Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007446.D
Acq On : 27 Aug 2019 23:42
Operator : HP/JU
Sample : K4337-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM

Quant Time: Aug 28 00:36:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5292	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22626	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	12751	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	25844m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21584m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	26569	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	14781	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	35872m	0.43	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	2925	0.046	ng/ul#	84
7) Acenaphthylene	13.76	152	3336	0.047	ng/ul#	82
8) Acenaphthene	14.11	153	6421	0.126	ng/ul	98
9) Fluorene	15.11	166	6237	0.113	ng/ul#	88
11) Pentachlorophenol	16.46	266	1365429m	234.521	ng/ul	
12) Phenanthrene	16.84	178	2469m	0.031	ng/ul	
13) Anthracene	16.93	178	47669m	0.627	ng/ul	
15) Fluoranthene	18.87	202	3317m	0.031	ng/ul	
17) Pyrene	19.24	202	15476m	0.147	ng/ul	
18) Benzo(a)anthracene	21.00	228	2986m	0.031	ng/ul	

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

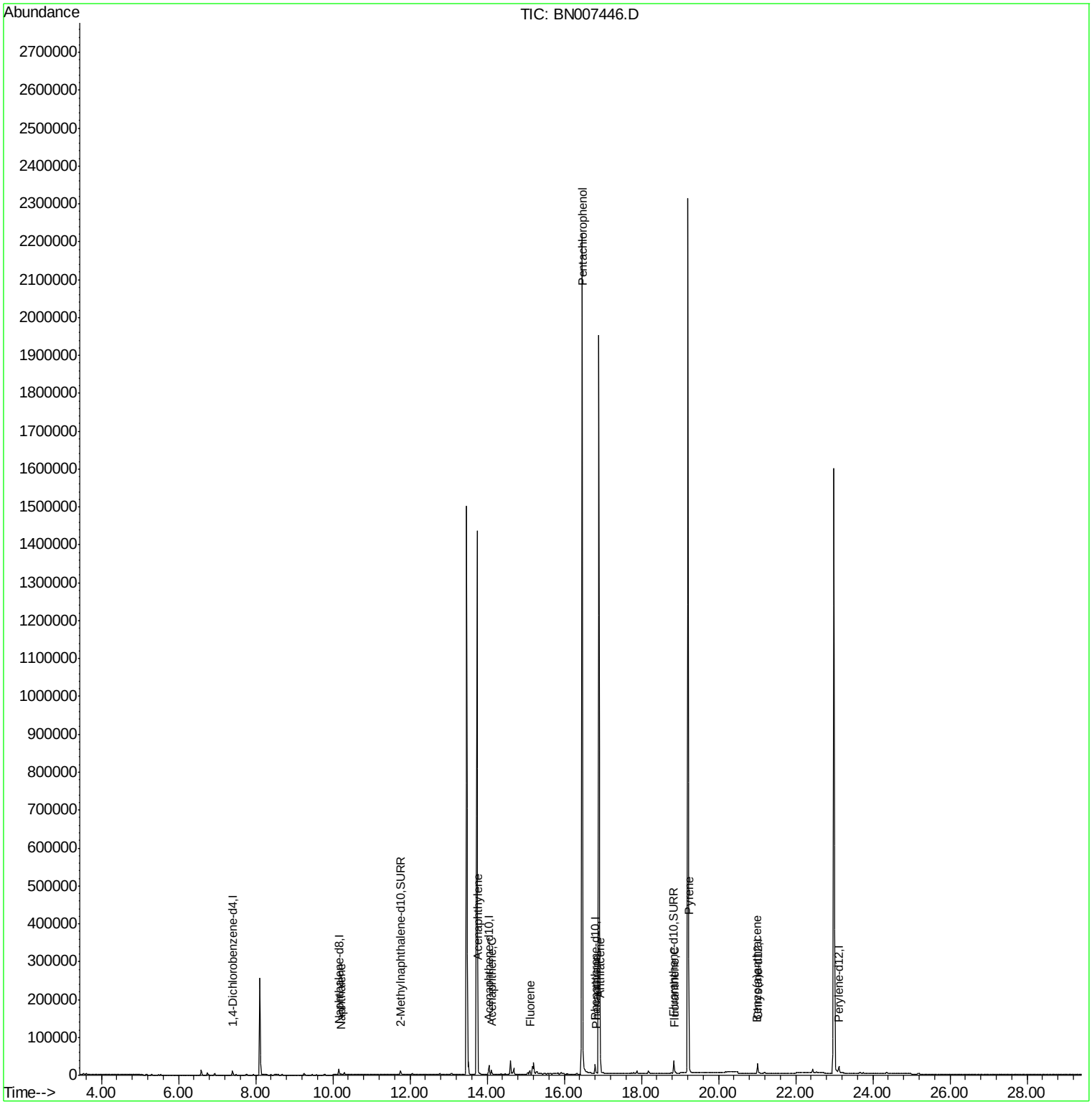
Quantitation Report (QT Reviewed)

