

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
 Data File : BE095751.D
 Acq On : 13 Mar 2018 15:48
 Operator : SJ/JU
 Sample : SSTD0.412
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 16:25:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 13 16:24:15 2018
 Response via : Initial Calibration

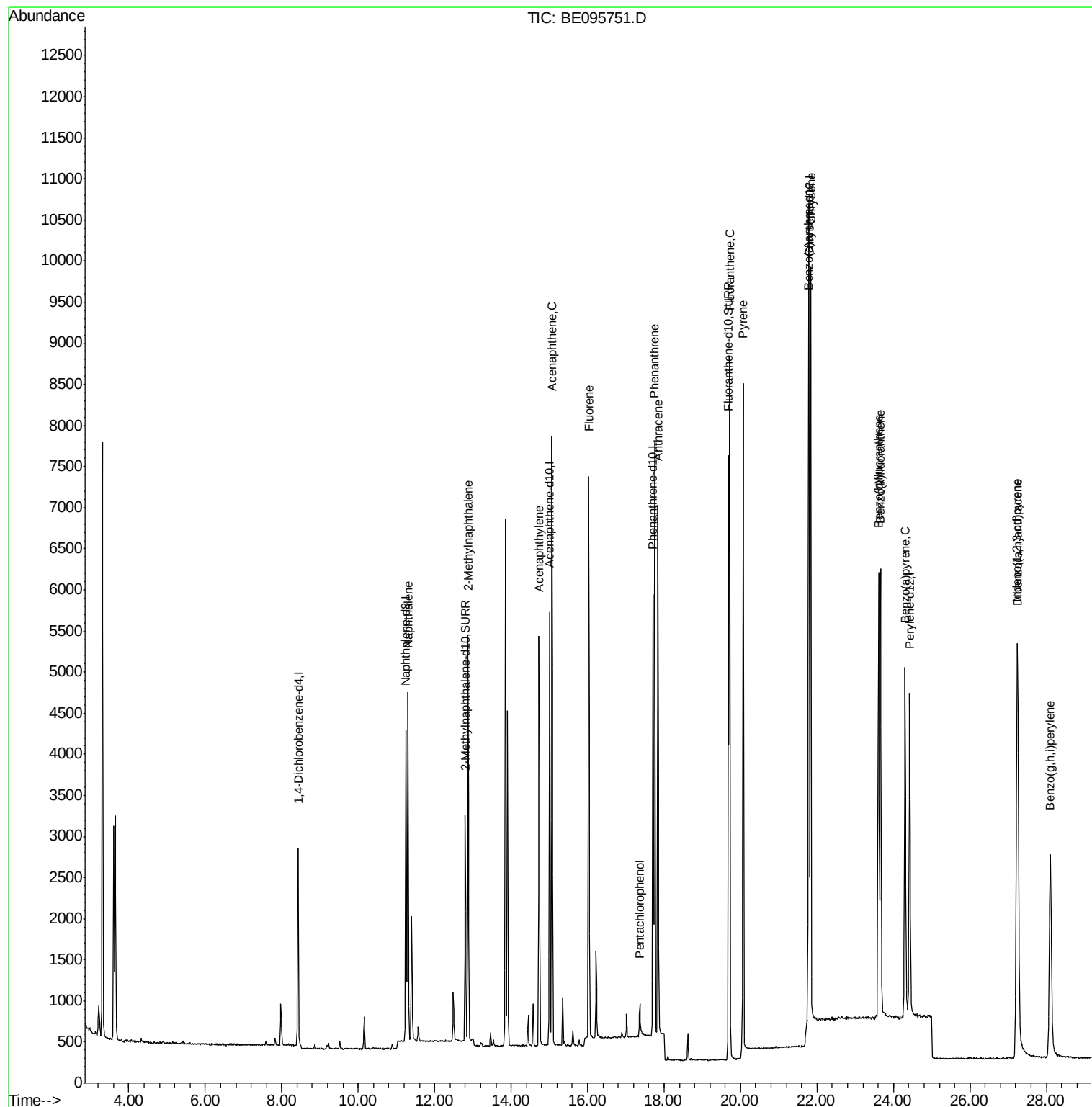
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1787	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5189	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6490	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6486	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	5899	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3532	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8249	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	5876	0.404	ng/ul#	89
5) 2-Methylnaphthalene	12.87	142	4016	0.414	ng/ul	97
7) Acenaphthylene	14.73	152	5824	0.418	ng/ul	98
8) Acenaphthene	15.07	153	4362	0.404	ng/ul	93
9) Fluorene	16.04	166	4755	0.427	ng/ul#	92
11) Pentachlorophenol	17.37	266	285	0.227	ng/ul	93
12) Phenanthrene	17.75	178	7835	0.359	ng/ul#	89
13) Anthracene	17.84	178	7319	0.366	ng/ul#	91
15) Fluoranthene	19.72	202	9503	0.336	ng/ul	84
17) Pyrene	20.07	202	9924	0.456	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	8452	0.417	ng/ul#	84
19) Chrysene	21.84	228	8654	0.411	ng/ul	96
21) Benzo(b)fluoranthene	23.61	252	8169	0.393	ng/ul	85
22) Benzo(k)fluoranthene	23.66	252	7793	0.409	ng/ul#	85
23) Benzo(a)pyrene	24.31	252	7414	0.399	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.23	276	8226	0.404	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.25	278	6611	0.397	ng/ul#	88
26) Benzo(g,h,i)perylene	28.10	276	7133	0.413	ng/ul#	94

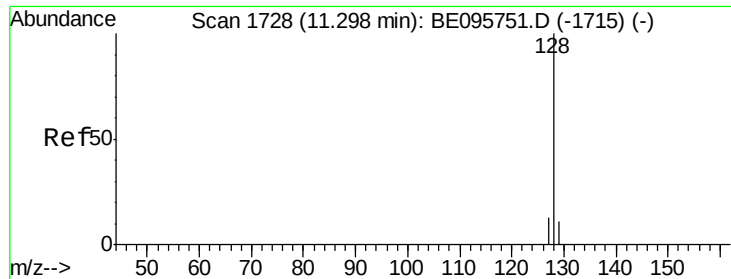
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
Data File : BE095751.D
Acq On : 13 Mar 2018 15:48
Operator : SJ/JU
Sample : SST0.412
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 13 16:25:42 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 13 16:24:15 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.404 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

