Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006526.D
Acq On : 24 Jun 2019 12:05
Operator : HP/JU
Sample : K3360-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

Quant Time: Jun 25 00:59:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4264	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16194	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8289	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15809	0.40	ng/ul	-0.01
16) Chrysene-d12	21.26	240	9332	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	9822	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4989	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	9386	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1048	0.023	ng/ul#	77
8) Acenaphthene	14.34	153	8048	0.252	ng/ul	99
9) Fluorene	15.34	166	899	0.024	ng/ul#	94
12) Phenanthrene	17.08	178	34929	0.688	ng/ul	99
13) Anthracene	17.17	178	3141	0.065	ng/ul#	91
15) Fluoranthene	19.11	202	152784	2.727	ng/ul	100
17) Pyrene	19.48	202	137366	2.795	ng/ul	97
18) Benzo(a)anthracene	21.24	228	51387	1.245	ng/ul	100
19) Chrysene	21.30	228	74999	1.936	ng/ul	100
21) Benzo(b)fluoranthene	22.83	252	103757m	2.533	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	35233m	0.883	ng/ul	
23) Benzo(a)pyrene	23.40	252	58131	1.524	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.73	276	48369	1.172	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	10841	0.328	ng/ul	98
26) Benzo(g,h,i)perylene	26.41	276	42933	1.242	ng/ul	95

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

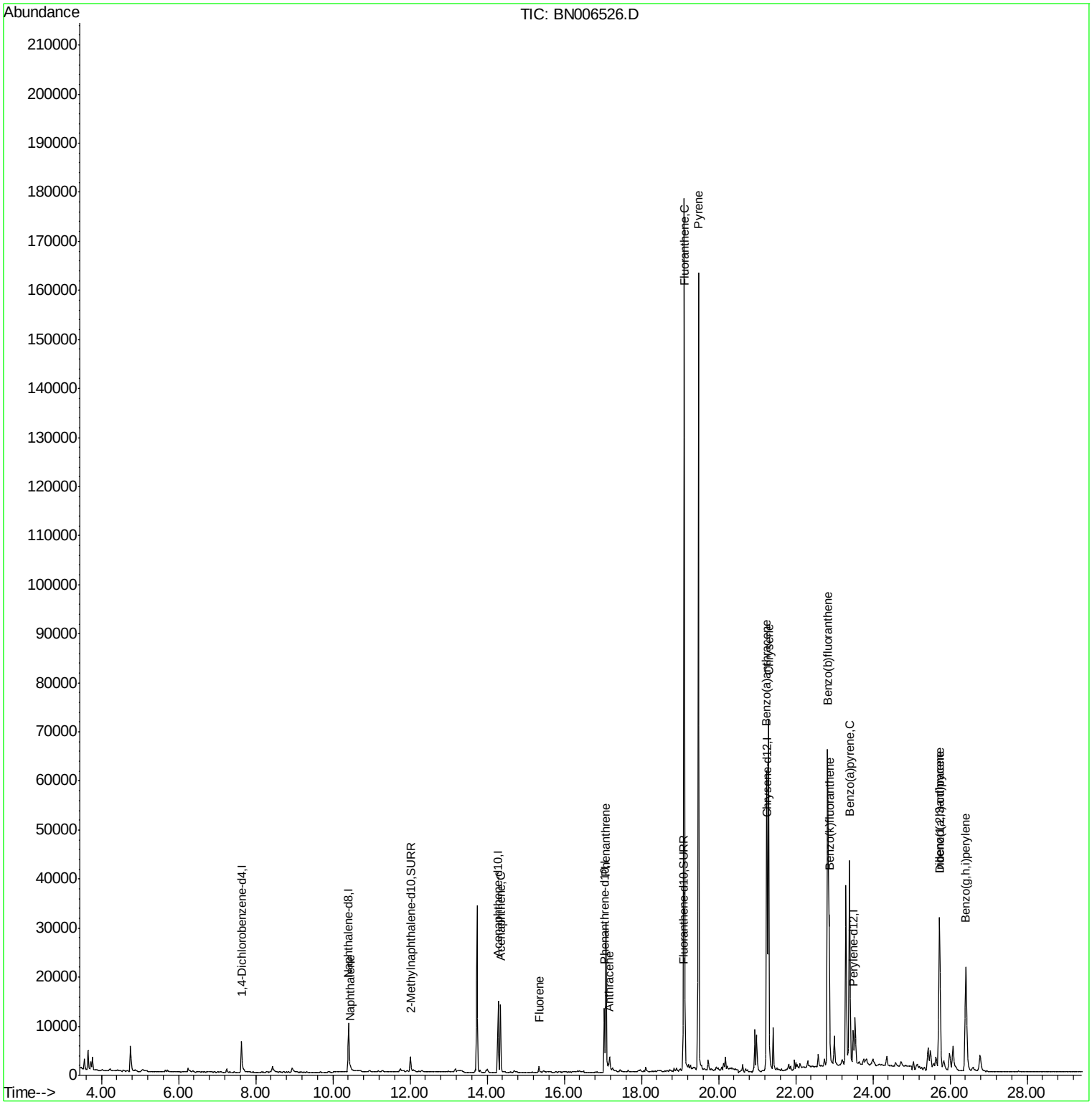
Quantitation Report (QT Reviewed)

