

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022627.D
 Acq On : 10 Sep 2019 19:35
 Operator : HP/JU
 Sample : K4708-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q2

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:38 AM

Quant Time: Sep 10 20:12:15 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	17291	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	71277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	37548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	80543m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	65993m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	71490	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	35305	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	69138m	0.31	ng/ul	0.00
Target Compounds					Ovalue	
12) Phenanthrene	17.25	178	17161m	0.067	ng/ul	
15) Fluoranthene	19.27	202	41562m	0.150	ng/ul	
17) Pyrene	19.63	202	40097m	0.134	ng/ul	
18) Benzo(a)anthracene	21.37	228	18198	0.072	ng/ul	95
19) Chrysene	21.43	228	24358	0.092	ng/ul	94
21) Benzo(b)fluoranthene	22.99	252	34928m	0.112	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	11839m	0.037	ng/ul	
23) Benzo(a)pyrene	23.57	252	21087	0.078	ng/ul#	10
24) Indeno(1,2,3-cd)pyrene	25.99	276	17900	0.054	ng/ul#	90
26) Benzo(g,h,i)perylene	26.70	276	18446	0.070	ng/ul#	82

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

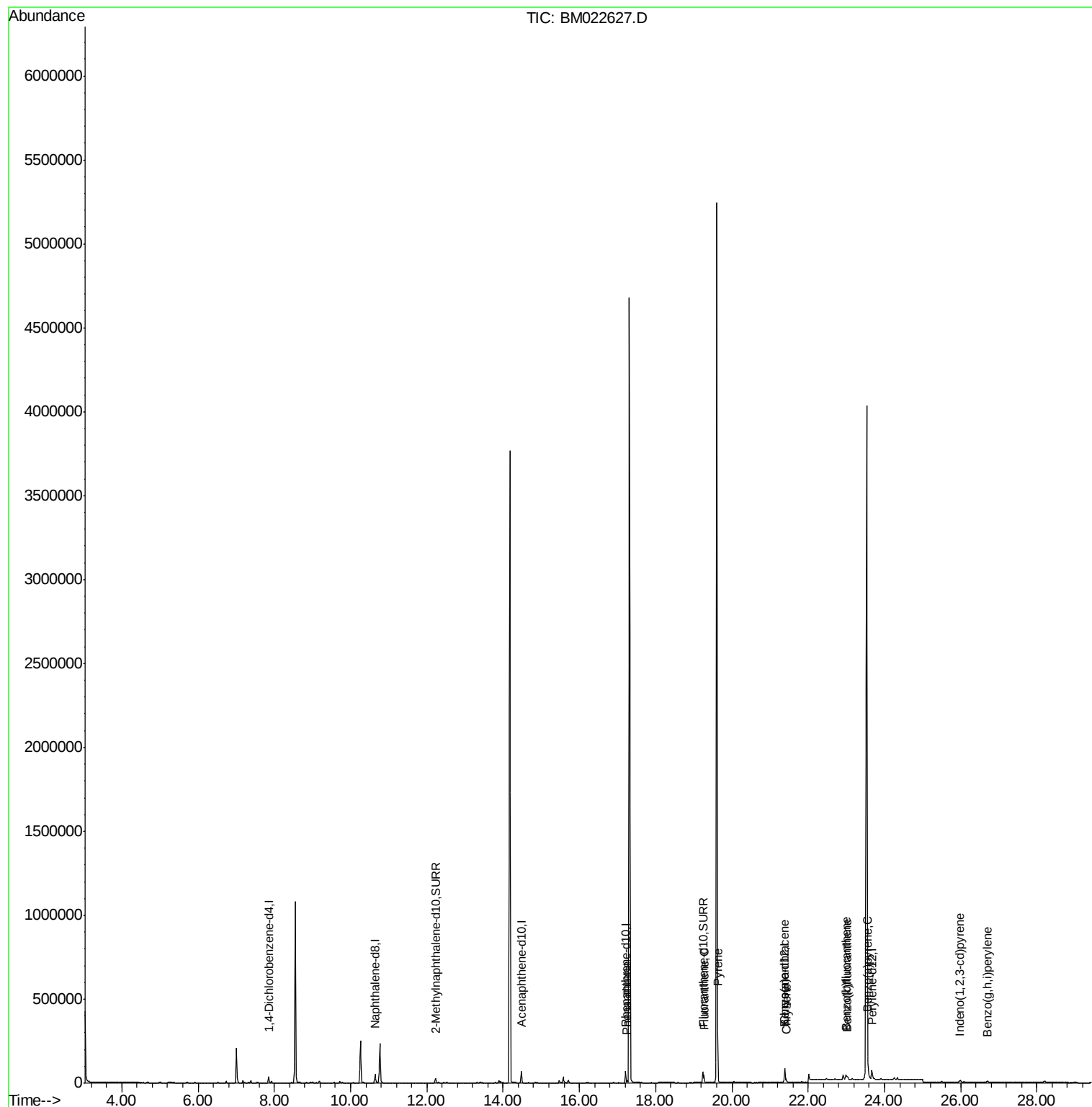
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

