

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025395.D
 Acq On : 08 Mar 2020 20:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 01:16:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

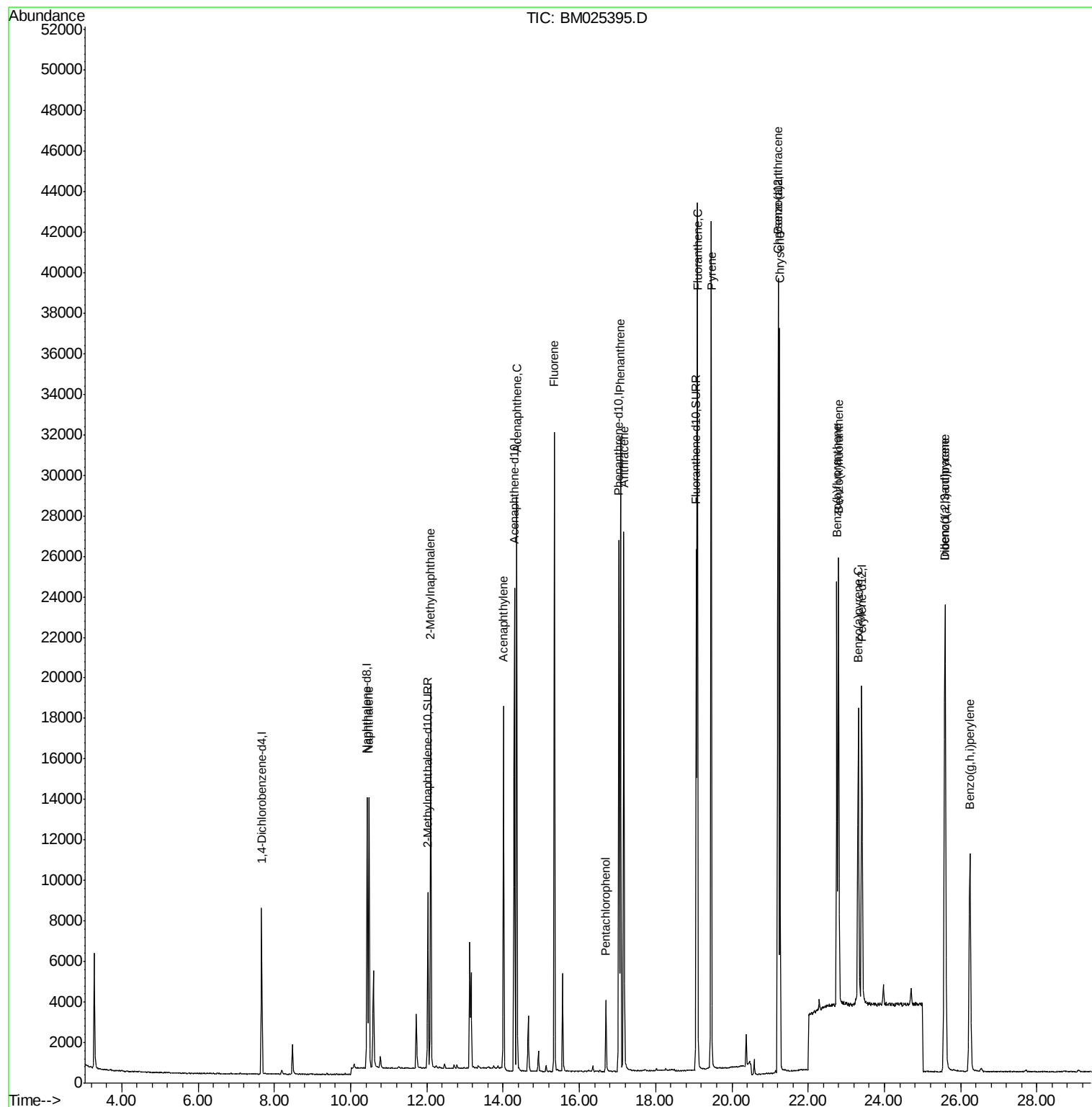
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18085	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	13183	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	30959	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	22724	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	19887	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	11514	0.34	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	29249	0.29	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	18148	0.333	ng/ul#	83
5) 2-Methylnaphthalene	12.10	142	13478	0.340	ng/ul	100
7) Acenaphthylene	14.01	152	18308	0.297	ng/ul	93
8) Acenaphthene	14.35	153	15772	0.329	ng/ul	98
9) Fluorene	15.34	166	19330	0.322	ng/ul	96
11) Pentachlorophenol	16.69	266	2464	0.304	ng/ul	98
12) Phenanthrene	17.07	178	32278	0.323	ng/ul	95
13) Anthracene	17.17	178	28774	0.325	ng/ul	96
15) Fluoranthene	19.09	202	36555	0.293	ng/ul	96
17) Pyrene	19.46	202	35711	0.414	ng/ul	96
18) Benzo(a)anthracene	21.20	228	28510	0.341	ng/ul	97
19) Chrysene	21.26	228	30010	0.327	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	25318	0.318	ng/ul	94
22) Benzo(k)fluoranthene	22.80	252	27083	0.325	ng/ul#	97
23) Benzo(a)pyrene	23.31	252	22128	0.331	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.58	276	27397	0.329	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	22901	0.332	ng/ul#	94
26) Benzo(g,h,i)perylene	26.24	276	22796	0.322	ng/ul#	91

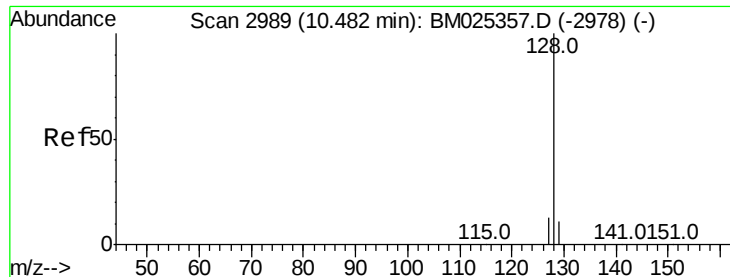
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
ClientSampled :

Quant Time: Mar 09 01:16:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.333 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

Instrument :

BNA_M

ClientSampled :

