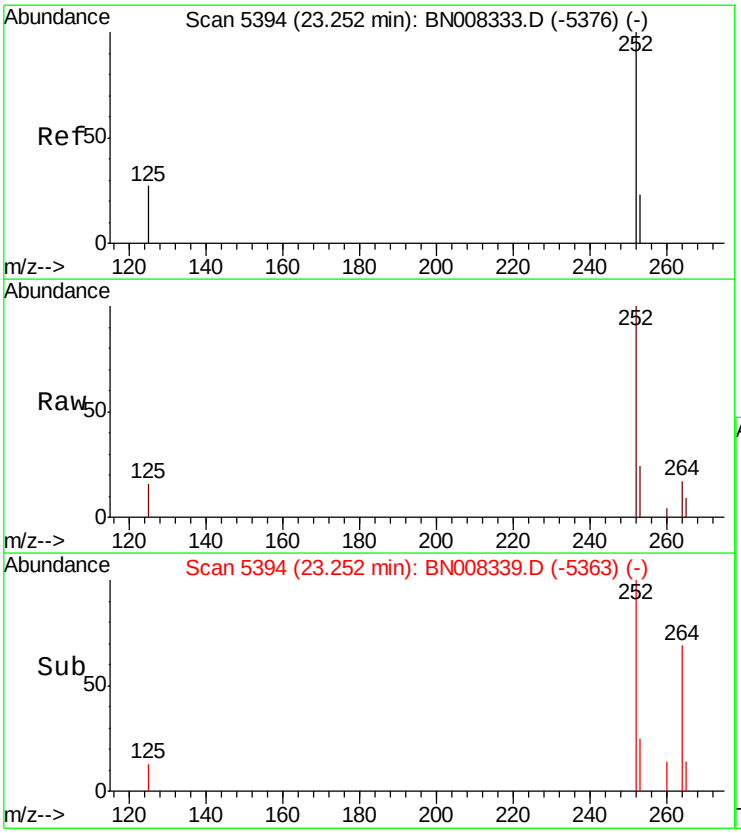
Tgt Ion:252 Resp: 29096

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.3	31.9
125	15.2	12.3	18.5



Instrument :
BNA_N
ClientSampleId :
BEPA6

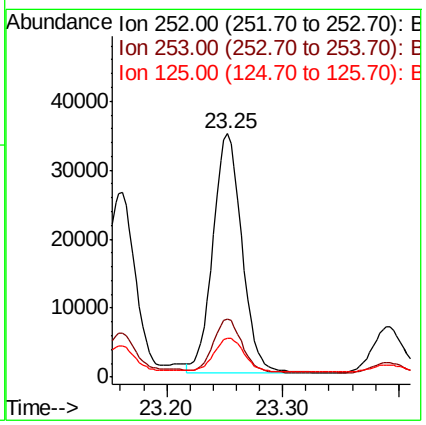
Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

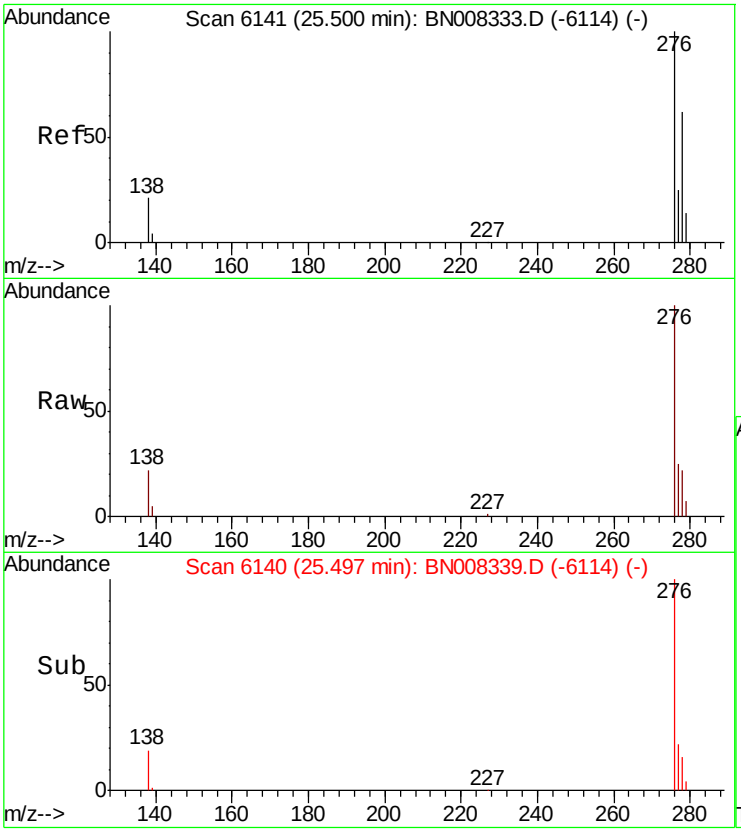


#23
Benzo(a)pyrene
Concen: 1.850 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:252 Resp: 60072

Ion	Ratio	Lower	Upper
252	100		
253	23.8	22.8	34.2
125	16.0	18.4	27.6#





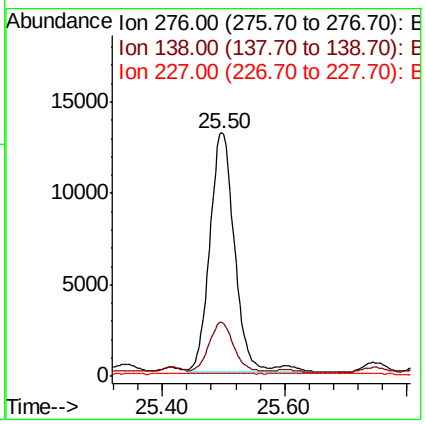
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.982 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

