

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022420\
 Data File : BM025029.D
 Acq On : 24 Feb 2020 19:35
 Operator : CG/JU
 Sample : SST00.278
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 25 00:51:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 00:46:28 2020
 Response via : Initial Calibration

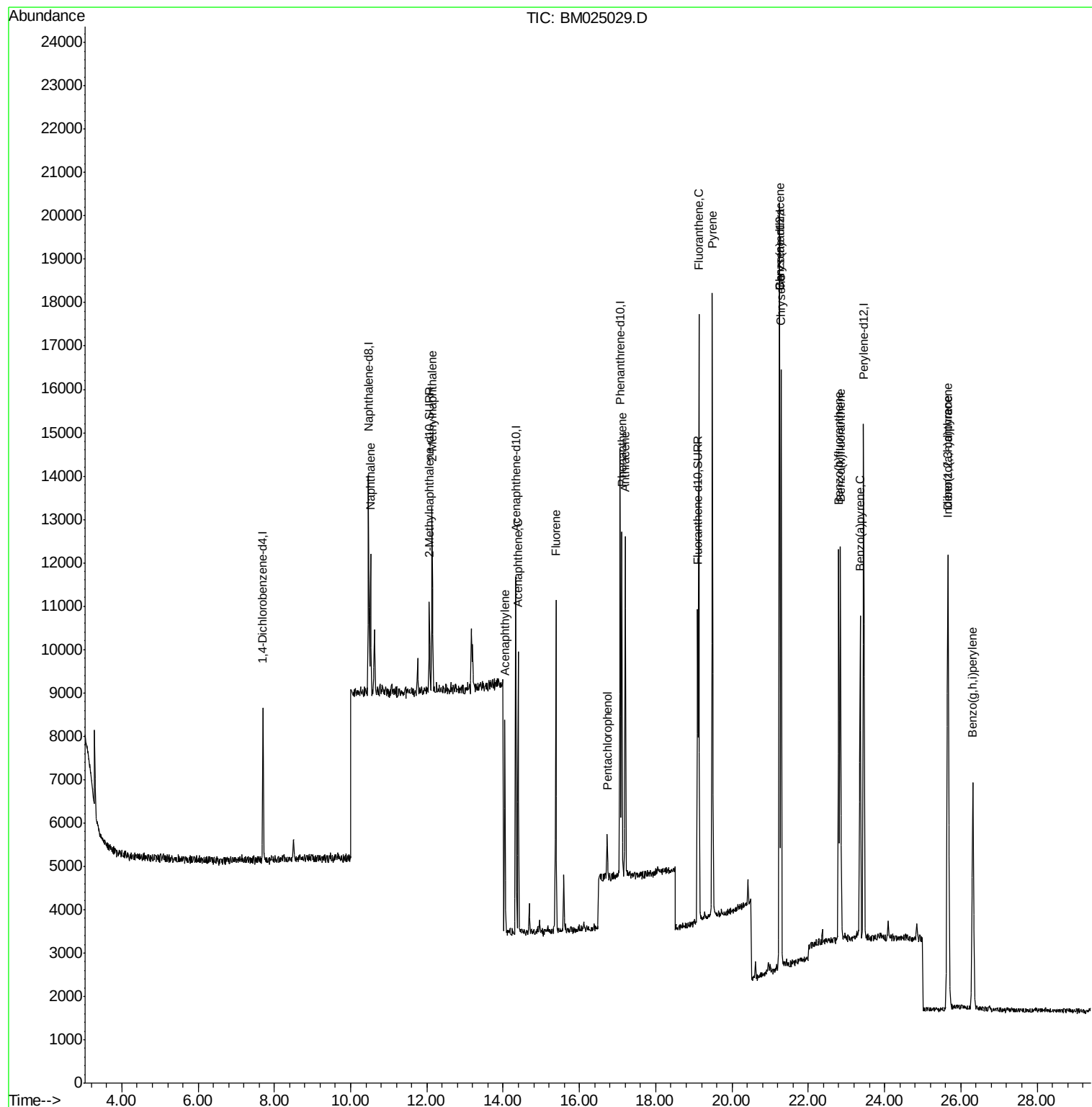
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1725	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	6803	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	4623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	11381	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12793	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	13985	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	2641	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	8018	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	4204	0.217	ng/ul#	80
5) 2-Methylnaphthalene	12.14	142	3012	0.227	ng/ul	96
7) Acenaphthylene	14.05	152	5696	0.266	ng/ul#	93
8) Acenaphthene	14.39	153	3661	0.204	ng/ul	96
9) Fluorene	15.38	166	4597	0.224	ng/ul#	95
11) Pentachlorophenol	16.72	266	698	0.302	ng/ul	98
12) Phenanthrene	17.11	178	8290	0.229	ng/ul	94
13) Anthracene	17.20	178	8178	0.263	ng/ul	94
15) Fluoranthene	19.13	202	12685	0.324	ng/ul	95
17) Pyrene	19.49	202	12226	0.211	ng/ul#	97
18) Benzo(a)anthracene	21.24	228	11608	0.237	ng/ul	97
19) Chrysene	21.29	228	11549	0.224	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	11418	0.188	ng/ul	90
22) Benzo(k)fluoranthene	22.84	252	11060	0.178	ng/ul#	89
23) Benzo(a)pyrene	23.36	252	10171	0.191	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.65	276	12846	0.198	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.67	278	10778	0.206	ng/ul#	92
26) Benzo(g,h,i)perylene	26.32	276	10866	0.210	ng/ul#	92

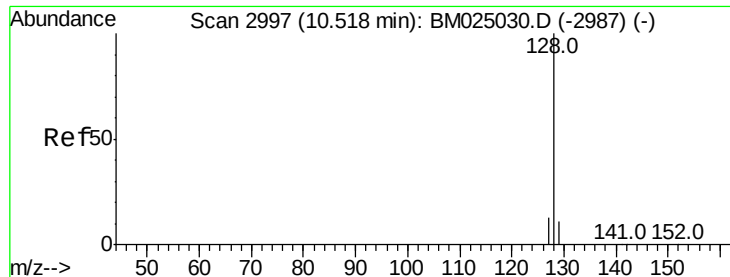
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.217 ng/ul

RT: 10.52 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampleId :

