

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B16

Quant Time: Jan 30 04:45:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration

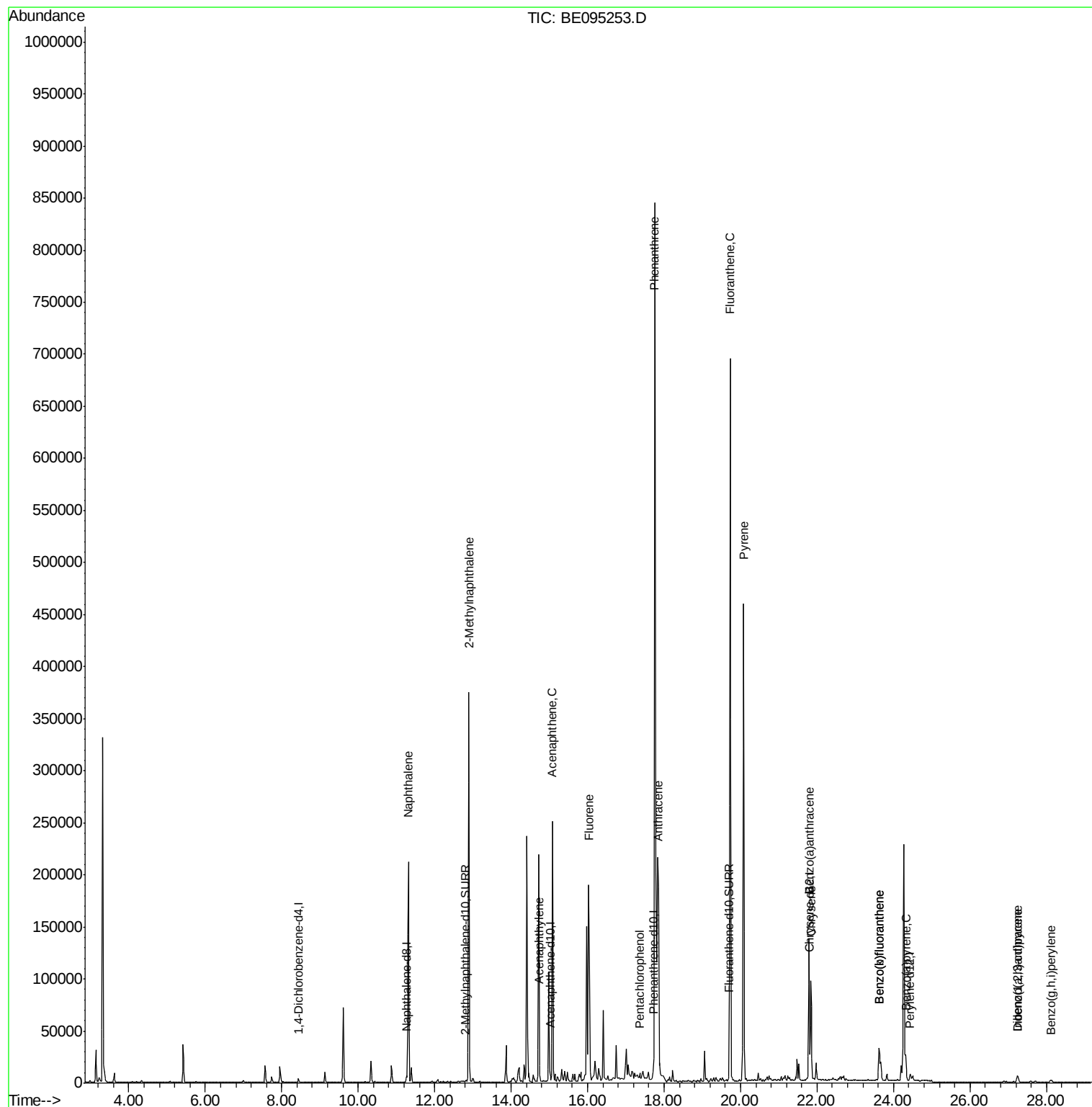
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2501	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7851	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4614	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	9935	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	10468	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10917	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	2007	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	5084	0.13	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	298042	13.557	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	301499	20.538	ng/ul	100
7) Acenaphthylene	14.74	152	6623	0.298	ng/ul#	58
8) Acenaphthene	15.08	153	146318	8.496	ng/ul	96
9) Fluorene	16.02	166	189556	10.673	ng/ul#	72
11) Pentachlorophenol	17.36	266	1770	0.920	ng/ul	95
12) Phenanthrene	17.75	178	1078950	32.291	ng/ul#	84
13) Anthracene	17.85	178	199312	6.517	ng/ul#	91
15) Fluoranthene	19.73	202	780483	18.040	ng/ul	82
17) Pyrene	20.08	202	513735	14.625	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	146443	4.475	ng/ul#	86
19) Chrysene	21.84	228	93638	2.755	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	84666	2.198	ng/ul	84
22) Benzo(k)fluoranthene	23.63	252	84732	2.405	ng/ul#	86
23) Benzo(a)pyrene	24.32	252	36897	1.073	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.24	276	11496	0.305	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.25	278	3595	0.117	ng/ul#	93
26) Benzo(g,h,i)perylene	28.12	276	6655	0.208	ng/ul	94

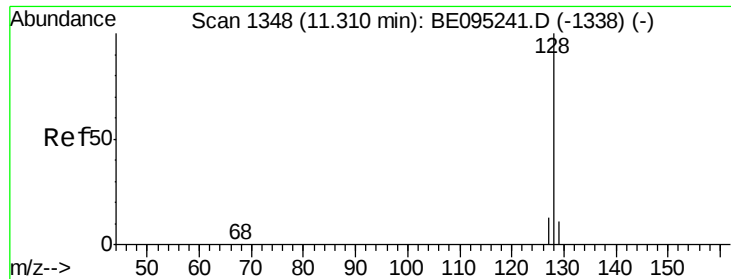
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 13.557 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

