

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 :

Quant Time: Sep 10 23:52:52 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

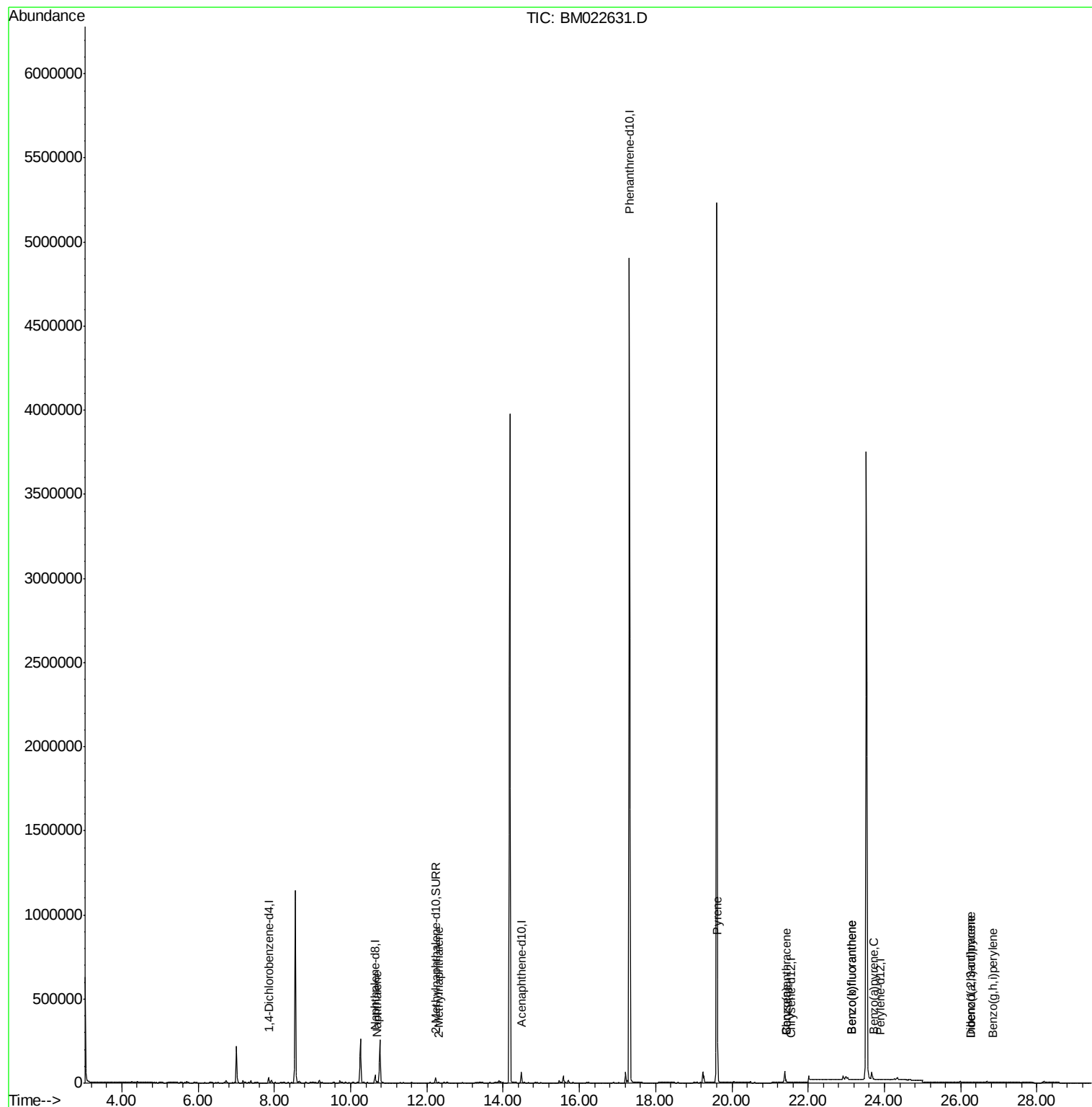
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	15991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	66848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	35723	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	5608273	0.40	ng/ul	0.10
16) Chrysene-d12	21.55	240	48	0.40	ng/ul	0.15
20) Perylene-d12	23.89	264	18	0.40	ng/ul	0.22
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	37590	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
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
17) Pyrene	19.63	202	39293	180.568	ng/ul#	92
18) Benzo(a)anthracene	21.42	228	17969	97.816	ng/ul	92
19) Chrysene	21.42	228	17946	92.851	ng/ul	94
21) Benzo(b)fluoranthene	23.16	252	3036	38.819	ng/ul#	1
22) Benzo(k)fluoranthene	23.16	252	3057	38.314	ng/ul#	1
23) Benzo(a)pyrene	23.72	252	3481	50.866	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.25	276	367	4.396	ng/ul#	49
25) Dibenzo(a,h)anthracene	26.25	278	1691	25.070	ng/ul#	1
26) Benzo(g,h,i)perylene	26.85	276	896	13.474	ng/ul#	1