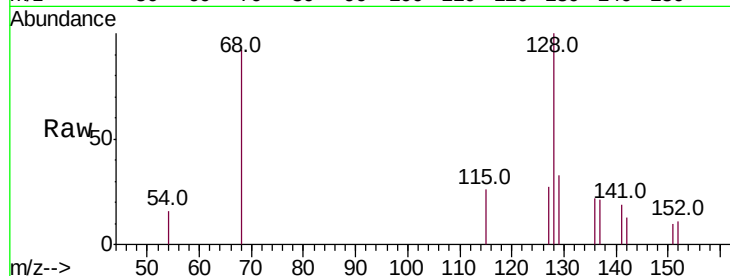
Tot Ion:128 Resp: 4204

Ion Ratio Lower Upper

128 100

129 32.8 17.0 25.6#

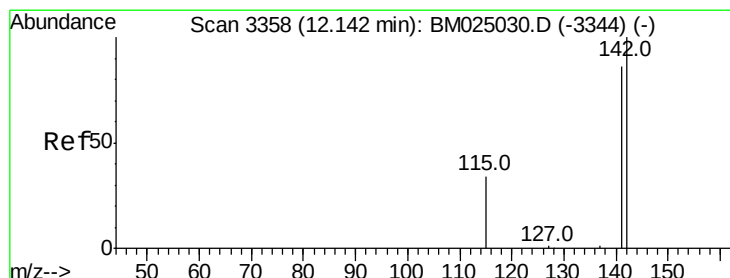
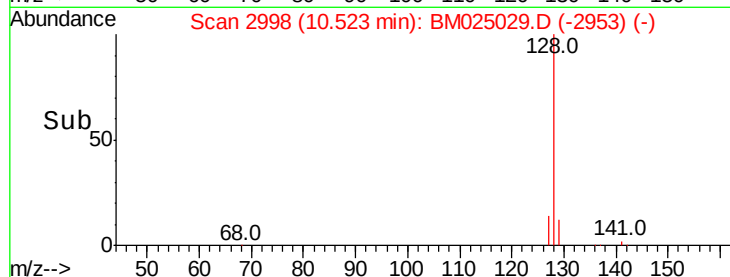
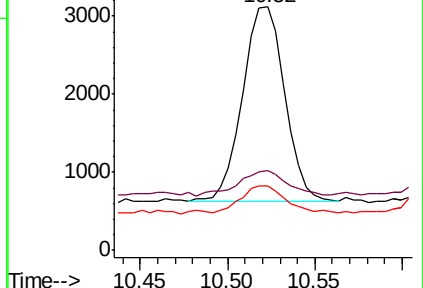
127 26.6 15.7 23.5#



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: 0.227 ng/ul

RT: 12.14 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM025029.D

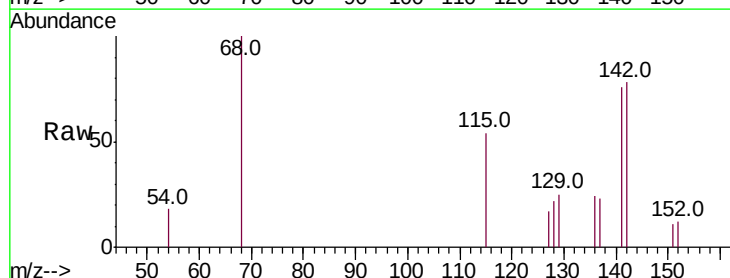
Acq: 24 Feb 2020 19:35

Tgt Ion:142 Resp: 3012

Ion Ratio Lower Upper

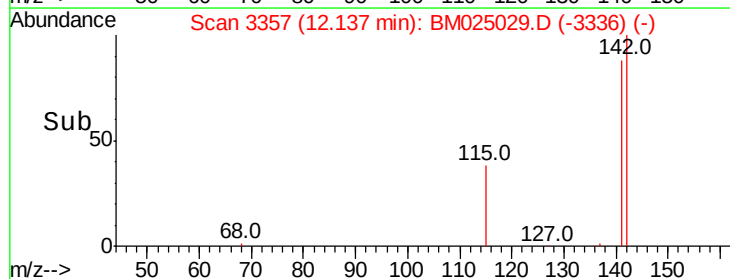
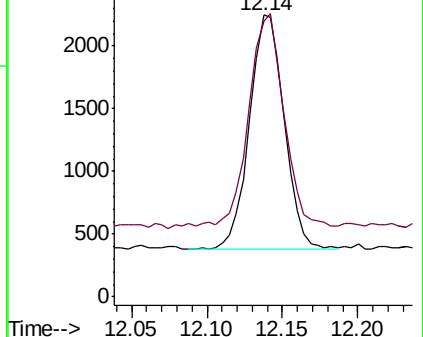
142 100

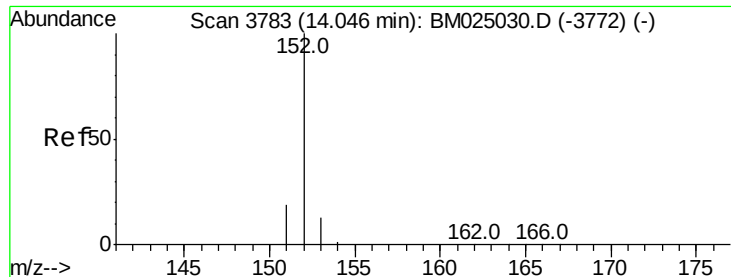
141 91.0 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.266 ng/ul

RT: 14.05 min Scan# 3783

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampled :

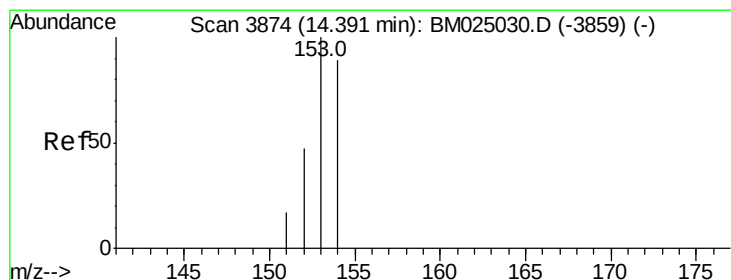
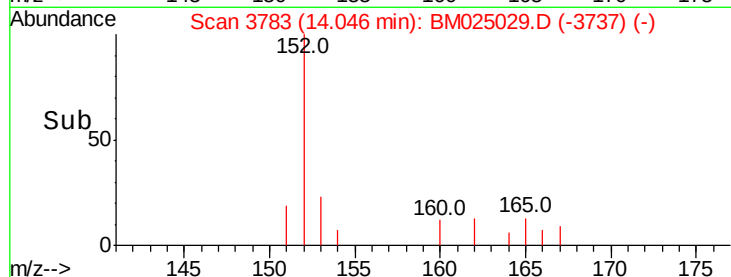
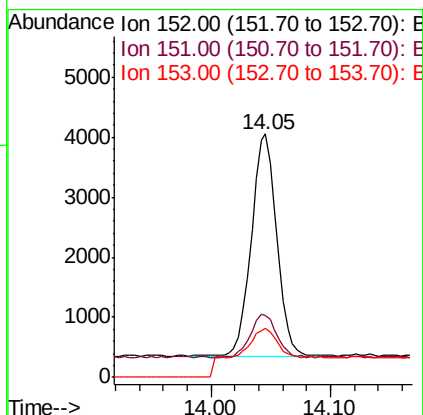
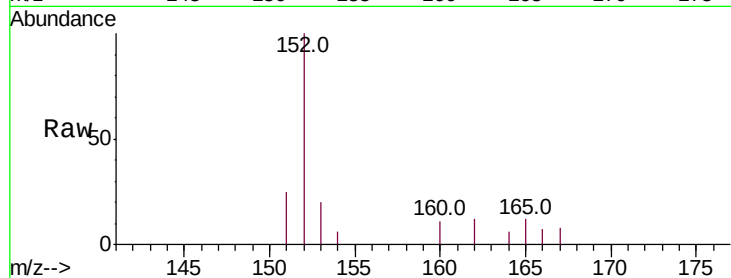
Tot Ion:152 Resp: 5696