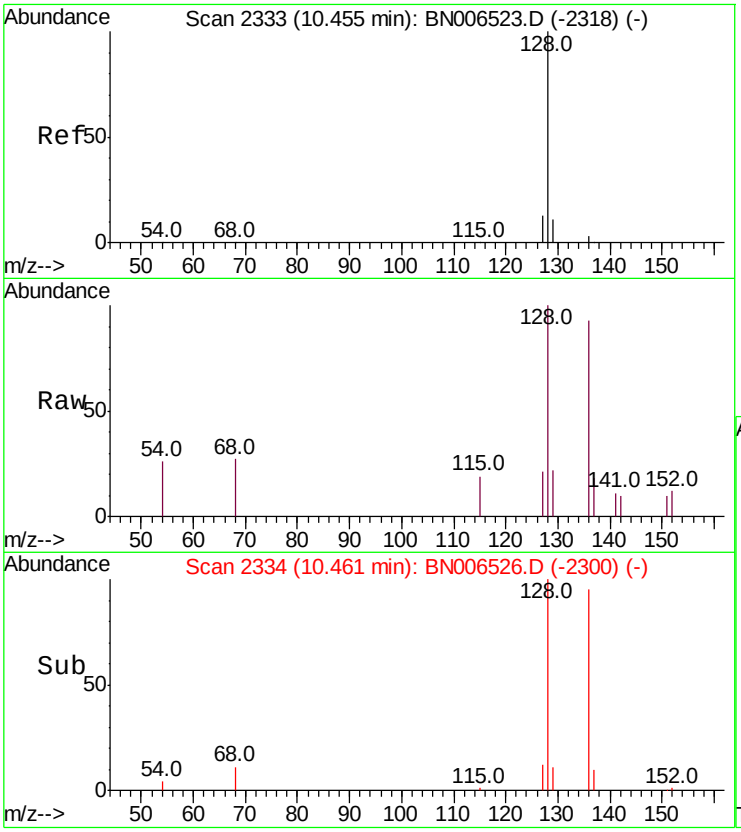
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006526.D
Acq On : 24 Jun 2019 12:05
Operator : HP/JU
Sample : K3360-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 00:59:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM





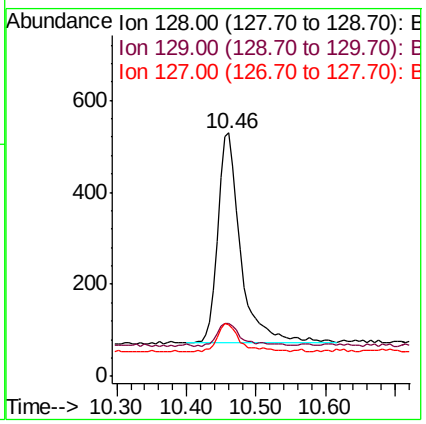
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.46 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

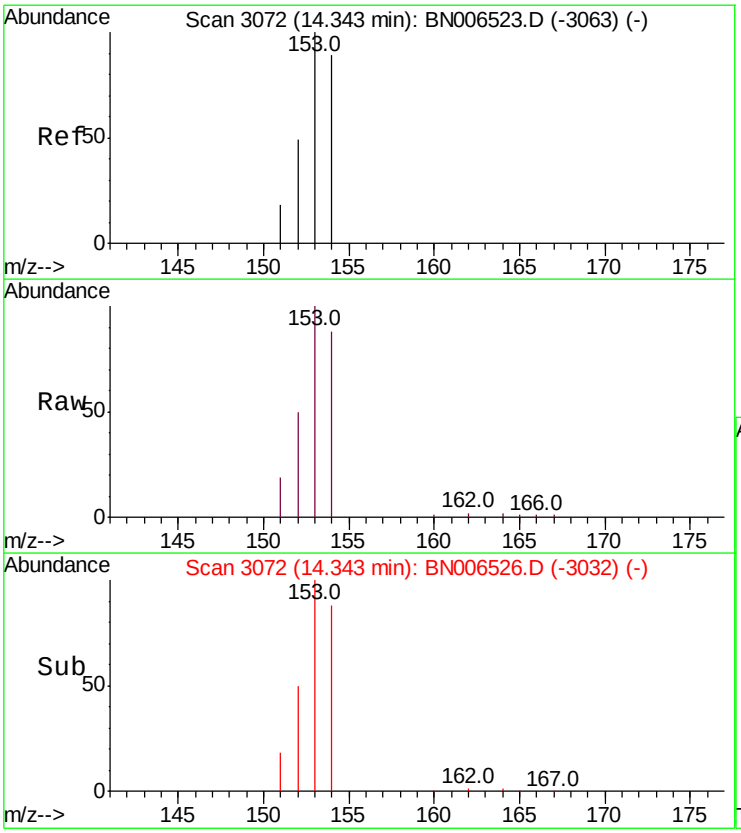
Tgt Ion:128 Resp: 1048

Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.3	13.9#
127	21.4	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

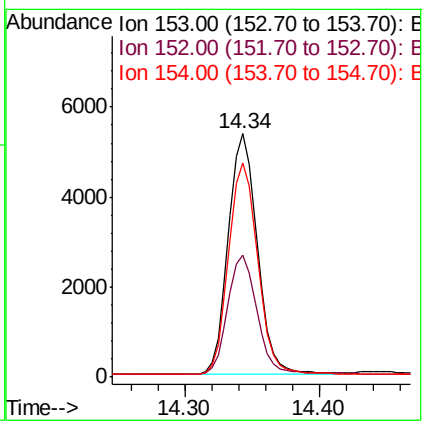


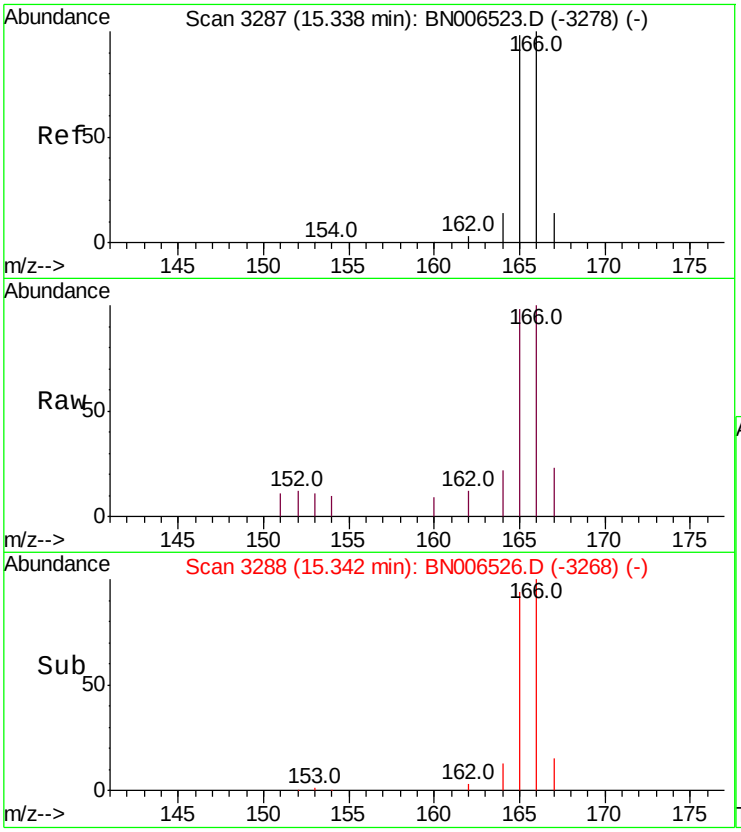


#8
Acenaphthene
Concen: 0.252 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:153 Resp: 8048

