

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025640.D
 Acq On : 18 Mar 2020 22:22
 Operator : CG/JU
 Sample : L1786-15DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 00:09:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

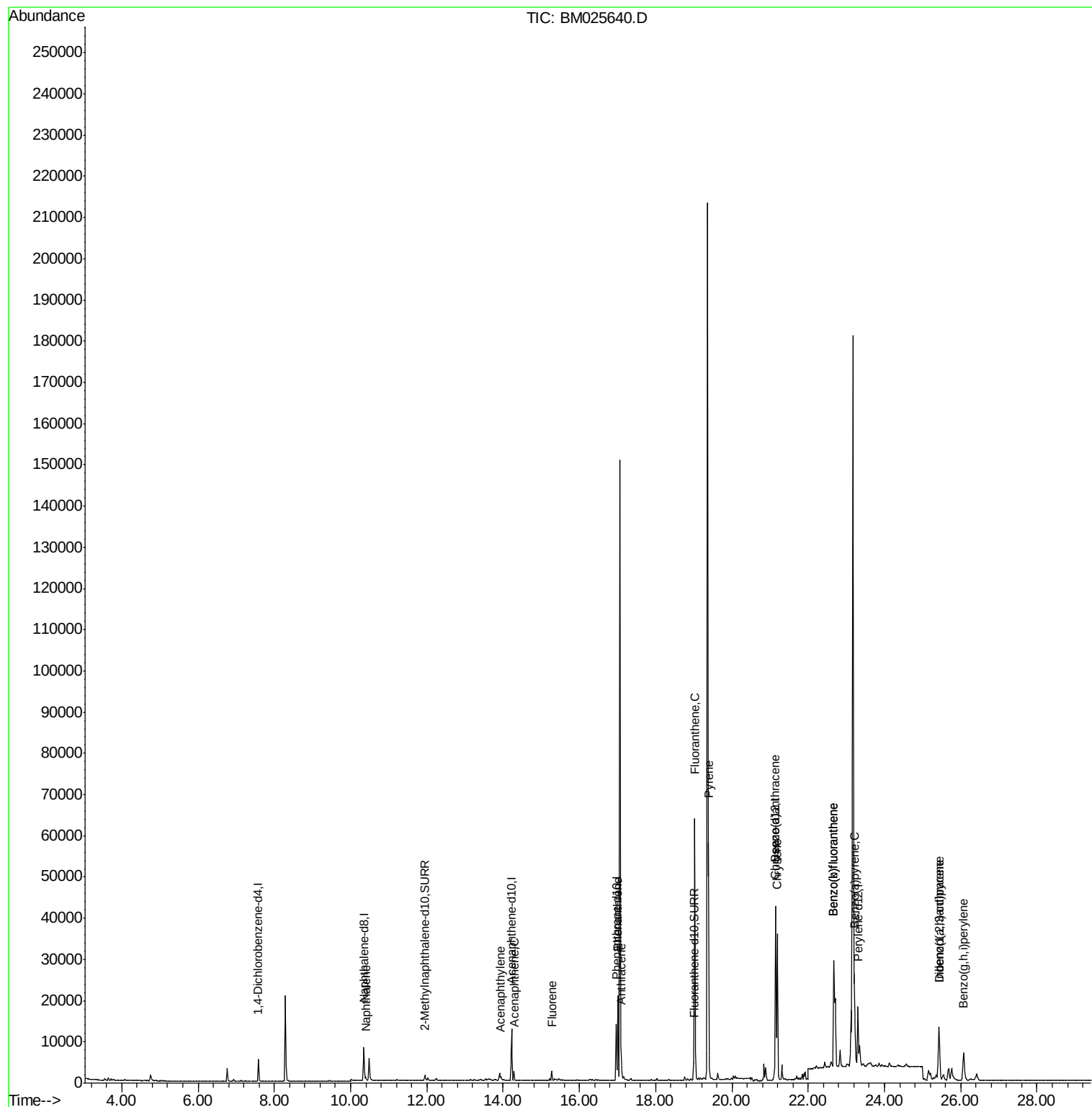
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6830	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15911	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	16671	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	17220	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1750	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	4602	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	1235	0.039	ng/ul#	86
7) Acenaphthylene	13.94	152	1119	0.040	ng/ul#	77
8) Acenaphthene	14.28	153	1285	0.053	ng/ul	99
9) Fluorene	15.27	166	1419	0.048	ng/ul#	97
12) Phenanthrene	17.00	178	20994	0.416	ng/ul	100
13) Anthracene	17.10	178	5429	0.124	ng/ul	96
15) Fluoranthene	19.02	202	53949	0.987	ng/ul	97
17) Pyrene	19.39	202	47949	0.641	ng/ul	98
18) Benzo(a)anthracene	21.14	228	32320	0.542	ng/ul	99
19) Chrysene	21.19	228	31787	0.475	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	60405	0.886	ng/ul	99
22) Benzo(k)fluoranthene	22.67	252	60405	0.845	ng/ul	100
23) Benzo(a)pyrene	23.21	252	27578	0.487	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.43	276	19432	0.253	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.44	278	6049	0.094	ng/ul#	85
26) Benzo(a,h,i)perylene	26.07	276	13853	0.208	ng/ul	96

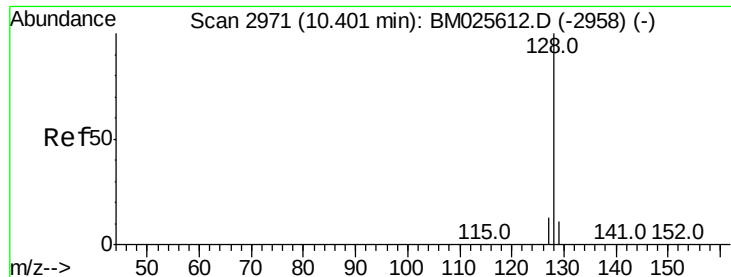
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

