

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022648.D
 Acq On : 11 Sep 2019 08:58
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 11 09:32:26 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 : Wed Sep 11 07:37:53 2019
 Response via : Initial Calibration

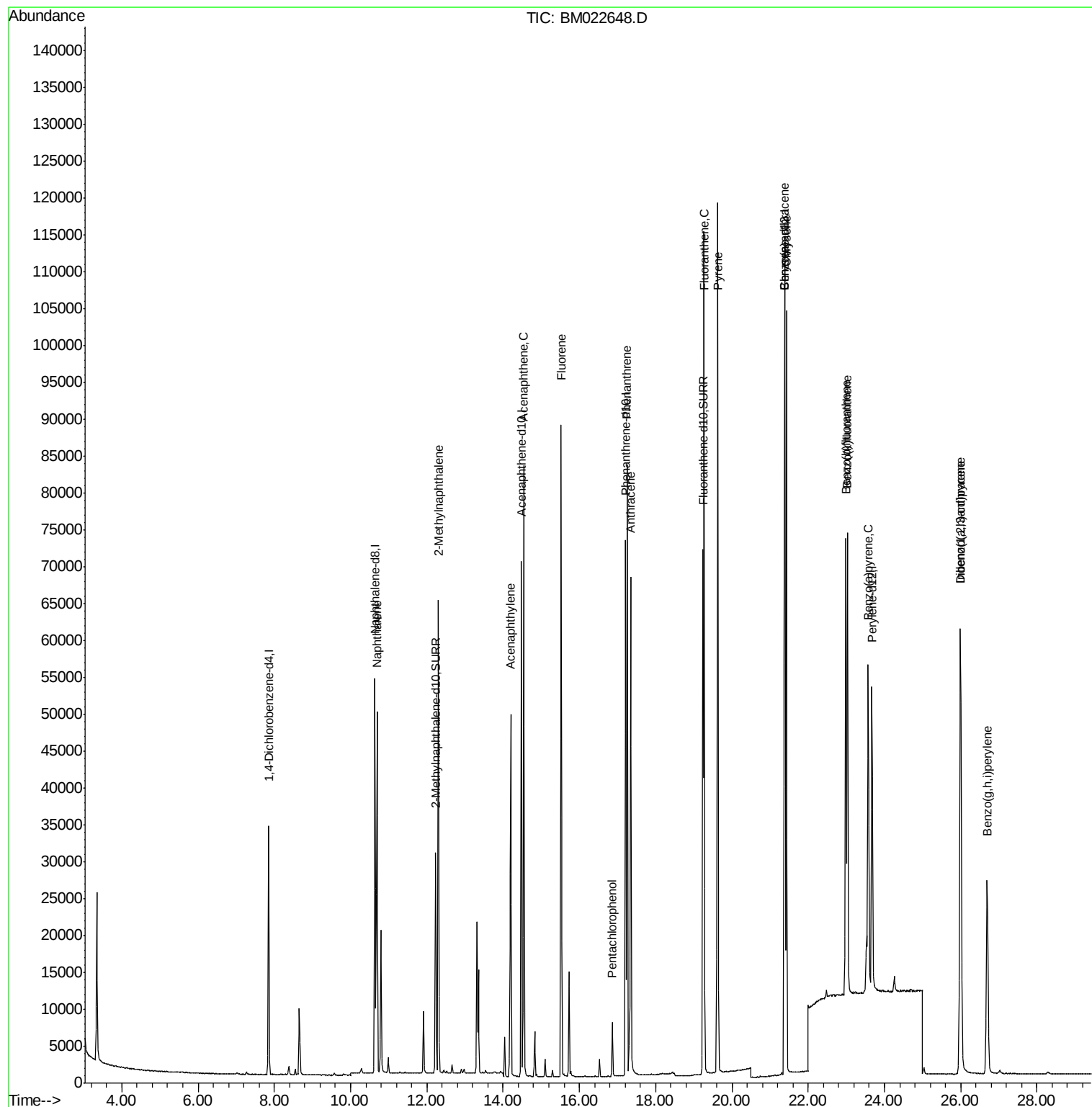
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	16981	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	70063	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	37371	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	84940	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	66867	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	55053	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	39164	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	78146	0.34	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.69	128	65812	0.330	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	45630	0.333	ng/ul	100
7) Acenaphthylene	14.20	152	56290	0.325	ng/ul	99
8) Acenaphthene	14.54	153	46854	0.324	ng/ul	100
9) Fluorene	15.52	166	53543	0.323	ng/ul	100
11) Pentachlorophenol	16.86	266	4959	0.288	ng/ul	100
12) Phenanthrene	17.25	178	87297	0.323	ng/ul	100
13) Anthracene	17.34	178	74915	0.323	ng/ul	100
15) Fluoranthene	19.27	202	95832	0.328	ng/ul	99
17) Pyrene	19.63	202	96164	0.317	ng/ul	99
18) Benzo(a)anthracene	21.38	228	81733	0.319	ng/ul	100
19) Chrysene	21.43	228	87047	0.323	ng/ul	100
21) Benzo(b)fluoranthene	22.99	252	79785	0.334	ng/ul	98
22) Benzo(k)fluoranthene	23.03	252	79202	0.325	ng/ul	98
23) Benzo(a)pyrene	23.57	252	68050	0.325	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.99	276	72534	0.284	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.00	278	59377	0.288	ng/ul	99
26) Benzo(g,h,i)perylene	26.70	276	57701	0.284	ng/ul	99

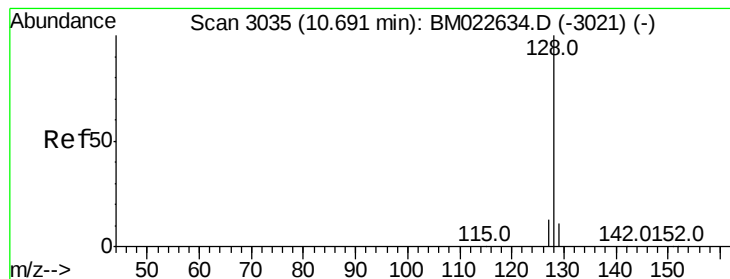
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 11 09:32:26 2019
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#3

Naphthalene

Concen: 0.330 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

Instrument :

BNA_M

ClientSampleId :

