

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022629.D
 Acq On : 10 Sep 2019 20:48
 Operator : HP/JU
 Sample : K4708-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q4

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:47 AM

Quant Time: Sep 10 21:25:06 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	18292	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	76480	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	40487	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	85653m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	64277m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	66096	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	25876	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	58199m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.25	178	16214m	0.059	ng/ul	
15) Fluoranthene	19.27	202	42811m	0.145	ng/ul	
17) Pyrene	19.63	202	38588m	0.132	ng/ul	
18) Benzo(a)anthracene	21.37	228	18261m	0.074	ng/ul	
19) Chrysene	21.42	228	21921	0.085	ng/ul	94
21) Benzo(b)fluoranthene	22.99	252	33899m	0.118	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	12328m	0.042	ng/ul	
23) Benzo(a)pyrene	23.58	252	19350	0.077	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.99	276	16128	0.053	ng/ul#	49
26) Benzo(g,h,i)perylene	26.70	276	13302	0.054	ng/ul#	74

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

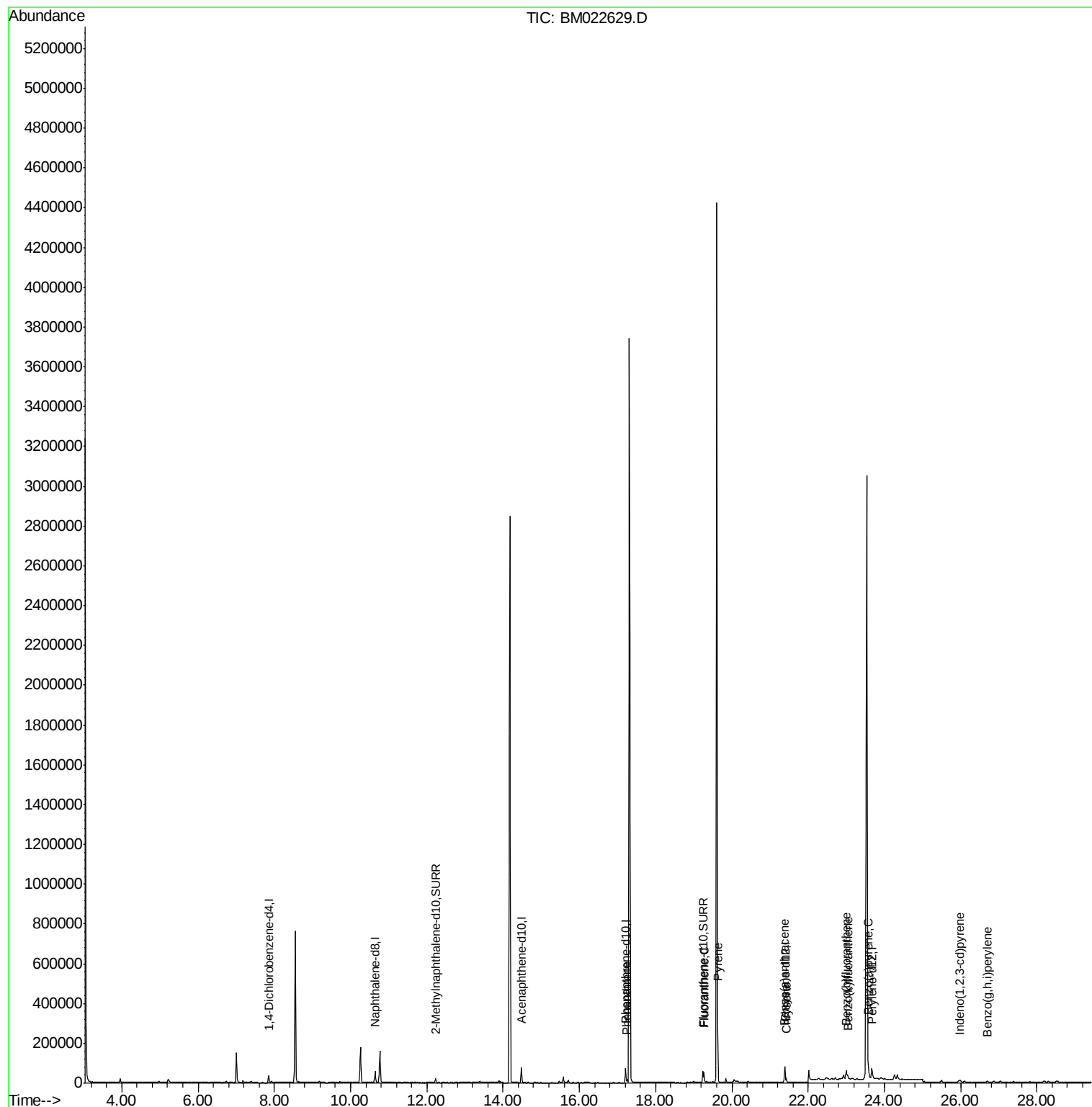
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022629.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