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.1	58.7
154	87.8	71.1	106.7

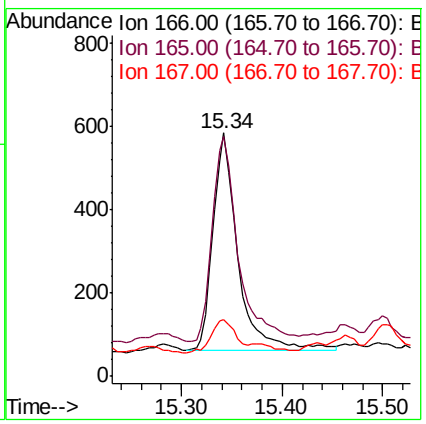




#9
Fluorene
Concen: 0.024 ng/ul
RT: 15.34 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

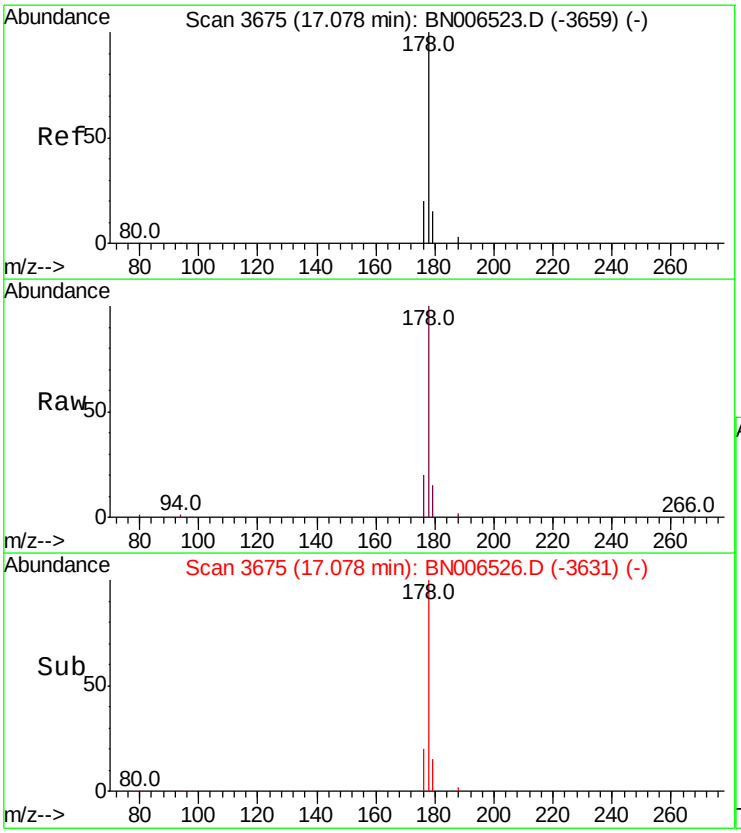
Tgt Ion:166 Resp: 899

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.4	114.6
167	23.5	11.0	16.6#



Instrument :
BNA_N
ClientSampleId :
A4202MS

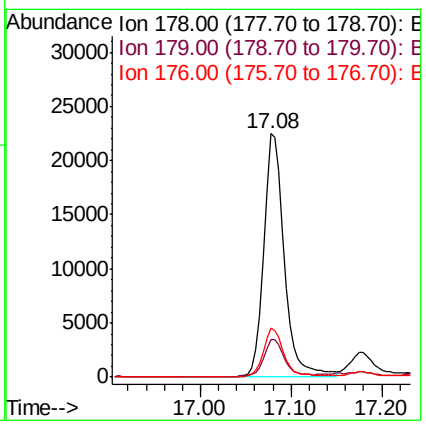
Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

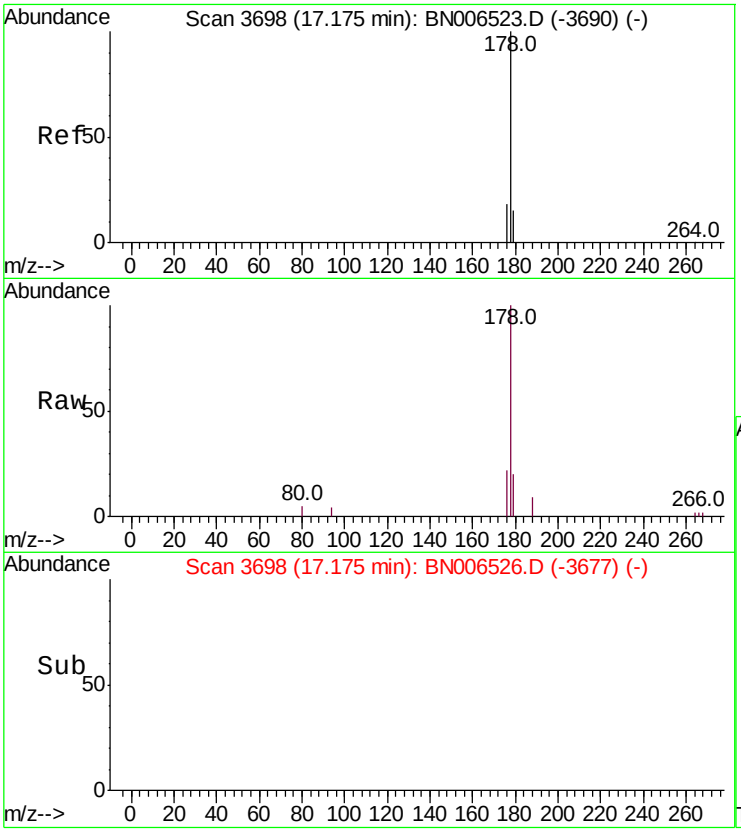


#12
Phenanthrene
Concen: 0.688 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:178 Resp: 34929

