Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006570.D
Acq On : 25 Jun 2019 14:32
Operator : HP/JU
Sample : K3362-18MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM

Quant Time: Jun 25 15:06:10 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	8686	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15767	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	8639	0.40	ng/ul	0.03
20) Perylene-d12	23.54	264	9861	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5857	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9571	0.23	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.34	153	8419	0.251	ng/ul	99
11) Pentachlorophenol	16.73	266	291	0.073	ng/ul#	87
12) Phenanthrene	17.08	178	1852	0.037	ng/ul#	87
15) Fluoranthene	19.11	202	4043	0.072	ng/ul	92
17) Pyrene	19.48	202	16599	0.365	ng/ul	99
18) Benzo(a)anthracene	21.27	228	1303	0.034	ng/ul#	87
19) Chrysene	21.32	228	1519	0.042	ng/ul#	86
21) Benzo(b)fluoranthene	22.87	252	2370m	0.058	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	1083m	0.027	ng/ul	
23) Benzo(a)pyrene	23.45	252	1265	0.033	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.79	276	1111	0.027	ng/ul#	96
26) Benzo(g,h,i)perylene	26.48	276	914	0.026	ng/ul#	58

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

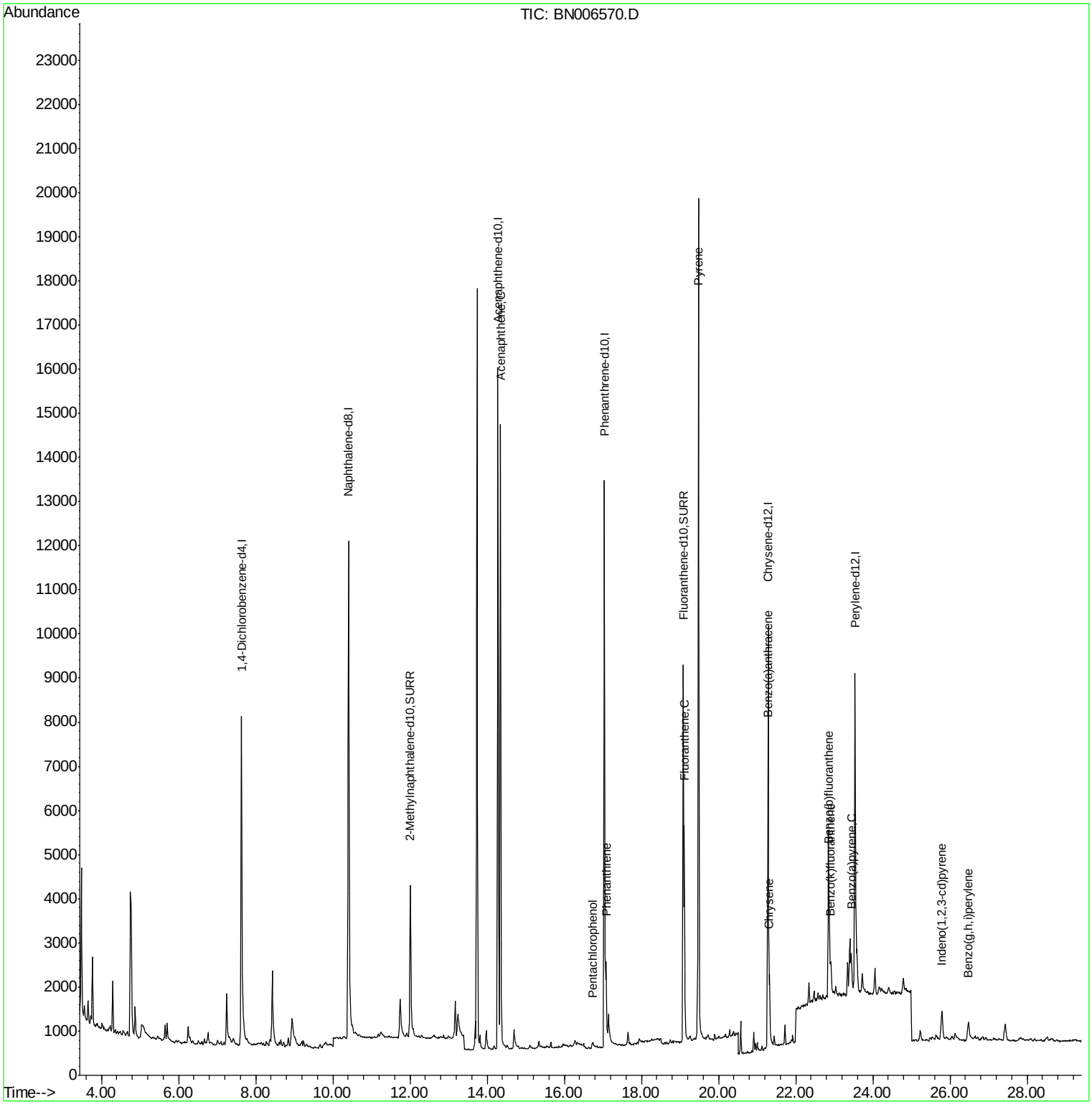
Quantitation Report (QT Reviewed)