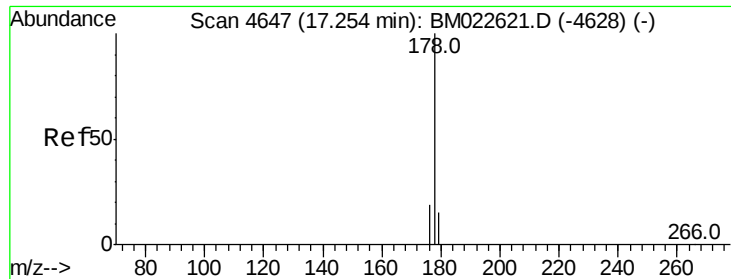
Instrument :
BNA_M
ClientSampleId :
CB5Q4

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#12

Phenanthrene

Concen: 0.059 ng/ul m

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022629.D

Acq: 10 Sep 2019 20:48

Instrument :

BNA_M

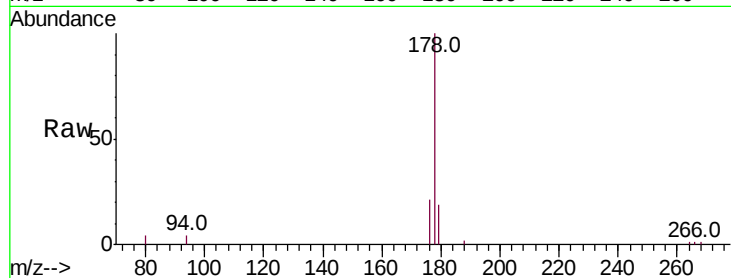
ClientSampleId :

CB5Q4

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.4	18.6#
176	21.0	15.3	22.9

Manual Integrations
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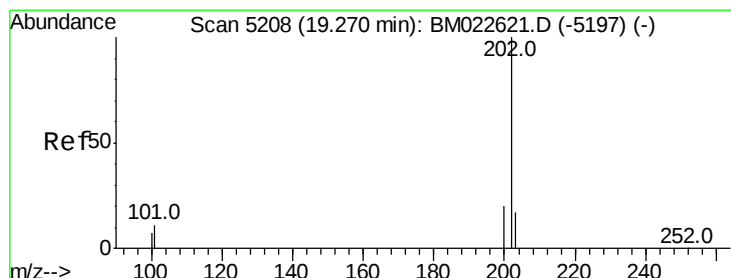
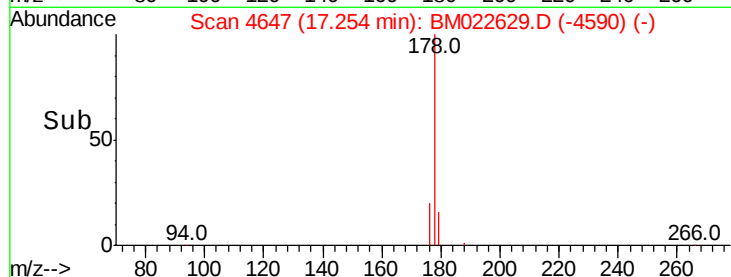
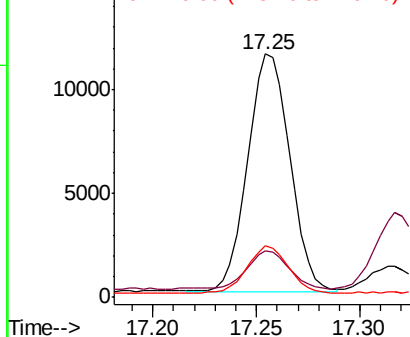