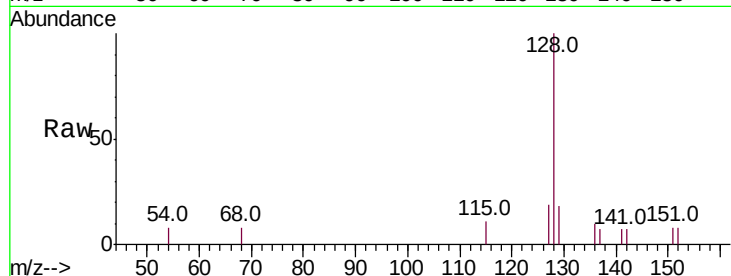
Tot Ion:128 Resp: 1235

Ion Ratio Lower Upper

128 100

129 18.2 9.4 14.0#

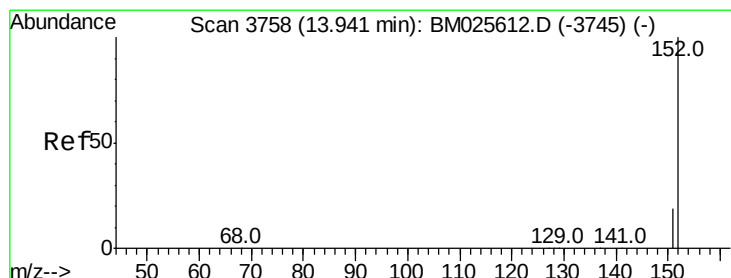
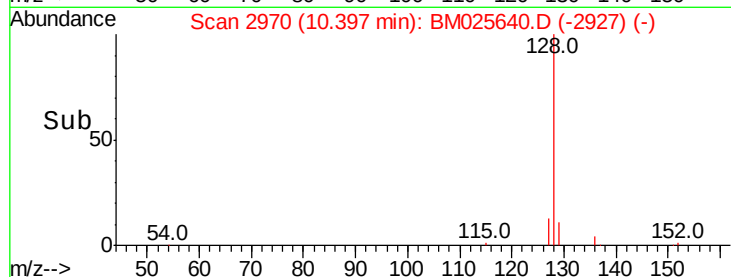
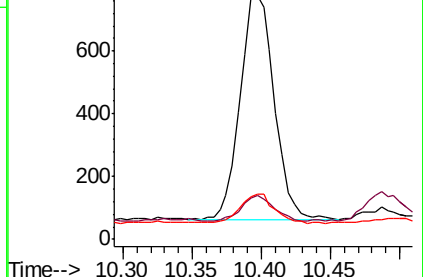
127 18.6 10.9 16.3#



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



#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

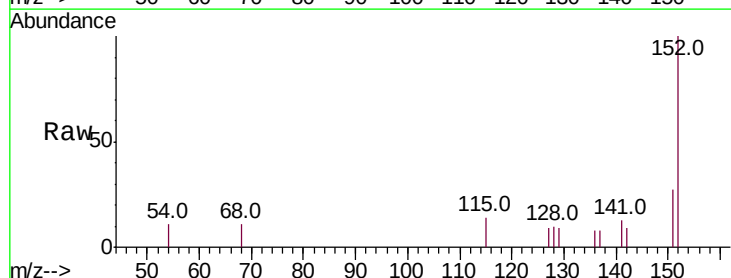
Tgt Ion:152 Resp: 1119

Ion Ratio Lower Upper

152 100

151 27.4 16.2 24.2#

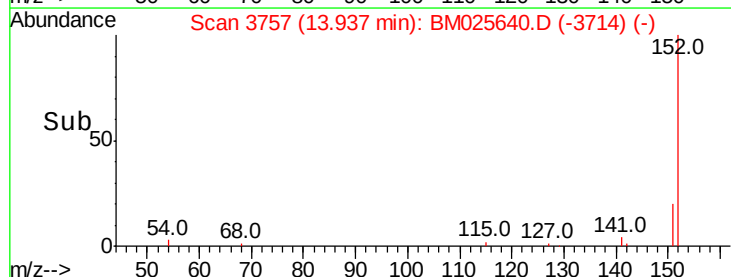
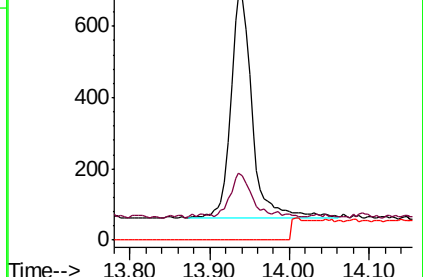
153 0.0 10.6 16.0#