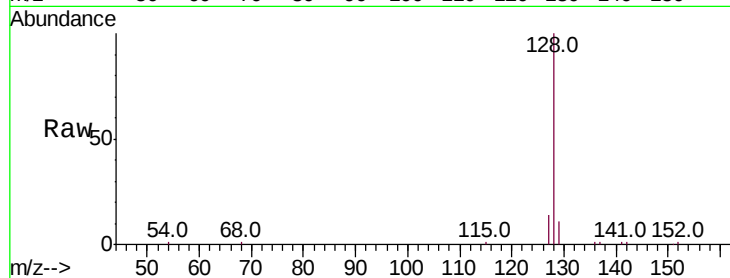
Tot Ion:128 Resp: 18148

Ion Ratio Lower Upper

128 100

129 11.5 17.0 25.6#

127 13.6 15.7 23.5#

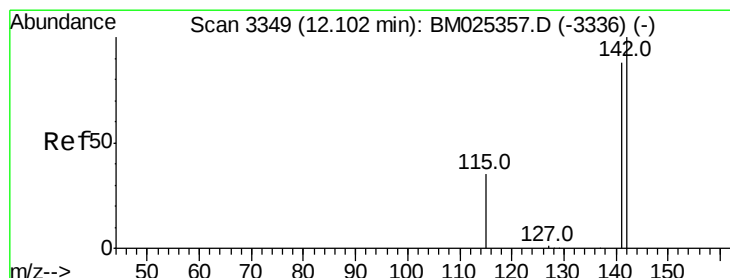
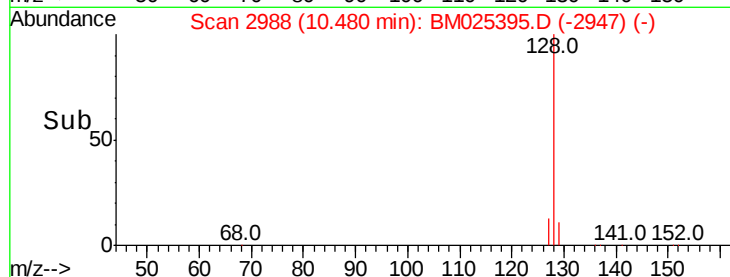
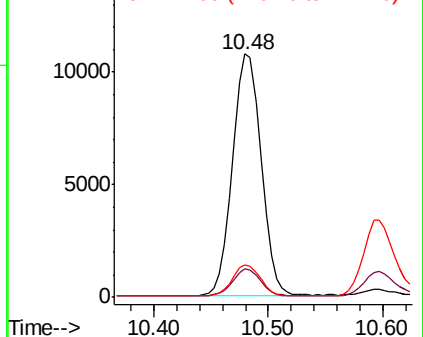


Abundance

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: 0.340 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM025395.D

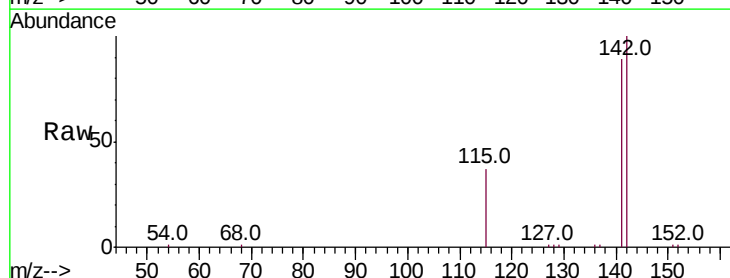
Acq: 08 Mar 2020 20:57

Tgt Ion:142 Resp: 13478

Ion Ratio Lower Upper

142 100

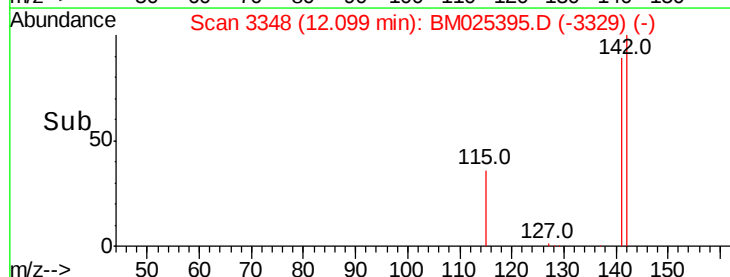
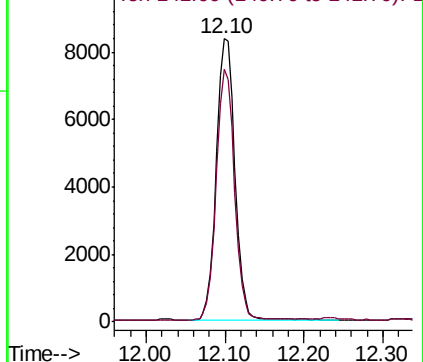
141 87.7 69.8 104.8

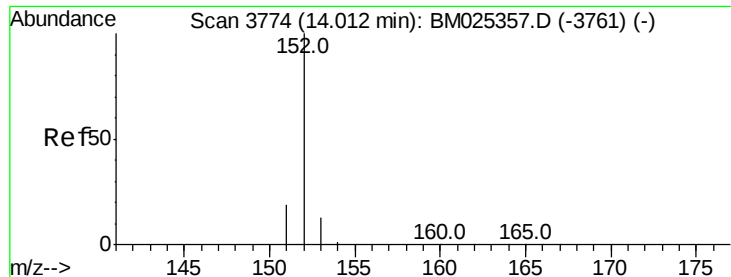


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.297 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

Instrument :

BNA_M

ClientSampleId :

