

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095400.D
 Acq On : 2 Feb 2018 17:00
 Operator : SJ/JU
 Sample : J1244-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 03 04:32:20 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 03 04:31:32 2018
 Response via : Initial Calibration

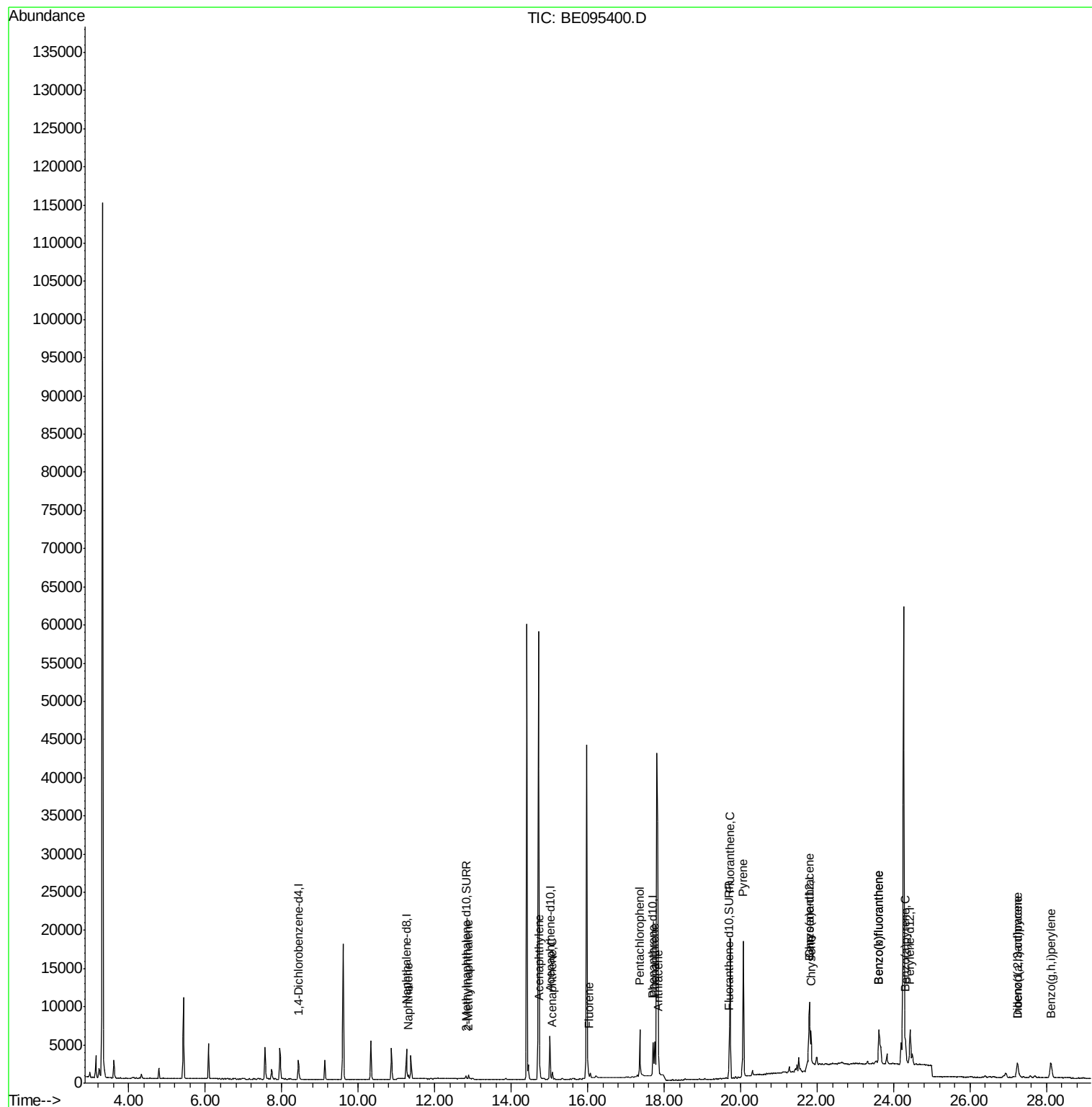
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1786	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5271	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3090	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6591	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7055	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7127	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	490	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1331	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	799	0.054	ng/ul#	79
5) 2-Methylnaphthalene	12.88	142	415	0.042	ng/ul	96
7) Acenaphthylene	14.75	152	2038	0.137	ng/ul	96
8) Acenaphthene	15.08	153	574	0.050	ng/ul#	93
9) Fluorene	16.02	166	482	0.041	ng/ul#	79
11) Pentachlorophenol	17.36	266	4379	3.430	ng/ul	97
12) Phenanthrene	17.75	178	5125	0.231	ng/ul#	90
13) Anthracene	17.84	178	2858	0.141	ng/ul	94
15) Fluoranthene	19.72	202	20940	0.730	ng/ul	83
17) Pyrene	20.07	202	19497	0.824	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	6007	0.272	ng/ul#	90
19) Chrysene	21.84	228	5218	0.228	ng/ul#	89
21) Benzo(b)fluoranthene	23.62	252	11613	0.462	ng/ul	88
22) Benzo(k)fluoranthene	23.62	252	11613	0.505	ng/ul#	89
23) Benzo(a)pyrene	24.31	252	4009	0.179	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.24	276	3848	0.156	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.26	278	912	0.045	ng/ul#	29
26) Benzo(g,h,i)perylene	28.12	276	5308	0.255	ng/ul	97

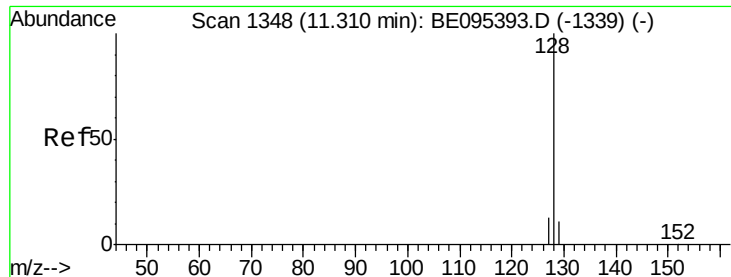
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

ClientSampleId :