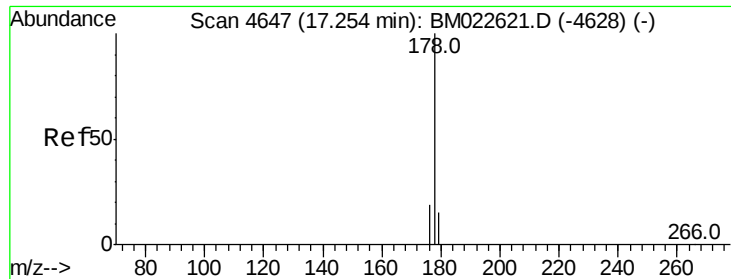
Instrument :
BNA_M
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#12

Phenanthrene

Concen: 0.067 ng/ul m

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022627.D

Acq: 10 Sep 2019 19:35

Instrument :

BNA_M

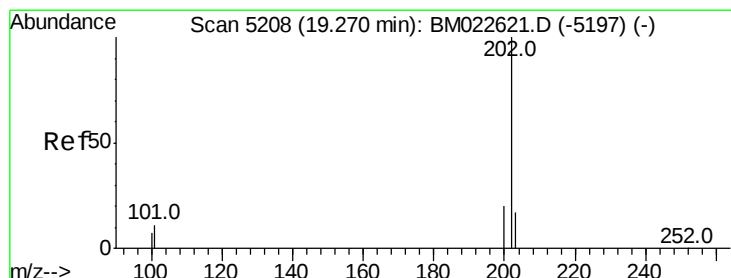
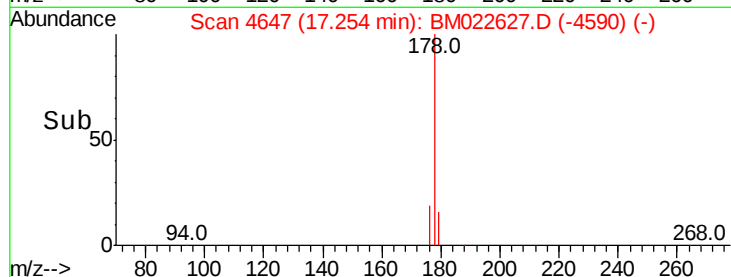
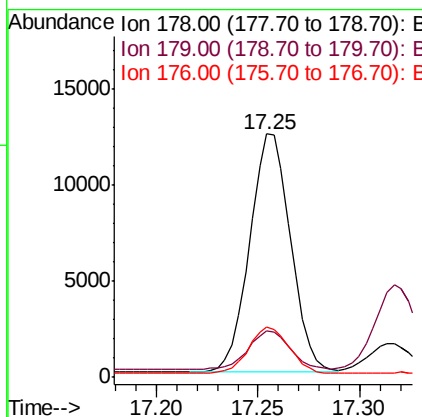
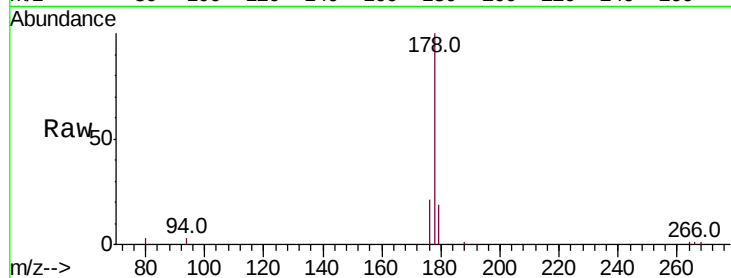
ClientSampleId :