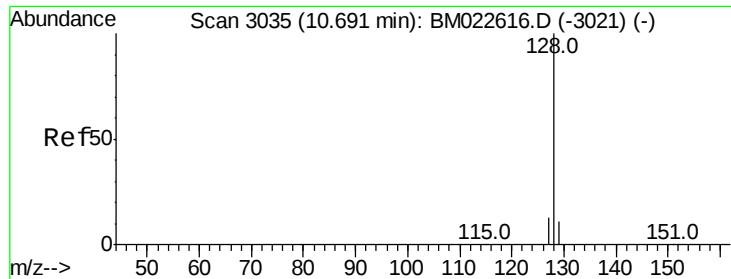
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

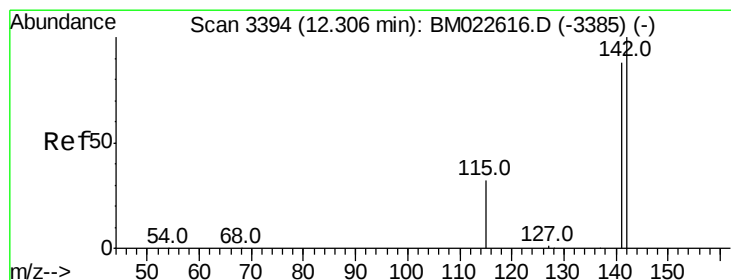
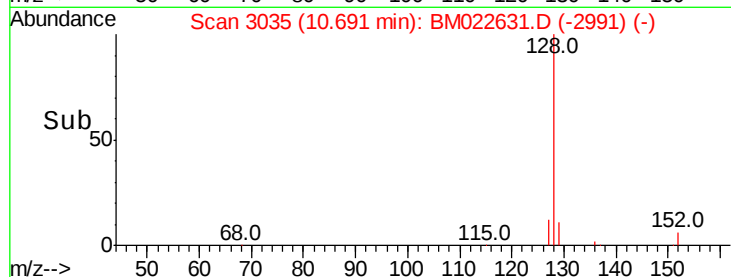
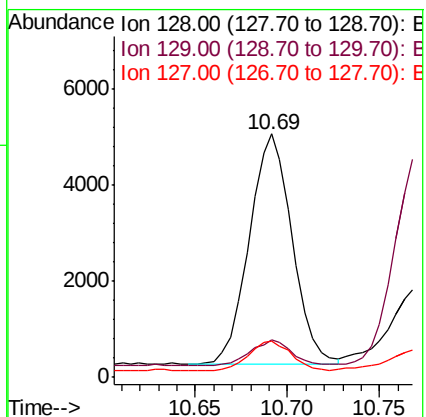
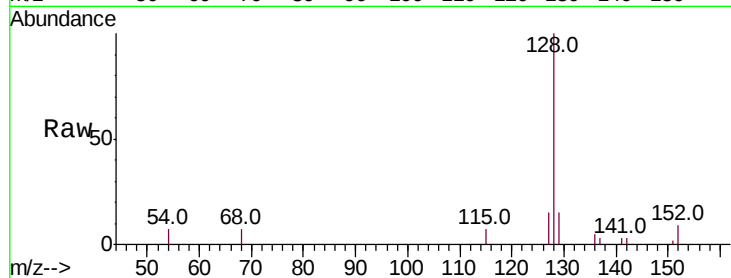
Tot Ion:128 Resp: 7786

