

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022631.D
 Acq On : 10 Sep 2019 22:01
 Operator : HP/JU
 Sample : K4708-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q6

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:54 AM

Quant Time: Sep 11 00:10:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	15991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	66848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	35723	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	74691m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	57274m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	53384m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	37590	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	69621m	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	7786	0.041	ng/ul#	92
5) 2-Methylnaphthalene	12.31	142	3243	0.025	ng/ul	99
12) Phenanthrene	17.25	178	16473m	0.069	ng/ul	
15) Fluoranthene	19.27	202	33682m	0.131	ng/ul	
17) Pyrene	19.63	202	29073m	0.112	ng/ul	
18) Benzo(a)anthracene	21.37	228	13921m	0.064	ng/ul	
19) Chrysene	21.42	228	17946	0.078	ng/ul	94
21) Benzo(b)fluoranthene	22.98	252	22707m	0.098	ng/ul	
22) Benzo(k)fluoranthene	23.02	252	9492m	0.040	ng/ul	
23) Benzo(a)pyrene	23.57	252	14079m	0.069	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.98	276	11523m	0.047	ng/ul	
26) Benzo(g,h,i)perylene	26.69	276	12149m	0.062	ng/ul	

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

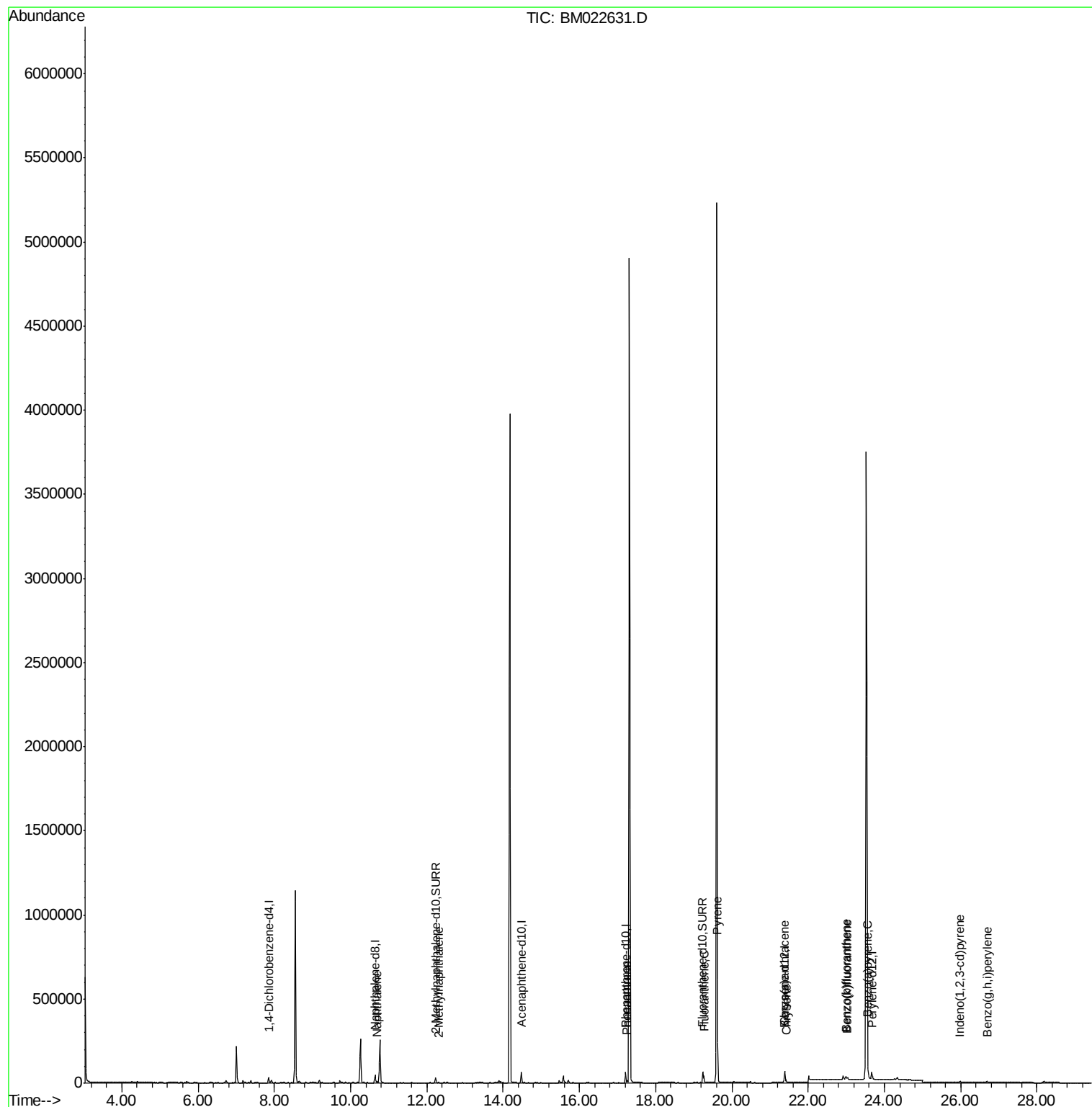
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022631.D
Acq On : 10 Sep 2019 22:01
Operator : HP/JU
Sample : K4708-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