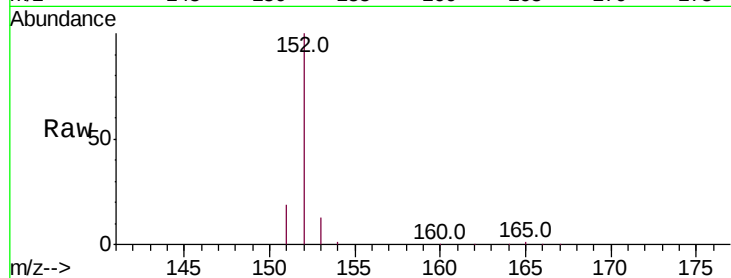
Tot Ion:152 Resp: 18308

Ion Ratio Lower Upper

152 100

151 19.2 17.8 26.8

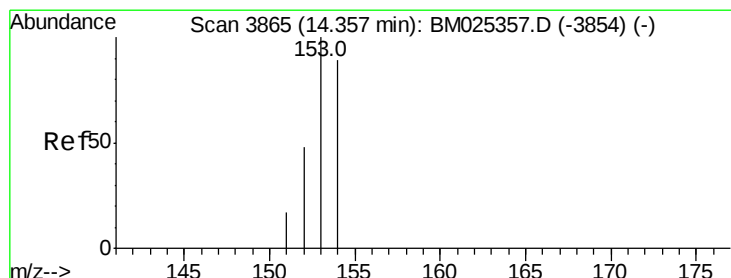
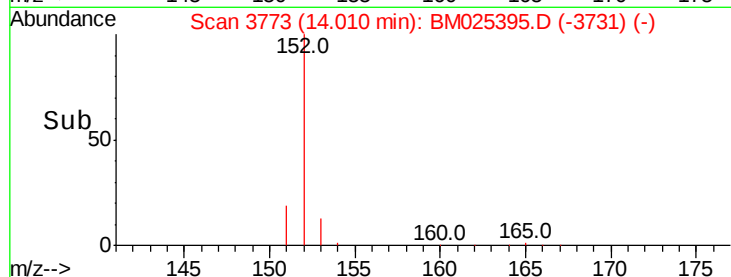
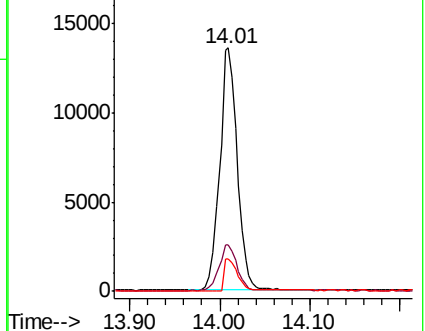
153 13.4 13.3 19.9



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: 0.329 ng/ul

RT: 14.35 min Scan# 3864

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

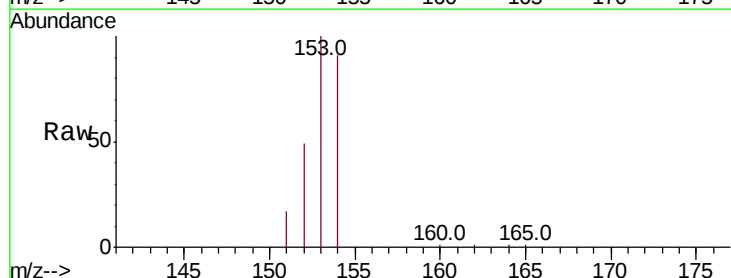
Tgt Ion:153 Resp: 15772

Ion Ratio Lower Upper

153 100

152 48.6 40.0 60.0

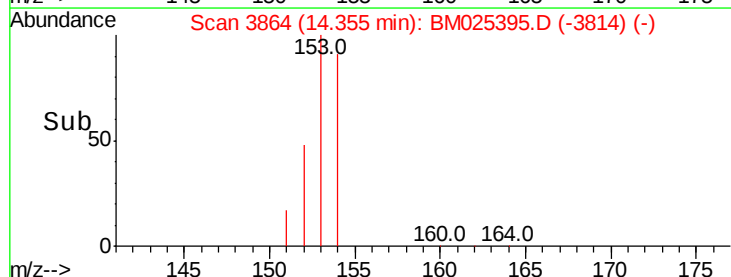
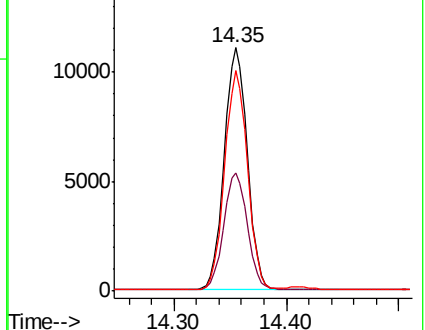
154 90.8 71.0 106.6

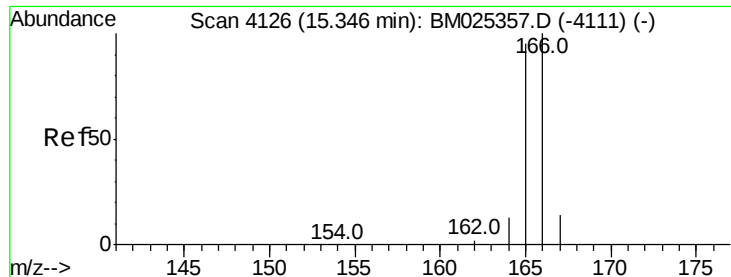


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.322 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

Instrument :

BNA_M

ClientSampleId :

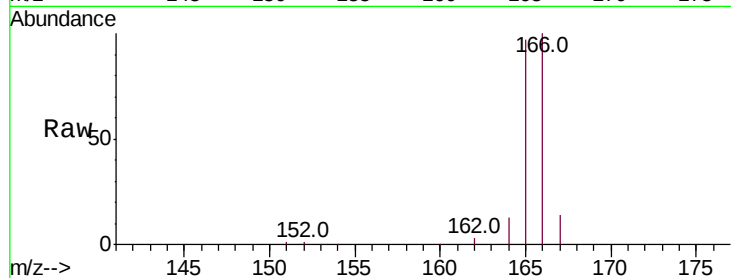
Tot Ion:166 Resp: 19330

Ion Ratio Lower Upper

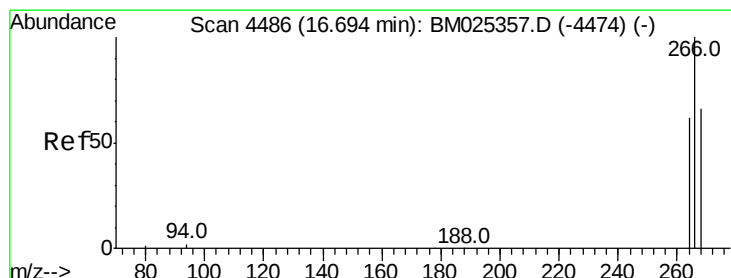
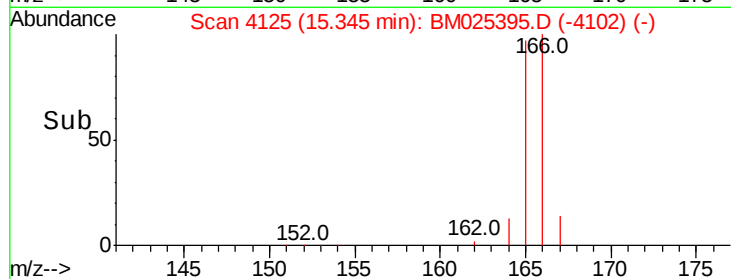
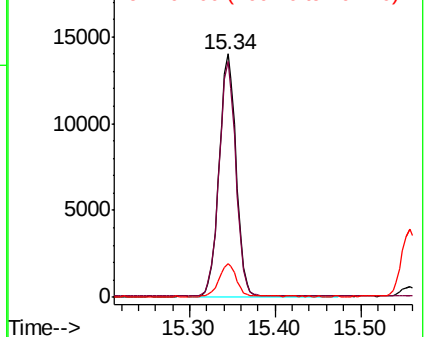
166 100