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	20.0	15.3	22.9





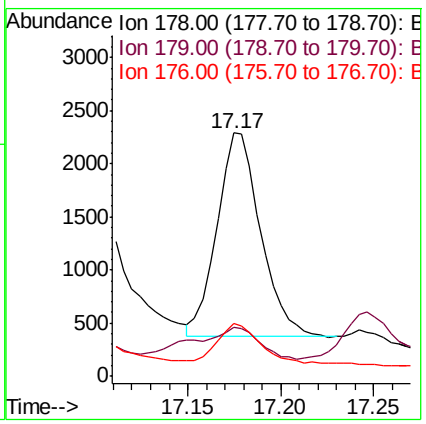
#13
Anthracene
Concen: 0.065 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

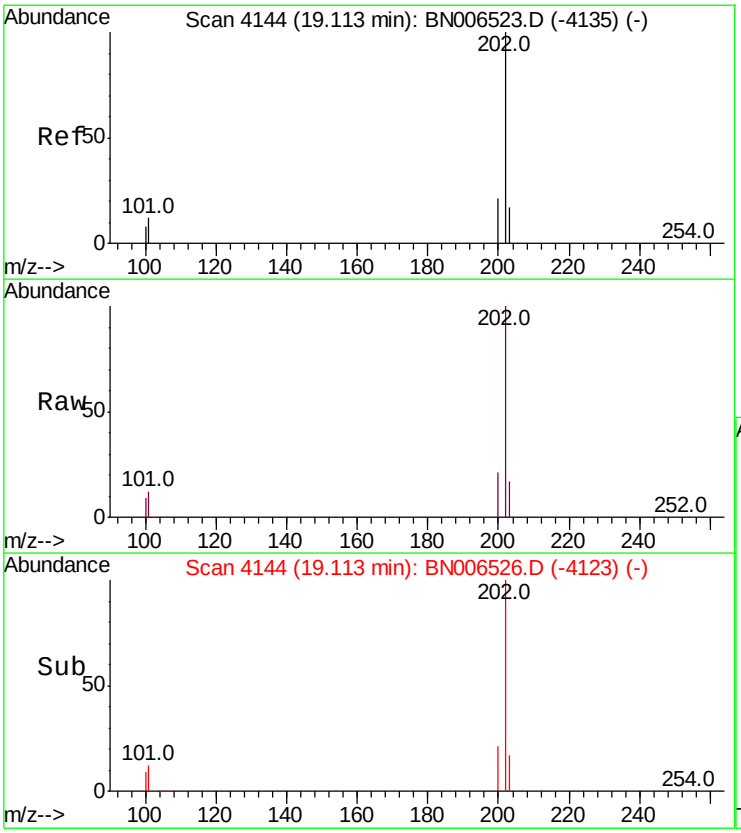
Tgt Ion:178 Resp: 3141

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.2	18.4#
176	21.8	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

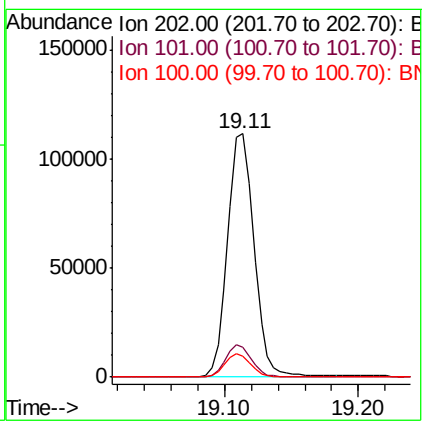


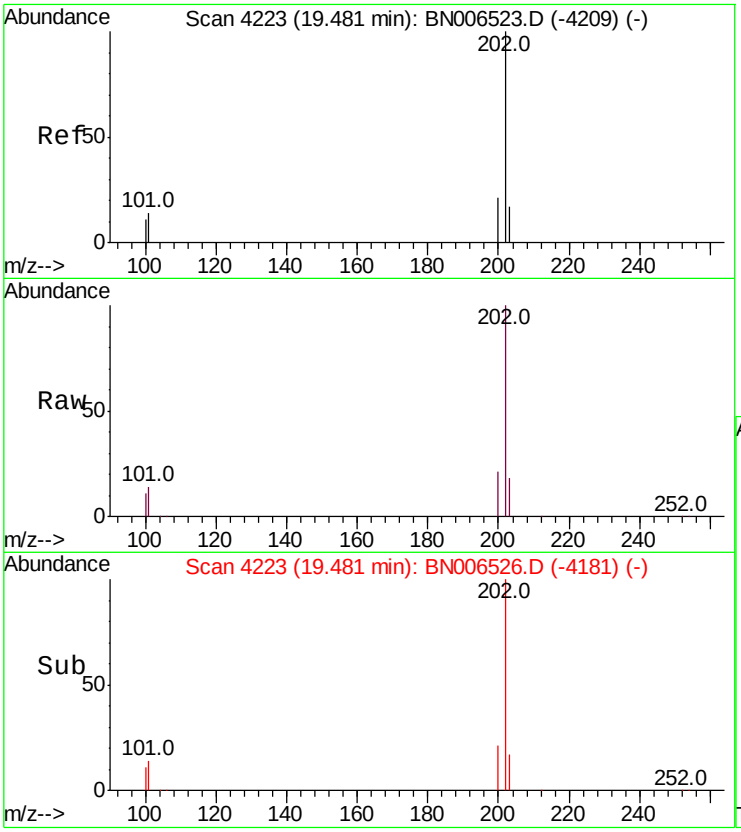


#15
Fluoranthene
Concen: 2.727 ng/ul
RT: 19.11 min Scan# 4144
Delta R.T. -0.00 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:202 Resp: 152784