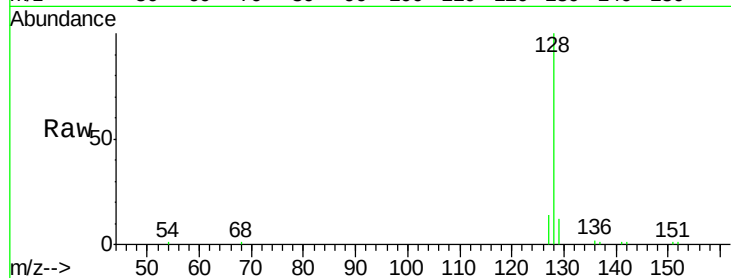
Tot Ion:128 Resp: 5876

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

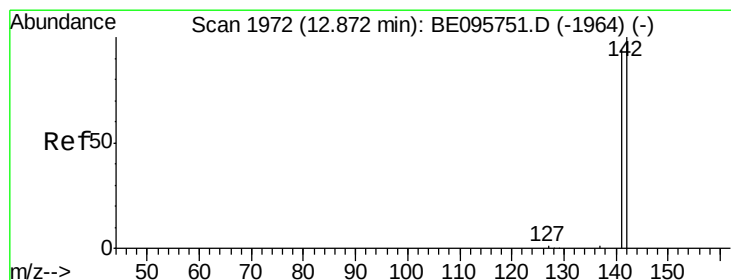
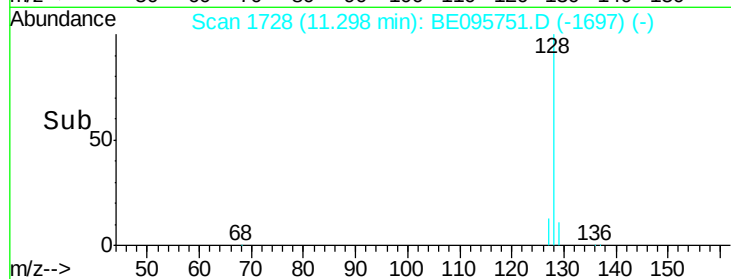
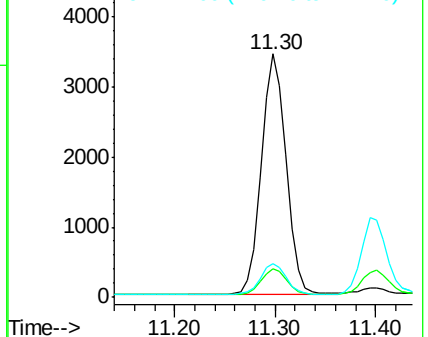
127 14.0 4.0 6.0#



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: 0.414 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095751.D

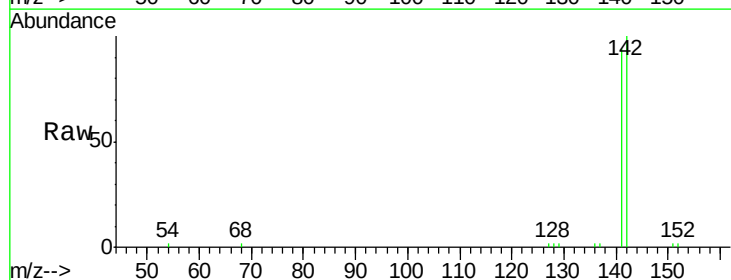
Acq: 13 Mar 2018 15:48

Tgt Ion:142 Resp: 4016

Ion Ratio Lower Upper

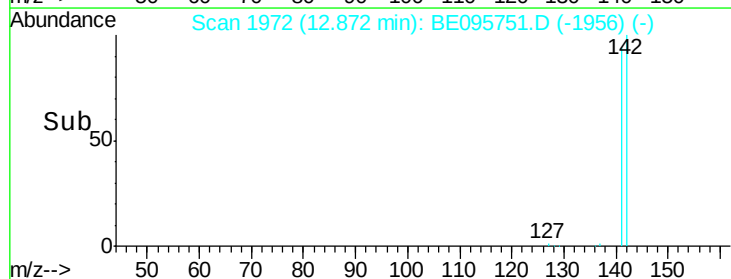
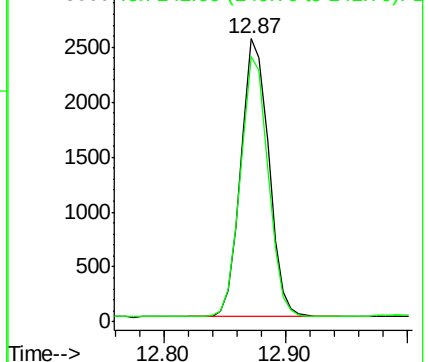
142 100

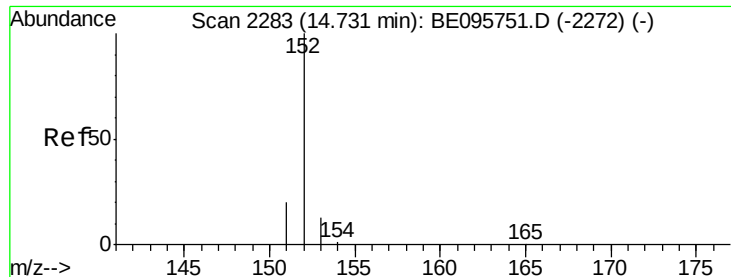
141 93.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.418 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

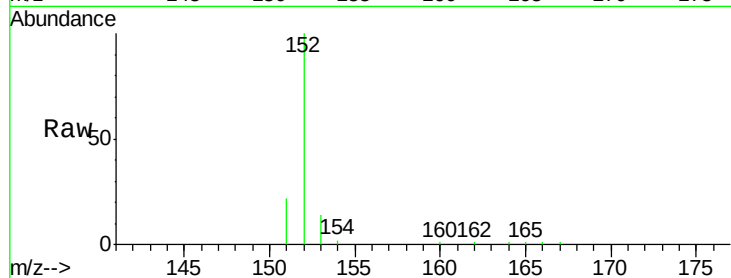
Tot Ion:152 Resp: 5824

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

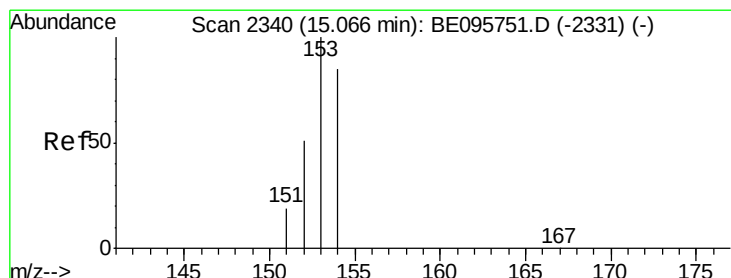
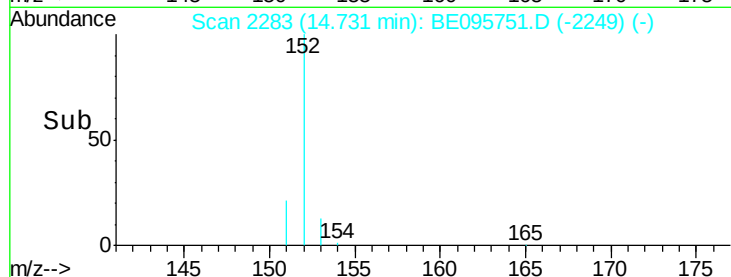
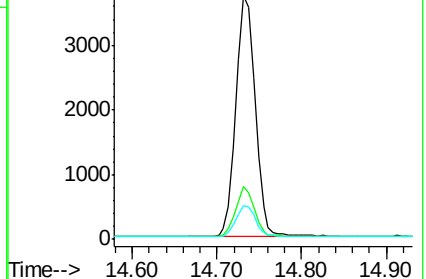
153 13.8 12.8 19.2