165 96.8 80.0 120.0

167 14.1 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: 0.304 ng/ul

RT: 16.69 min Scan# 4485

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

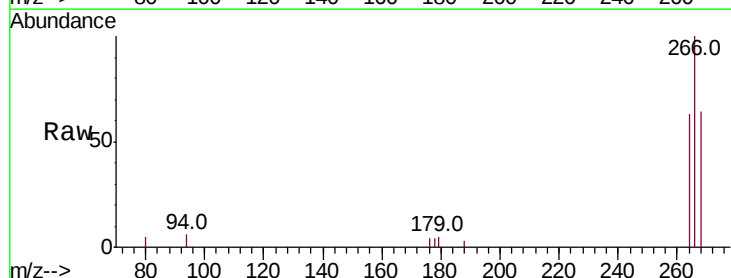
Tgt Ion:266 Resp: 2464

Ion Ratio Lower Upper

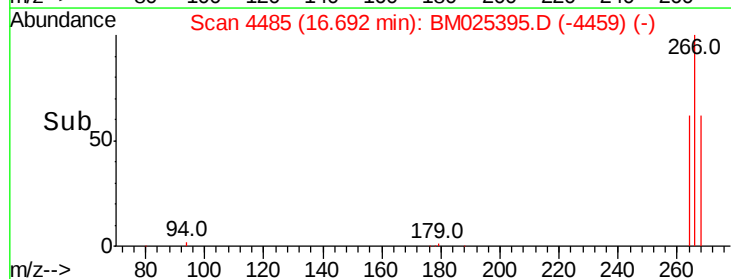
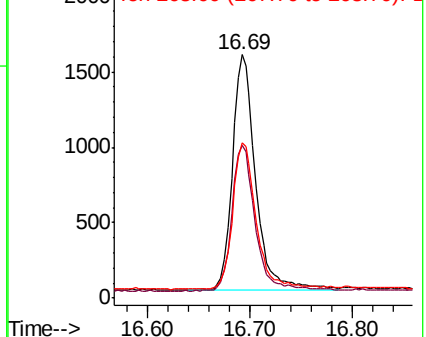
266 100

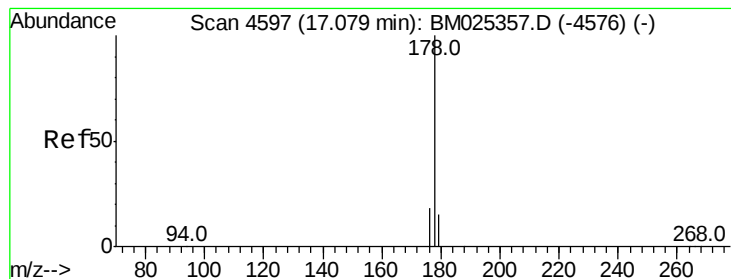
264 62.0 49.8 74.6

268 64.1 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: 0.323 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

Instrument :

BNA_M

ClientSampleId :

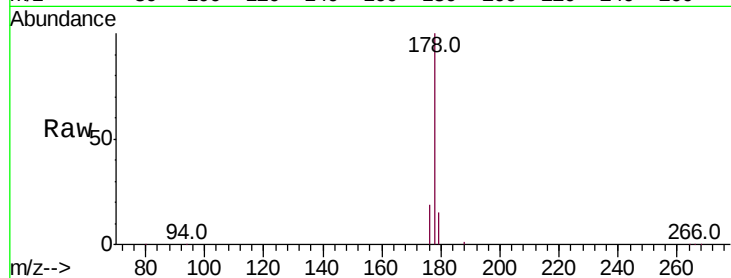
Tot Ion:178 Resp: 32278

Ion Ratio Lower Upper

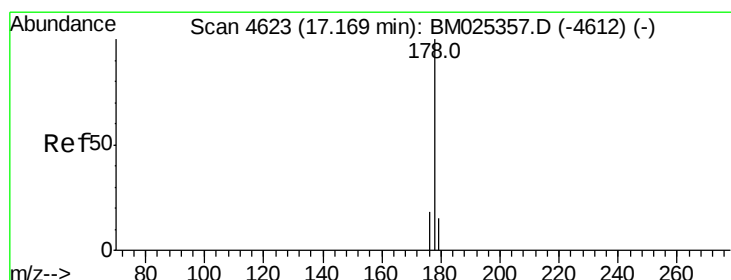
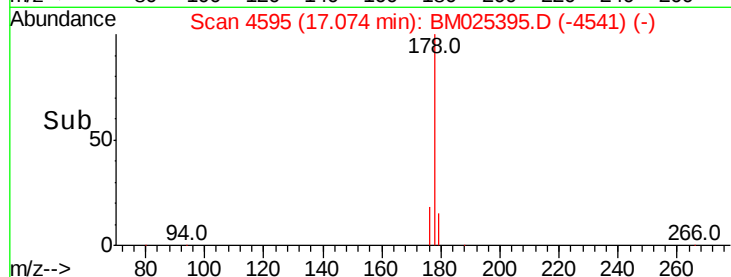
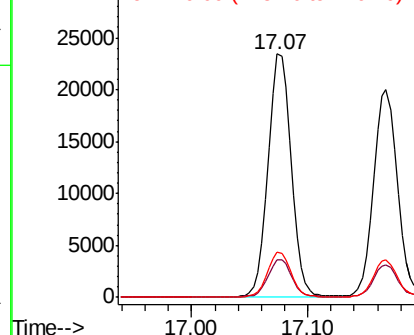
178 100

179 15.3 14.0 21.0

176 18.6 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: 0.325 ng/ul

RT: 17.17 min Scan# 4622

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

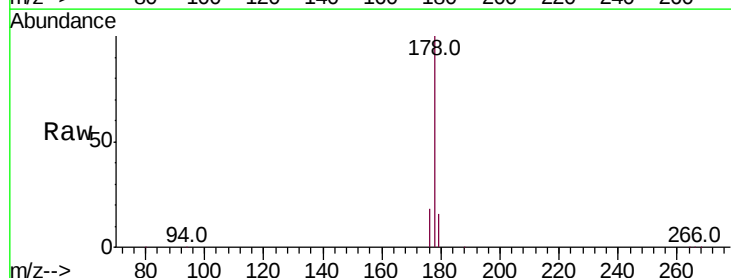
Tgt Ion:178 Resp: 28774

Ion Ratio Lower Upper

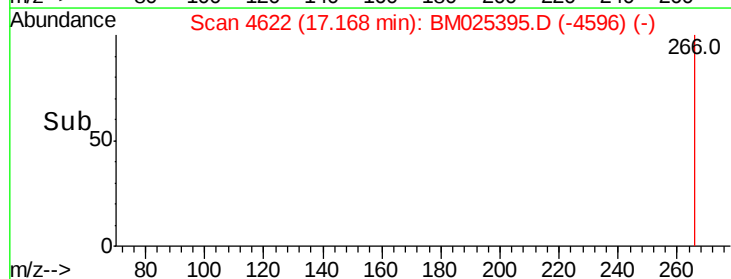
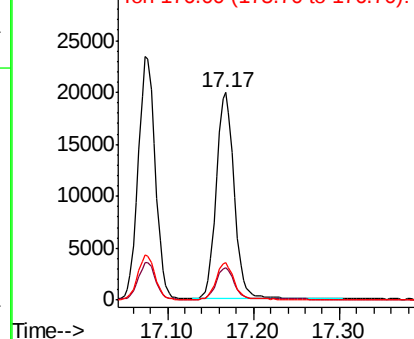
178 100