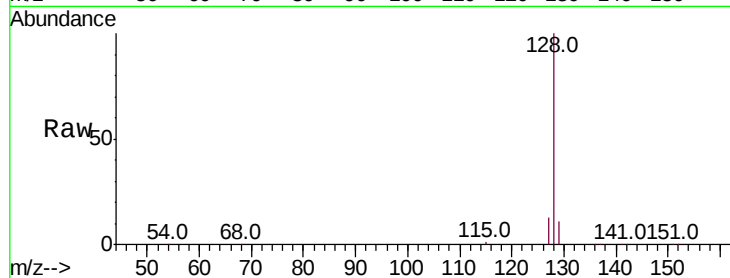
Tot Ion:128 Resp: 65812

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

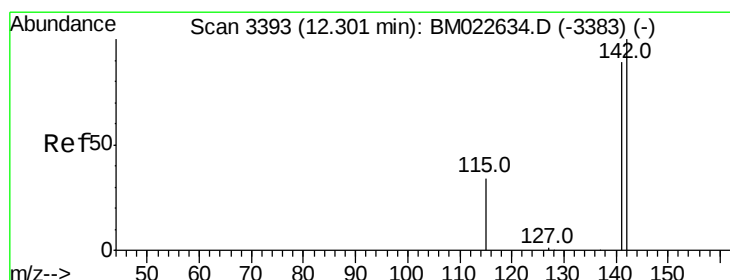
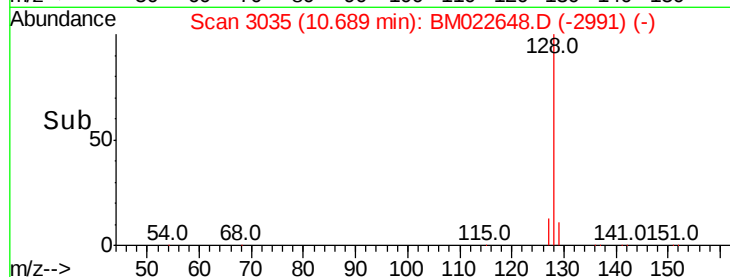
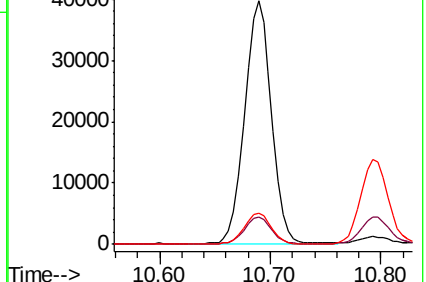
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.333 ng/ul

RT: 12.30 min Scan# 3394

Delta R.T. -0.00 min

Lab File: BM022648.D

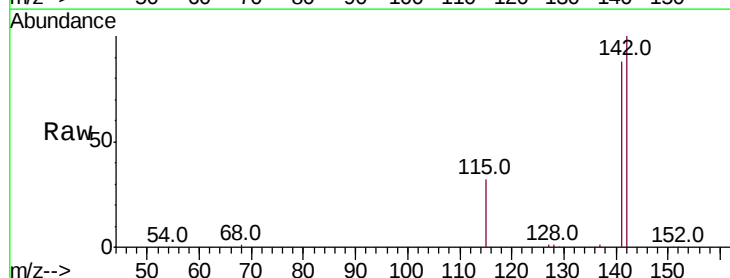
Acq: 11 Sep 2019 08:58

Tgt Ion:142 Resp: 45630

Ion Ratio Lower Upper

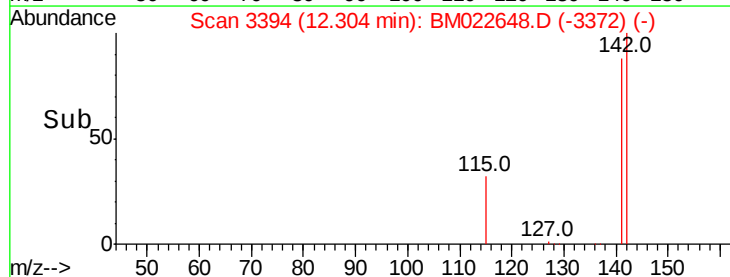
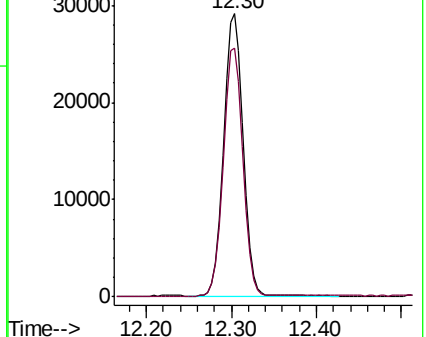
142 100

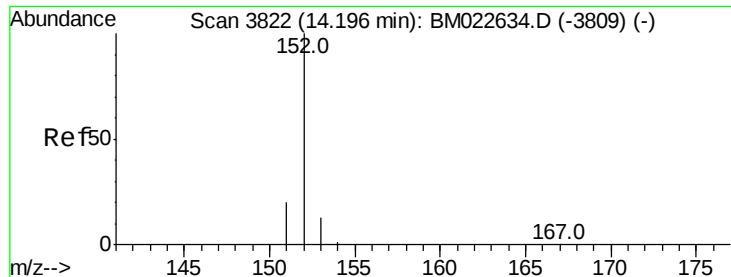
141 88.7 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.325 ng/ul

RT: 14.20 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

Instrument :

BNA_M

ClientSampleId :

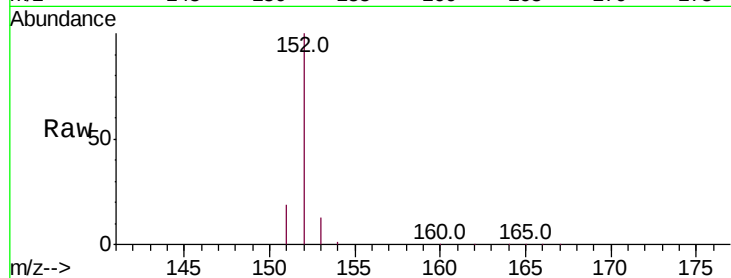
Tot Ion:152 Resp: 56290

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

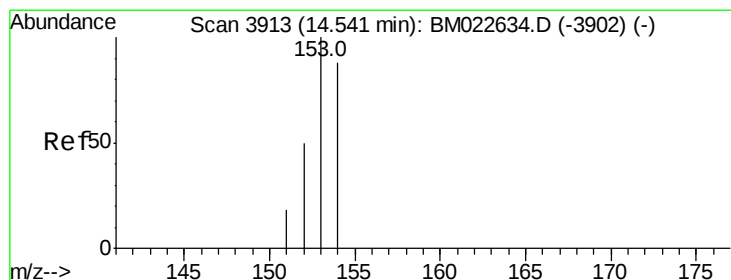
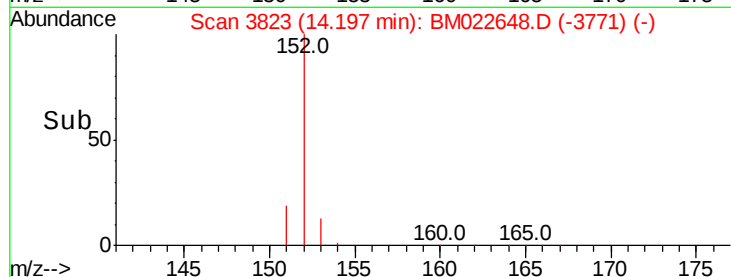
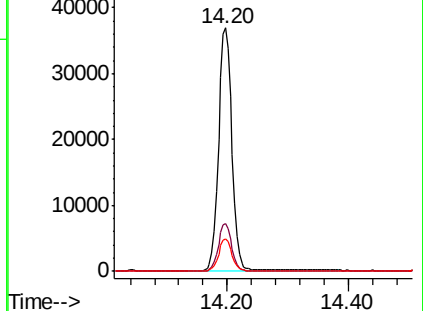
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.324 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