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: 0.404 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

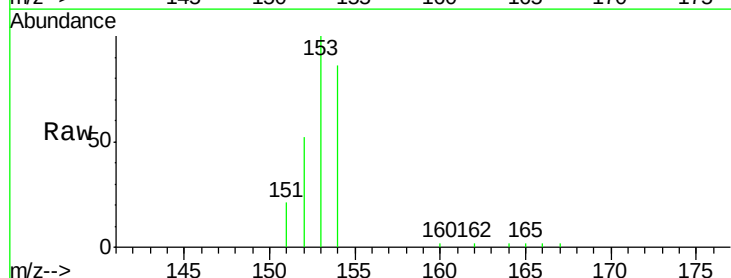
Tgt Ion:153 Resp: 4362

Ion Ratio Lower Upper

153 100

152 51.7 36.0 54.0

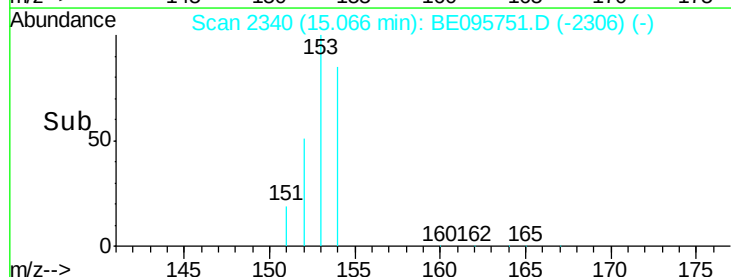
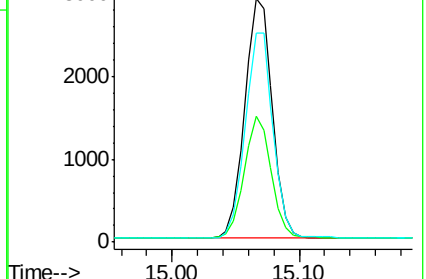
154 85.6 72.0 108.0

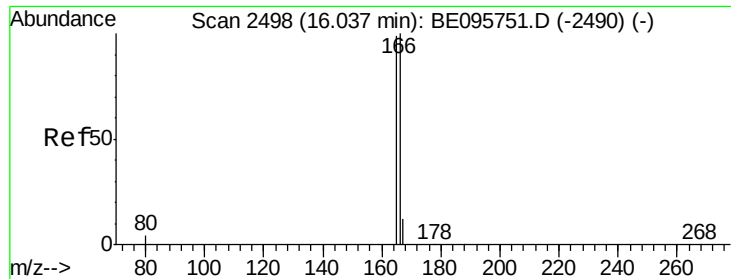


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.427 ng/ul

RT: 16.04 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

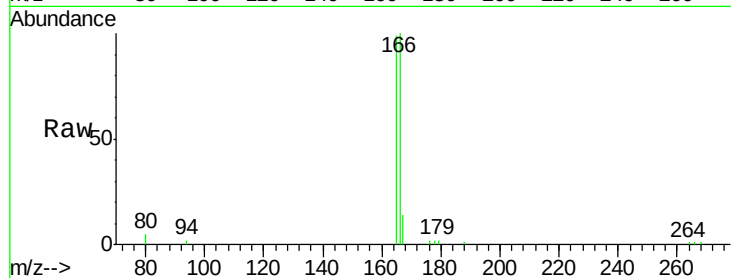
Tot Ion:166 Resp: 4755

Ion Ratio Lower Upper

166 100

165 99.0 73.4 110.2

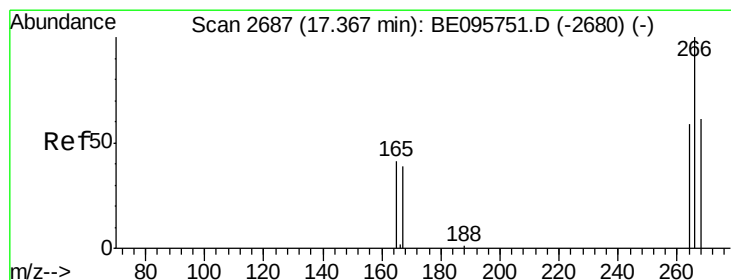
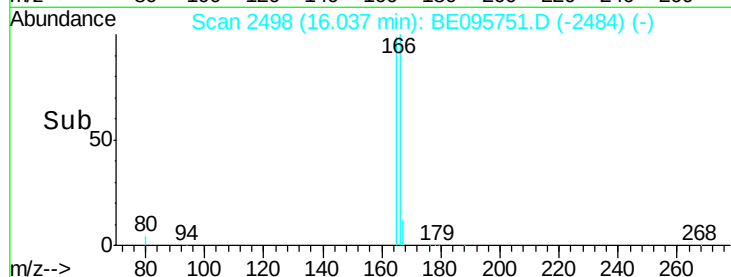
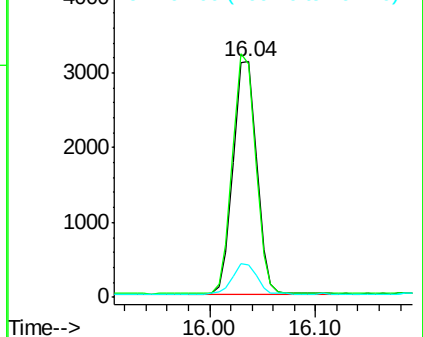
167 13.7 14.6 22.0#