Ion Ratio Lower Upper

128 100

129 15.4 8.8 13.2#

127 14.8 10.4 15.6



#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.31 min Scan# 3394

Delta R.T. -0.00 min

Lab File: BM022631.D

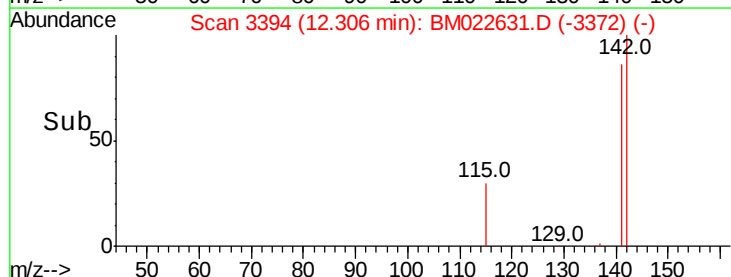
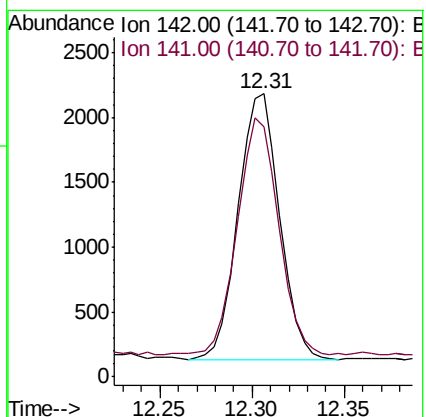
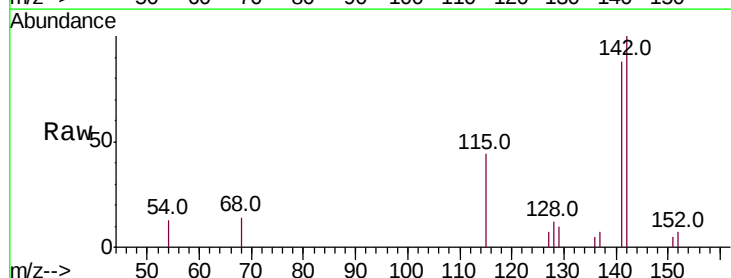
Acq: 10 Sep 2019 22:01

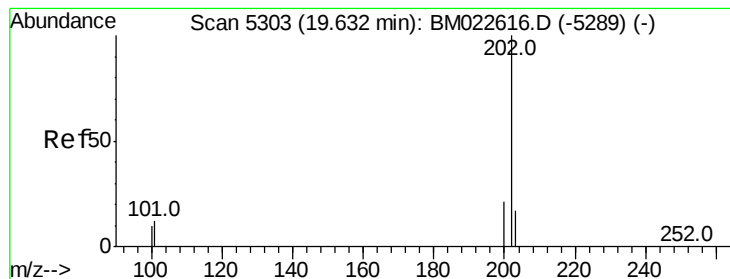
Tgt Ion:142 Resp: 3243

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2





#17

Pvrene

Concen: 180.568 ng/ul

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 :

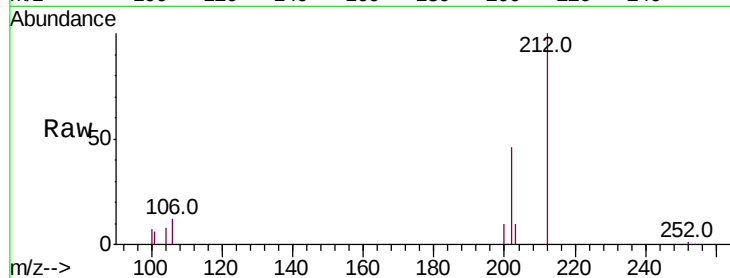
Tot Ion:202 Resp: 39293

Ion Ratio Lower Upper

202 100

101 14.3 10.0 15.0

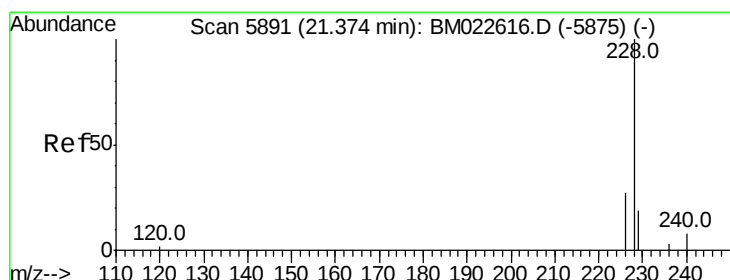
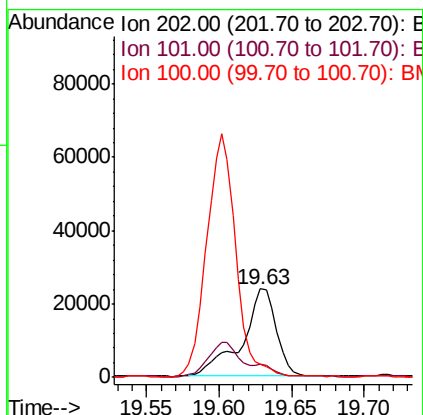
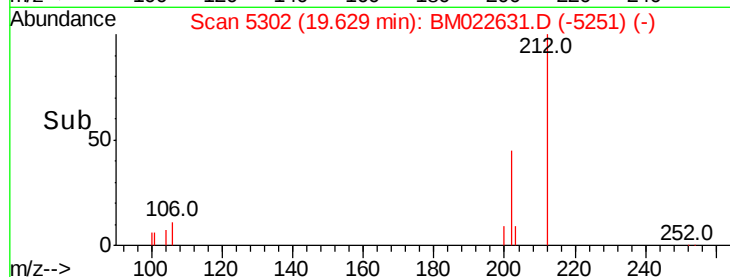
100 14.5 8.1 12.1#



