

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007478.D
 Acq On : 28 Aug 2019 21:00
 Operator : HP/JU
 Sample : K4373-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:50:59 AM

Quant Time: Aug 28 23:48:17 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	4717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	20679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	10672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	24158m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	19329m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	24681	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	6475	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	15625m	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	2489	0.043	ng/ul#	85
8) Acenaphthene	14.11	153	1806	0.042	ng/ul	96
9) Fluorene	15.11	166	6351	0.138	ng/ul	98
11) Pentachlorophenol	16.46	266	202m	0.037	ng/ul	
12) Phenanthrene	16.84	178	7344	0.097	ng/ul	93
13) Anthracene	16.93	178	2952m	0.042	ng/ul	
15) Fluoranthene	18.87	202	2897m	0.029	ng/ul	

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

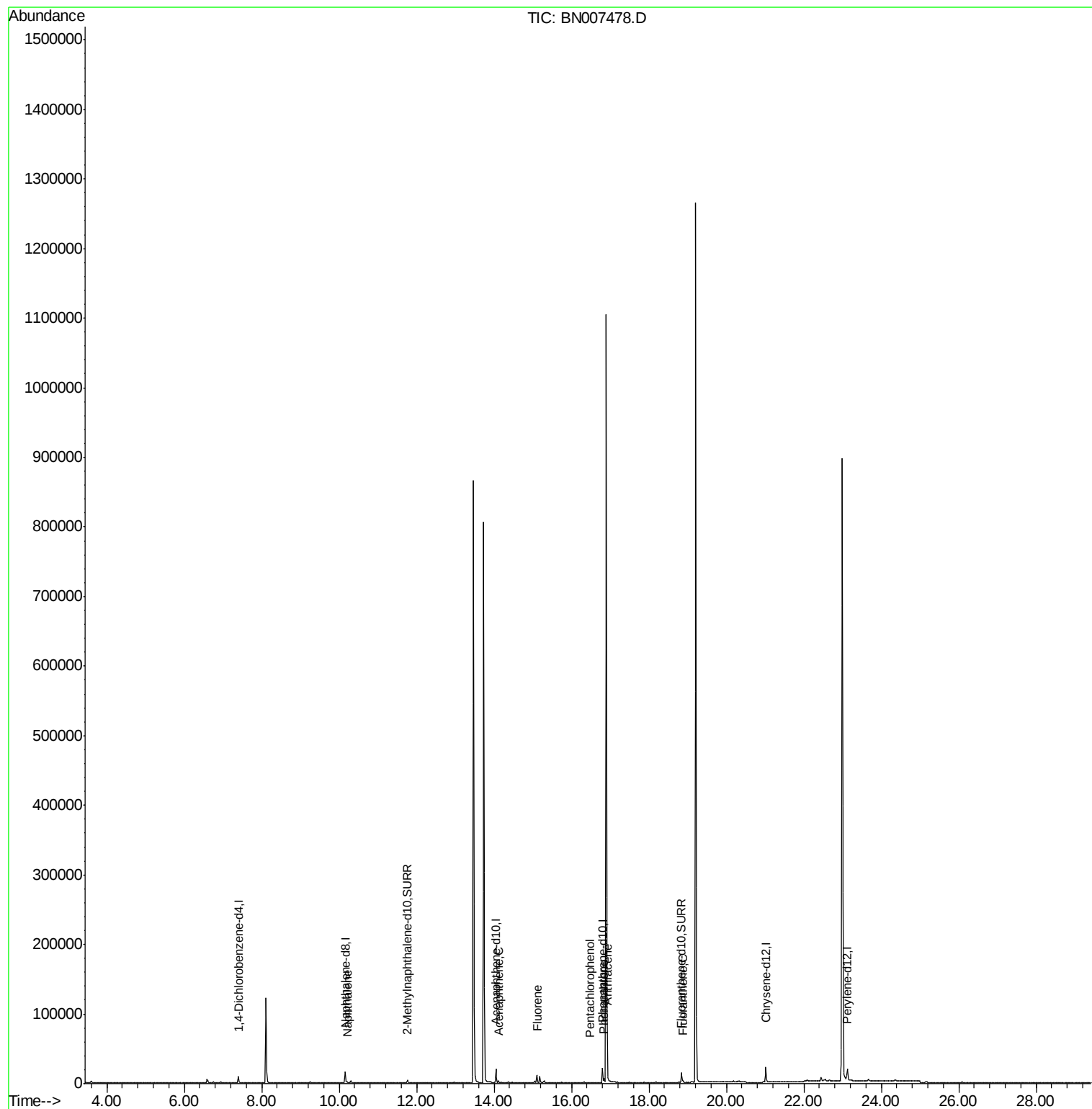
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007478.D
Acq On : 28 Aug 2019 21:00
Operator : HP/JU
Sample : K4373-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

