

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006540.D
 Acq On : 24 Jun 2019 20:30
 Operator : HP/JU
 Sample : K3362-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X6

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:20:24 PM

Quant Time: Jun 25 03:21:41 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	5314	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19651	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9771	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	17692m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.27	240	11518m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10420m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	12519	0.42	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	19492m	0.41	ng/ul	0.00
Target Compounds				Ovalue		
11) Pentachlorophenol	16.72	266	160m	0.036	ng/ul	
12) Phenanthrene	17.08	178	14763	0.260	ng/ul	98
13) Anthracene	17.17	178	2215m	0.041	ng/ul	
15) Fluoranthene	19.11	202	39170m	0.625	ng/ul	
17) Pyrene	19.48	202	31746	0.523	ng/ul	100
18) Benzo(a)anthracene	21.25	228	11813	0.232	ng/ul	99
19) Chrysene	21.31	228	15137	0.317	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	20990m	0.483	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	8257m	0.195	ng/ul	
23) Benzo(a)pyrene	23.41	252	13345m	0.330	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.75	276	10809m	0.247	ng/ul	
25) Dibenzo(a,h)anthracene	25.76	278	2825m	0.081	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	9235m	0.252	ng/ul	

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

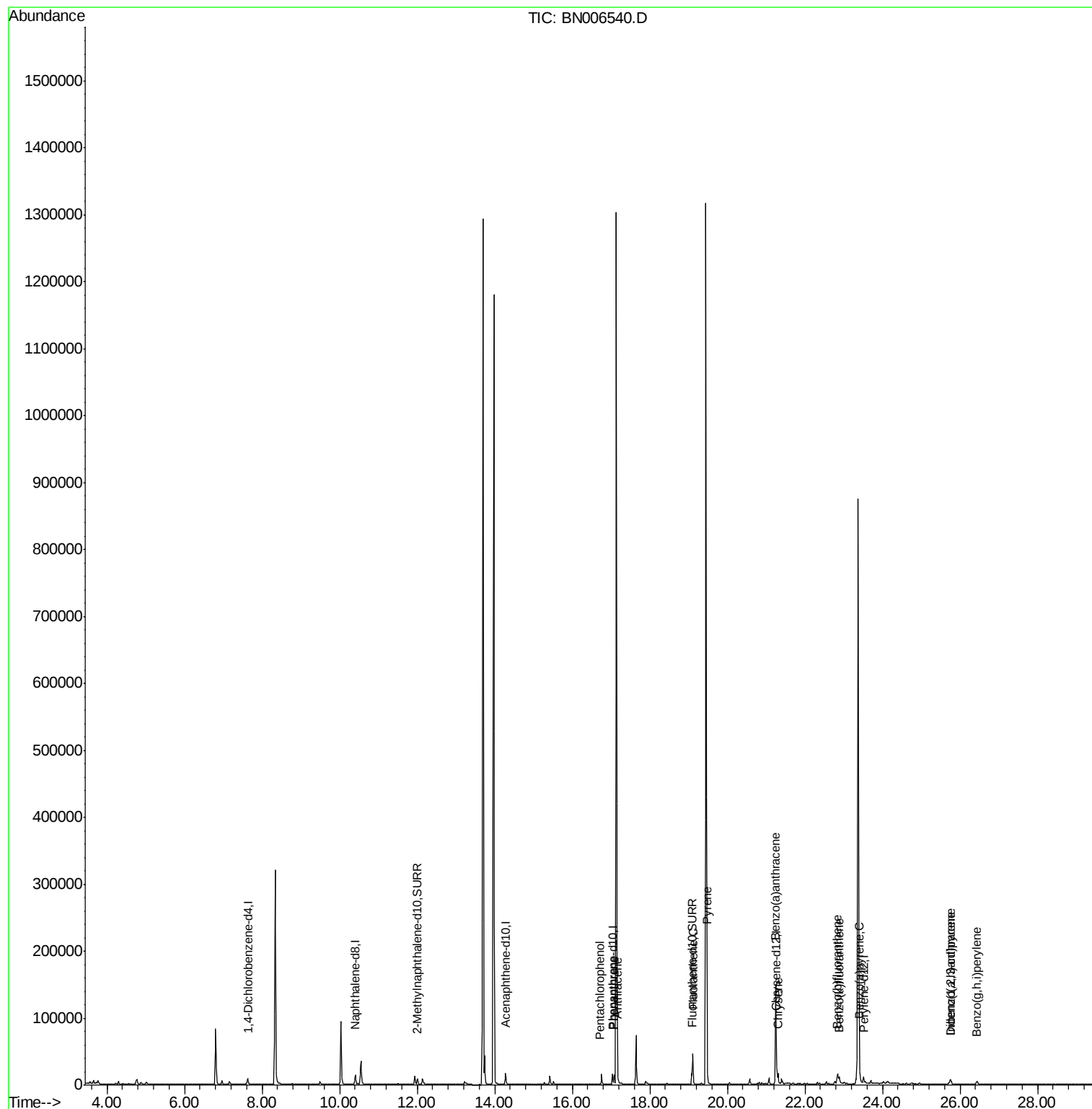
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006540.D
Acq On : 24 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

