

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095424.D
 Acq On : 3 Feb 2018 7:17
 Operator : SJ/JU
 Sample : J1295-15DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 05 01:12:04 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 05:26:35 2018
 Response via : Initial Calibration

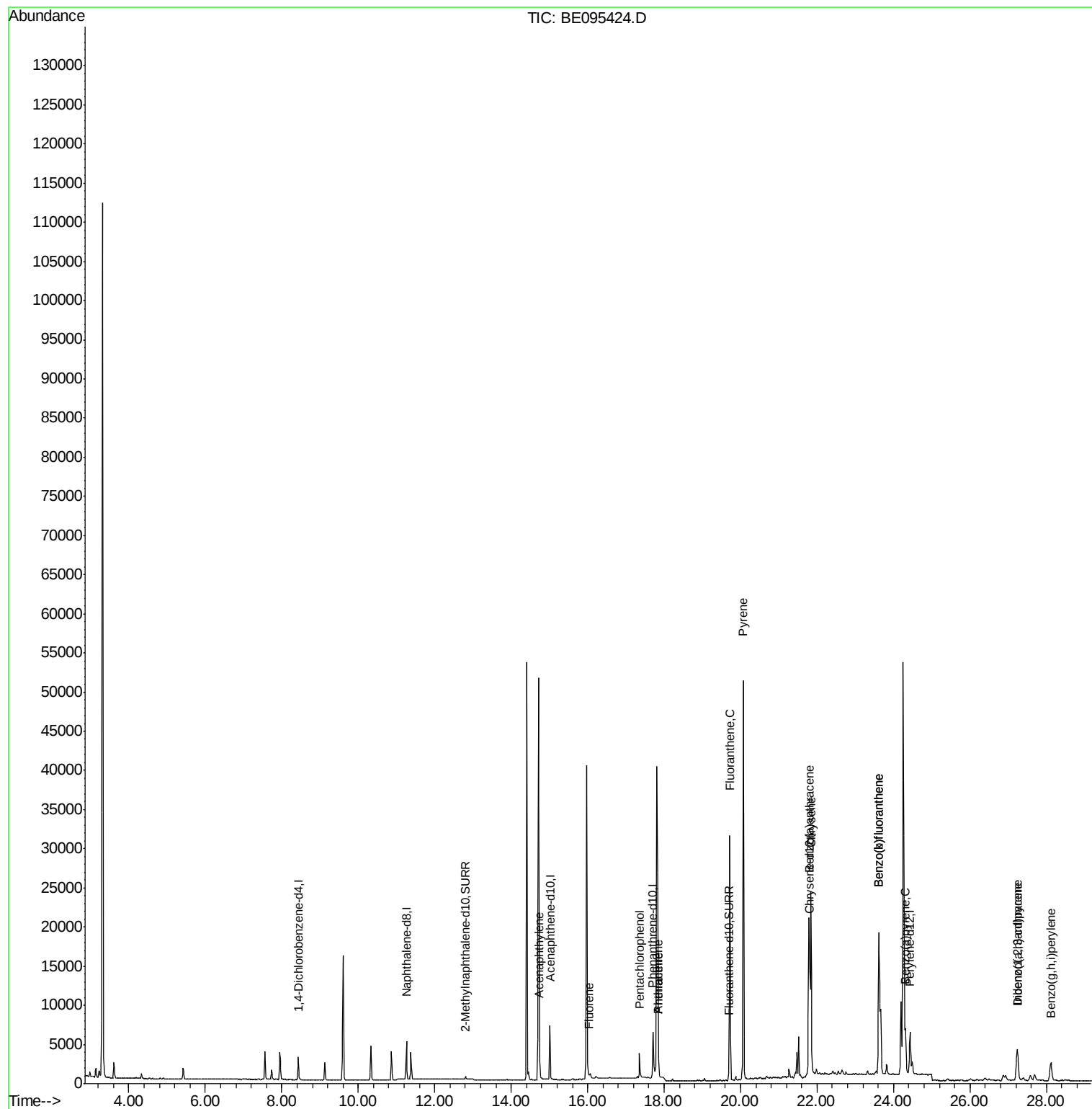
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2154	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6461	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3917	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8576	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8831	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8725	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	447	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1167	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	3478	0.184	ng/ul	99
9) Fluorene	16.02	166	622	0.041	ng/ul#	74
11) Pentachlorophenol	17.36	266	2208	1.329	ng/ul	97
12) Phenanthrene	17.84	178	2587	0.090	ng/ul	93
13) Anthracene	17.84	178	2647	0.100	ng/ul	94
15) Fluoranthene	19.72	202	34669	0.928	ng/ul	84
17) Pyrene	20.07	202	56306	1.900	ng/ul#	80
18) Benzo(a)anthracene	21.78	228	25895	0.938	ng/ul#	83
19) Chrysene	21.84	228	26510	0.925	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	45721	1.485	ng/ul	83
22) Benzo(k)fluoranthene	23.62	252	45721	1.624	ng/ul#	85
23) Benzo(a)pyrene	24.31	252	8295	0.302	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.24	276	8440	0.280	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.25	278	2074	0.084	ng/ul#	94
26) Benzo(g,h,i)perylene	28.11	276	6044	0.237	ng/ul	96