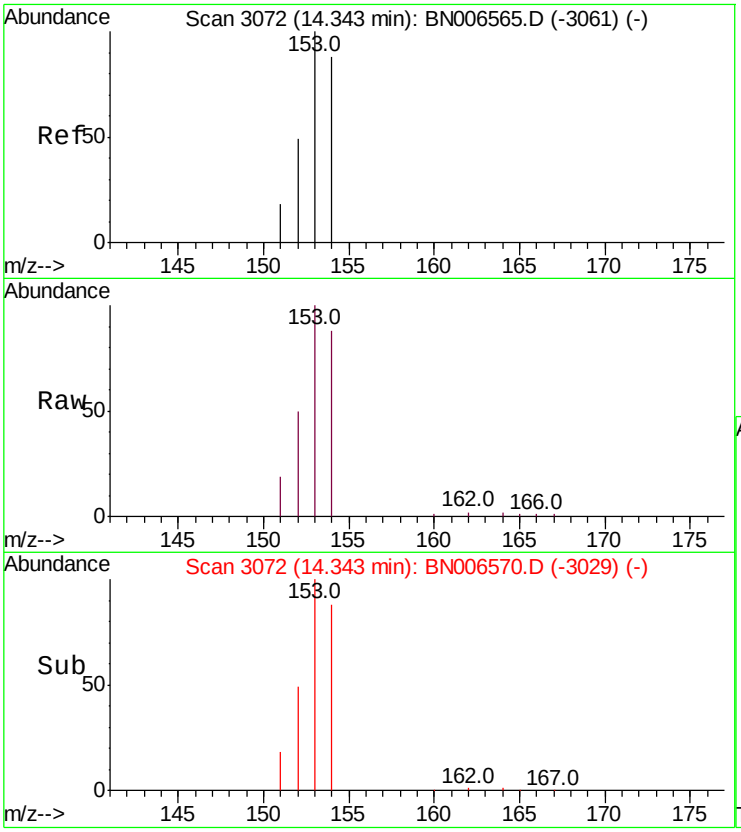
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006570.D
Acq On : 25 Jun 2019 14:32
Operator : HP/JU
Sample : K3362-18MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Jun 25 15:06:10 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM





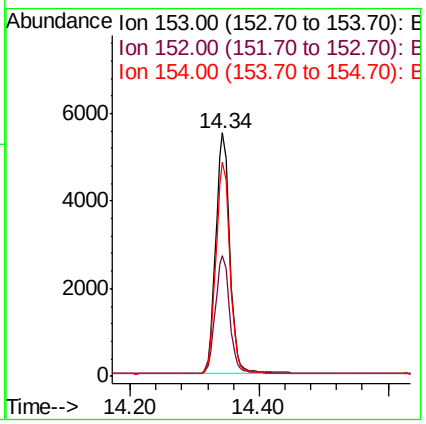
#8
Acenaphthene
Concen: 0.251 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

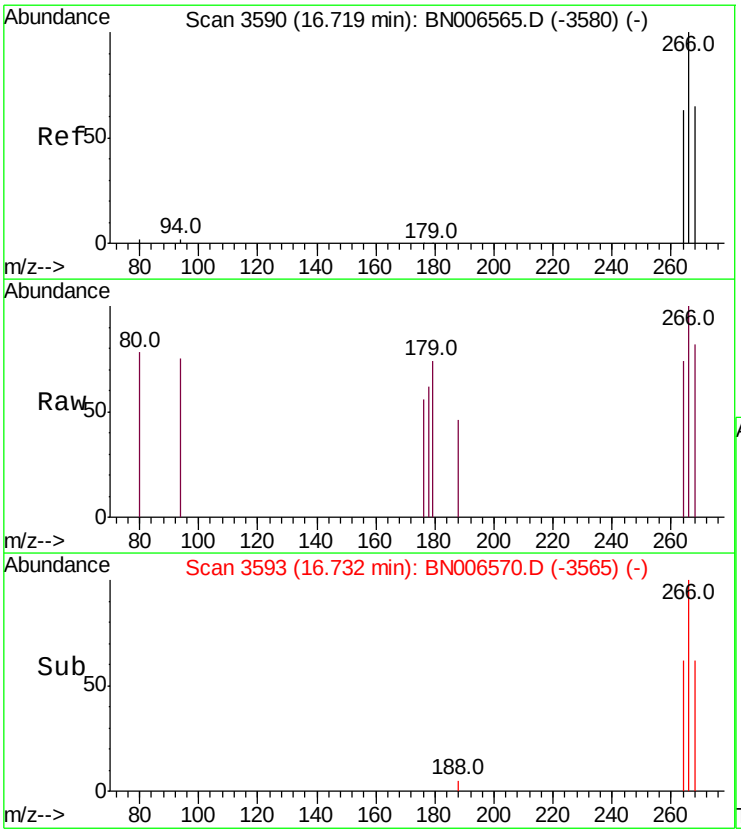
Tgt Ion:153 Resp: 8419

Ion	Ratio	Lower	Upper
153	100		
152	49.8	39.1	58.7
154	88.1	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM