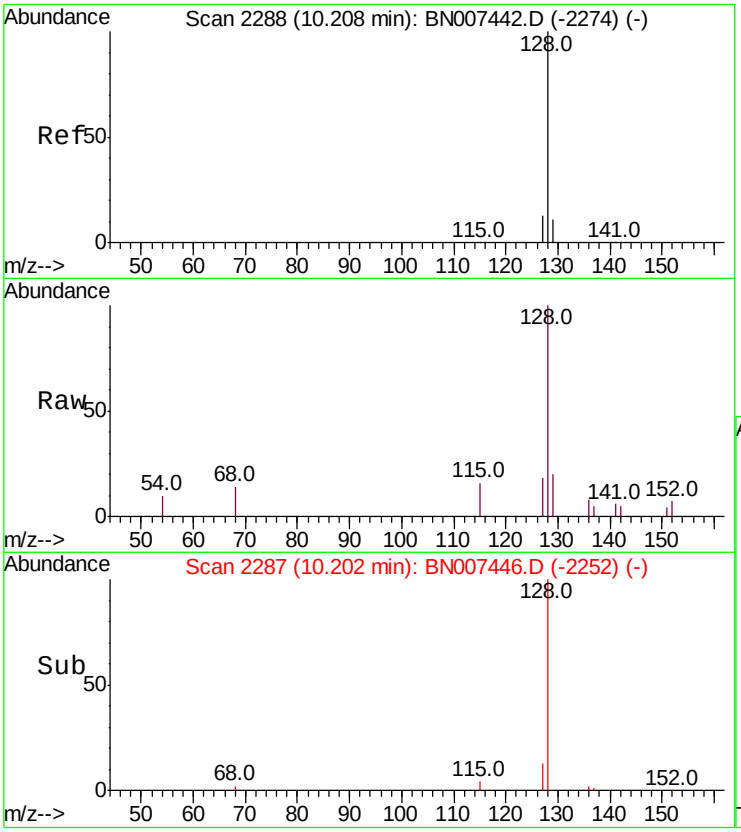
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007446.D
Acq On : 27 Aug 2019 23:42
Operator : HP/JU
Sample : K4337-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 28 00:36:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM





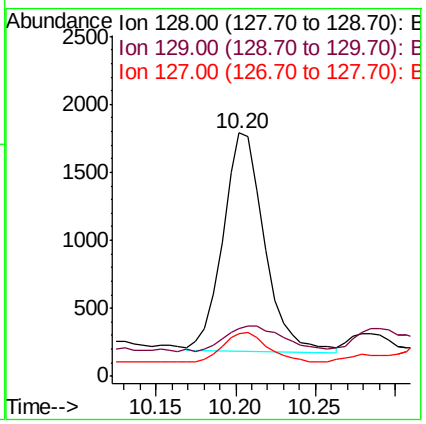
#3
Naphthalene
Concen: 0.046 ng/ul
RT: 10.20 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