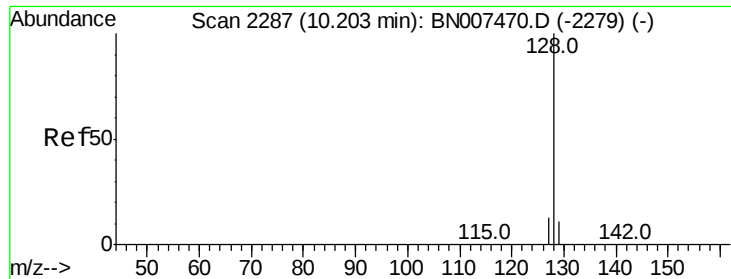
Instrument :
BNA_N
ClientSampleId :
C0AF4

Manual Integrations
APPROVED

mohammad
8/29/2019 7:50:59 AM

Quant Time: Aug 28 23:48:17 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





#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Instrument :

BNA_N

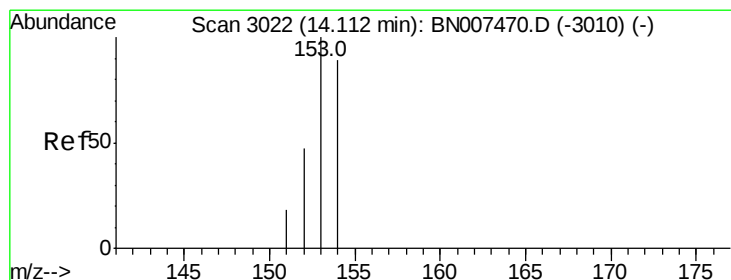
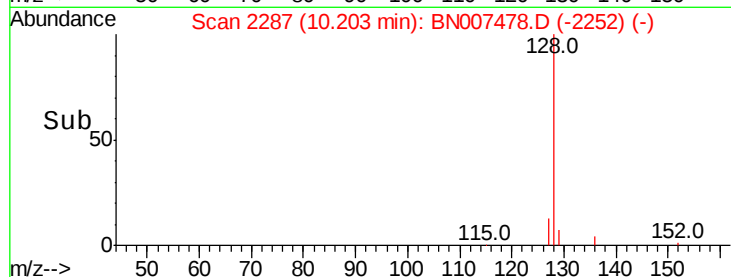
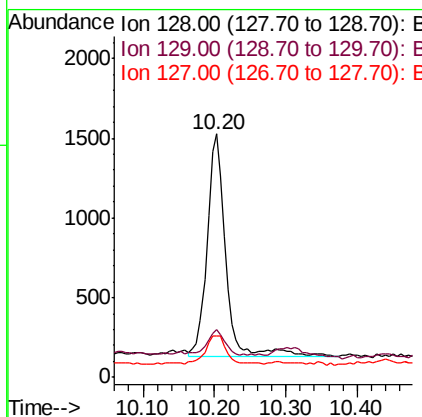
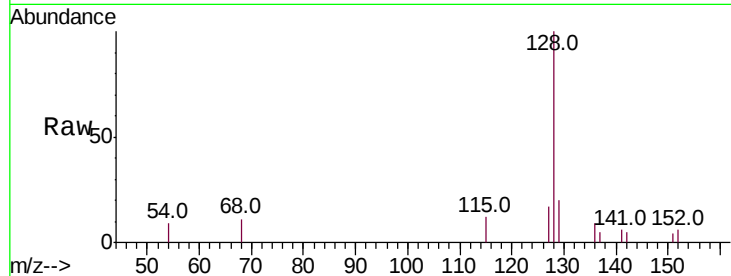
ClientSampleId :

C0AF4

Tot Ion:	128	Resp:	2489
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.2	13.8#
127	16.8	10.4	15.6#