Abundance

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: 0.145 ng/ul m

RT: 19.27 min Scan# 5208

Delta R.T. -0.00 min

Lab File: BM022629.D

Acq: 10 Sep 2019 20:48

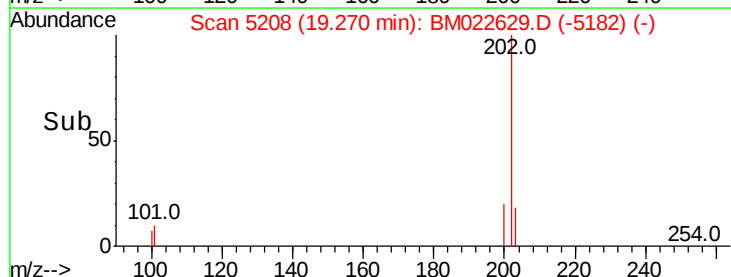
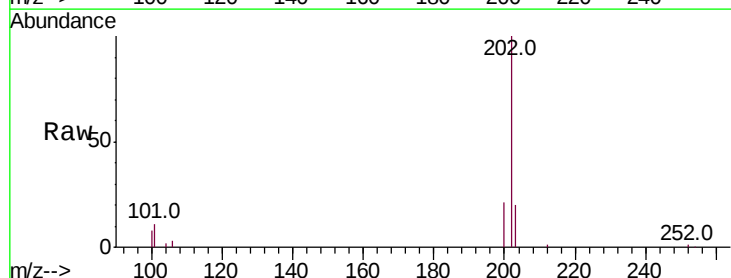
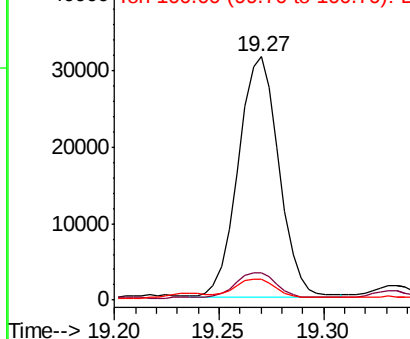
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.5
100	8.3	0.0	28.0