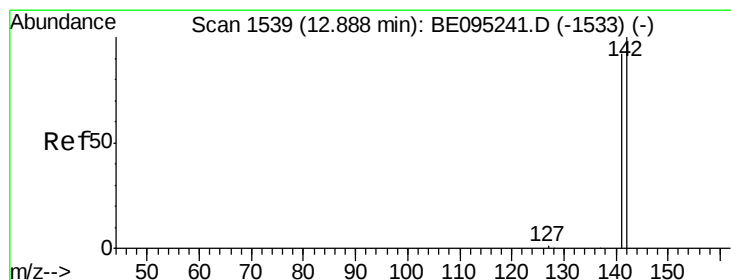
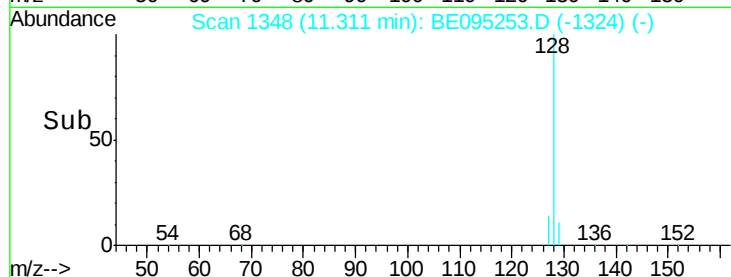
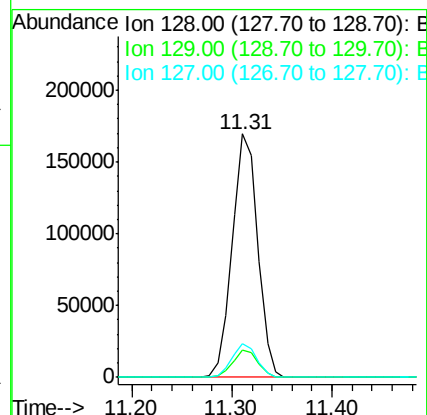
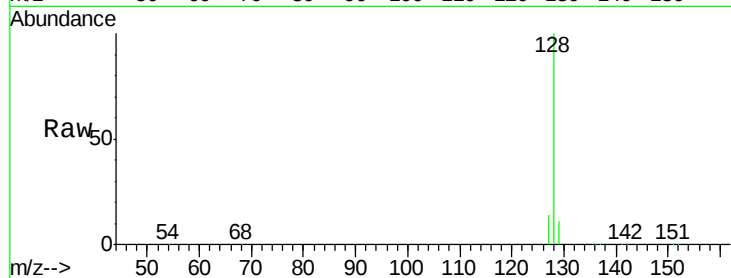
Tot Ion:128 Resp: 298042

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

127 13.6 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 20.538 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095253.D

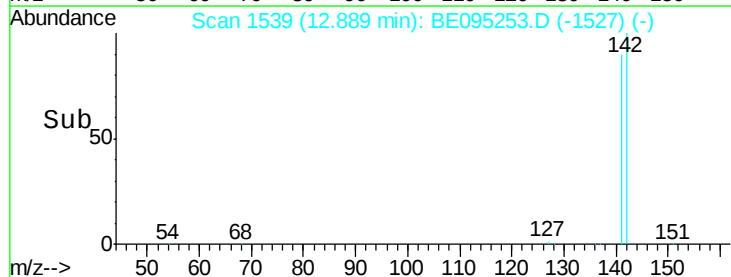
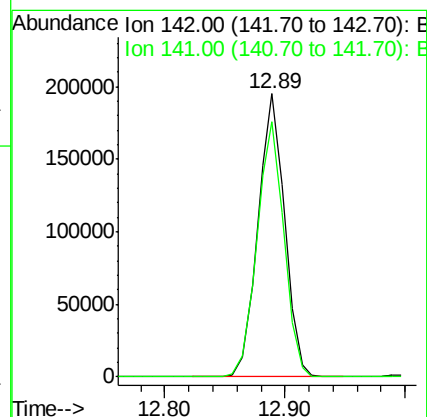
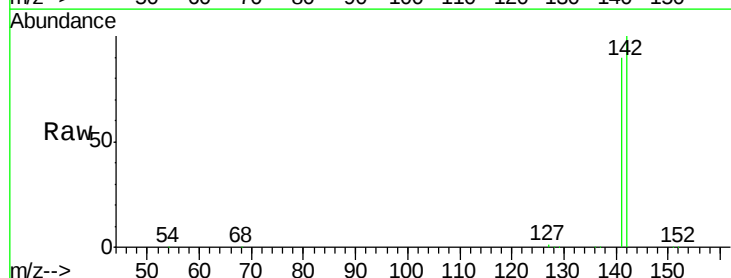
Acq: 29 Jan 2018 18:55

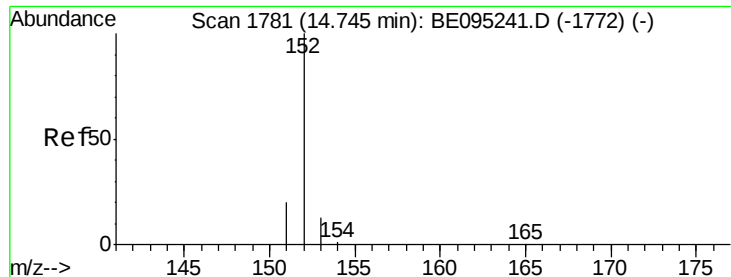
Tgt Ion:142 Resp: 301499

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.298 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

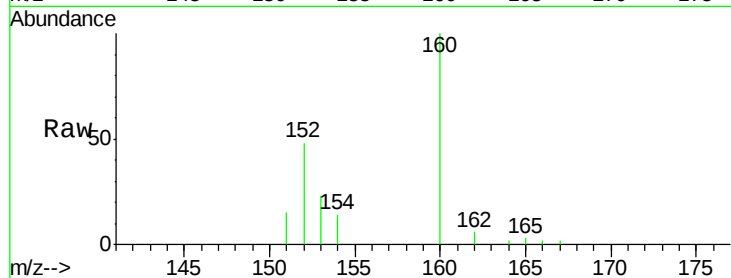
Tot Ion:152 Resp: 6623

Ion Ratio Lower Upper

152 100

151 30.6 17.1 25.7#

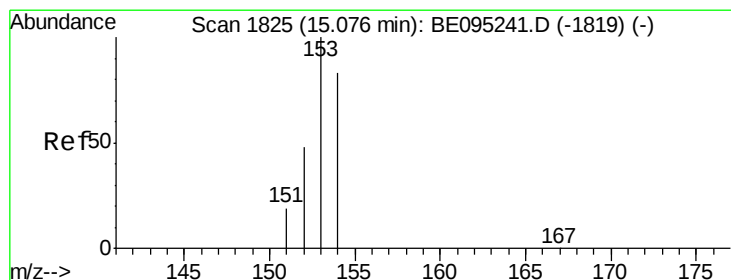
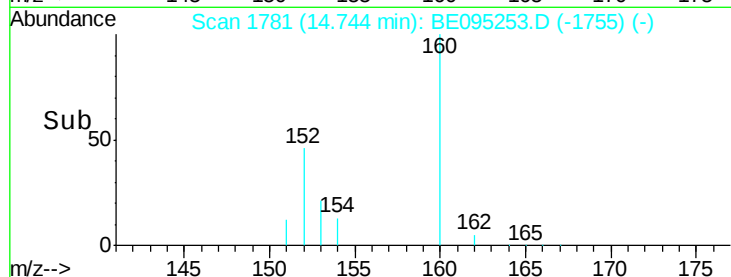
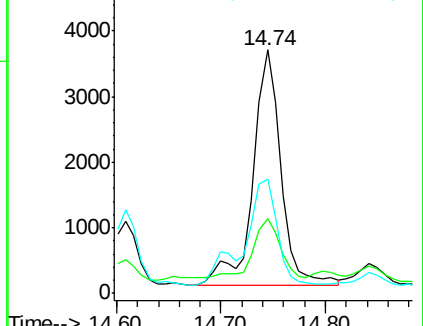
153 47.0 12.8 19.2#