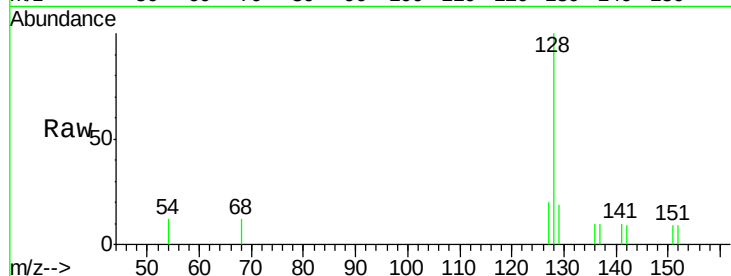
Tot Ion:128 Resp: 799

Ion Ratio Lower Upper

128 100

129 19.4 11.3 16.9#

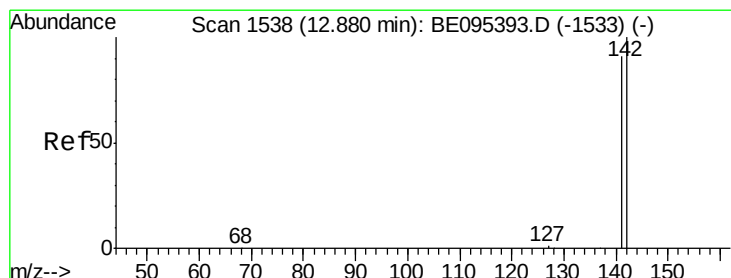
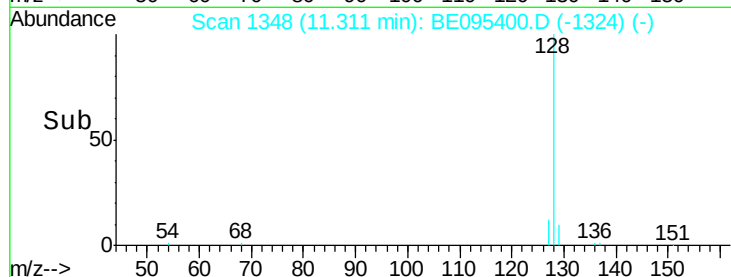
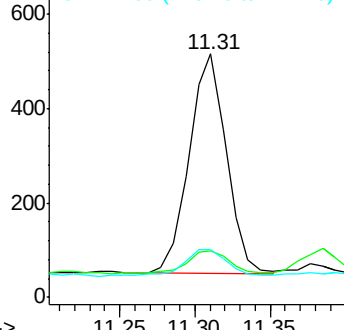
127 19.8 4.0 6.0#



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: 0.042 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE095400.D

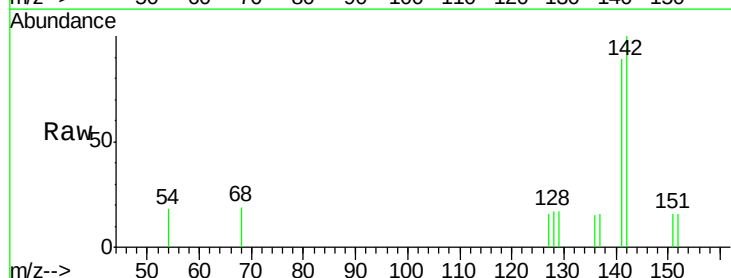
Acq: 2 Feb 2018 17:00

Tgt Ion:142 Resp: 415

Ion Ratio Lower Upper

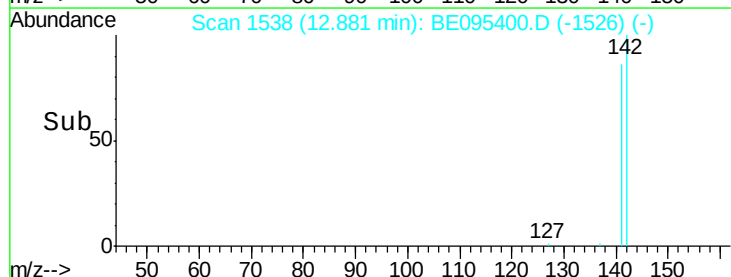
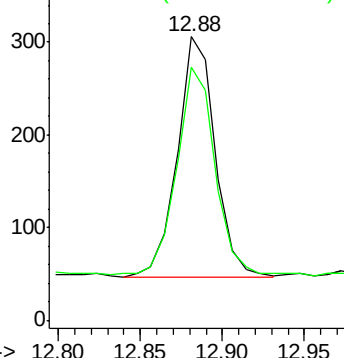
142 100

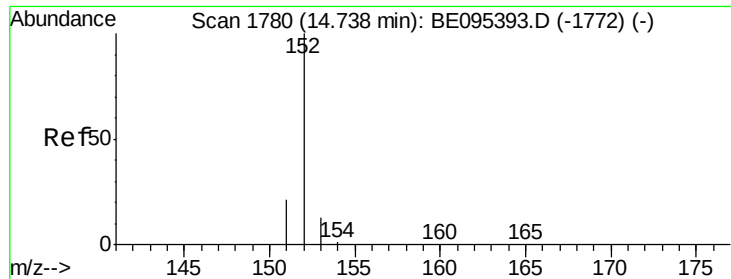
141 87.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

ClientSampleId :

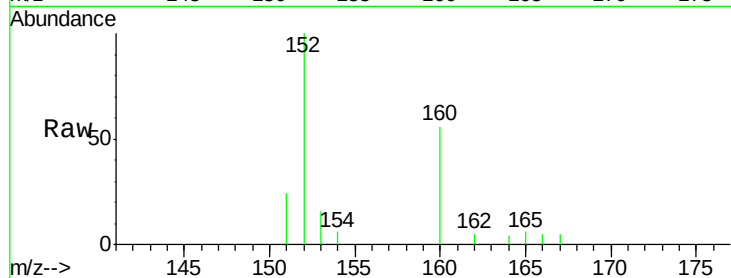
Tot Ion:152 Resp: 2038

Ion Ratio Lower Upper

152 100

151 24.1 17.1 25.7

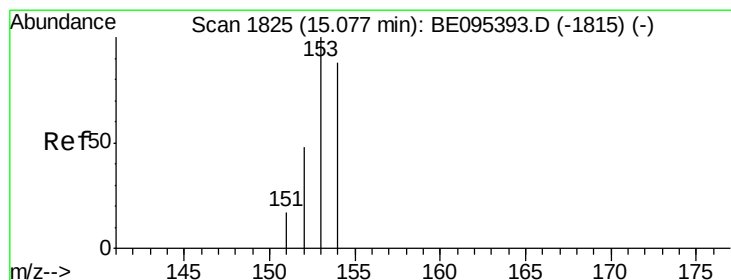
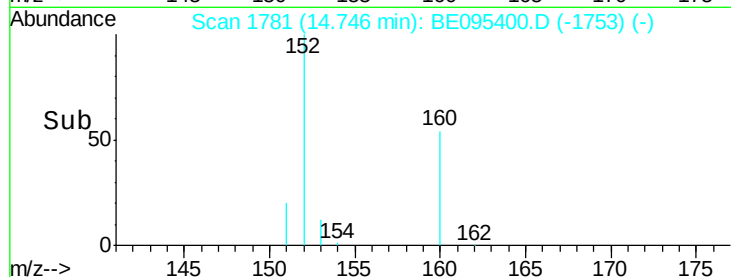
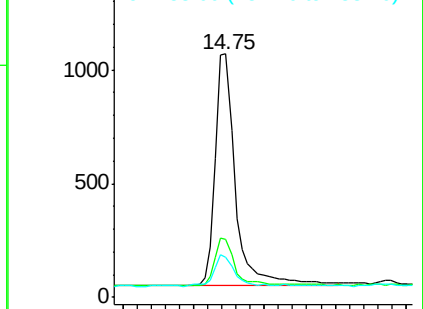
153 16.4 12.8 19.2