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: 0.227 ng/ul

RT: 17.37 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

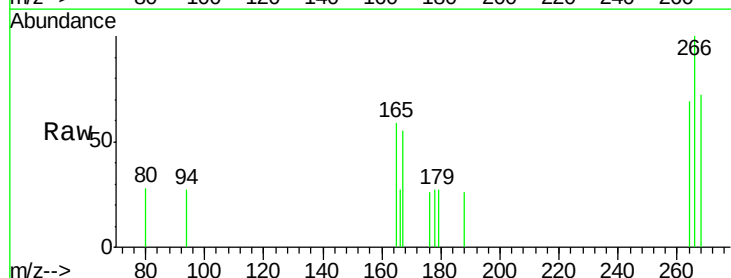
Tgt Ion:266 Resp: 285

Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

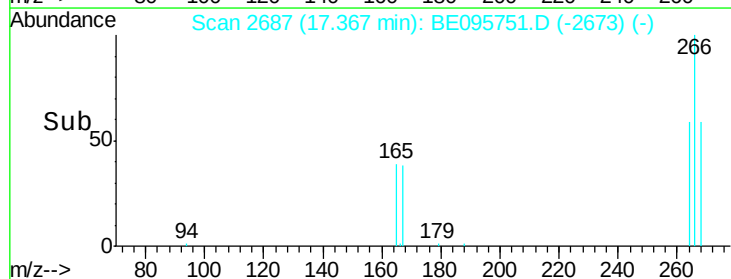
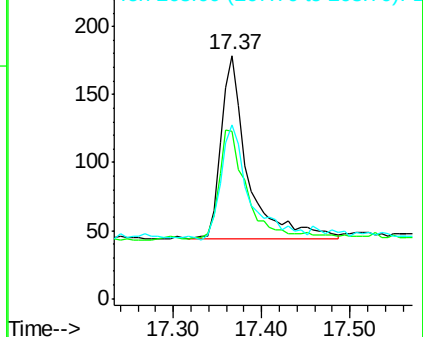
268 68.4 49.8 74.8

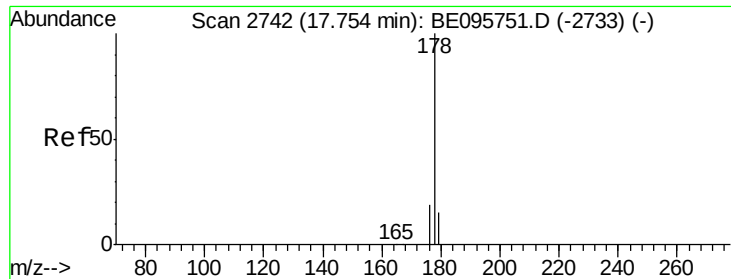


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.359 ng/ul

RT: 17.75 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

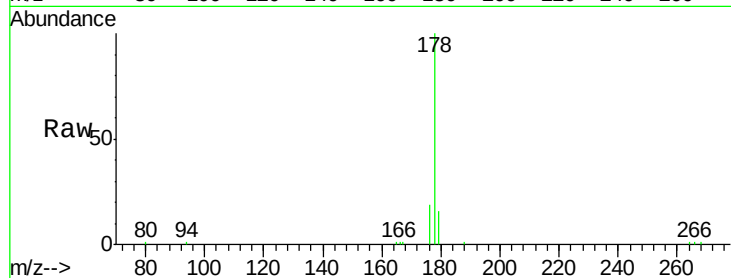
Tot Ion:178 Resp: 7835

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

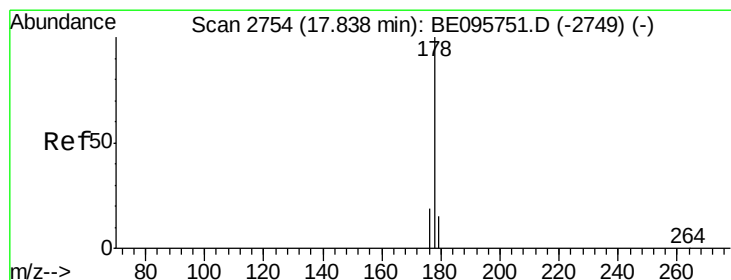
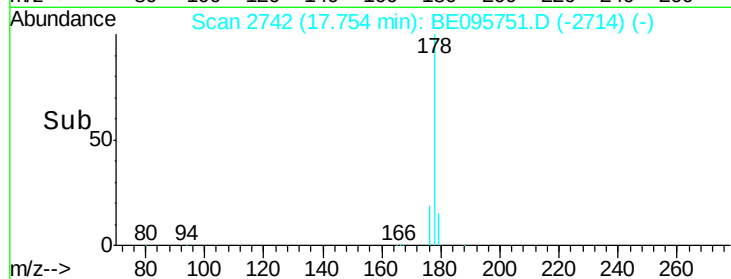
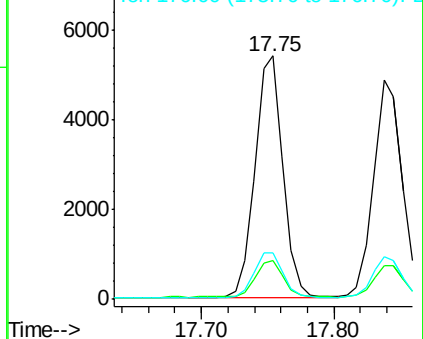
176 19.2 13.6 20.4



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: 0.366 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

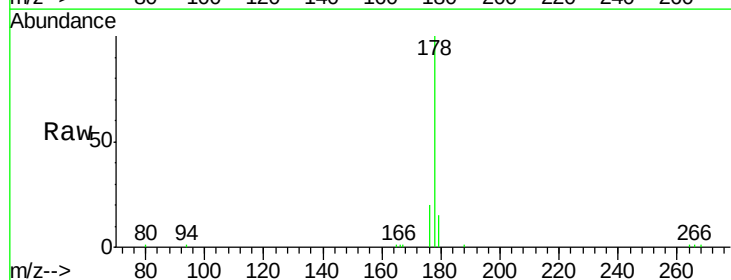
Tgt Ion:178 Resp: 7319

Ion Ratio Lower Upper

178 100

179 15.5 18.1 27.1#

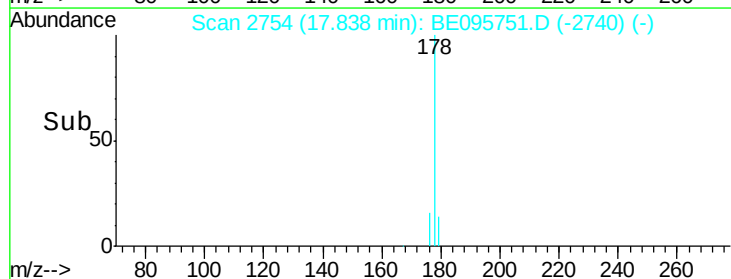
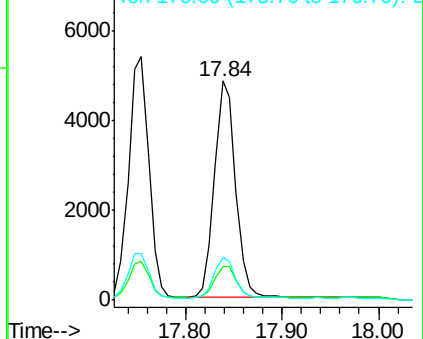
176 19.5 14.7 22.1