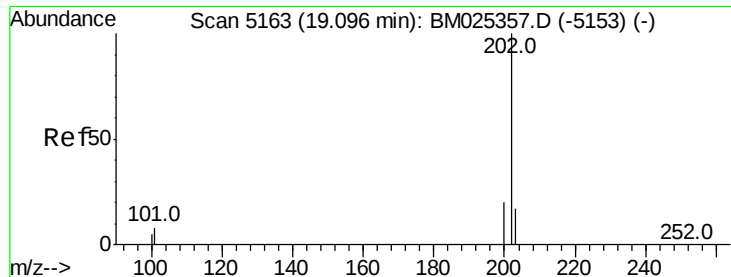
179 15.9 14.1 21.1

176 18.1 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: 0.293 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

Instrument :

BNA_M

ClientSampleId :

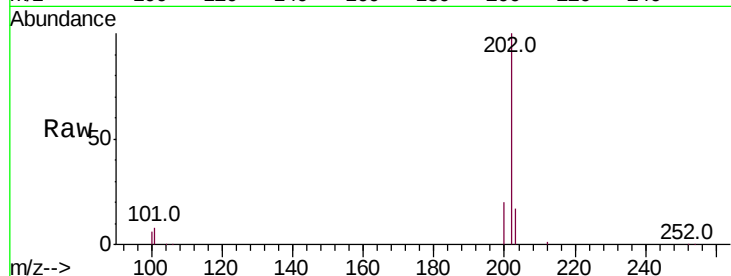
Tot Ion:202 Resp: 36555

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.4

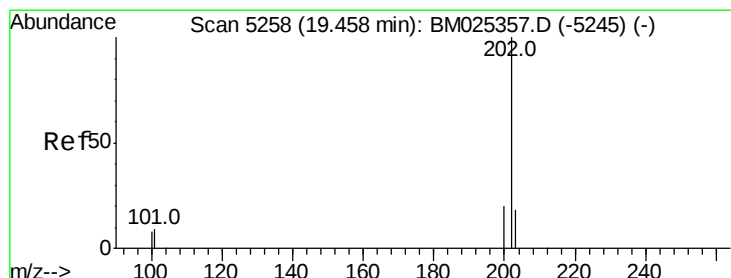
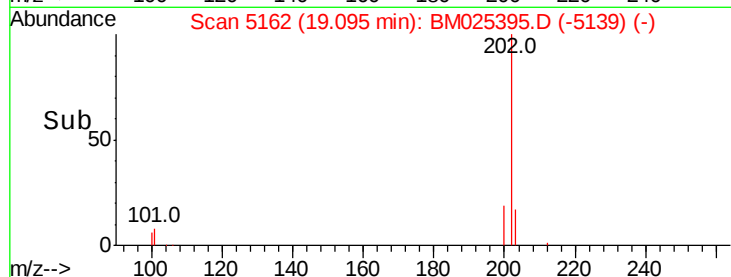
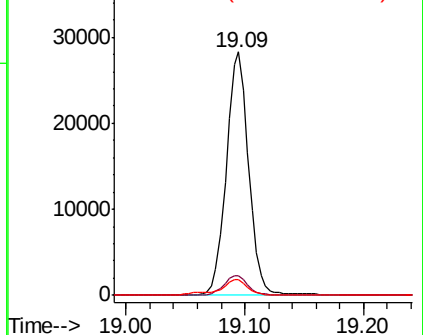
100 6.3 0.0 28.0



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: 0.414 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

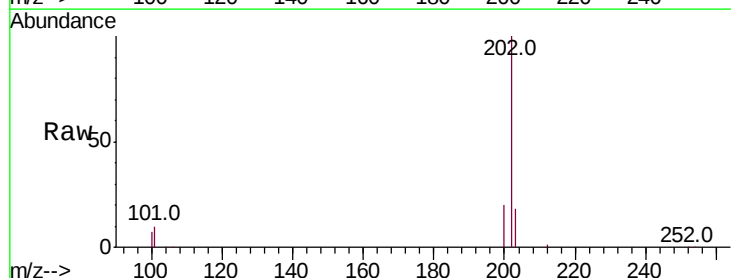
Tgt Ion:202 Resp: 35711

Ion Ratio Lower Upper

202 100

101 9.5 8.7 13.1

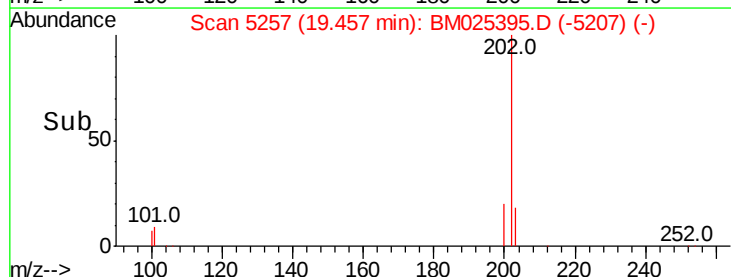
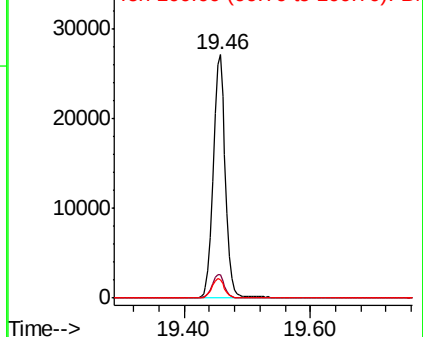
100 7.5 7.3 10.9