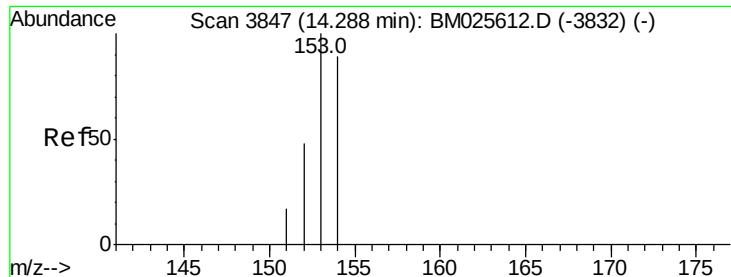


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.053 ng/ul

RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

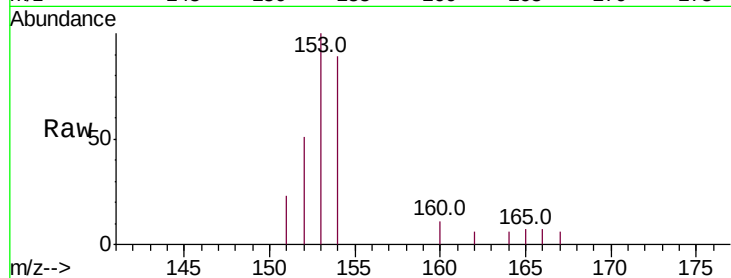
Tot Ion:153 Resp: 1285

Ion Ratio Lower Upper

153 100

152 50.9 39.5 59.3

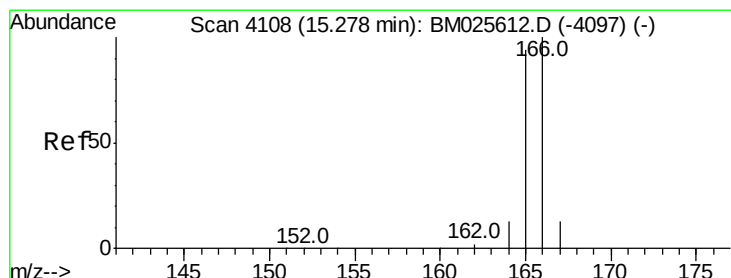
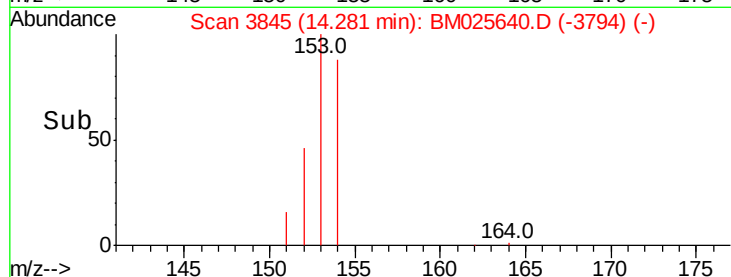
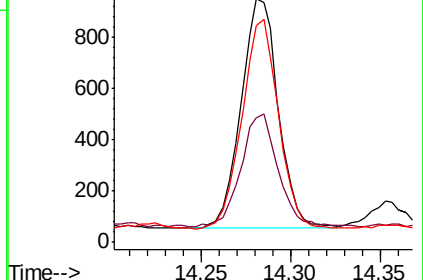
154 89.1 71.7 107.5



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: 0.048 ng/ul

RT: 15.27 min Scan# 4107

Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

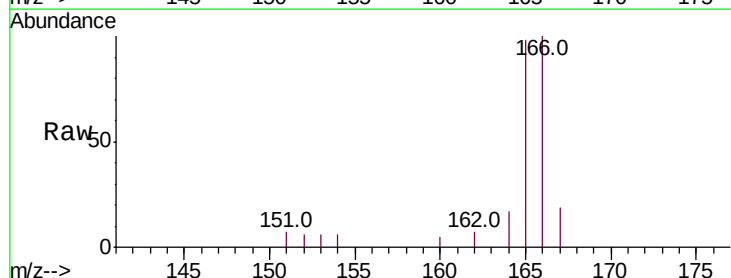
Tgt Ion:166 Resp: 1419

Ion Ratio Lower Upper

166 100

165 97.9 76.8 115.2

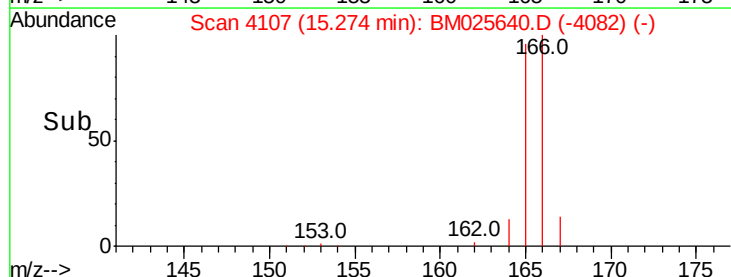
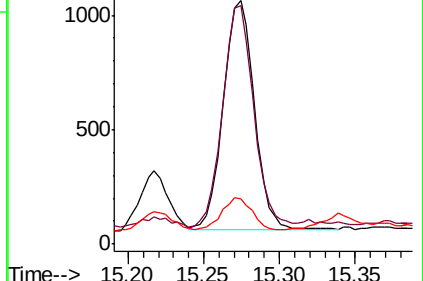
167 18.7 11.2 16.8#

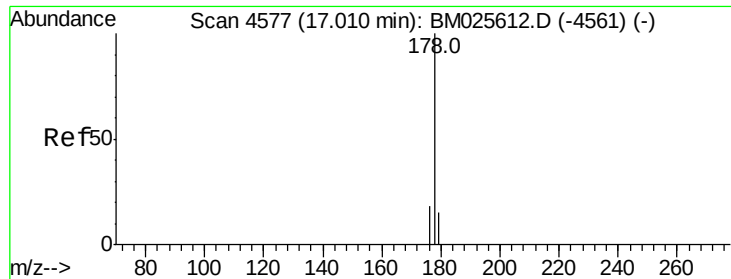


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.00 min Scan# 4575

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

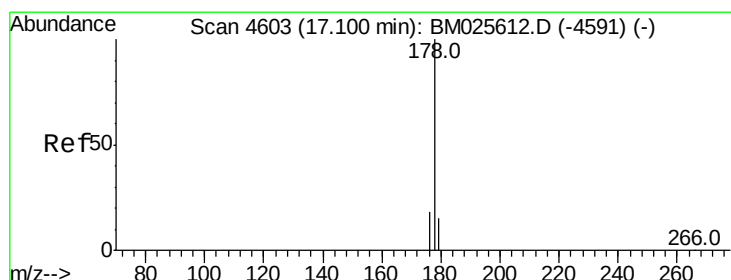
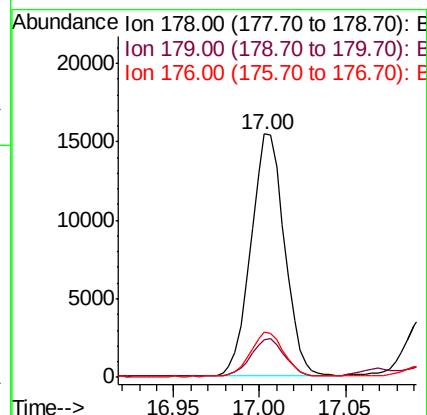
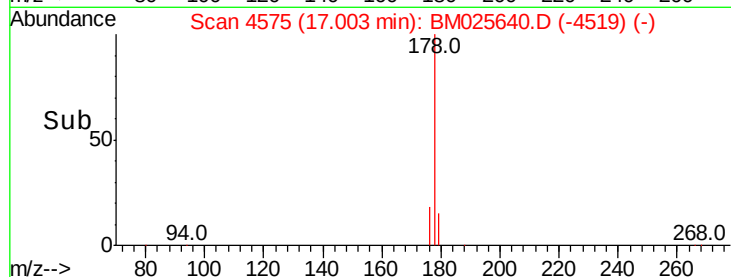
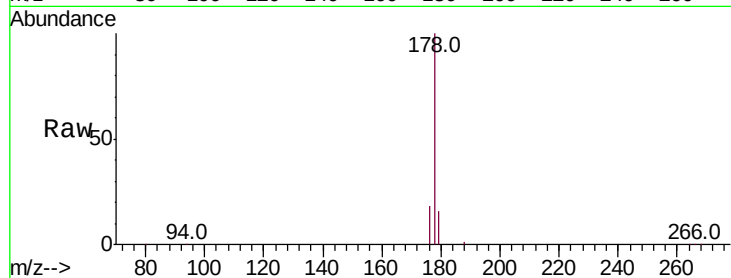
Tot Ion:178 Resp: 20994

