

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022623.D
 Acq On : 10 Sep 2019 17:08
 Operator : HP/JU
 Sample : K4708-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P9

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:23 AM

Quant Time: Sep 10 17:54:21 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	15916	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	66845	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	36743	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	83478m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	68627m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	53467m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	39521	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	84551m	0.37	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.69	128	5492	0.029	ng/ul#	93
12) Phenanthrene	17.26	178	17437	0.066	ng/ul	96
15) Fluoranthene	19.27	202	35444m	0.123	ng/ul	
17) Pyrene	19.63	202	32144	0.103	ng/ul#	96
18) Benzo(a)anthracene	21.37	228	14961m	0.057	ng/ul	
19) Chrysene	21.42	228	18571	0.067	ng/ul	94
21) Benzo(b)fluoranthene	22.98	252	22455m	0.097	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	8494m	0.036	ng/ul	
23) Benzo(a)pyrene	23.57	252	13055	0.064	ng/ul#	14
24) Indeno(1,2,3-cd)pyrene	25.99	276	9375	0.038	ng/ul#	94
26) Benzo(g,h,i)perylene	26.69	276	9147	0.046	ng/ul#	73

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

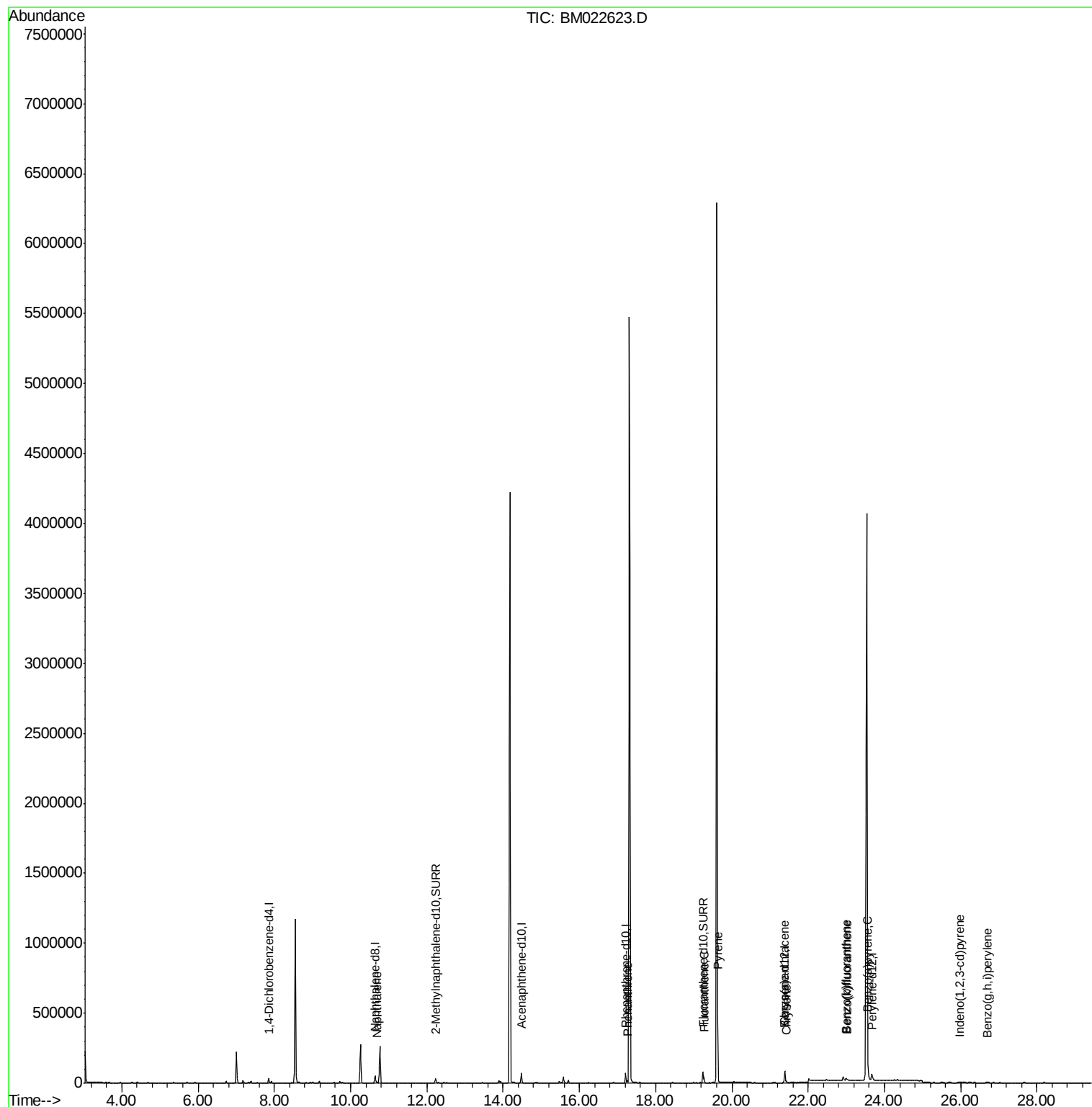
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022623.D
Acq On : 10 Sep 2019 17:08
Operator : HP/JU
Sample : K4708-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