Manual Integrations
APPROVED

mohammad
8/29/2019 7:50:59 AM



#8

Acenaphthene

Concen: 0.042 ng/ul

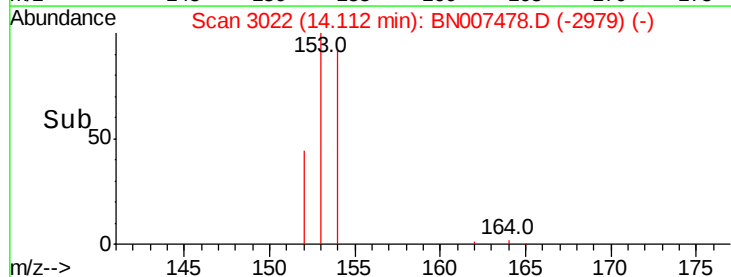
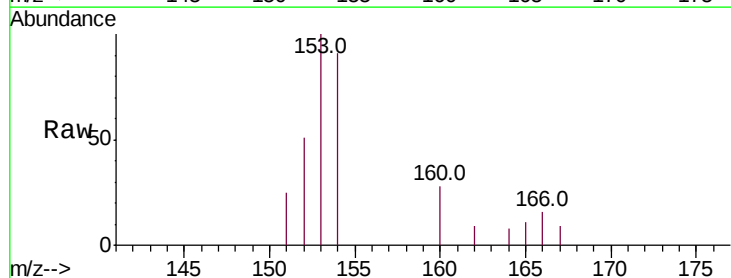
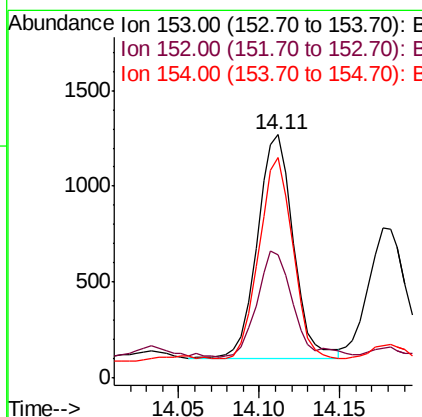
RT: 14.11 min Scan# 3022

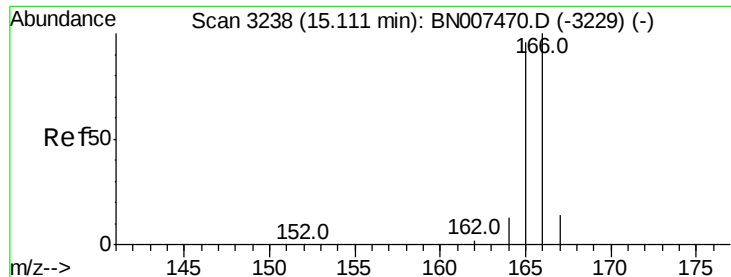
Delta R.T. 0.00 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Tgt Ion:	153	Resp:	1806
Ion Ratio	Lower	Upper	
153	100		
152	50.6	39.1	58.7
154	90.8	69.4	104.2