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.3 14.8 22.2



#13

Anthracene

Concen: 0.124 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

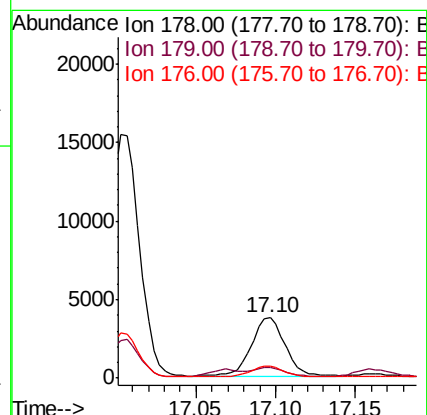
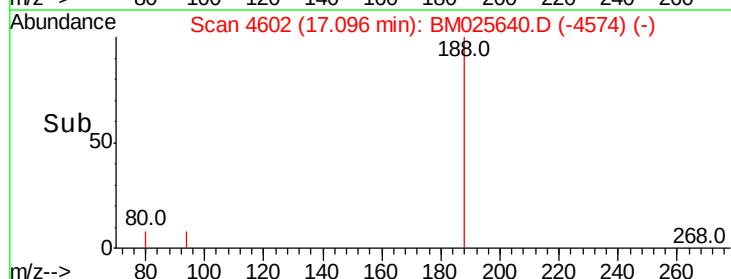
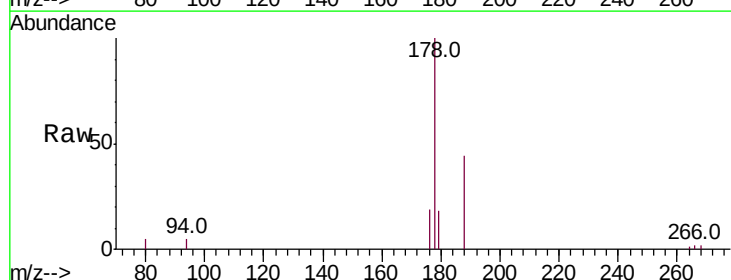
Tgt Ion:178 Resp: 5429

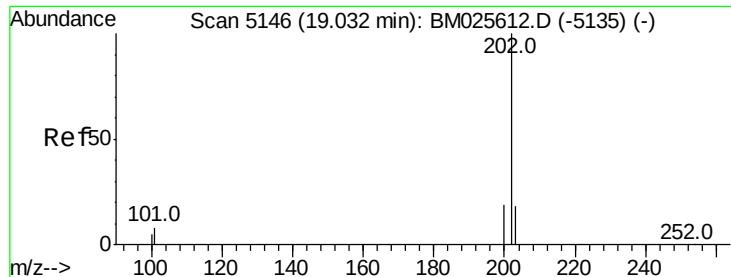
Ion Ratio Lower Upper

178 100

179 18.2 12.6 18.8

176 19.5 14.5 21.7





#15

Fluoranthene

Concen: 0.987 ng/ul

RT: 19.02 min Scan# 5144

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

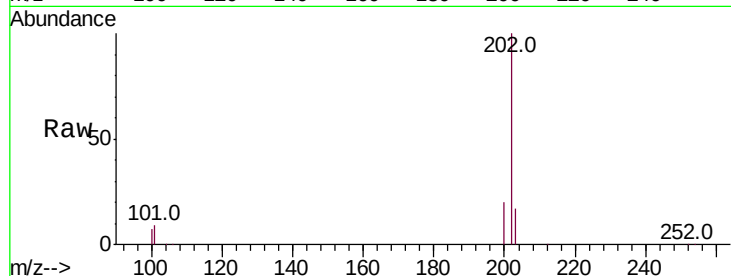
Tot Ion:202 Resp: 53949

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.5

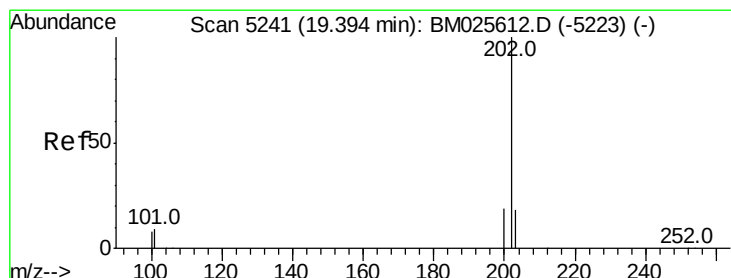
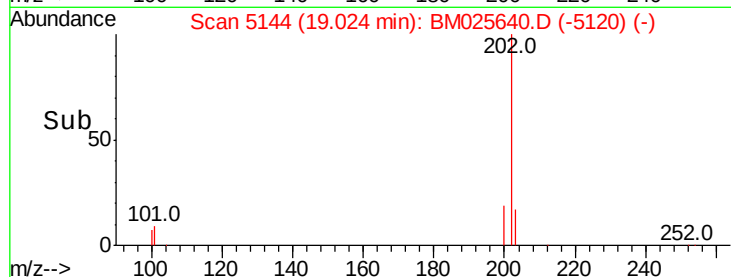
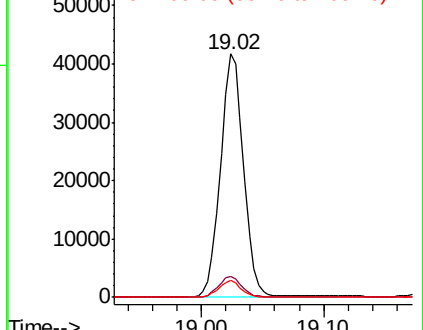
100 6.9 0.0 26.0