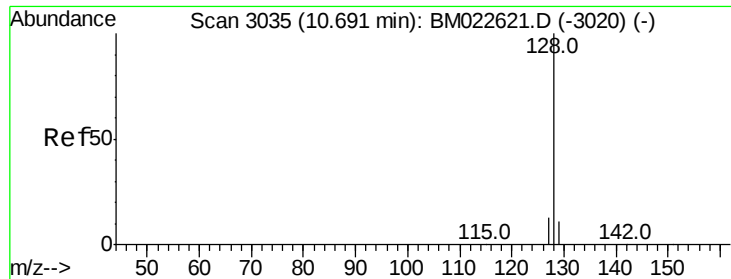
Instrument :
BNA_M
ClientSampleId :
CB5P9

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:23 AM

Quant Time: Sep 10 17:54:21 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: 0.029 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022623.D

Acq: 10 Sep 2019 17:08

Instrument :

BNA_M

ClientSampleId :

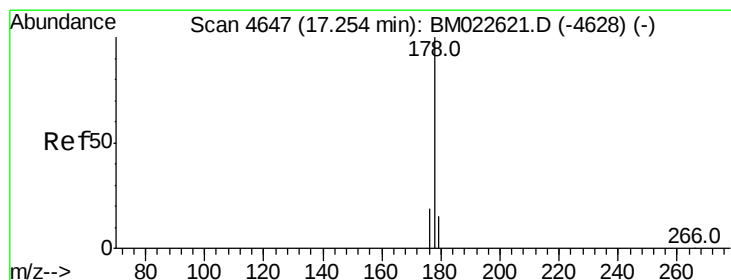
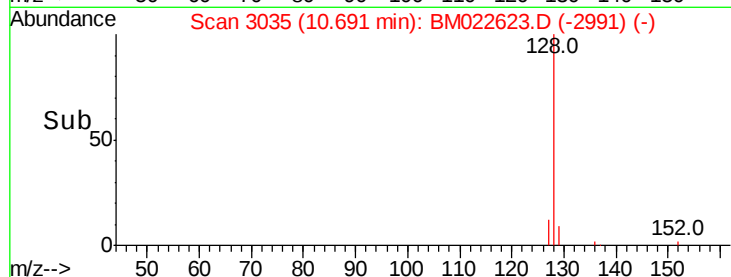
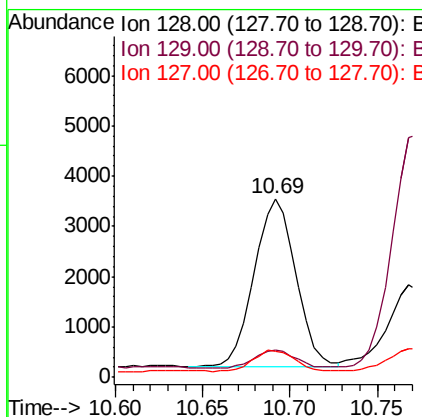
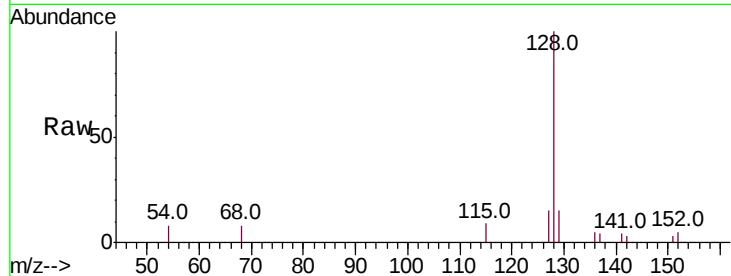
CB5P9