CB5Q2

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.4	18.6#
176	20.5	15.3	22.9

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#15

Fluoranthene

Concen: 0.150 ng/ul m

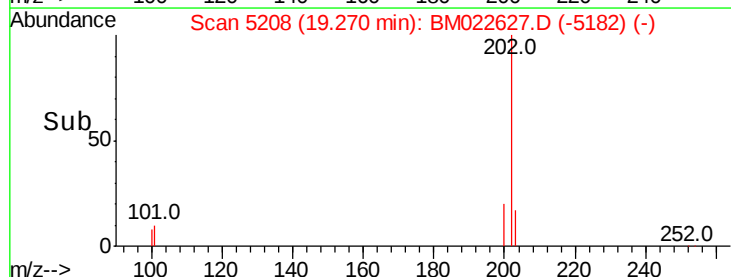
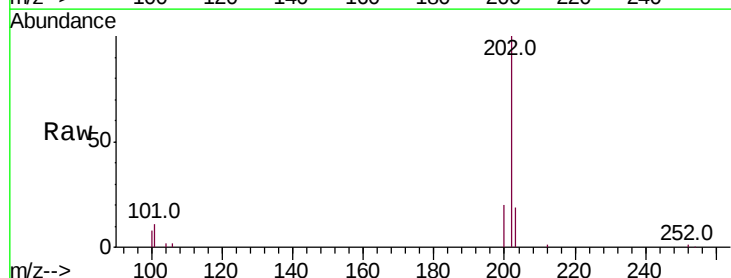
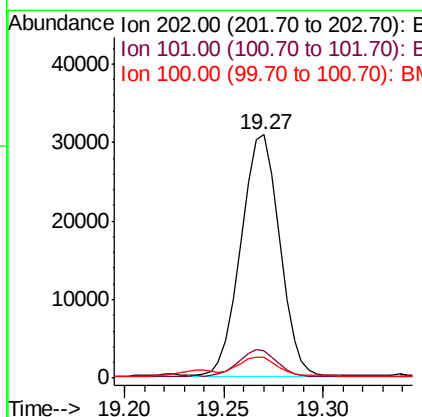
RT: 19.27 min Scan# 5208