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): B



#18

Benzo(a)anthracene

Concen: 97.816 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. 0.05 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

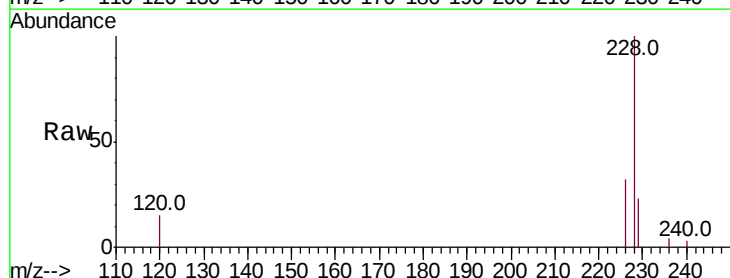
Tgt Ion:228 Resp: 17969

Ion Ratio Lower Upper

228 100

229 22.9 15.6 23.4

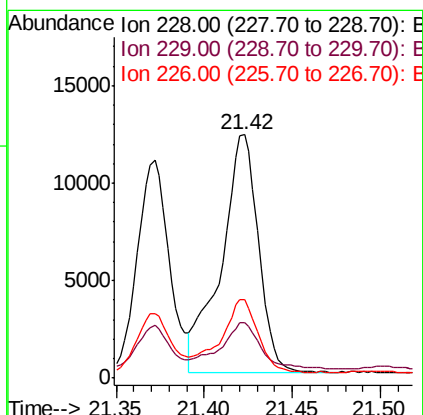
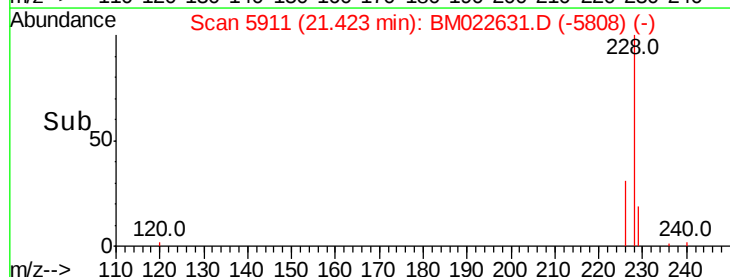
226 32.3 22.0 33.0

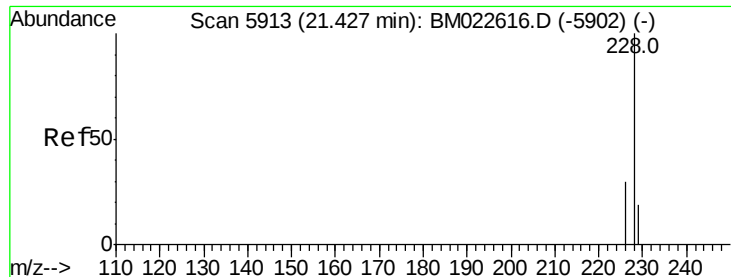


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 92.851 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 :