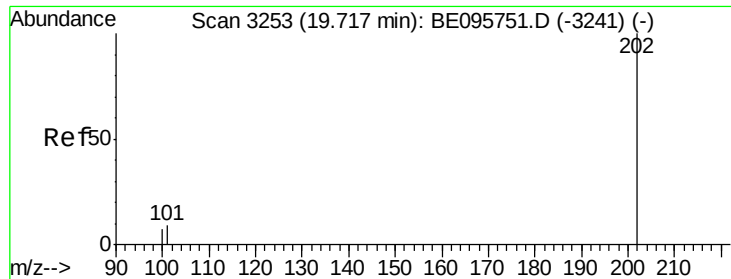


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.336 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

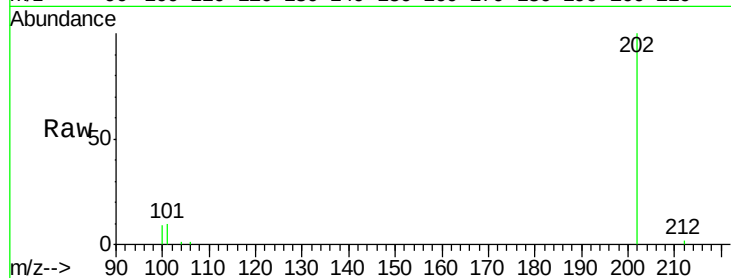
Tot Ion:202 Resp: 9503

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.3

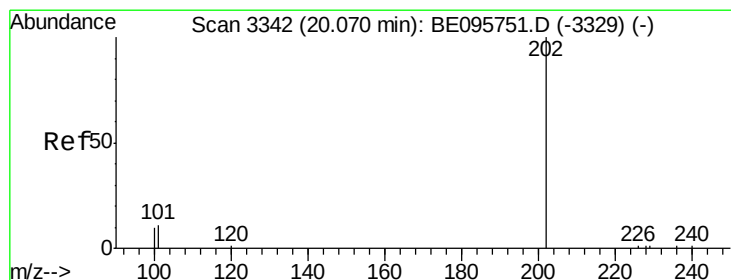
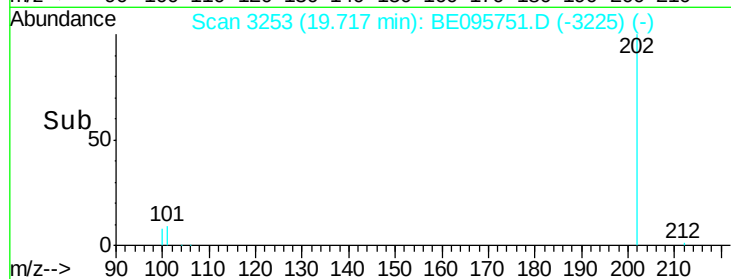
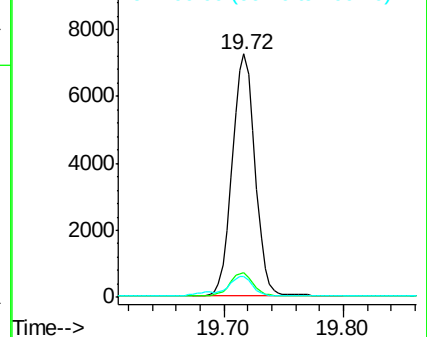
100 8.6 0.0 39.5



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: 0.456 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

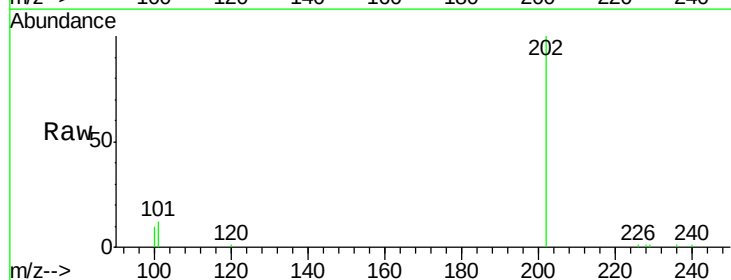
Tgt Ion:202 Resp: 9924

Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

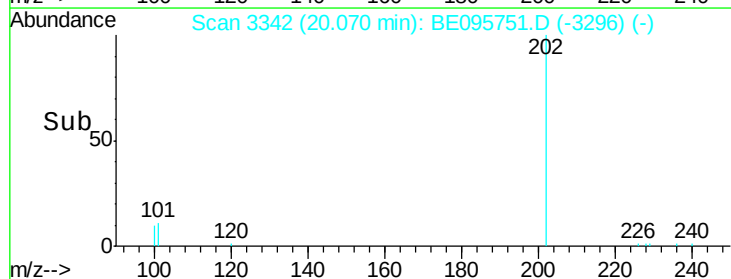
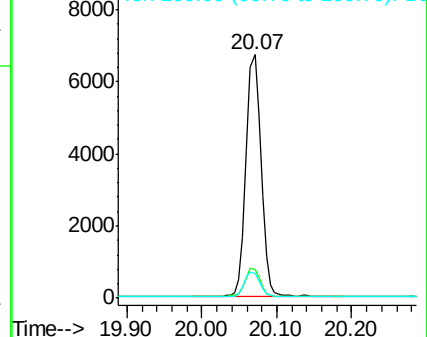
100 10.4 15.6 23.4#