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.1
100	8.7	0.0	28.7

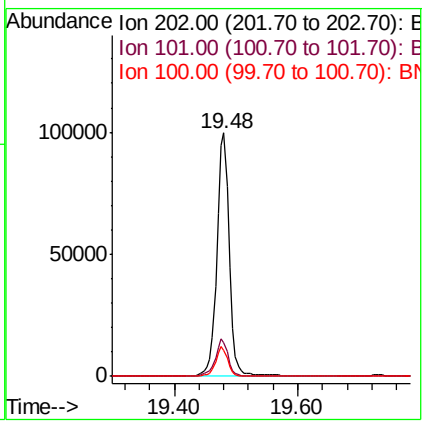




#17
Pyrene
Concen: 2.795 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

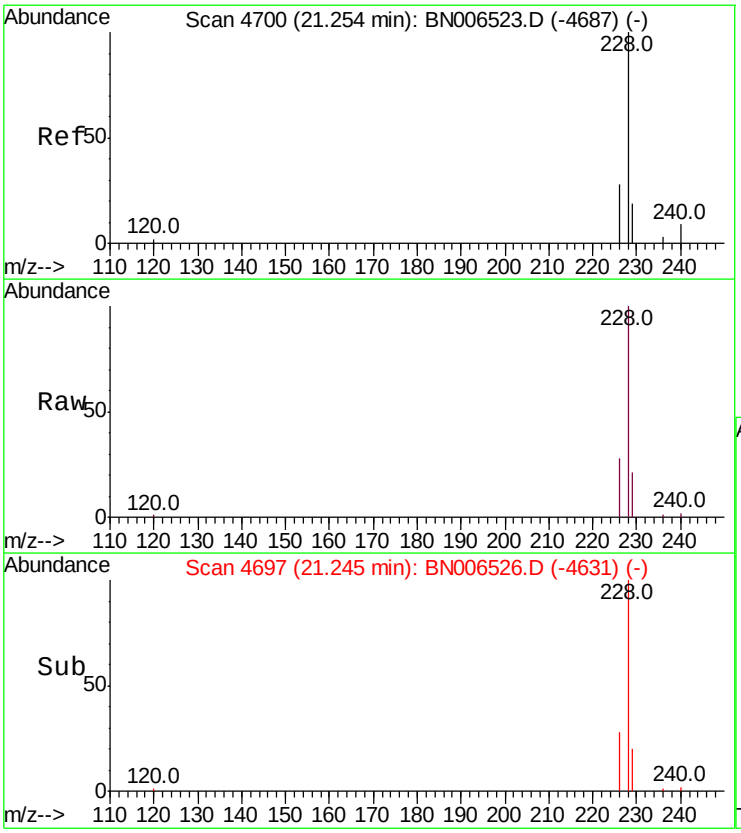
Tgt Ion:202 Resp: 137366

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.2	18.2
100	10.8	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A4202MS

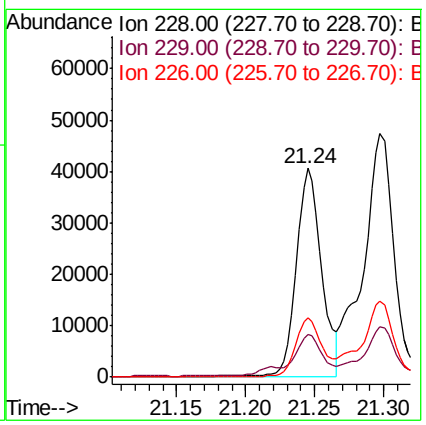
Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

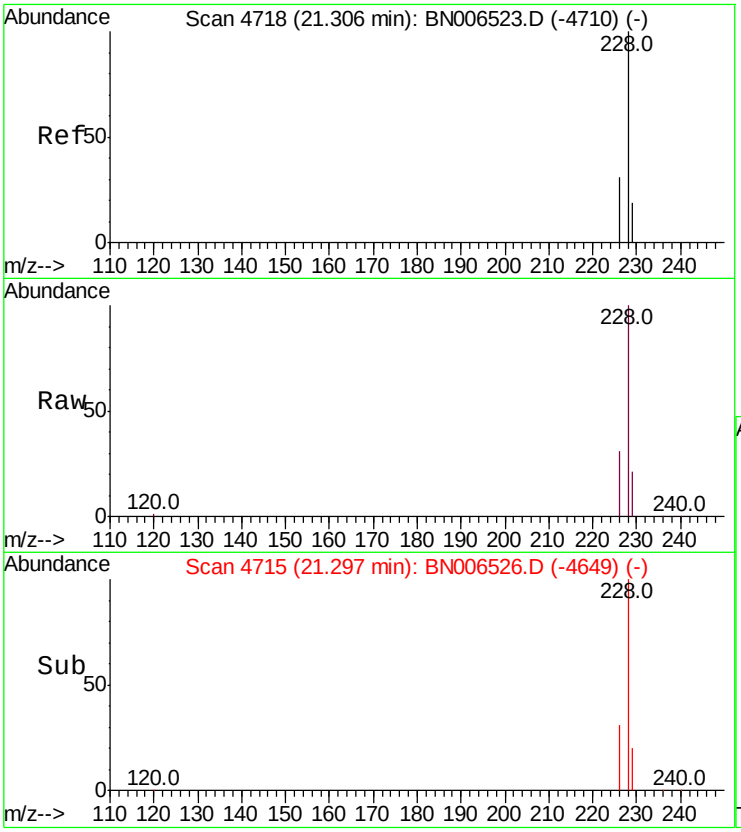


#18
Benzo(a)anthracene
Concen: 1.245 ng/ul
RT: 21.24 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:228 Resp: 51387