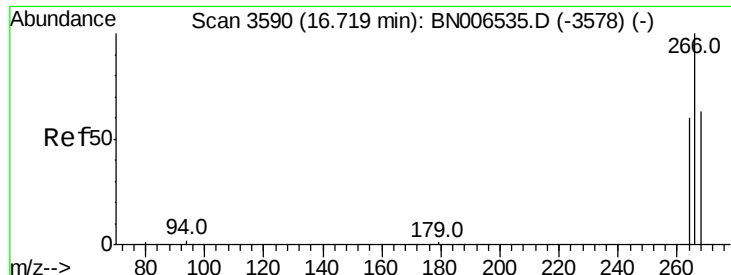
Instrument :
BNA_N
ClientSampleId :
A41X6

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM

Quant Time: Jun 25 03:21:41 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





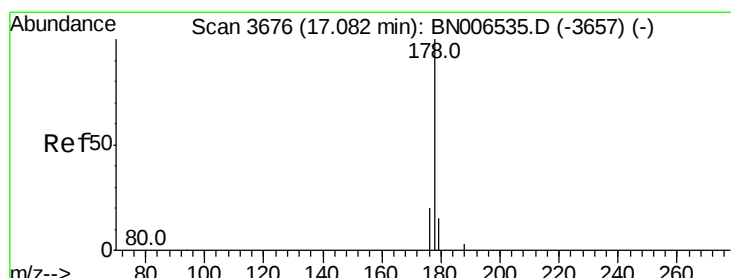
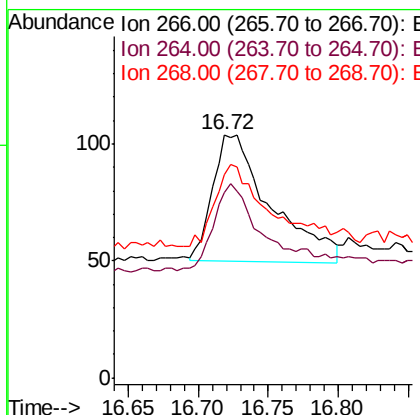
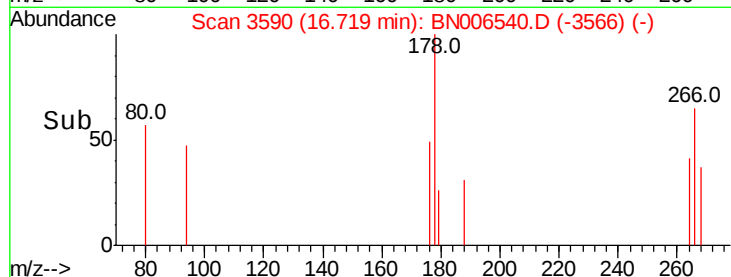
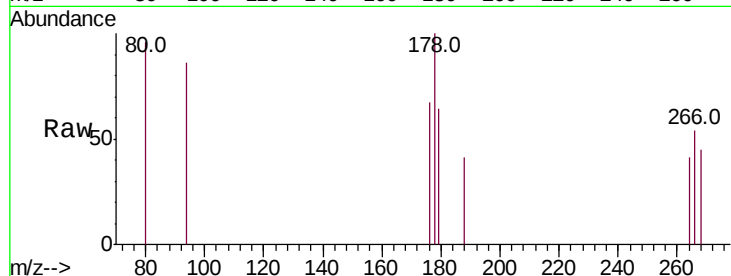
#11
 Pentachlorophenol
 Concen: 0.036 ng/ul m
 RT: 16.72 min Scan# 3590
 Delta R.T. 0.00 min
 Lab File: BN006540.D
 Acq: 24 Jun 2019 20:30

Instrument :
 BNA_N
 ClientSampleId :
 A41X6

Tot Ion	Ratio	Lower	Upper
266	100		
264	2.5	50.3	75.5#
268	2.5	51.3	76.9#

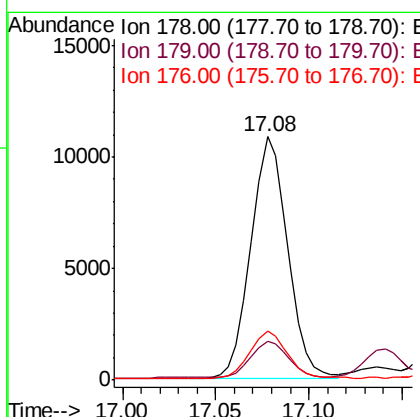
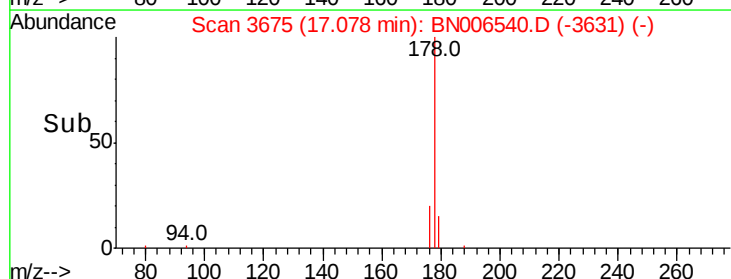
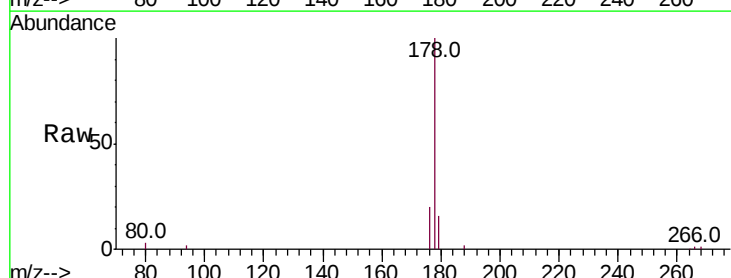
Manual Integrations
 APPROVED