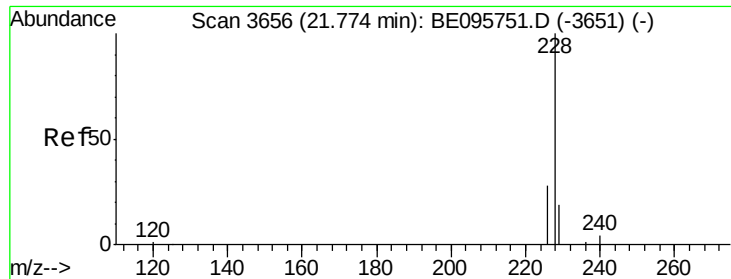


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.417 ng/ul

RT: 21.77 min Scan# 3656

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

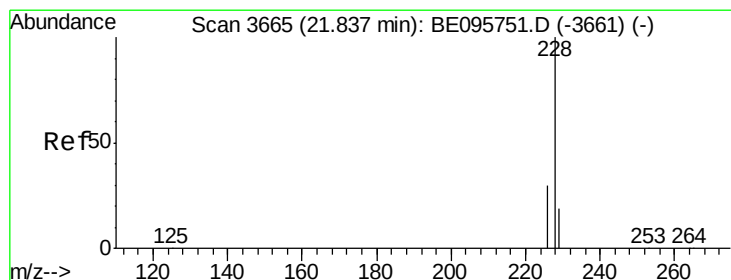
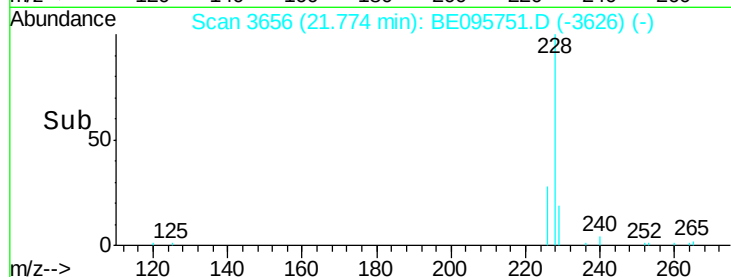
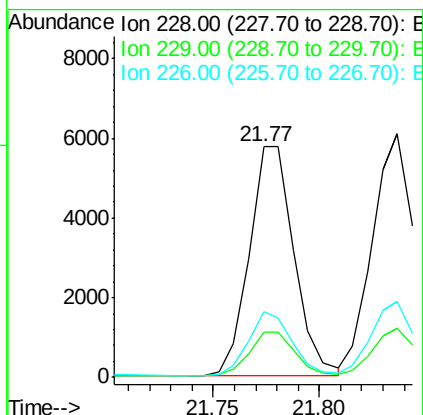
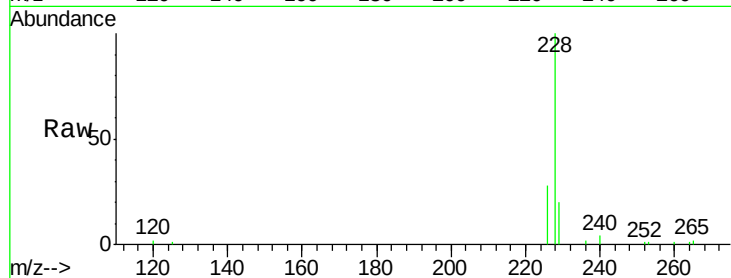
Tot Ion:228 Resp: 8452

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

226 28.3 17.0 25.6#



#19

Chrysene

Concen: 0.411 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

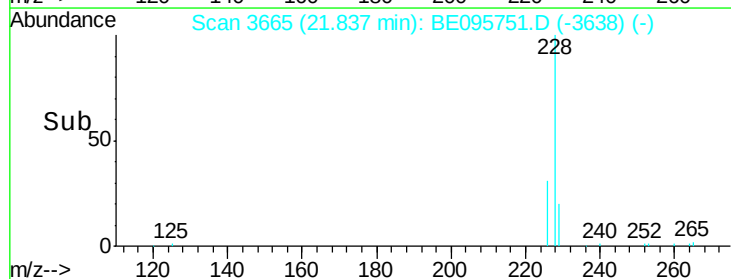
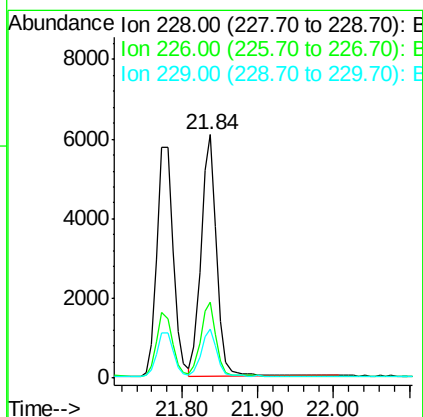
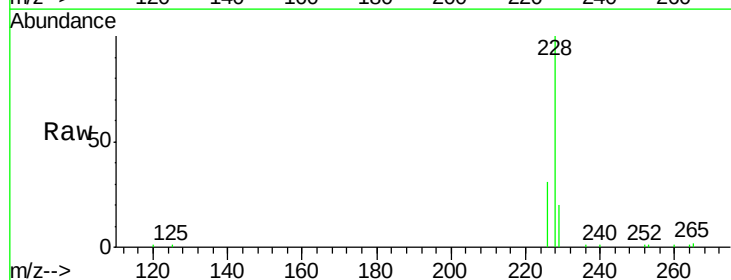
Tgt Ion:228 Resp: 8654

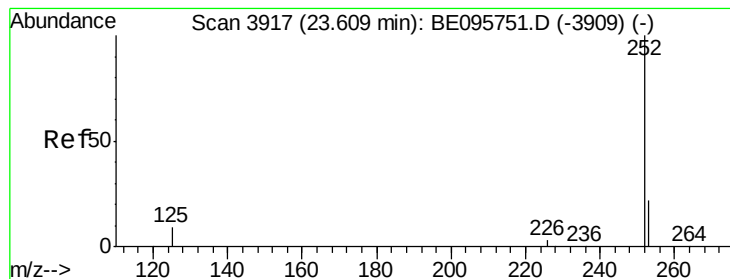
Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

229 20.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.393 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