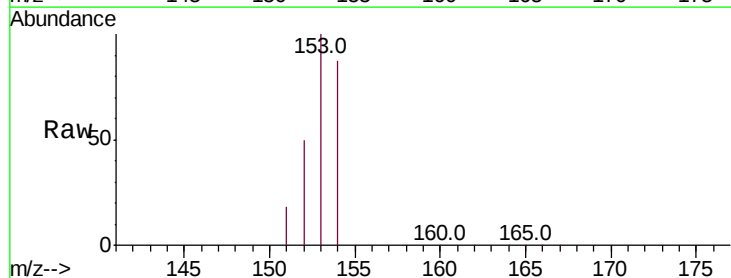
Tgt Ion:153 Resp: 46854

Ion Ratio Lower Upper

153 100

152 50.5 40.7 61.1

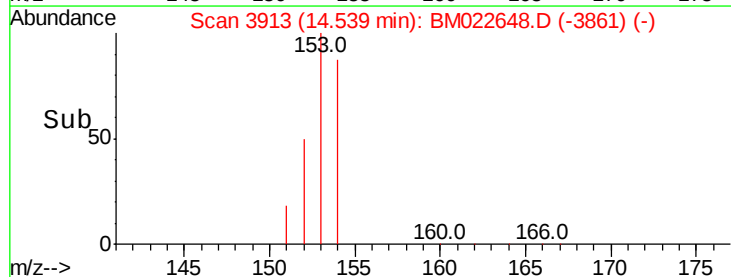
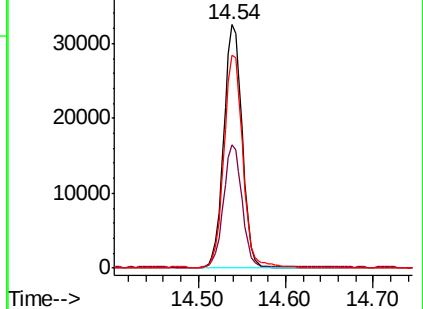
154 87.2 70.0 105.0

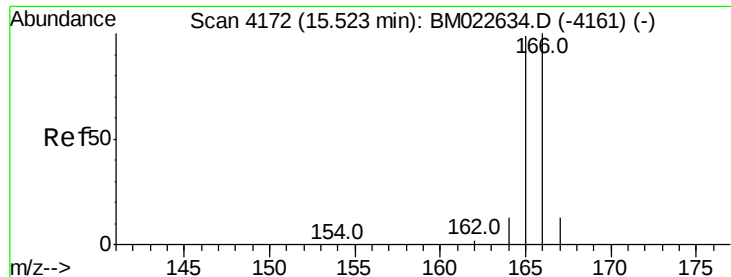


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

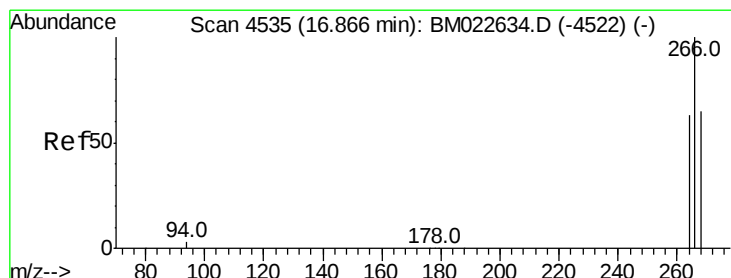
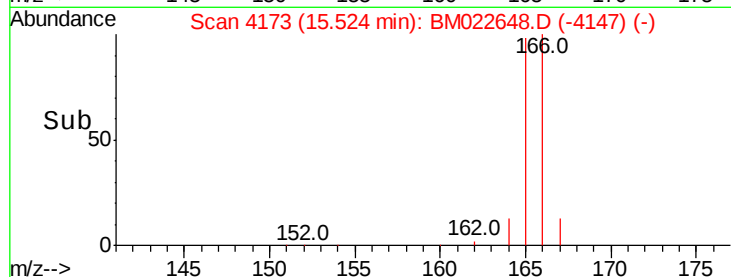
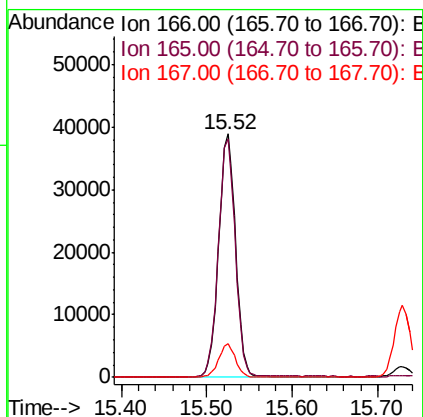
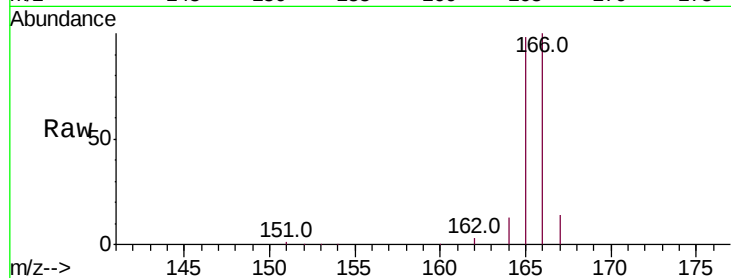




#9
Fluorene
 Concen: 0.323 ng/ul
 RT: 15.52 min Scan# 4173
 Delta R.T. -0.00 min
 Lab File: BM022648.D
 Acq: 11 Sep 2019 08:58