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: 8.496 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

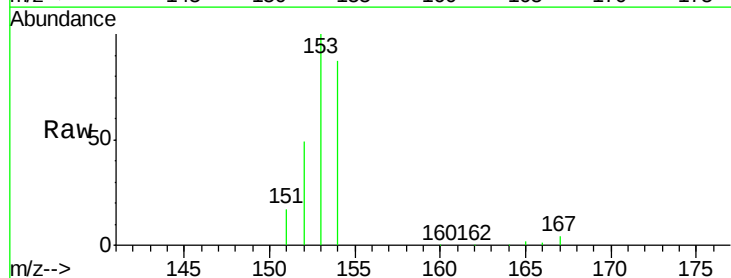
Tgt Ion:153 Resp: 146318

Ion Ratio Lower Upper

153 100

152 48.5 36.0 54.0

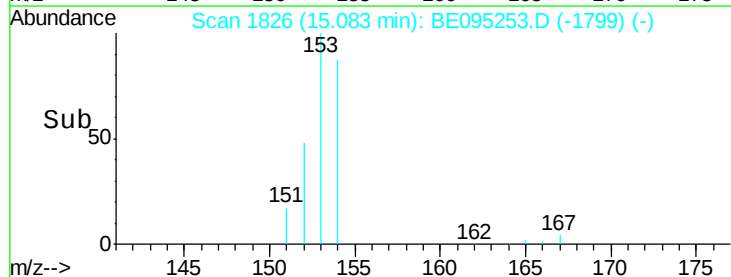
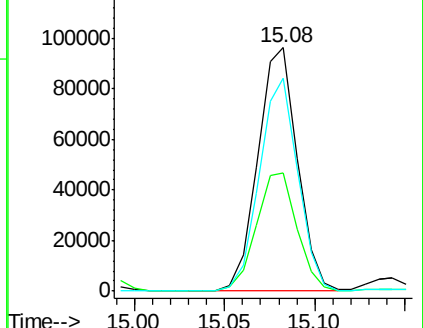
154 87.3 72.0 108.0

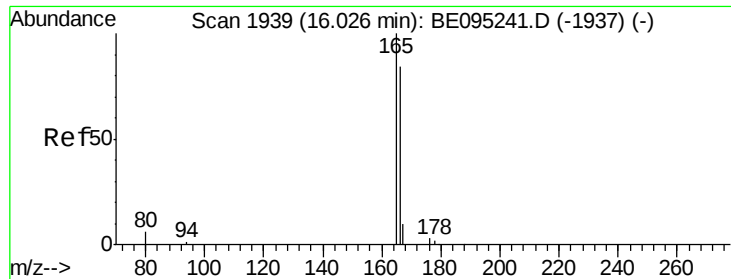


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 10.673 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

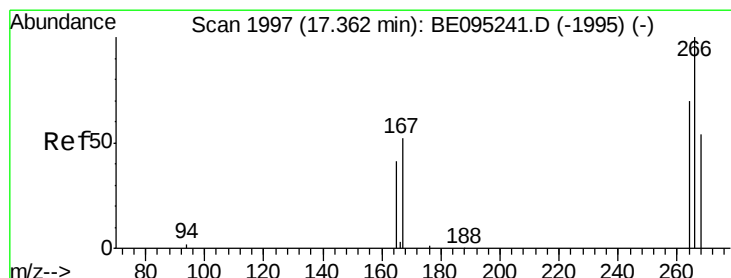
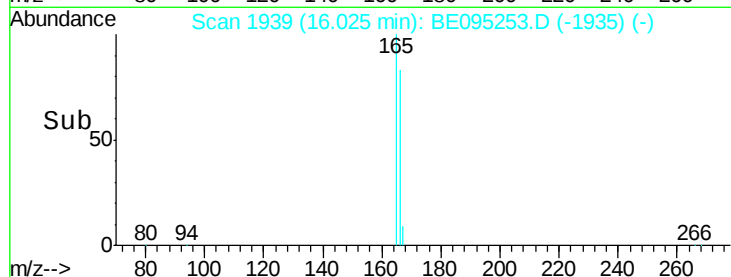
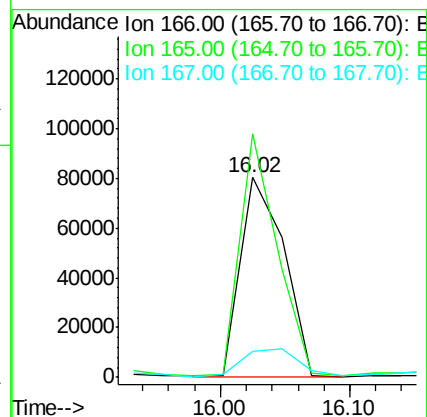
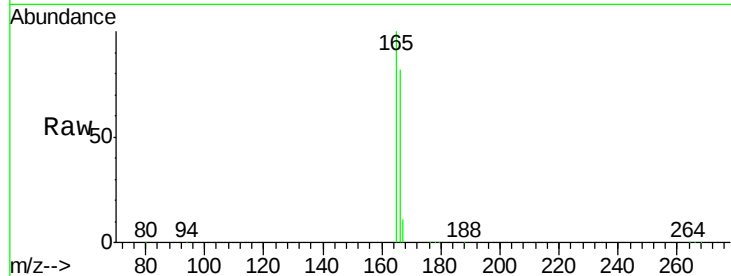
Tot Ion:166 Resp: 189556

Ion Ratio Lower Upper

166 100

165 122.0 73.4 110.2#

167 13.2 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.920 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