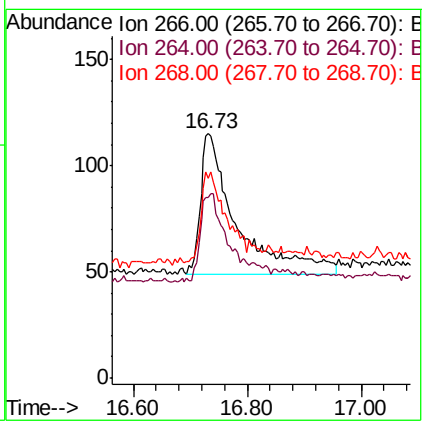


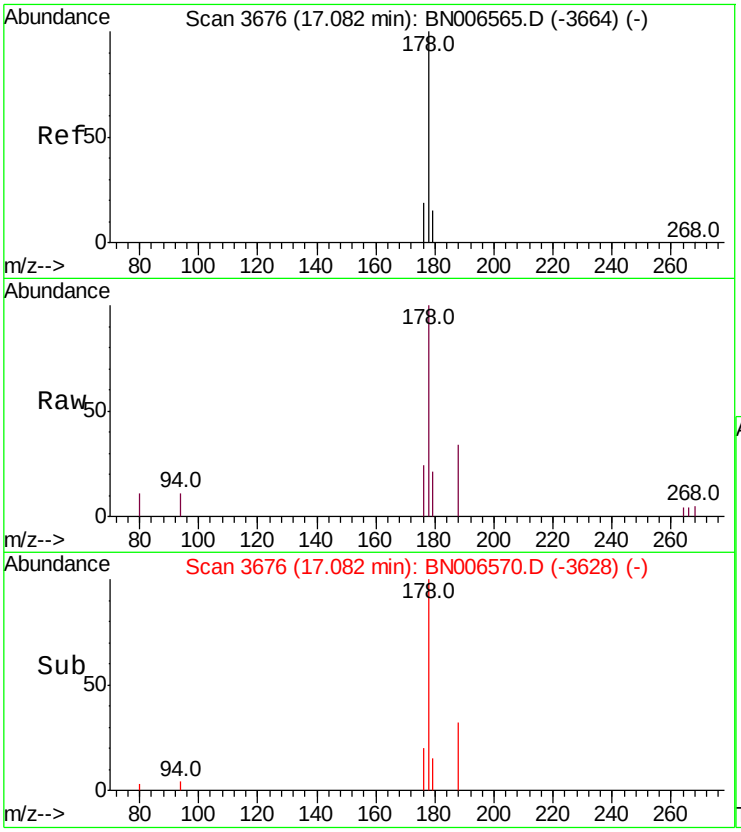


#11
Pentachlorophenol
Concen: 0.073 ng/ul
RT: 16.73 min Scan# 3593
Delta R.T. 0.02 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

Tgt Ion:266 Resp: 291

Ion	Ratio	Lower	Upper
266	100		
264	57.4	50.3	75.5
268	50.2	51.3	76.9#





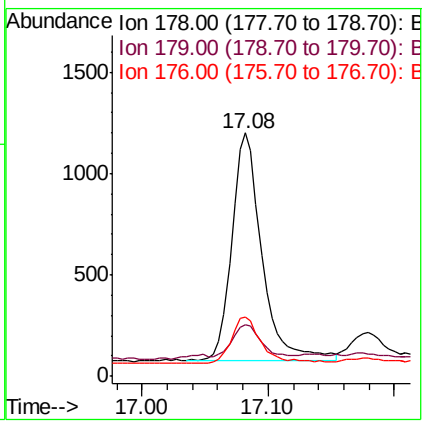
#12
Phenanthrene
Concen: 0.037 ng/ul
RT: 17.08 min Scan# 3676
Delta R.T. 0.00 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