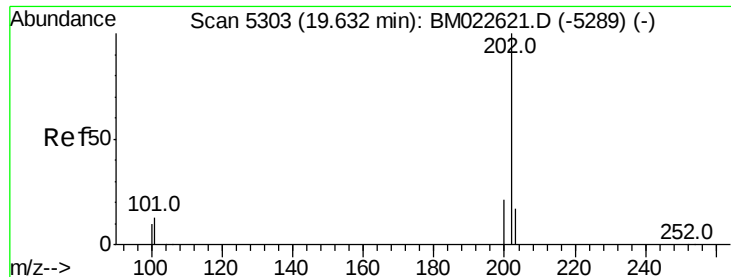
Delta R.T. -0.00 min

Lab File: BM022627.D

Acq: 10 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.5
100	8.5	0.0	28.0





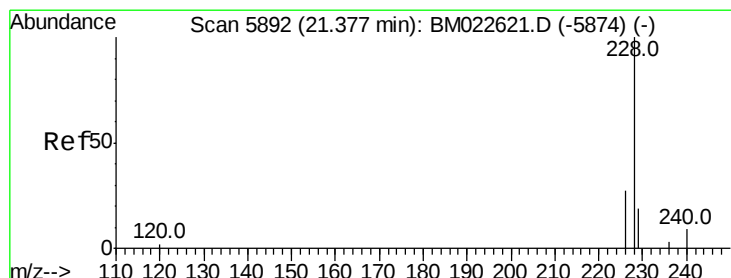
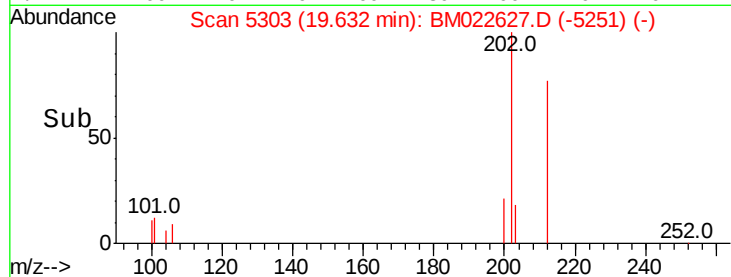
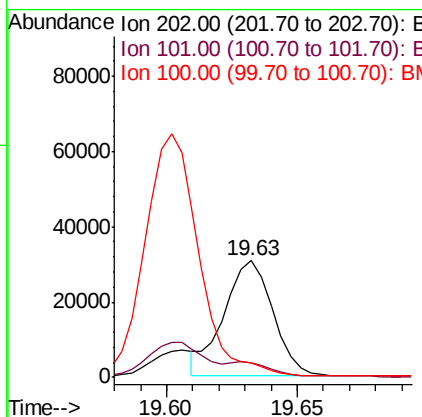
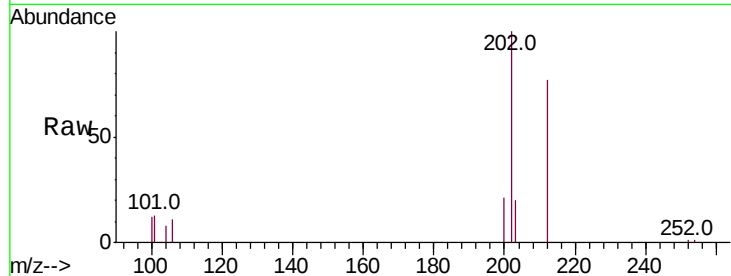
#17
Pvrene
Concen: 0.134 ng/ul m
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022627.D
Acq: 10 Sep 2019 19:35

Instrument :
BNA_M
ClientSampleId :
CB5Q2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	40097		
101	12.9		10.0	15.0
100	12.0		8.1	12.1

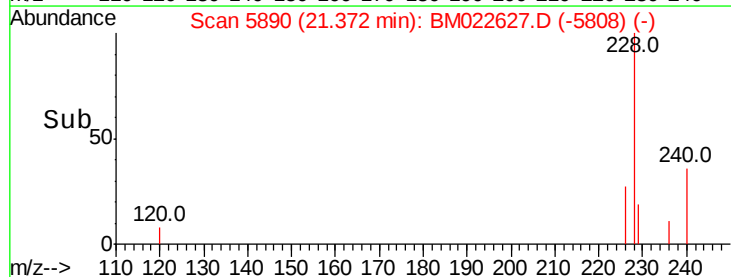
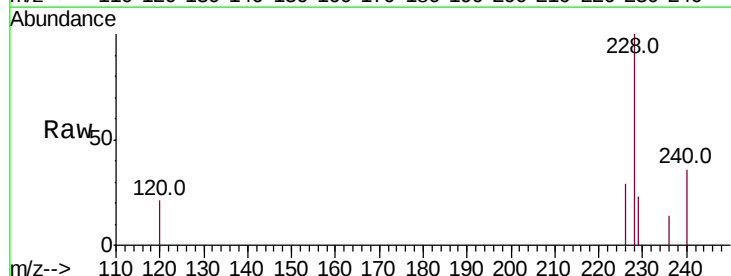
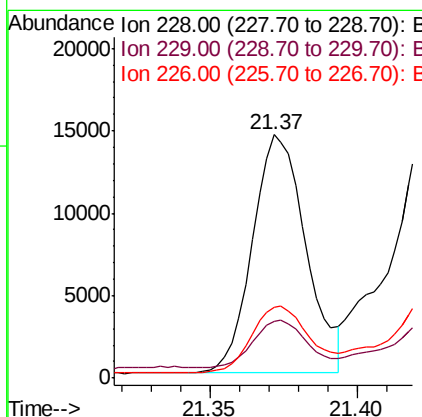
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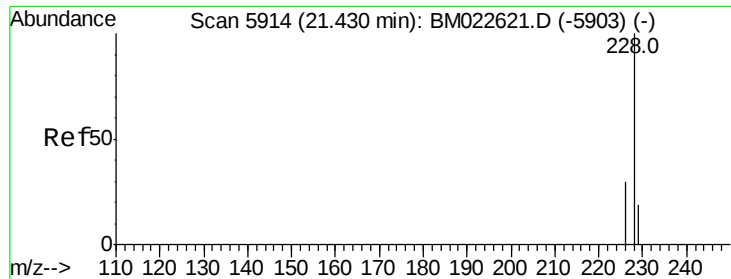
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#18
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.37 min Scan# 5890
Delta R.T. -0.00 min
Lab File: BM022627.D
Acq: 10 Sep 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	18198		
229	23.4		15.6	23.4
226	29.2		22.0	33.0





