

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022628.D
 Acq On : 10 Sep 2019 20:11
 Operator : HP/JU
 Sample : K4708-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q3

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:42 AM

Quant Time: Sep 10 20:48:16 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	18289	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	76462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	40539	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	86128m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	65016m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	56227m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	34350	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	63506m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.25	178	14001m	0.051	ng/ul	
15) Fluoranthene	19.27	202	28726m	0.097	ng/ul	
17) Pyrene	19.63	202	25164	0.085	ng/ul#	95
18) Benzo(a)anthracene	21.37	228	11639m	0.047	ng/ul	
19) Chrysene	21.42	228	15389	0.059	ng/ul	95
21) Benzo(b)fluoranthene	22.98	252	20437m	0.084	ng/ul	
22) Benzo(k)fluoranthene	23.02	252	7151m	0.029	ng/ul	
23) Benzo(a)pyrene	23.57	252	11396	0.053	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.98	276	9441	0.036	ng/ul#	72
26) Benzo(g,h,i)perylene	26.69	276	9835	0.047	ng/ul#	70

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

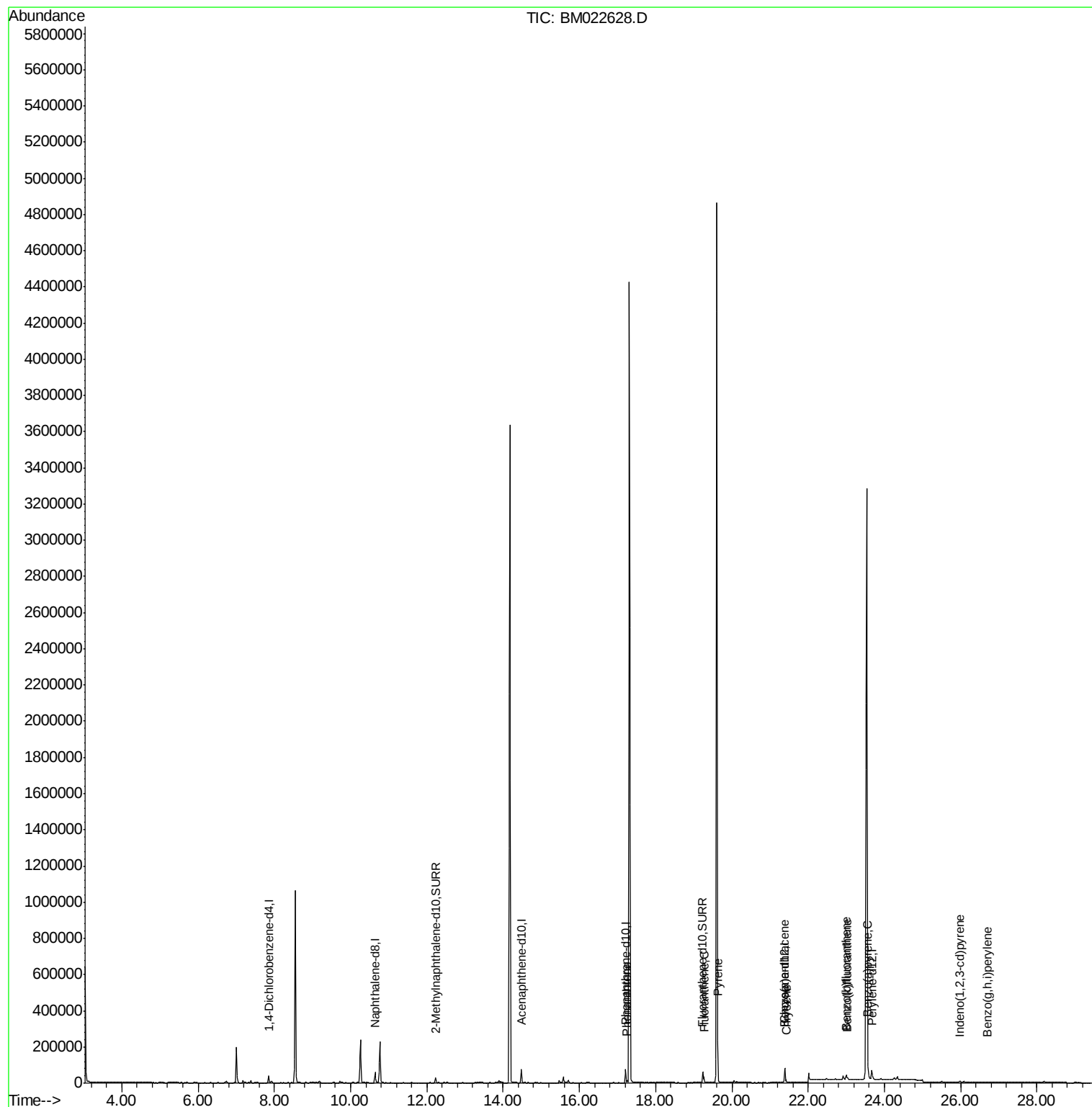
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022628.D
Acq On : 10 Sep 2019 20:11
Operator : HP/JU
Sample : K4708-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