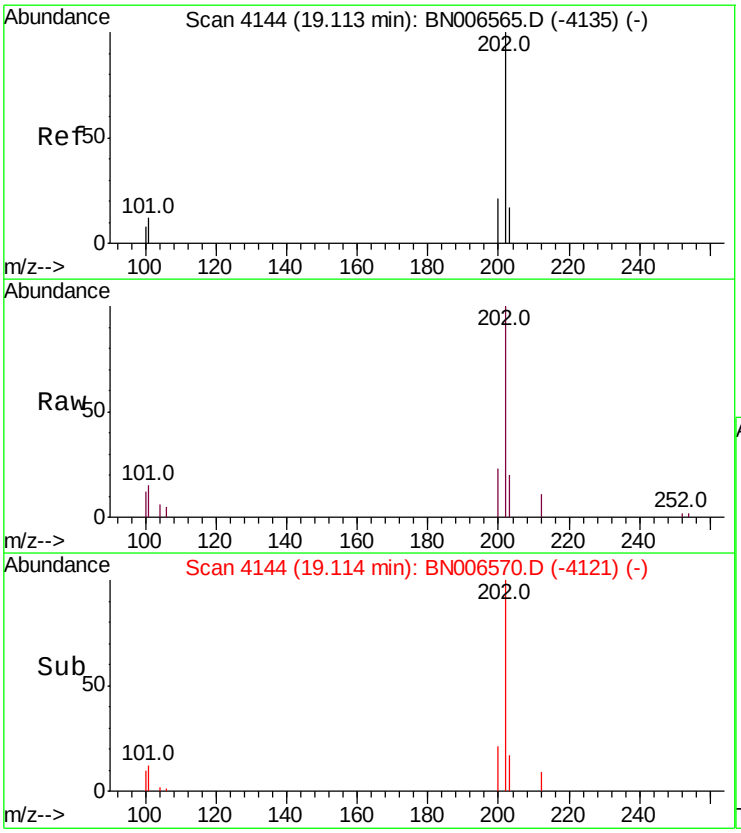
Tgt Ion:178 Resp: 1852

Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.3	18.5#
176	24.4	15.3	22.9#

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM

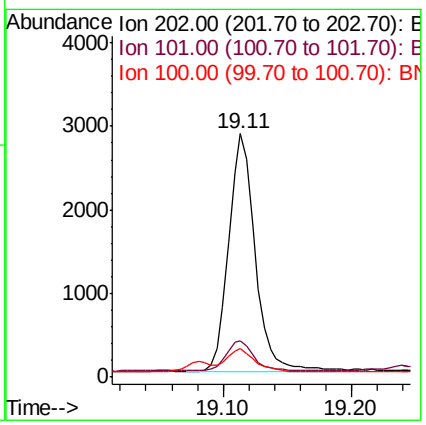


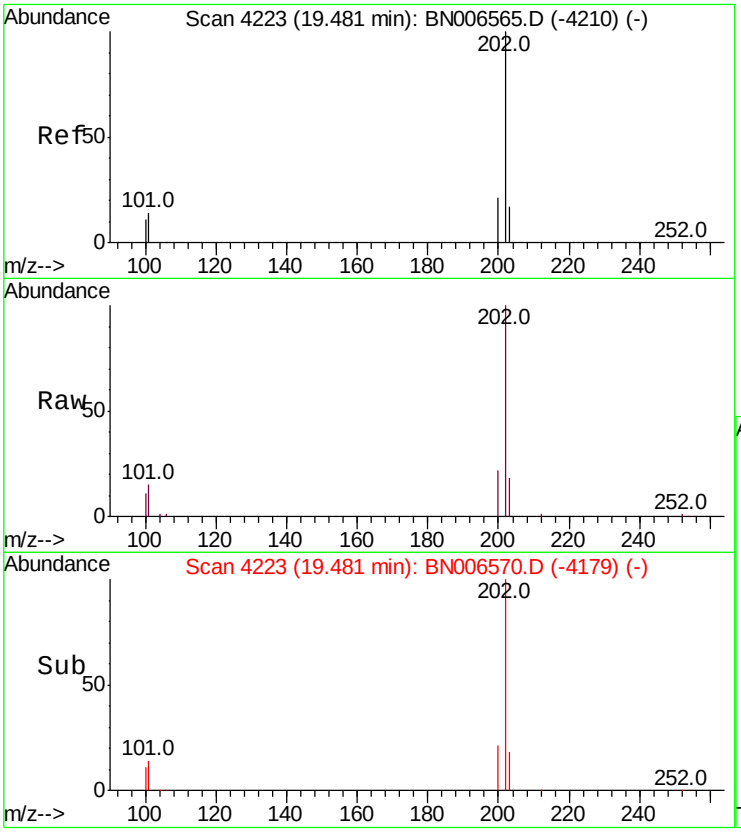


#15
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.11 min Scan# 4144
Delta R.T. 0.00 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

Tgt Ion:202 Resp: 4043

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	32.1
100	11.7	0.0	28.7





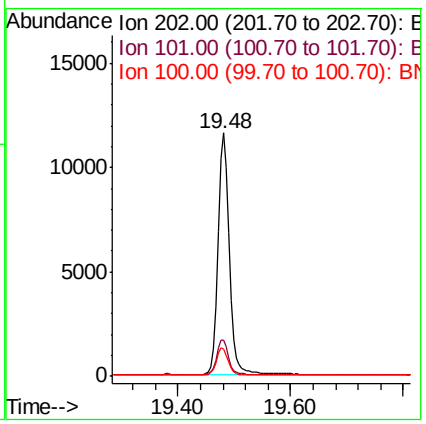
#17
Pyrene
Concen: 0.365 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. 0.00 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