Tot Ion:128 Resp: 5492

Ion	Ratio	Lower	Upper
128	100		
129	15.0	8.8	13.2#
127	14.8	10.4	15.6

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:23 AM



#12

Phenanthrene

Concen: 0.066 ng/ul

RT: 17.26 min Scan# 4648

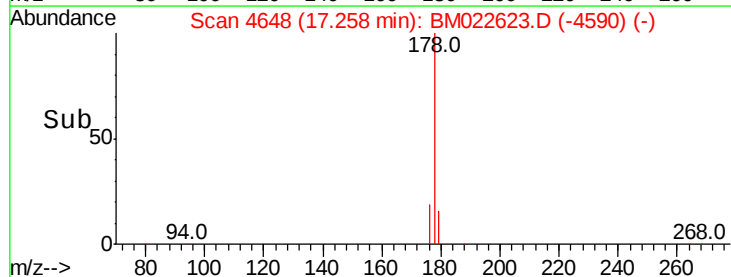
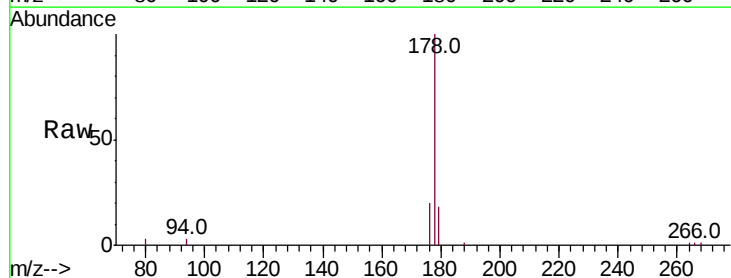
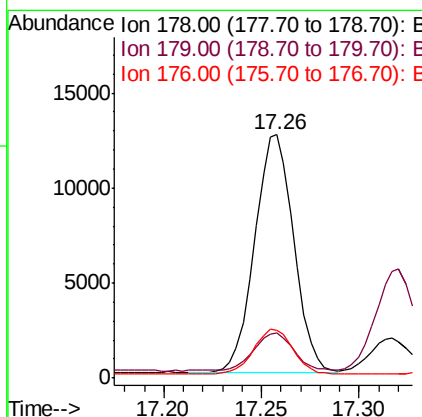
Delta R.T. -0.00 min

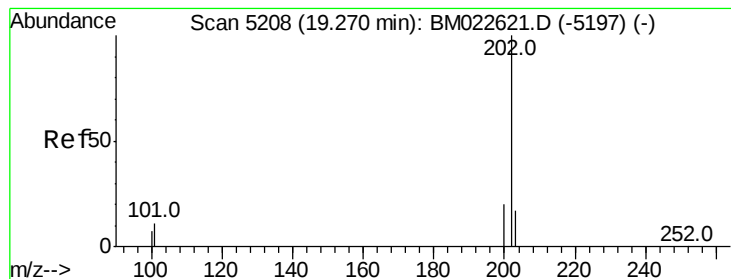
Lab File: BM022623.D

Acq: 10 Sep 2019 17:08

Tgt Ion:178 Resp: 17437

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.4	18.6
176	19.8	15.3	22.9





#15

Fluoranthene

Concen: 0.123 ng/ul

RT: 19.27 min Scan# 5208

Delta R.T. -0.00 min

Lab File: BM022623.D

Acq: 10 Sep 2019 17:08

Instrument :

BNA_M

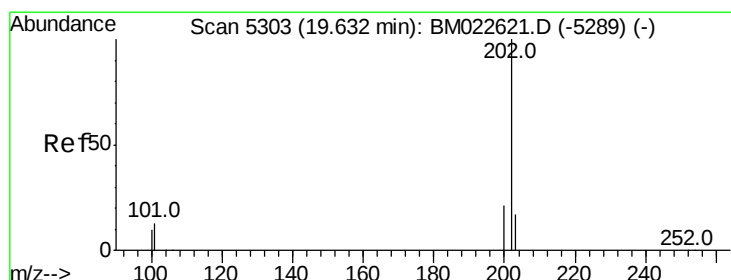
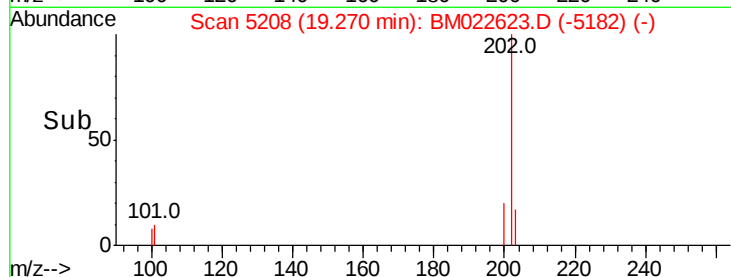
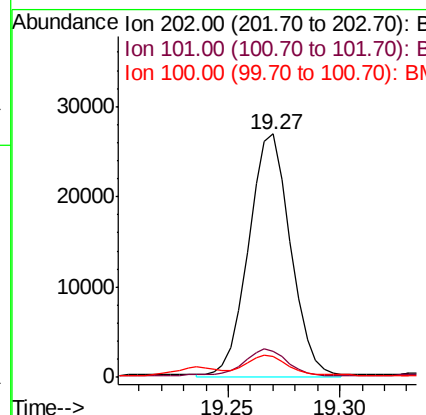
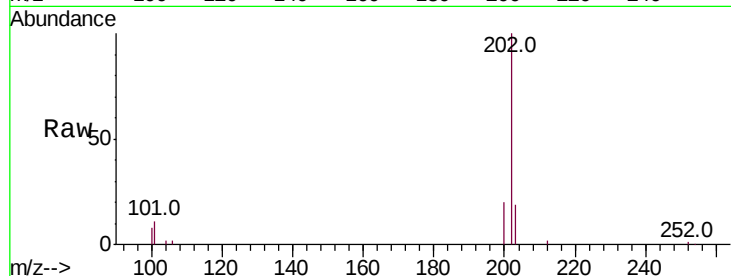
ClientSampleId :