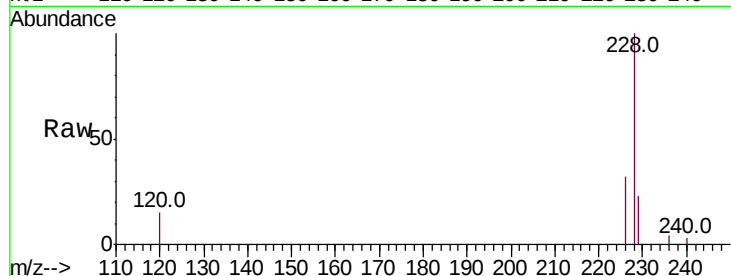
Tot Ion:228 Resp: 17946

Ion Ratio Lower Upper

228 100

226 32.3 23.8 35.8

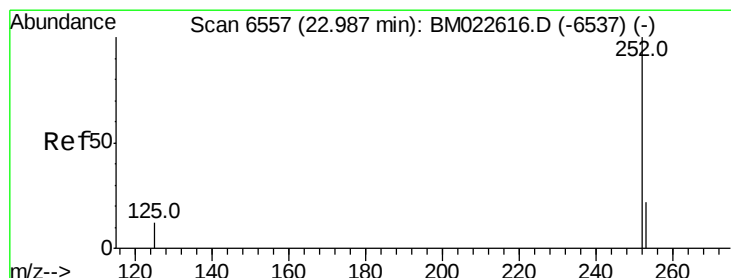
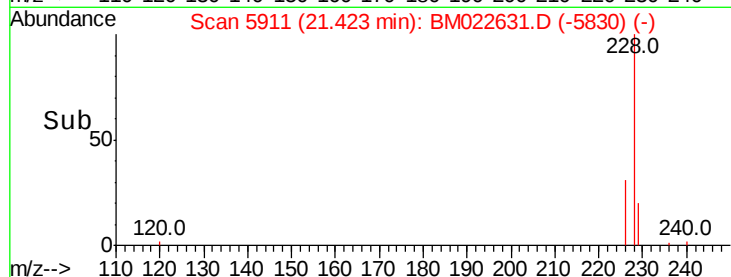
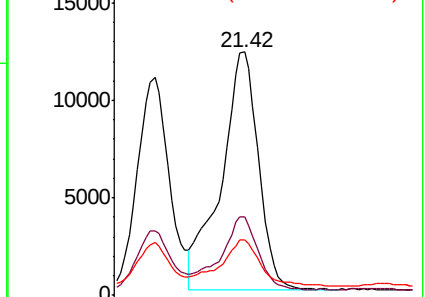
229 22.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 38.819 ng/ul

RT: 23.16 min Scan# 6627

Delta R.T. 0.17 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

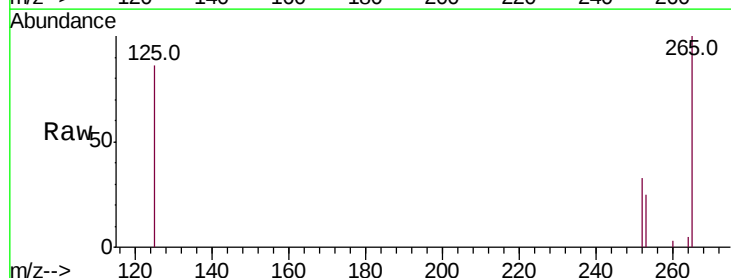
Tgt Ion:252 Resp: 3036

Ion Ratio Lower Upper

252 100

253 75.3 0.0 48.4#

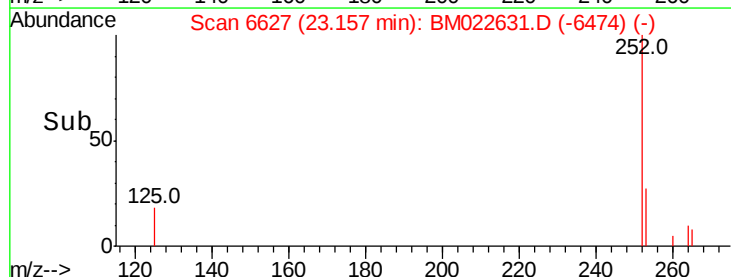
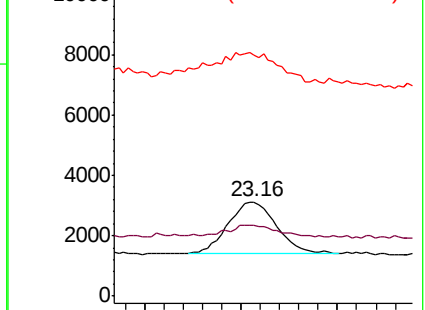
125 257.4 0.0 31.2#