Ion Ratio Lower Upper

152 100

151 25.3 17.8 26.8

153 20.4 13.3 19.9#



#8

Acenaphthene

Concen: 0.204 ng/ul

RT: 14.39 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

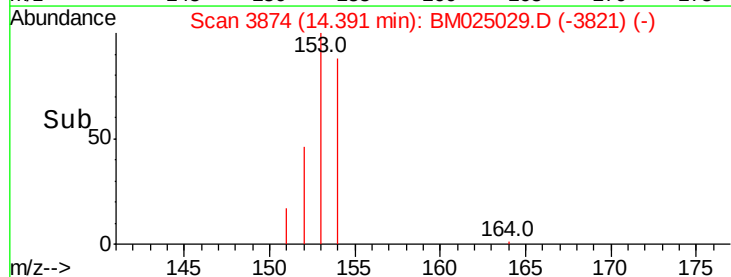
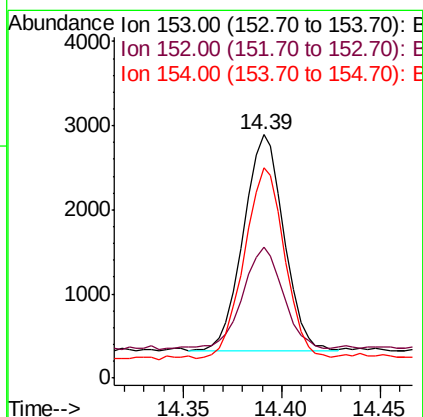
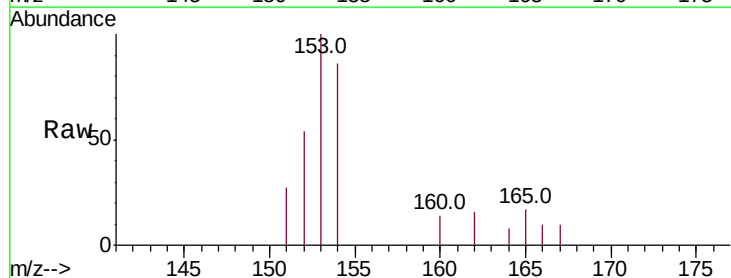
Tgt Ion:153 Resp: 3661

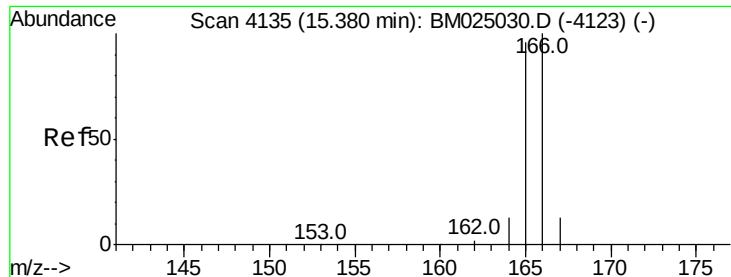
Ion Ratio Lower Upper

153 100

152 53.9 40.0 60.0

154 86.2 71.0 106.6





#9

Fluorene

Concen: 0.224 ng/ul

RT: 15.38 min Scan# 4135

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampleId :

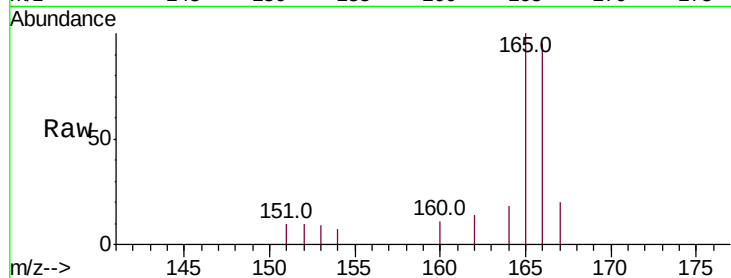
Tot Ion:166 Resp: 4597

Ion Ratio Lower Upper

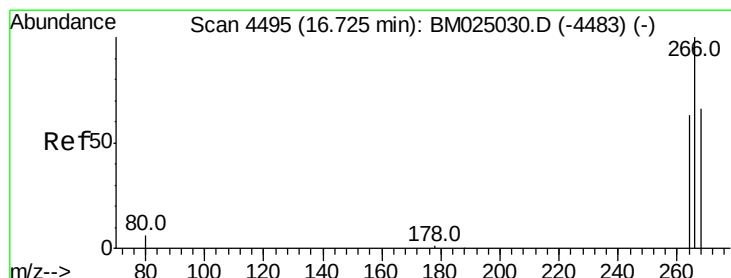
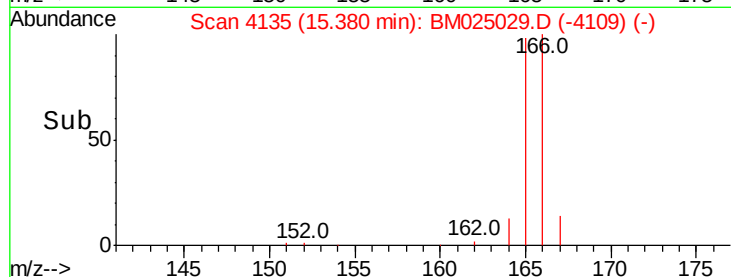
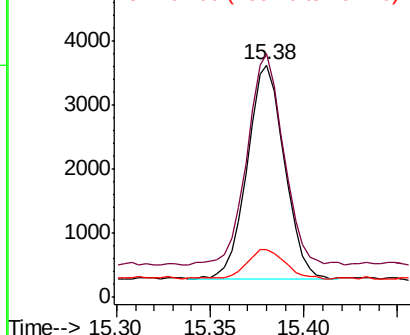
166 100

165 104.8 80.0 120.0

167 20.8 13.7 20.5#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.302 ng/ul