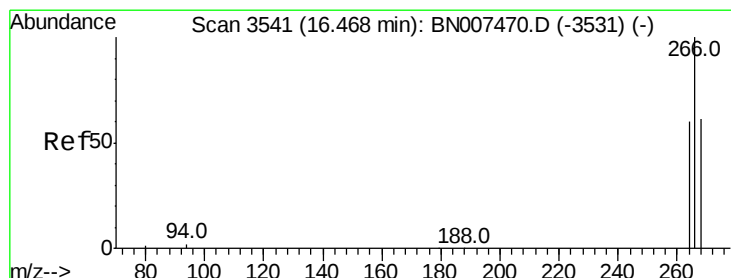
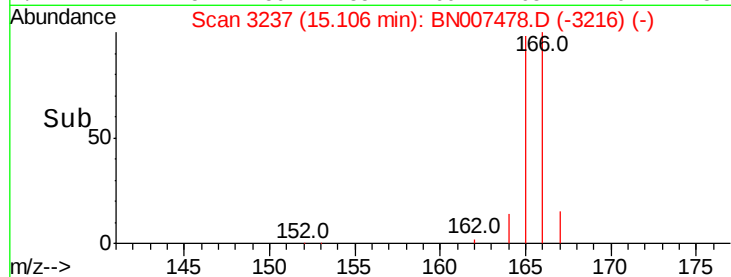
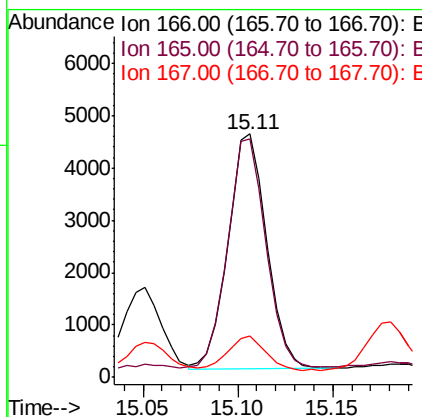
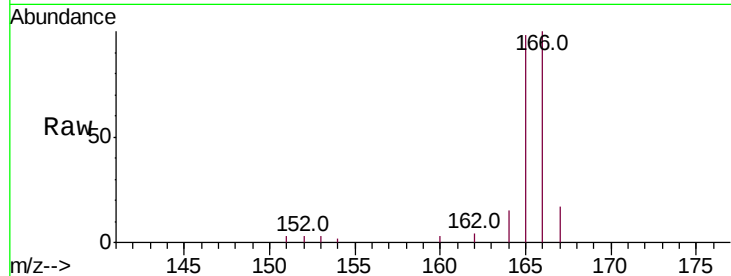
#9
Fluorene
 Concen: 0.138 ng/ul
 RT: 15.11 min Scan# 3237
 Delta R.T. -0.00 min
 Lab File: BN007478.D
 Acq: 28 Aug 2019 21:00

Instrument :
 BNA_N
 ClientSampleId :
 C0AF4

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.6	119.4
167	17.0	11.7	17.5

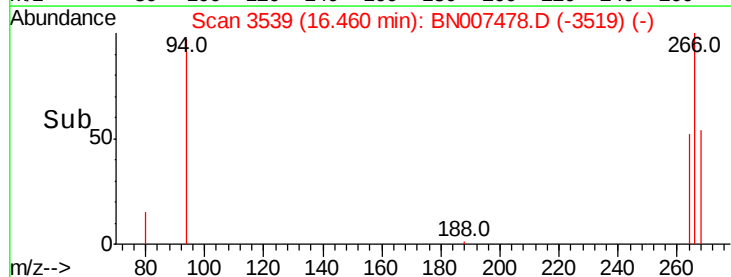
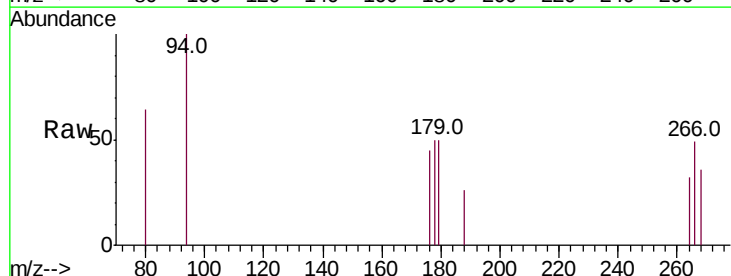
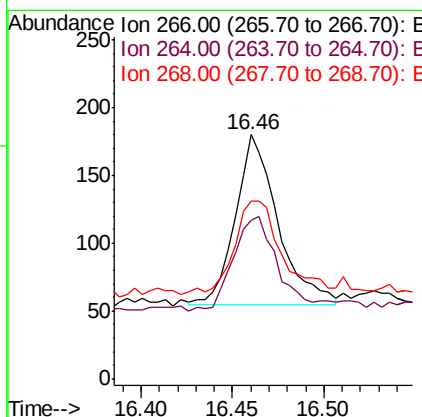
Manual Integrations
 APPROVED