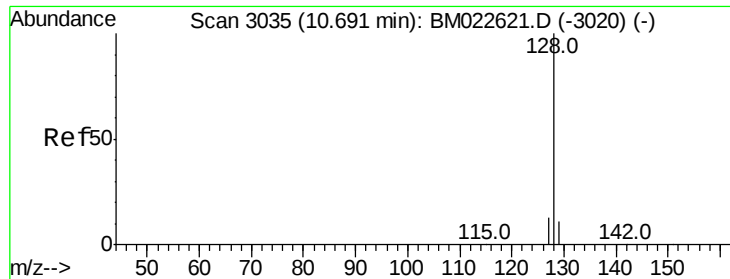
Instrument :
BNA_M
ClientSampleId :
CB5Q6

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:54 AM

Quant Time: Sep 11 00:10:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Instrument :

BNA_M

ClientSampleId :

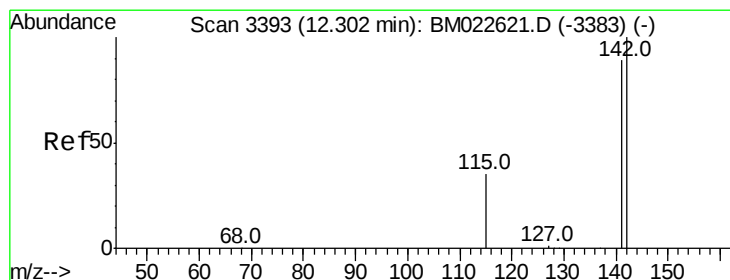
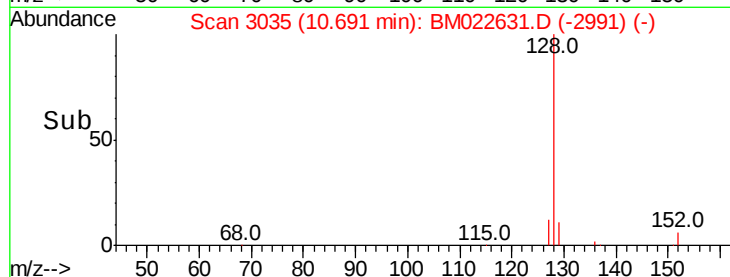
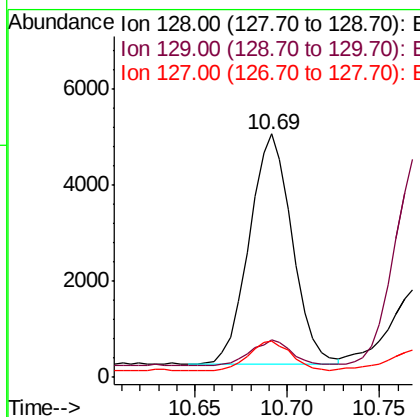
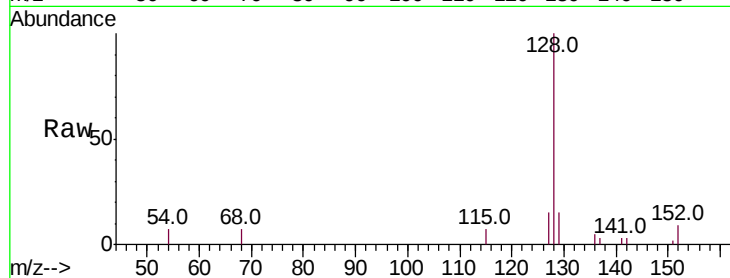
CB5Q6