RT: 16.72 min Scan# 4495

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

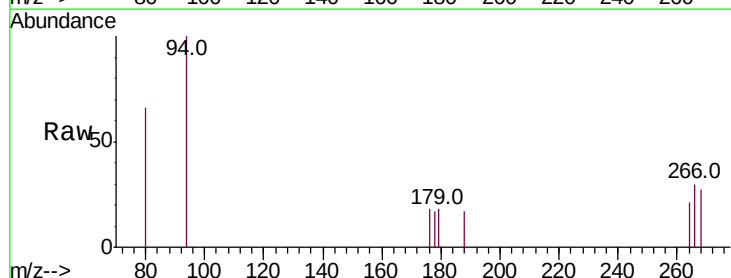
Tgt Ion:266 Resp: 698

Ion Ratio Lower Upper

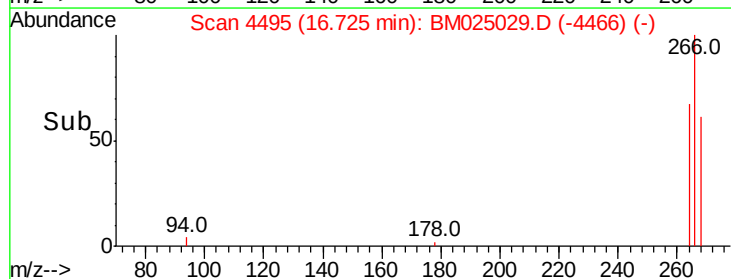
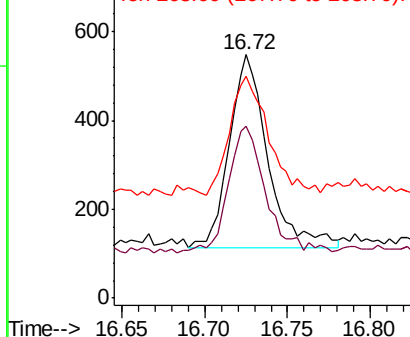
266 100

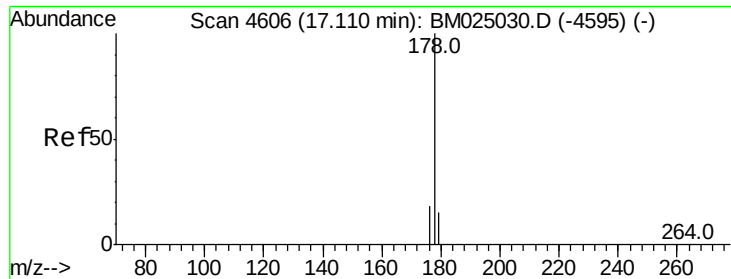
264 63.9 49.8 74.6

268 63.0 49.0 73.4



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.229 ng/ul

RT: 17.11 min Scan# 4606

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampleId :

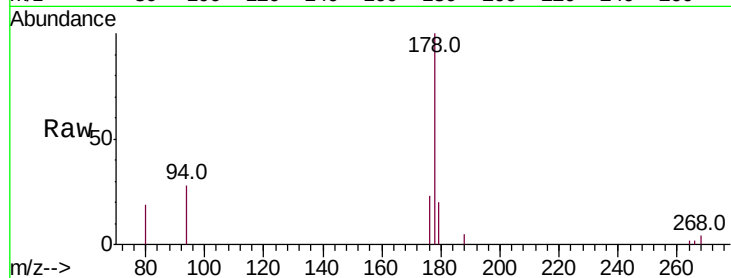
Tot Ion:178 Resp: 8290

Ion Ratio Lower Upper

178 100

179 20.2 14.0 21.0

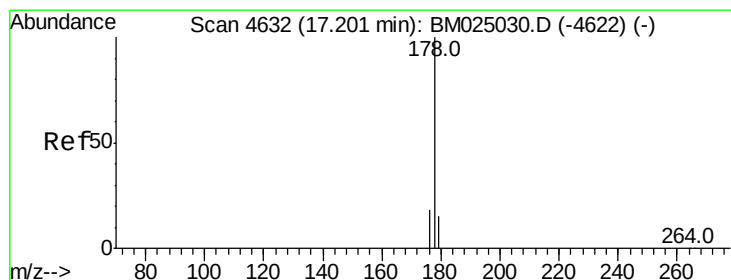
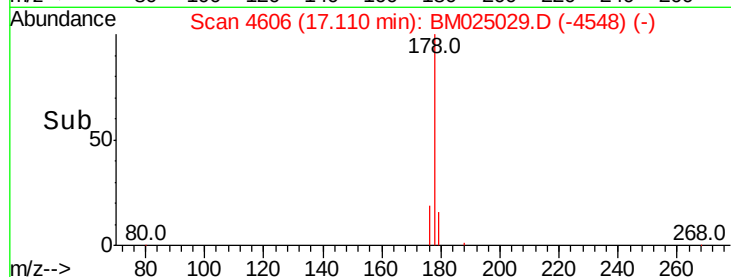
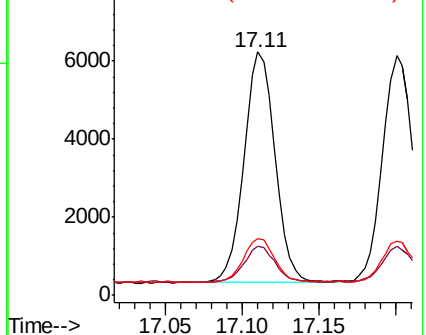
176 23.4 16.6 24.8



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: 0.263 ng/ul

RT: 17.20 min Scan# 4632

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

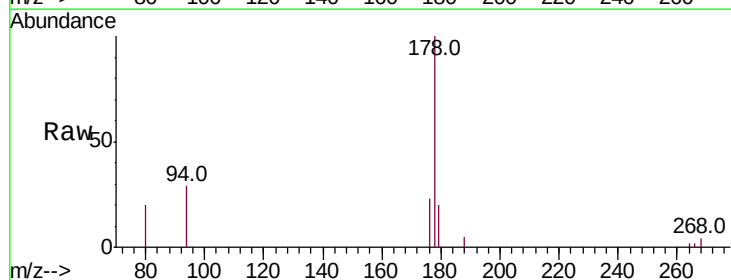
Tgt Ion:178 Resp: 8178

Ion Ratio Lower Upper

178 100

179 20.3 14.1 21.1

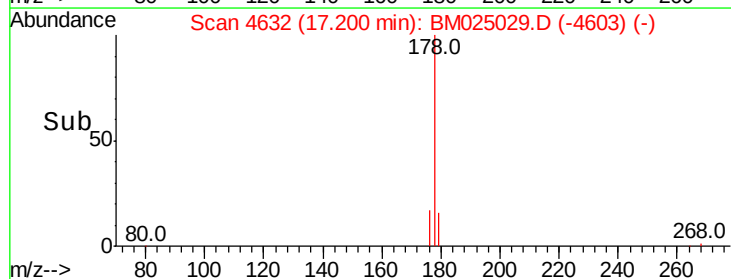
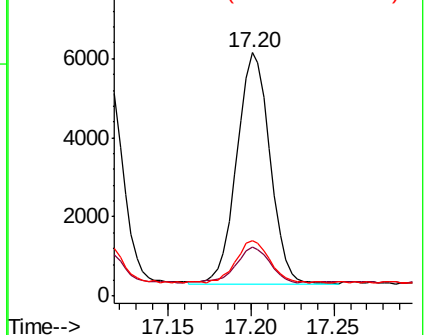
176 22.7 16.2 24.4