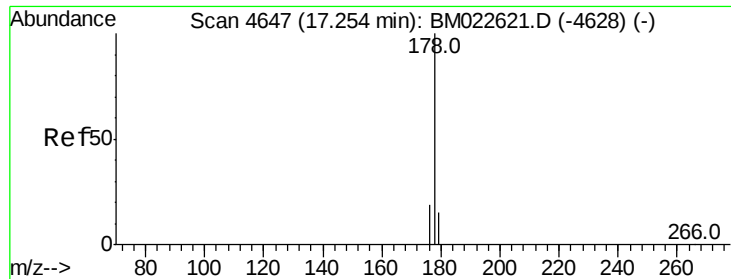
Instrument :
BNA_M
ClientSampleId :
CB5Q3

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:42 AM

Quant Time: Sep 10 20:48:16 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





#12

Phenanthrene

Concen: 0.051 ng/ul m

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022628.D

Acq: 10 Sep 2019 20:11

Instrument :

BNA_M

ClientSampleId :

CB5Q3

Tot Ion:178 Resp: 14001

Ion Ratio Lower Upper

178 100

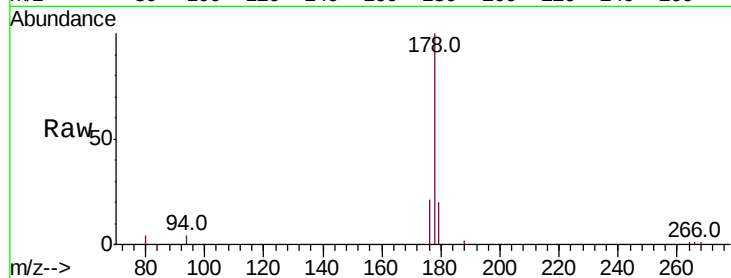
179 19.7 12.4 18.6#

176 20.6 15.3 22.9

Manual Integrations
APPROVED

mohammad

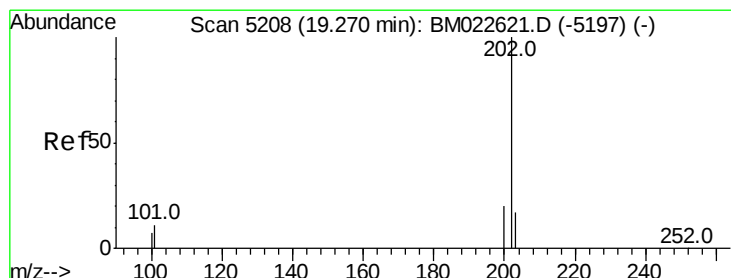
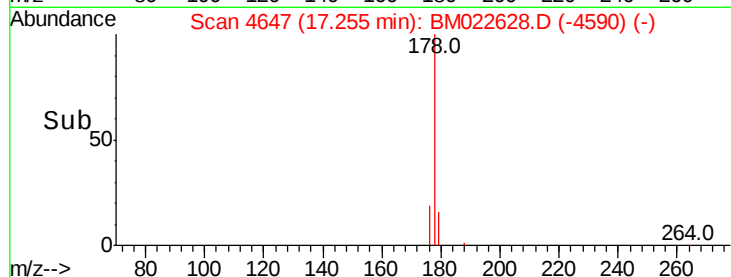
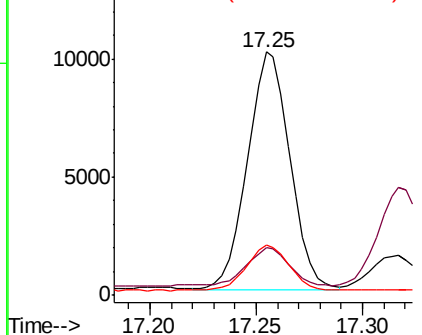
9/11/2019 8:21:42 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.097 ng/ul m