Tot Ion:128 Resp: 7786

Ion	Ratio	Lower	Upper
128	100		
129	15.4	8.8	13.2#
127	14.8	10.4	15.6

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:54 AM



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.31 min Scan# 3394

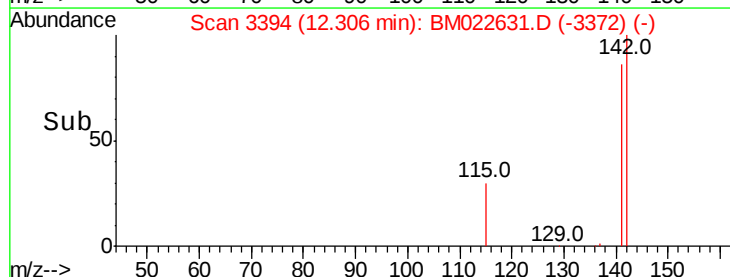
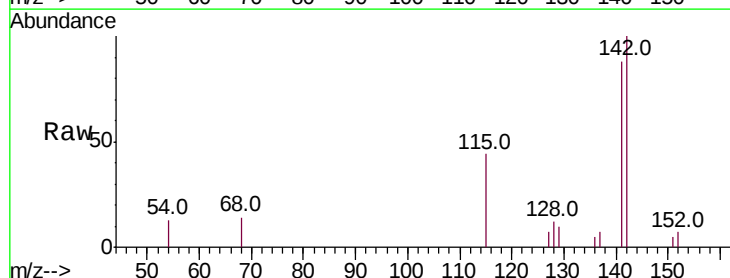
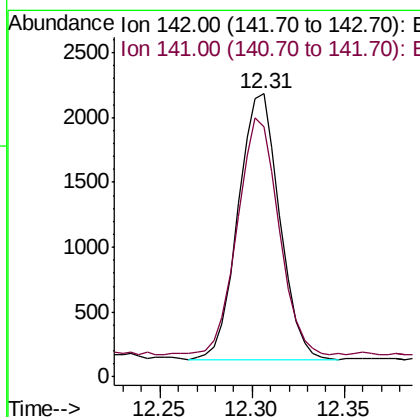
Delta R.T. -0.00 min

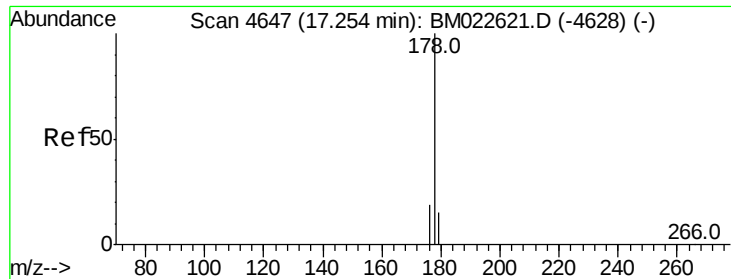
Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Tgt Ion:142 Resp: 3243

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2





#12

Phenanthrene

Concen: 0.069 ng/ul m

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Instrument :

BNA_M

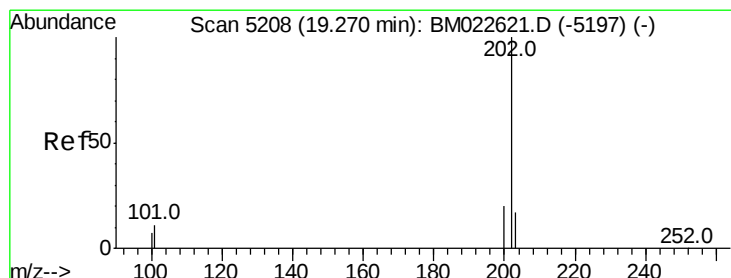
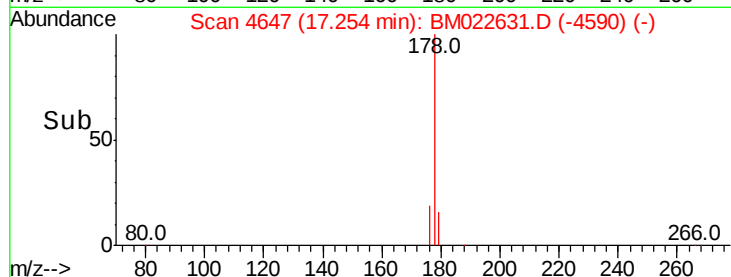
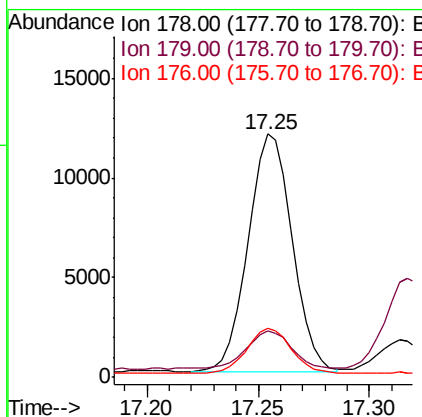
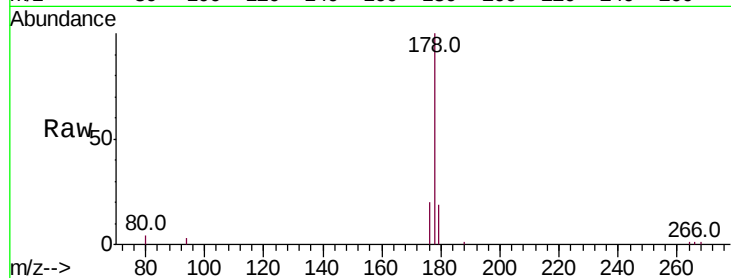
ClientSampleId :