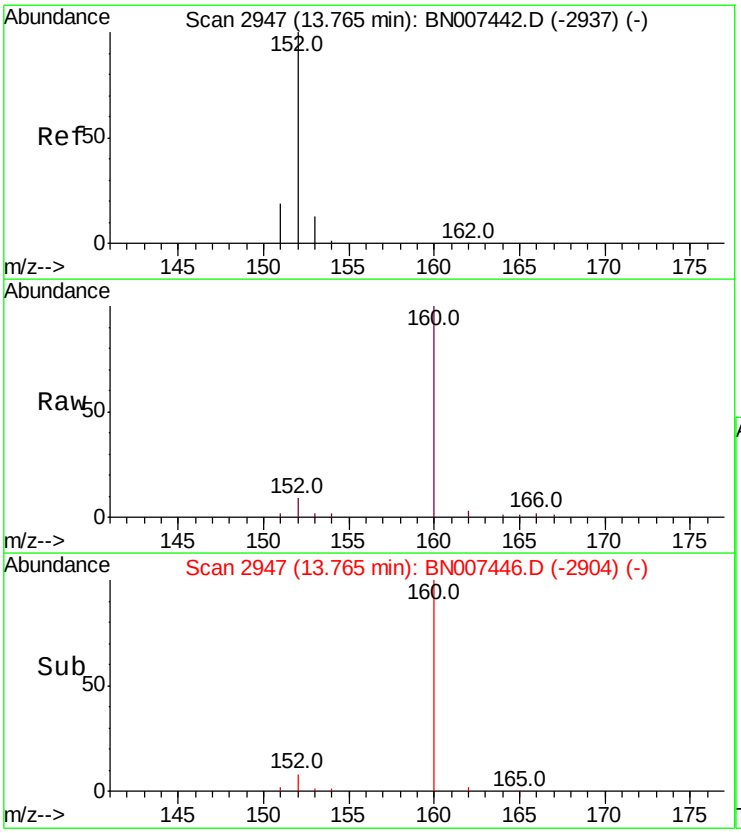
Tgt Ion:128 Resp: 2925

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.2	13.8#
127	17.8	10.4	15.6#

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM

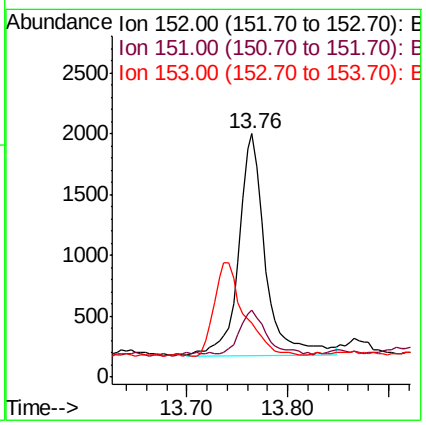


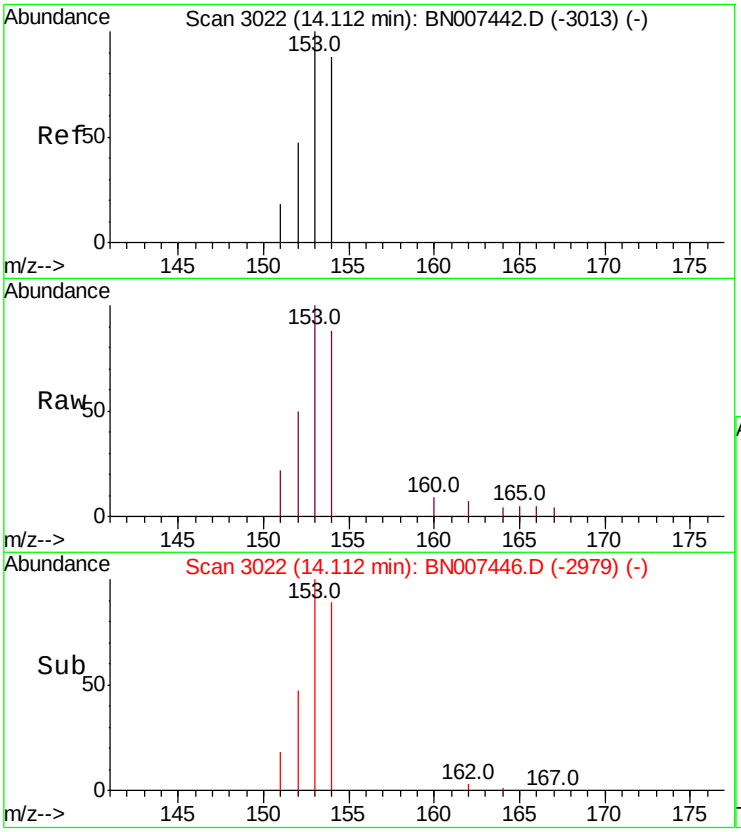


#7
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.76 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