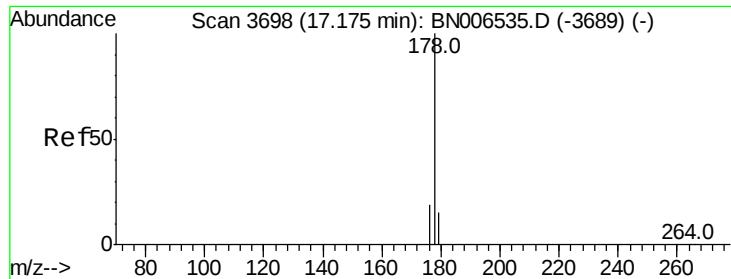
mohammad
 6/25/2019 10:20:24 PM



#12
 Phenanthrene
 Concen: 0.260 ng/ul
 RT: 17.08 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BN006540.D
 Acq: 24 Jun 2019 20:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	20.2	15.3	22.9





#13

Anthracene

Concen: 0.041 ng/ul m

RT: 17.17 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BN006540.D

Acq: 24 Jun 2019 20:30

Instrument :

BNA_N

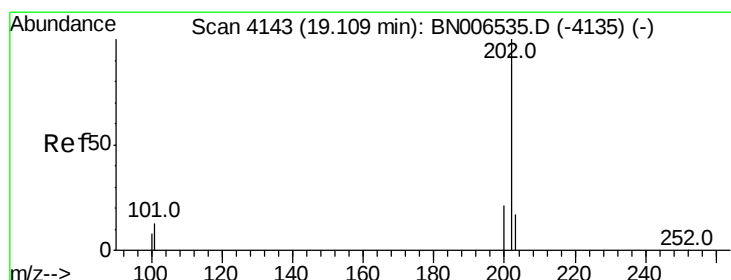
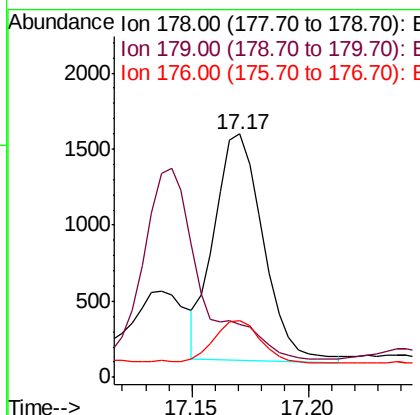
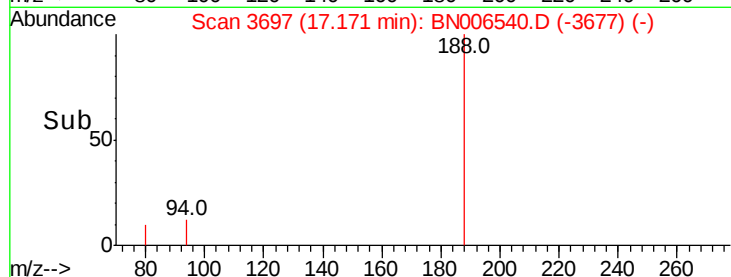
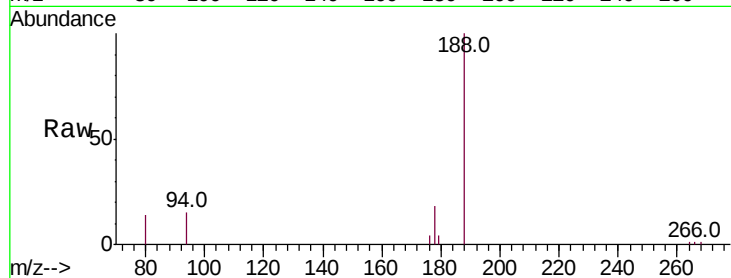
ClientSampleId :

A41X6

Tot Ion:178	Resp:	2215
Ion Ratio	Lower	Upper
178	100	
179	21.7	12.2 18.4#
176	23.3	15.1 22.7#

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM



#15

Fluoranthene

Concen: 0.625 ng/ul m

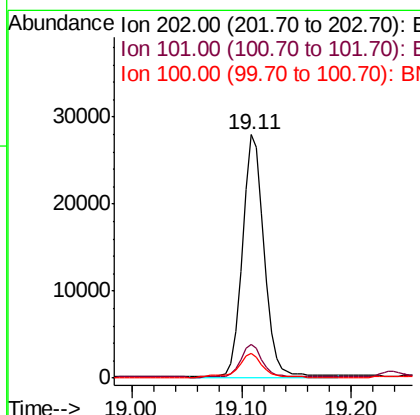
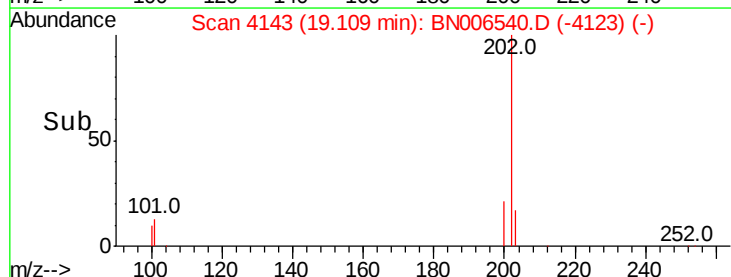
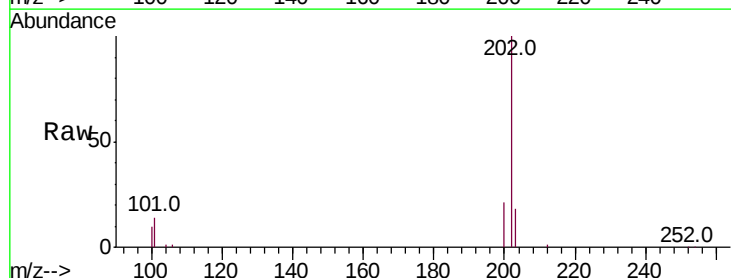
RT: 19.11 min Scan# 4143