CB5Q6

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.4	18.6#
176	20.3	15.3	22.9

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:54 AM



#15

Fluoranthene

Concen: 0.131 ng/ul m

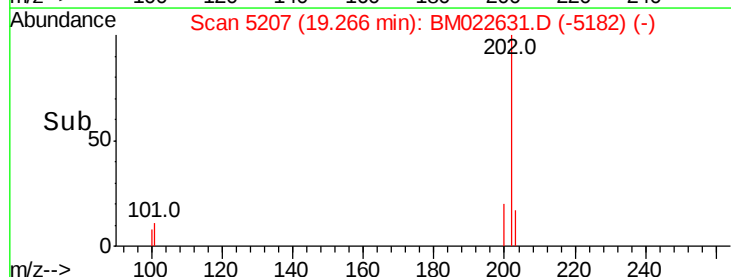
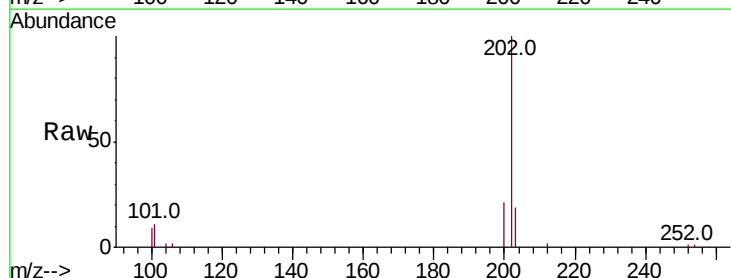
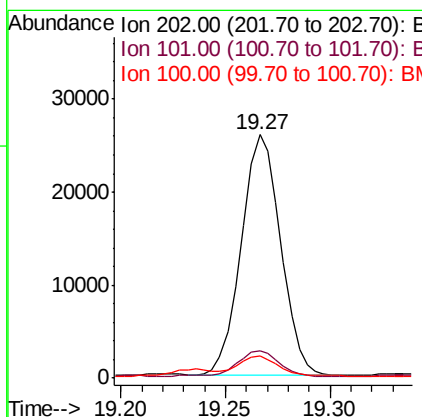
RT: 19.27 min Scan# 5207

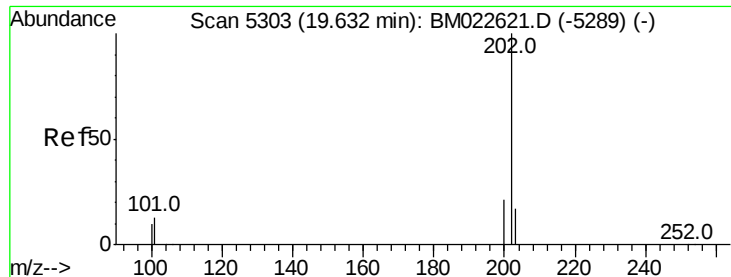
Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.5
100	8.9	0.0	28.0





#17

Pvrene

Concen: 0.112 ng/ul m

RT: 19.63 min Scan# 5302

Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Instrument :

BNA_M

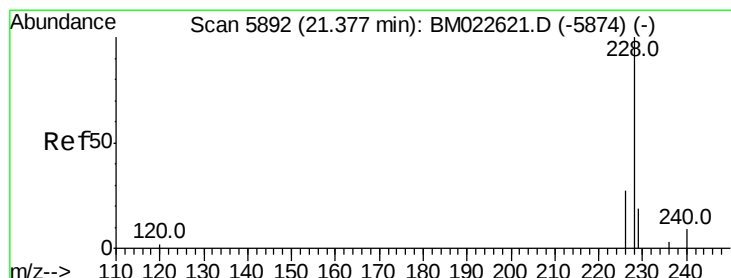
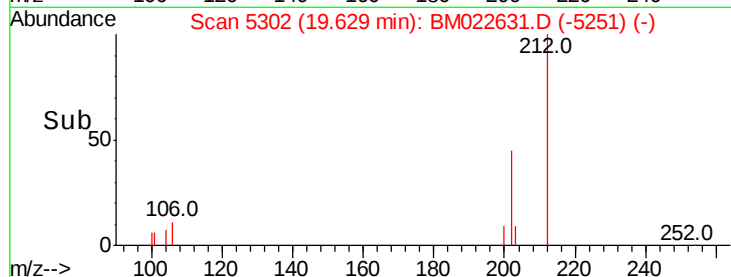
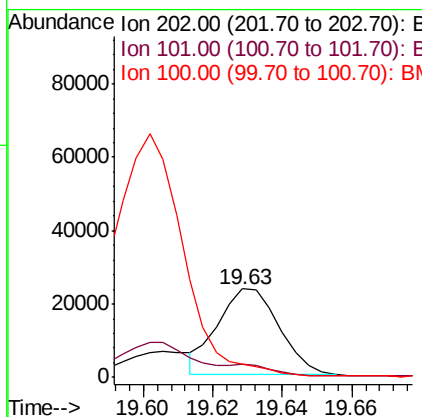
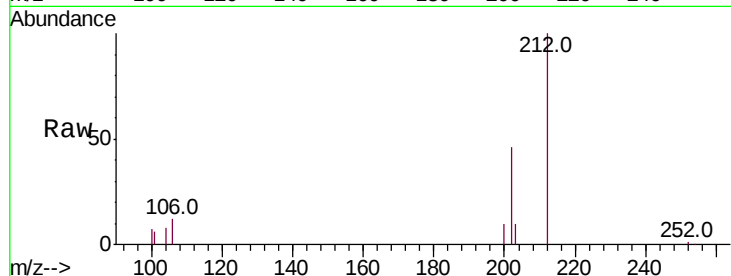
ClientSampleId :