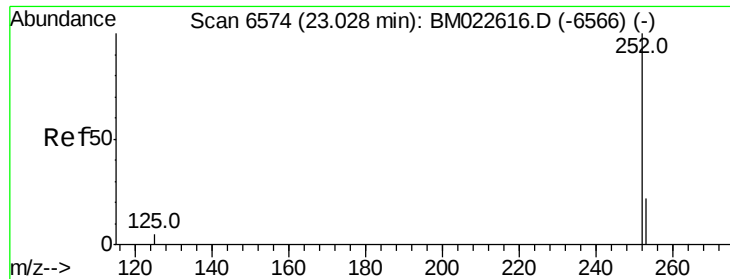


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 38.314 ng/ul

RT: 23.16 min Scan# 6627

Delta R.T. 0.13 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Instrument :

BNA_M

ClientSampleId :

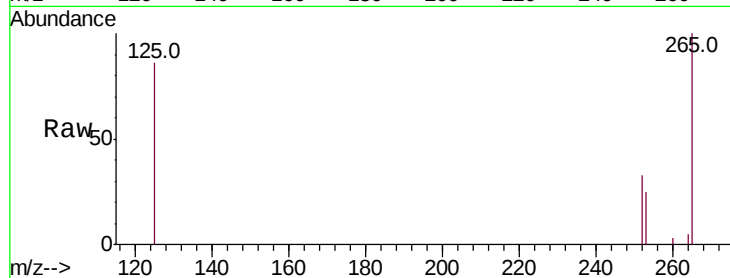
Tot Ion:252 Resp: 3057

Ion Ratio Lower Upper

252 100

253 75.3 19.5 29.3#

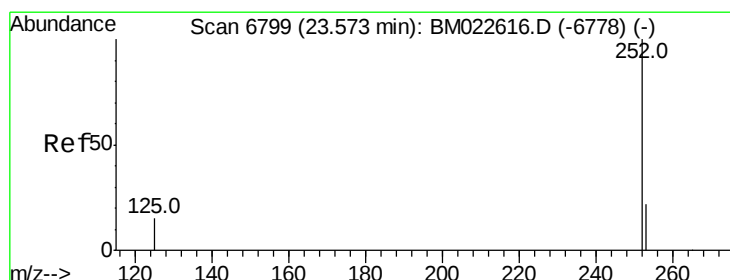
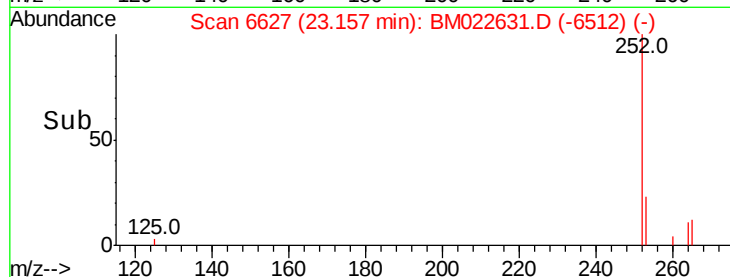
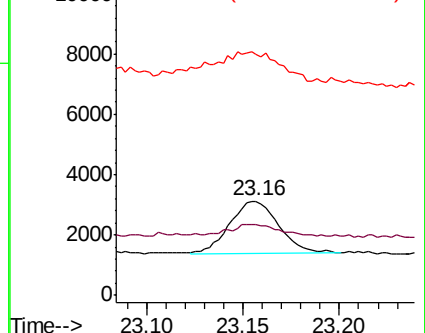
125 257.4 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 50.866 ng/ul