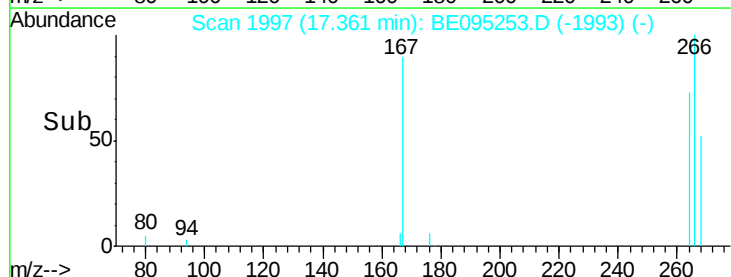
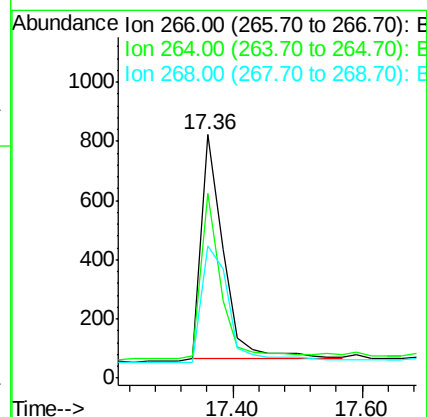
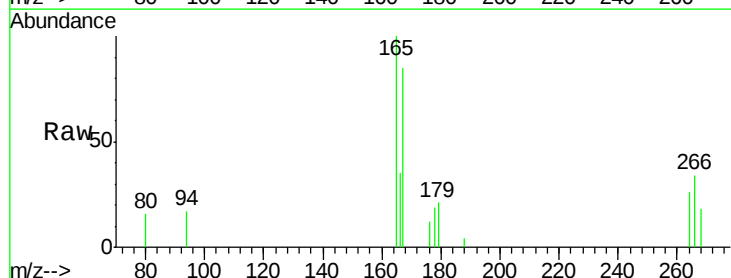
Tgt Ion:266 Resp: 1770

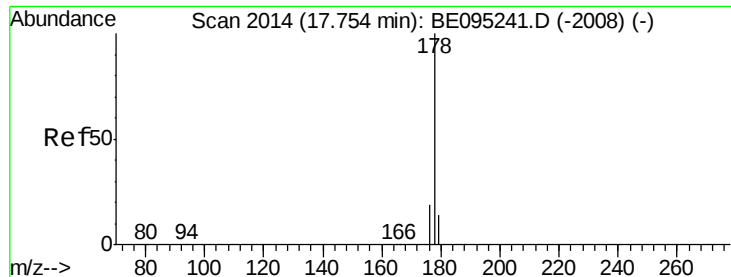
Ion Ratio Lower Upper

266 100

264 63.8 47.9 71.9

268 65.9 49.8 74.8





#12

Phenanthrene

Concen: 32.291 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

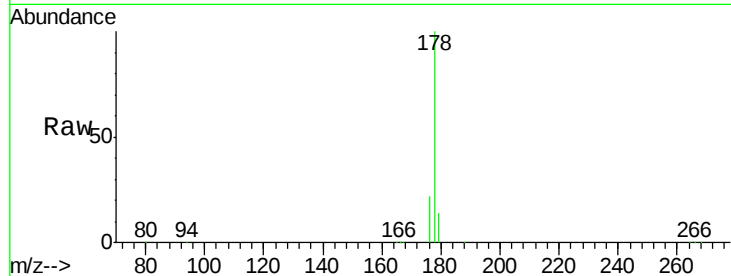
Tot Ion:178 Resp: 1078950

Ion Ratio Lower Upper

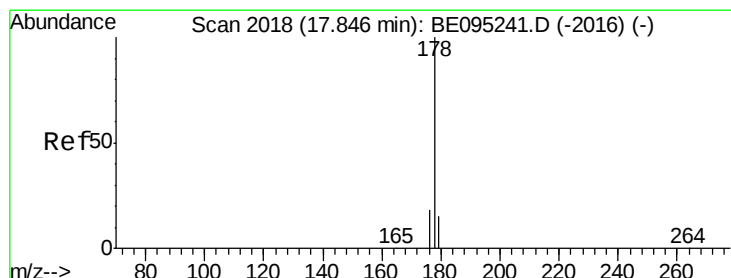
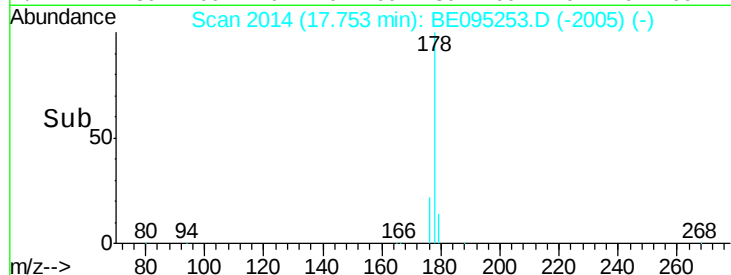
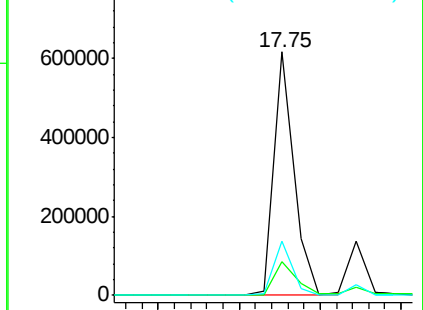
178 100

179 13.9 18.4 27.6#

176 22.4 13.6 20.4#



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



#13

Anthracene

Concen: 6.517 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

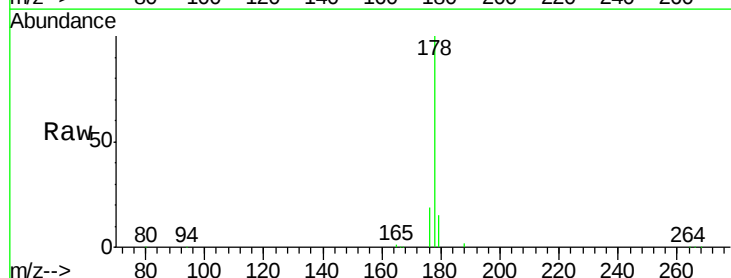
Tgt Ion:178 Resp: 199312

Ion Ratio Lower Upper

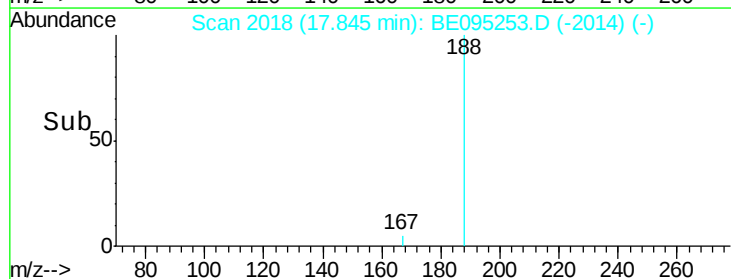
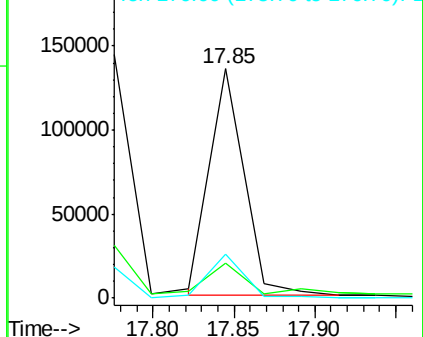
178 100