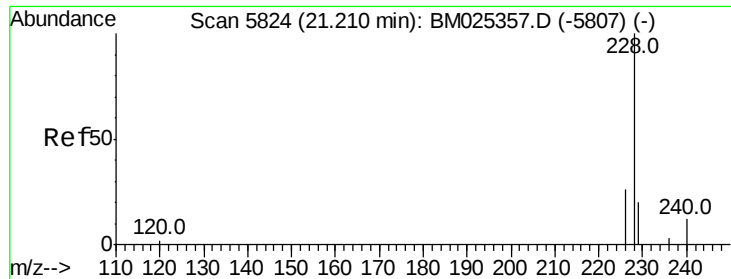


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

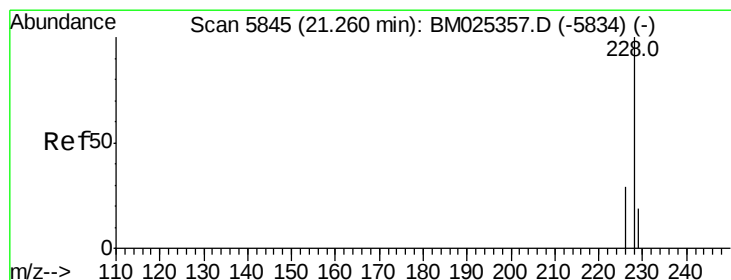
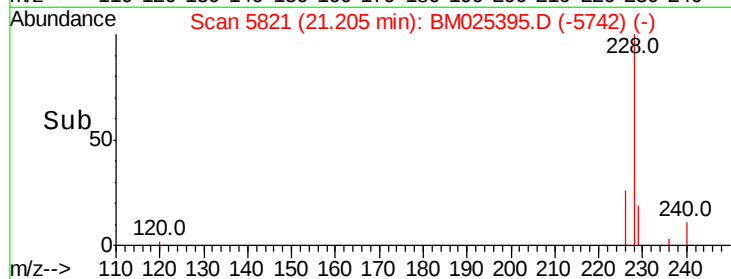
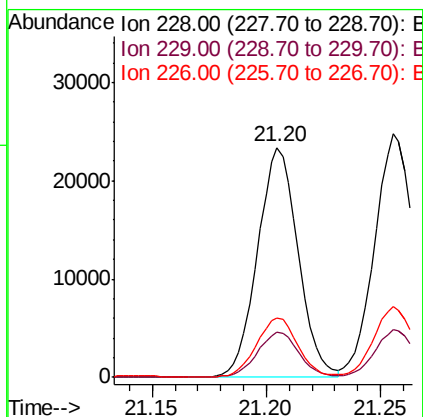
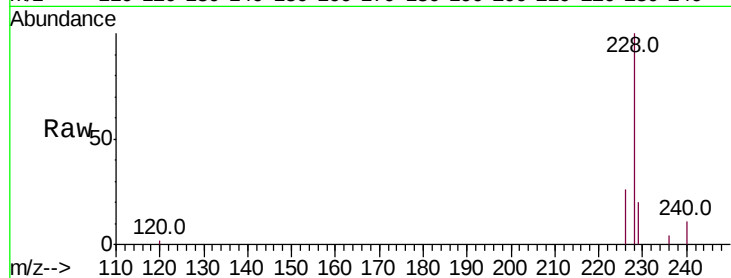




#18
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM025395.D
Acq: 08 Mar 2020 20:57

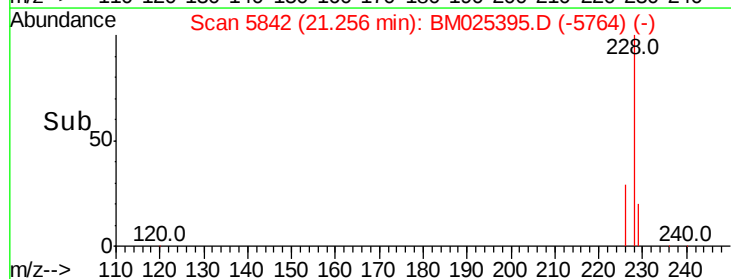
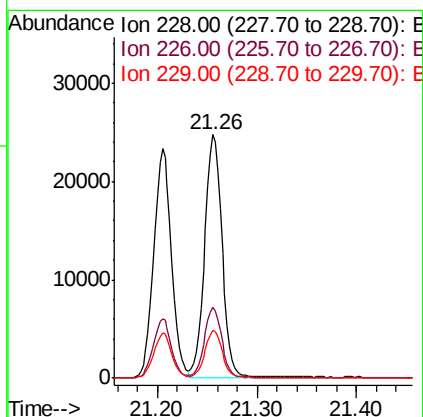
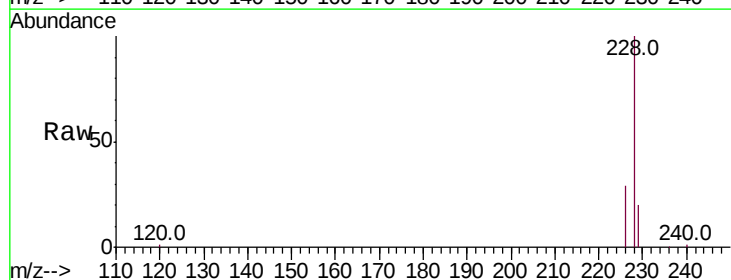
Instrument :
BNA_M
ClientSampleId :

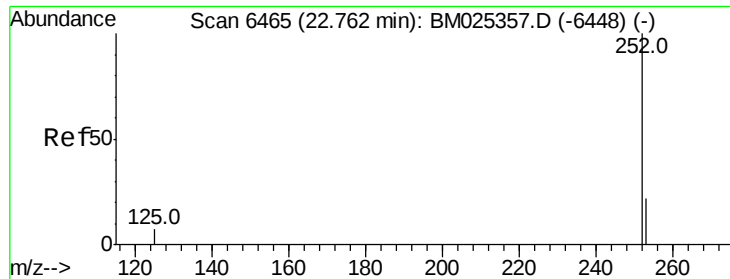
Tot Ion:228 Resp: 28510
Ion Ratio Lower Upper
228 100
229 19.6 16.6 25.0
226 26.0 21.9 32.9



#19
Chrysene
Concen: 0.327 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.01 min
Lab File: BM025395.D
Acq: 08 Mar 2020 20:57

Tgt Ion:228 Resp: 30010
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.8
229 19.7 16.9 25.3