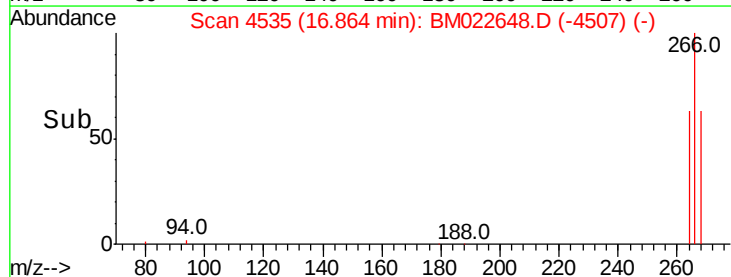
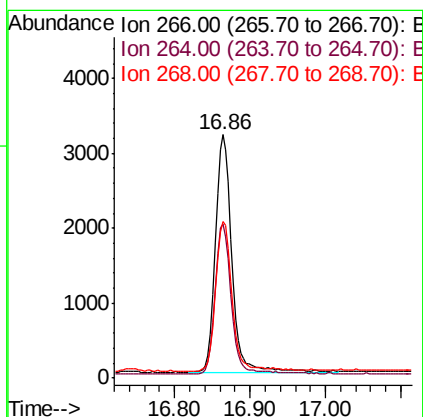
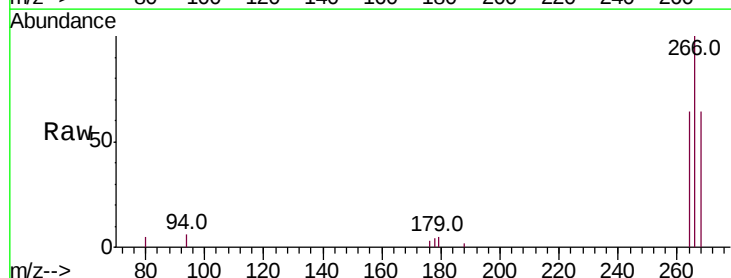
Instrument :
 BNA_M
 ClientSampleId :

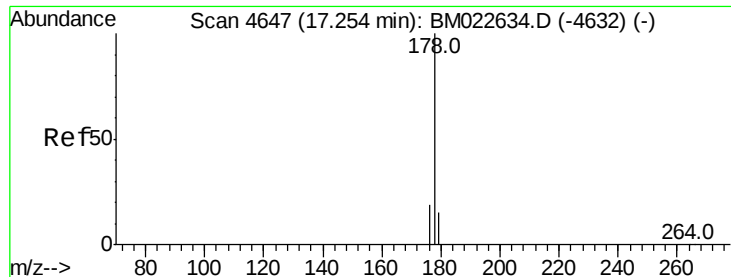
Tot Ion:166 Resp: 53543
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.2 117.2
 167 13.6 10.8 16.2



#11
Pentachlorophenol
 Concen: 0.288 ng/ul
 RT: 16.86 min Scan# 4535
 Delta R.T. -0.00 min
 Lab File: BM022648.D
 Acq: 11 Sep 2019 08:58

Tgt Ion:266 Resp: 4959
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.4 75.6
 268 64.0 51.3 76.9





#12

Phenanthrene

Concen: 0.323 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. -0.01 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

Instrument :

BNA_M

ClientSampleId :

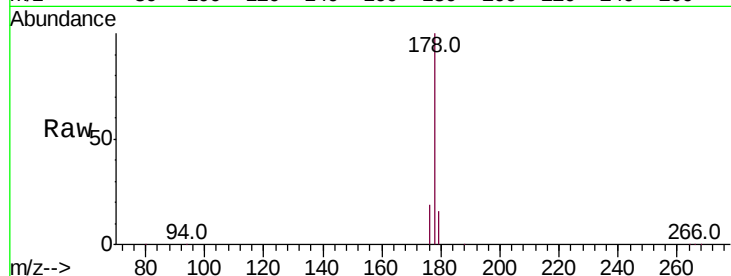
Tot Ion:178 Resp: 87297

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

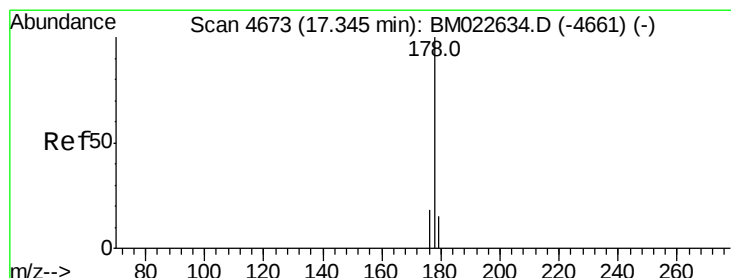
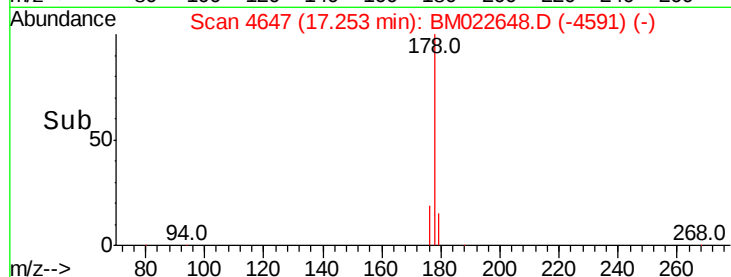
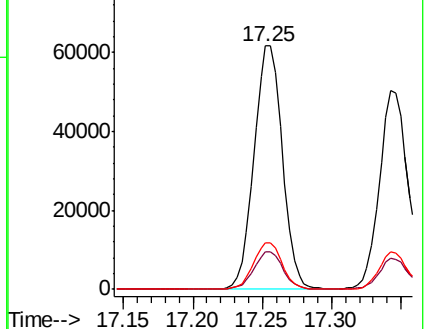
176 19.2 15.3 22.9



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



#13

Anthracene

Concen: 0.323 ng/ul

RT: 17.34 min Scan# 4673

Delta R.T. -0.01 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

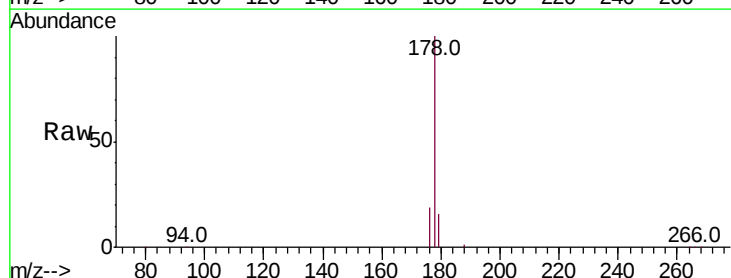
Tgt Ion:178 Resp: 74915

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

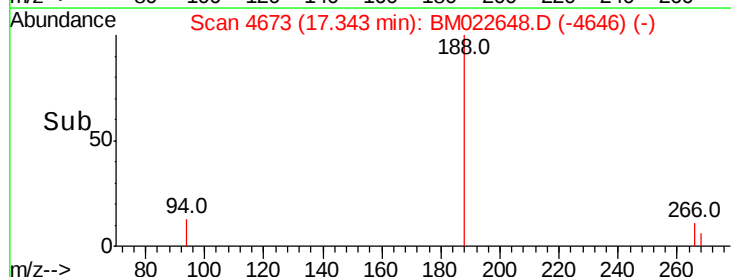
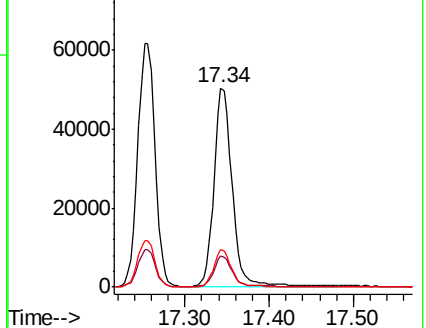
176 18.7 14.8 22.2