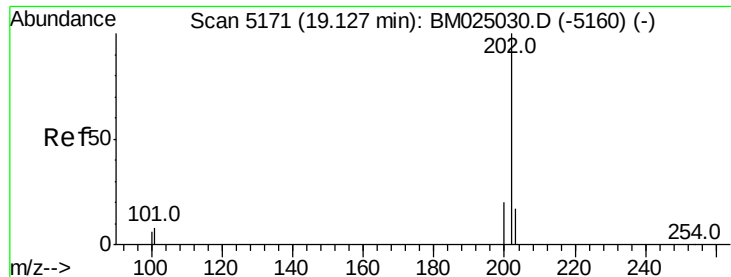


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

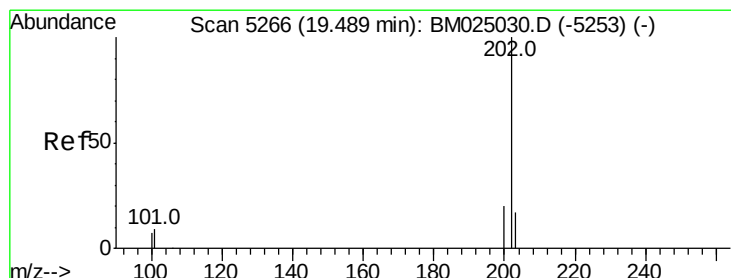
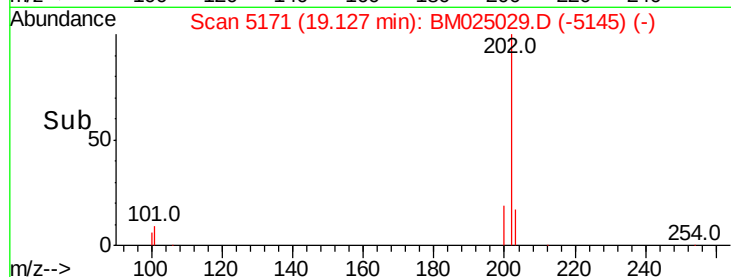
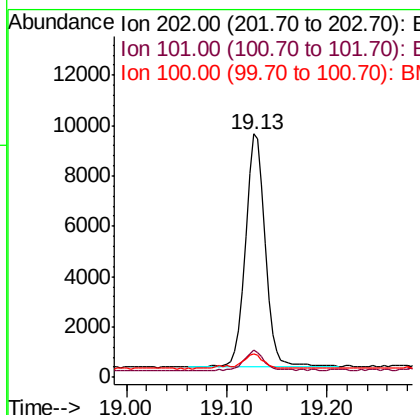
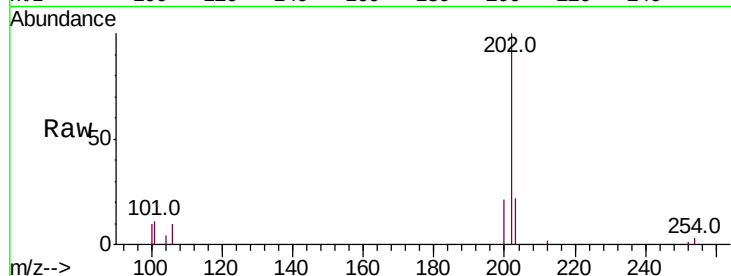




#15
 Fluoranthene
 Concen: 0.324 ng/ul
 RT: 19.13 min Scan# 5171
 Delta R.T. -0.00 min
 Lab File: BM025029.D
 Acq: 24 Feb 2020 19:35

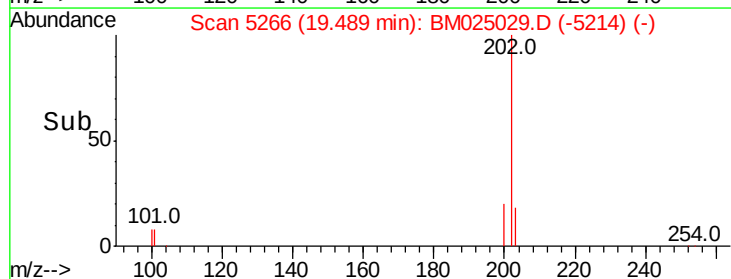
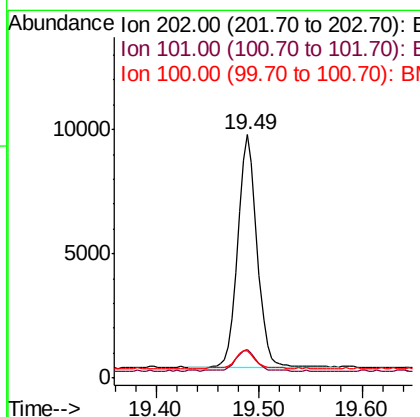
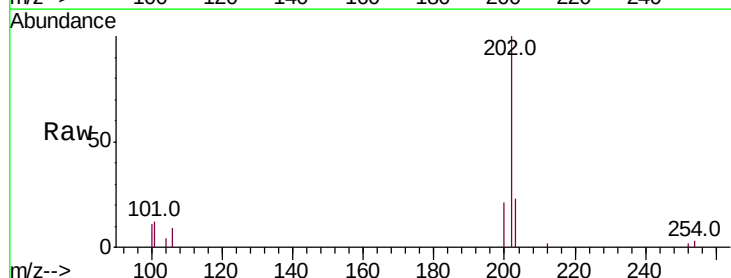
Instrument :
 BNA_M
 ClientSampleId :

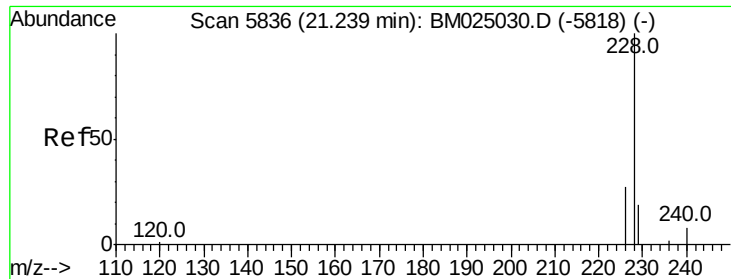
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.4
100	9.8	0.0	28.0