#19

Chrysene

Concen: 0.092 ng/ul

RT: 21.43 min Scan# 5912

Delta R.T. -0.00 min

Lab File: BM022627.D

Acq: 10 Sep 2019 19:35

Instrument :

BNA_M

ClientSampleId :

CB5Q2

Tot Ion:228 Resp: 24358

Ion Ratio Lower Upper

228 100

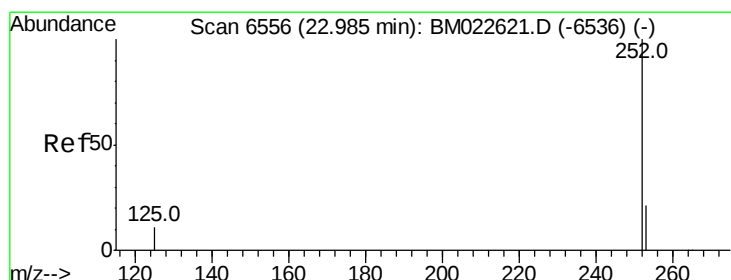
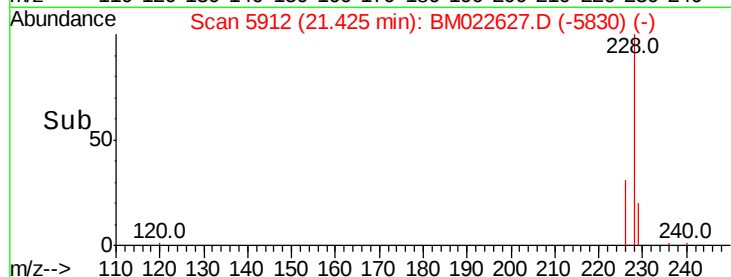
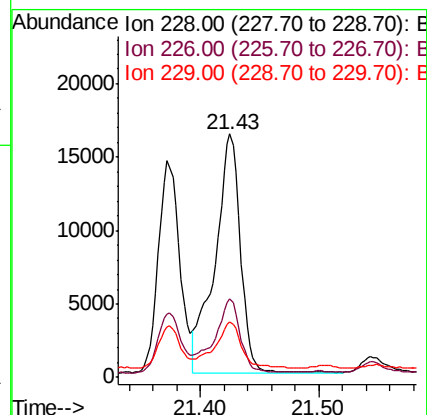
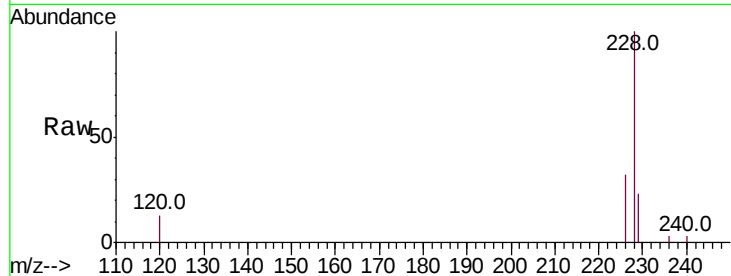
226 32.1 23.8 35.8