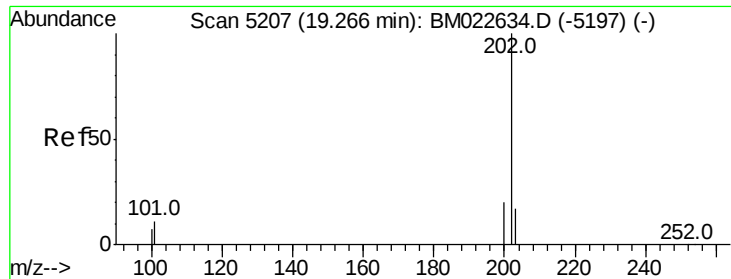


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

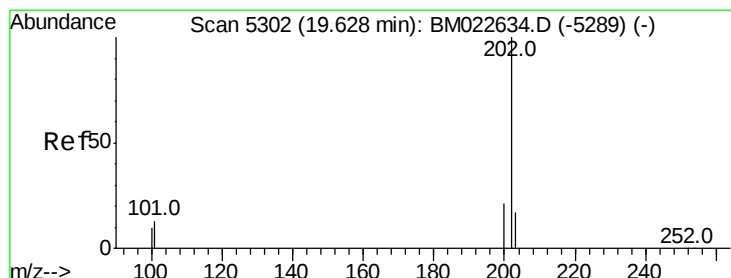
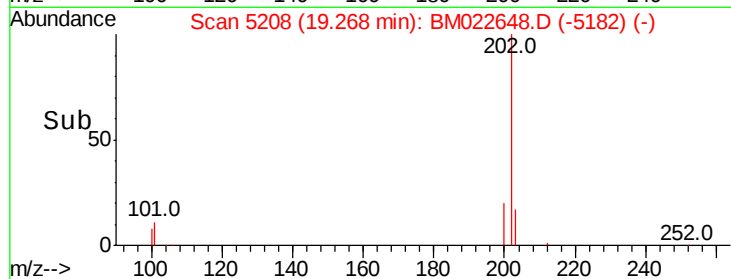
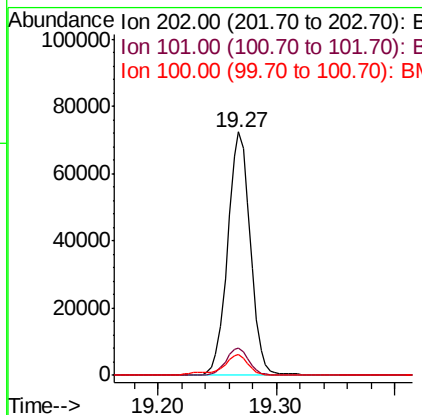
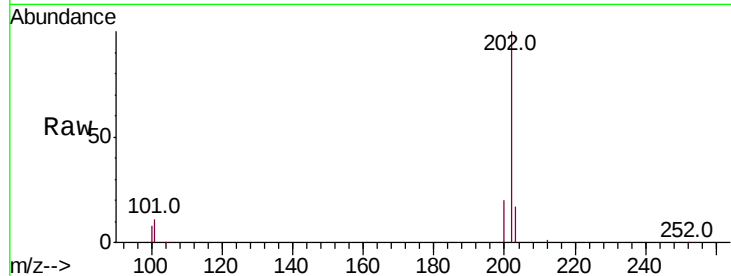




#15
 Fluoranthene
 Concen: 0.328 ng/ul
 RT: 19.27 min Scan# 5208
 Delta R.T. -0.00 min
 Lab File: BM022648.D
 Acq: 11 Sep 2019 08:58

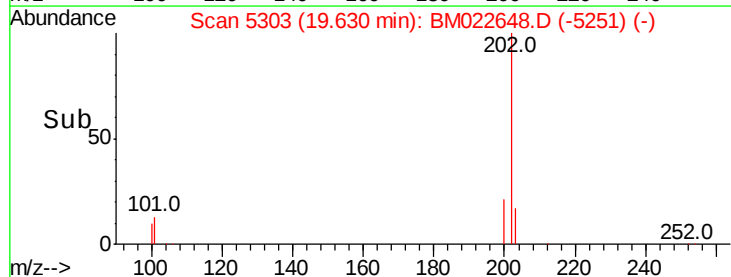
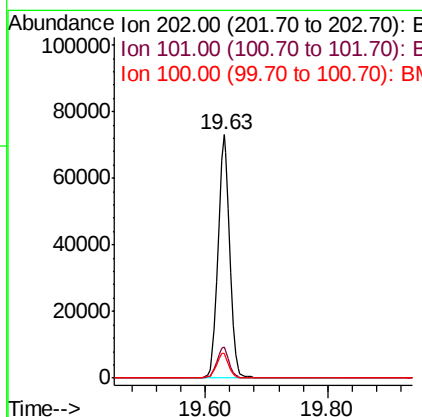
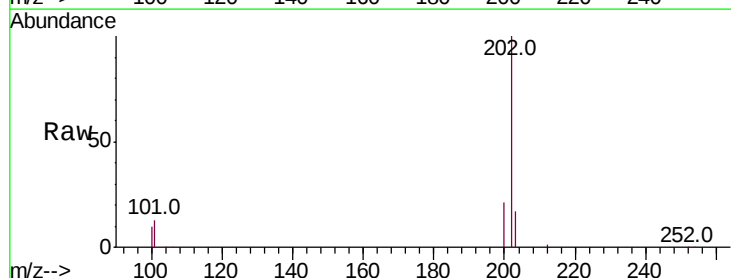
Instrument :
 BNA_M
 ClientSampleId :

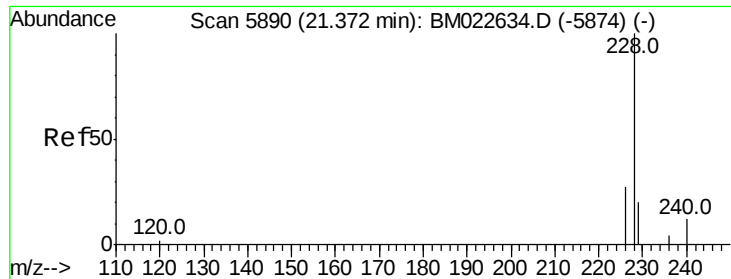
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
100	8.4	0.0	28.0