RT: 19.27 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BM022628.D

Acq: 10 Sep 2019 20:11

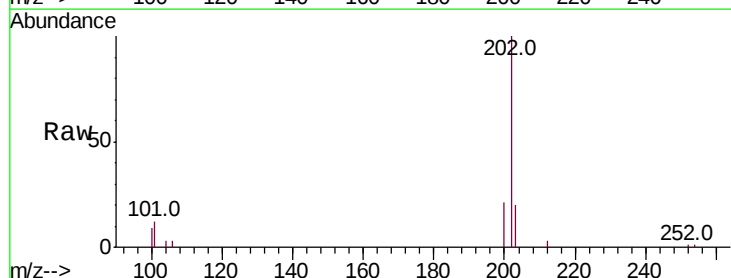
Tgt Ion:202 Resp: 28726

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.5

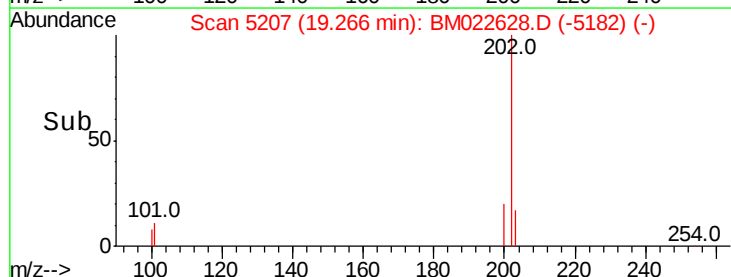
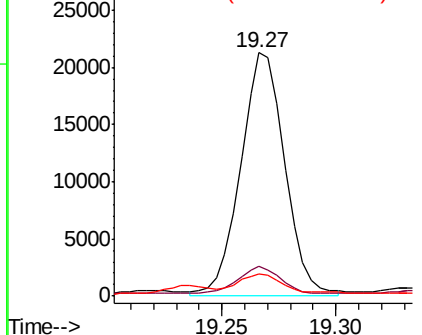
100 9.1 0.0 28.0