229 22.9 15.5 23.3

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#21

Benzo(b)fluoranthene

Concen: 0.112 ng/ul m

RT: 22.99 min Scan# 6557

Delta R.T. -0.00 min

Lab File: BM022627.D

Acq: 10 Sep 2019 19:35

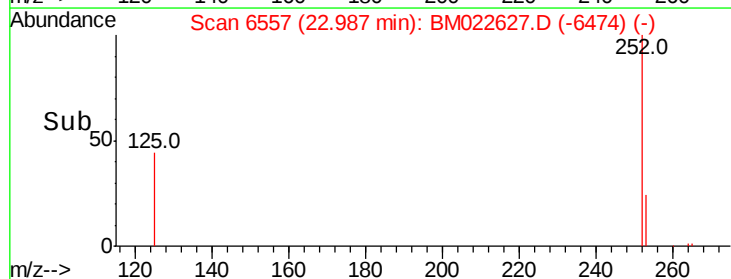
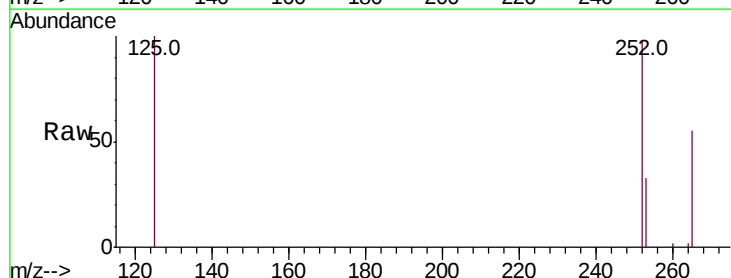
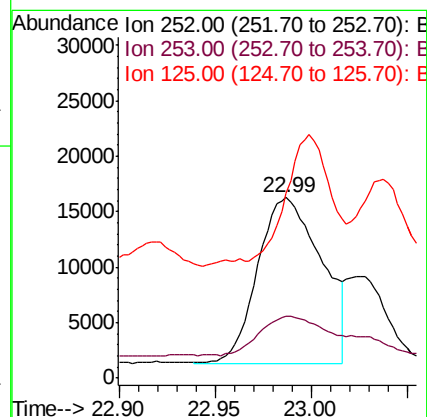
Tgt Ion:252 Resp: 34928