#17
 Pyrene
 Concen: 0.317 ng/ul
 RT: 19.63 min Scan# 5303
 Delta R.T. -0.00 min
 Lab File: BM022648.D
 Acq: 11 Sep 2019 08:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	10.3	8.1	12.1





#18

Benzo(a)anthracene

Concen: 0.319 ng/ul

RT: 21.38 min Scan# 5893

Delta R.T. 0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

Instrument :

BNA_M

ClientSampleId :

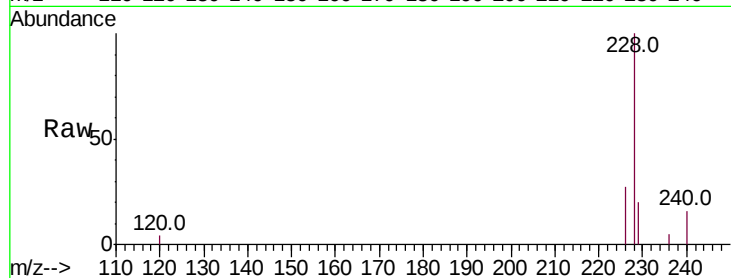
Tot Ion:228 Resp: 81733

Ion Ratio Lower Upper

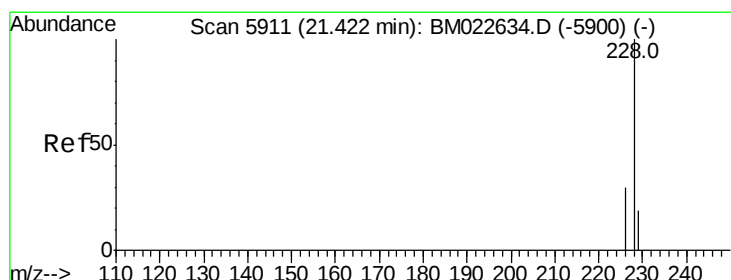
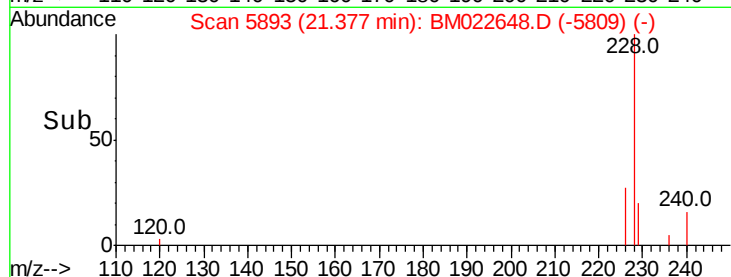
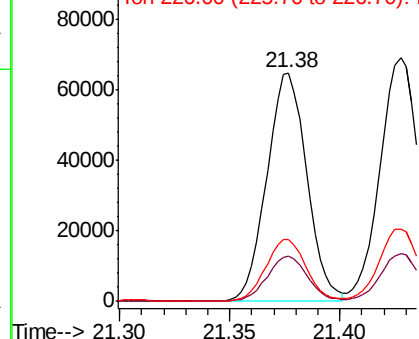
228 100

229 19.6 15.6 23.4

226 27.2 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: 0.323 ng/ul

RT: 21.43 min Scan# 5914

Delta R.T. 0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

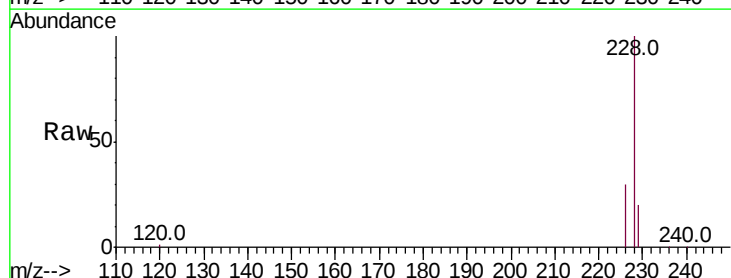
Tgt Ion:228 Resp: 87047

Ion Ratio Lower Upper

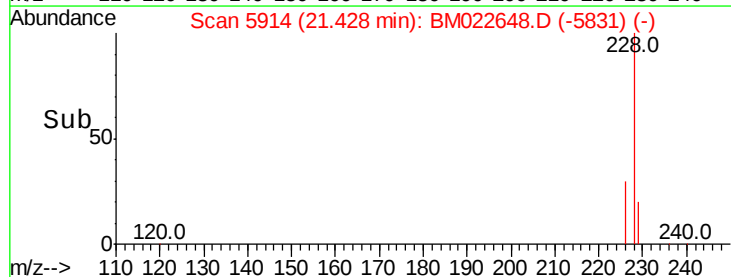
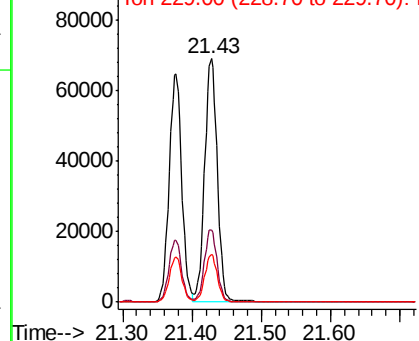
228 100

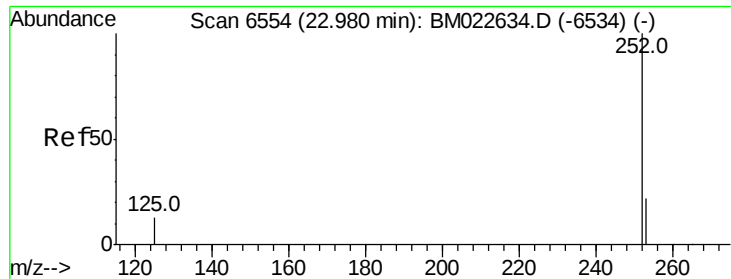
226 29.8 23.8 35.8

229 19.8 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: 0.334 ng/ul

RT: 22.99 min Scan# 6558

Delta R.T. 0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

Instrument :

BNA_M

ClientSampleId :