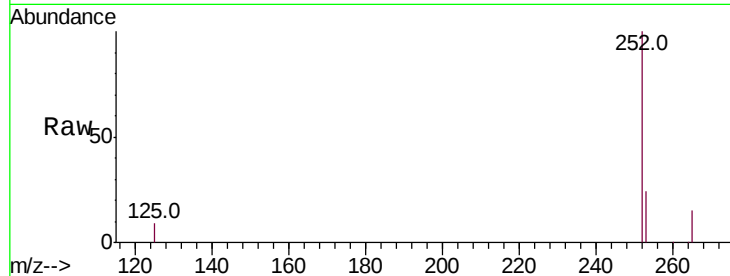




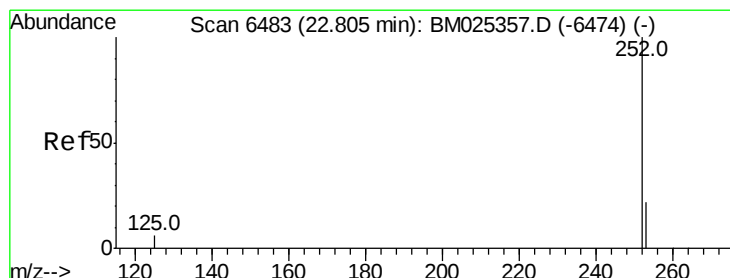
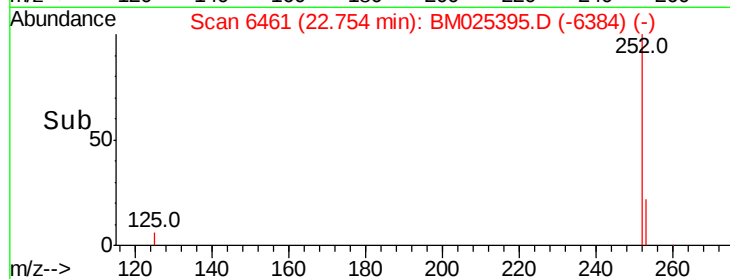
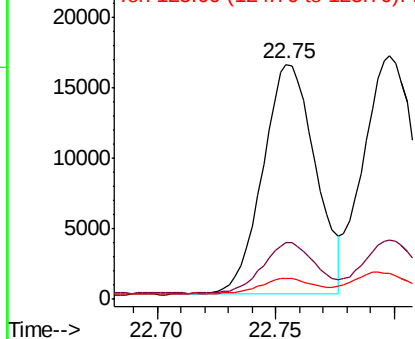
#21
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 22.75 min Scan# 6461
Delta R.T. -0.01 min
Lab File: BM025395.D
Acq: 08 Mar 2020 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 25318
Ion Ratio Lower Upper
252 100
253 24.2 0.0 49.8
125 8.8 0.0 28.6

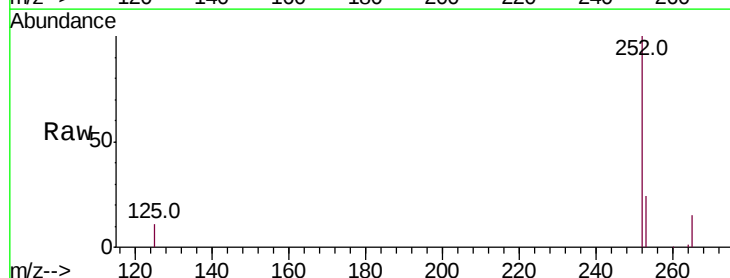


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

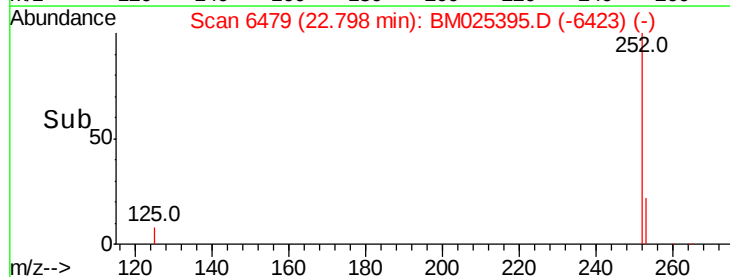
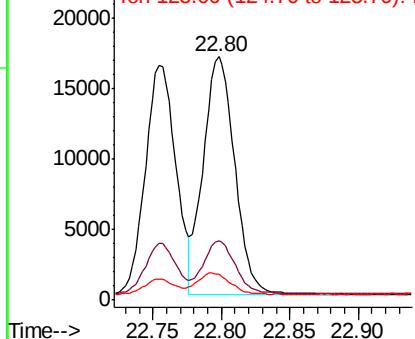


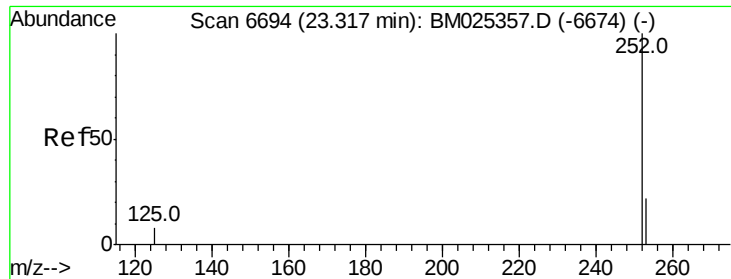
#22
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 22.80 min Scan# 6479
Delta R.T. -0.01 min
Lab File: BM025395.D
Acq: 08 Mar 2020 20:57

Tgt Ion:252 Resp: 27083
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.0
125 10.6 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: 0.331 ng/ul

RT: 23.31 min Scan# 6691

Delta R.T. -0.01 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

Instrument :

BNA_M

ClientSampleId :

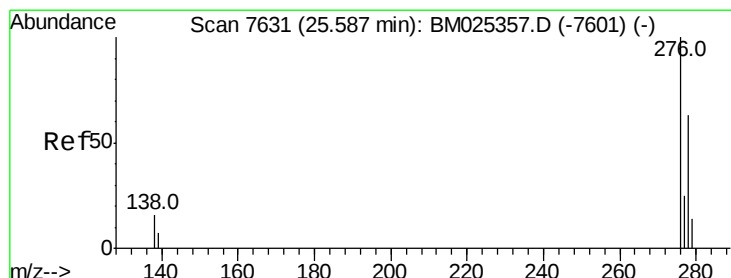
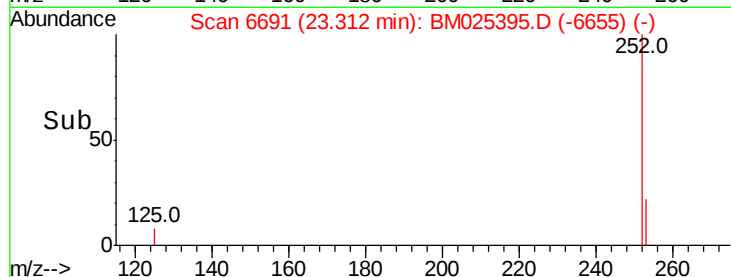
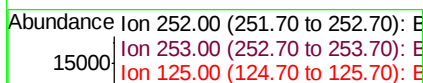
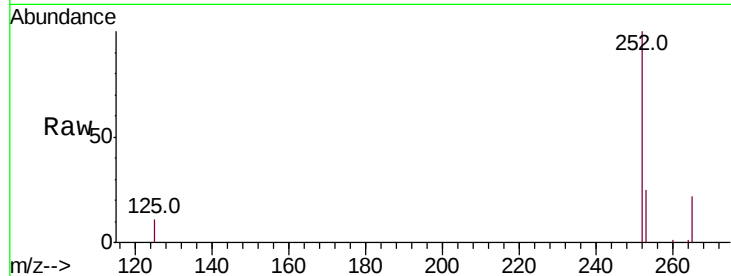
Tot Ion:252 Resp: 22128