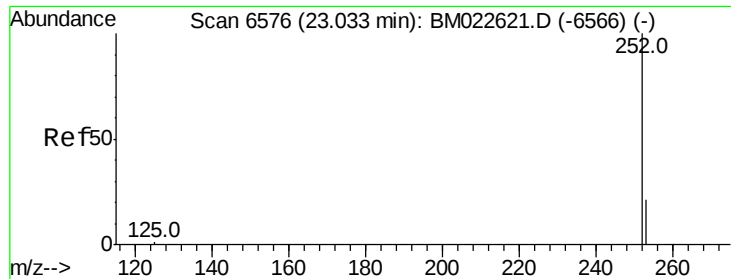
Ion Ratio Lower Upper

252 100

253 34.0 0.0 48.4

125 102.5 0.0 31.2#





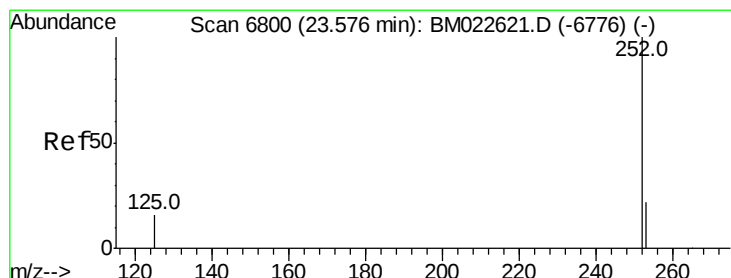
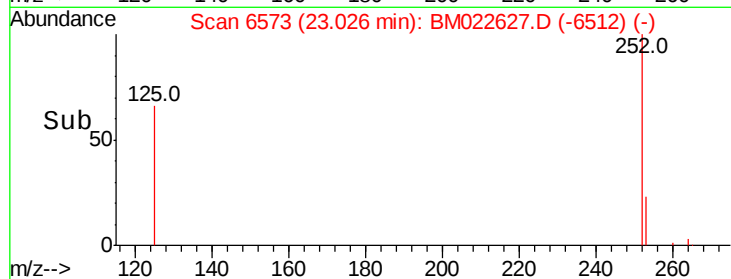
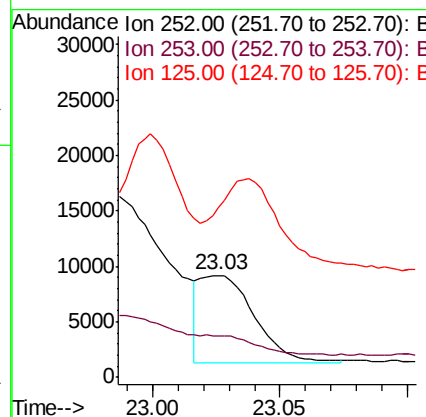
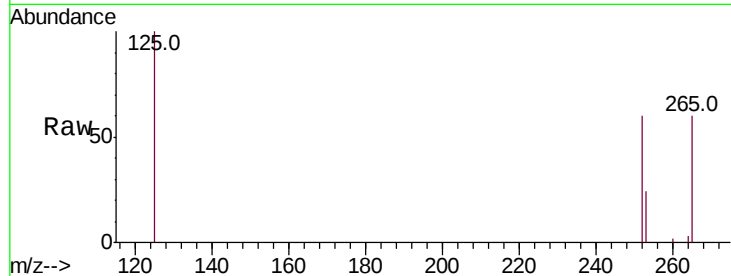
#22
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 23.03 min Scan# 6573
Delta R.T. -0.00 min
Lab File: BM022627.D
Acq: 10 Sep 2019 19:35

Instrument :
BNA_M
ClientSampleId :
CB5Q2

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.9	19.5	29.3#
125	167.1	11.2	16.8#

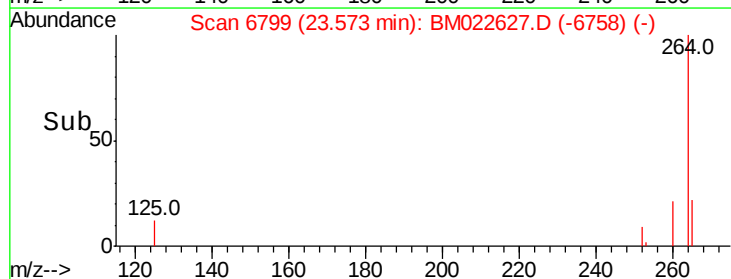
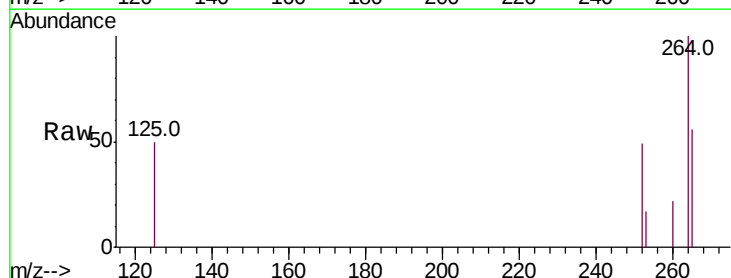
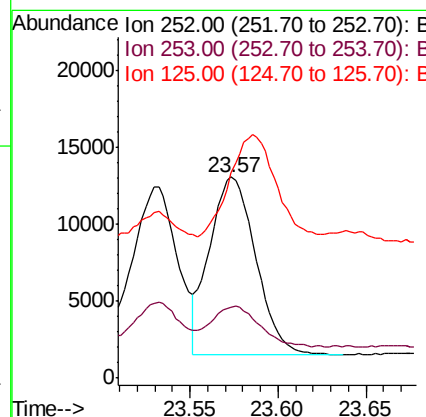
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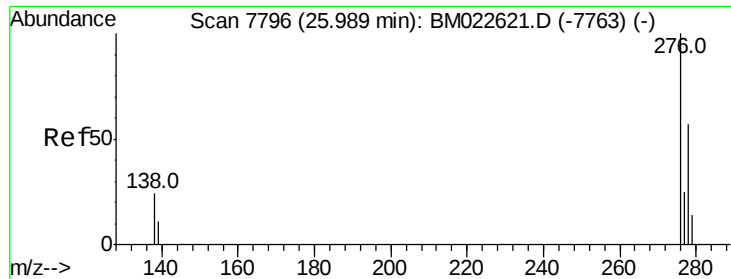
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#23
Benzo(a)pyrene
Concen: 0.078 ng/ul
RT: 23.57 min Scan# 6799
Delta R.T. -0.00 min
Lab File: BM022627.D
Acq: 10 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.4	20.2	30.2#
125	101.7	15.7	23.5#