CB5P9

Tot Ion:	202	Resp:	35444
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.5
100	8.5	0.0	28.0

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:23 AM



#17

Pyrene

Concen: 0.103 ng/ul

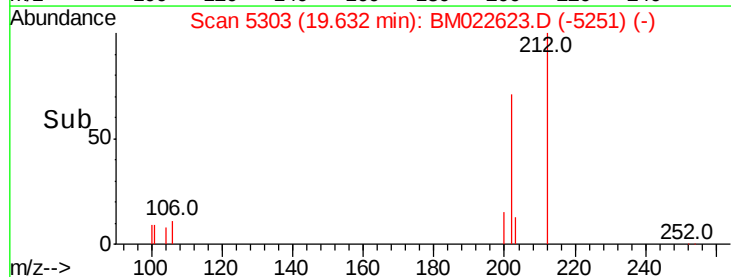
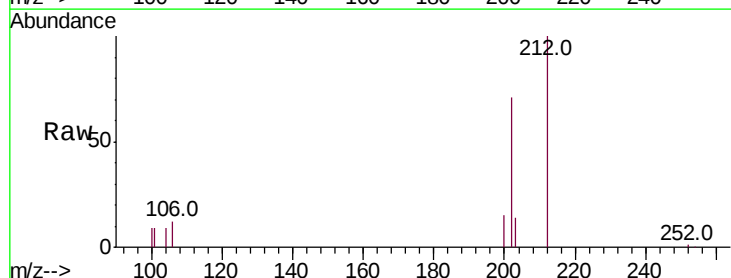
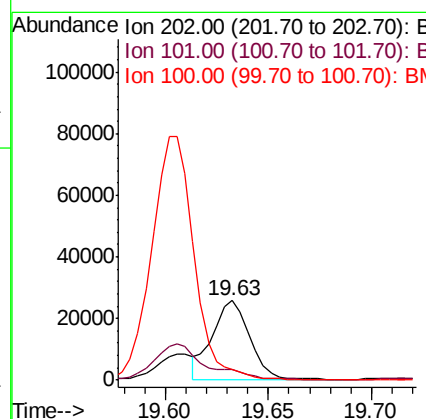
RT: 19.63 min Scan# 5303

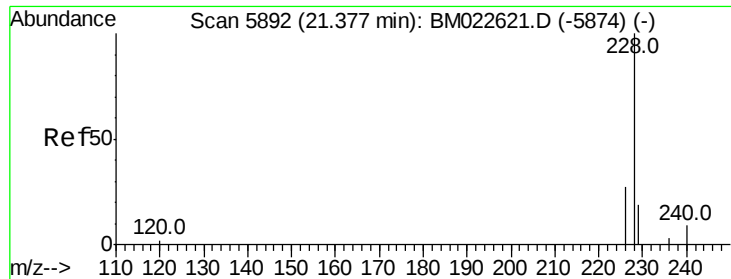
Delta R.T. -0.00 min

Lab File: BM022623.D

Acq: 10 Sep 2019 17:08

Tgt Ion:	202	Resp:	32144
Ion Ratio	Lower	Upper	
202	100		
101	13.3	10.0	15.0
100	12.9	8.1	12.1#