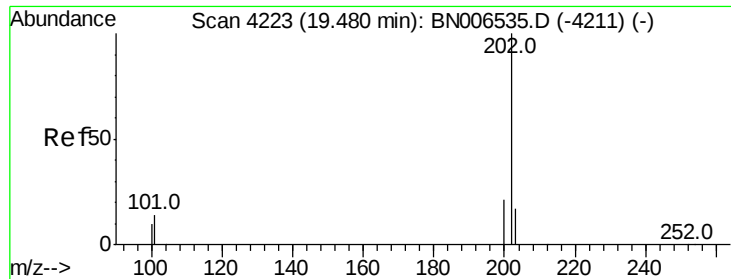
Delta R.T. -0.01 min

Lab File: BN006540.D

Acq: 24 Jun 2019 20:30

Tgt Ion:202	Resp:	39170
Ion Ratio	Lower	Upper
202	100	
101	13.6	0.0 32.1
100	10.1	0.0 28.7





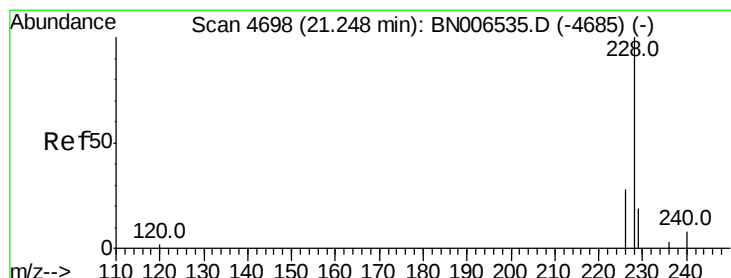
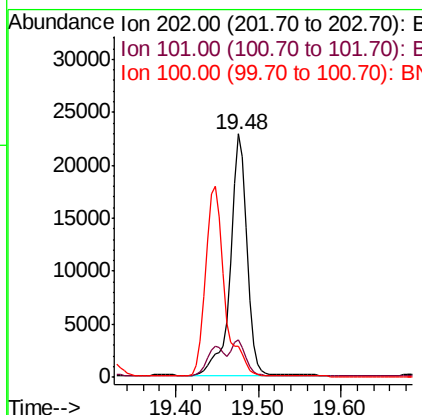
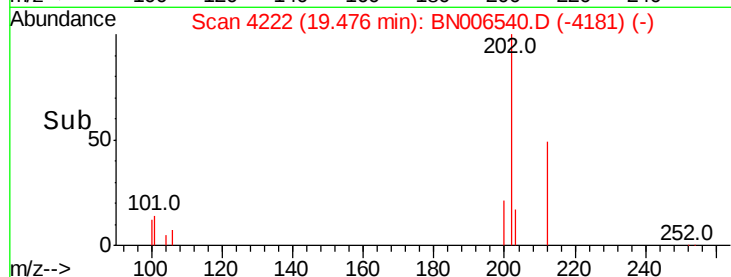
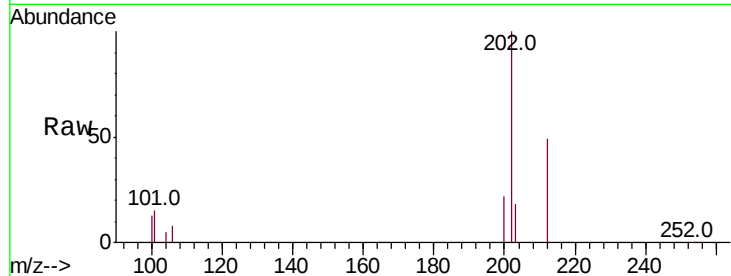
#17
Pvrene
Concen: 0.523 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BN006540.D
Acq: 24 Jun 2019 20:30

Instrument :
BNA_N
ClientSampleId :
A41X6

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.2	12.2	18.2	
100	12.6	9.8	14.6	