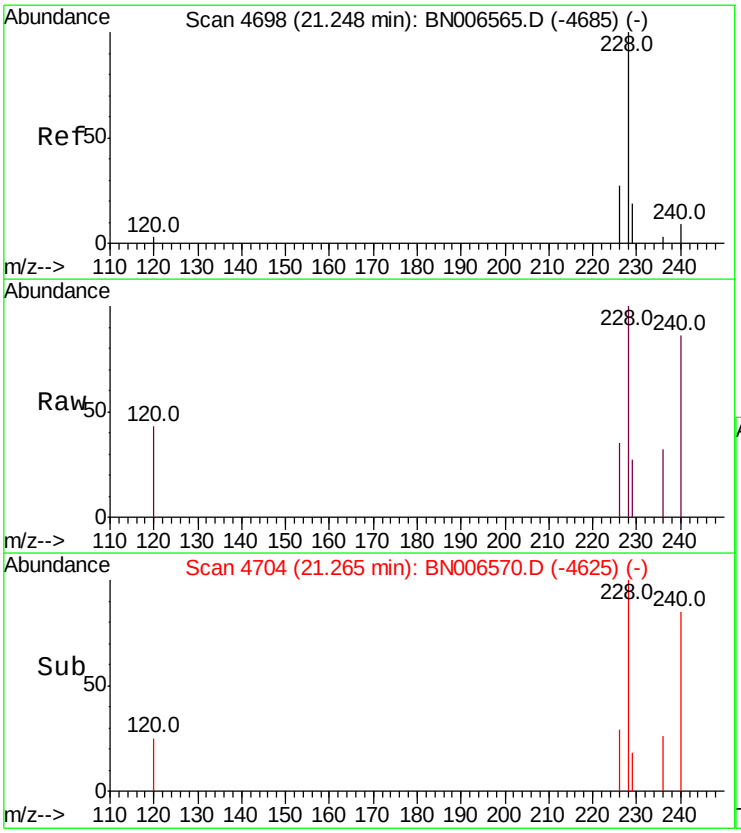
Tgt Ion:202 Resp: 16599

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.2
100	11.5	9.8	14.6

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM

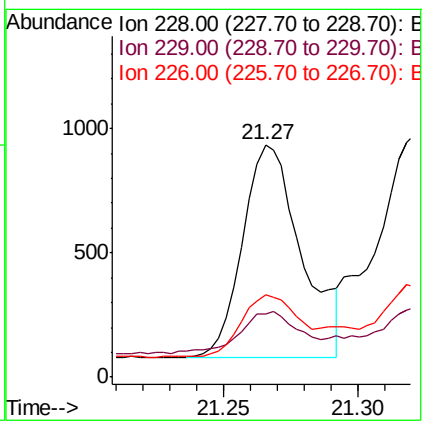


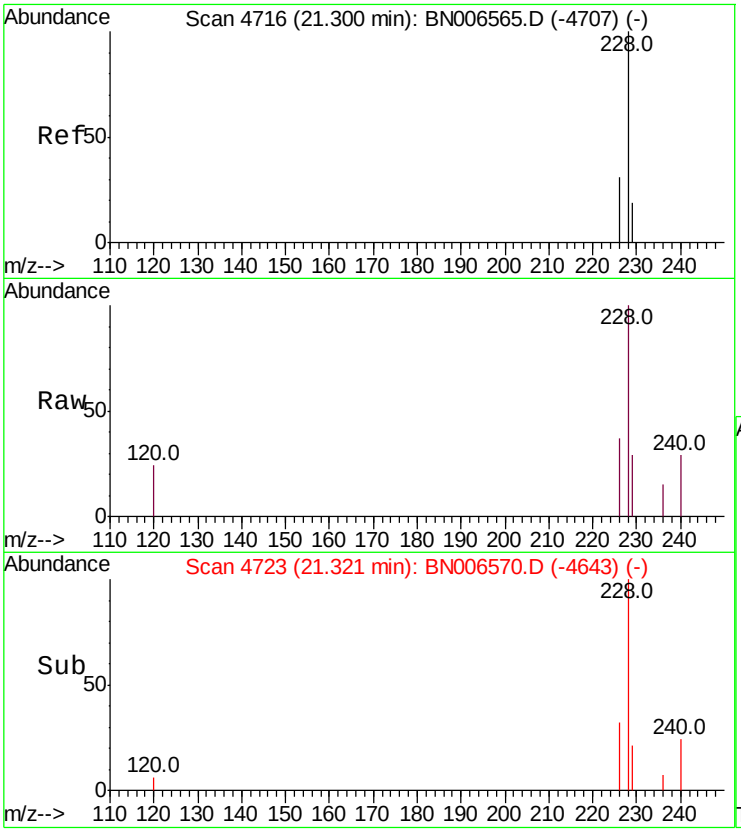


#18
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.03 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