#17
 Pyrene
 Concen: 0.211 ng/ul
 RT: 19.49 min Scan# 5266
 Delta R.T. -0.00 min
 Lab File: BM025029.D
 Acq: 24 Feb 2020 19:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.7	13.1
100	11.1	7.3	10.9#





#18

Benzo(a)anthracene

Concen: 0.237 ng/ul

RT: 21.24 min Scan# 5836

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampleId :

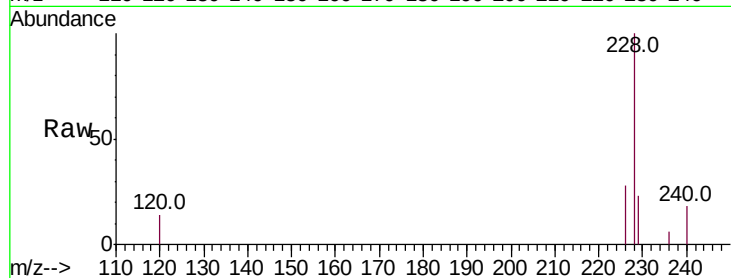
Tot Ion:228 Resp: 11608

Ion Ratio Lower Upper

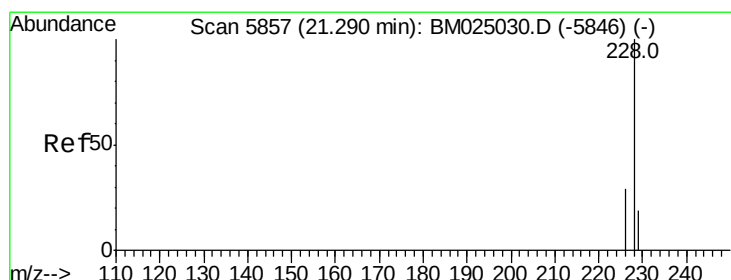
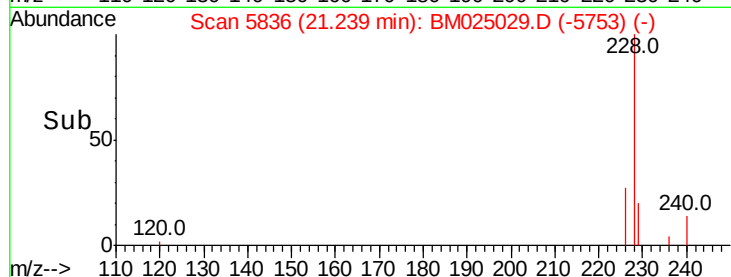
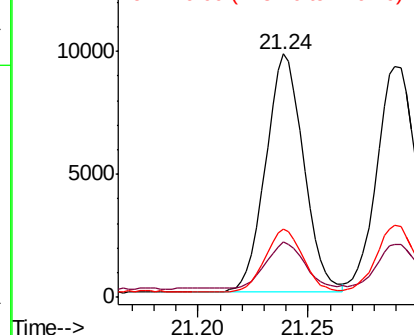
228 100

229 22.7 16.6 25.0

226 28.3 21.9 32.9



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: 0.224 ng/ul

RT: 21.29 min Scan# 5857

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

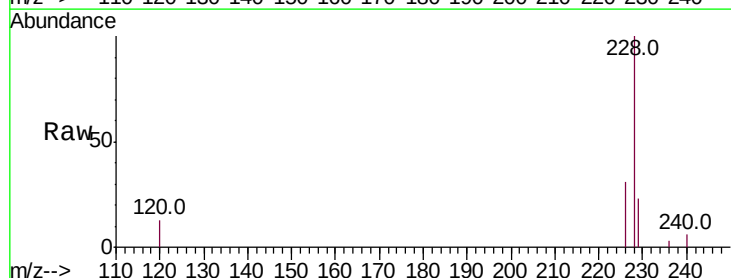
Tgt Ion:228 Resp: 11549

Ion Ratio Lower Upper

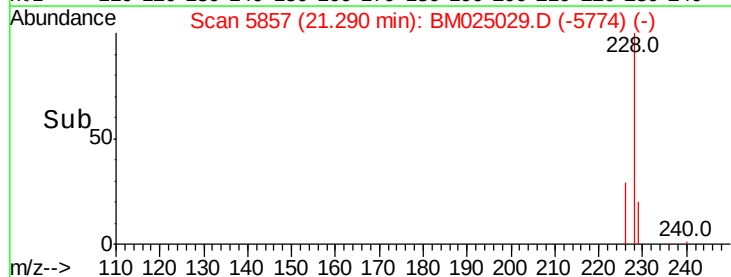
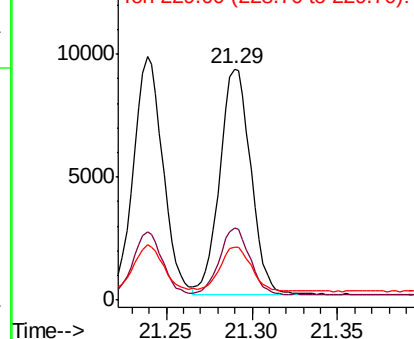
228 100

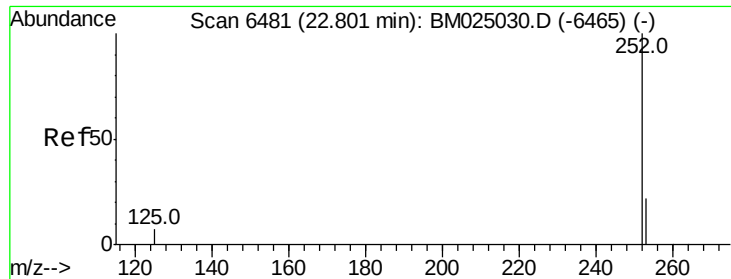
226 31.1 23.8 35.8

229 23.1 16.9 25.3



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: 0.188 ng/ul

RT: 22.80 min Scan# 6481

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampleId :