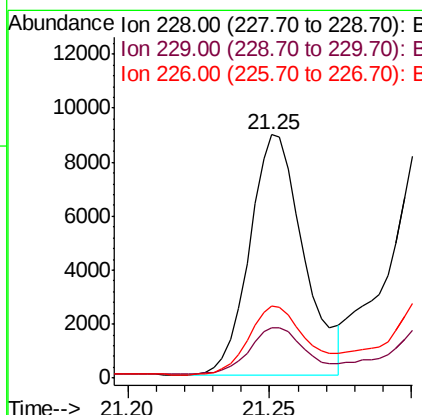
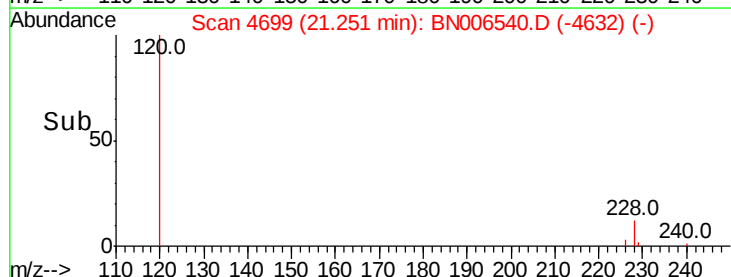
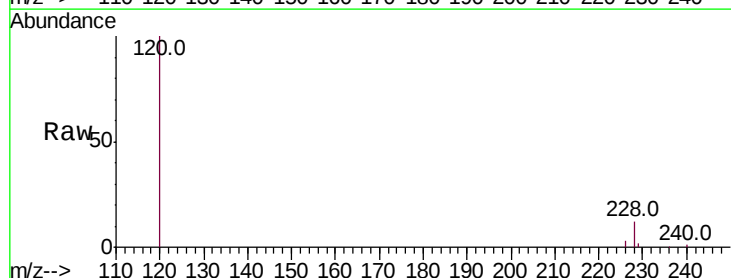
Manual Integrations
APPROVED

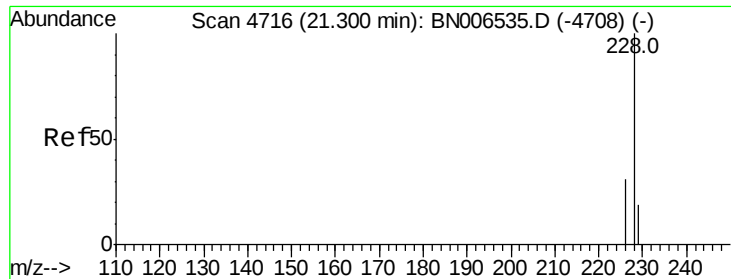
mohammad
6/25/2019 10:20:24 PM



#18
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006540.D
Acq: 24 Jun 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	20.8	16.5	24.7	
226	29.5	22.8	34.2	





#19

Chrysene

Concen: 0.317 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. 0.00 min

Lab File: BN006540.D

Acq: 24 Jun 2019 20:30

Instrument :

BNA_N

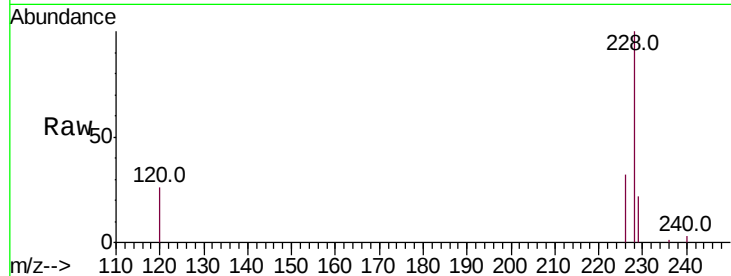
ClientSampleId :

A41X6

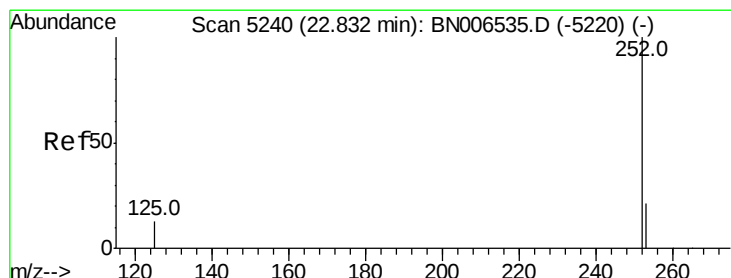
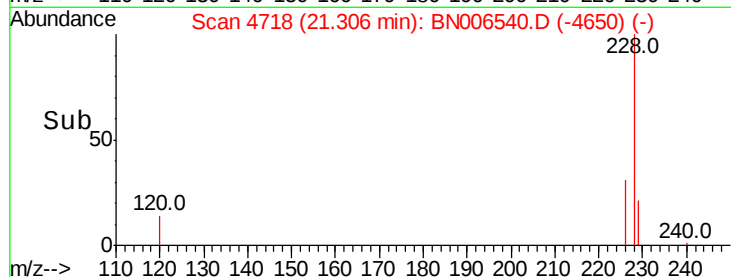
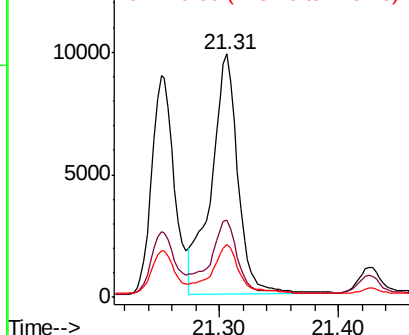
Tot Ion:	228	Resp:	15137
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.0	37.6
229	21.9	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.483 ng/ul m