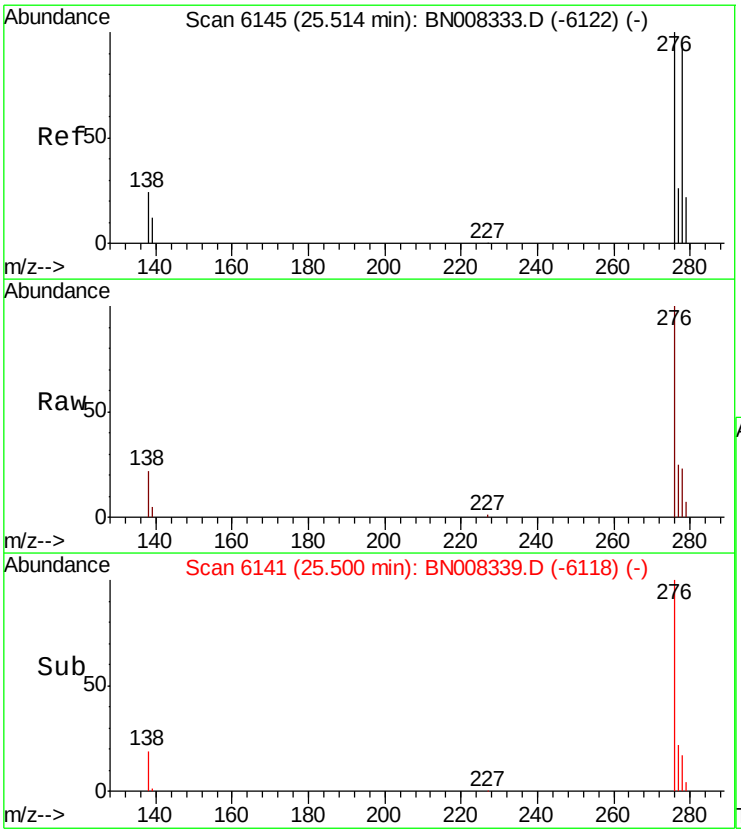
Tgt Ion:276 Resp: 37560

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM

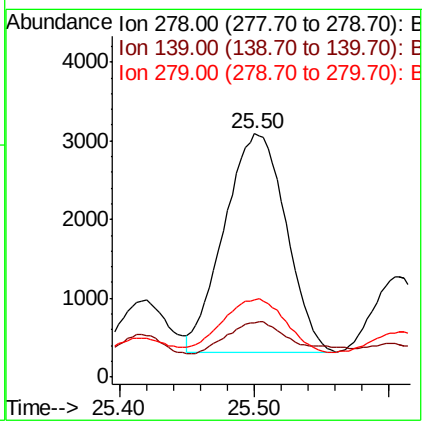


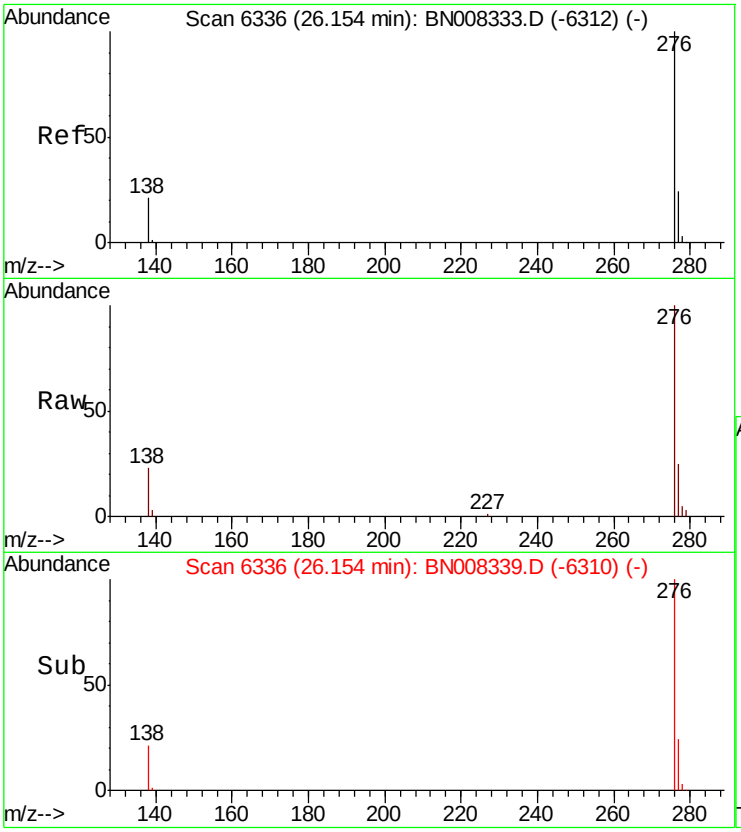


#25
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.02 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:278 Resp: 8861

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.0	22.6
279	31.8	22.4	33.6

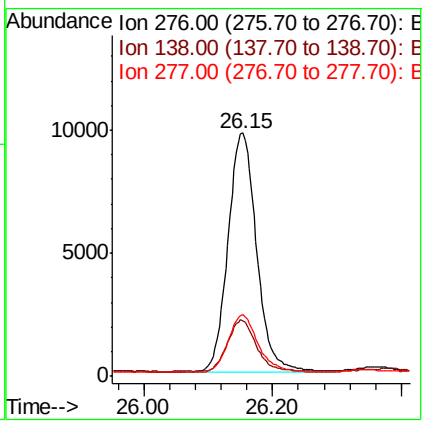




#26
Benzo(g,h,i)perylene
Concen: 0.853 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008339.D
Acq: 23 Oct 2019 06:19

Tgt Ion:276 Resp: 29917

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.0	25.4
277	25.2	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPA6

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:04 AM