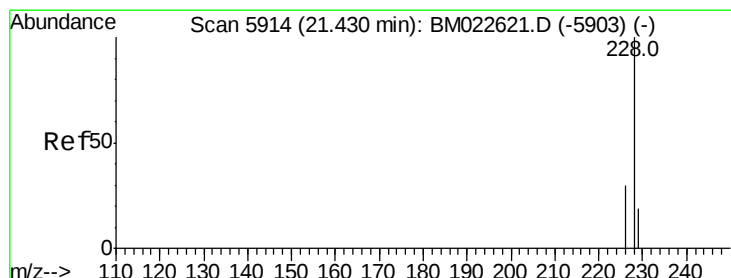
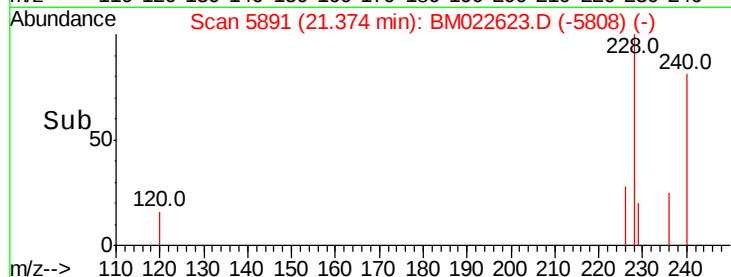
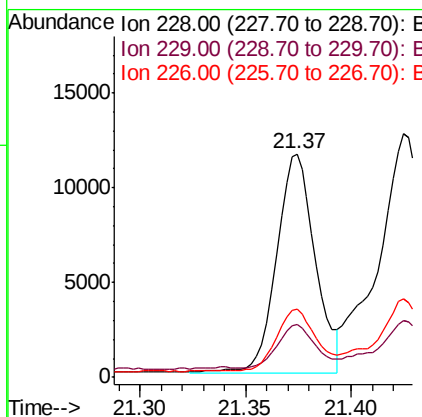
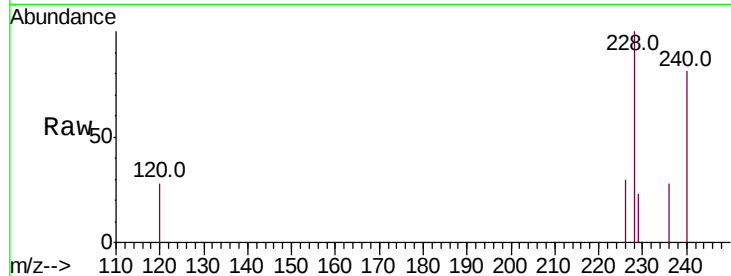
#18
Benzo(a)anthracene
Concen: 0.057 ng/ul m
RT: 21.37 min Scan# 5891
Delta R.T. -0.00 min
Lab File: BM022623.D
Acq: 10 Sep 2019 17:08

Instrument :
BNA_M
ClientSampleId :
CB5P9

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.6	23.4#
226	30.4	22.0	33.0

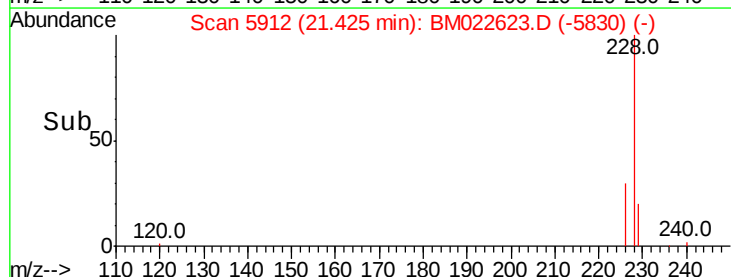
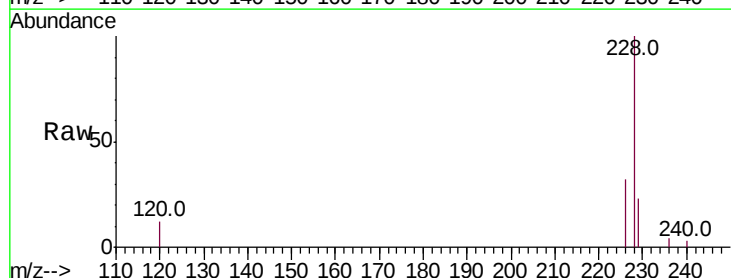
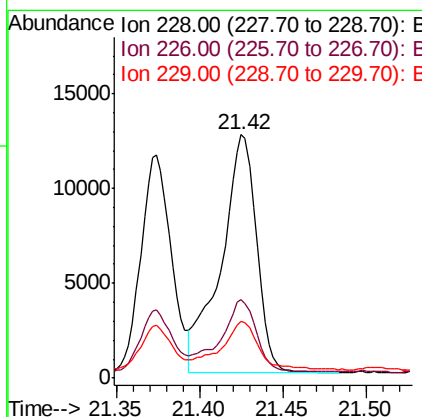
Manual Integrations
APPROVED