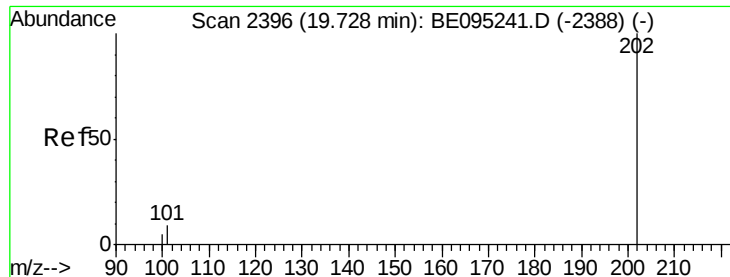
179 15.3 18.1 27.1#

176 19.2 14.7 22.1



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: 18.040 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

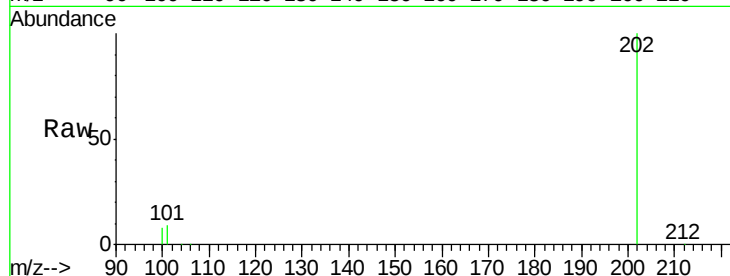
Tot Ion:202 Resp: 780483

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

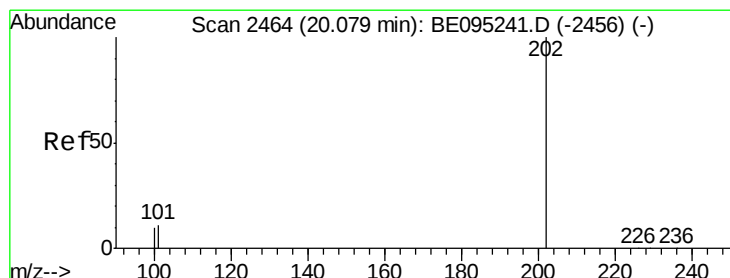
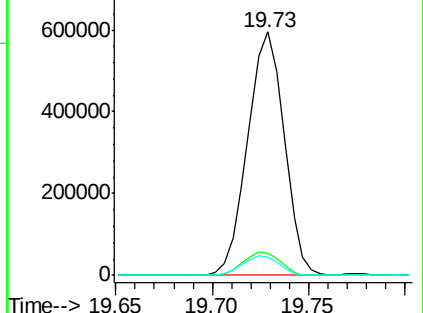
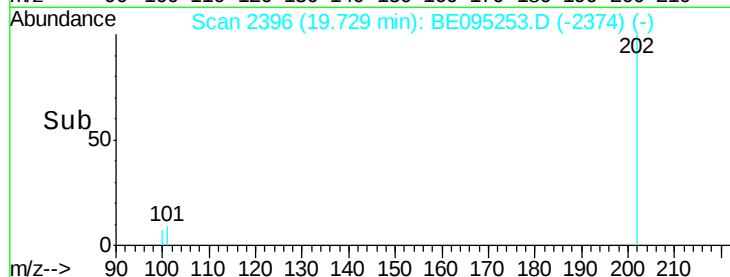
100 7.5 0.0 39.5



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): BE



#17

Pyrene

Concen: 14.625 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

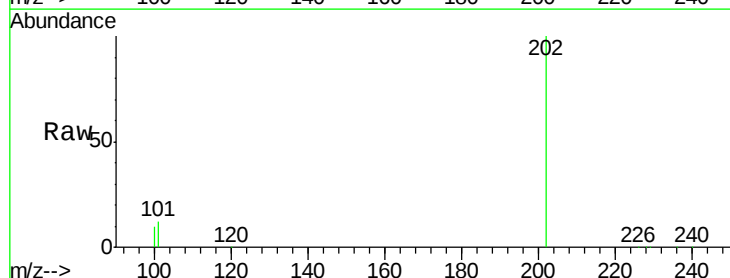
Tgt Ion:202 Resp: 513735

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

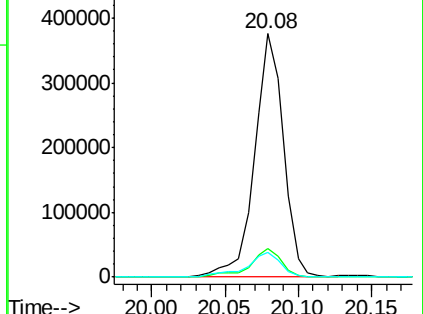
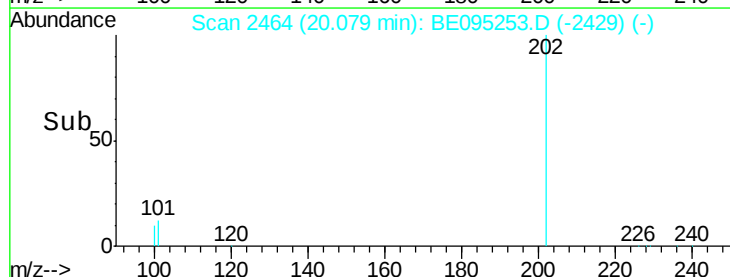
100 10.4 15.6 23.4#

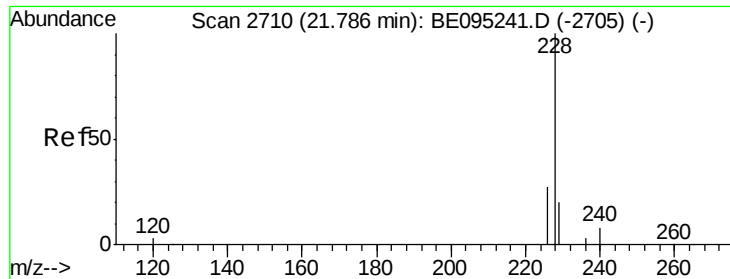


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 4.475 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