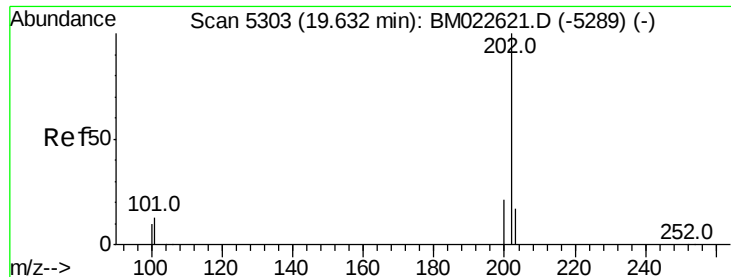
Abundance

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





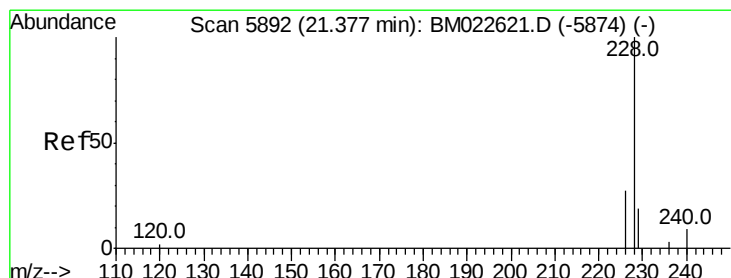
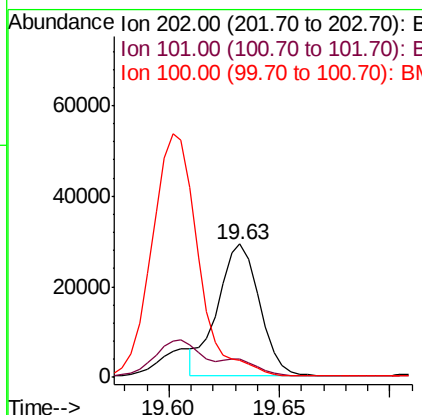
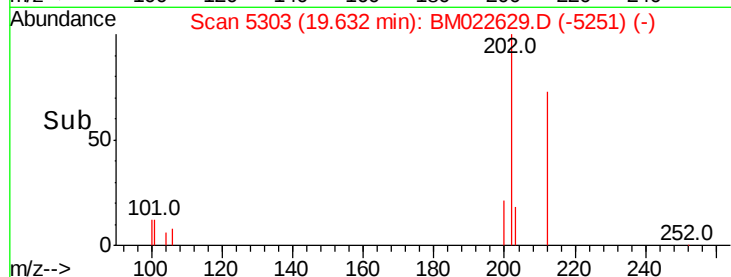
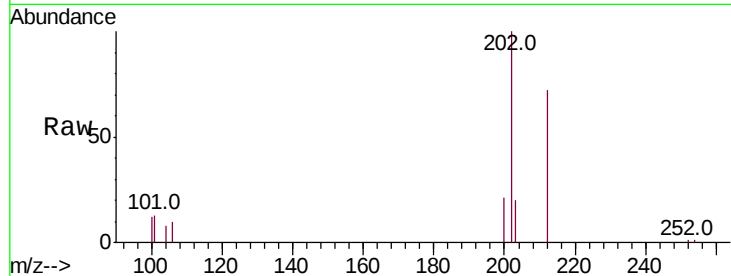
#17
Pvrene
Concen: 0.132 ng/ul m
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022629.D
Acq: 10 Sep 2019 20:48

Instrument :
BNA_M
ClientSampleId :
CB5Q4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	10.0	15.0
100	12.3	8.1	12.1#

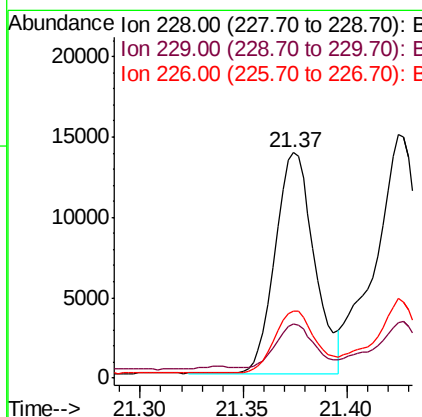
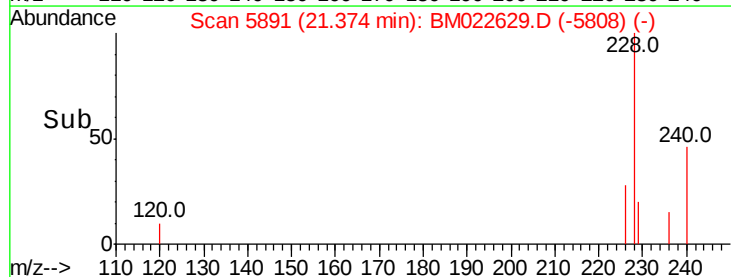
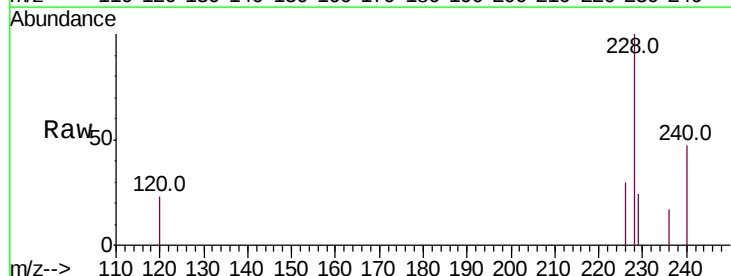
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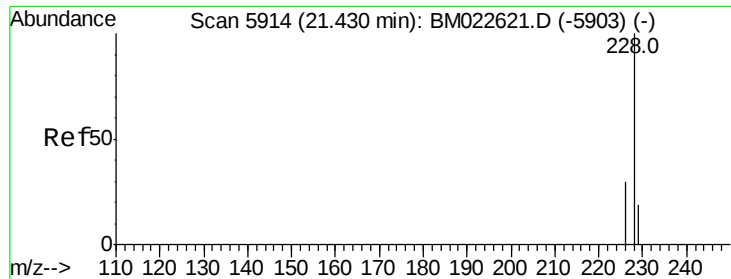
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#18
Benzo(a)anthracene
Concen: 0.074 ng/ul m
RT: 21.37 min Scan# 5891
Delta R.T. -0.00 min
Lab File: BM022629.D
Acq: 10 Sep 2019 20:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.8	15.6	23.4#
226	29.5	22.0	33.0