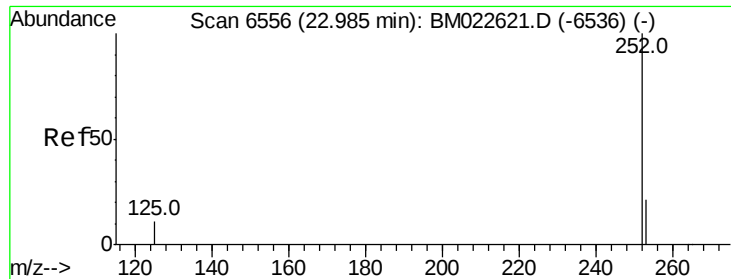
mohammad
9/11/2019 8:21:23 AM



#19
Chrysene
Concen: 0.067 ng/ul
RT: 21.42 min Scan# 5912
Delta R.T. -0.00 min
Lab File: BM022623.D
Acq: 10 Sep 2019 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.8	35.8
229	23.1	15.5	23.3





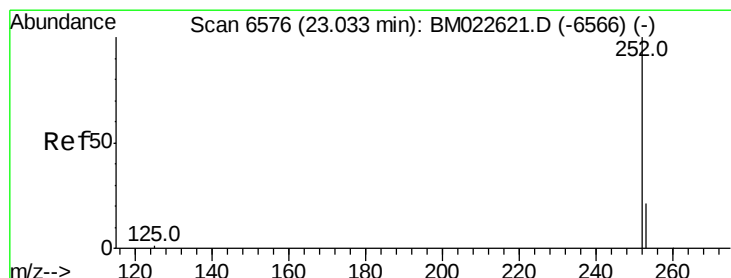
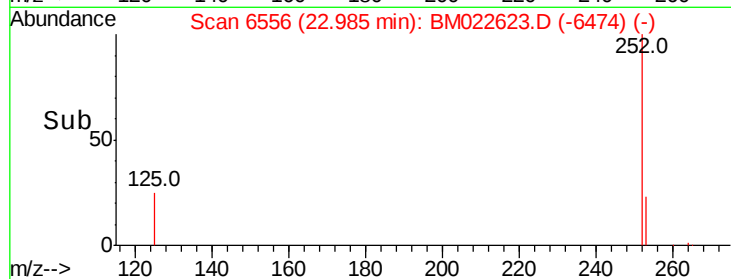
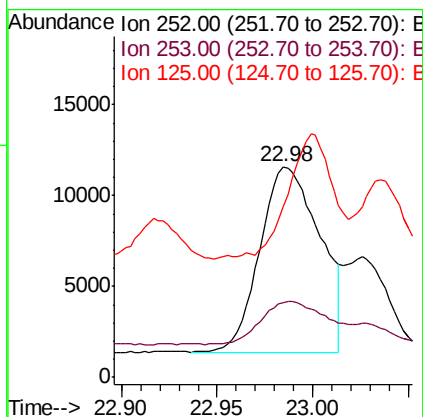
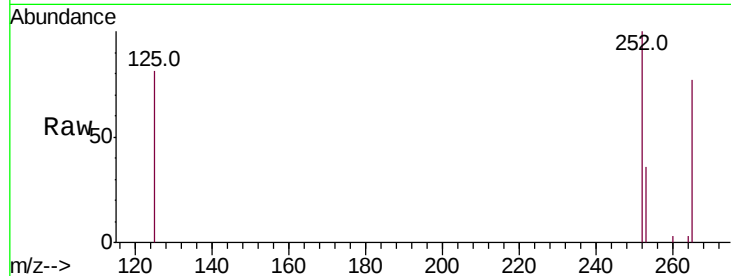
#21
Benzo(b)fluoranthene
Concen: 0.097 ng/ul m
RT: 22.98 min Scan# 6556
Delta R.T. -0.00 min
Lab File: BM022623.D
Acq: 10 Sep 2019 17:08

Instrument :
BNA_M
ClientSampleId :
CB5P9

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	35.8	0.0	48.4	
125	81.1	0.0	31.2	