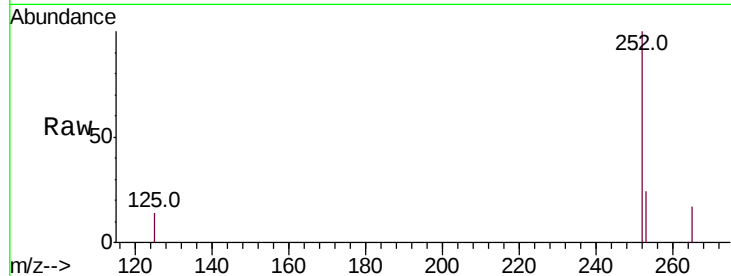
Tot Ion:252 Resp: 79785

Ion Ratio Lower Upper

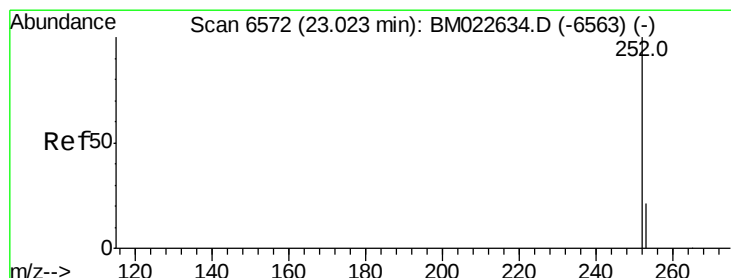
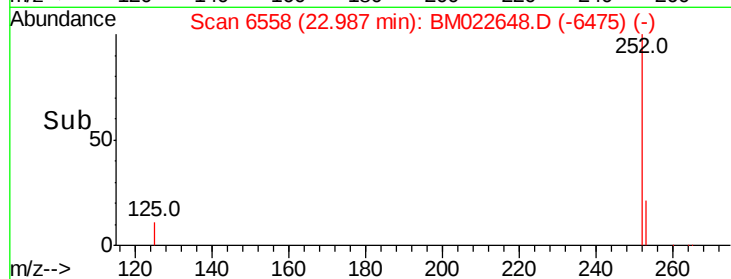
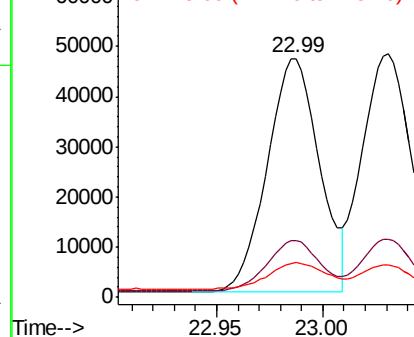
252 100

253 23.6 0.0 48.4

125 14.5 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: 0.325 ng/ul

RT: 23.03 min Scan# 6576

Delta R.T. 0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

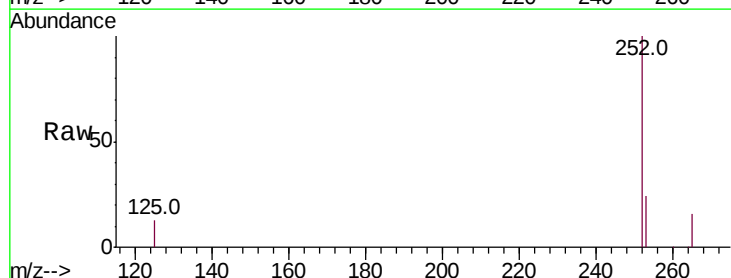
Tgt Ion:252 Resp: 79202

Ion Ratio Lower Upper

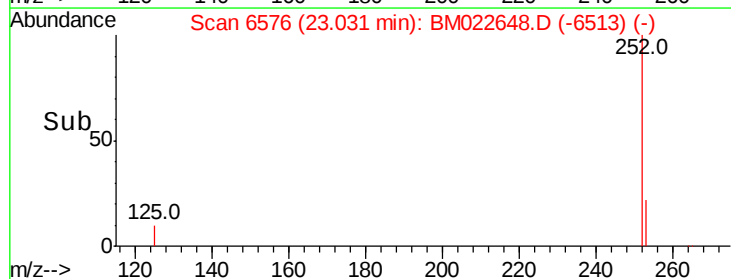
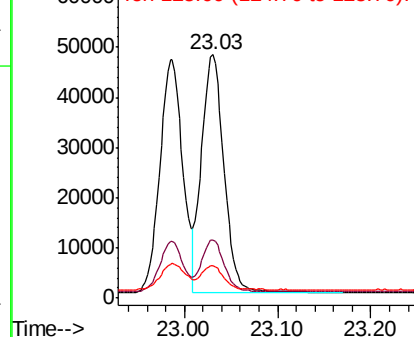
252 100

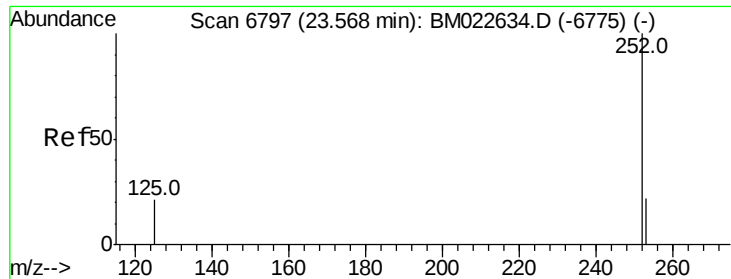
253 23.8 19.5 29.3

125 13.2 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: 0.325 ng/ul

RT: 23.57 min Scan# 6800

Delta R.T. 0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

Instrument :

BNA_M

ClientSampleId :

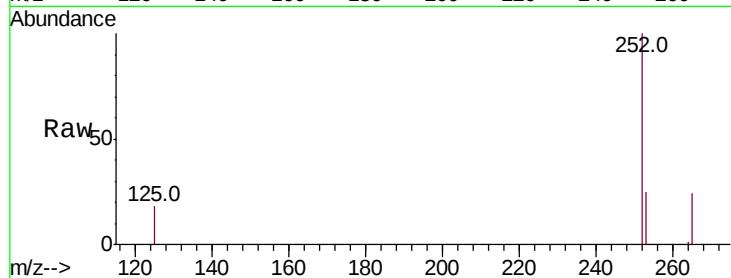
Tot Ion:252 Resp: 68050

Ion Ratio Lower Upper

252 100

253 24.9 20.2 30.2

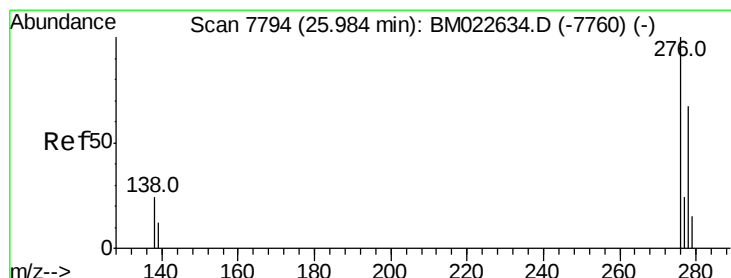
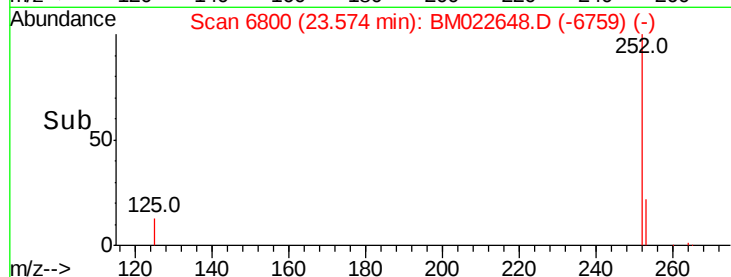
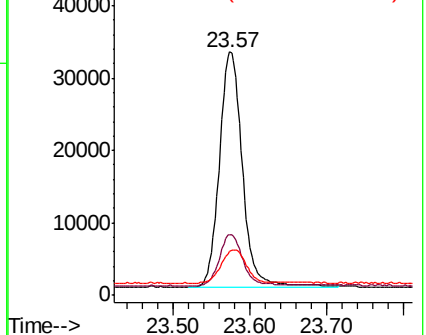
125 17.8 15.7 23.5