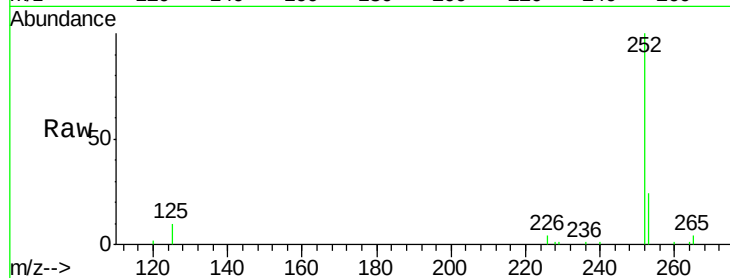
Tot Ion:252 Resp: 8169

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

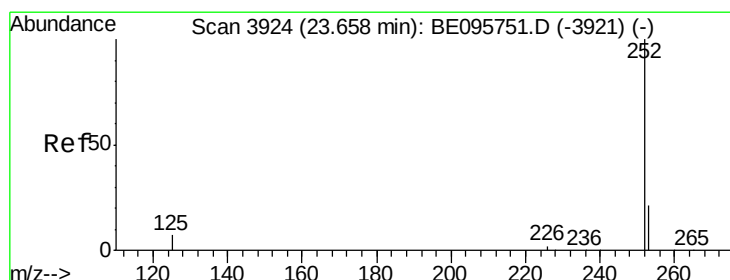
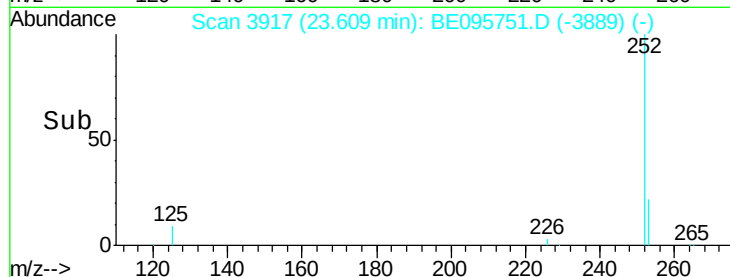
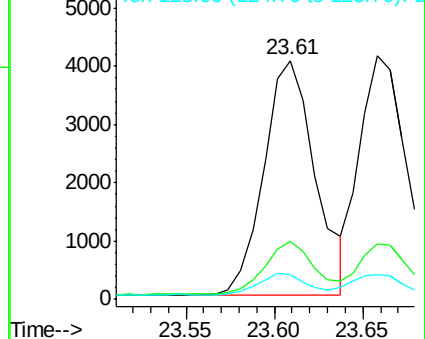
125 10.4 0.0 35.0



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: 0.409 ng/ul

RT: 23.66 min Scan# 3924

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

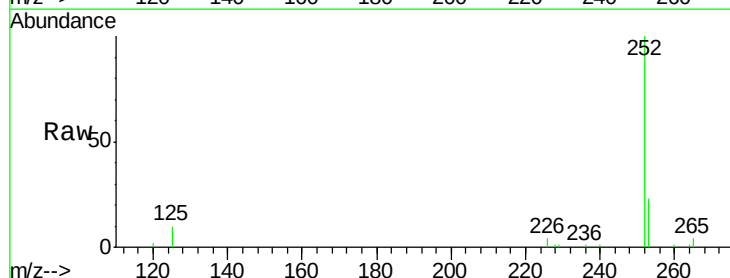
Tgt Ion:252 Resp: 7793

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

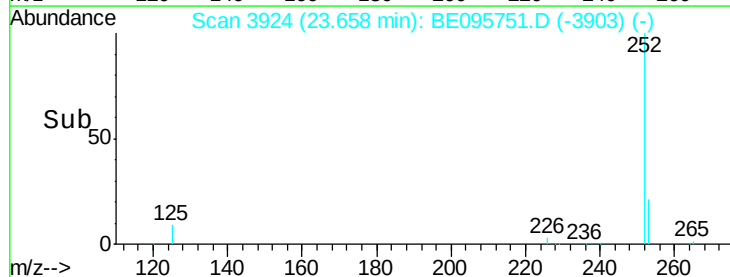
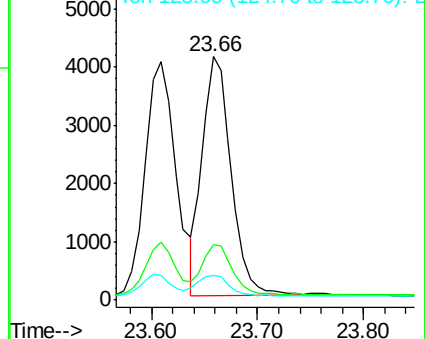
125 10.2 13.7 20.5#

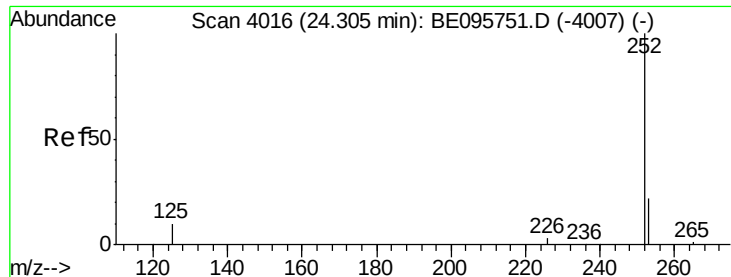


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 24.31 min Scan# 4016

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

Instrument :

BNA_E

ClientSampleId :

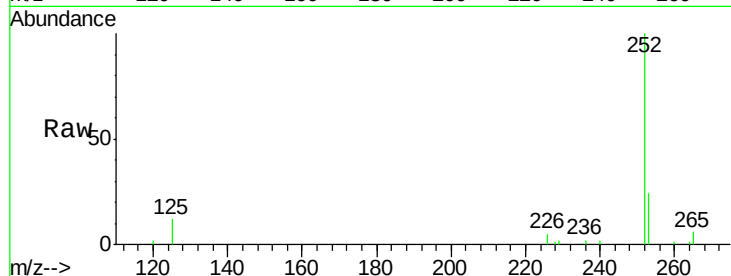
Tot Ion:252 Resp: 7414

Ion Ratio Lower Upper

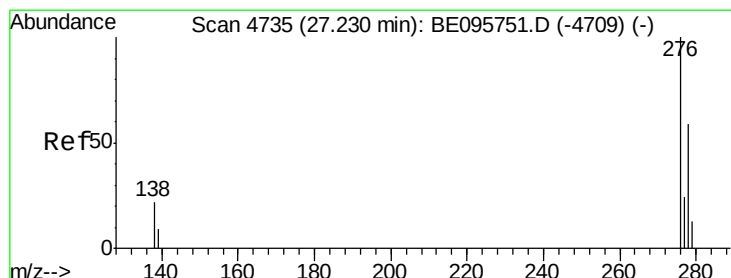
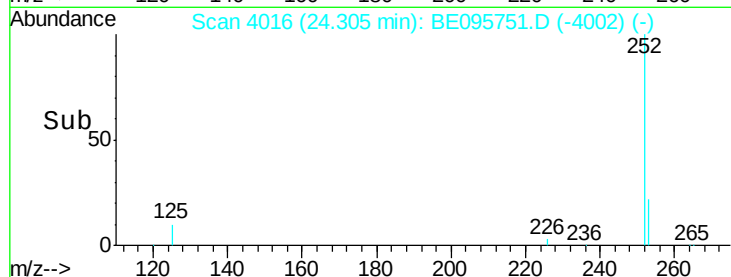
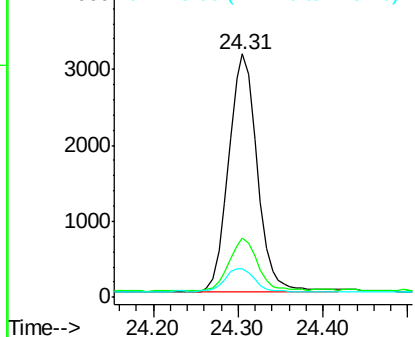
252 100