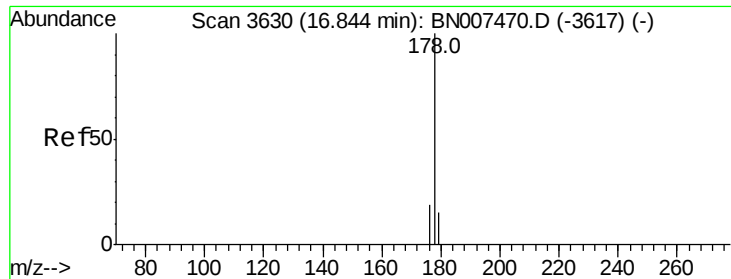
mohammad
 8/29/2019 7:50:59 AM



#11
Pentachlorophenol
 Concen: 0.037 ng/ul m
 RT: 16.46 min Scan# 3539
 Delta R.T. -0.02 min
 Lab File: BN007478.D
 Acq: 28 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
266	100		
264	5.0	49.0	73.6#
268	2.5	50.2	75.2#





#12

Phenanthrene

Concen: 0.097 ng/ul

RT: 16.84 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

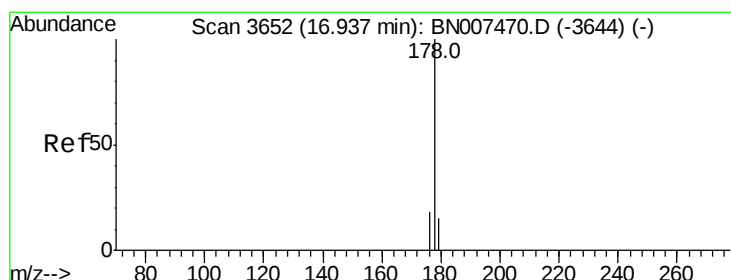
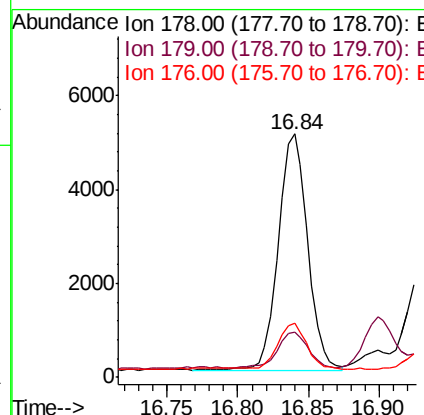
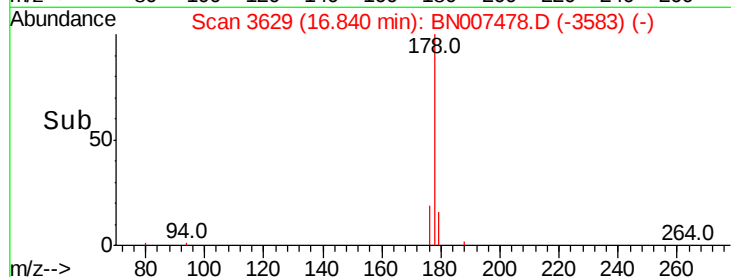
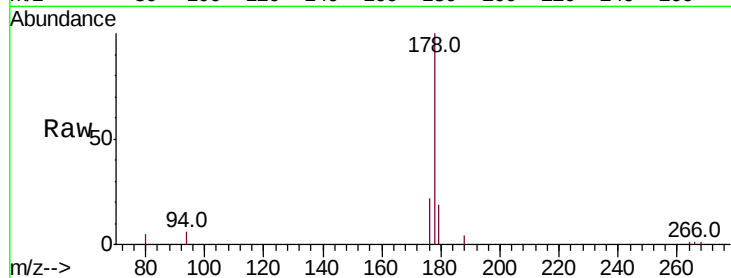
Instrument :
BNA_N
ClientSampleId :
C0AF4