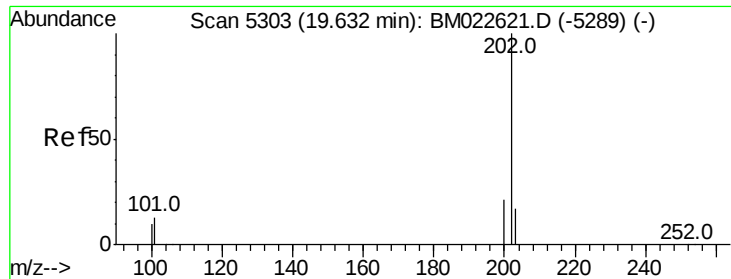


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





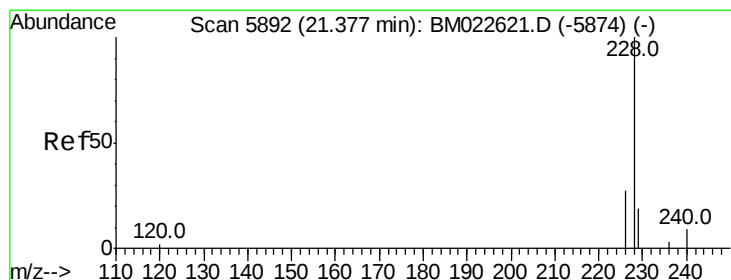
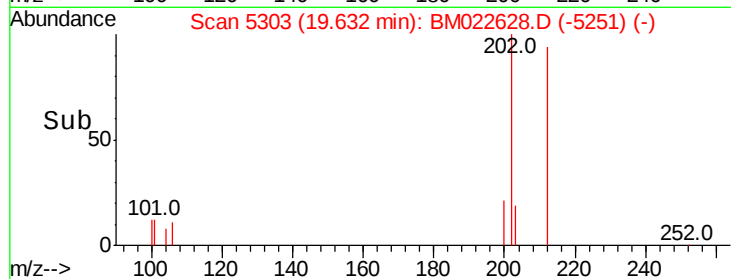
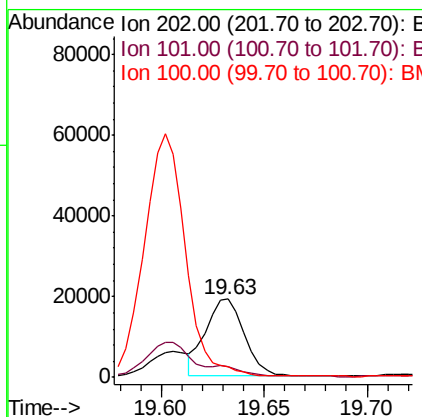
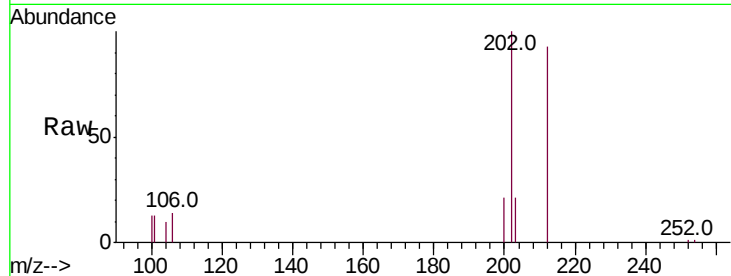
#17
Pvrene
Concen: 0.085 ng/ul
RT: 19.63 min Scan# 5303
Delta R.T. 0.00 min
Lab File: BM022628.D
Acq: 10 Sep 2019 20:11

Instrument :
BNA_M
ClientSampleId :
CB5Q3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	25164		
101	13.4	10.0	15.0	
100	13.2	8.1	12.1	

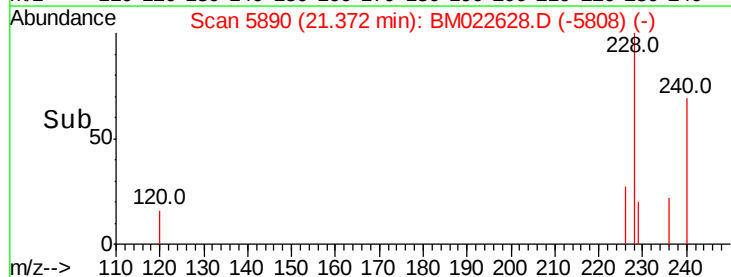
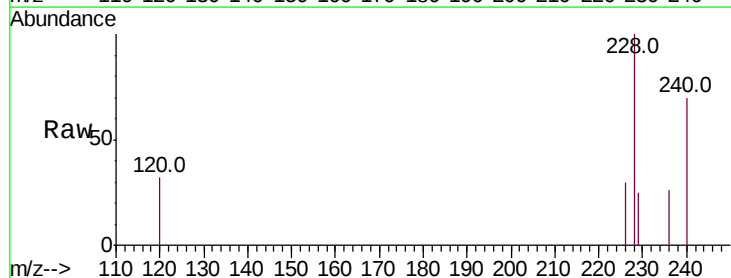
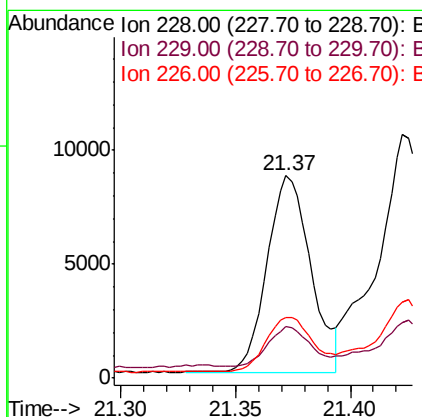
Manual Integrations
APPROVED