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: 0.050 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

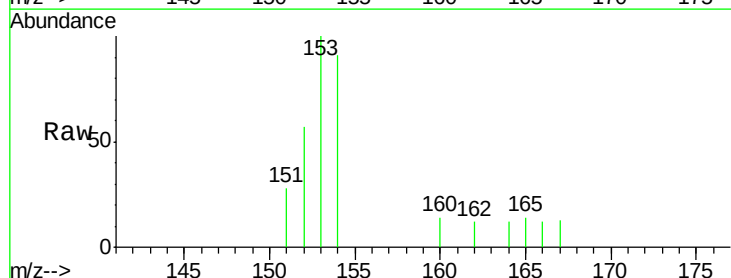
Tgt Ion:153 Resp: 574

Ion Ratio Lower Upper

153 100

152 57.1 36.0 54.0#

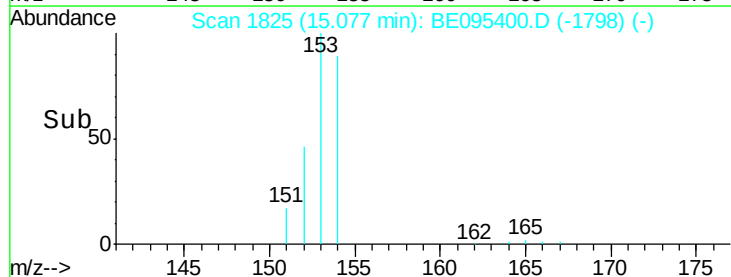
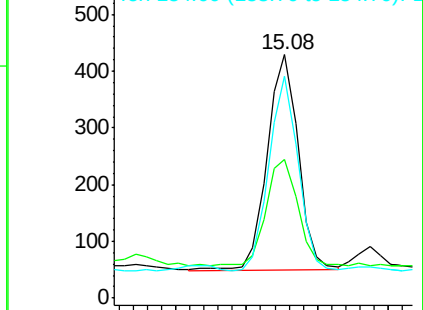
154 91.4 72.0 108.0

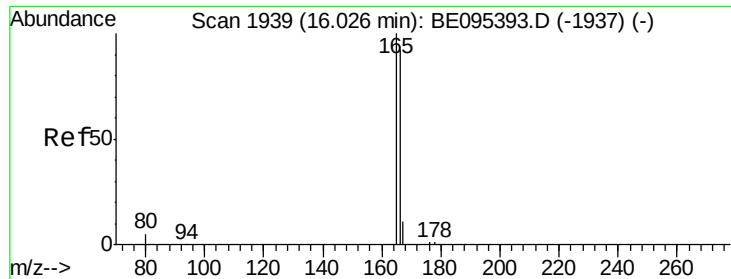


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



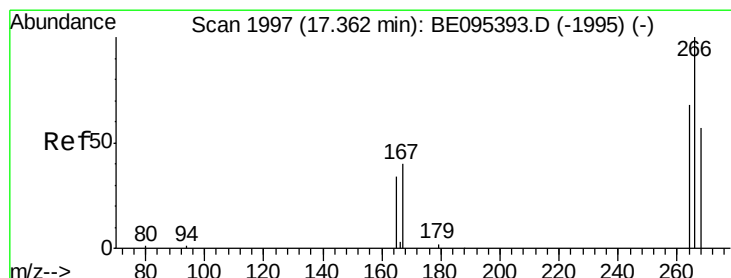
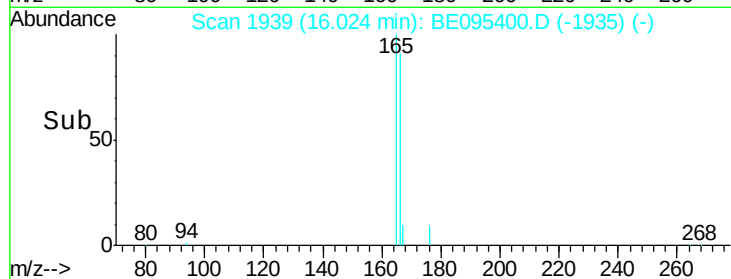
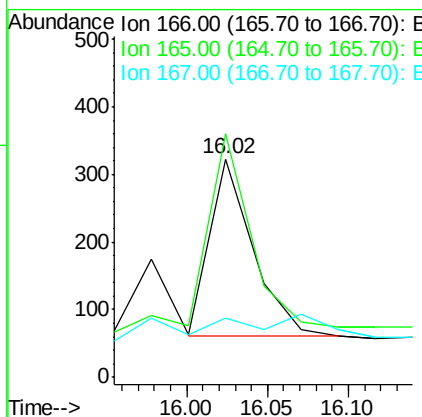
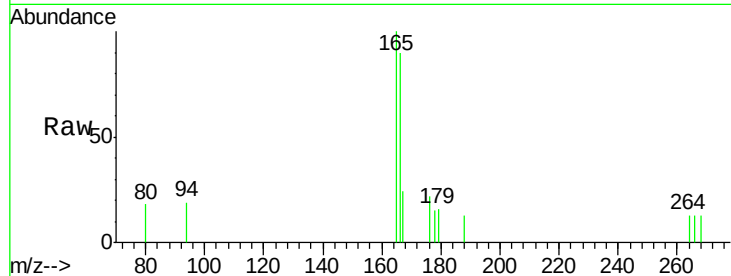


#9
Fluorene
 Concen: 0.041 ng/ul
 RT: 16.02 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BE095400.D
 Acq: 2 Feb 2018 17:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 482