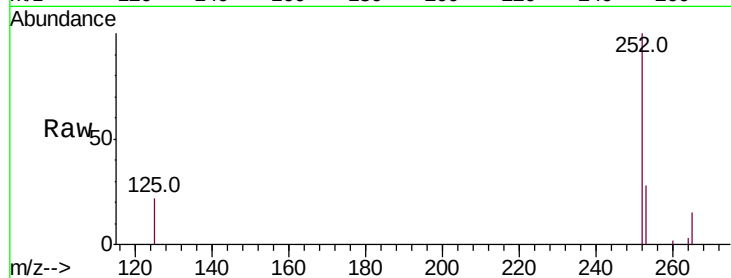
Tot Ion:252 Resp: 11418

Ion Ratio Lower Upper

252 100

253 27.5 0.0 49.8

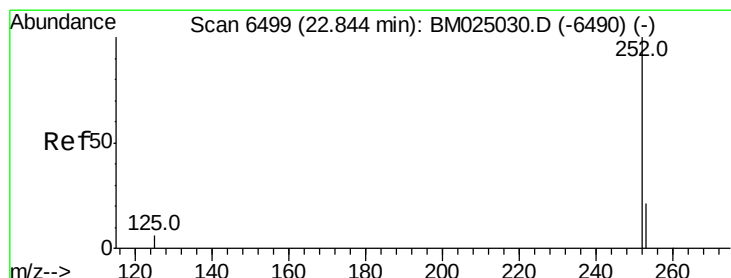
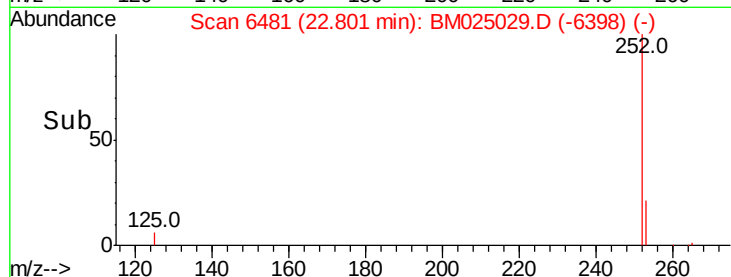
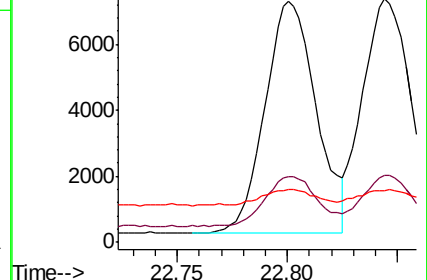
125 21.8 0.0 28.6



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: 0.178 ng/ul

RT: 22.84 min Scan# 6499

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

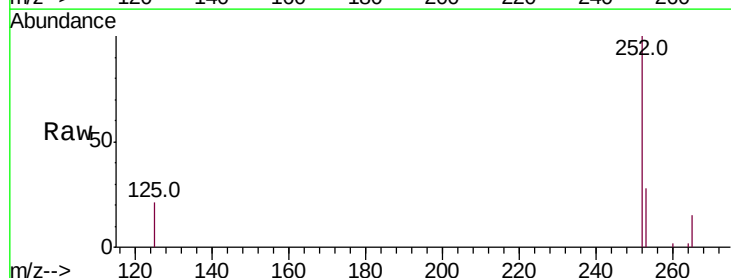
Tgt Ion:252 Resp: 11060

Ion Ratio Lower Upper

252 100

253 27.7 19.4 29.0

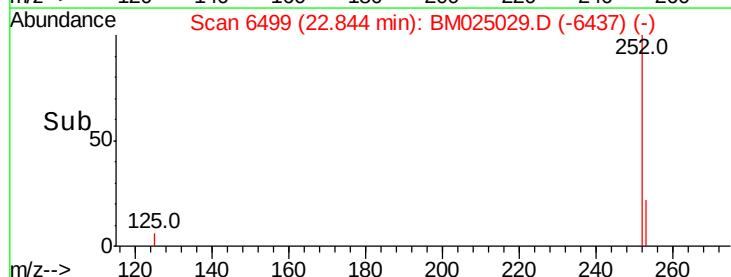
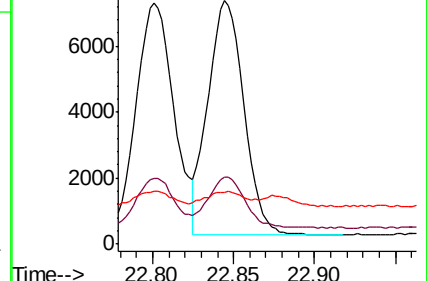
125 21.0 10.7 16.1#

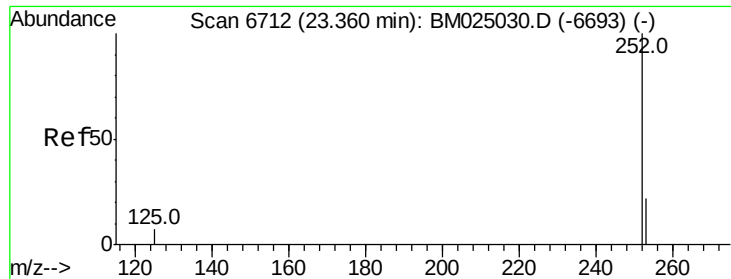


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.191 ng/ul

RT: 23.36 min Scan# 6712

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

Instrument :

BNA_M

ClientSampleId :

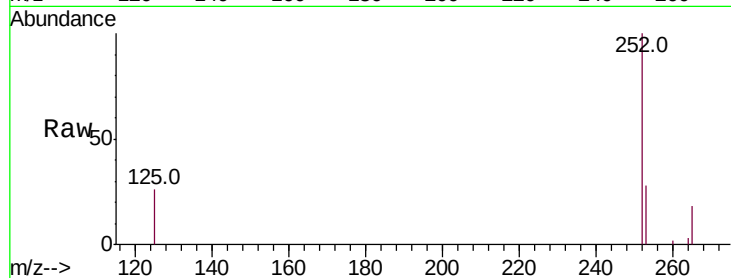
Tot Ion:252 Resp: 10171

Ion Ratio Lower Upper

252 100

253 28.3 20.3 30.5

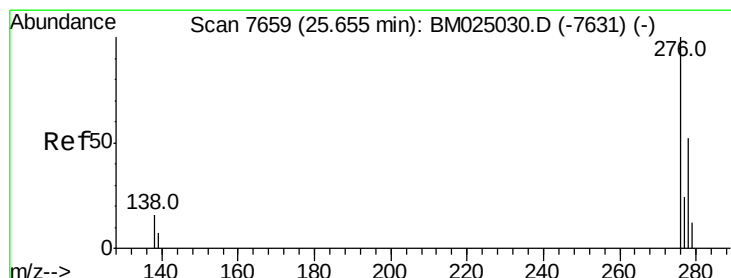
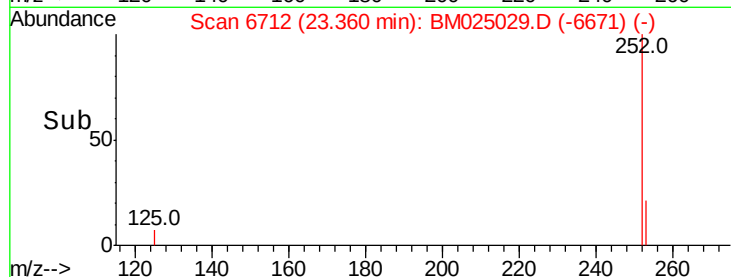
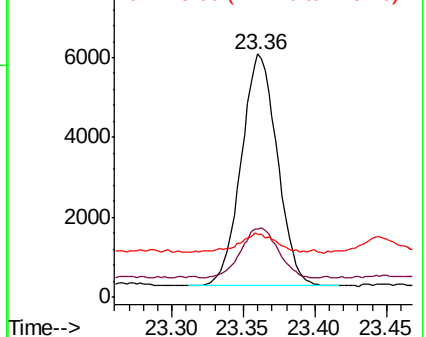
125 25.8 13.0 19.4#