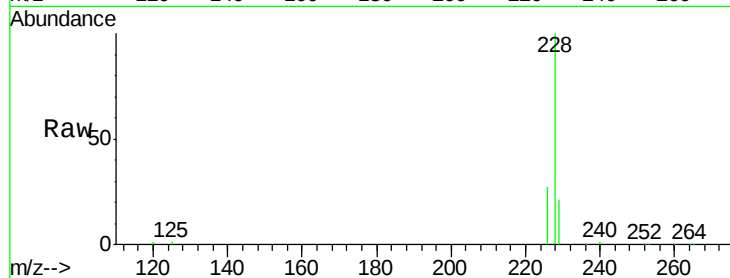
Tot Ion:228 Resp: 146443

Ion Ratio Lower Upper

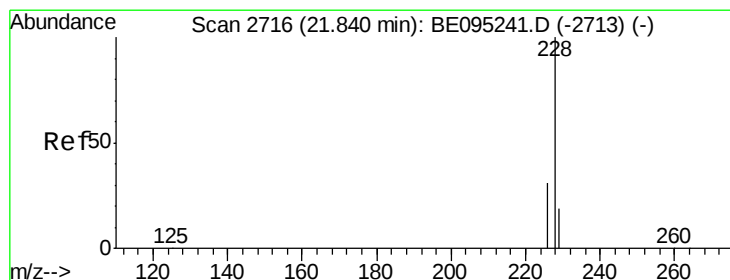
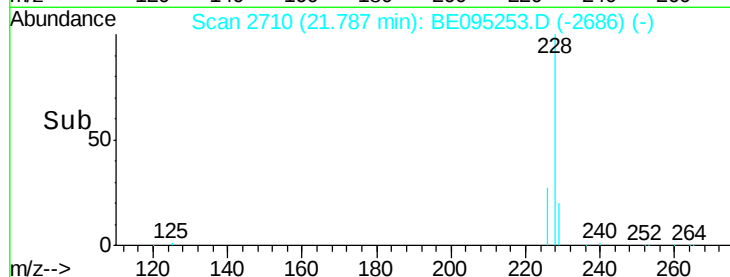
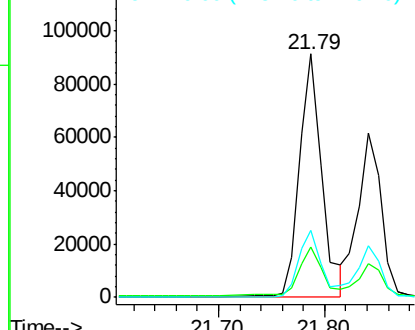
228 100

229 20.7 22.8 34.2#

226 27.5 17.0 25.6#



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: 2.755 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

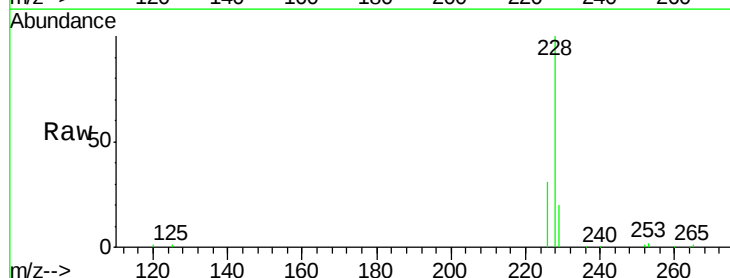
Tgt Ion:228 Resp: 93638

Ion Ratio Lower Upper

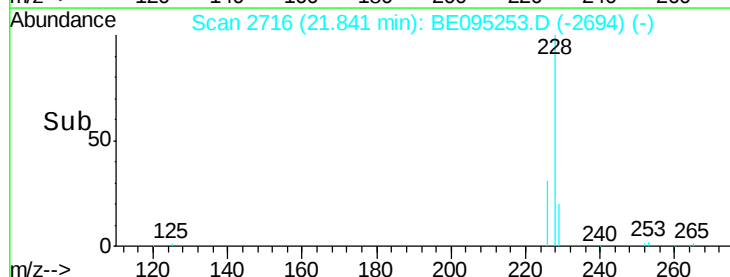
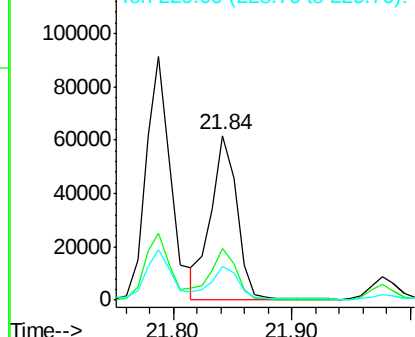
228 100

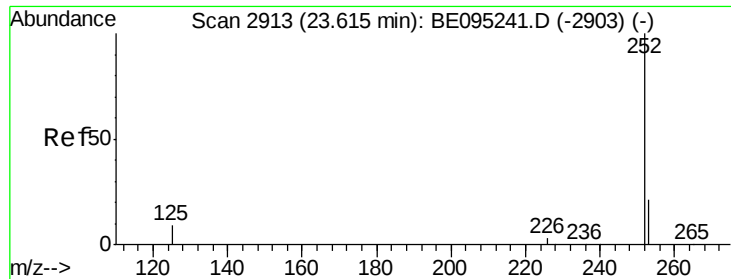
226 31.4 23.4 35.0

229 20.5 17.7 26.5



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

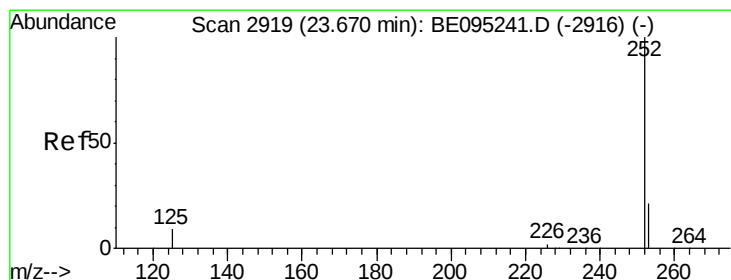
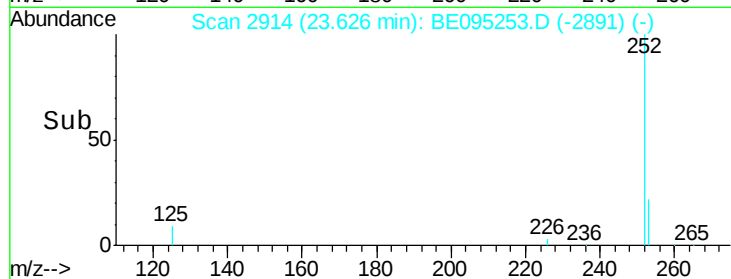
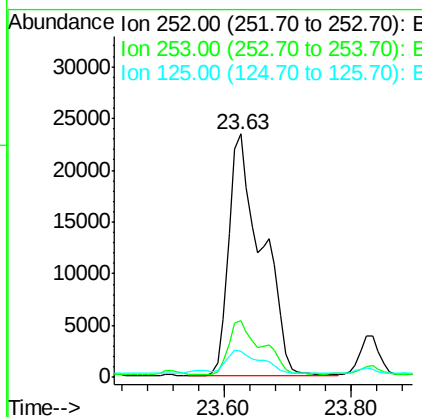
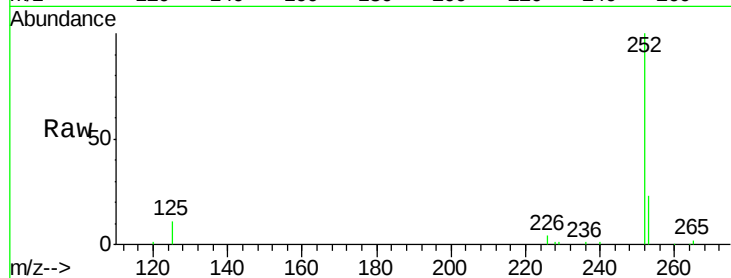