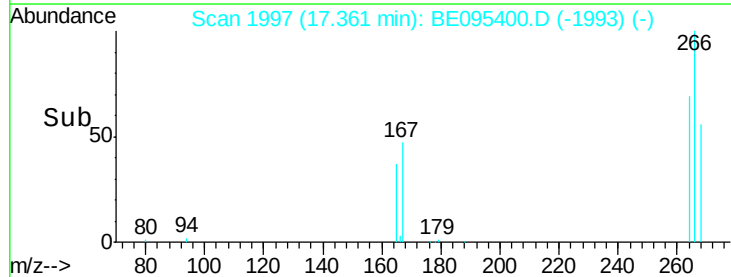
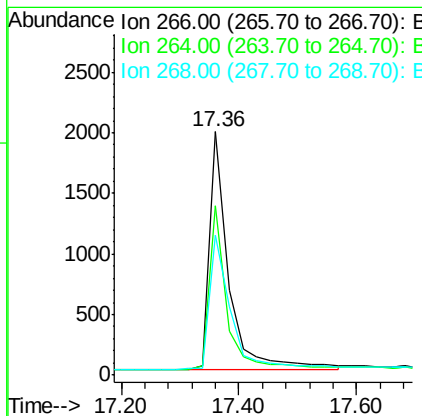
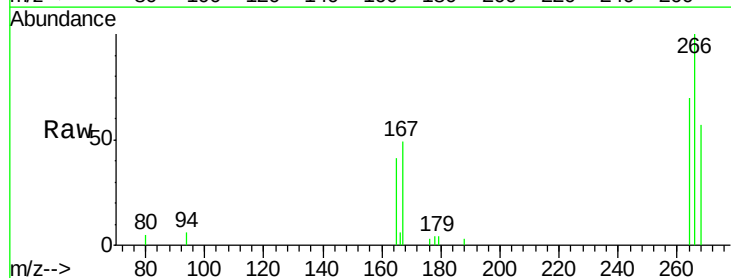
Ion	Ratio	Lower	Upper
166	100		
165	111.5	73.4	110.2#
167	27.2	14.6	22.0#

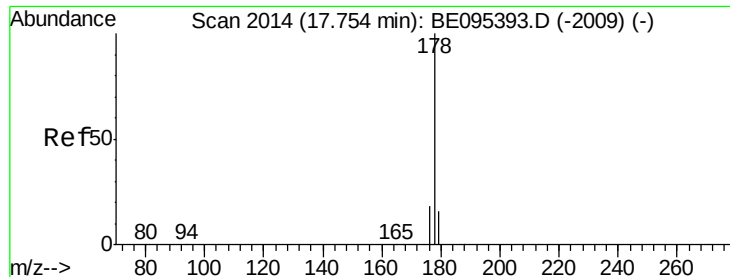


#11
Pentachlorophenol
 Concen: 3.430 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095400.D
 Acq: 2 Feb 2018 17:00

Tgt Ion:266 Resp: 4379

Ion	Ratio	Lower	Upper
266	100		
264	63.9	47.9	71.9
268	62.3	49.8	74.8





#12

Phenanthrene

Concen: 0.231 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

ClientSampleId :

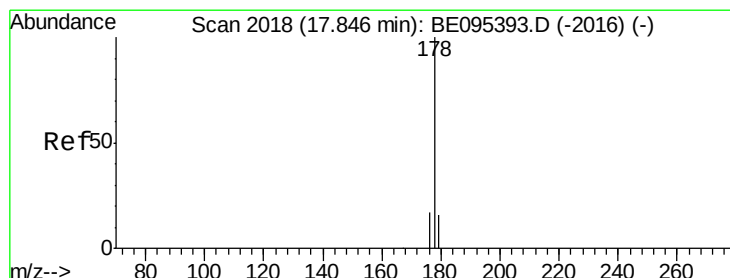
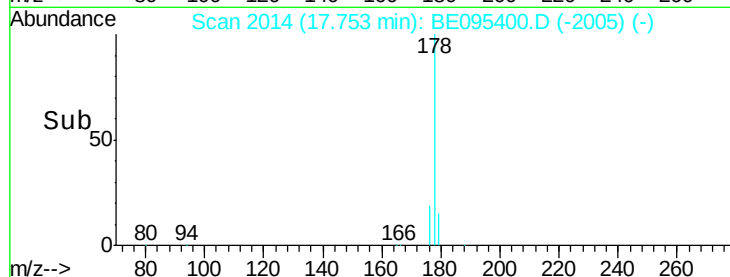
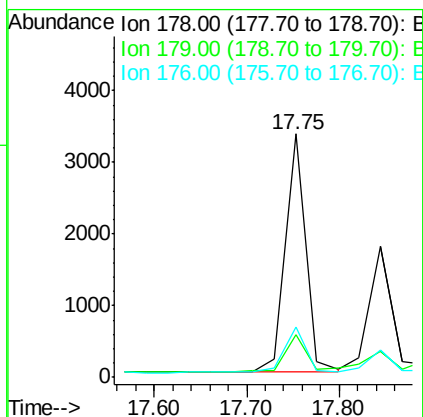
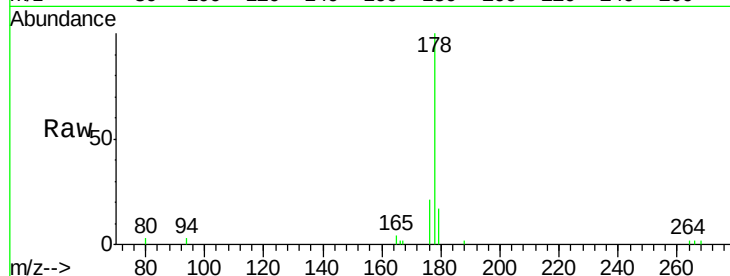
Tot Ion:178 Resp: 5125

Ion Ratio Lower Upper

178 100

179 17.4 18.4 27.6#

176 20.6 13.6 20.4#



#13

Anthracene

Concen: 0.141 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

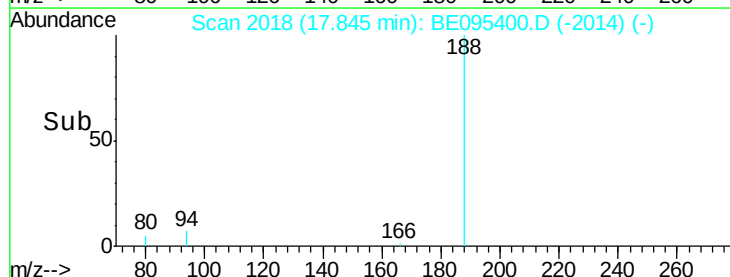
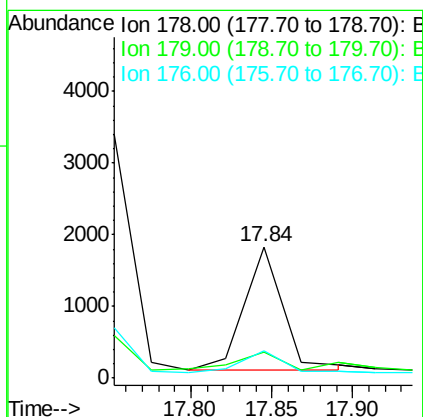
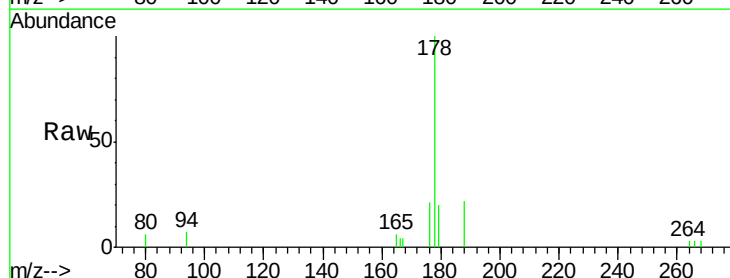
Tgt Ion:178 Resp: 2858