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: 0.284 ng/ul

RT: 25.99 min Scan# 7797

Delta R.T. 0.00 min

Lab File: BM022648.D

Acq: 11 Sep 2019 08:58

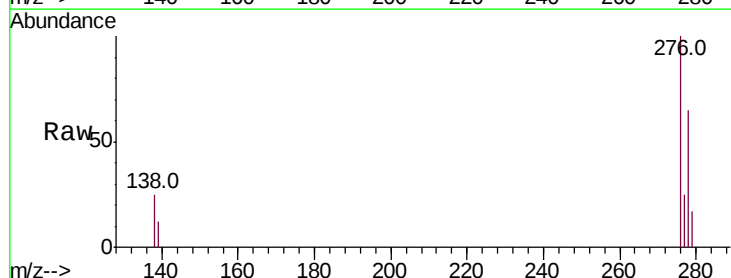
Tgt Ion:276 Resp: 72534

Ion Ratio Lower Upper

276 100

138 25.5 21.1 31.7

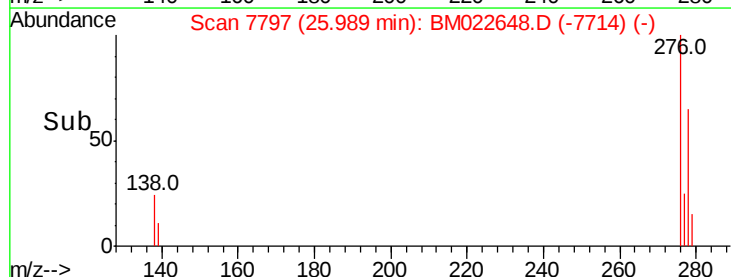
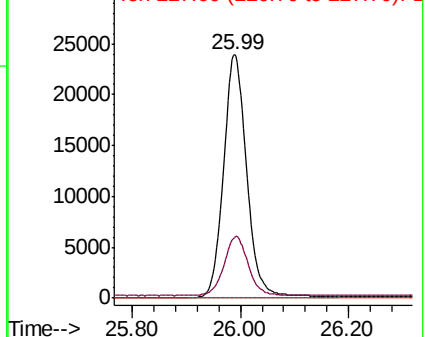
227 0.0 0.0 0.0

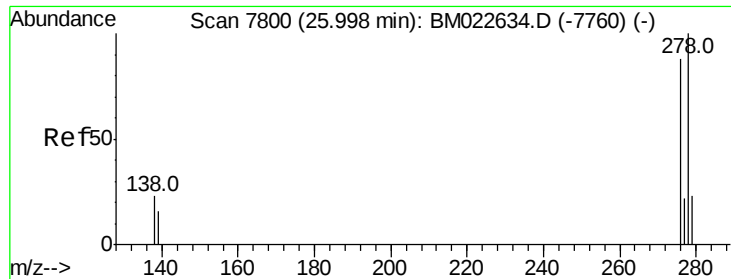


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

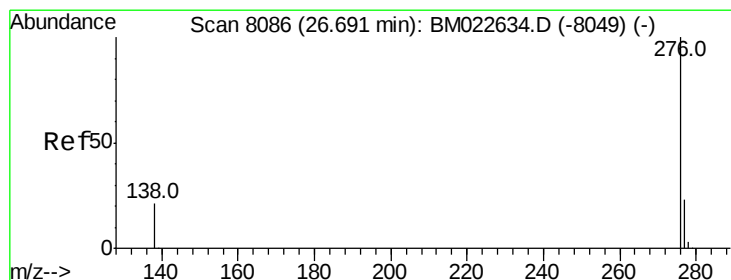
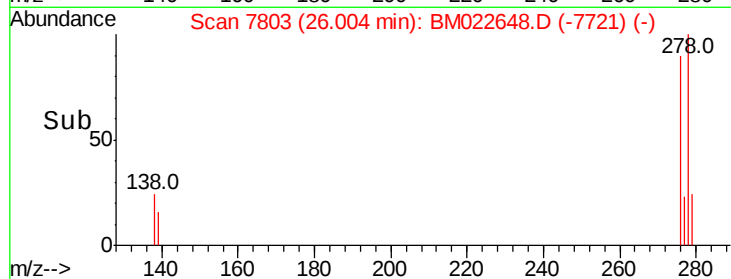
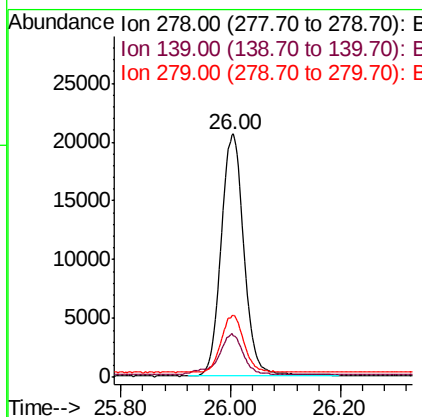
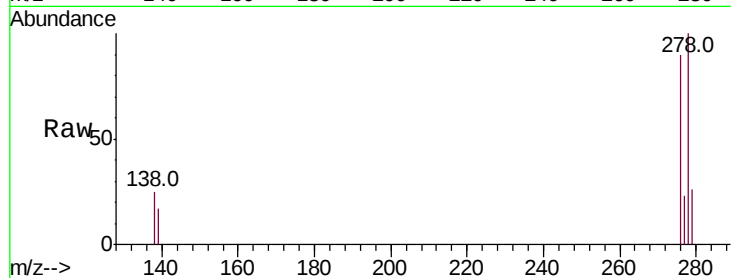




#25
Dibenzo(a,h)anthracene
Concen: 0.288 ng/ul
RT: 26.00 min Scan# 7803
Delta R.T. -0.00 min
Lab File: BM022648.D
Acq: 11 Sep 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 59377
Ion Ratio Lower Upper
278 100
139 17.1 13.8 20.6
279 25.6 21.3 31.9



#26
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 26.70 min Scan# 8089
Delta R.T. 0.00 min
Lab File: BM022648.D
Acq: 11 Sep 2019 08:58

Tgt Ion:276 Resp: 57701
Ion Ratio Lower Upper
276 100
138 22.2 18.2 27.4
277 24.1 19.2 28.8