Tgt Ion:152 Resp: 3336

Ion	Ratio	Lower	Upper
152	100		
151	27.3	15.8	23.6#
153	22.0	10.8	16.2#





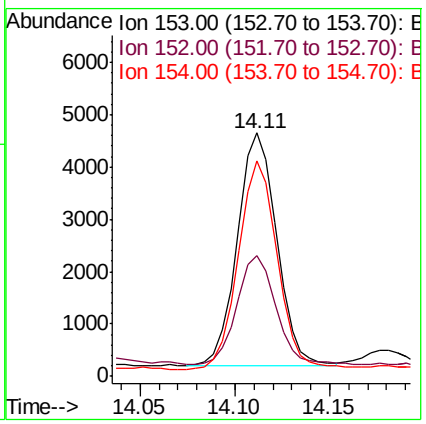
#8
Acenaphthene
Concen: 0.126 ng/ul
RT: 14.11 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

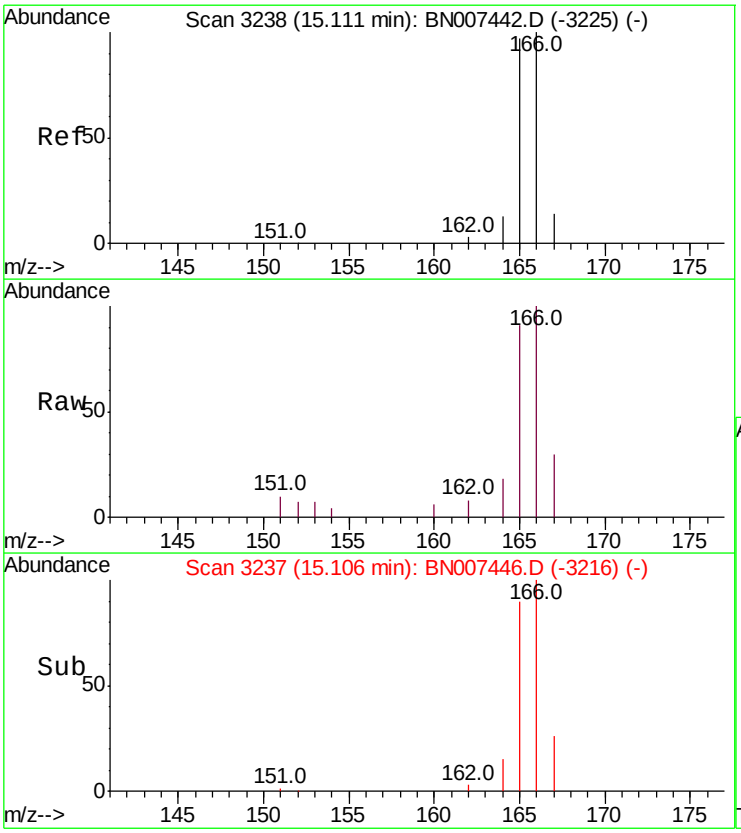
Tgt Ion:153 Resp: 6421

Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.1	58.7
154	88.5	69.4	104.2

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM

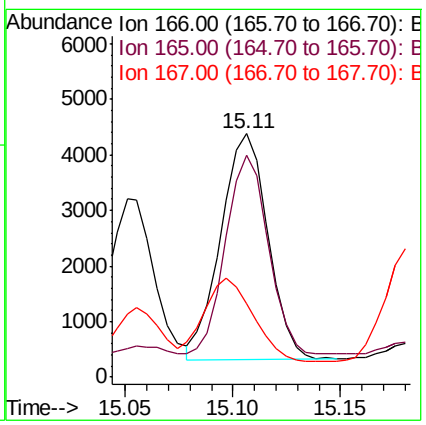


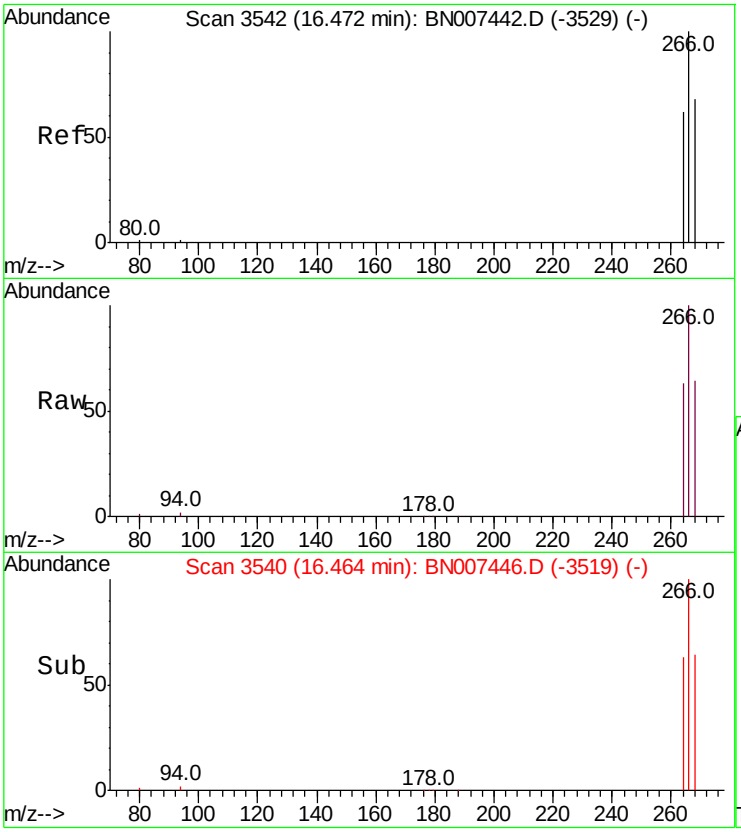


#9
Fluorene
Concen: 0.113 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

Tgt Ion:166 Resp: 6237

Ion	Ratio	Lower	Upper
166	100		
165	91.3	79.6	119.4
167	30.1	11.7	17.5#





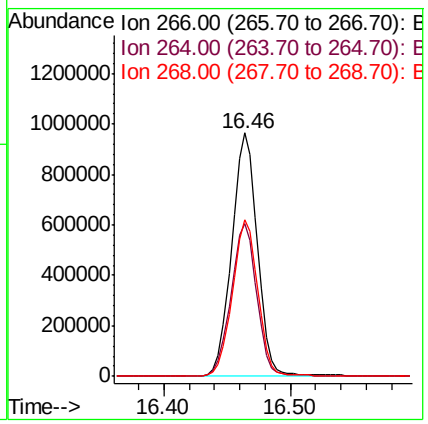
#11
Pentachlorophenol
Concen: 234.521 ng/ul m
RT: 16.46 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