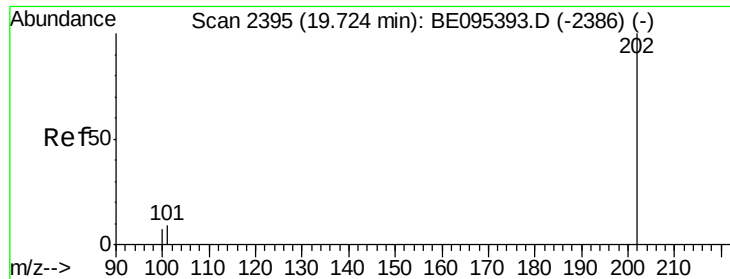
Ion Ratio Lower Upper

178 100

179 19.6 18.1 27.1

176 20.7 14.7 22.1





#15

Fluoranthene

Concen: 0.730 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

ClientSampleId :

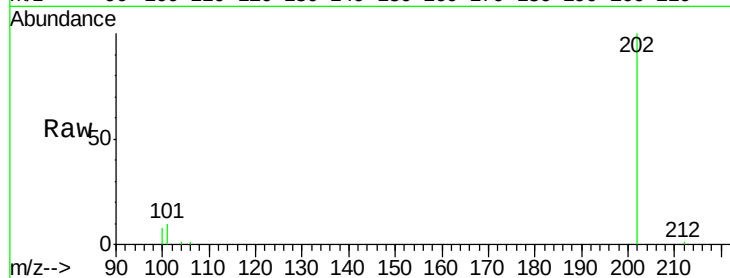
Tot Ion:202 Resp: 20940

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

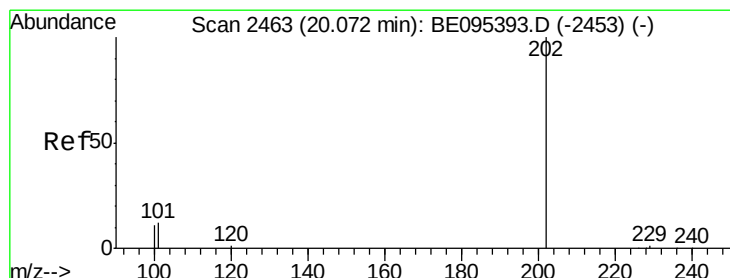
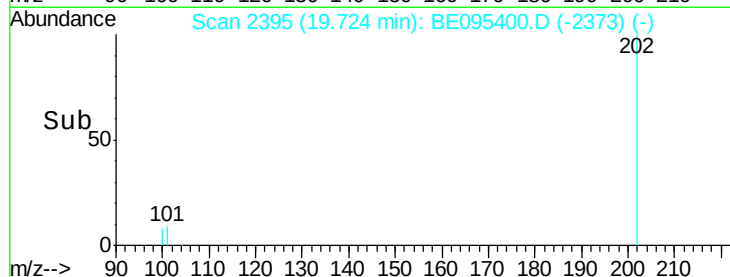
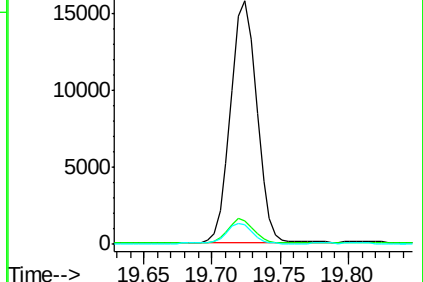
100 8.0 0.0 39.5



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: 0.824 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

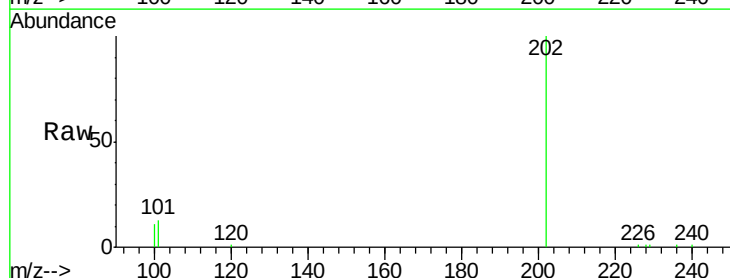
Tgt Ion:202 Resp: 19497

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

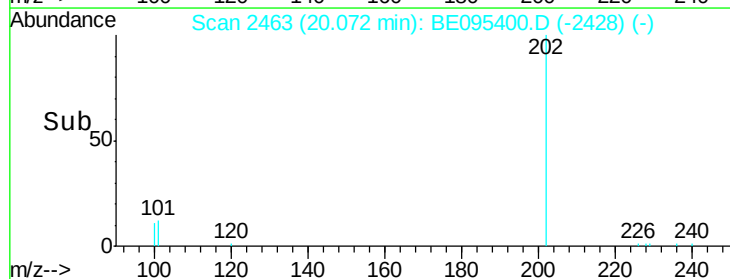
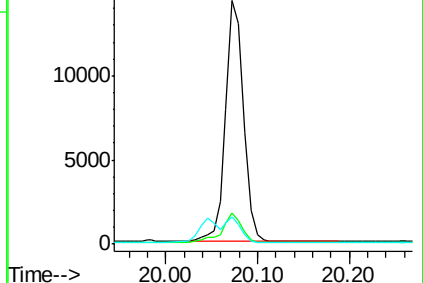
100 11.4 15.6 23.4#