RT: 23.72 min Scan# 6858

Delta R.T. 0.14 min

Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

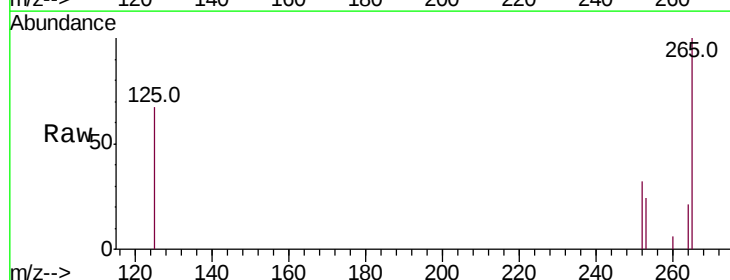
Tgt Ion:252 Resp: 3481

Ion Ratio Lower Upper

252 100

253 73.6 20.2 30.2#

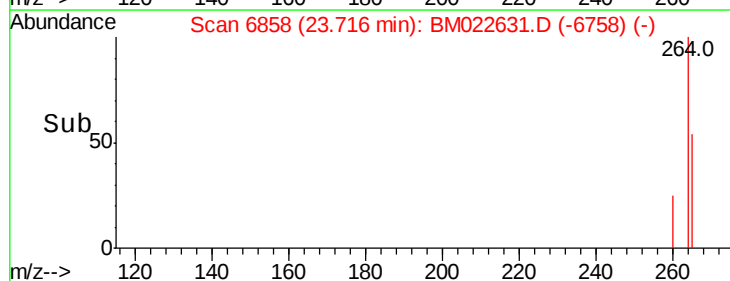
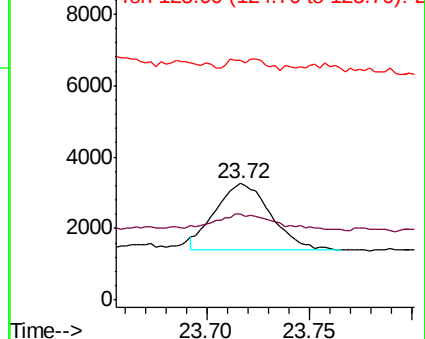
125 206.3 15.7 23.5#

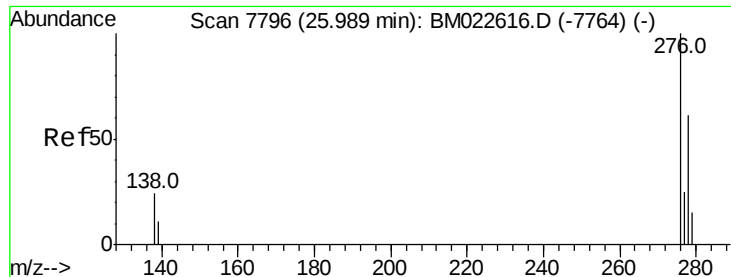


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



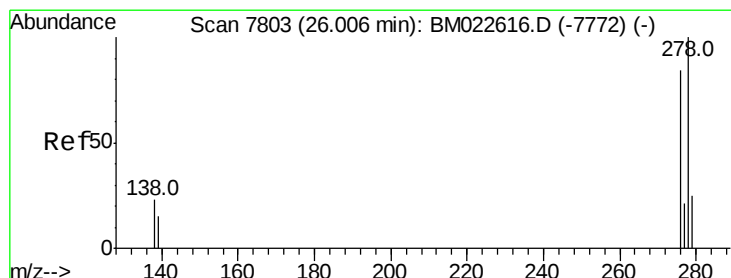
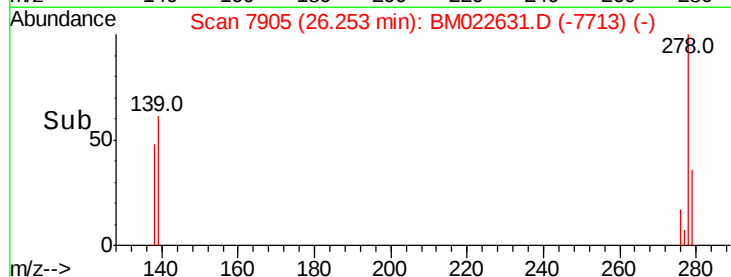
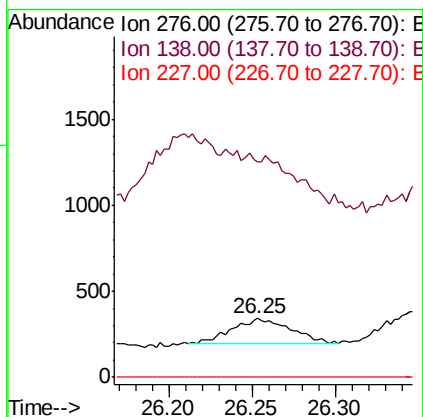
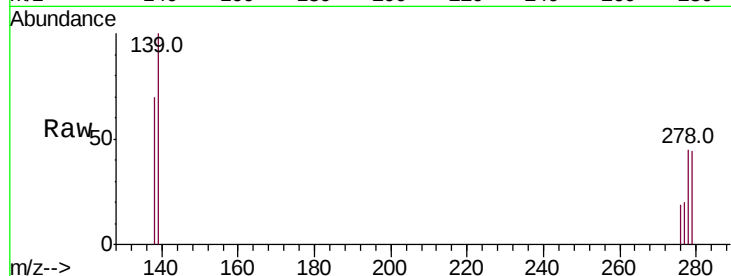