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.5	24.7
226	28.5	22.8	34.2





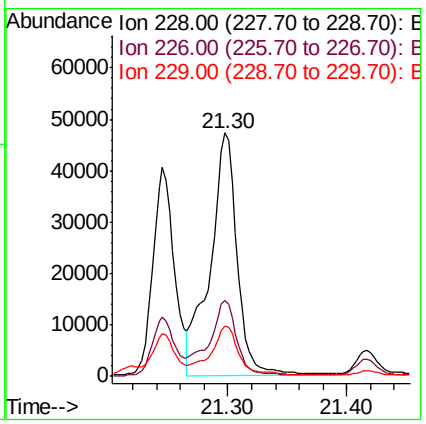
#19
Chrysene
Concen: 1.936 ng/ul
RT: 21.30 min Scan# 4715
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

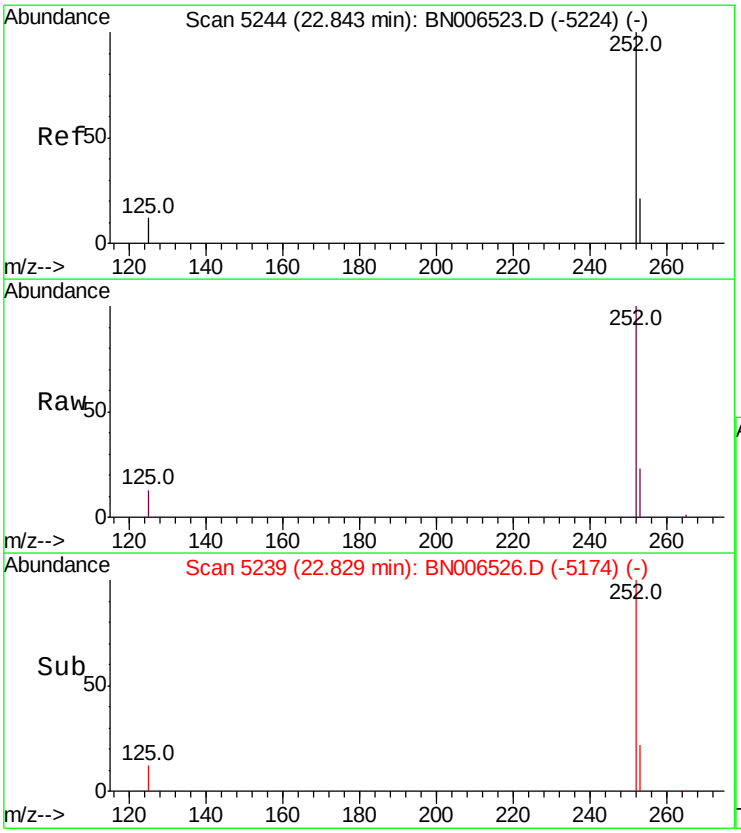
Tgt Ion:228 Resp: 74999

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.6	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

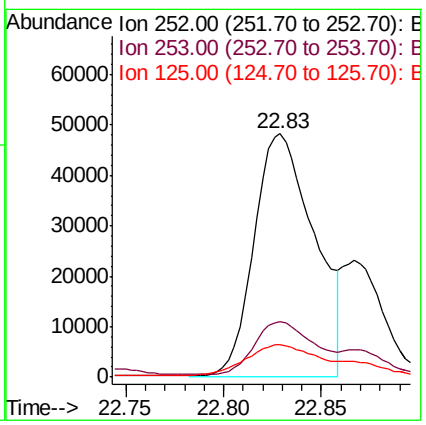


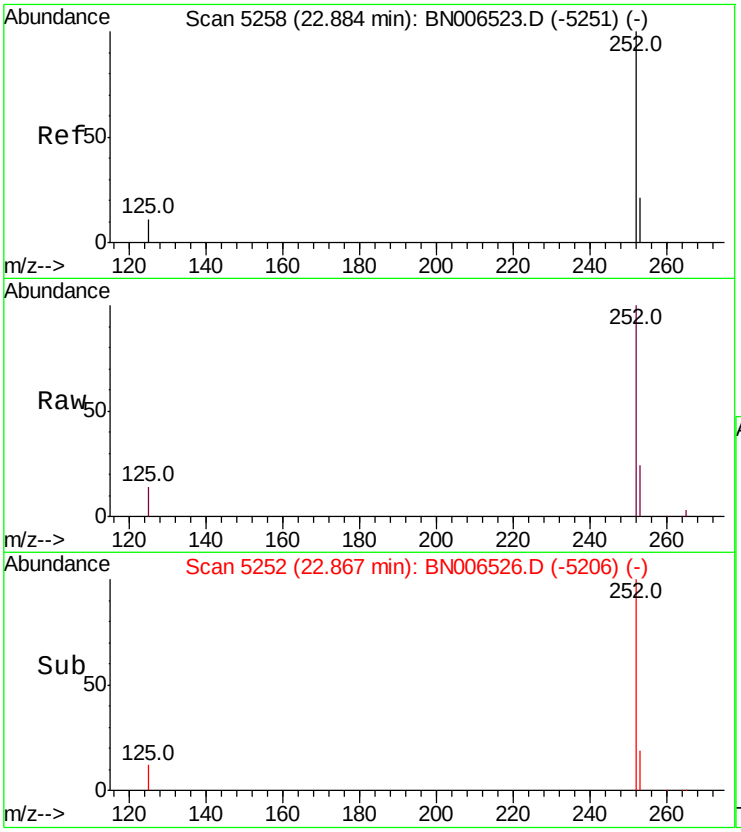


#21
Benzo(b)fluoranthene
Concen: 2.533 ng/ul m
RT: 22.83 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:252 Resp: 103757

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	51.4
125	13.1	0.0	41.0





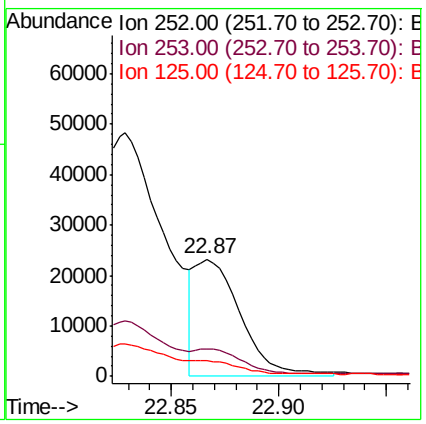
#22
Benzo(k)fluoranthene
Concen: 0.883 ng/ul m
RT: 22.87 min Scan# 5252
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