253 24.4 28.5 42.7#

125 11.9 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: 0.404 ng/ul

RT: 27.23 min Scan# 4735

Delta R.T. 0.00 min

Lab File: BE095751.D

Acq: 13 Mar 2018 15:48

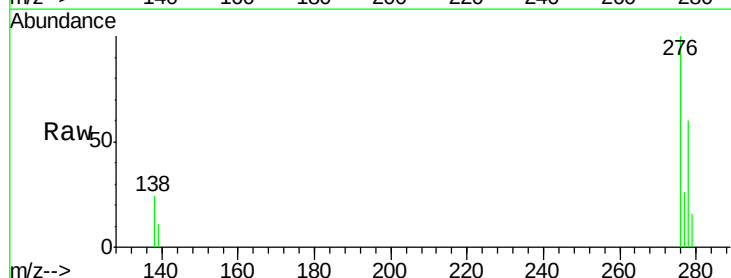
Tgt Ion:276 Resp: 8226

Ion Ratio Lower Upper

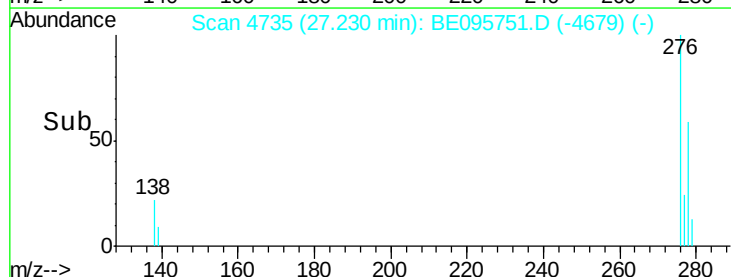
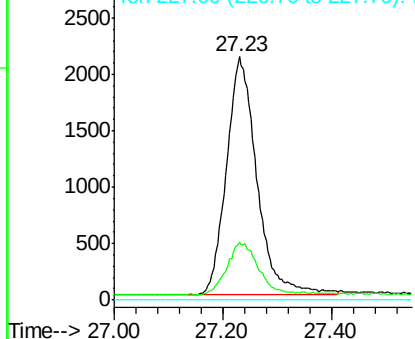
276 100

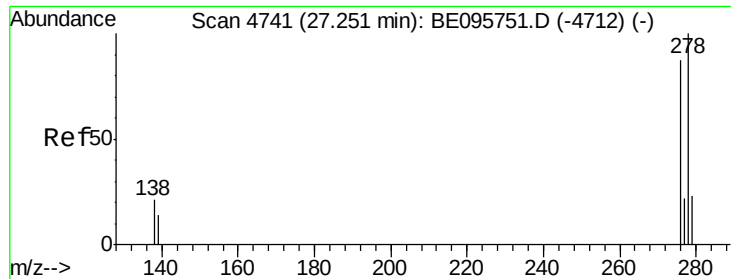
138 22.5 28.0 42.0#

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



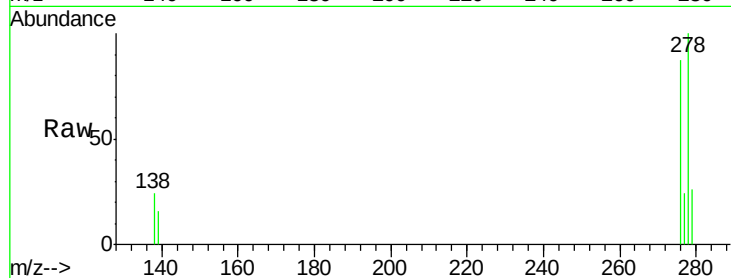


#25
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 27.25 min Scan# 4741
Delta R.T. 0.00 min
Lab File: BE095751.D
Acq: 13 Mar 2018 15:48

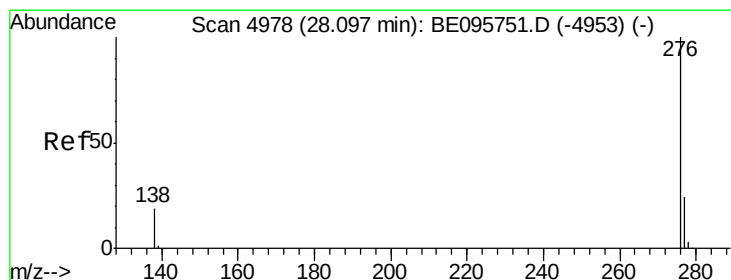
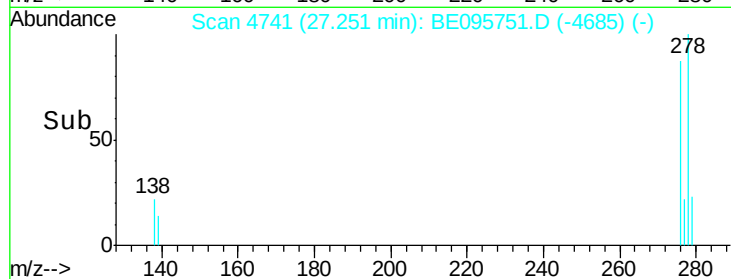
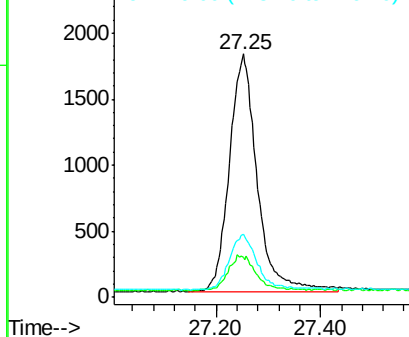
Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6611

Ion	Ratio	Lower	Upper
278	100		
139	16.2	17.4	26.0#
279	25.8	25.9	38.9#



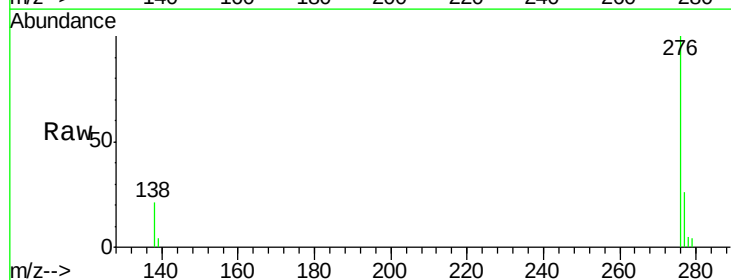
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 28.10 min Scan# 4978
Delta R.T. 0.00 min
Lab File: BE095751.D
Acq: 13 Mar 2018 15:48

Tgt Ion:276 Resp: 7133

Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	26.0	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