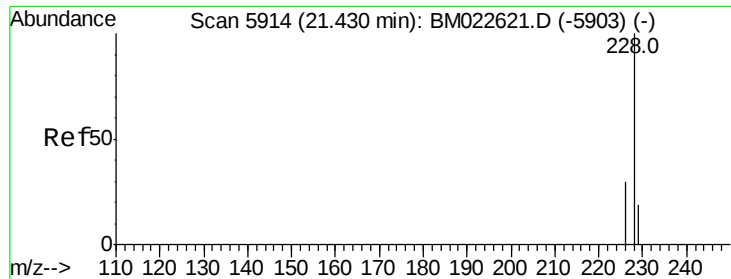
mohammad
9/11/2019 8:21:42 AM



#18
Benzo(a)anthracene
Concen: 0.047 ng/ul m
RT: 21.37 min Scan# 5890
Delta R.T. -0.00 min
Lab File: BM022628.D
Acq: 10 Sep 2019 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	11639		
229	25.3	15.6	23.4	
226	30.0	22.0	33.0	





#19

Chrysene

Concen: 0.059 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. -0.00 min

Lab File: BM022628.D

Acq: 10 Sep 2019 20:11

Instrument :

BNA_M

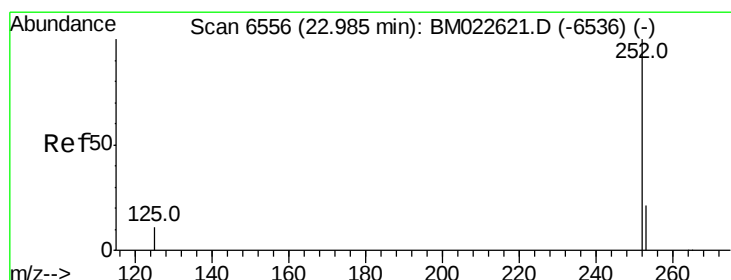
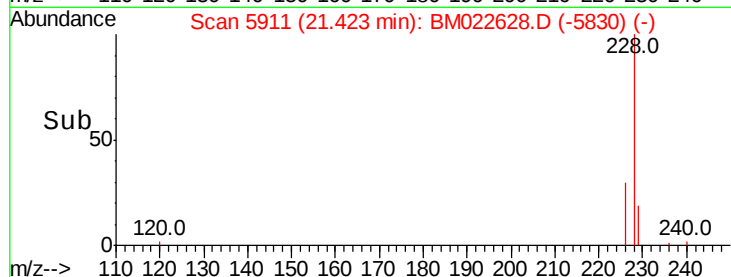
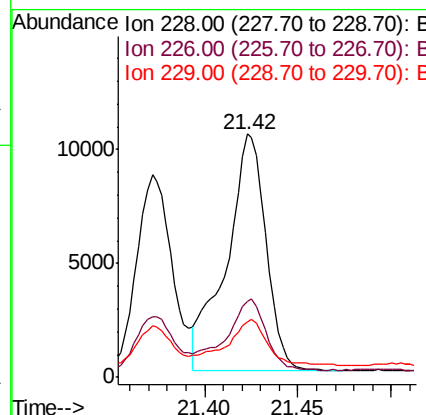
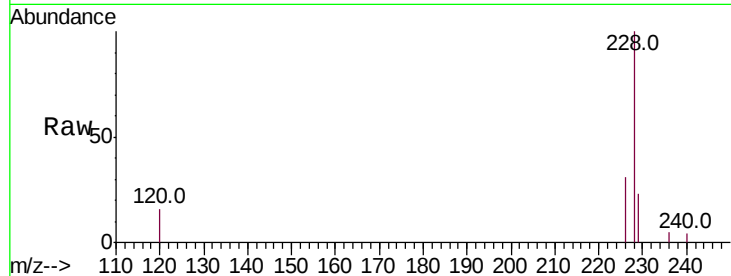
ClientSampleId :

CB5Q3

Tot Ion:	228	Resp:	15389
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.8	35.8
229	23.0	15.5	23.3