RT: 22.84 min Scan# 5244

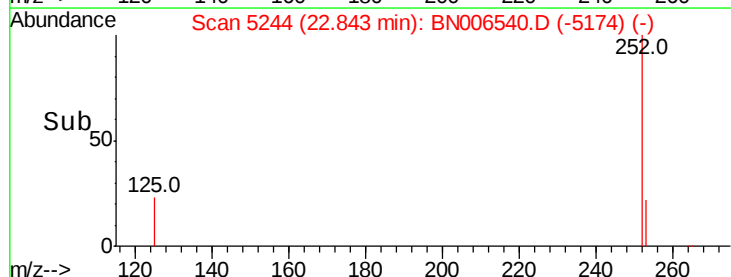
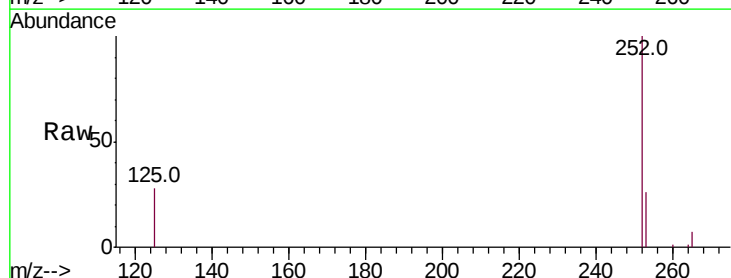
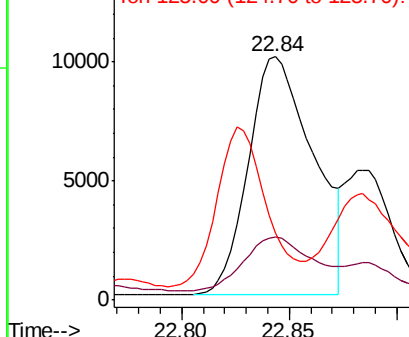
Delta R.T. 0.01 min

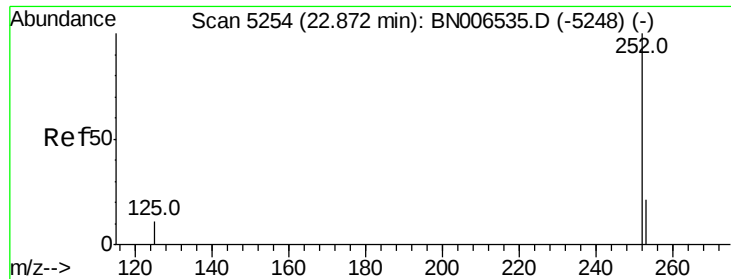
Lab File: BN006540.D

Acq: 24 Jun 2019 20:30

Tgt Ion:	252	Resp:	20990
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	51.4
125	27.5	0.0	41.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.195 ng/ul m

RT: 22.88 min Scan# 5258

Delta R.T. 0.00 min

Lab File: BN006540.D

Acq: 24 Jun 2019 20:30

Instrument :

BNA_N

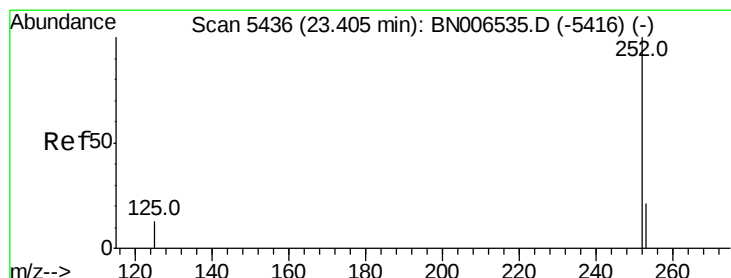
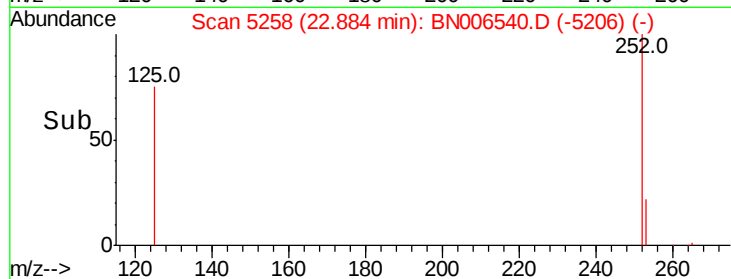
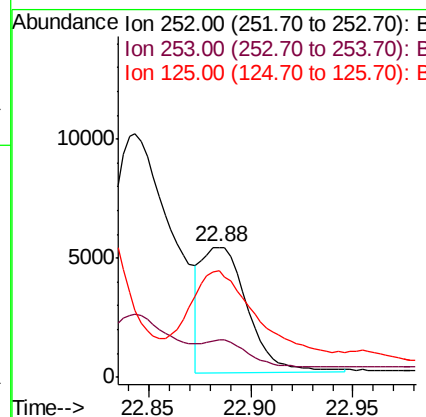
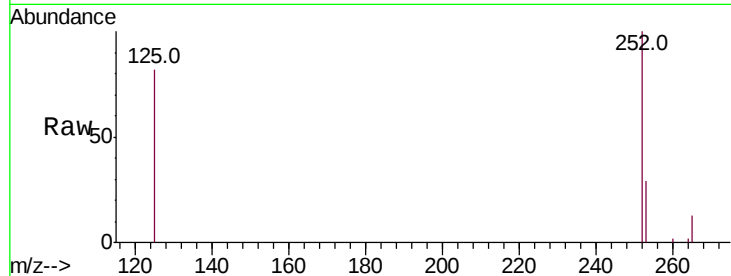
ClientSampled :