#24

Indeno(1,2,3-cd)pyrene
Concen: 4.396 ng/u1
RT: 26.25 min Scan# 7905
Delta R.T. 0.26 min
Lab File: BM022631.D
Acq: 10 Sep 2019 22:01

Instrument :
BNA_M
ClientSampleId :

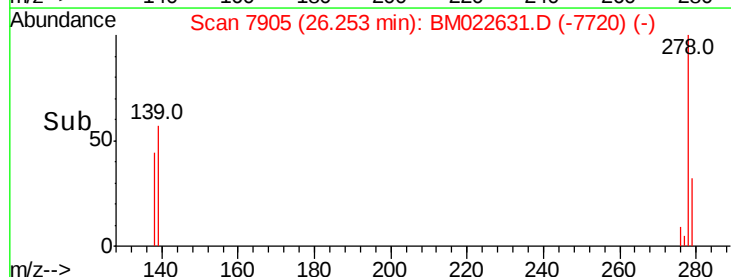
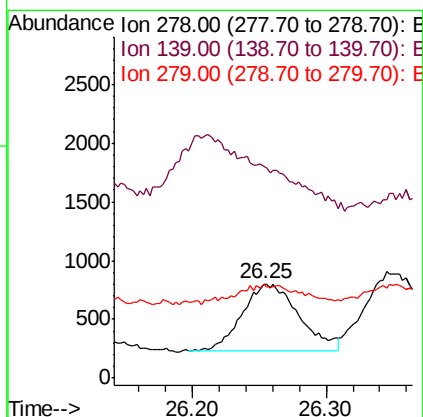
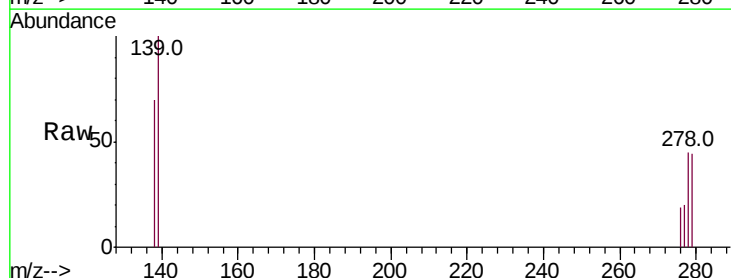
Tot Ion:276 Resp: 367
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
227 0.0 0.0 0.0

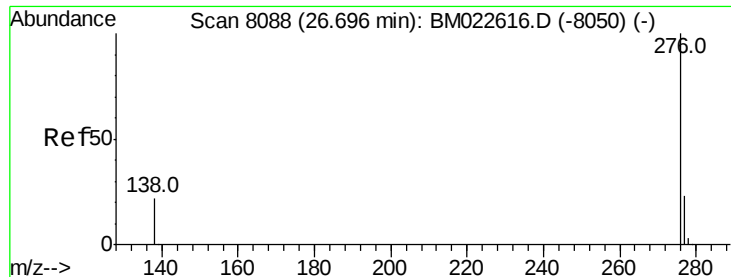


#25

Dibenzo(a,h)anthracene
Concen: 25.070 ng/u1
RT: 26.25 min Scan# 7905
Delta R.T. 0.25 min
Lab File: BM022631.D
Acq: 10 Sep 2019 22:01

Tgt Ion:278 Resp: 1691
Ion Ratio Lower Upper
278 100
139 224.1 13.8 20.6#
279 99.6 21.3 31.9#





#26

Benzo(a,h,i)perylene

Concen: 13.474 ng/ul

RT: 26.85 min Scan# 8153

Delta R.T. 0.16 min

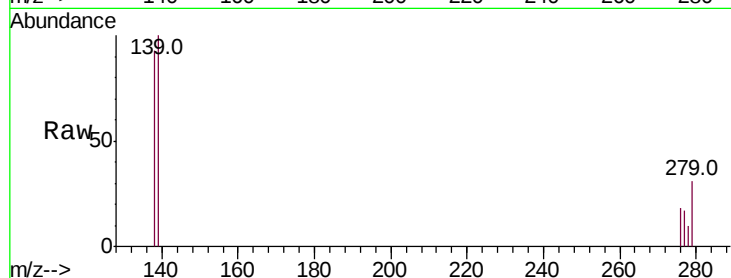
Lab File: BM022631.D

Acq: 10 Sep 2019 22:01

Instrument :

BNA_M

ClientSampleId :



Tot Ion:276 Resp: 896

Ion Ratio Lower Upper

276 100

138 507.3 18.2 27.4#

277 91.3 19.2 28.8#