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: 0.198 ng/ul

RT: 25.65 min Scan# 7658

Delta R.T. -0.00 min

Lab File: BM025029.D

Acq: 24 Feb 2020 19:35

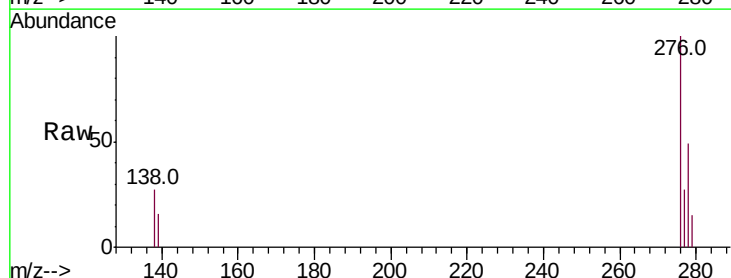
Tgt Ion:276 Resp: 12846

Ion Ratio Lower Upper

276 100

138 16.9 0.0 0.0#

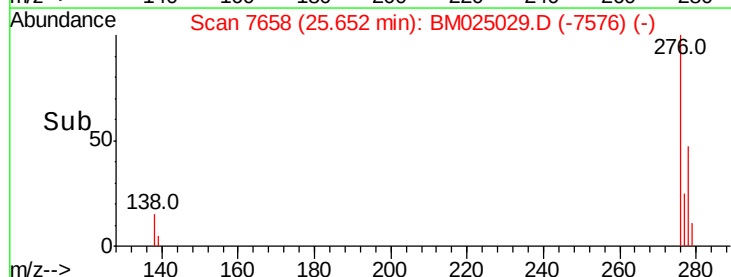
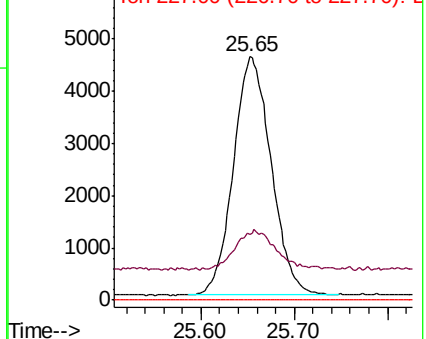
227 0.0 0.0 0.0

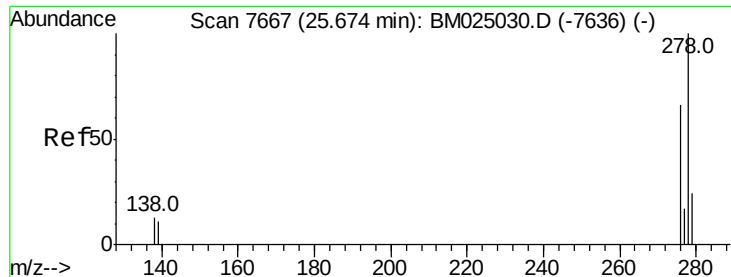


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



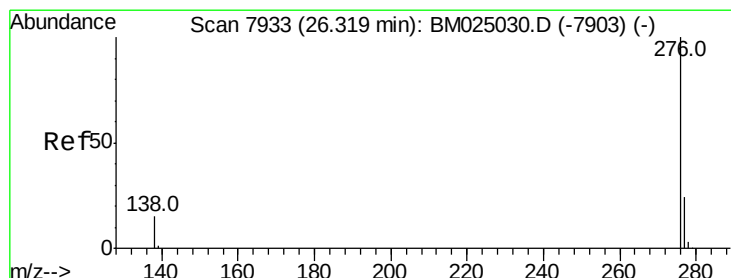
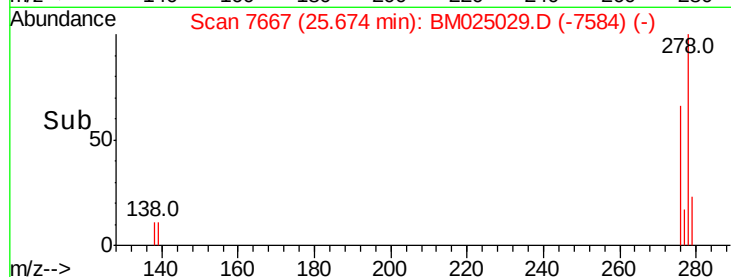
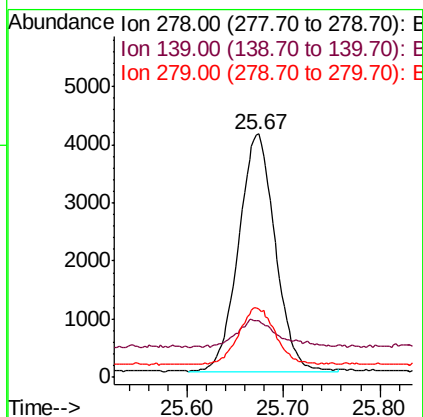
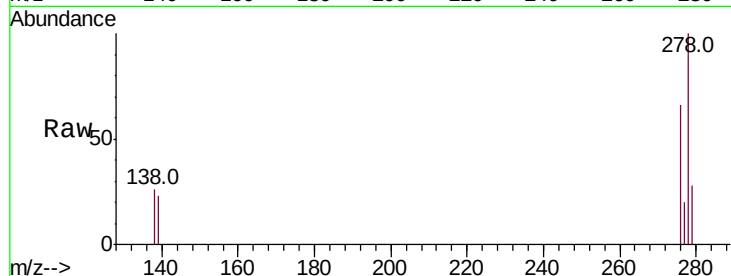


#25
Dibenzo(a,h)anthracene
Concen: 0.206 ng/ul
RT: 25.67 min Scan# 7667
Delta R.T. -0.00 min
Lab File: BM025029.D
Acq: 24 Feb 2020 19:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 10778

Ion	Ratio	Lower	Upper
278	100		
139	23.2	13.2	19.8#
279	27.8	21.0	31.4



#26
Benzo(g,h,i)perylene
Concen: 0.210 ng/ul
RT: 26.32 min Scan# 7933
Delta R.T. -0.00 min
Lab File: BM025029.D
Acq: 24 Feb 2020 19:35

Tgt Ion:276 Resp: 10866

Ion	Ratio	Lower	Upper
276	100		
138	29.6	17.9	26.9#
277	26.1	20.5	30.7