Tot Ion:178 Resp: 7344

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.8	19.2
176	22.0	15.2	22.8

Manual Integrations
APPROVED

mohammad
8/29/2019 7:50:59 AM



#13

Anthracene

Concen: 0.042 ng/ul m

RT: 16.93 min Scan# 3650

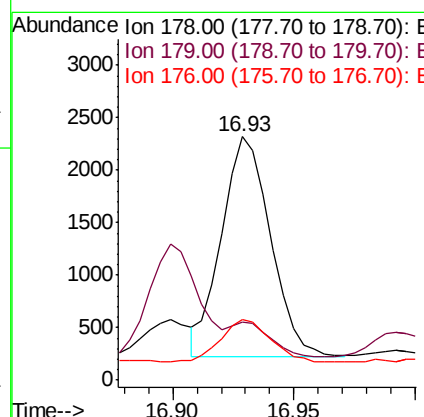
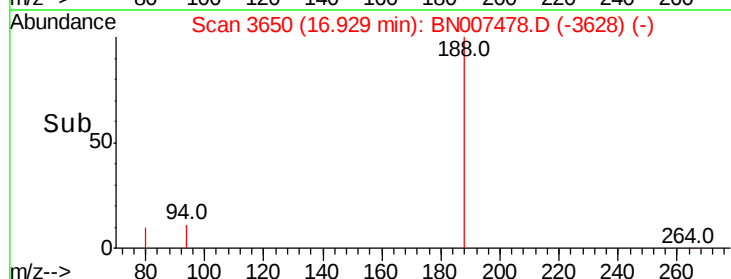
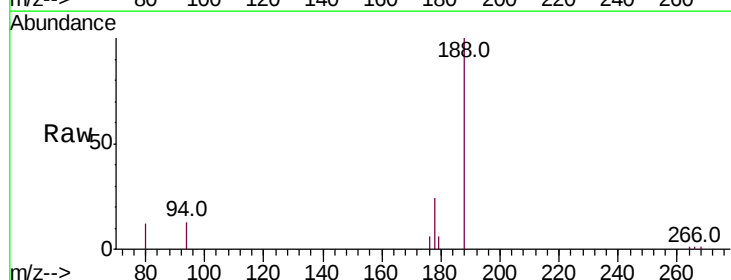
Delta R.T. -0.01 min

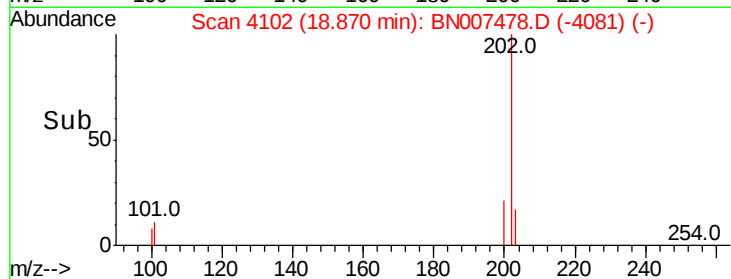
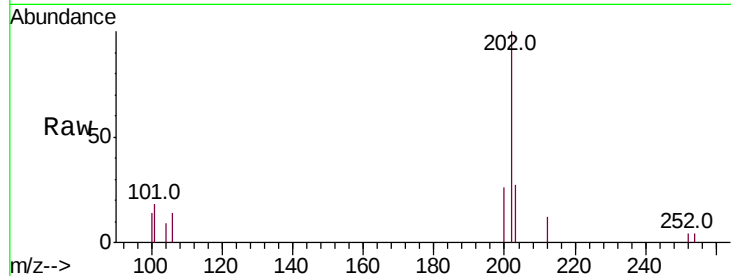
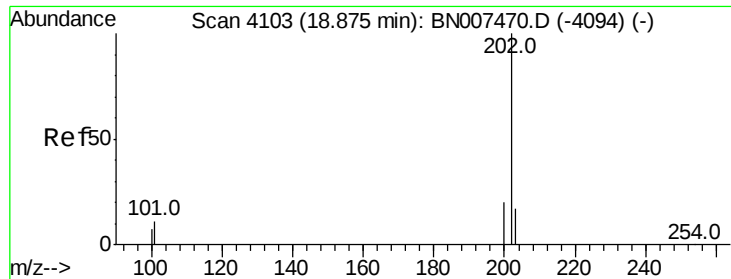
Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Tgt Ion:178 Resp: 2952

Ion	Ratio	Lower	Upper
178	100		
179	23.6	12.8	19.2#
176	24.7	14.6	21.8#





#15

Fluoranthene

Concen: 0.029 ng/ul m

RT: 18.87 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BN007478.D

Acq: 28 Aug 2019 21:00

Instrument :

BNA_N

ClientSampleId :

C0AF4

Tot Ion:	202	Resp:	2897
Ion Ratio	Lower	Upper	
202	100		
101	18.0	0.0	31.3
100	14.3	0.0	28.5

Manual Integrations
APPROVED

mohammad
8/29/2019 7:50:59 AM