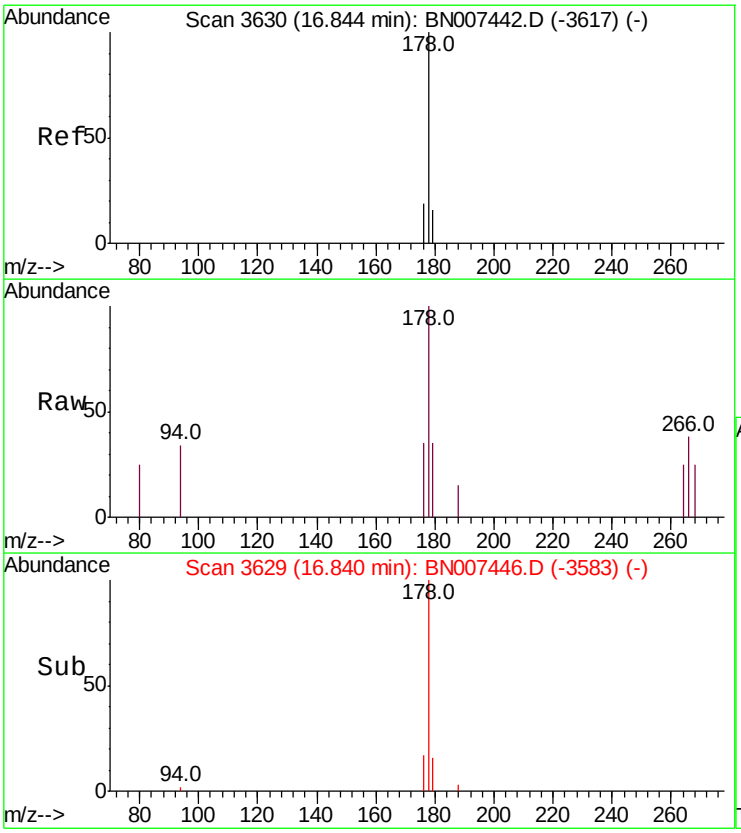
Tgt Ion:266 Resp: 1365429

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.0	73.6#
268	0.0	50.2	75.2#

Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM

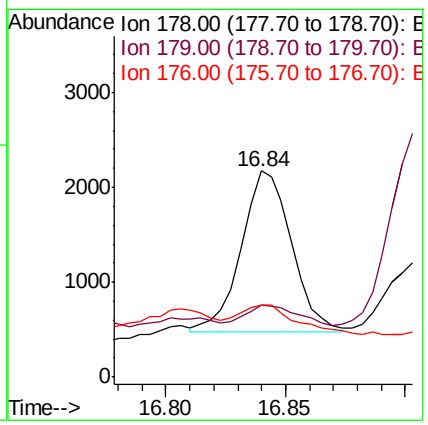


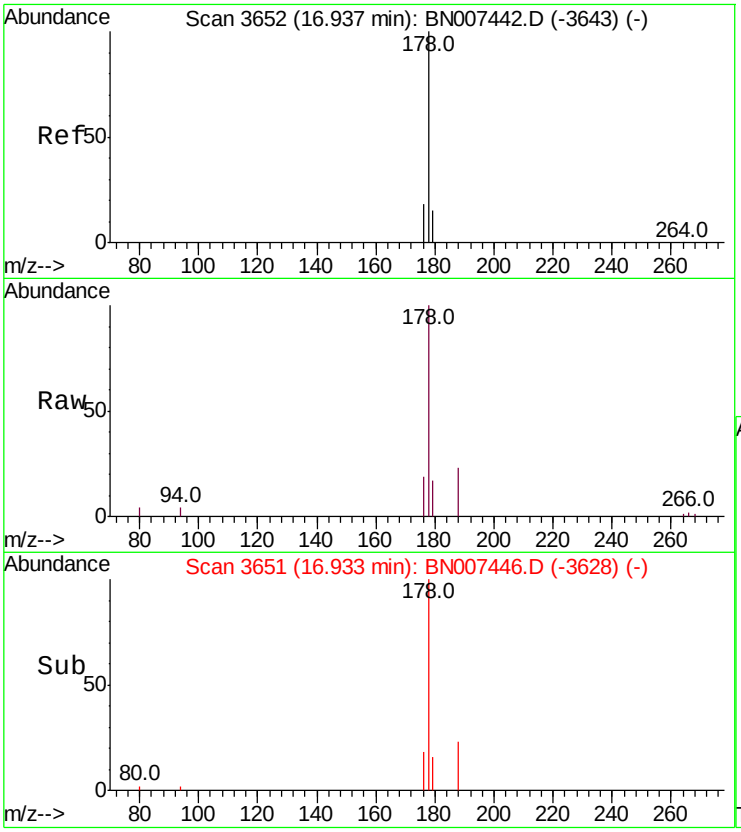


#12
Phenanthrene
Concen: 0.031 ng/ul m
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

Tgt Ion:178 Resp: 2469

Ion	Ratio	Lower	Upper
178	100		
179	35.2	12.8	19.2#
176	35.2	15.2	22.8#

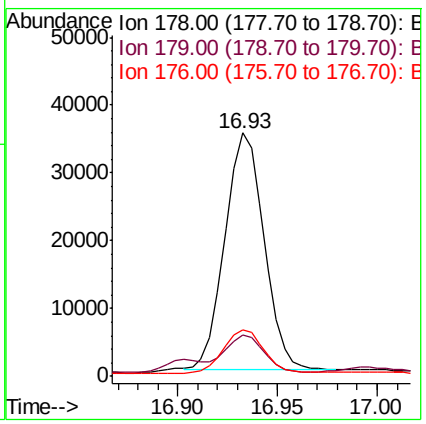




#13
Anthracene
Concen: 0.627 ng/ul m
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