#19

Chrysene

Concen: 0.085 ng/ul

RT: 21.42 min Scan# 5912

Delta R.T. -0.00 min

Lab File: BM022629.D

Acq: 10 Sep 2019 20:48

Instrument :

BNA_M

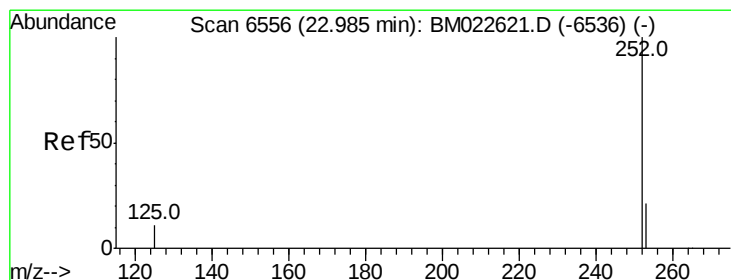
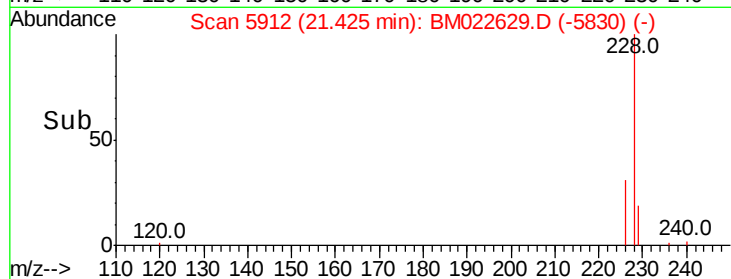
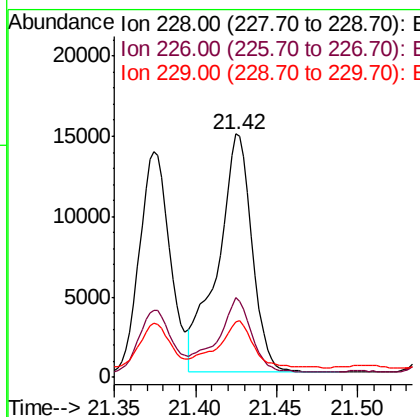
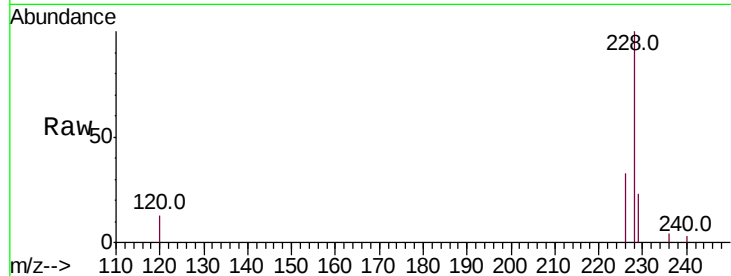
ClientSampleId :

CB5Q4

Tot Ion:228	Resp:	21921
Ion Ratio	Lower	Upper
228 100		
226 32.5	23.8	35.8
229 22.8	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.118 ng/ul m