CB5Q6

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.0	15.0
100	14.5	8.1	12.1#

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:54 AM



#18

Benzo(a)anthracene

Concen: 0.064 ng/ul m

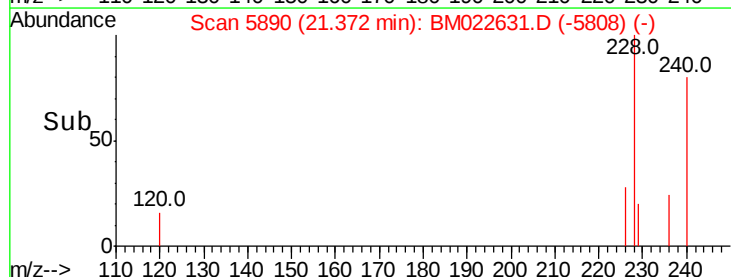
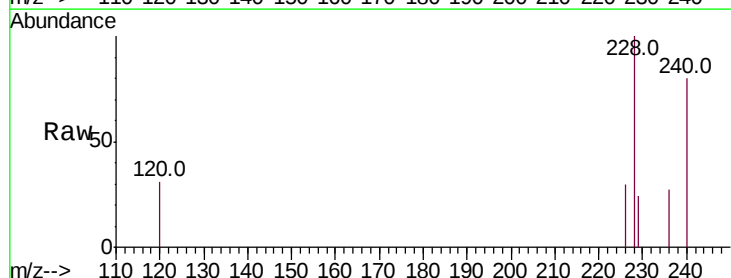
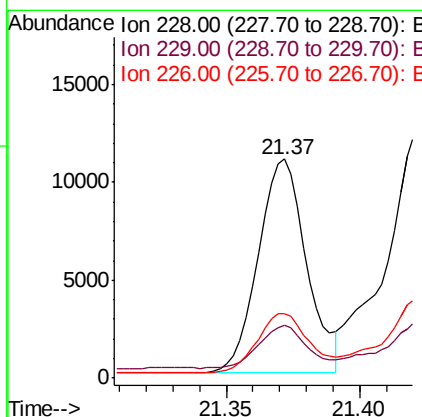
RT: 21.37 min Scan# 5890

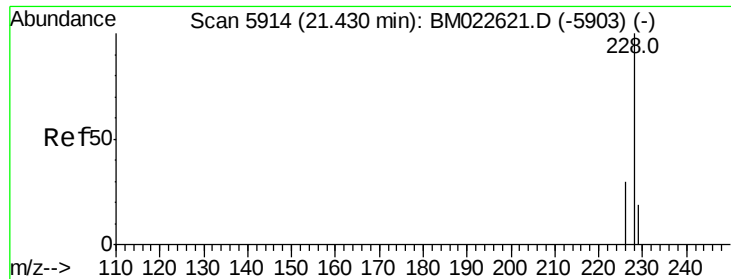
Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.6	23.4#
226	29.7	22.0	33.0





#19

Chrysene

Concen: 0.078 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Tot Ion:228 Resp: 17946