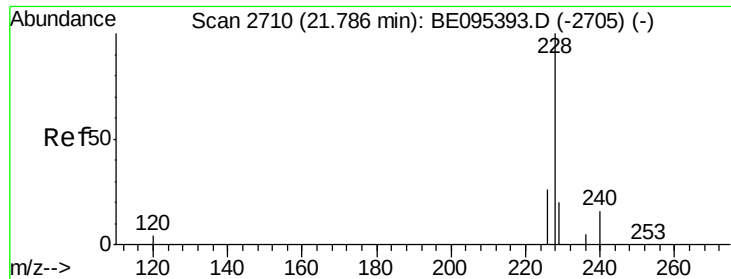


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

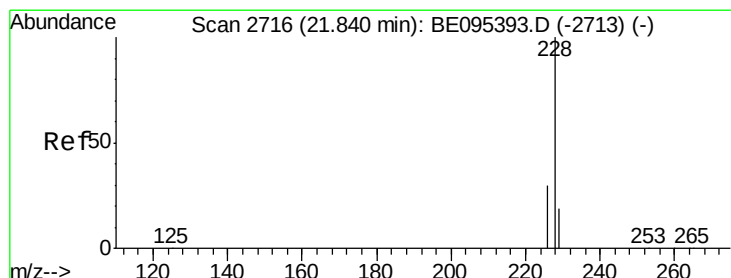
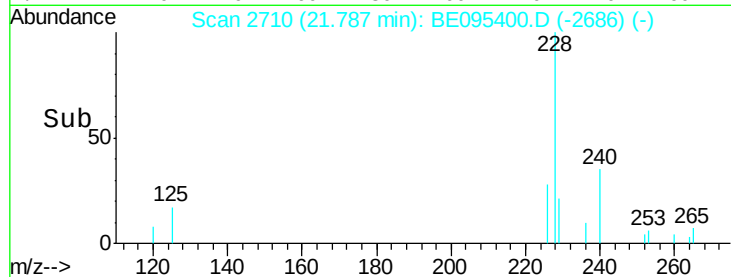
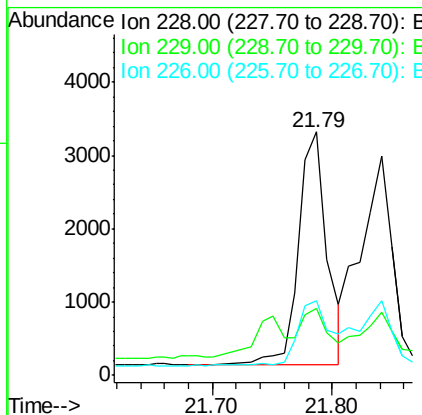
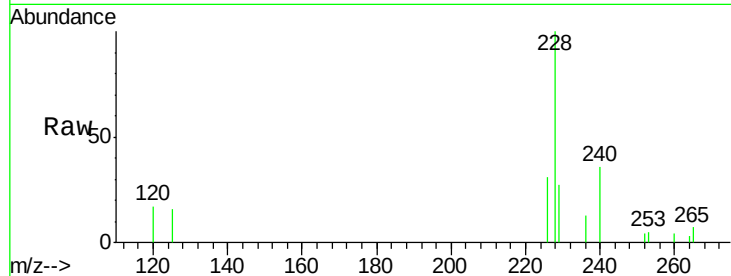




#18
Benzo(a)anthracene
Concen: 0.272 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

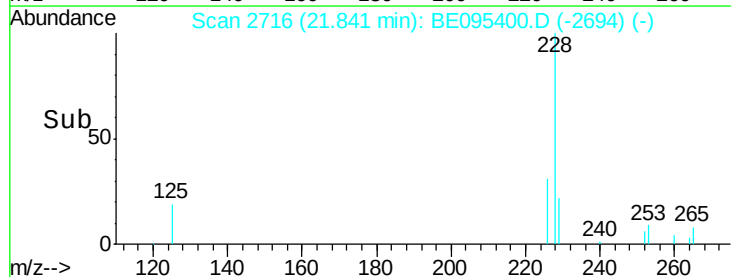
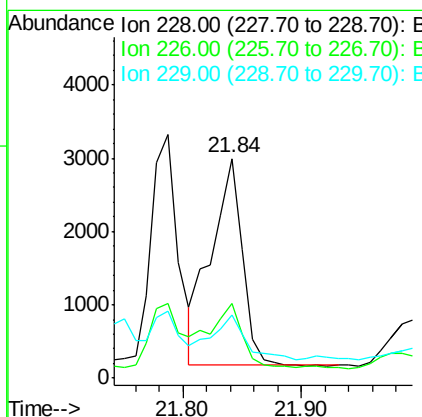
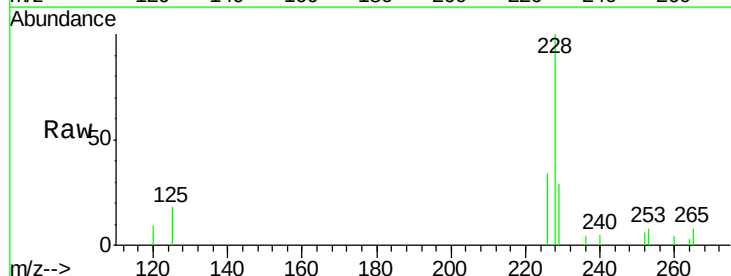
Instrument :
BNA_E
ClientSampleId :

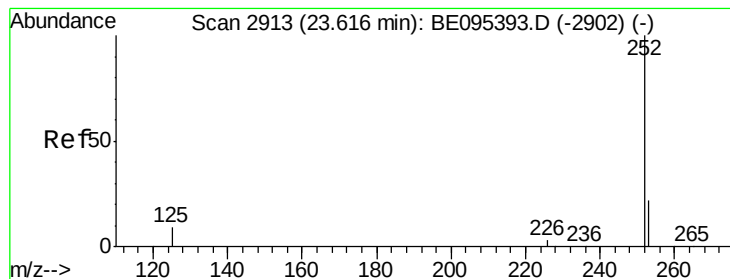
Tot Ion:228 Resp: 6007
Ion Ratio Lower Upper
228 100
229 27.4 22.8 34.2
226 30.8 17.0 25.6#



#19
Chrysene
Concen: 0.228 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Tgt Ion:228 Resp: 5218
Ion Ratio Lower Upper
228 100
226 33.9 23.4 35.0
229 28.9 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.462 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

ClientSampleId :