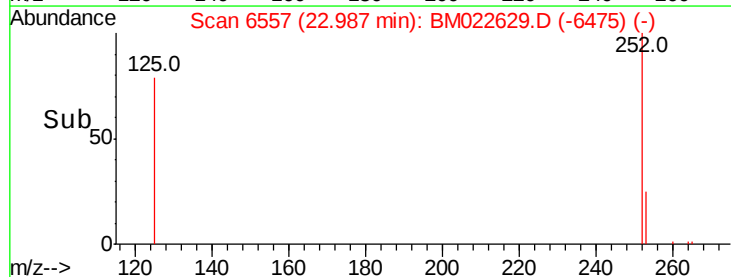
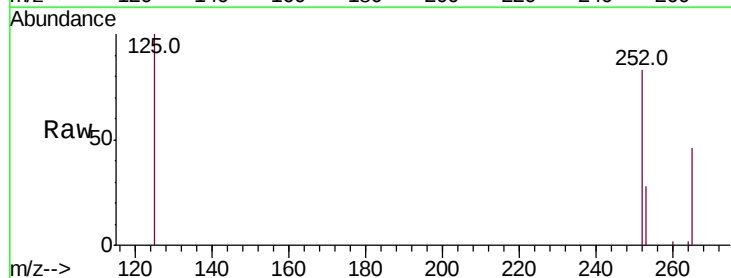
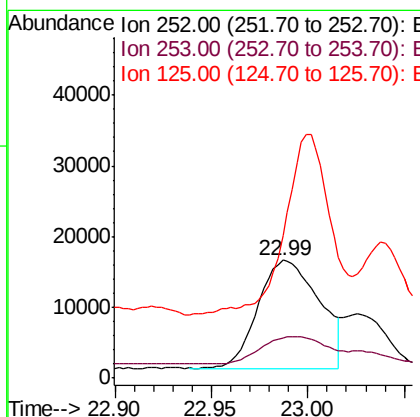
RT: 22.99 min Scan# 6557

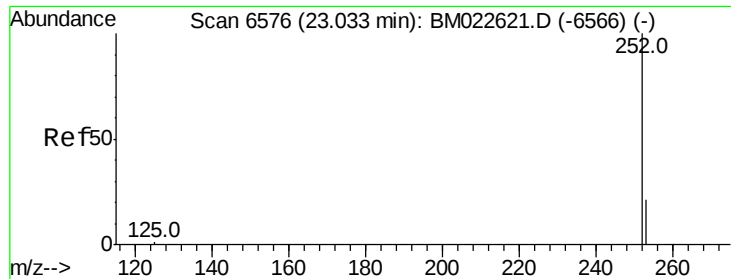
Delta R.T. -0.00 min

Lab File: BM022629.D

Acq: 10 Sep 2019 20:48

Tgt Ion:252	Resp:	33899
Ion Ratio	Lower	Upper
252 100		
253 34.4	0.0	48.4
125 120.7	0.0	31.2#





#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul m

RT: 23.03 min Scan# 6573

Delta R.T. -0.00 min

Lab File: BM022629.D

Acq: 10 Sep 2019 20:48

Instrument :