#21
Benzo(b)fluoranthene
Concen: 2.198 ng/ul
RT: 23.63 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

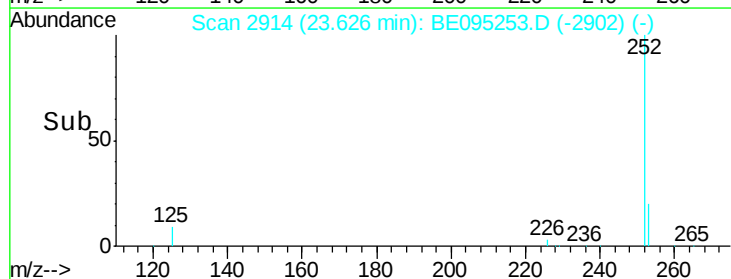
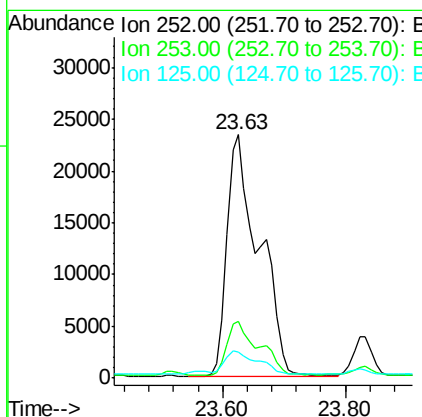
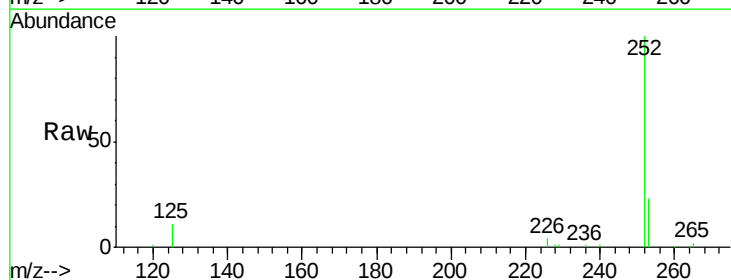
Instrument :
BNA_E
ClientSampleId :
F6B16

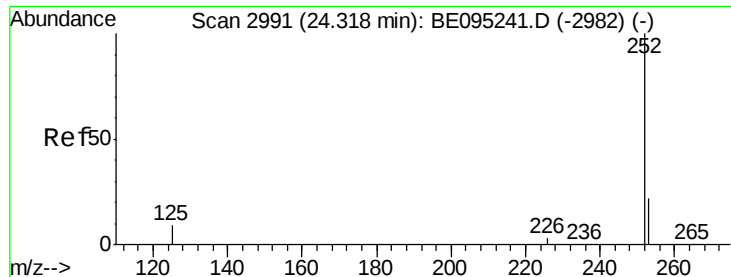
Tot Ion:252 Resp: 84666
Ion Ratio Lower Upper
252 100
253 23.1 0.0 64.2
125 10.8 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 2.405 ng/ul
RT: 23.63 min Scan# 2914
Delta R.T. -0.04 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:252 Resp: 84732
Ion Ratio Lower Upper
252 100
253 23.1 24.5 36.7#
125 10.8 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 1.073 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

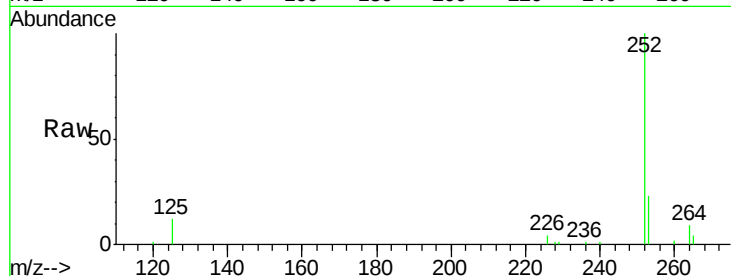
Tot Ion:252 Resp: 36897

Ion Ratio Lower Upper

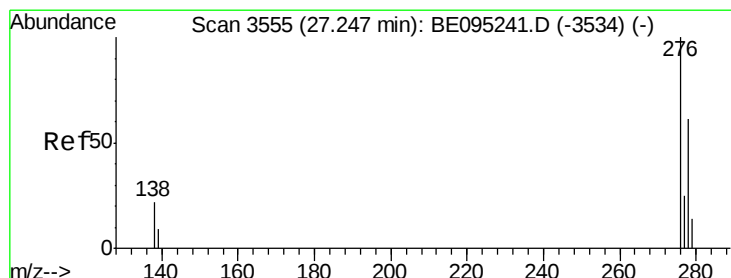
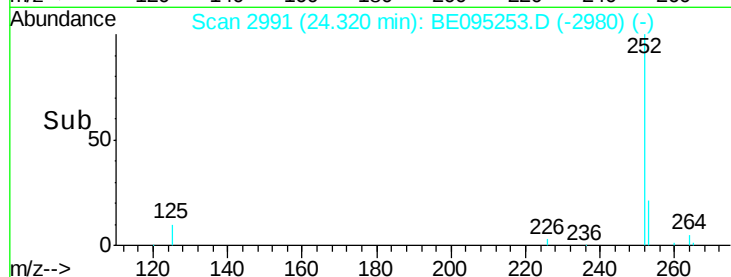
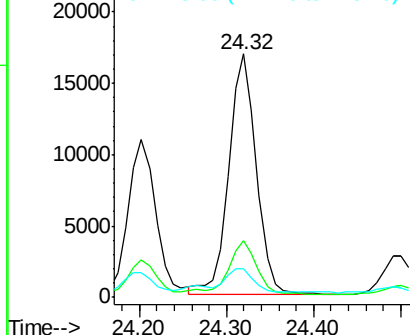
252 100