A41X6

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	20.3	30.5
125	81.5	14.3	21.5#

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM



#23

Benzo(a)pyrene

Concen: 0.330 ng/ul m

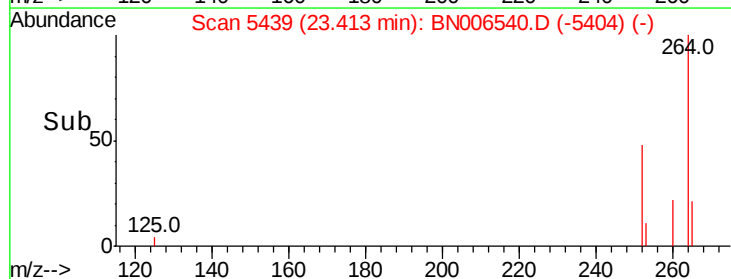
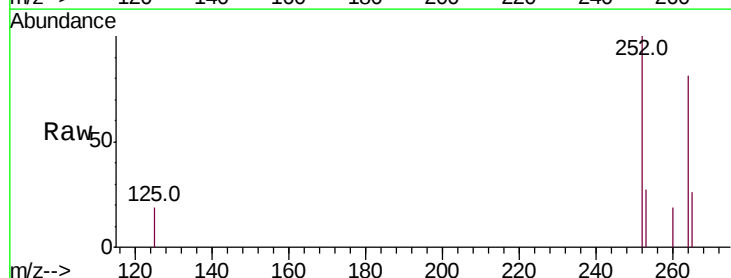
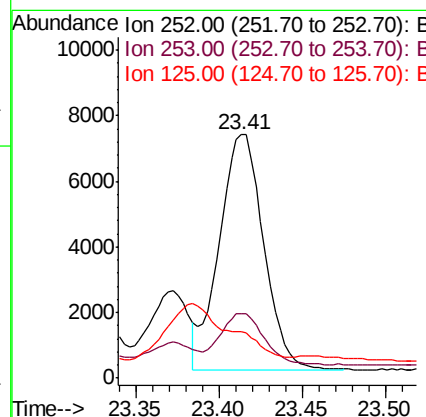
RT: 23.41 min Scan# 5439

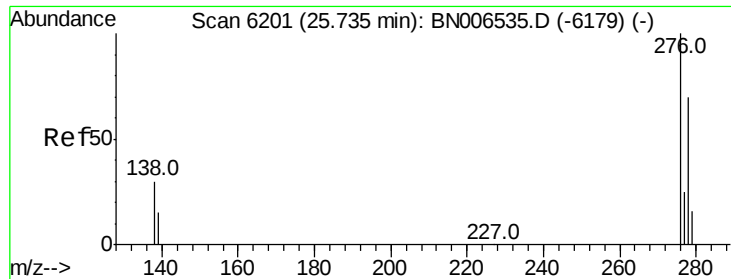
Delta R.T. 0.00 min

Lab File: BN006540.D

Acq: 24 Jun 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.1	31.7
125	18.8	20.3	30.5#





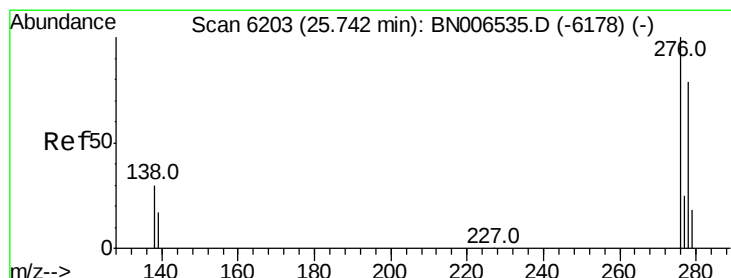
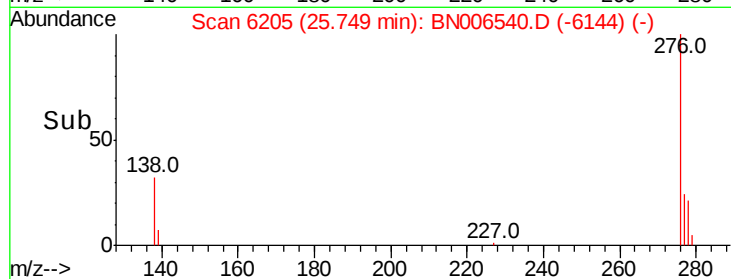
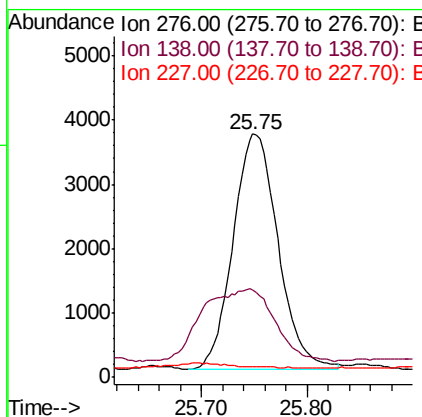
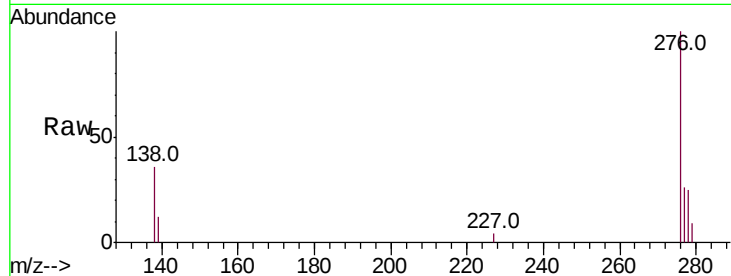
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.247 ng/ul m
 RT: 25.75 min Scan# 6205
 Delta R.T. 0.00 min
 Lab File: BN006540.D
 Acq: 24 Jun 2019 20:30