BNA_M

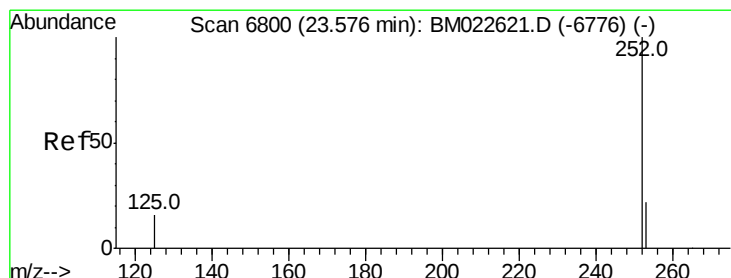
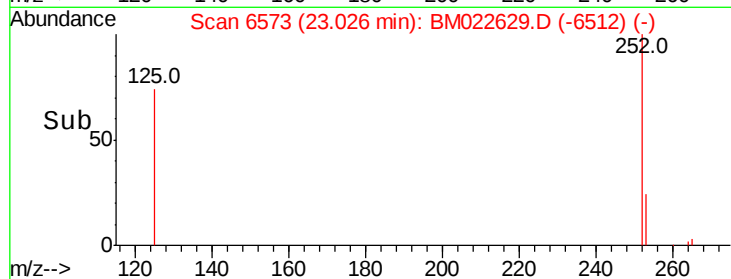
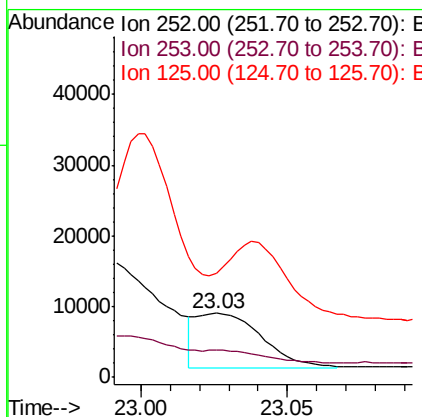
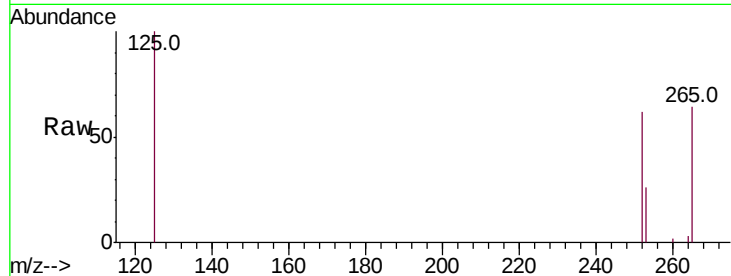
ClientSampleId :

CB5Q4

Tot Ion	Ratio	Lower	Upper
252	100		
253	41.7	19.5	29.3#
125	162.4	11.2	16.8#

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#23

Benzo(a)pyrene

Concen: 0.077 ng/ul

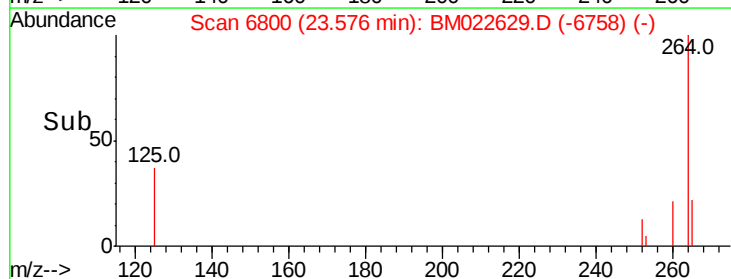
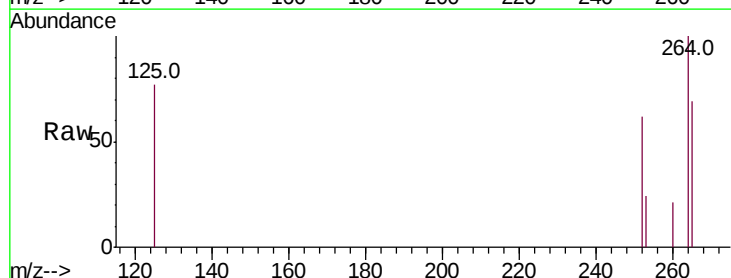
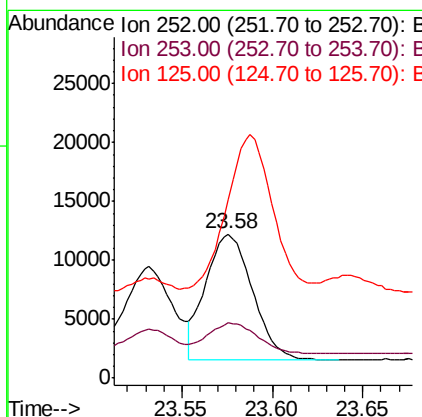
RT: 23.58 min Scan# 6800