Ion Ratio Lower Upper

228 100

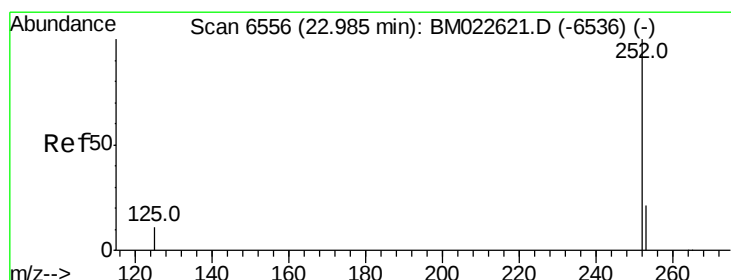
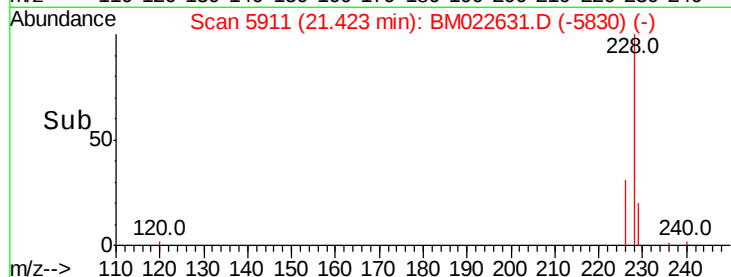
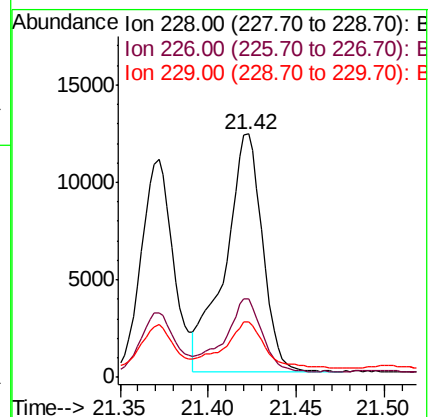
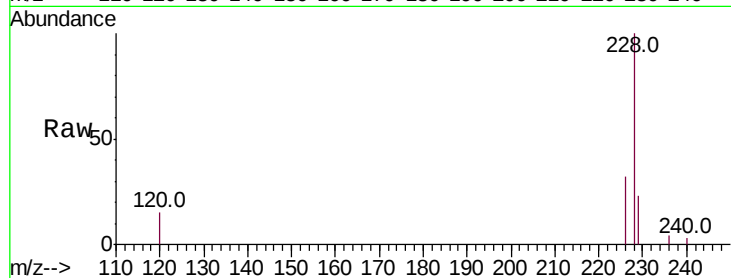
226 32.3 23.8 35.8

229 22.9 15.5 23.3

Manual Integrations
APPROVED

mohammad

9/11/2019 8:21:54 AM



#21

Benzo(b)fluoranthene

Concen: 0.098 ng/ul m

RT: 22.98 min Scan# 6555

Delta R.T. -0.00 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

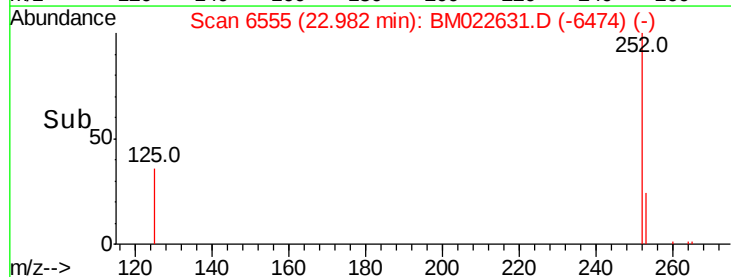
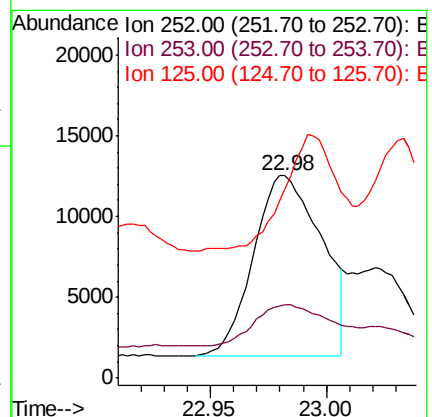
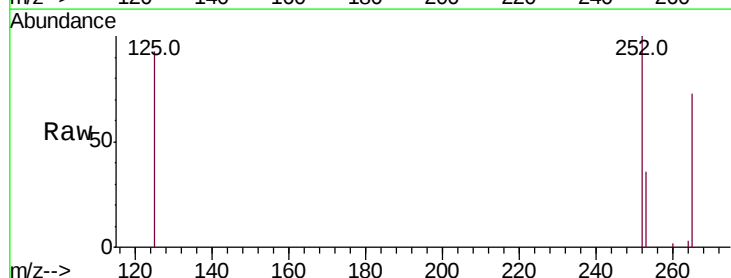
Tgt Ion:252 Resp: 22707