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:42 AM



#21

Benzo(b)fluoranthene

Concen: 0.084 ng/ul m

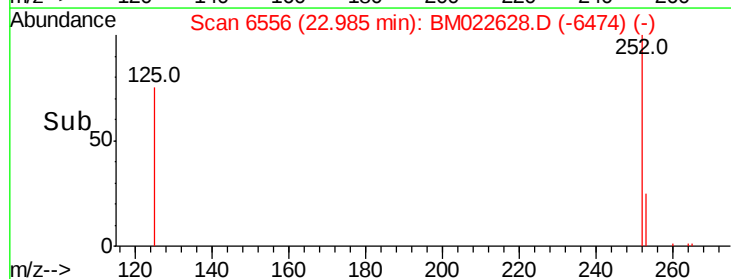
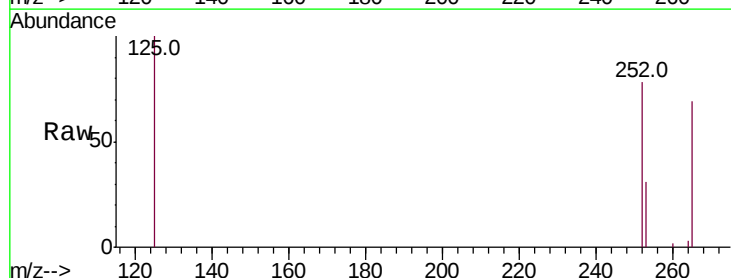
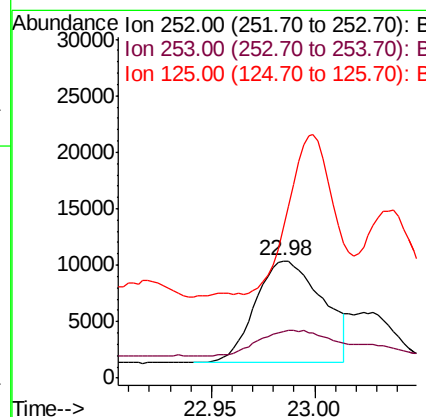
RT: 22.98 min Scan# 6556

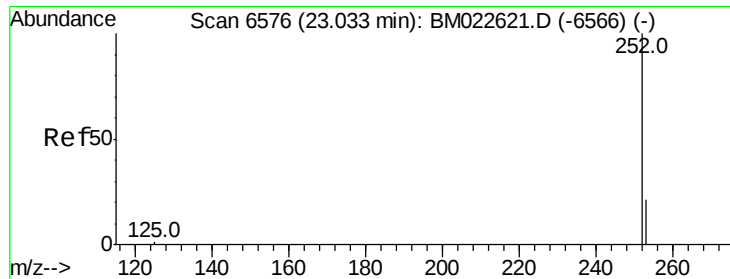
Delta R.T. -0.00 min

Lab File: BM022628.D

Acq: 10 Sep 2019 20:11

Tgt Ion:	252	Resp:	20437
Ion Ratio	Lower	Upper	
252	100		
253	40.0	0.0	48.4
125	128.0	0.0	31.2#





#22

Benzo(k)fluoranthene

Concen: 0.029 ng/ul m

RT: 23.02 min Scan# 6572

Delta R.T. -0.00 min

Lab File: BM022628.D

Acq: 10 Sep 2019 20:11

Instrument :