Tgt Ion:228 Resp: 1303

Ion	Ratio	Lower	Upper
228	100		
229	27.4	16.5	24.7#
226	35.3	22.8	34.2#





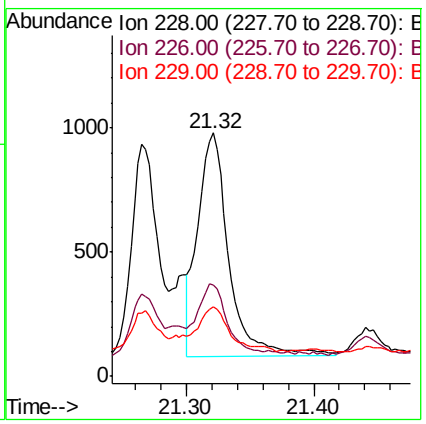
#19
Chrysene
Concen: 0.042 ng/ul
RT: 21.32 min Scan# 4723
Delta R.T. 0.03 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

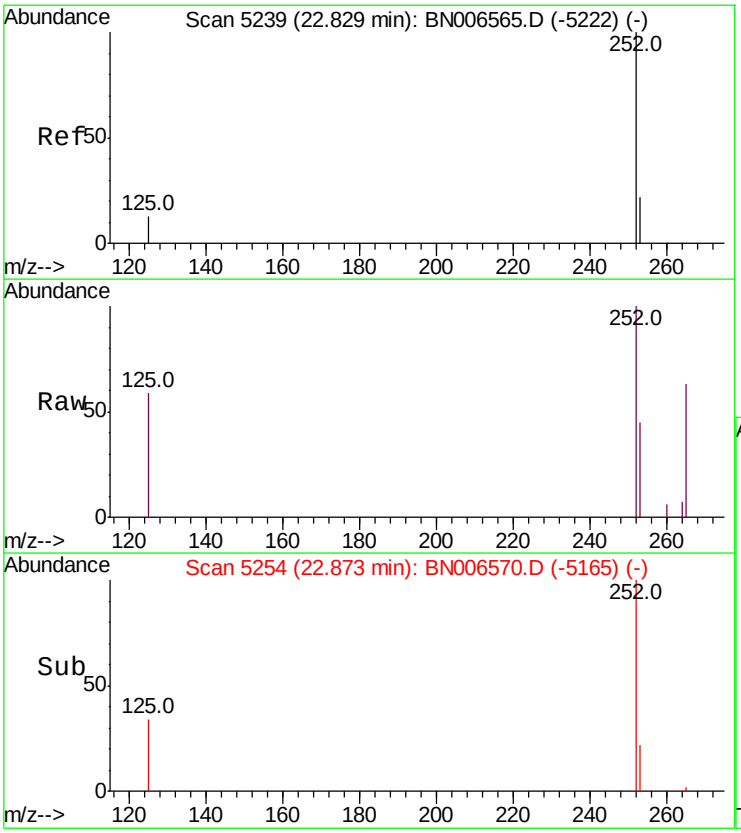
Tgt Ion:228 Resp: 1519

Ion	Ratio	Lower	Upper
228	100		
226	37.4	25.0	37.6
229	28.8	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM

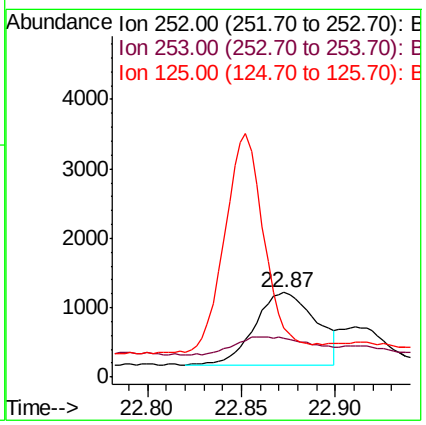


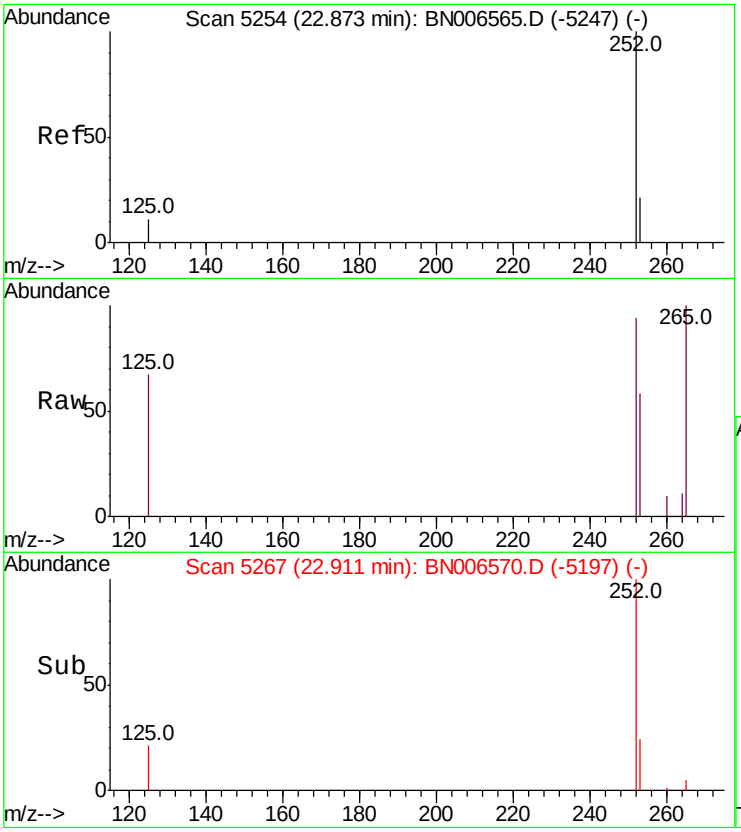


#21
Benzo(b)fluoranthene
Concen: 0.058 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. 0.06 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