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): B



#17

Pyrene

Concen: 0.641 ng/ul

RT: 19.39 min Scan# 5239

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

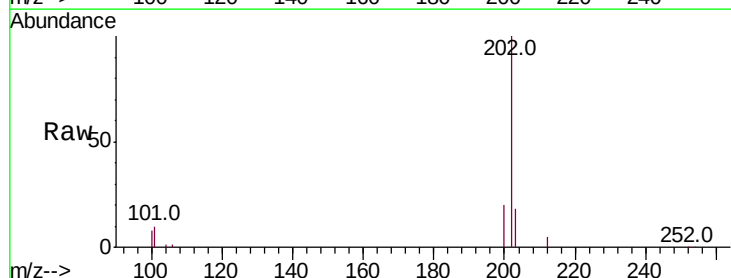
Tgt Ion:202 Resp: 47949

Ion Ratio Lower Upper

202 100

101 10.1 7.1 10.7

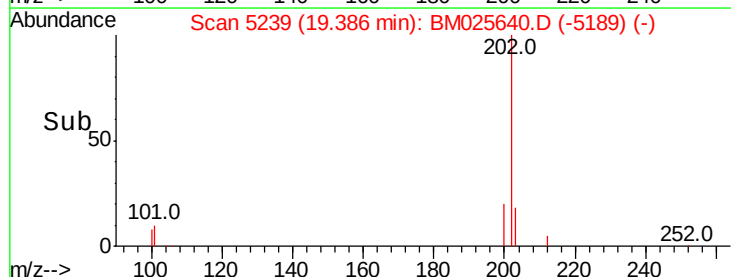
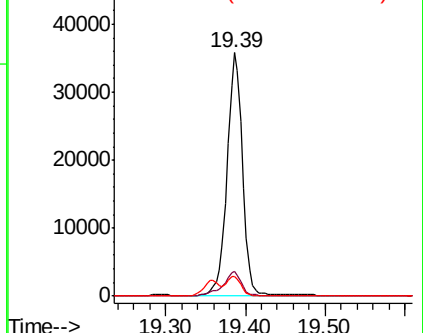
100 8.0 6.0 9.0

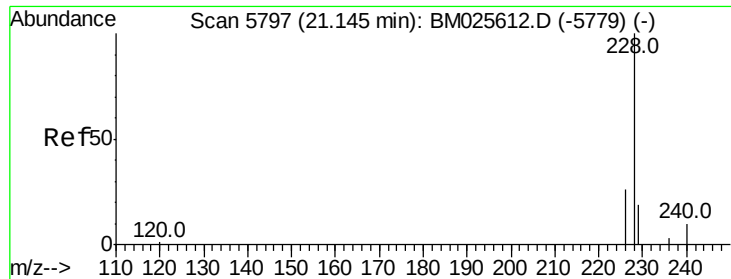


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.542 ng/ul

RT: 21.14 min Scan# 5794

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

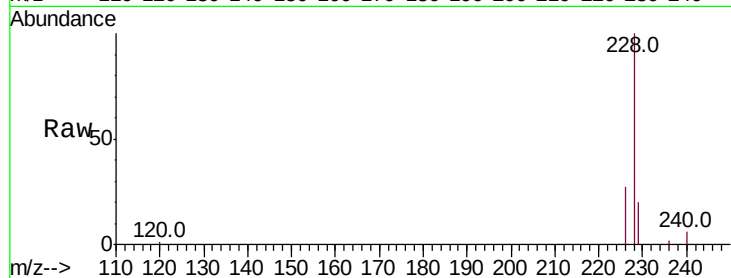
Tot Ion:228 Resp: 32320

Ion Ratio Lower Upper

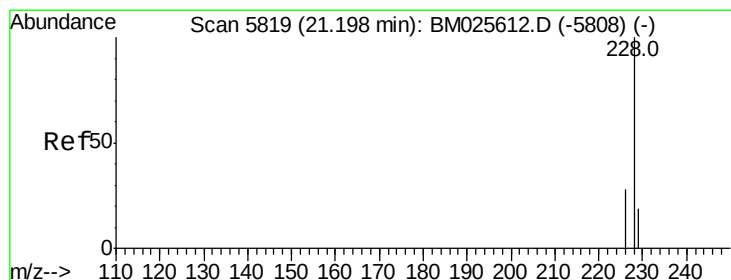
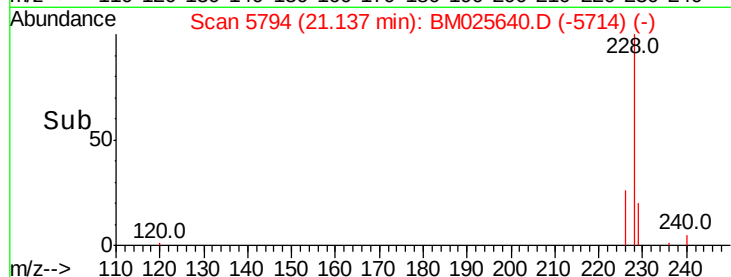
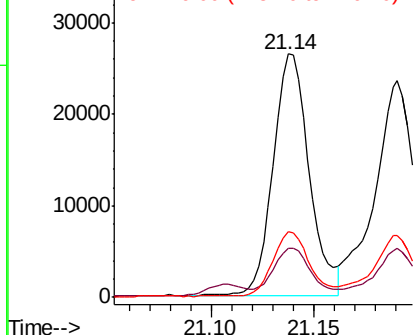
228 100