BNA_M

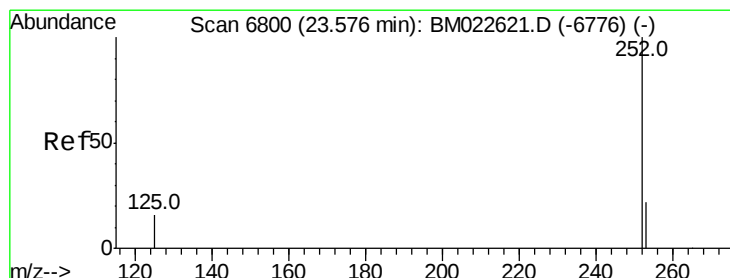
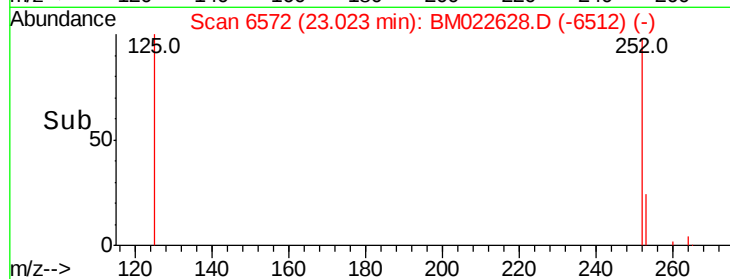
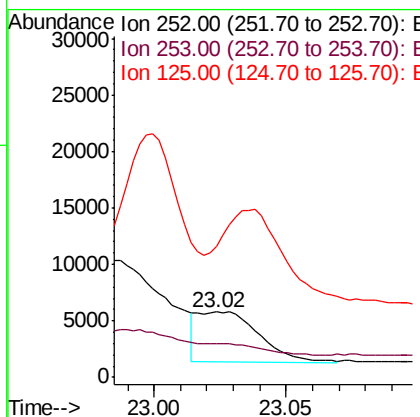
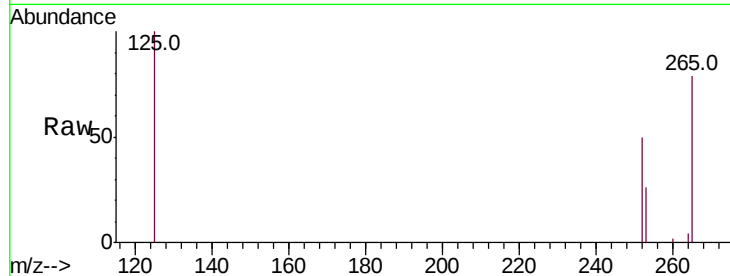
ClientSampleId :

CB5Q3

Tot Ion:	252	Resp:	7151
Ion Ratio	Lower	Upper	
252	100		
253	51.9	19.5	29.3#
125	200.5	11.2	16.8#

Manual Integrations
APPROVED

mohammad
9/11/2019 8:21:42 AM



#23

Benzo(a)pyrene

Concen: 0.053 ng/ul

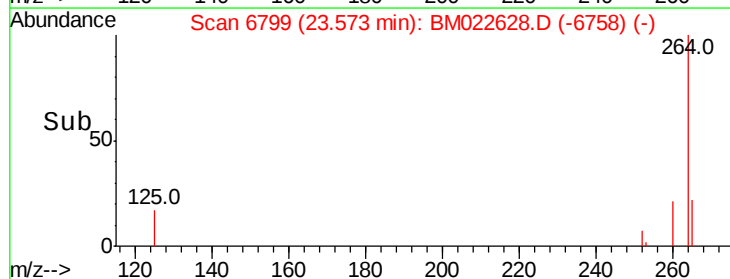
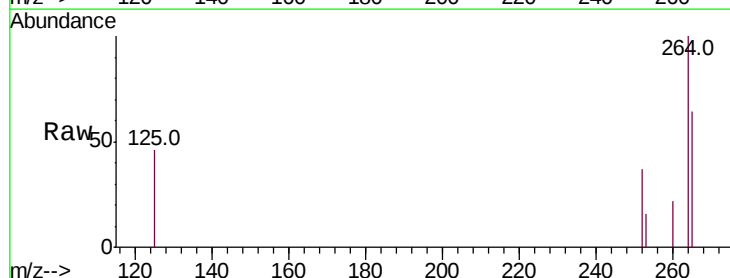
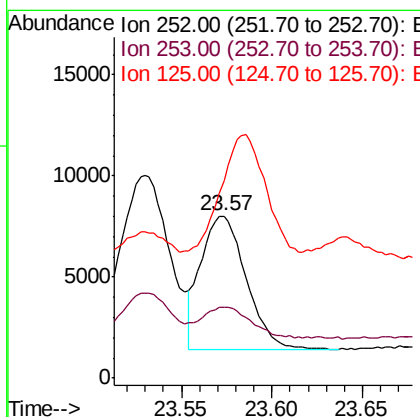
RT: 23.57 min Scan# 6799