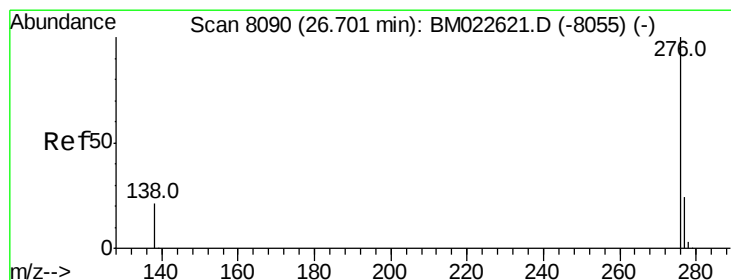
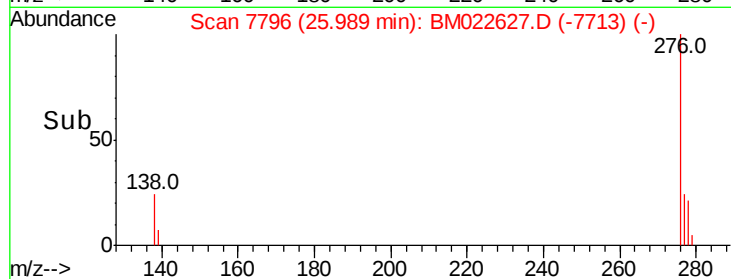
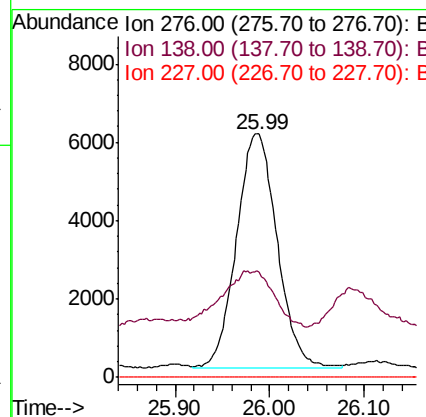
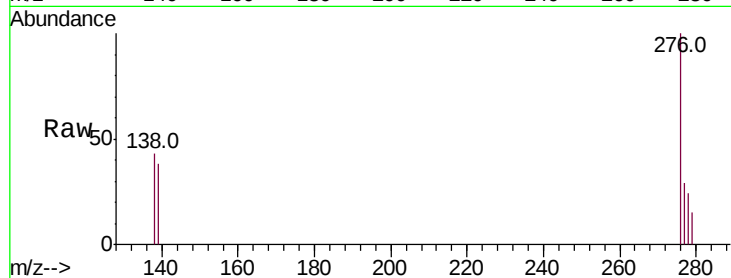
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.054 ng/u1
 RT: 25.99 min Scan# 7796
 Delta R.T. -0.00 min
 Lab File: BM022627.D
 Acq: 10 Sep 2019 19:35

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q2

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	21.1	31.7
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.070 ng/u1
 RT: 26.70 min Scan# 8088
 Delta R.T. -0.00 min
 Lab File: BM022627.D
 Acq: 10 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.9	18.2	27.4#
277	26.8	19.2	28.8