229 20.1 15.6 23.4

226 26.8 21.1 31.7



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: 0.475 ng/ul

RT: 21.19 min Scan# 5816

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

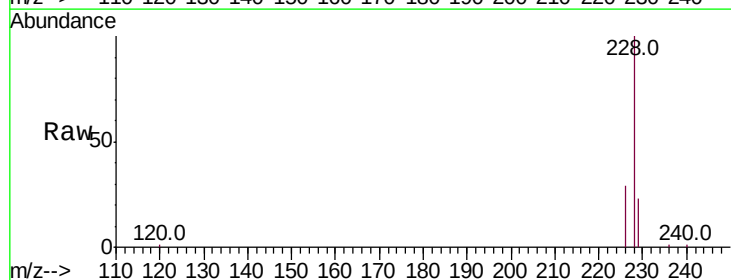
Tgt Ion:228 Resp: 31787

Ion Ratio Lower Upper

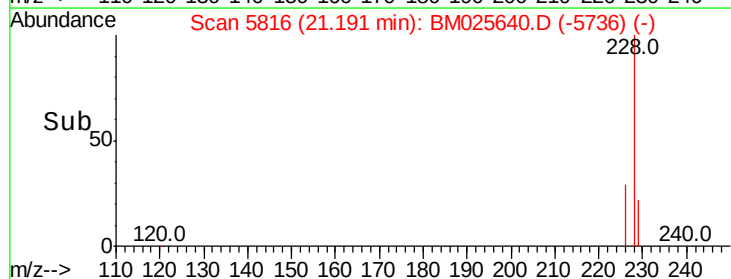
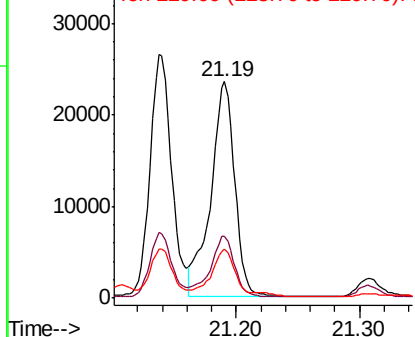
228 100

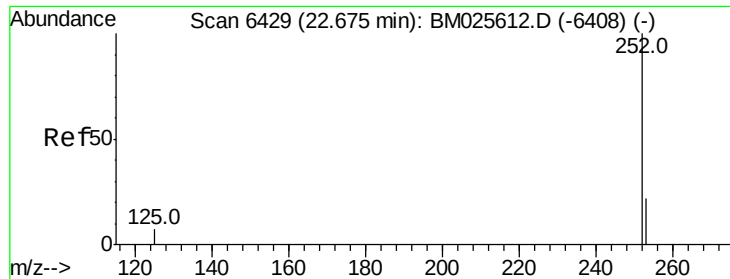
226 28.9 23.6 35.4

229 22.6 16.3 24.5



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: 0.886 ng/ul

RT: 22.67 min Scan# 6427

Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

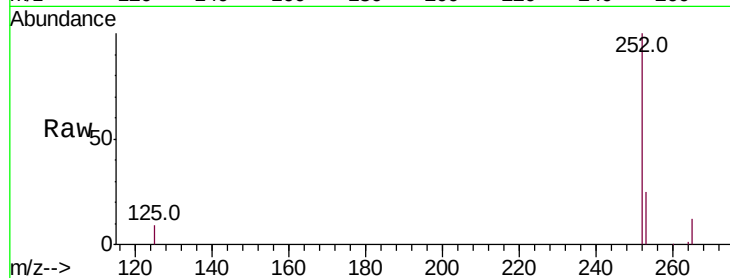
Tot Ion:252 Resp: 60405

Ion Ratio Lower Upper

252 100

253 24.7 0.0 50.2

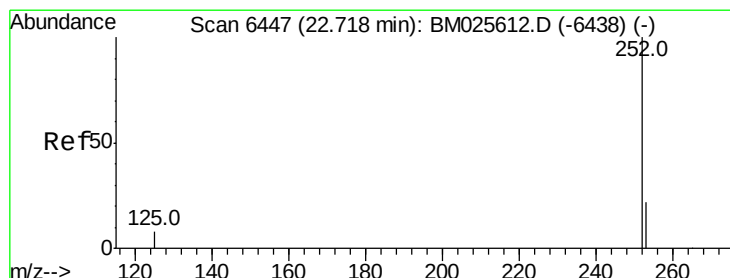
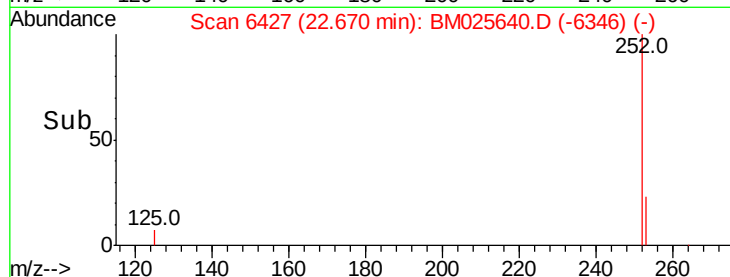
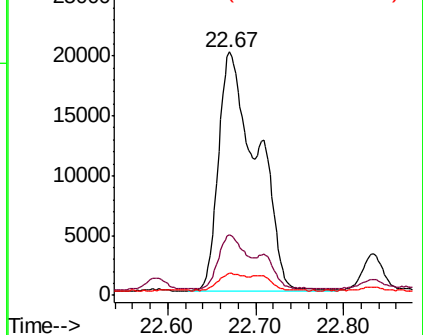
125 9.0 0.0 17.6