Tgt Ion:252 Resp: 2370

Ion	Ratio	Lower	Upper
252	100		
253	45.4	0.0	51.4
125	58.6	0.0	41.0#





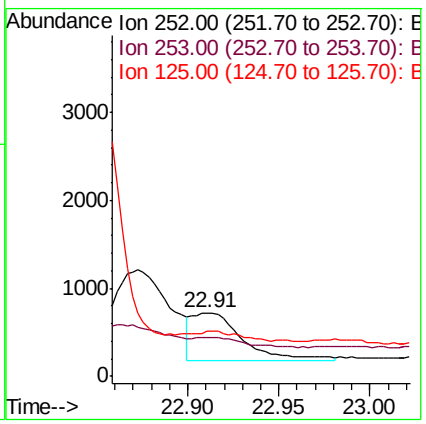
#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.91 min Scan# 5267
Delta R.T. 0.06 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

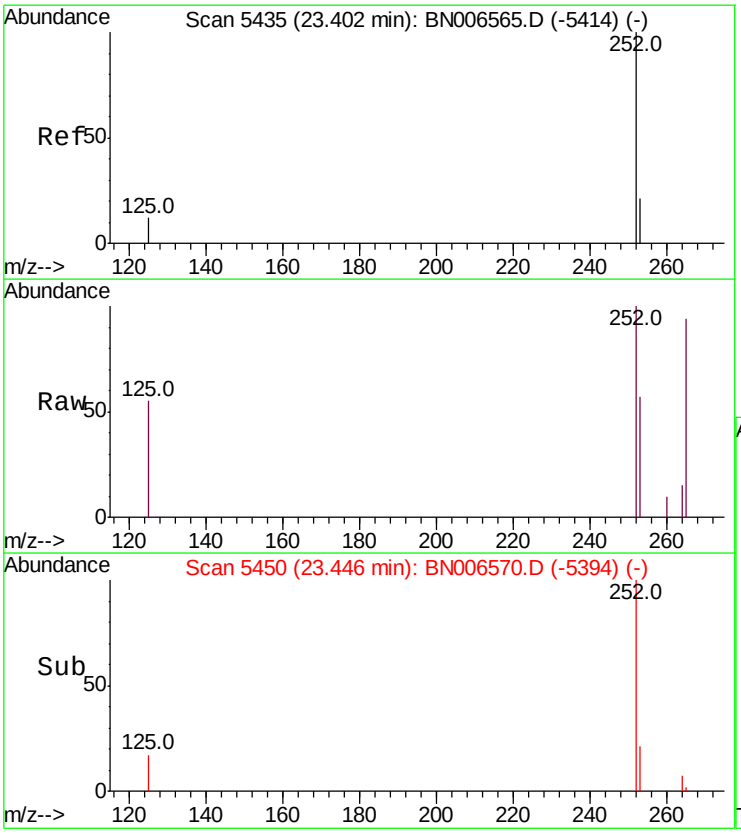
Tgt Ion:252 Resp: 1083

Ion	Ratio	Lower	Upper
252	100		
253	61.3	20.3	30.5#
125	70.8	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM