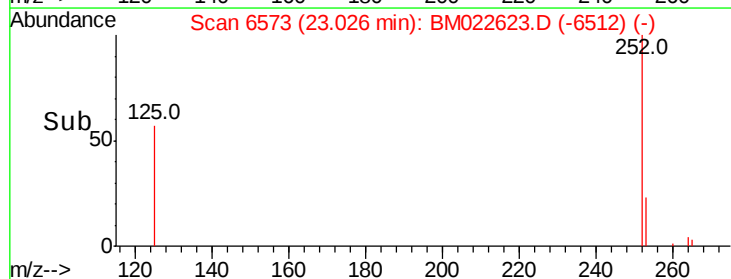
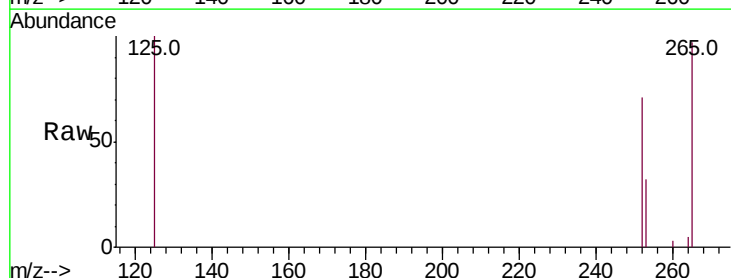
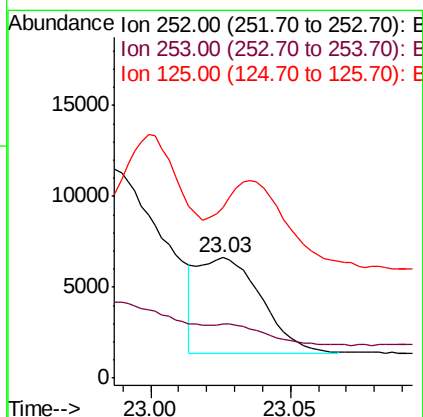
Manual Integrations
APPROVED

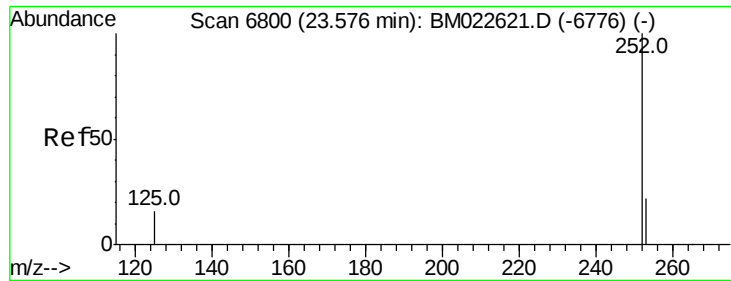
mohammad
9/11/2019 8:21:23 AM



#22
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.03 min Scan# 6573
Delta R.T. -0.00 min
Lab File: BM022623.D
Acq: 10 Sep 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	45.4	19.5	29.3	
125	141.7	11.2	16.8	





#23

Benzo(a)pyrene

Concen: 0.064 ng/u1

RT: 23.57 min Scan# 6799

Delta R.T. -0.00 min

Lab File: BM022623.D

Acq: 10 Sep 2019 17:08

Instrument :

BNA_M

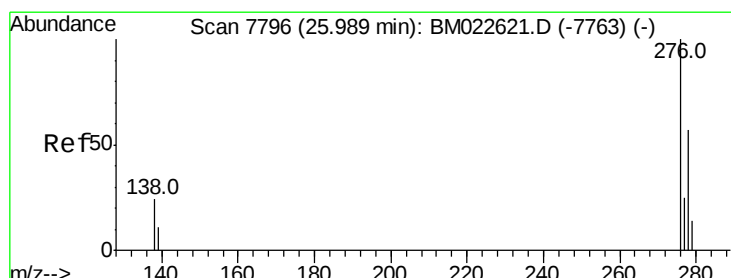
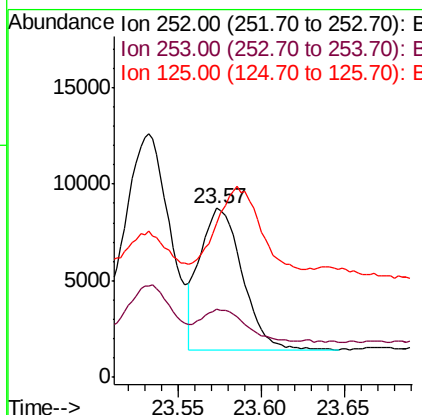
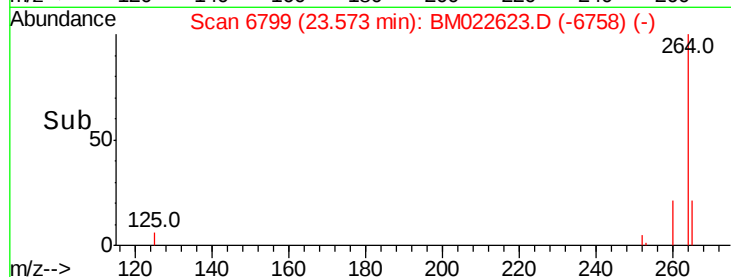
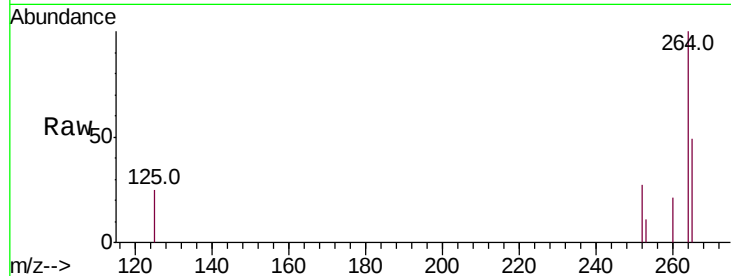
ClientSampleId :