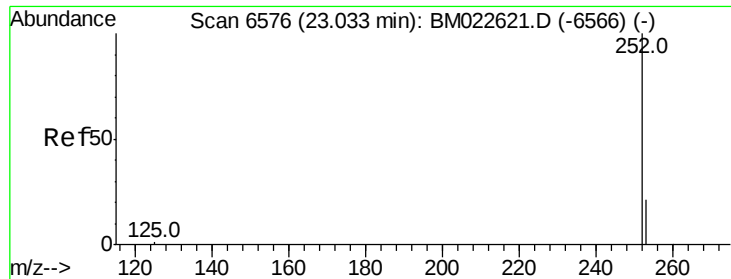
Ion Ratio Lower Upper

252 100

253 36.5 0.0 48.4

125 93.0 0.0 31.2#





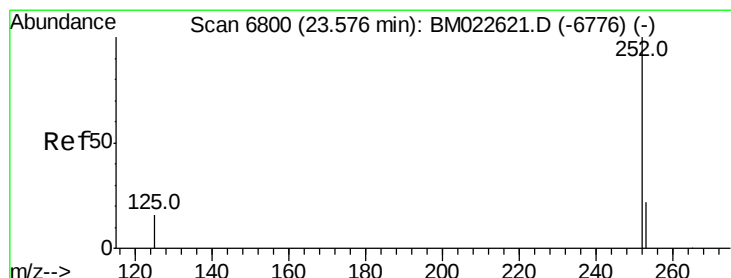
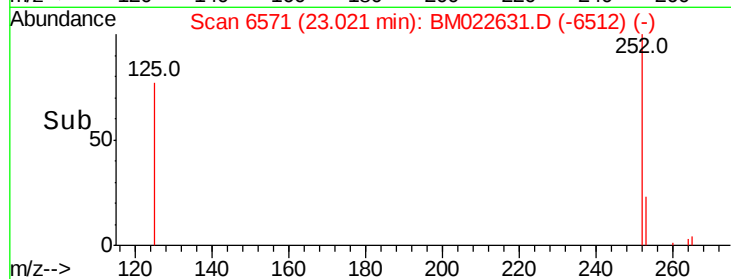
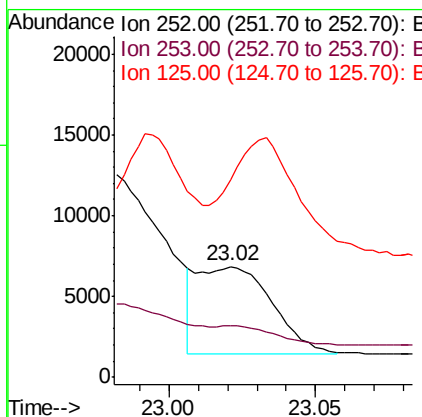
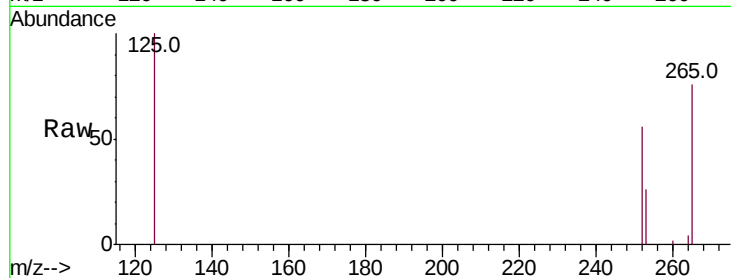
#22
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.02 min Scan# 6571
Delta R.T. -0.01 min
Lab File: BM022631.D
Acq: 10 Sep 2019 22:01

Instrument :
BNA_M
ClientSampleId :
CB5Q6

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.4	19.5	29.3#
125	178.2	11.2	16.8#

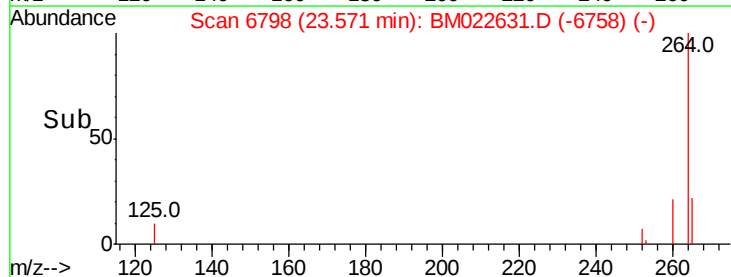
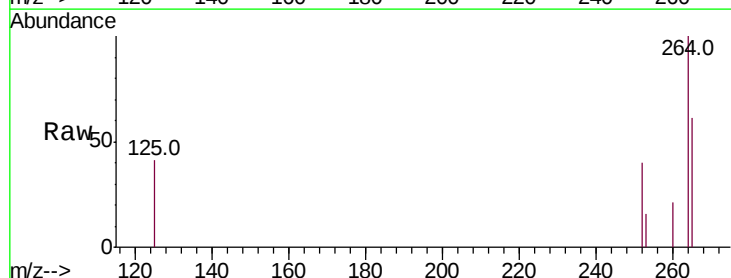
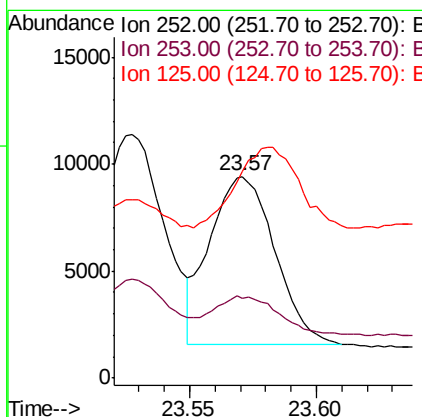
Manual Integrations
APPROVED