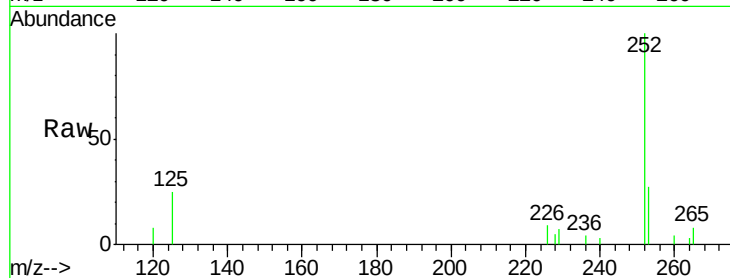
Tot Ion:252 Resp: 11613

Ion Ratio Lower Upper

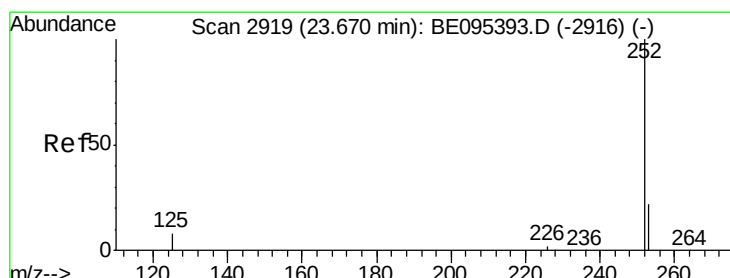
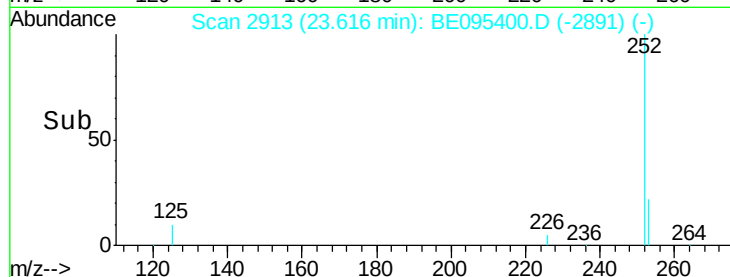
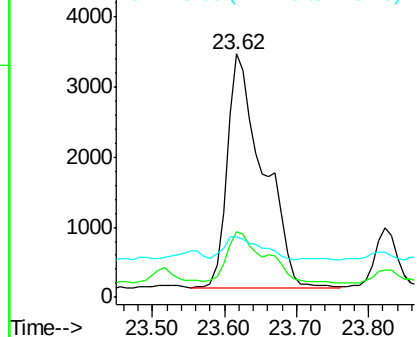
252 100

253 27.0 0.0 64.2

125 24.9 0.0 35.0



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: 0.505 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

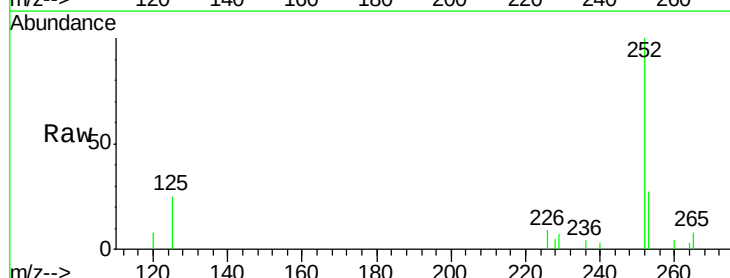
Tgt Ion:252 Resp: 11613

Ion Ratio Lower Upper

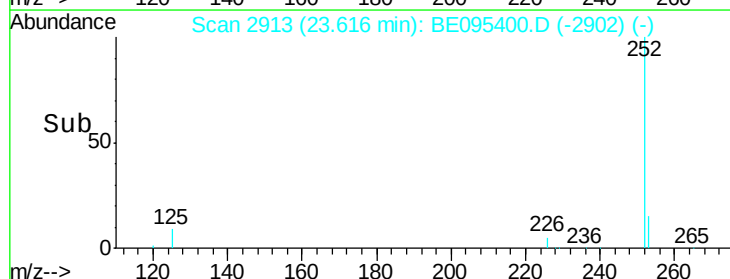
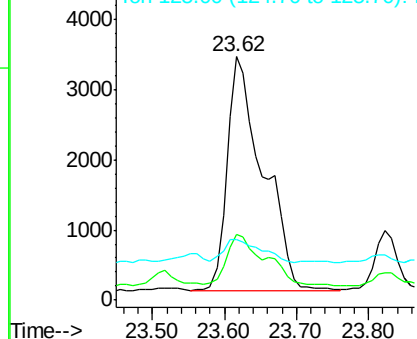
252 100

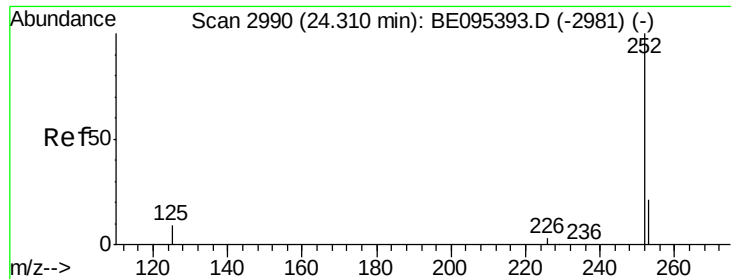
253 27.0 24.5 36.7

125 24.9 13.7 20.5#



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





#23

Benzo(a)pyrene

Concen: 0.179 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

Instrument :

BNA_E

ClientSampled :

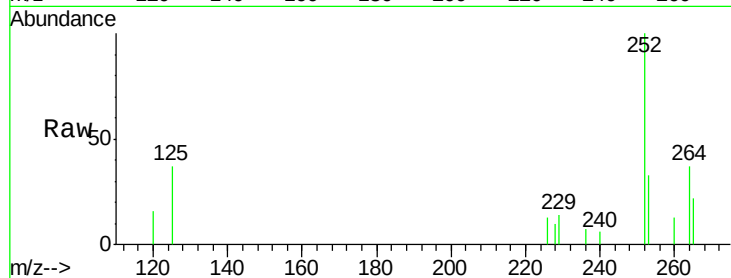
Tot Ion:252 Resp: 4009

Ion Ratio Lower Upper

252 100

253 33.1 28.5 42.7

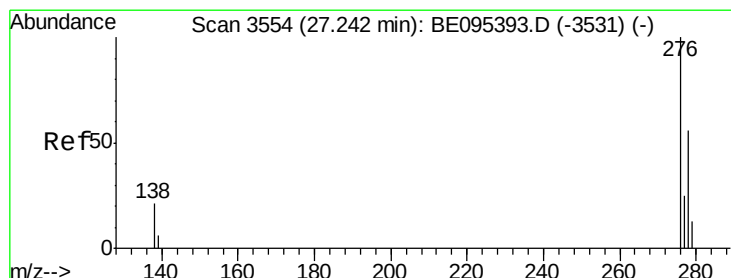
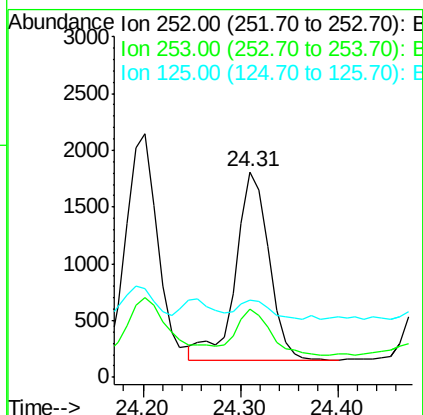
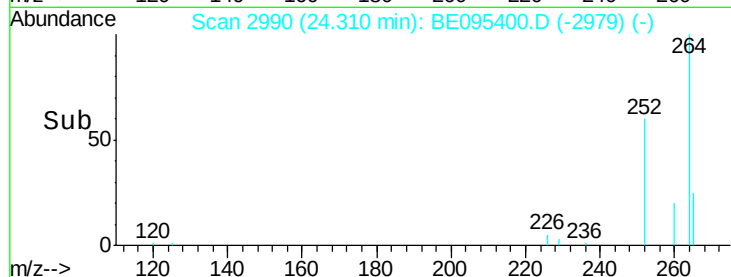
125 37.5 18.1 27.1#