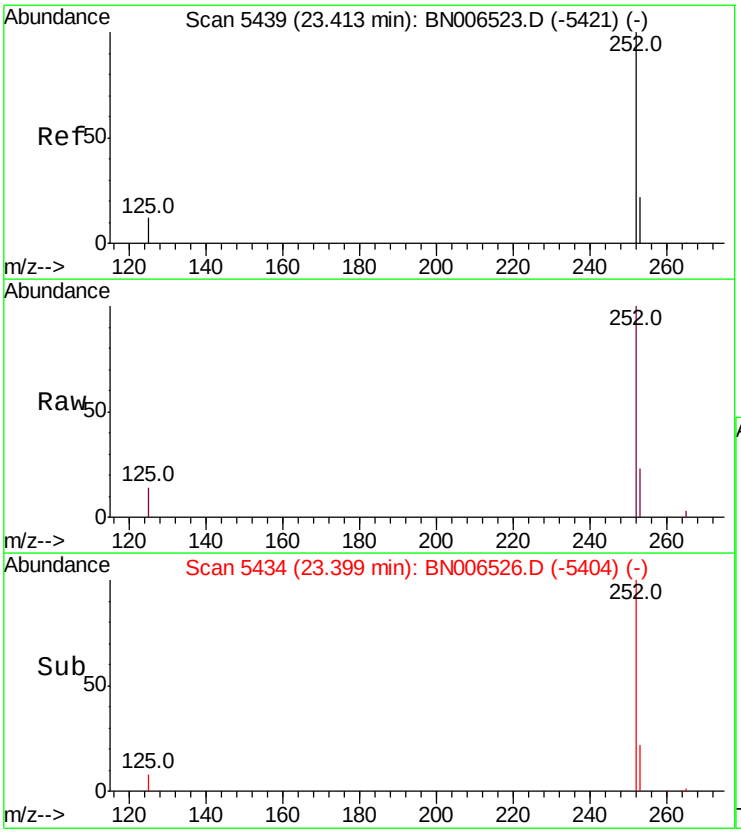
Tgt Ion:252 Resp: 35233

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.3	30.5
125	13.6	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

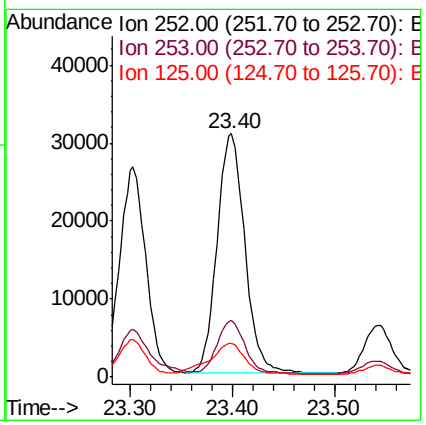


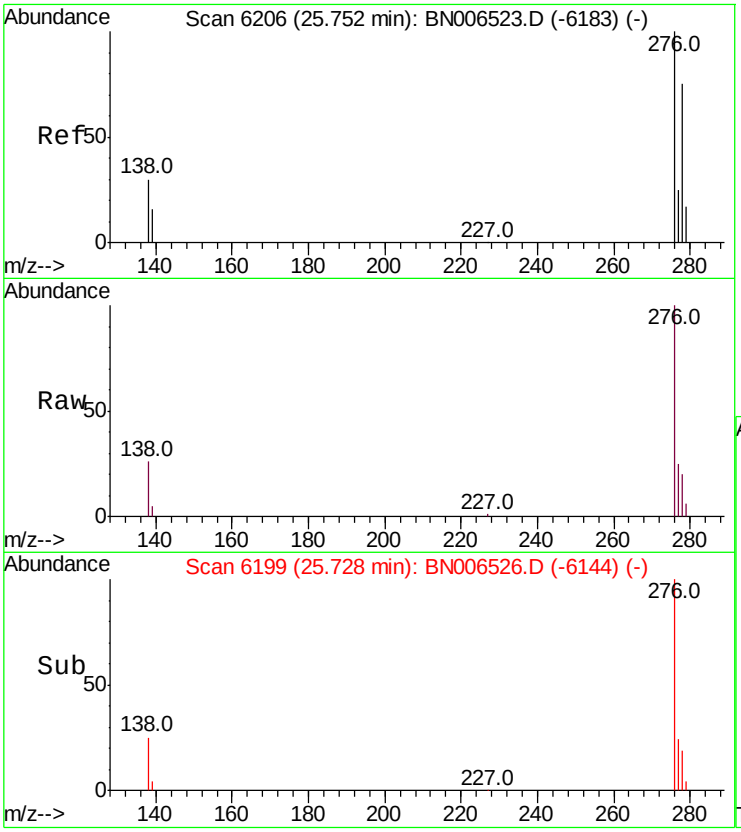


#23
Benzo(a)pyrene
Concen: 1.524 ng/ul
RT: 23.40 min Scan# 5434
Delta R.T. -0.01 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:252 Resp: 58131

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.1	31.7
125	13.9	20.3	30.5#





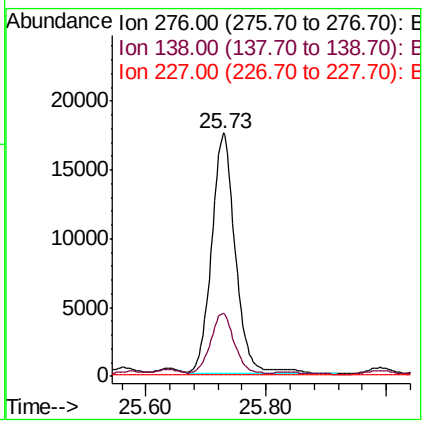
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.172 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.02 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