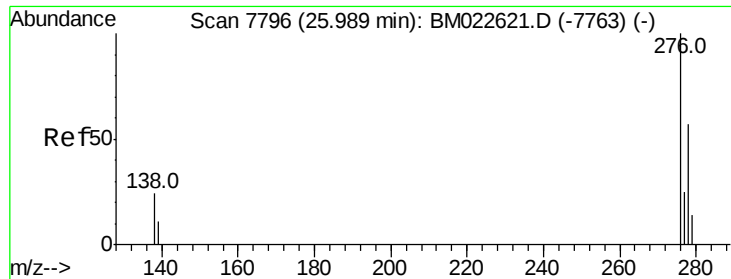
mohammad
9/11/2019 8:21:54 AM



#23
Benzo(a)pyrene
Concen: 0.069 ng/ul m
RT: 23.57 min Scan# 6798
Delta R.T. -0.00 min
Lab File: BM022631.D
Acq: 10 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.6	20.2	30.2#
125	102.3	15.7	23.5#





#24

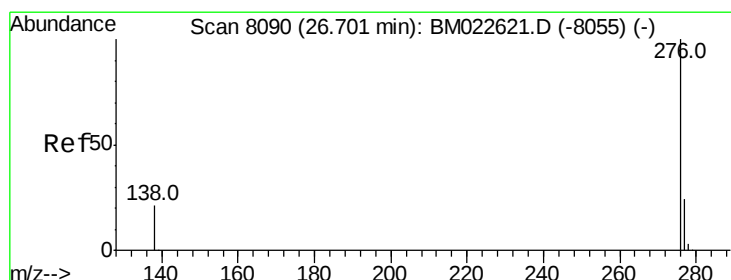
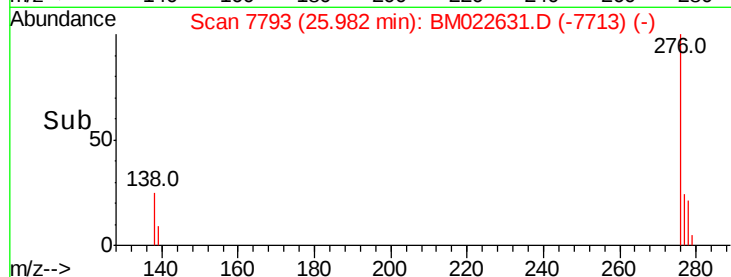
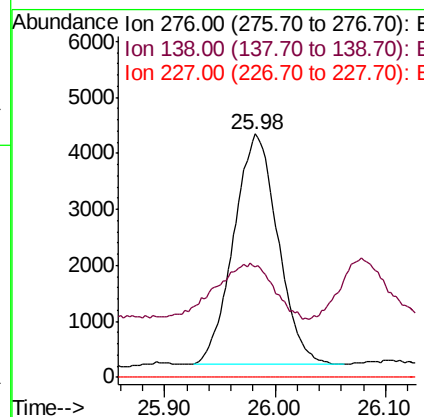
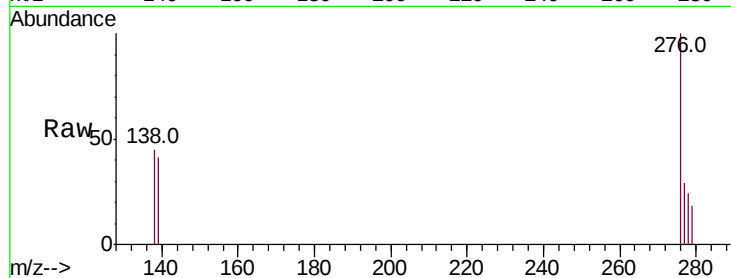
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul m
RT: 25.98 min Scan# 7793
Delta R.T. -0.01 min
Lab File: BM022631.D
Acq: 10 Sep 2019 22:01

Instrument :
BNA_M
ClientSampleId :
CB5Q6

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.1	31.7#
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:54 AM



#26

Benzo(g,h,i)perylene
Concen: 0.062 ng/ul m
RT: 26.69 min Scan# 8087
Delta R.T. -0.00 min
Lab File: BM022631.D
Acq: 10 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.8	18.2	27.4#
277	29.4	19.2	28.8#