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: 0.156 ng/ul

RT: 27.24 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BE095400.D

Acq: 2 Feb 2018 17:00

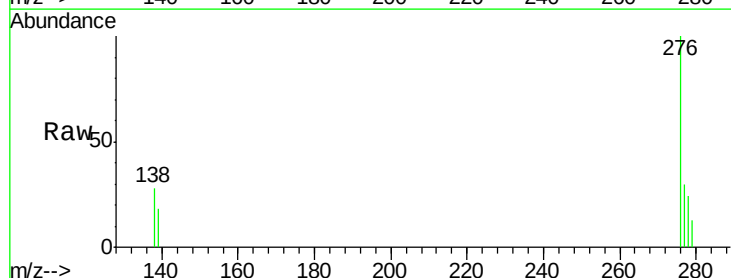
Tgt Ion:276 Resp: 3848

Ion Ratio Lower Upper

276 100

138 22.7 28.0 42.0#

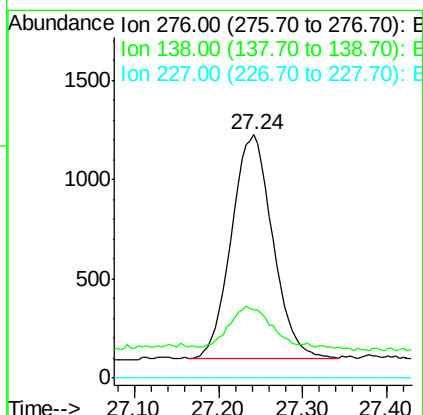
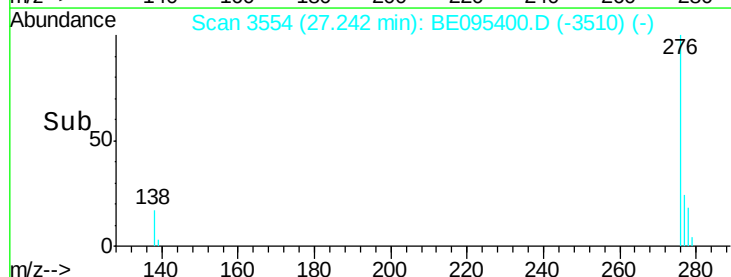
227 0.0 8.0 12.0#

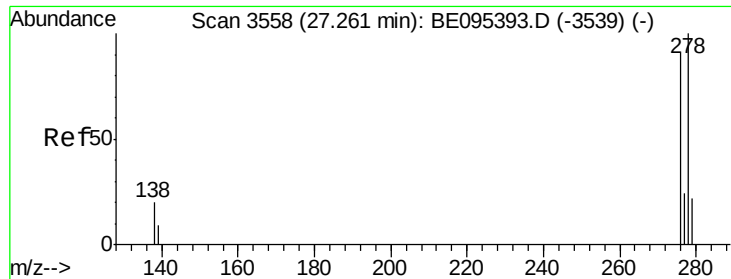


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

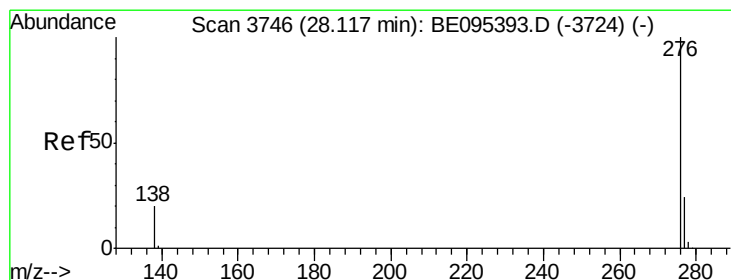
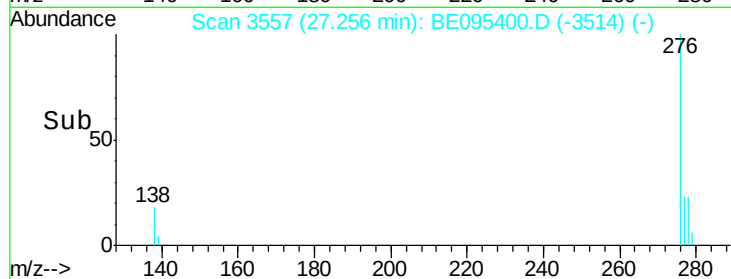
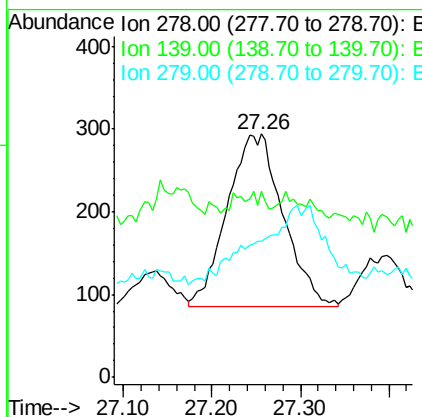
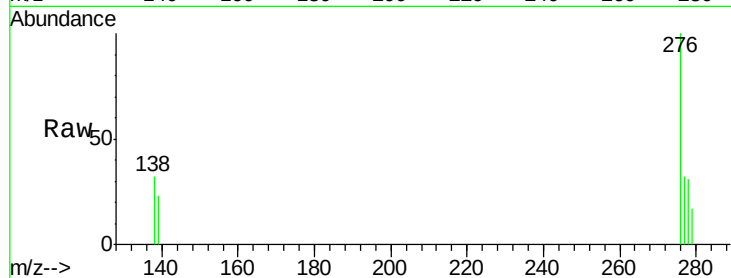




#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 27.26 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 912
Ion Ratio Lower Upper
278 100
139 76.5 17.4 26.0#
279 55.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BE095400.D
Acq: 2 Feb 2018 17:00

Tgt Ion:276 Resp: 5308
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.8
277 28.0 20.5 30.7