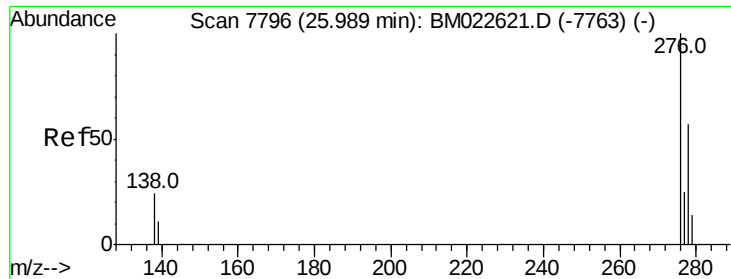
Delta R.T. 0.00 min

Lab File: BM022628.D

Acq: 10 Sep 2019 20:11

Tgt Ion:	252	Resp:	11396
Ion Ratio	Lower	Upper	
252	100		
253	43.4	20.2	30.2#
125	122.4	15.7	23.5#





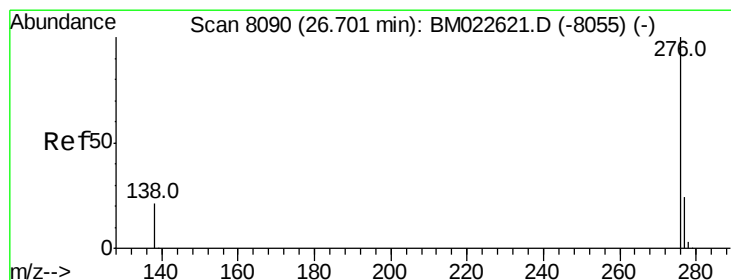
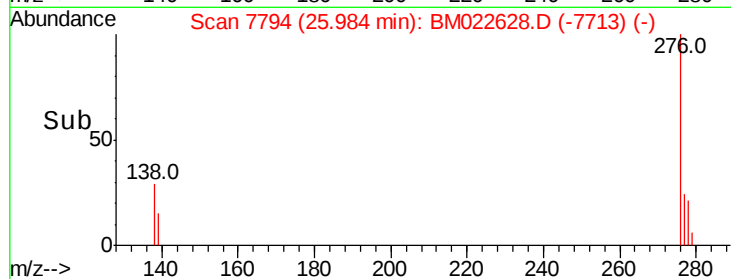
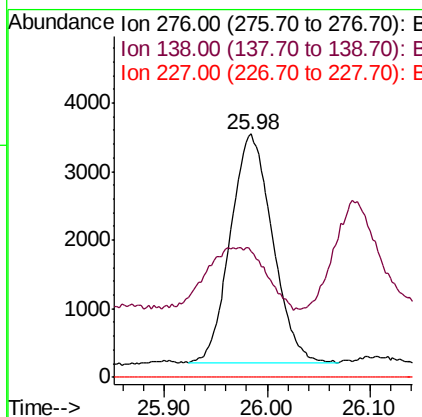
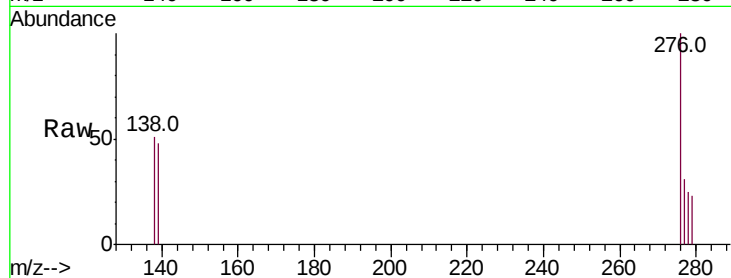
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.036 ng/uL
 RT: 25.98 min Scan# 7794
 Delta R.T. -0.00 min
 Lab File: BM022628.D
 Acq: 10 Sep 2019 20:11

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q3

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.9	21.1	31.7#
227	0.0	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:42 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/uL
 RT: 26.69 min Scan# 8087
 Delta R.T. -0.00 min
 Lab File: BM022628.D
 Acq: 10 Sep 2019 20:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.3	18.2	27.4#
277	31.0	19.2	28.8#