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: 0.845 ng/ul

RT: 22.67 min Scan# 6427

Delta R.T. -0.05 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

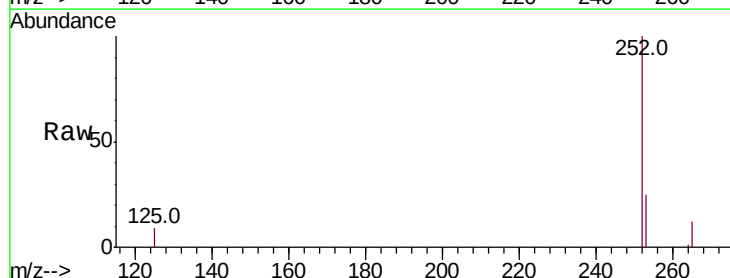
Tgt Ion:252 Resp: 60405

Ion Ratio Lower Upper

252 100

253 24.7 19.8 29.8

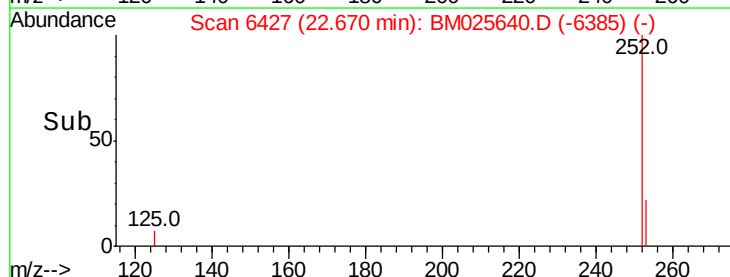
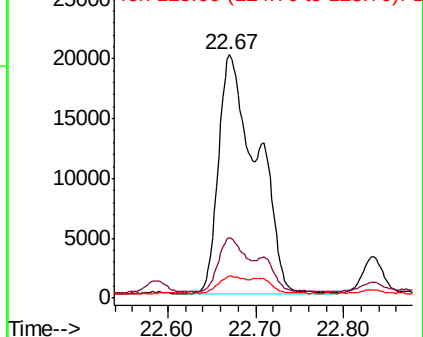
125 9.0 7.1 10.7

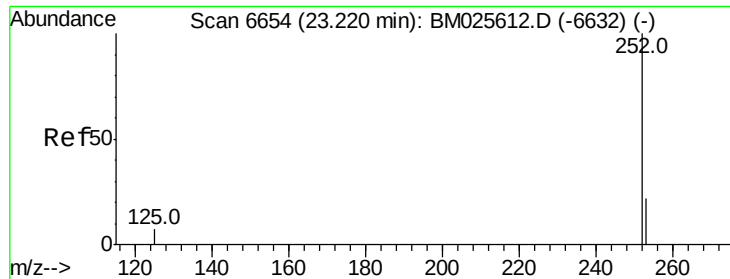


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.487 ng/ul

RT: 23.21 min Scan# 6650

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampleId :

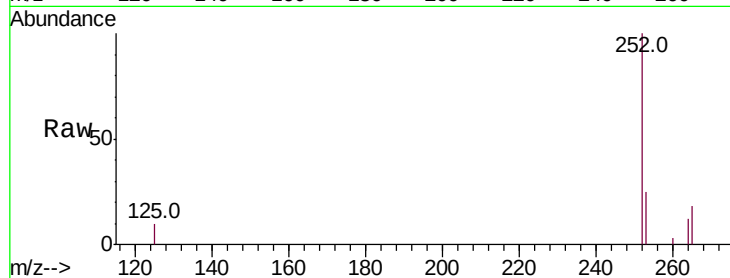
Tot Ion:252 Resp: 27578

Ion Ratio Lower Upper

252 100

253 25.2 21.3 31.9

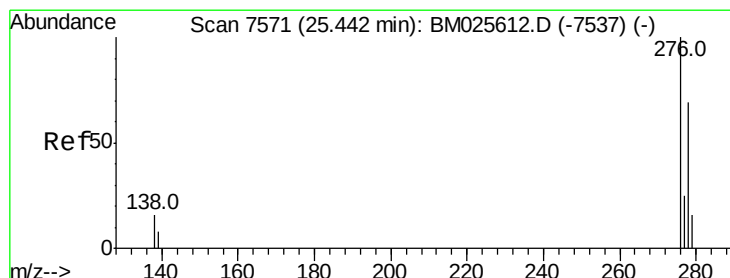
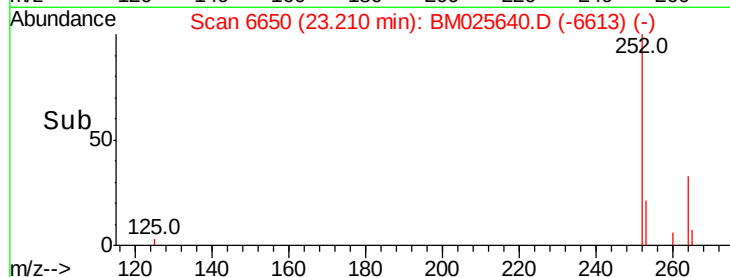
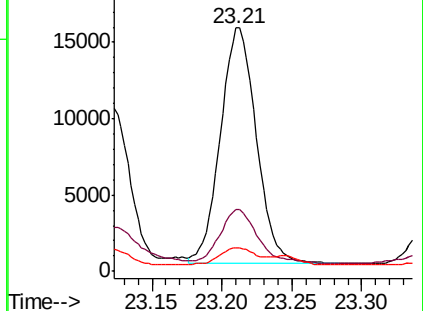
125 9.8 8.5 12.7