Instrument :
 BNA_N
 ClientSampleId :
 A41X6

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.5	25.6	38.4#
227	0.0	0.3	0.5#

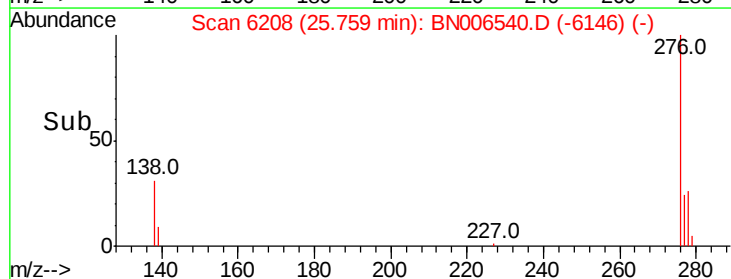
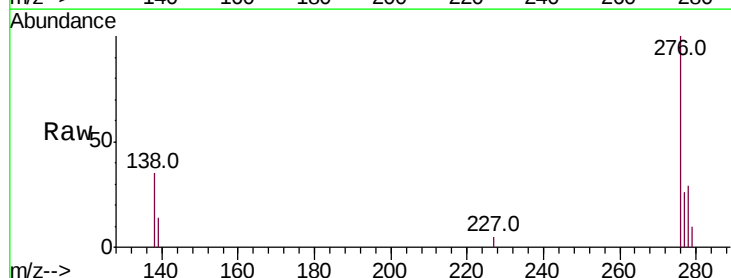
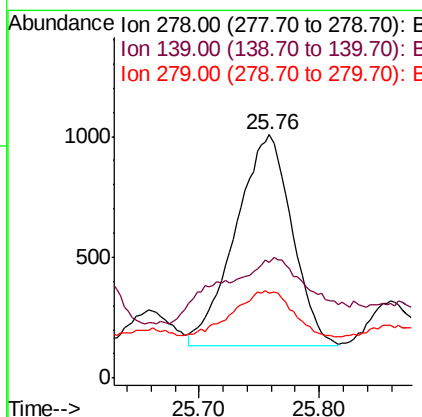
Manual Integrations
 APPROVED

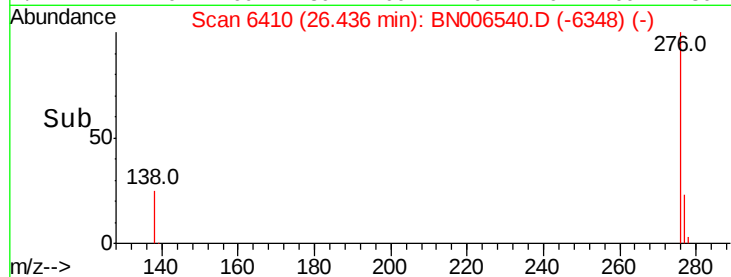
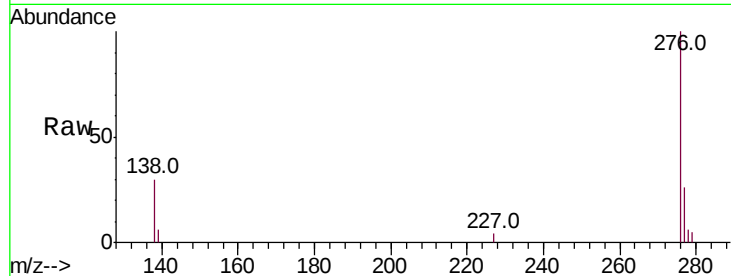
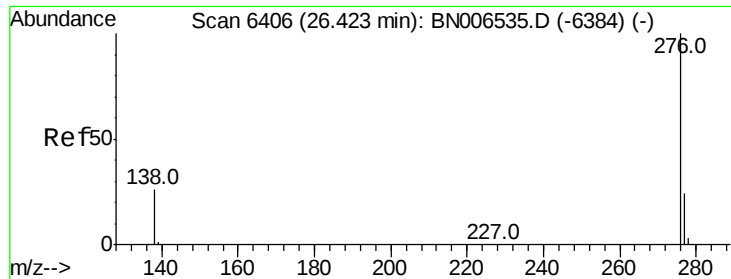
mohammad
 6/25/2019 10:20:24 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.081 ng/ul m
 RT: 25.76 min Scan# 6208
 Delta R.T. 0.01 min
 Lab File: BN006540.D
 Acq: 24 Jun 2019 20:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.4	21.2	31.8#
279	34.7	22.6	33.8#





#26
Benzo(a,h,i)perylene
Concen: 0.252 ng/ul m
RT: 26.44 min Scan# 6410
Delta R.T. 0.01 min
Lab File: BN006540.D
Acq: 24 Jun 2019 20:30

Instrument :
BNA_N
ClientSampleId :
A41X6

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	25.8	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/25/2019 10:20:24 PM