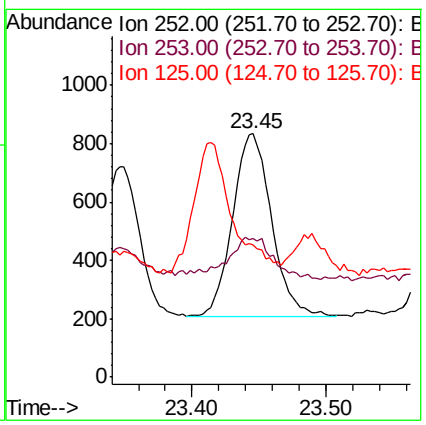


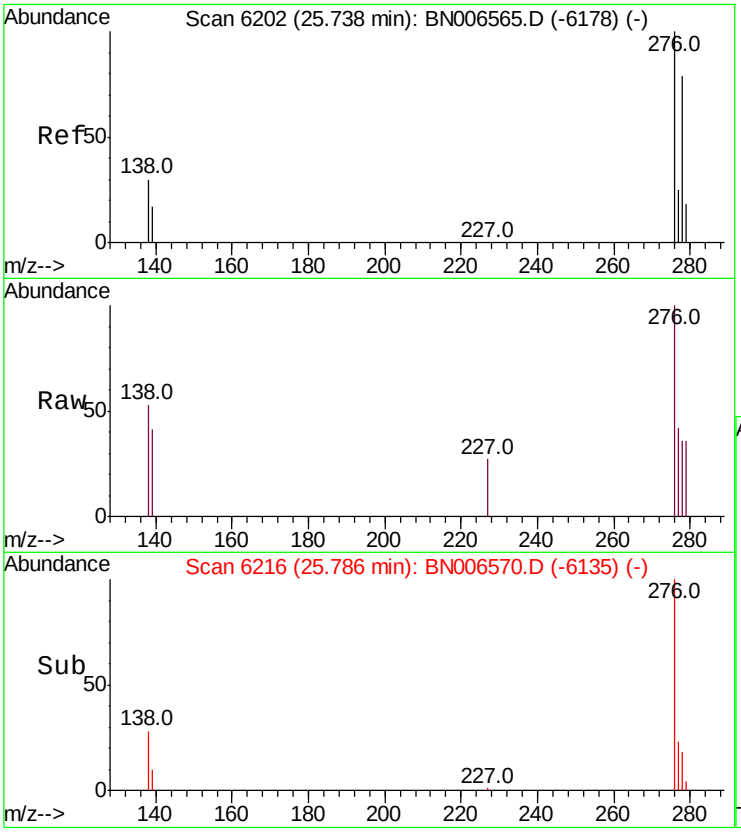


#23
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.45 min Scan# 5450
Delta R.T. 0.06 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

Tgt Ion:252 Resp: 1265

Ion	Ratio	Lower	Upper
252	100		
253	56.8	21.1	31.7#
125	54.6	20.3	30.5#





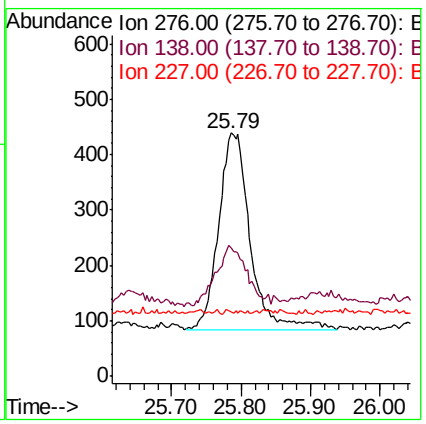
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 25.79 min Scan# 6216
Delta R.T. 0.07 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

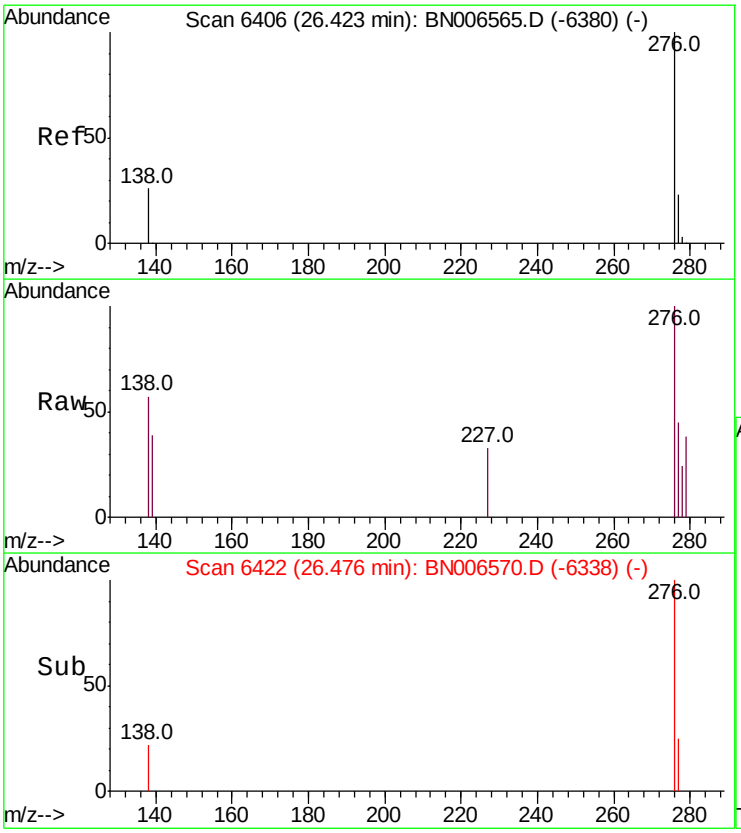
Tgt Ion:276 Resp: 1111

Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.6	38.4
227	0.6	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A4210MS

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:08 PM





#26
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 26.48 min Scan# 6422
Delta R.T. 0.08 min
Lab File: BN006570.D
Acq: 25 Jun 2019 14:32

Tgt Ion:276 Resp: 914

Ion	Ratio	Lower	Upper
276	100		
138	56.8	24.2	36.4#
277	44.8	21.5	32.3#