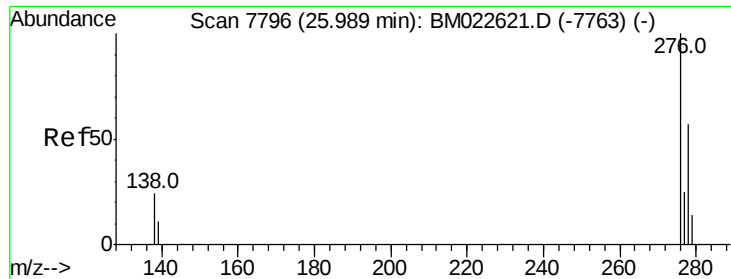
Delta R.T. 0.00 min

Lab File: BM022629.D

Acq: 10 Sep 2019 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.1	20.2	30.2#
125	124.2	15.7	23.5#





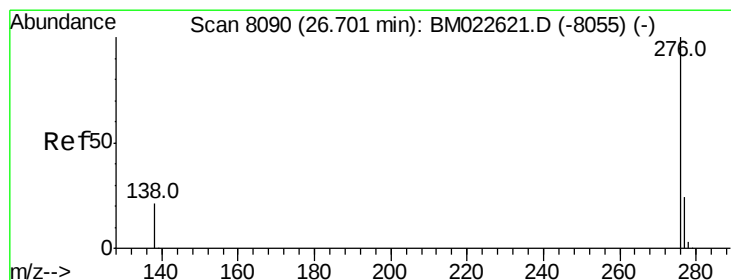
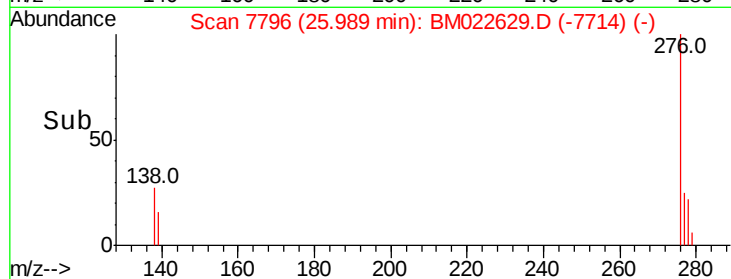
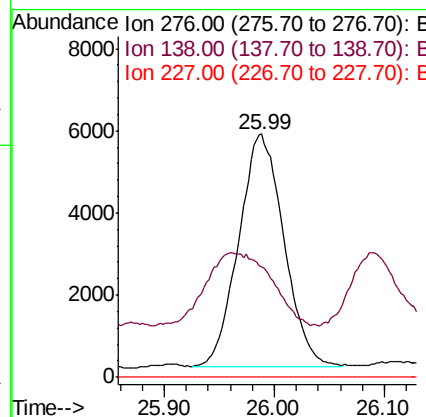
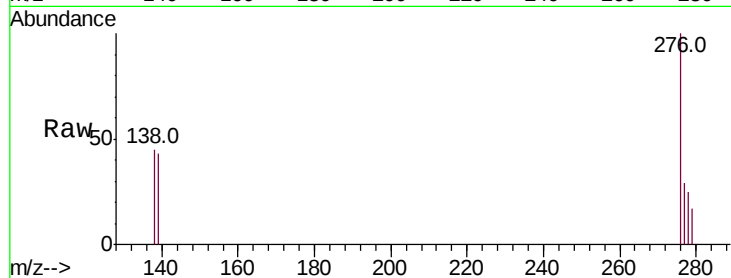
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.053 ng/uL
 RT: 25.99 min Scan# 7796
 Delta R.T. -0.00 min
 Lab File: BM022629.D
 Acq: 10 Sep 2019 20:48

Instrument :
 BNA_M
 ClientSampleID :
 CB5Q4

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.054 ng/uL
 RT: 26.70 min Scan# 8088
 Delta R.T. -0.00 min
 Lab File: BM022629.D
 Acq: 10 Sep 2019 20:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.3	18.2	27.4#
277	29.9	19.2	28.8#