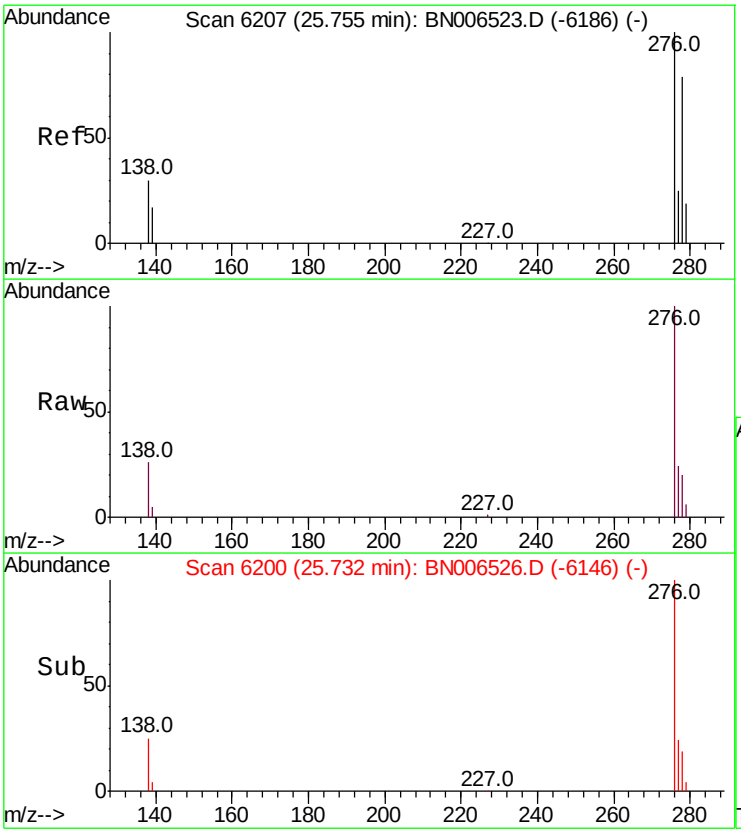
Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM

Tgt Ion:276 Resp: 48369

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.6	38.4#
227	0.1	0.3	0.5#

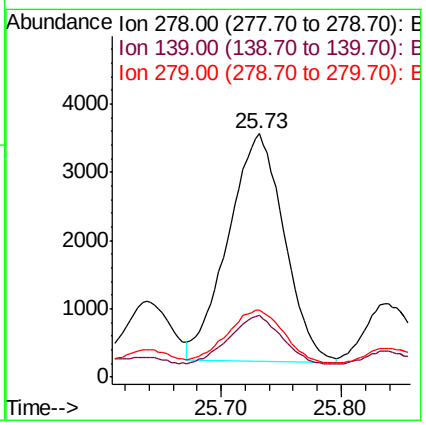


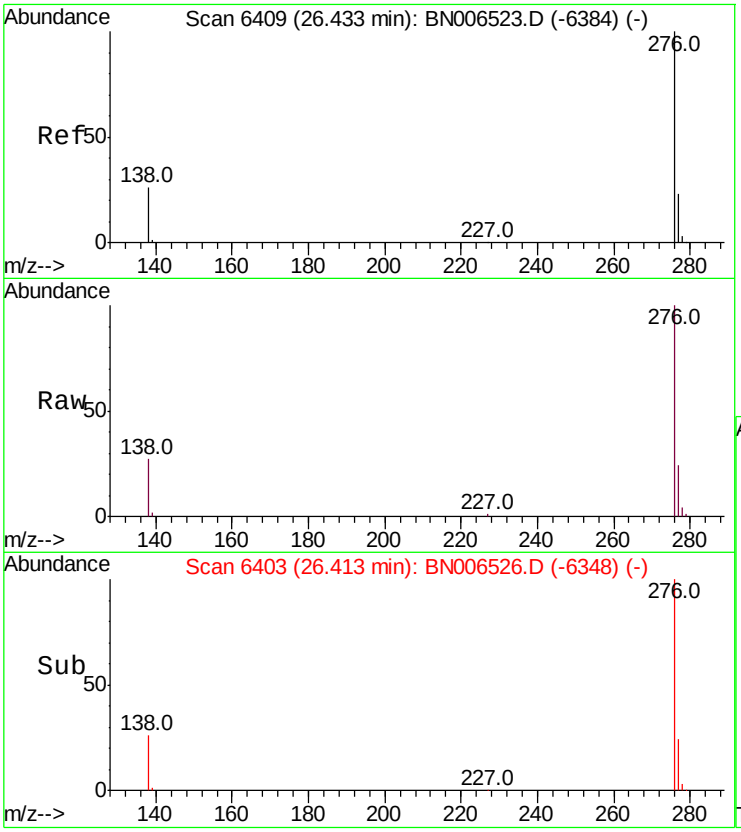


#25
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.02 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:278 Resp: 10841

Ion	Ratio	Lower	Upper
278	100		
139	25.4	21.2	31.8
279	27.3	22.6	33.8

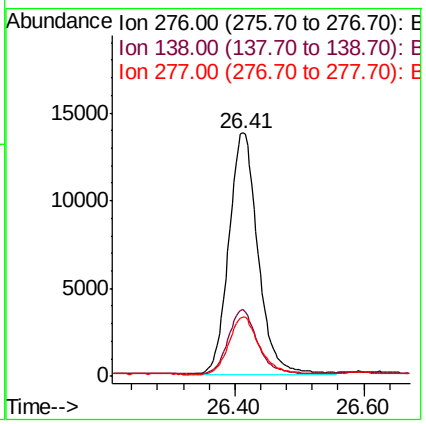




#26
Benzo(g,h,i)perylene
Concen: 1.242 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. -0.02 min
Lab File: BN006526.D
Acq: 24 Jun 2019 12:05

Tgt Ion:276 Resp: 42933

Ion	Ratio	Lower	Upper
276	100		
138	27.3	24.2	36.4
277	24.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A4202MS

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:49 PM