253 23.1 28.5 42.7#

125 11.5 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.305 ng/ul

RT: 27.24 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

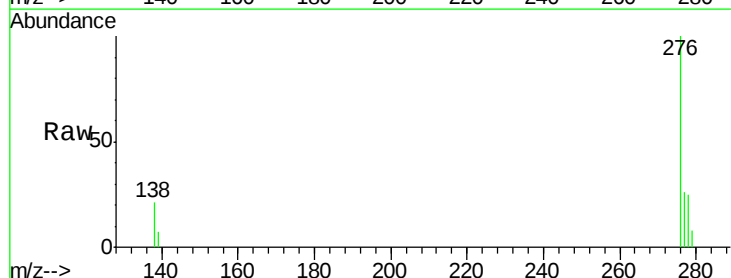
Tgt Ion:276 Resp: 11496

Ion Ratio Lower Upper

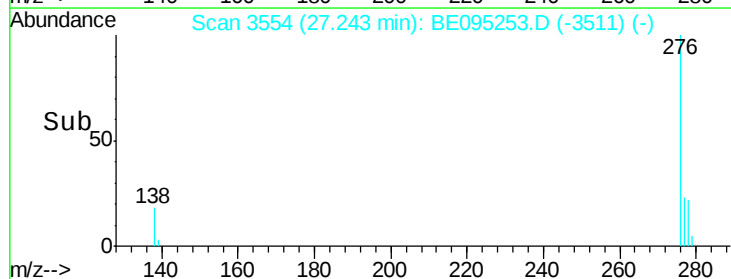
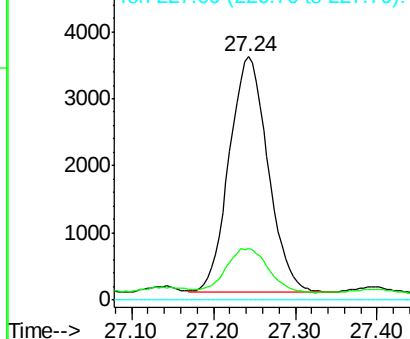
276 100

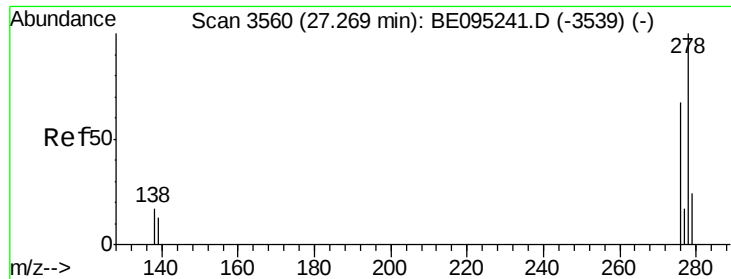
138 20.7 28.0 42.0#

227 0.0 8.0 12.0#



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: 0.117 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

Instrument :

BNA_E

ClientSampleId :

F6B16

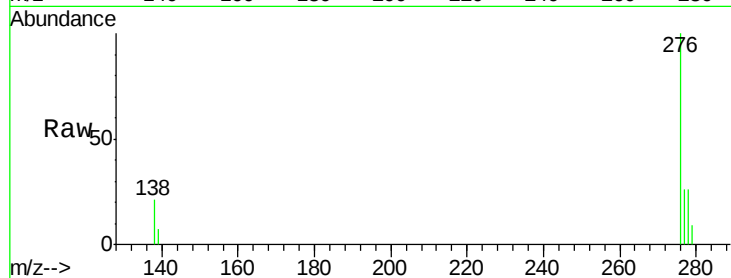
Tot Ion:278 Resp: 3595

Ion Ratio Lower Upper

278 100

139 28.0 17.4 26.0#

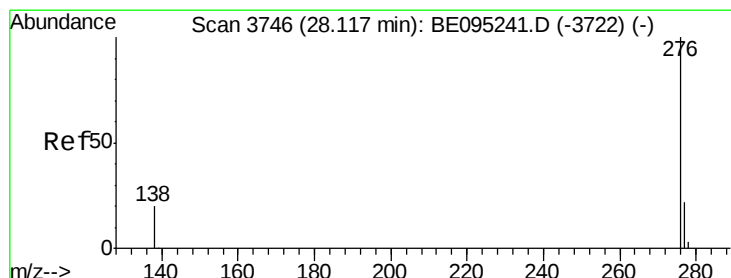
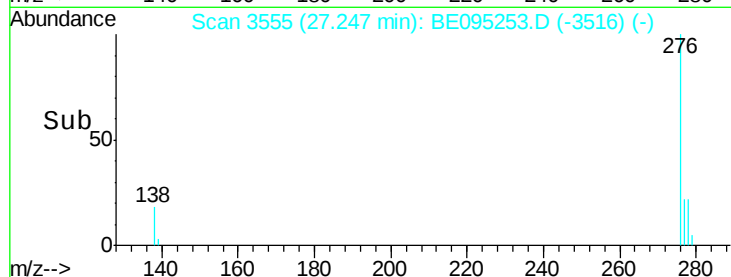
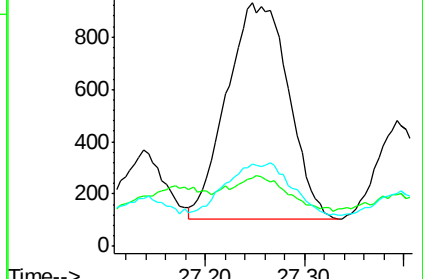
279 33.6 25.9 38.9



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: 28.12 min Scan# 3747

Delta R.T. 0.01 min

Lab File: BE095253.D

Acq: 29 Jan 2018 18:55

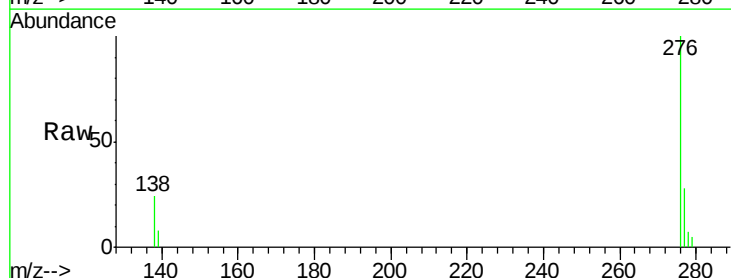
Tgt Ion:276 Resp: 6655

Ion Ratio Lower Upper

276 100

138 23.9 21.8 32.8

277 27.9 20.5 30.7



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