Ion Ratio Lower Upper

252 100

253 25.2 20.3 30.5

125 11.1 13.0 19.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.329 ng/ul

RT: 25.58 min Scan# 7627

Delta R.T. -0.02 min

Lab File: BM025395.D

Acq: 08 Mar 2020 20:57

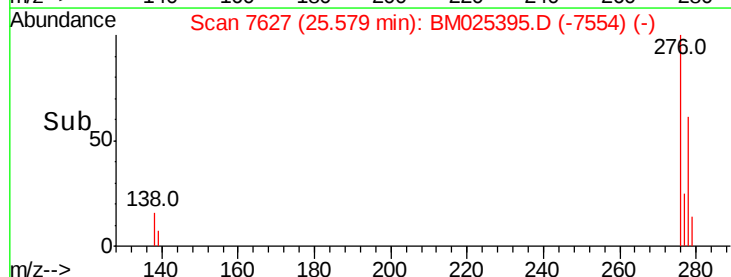
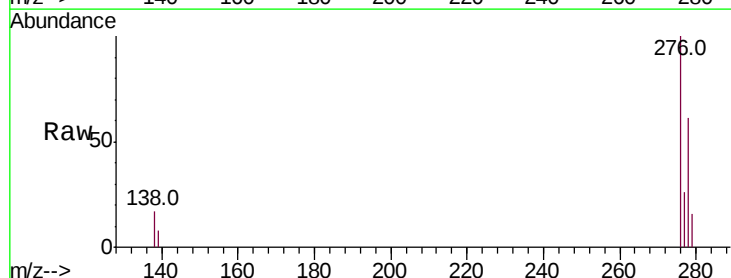
Tgt Ion:276 Resp: 27397

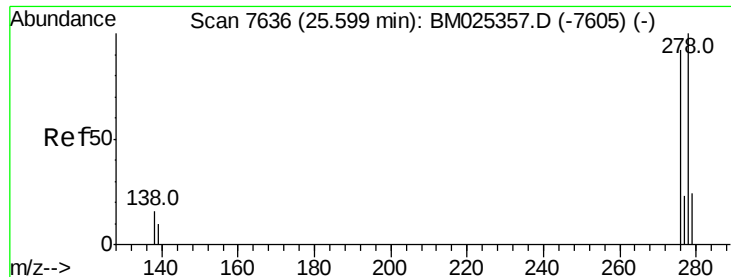
Ion Ratio Lower Upper

276 100

138 17.2 0.0 0.0#

227 0.0 0.0 0.0



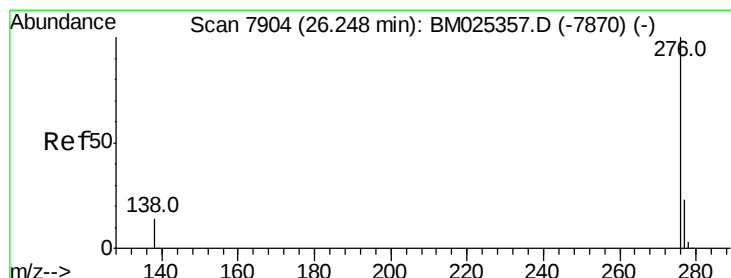
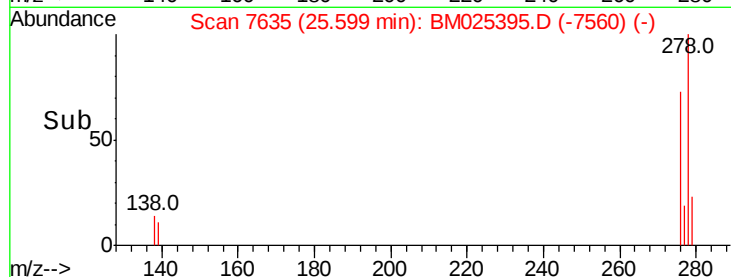
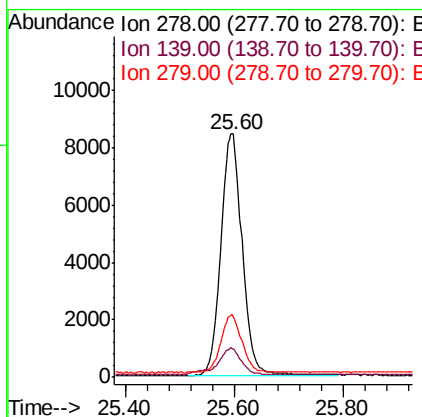
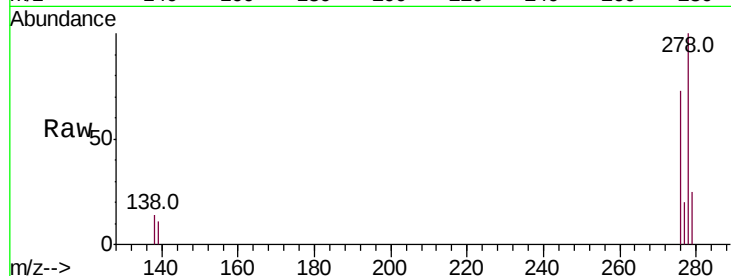


#25

Dibenzo(a,h)anthracene
 Concen: 0.332 ng/ul
 RT: 25.60 min Scan# 7635
 Delta R.T. -0.02 min
 Lab File: BM025395.D
 Acq: 08 Mar 2020 20:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:278 Resp: 22901
 Ion Ratio Lower Upper
 278 100
 139 11.5 13.2 19.8#
 279 24.8 21.0 31.4



#26

Benzo(g,h,i)perylene
 Concen: 0.322 ng/ul
 RT: 26.24 min Scan# 7900
 Delta R.T. -0.02 min
 Lab File: BM025395.D
 Acq: 08 Mar 2020 20:57

Tgt Ion:276 Resp: 22796
 Ion Ratio Lower Upper
 276 100
 138 14.5 17.9 26.9#
 277 24.1 20.5 30.7