CB5P9

Tot Ion:	252	Resp:	13055
Ion Ratio	Lower	Upper	
252	100		
253	40.4	20.2	30.2#
125	91.5	15.7	23.5#

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:23 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/u1

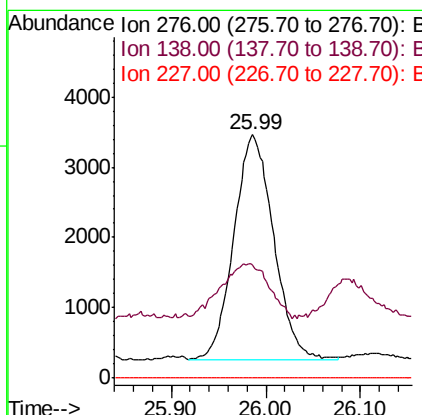
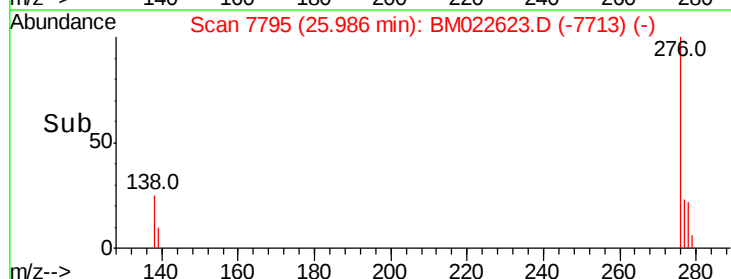
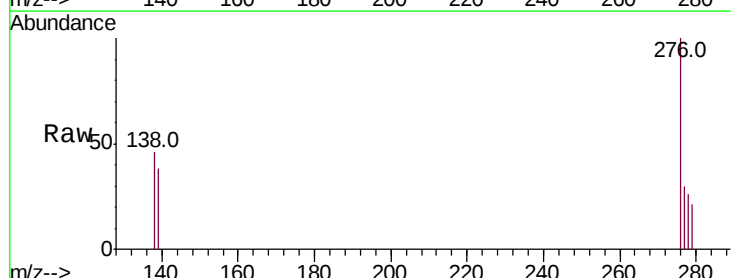
RT: 25.99 min Scan# 7795

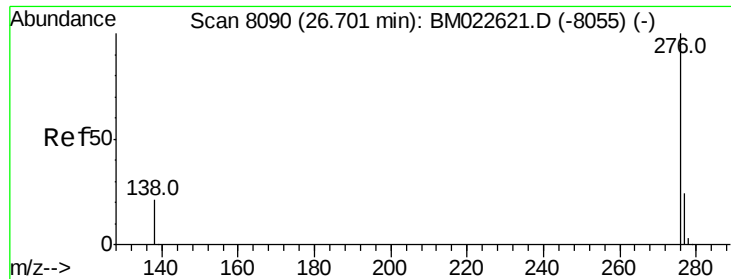
Delta R.T. -0.00 min

Lab File: BM022623.D

Acq: 10 Sep 2019 17:08

Tgt Ion:	276	Resp:	9375
Ion Ratio	Lower	Upper	
276	100		
138	29.6	21.1	31.7
227	0.0	0.0	0.0





#26
 Benzo(a,h,i)perylene
 Concen: 0.046 ng/ul
 RT: 26.69 min Scan# 8087
 Delta R.T. -0.00 min
 Lab File: BM022623.D
 Acq: 10 Sep 2019 17:08

Instrument :
 BNA_M
 ClientSampleId :
 CB5P9

Tot Ion	Ratio	Lower	Upper
276	100		
138	42.1	18.2	27.4#
277	31.4	19.2	28.8#

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:23 AM