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: 0.253 ng/ul

RT: 25.43 min Scan# 7565

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

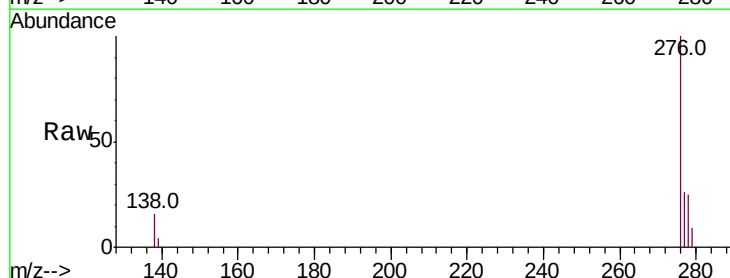
Tgt Ion:276 Resp: 19432

Ion Ratio Lower Upper

276 100

138 15.2 12.3 18.5

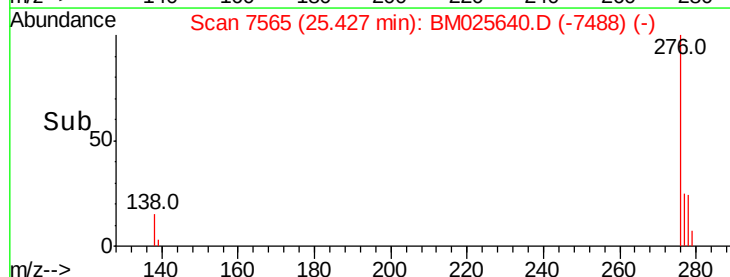
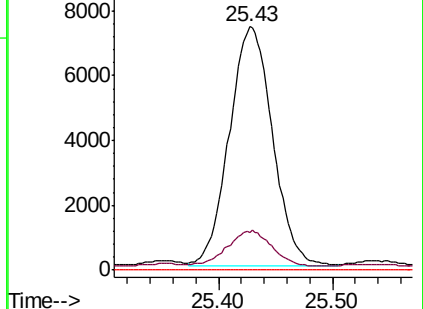
227 0.0 0.0 0.0

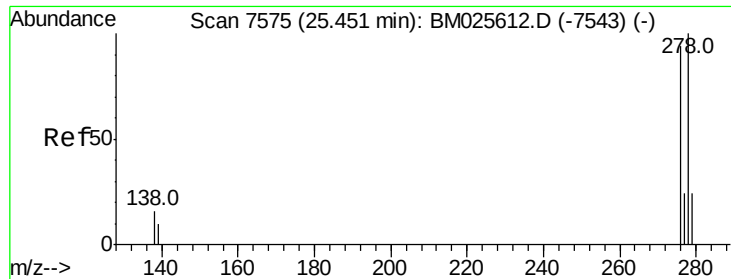


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.094 ng/ul

RT: 25.44 min Scan# 7569

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

ClientSampled :

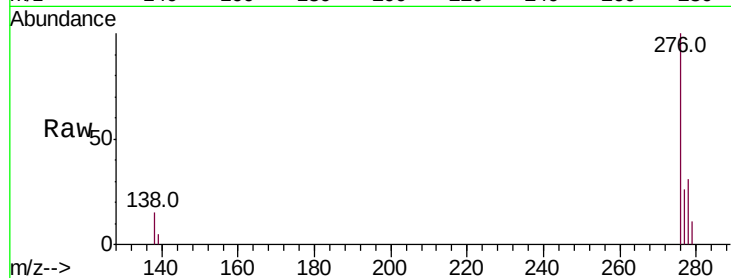
Tot Ion:278 Resp: 6049

Ion Ratio Lower Upper

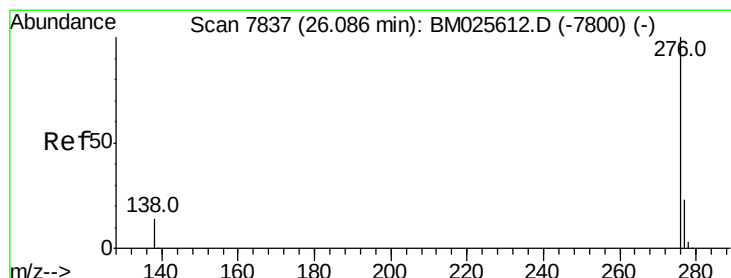
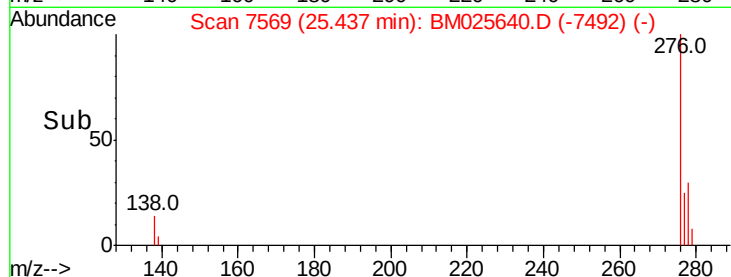
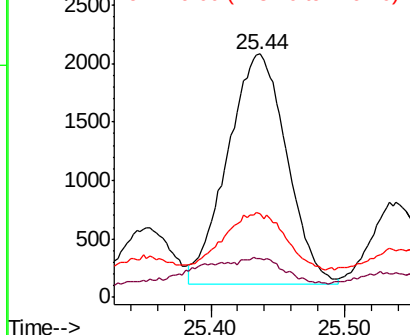
278 100

139 15.9 9.0 13.6#

279 34.5 21.1 31.7#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.208 ng/ul

RT: 26.07 min Scan# 7832

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

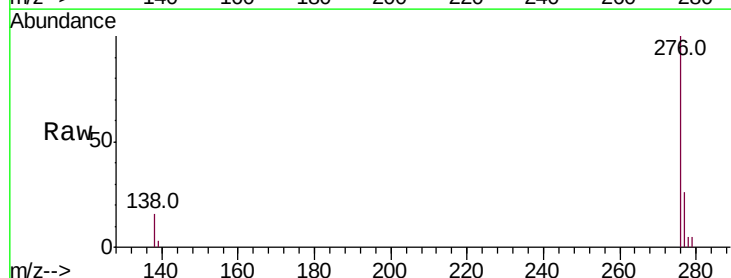
Tgt Ion:276 Resp: 13853

Ion Ratio Lower Upper

276 100

138 16.3 11.0 16.4

277 25.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