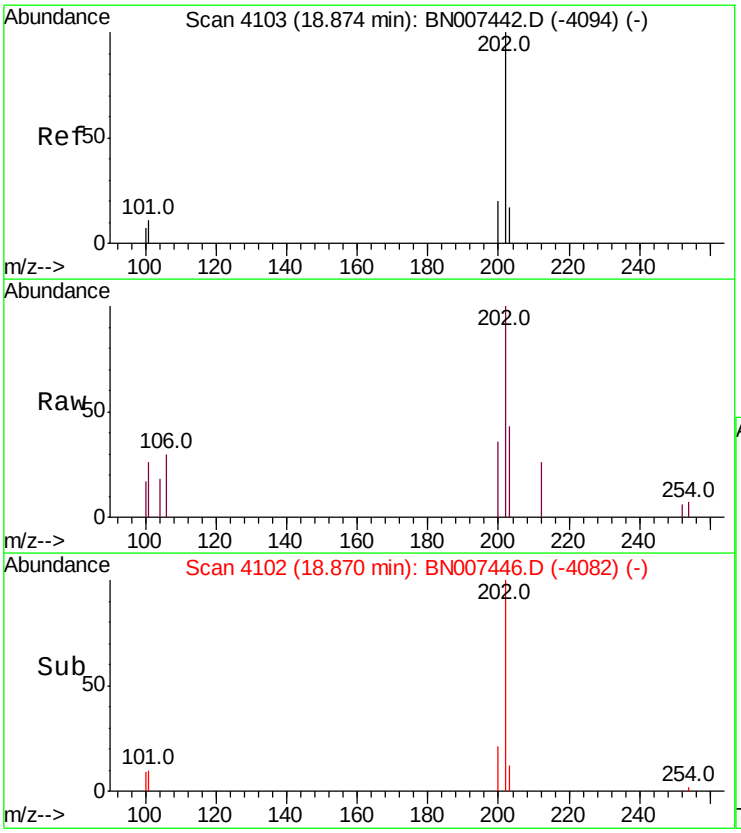
Tgt Ion:178 Resp: 47669

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.8	19.2
176	19.2	14.6	21.8



Instrument :
BNA_N
ClientSampleId :
C0AA6

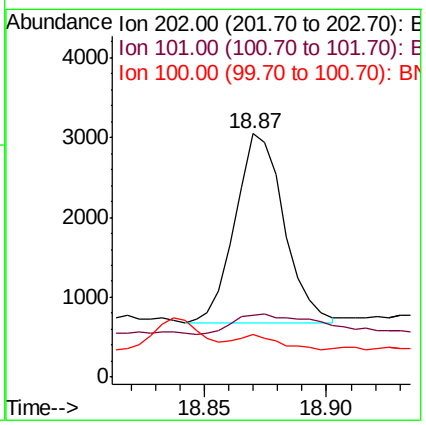
Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM

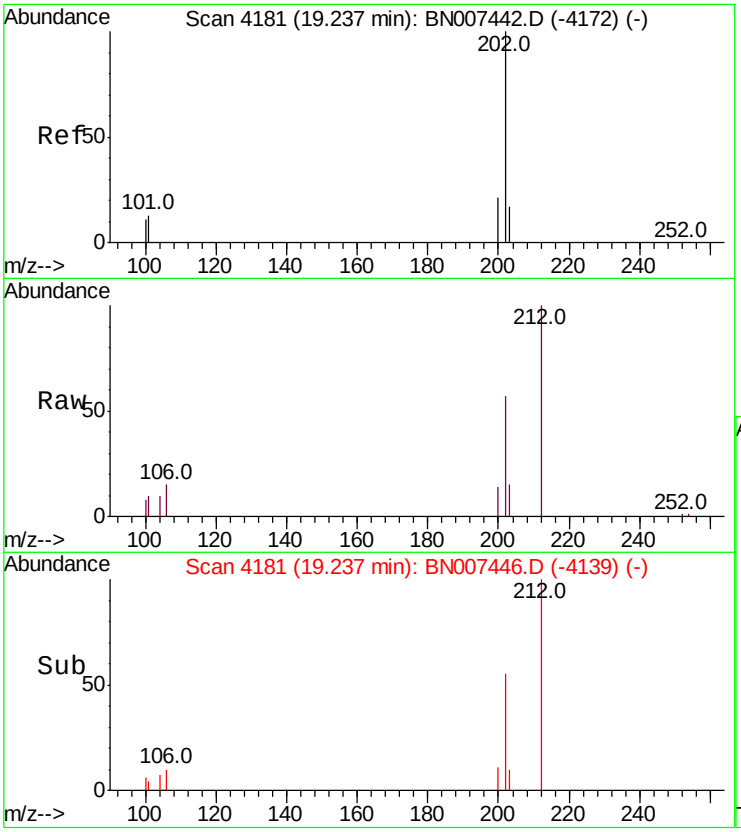


#15
Fluoranthene
Concen: 0.031 ng/ul m
RT: 18.87 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

Tgt Ion:202 Resp: 3317

Ion	Ratio	Lower	Upper
202	100		
101	25.6	0.0	31.3
100	17.3	0.0	28.5

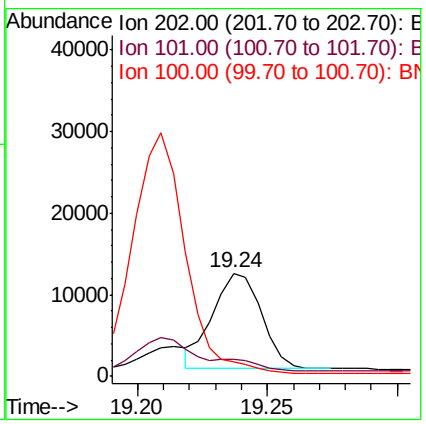




#17
Pyrene
Concen: 0.147 ng/ul m
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

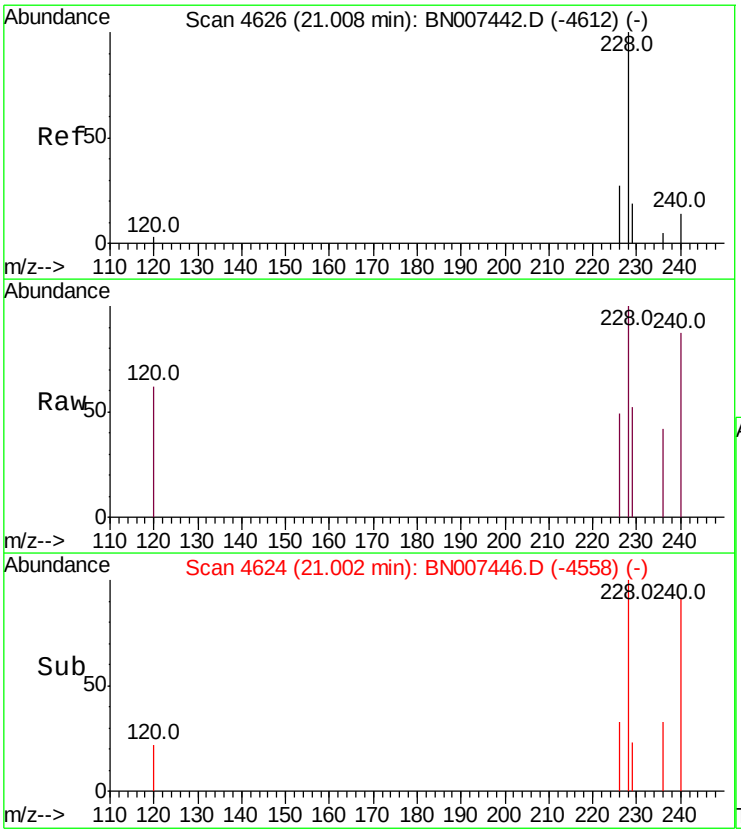
Tgt Ion:202 Resp: 15476

Ion	Ratio	Lower	Upper
202	100		
101	17.0	10.7	16.1#
100	14.0	8.6	12.8#



Instrument :
BNA_N
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/28/2019 7:48:08 AM



#18
Benzo(a)anthracene
Concen: 0.031 ng/ul m
RT: 21.00 min Scan# 4624
Delta R.T. -0.01 min
Lab File: BN007446.D
Acq: 27 Aug 2019 23:42

Tgt Ion:228 Resp: 2986

Ion	Ratio	Lower	Upper
228	100		
229	51.8	15.4	23.2#
226	49.3	22.0	33.0#