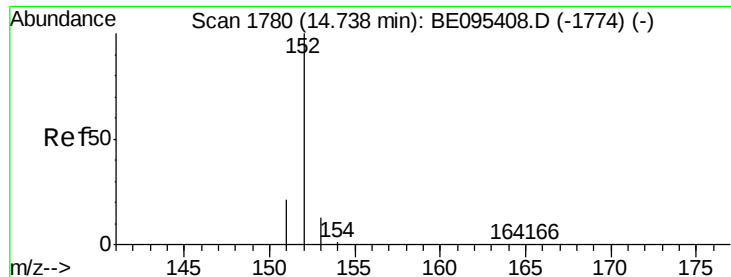
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 03 05:26:35 2018
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#7

Acenaphthylene

Concen: 0.184 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

Instrument :

BNA_E

ClientSampleId :

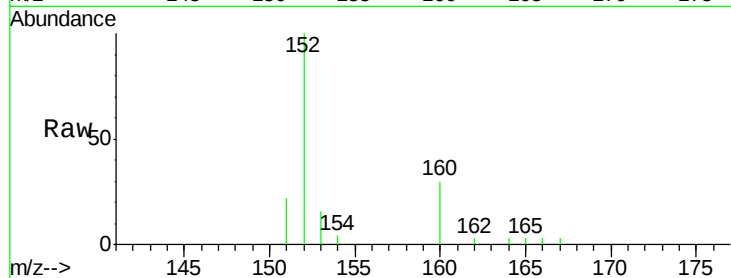
Tot Ion:152 Resp: 3478

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

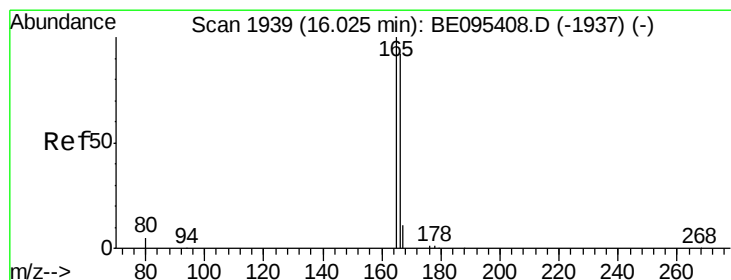
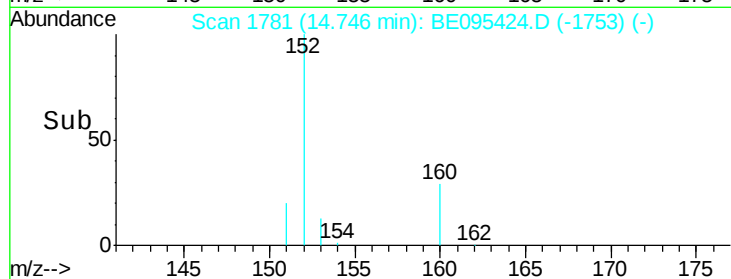
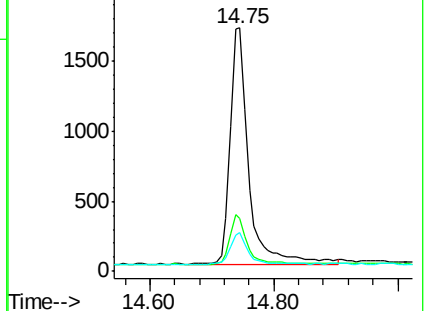
153 15.7 12.8 19.2



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



#9

Fluorene

Concen: 0.041 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

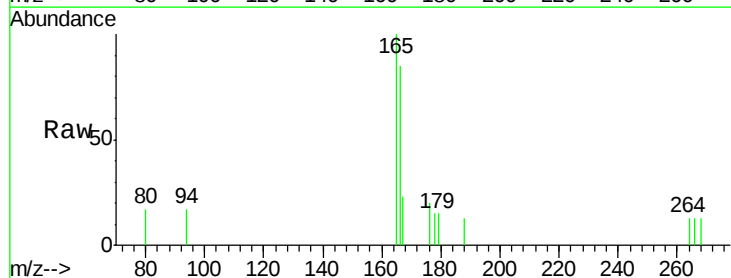
Tgt Ion:166 Resp: 622

Ion Ratio Lower Upper

166 100

165 118.2 73.4 110.2#

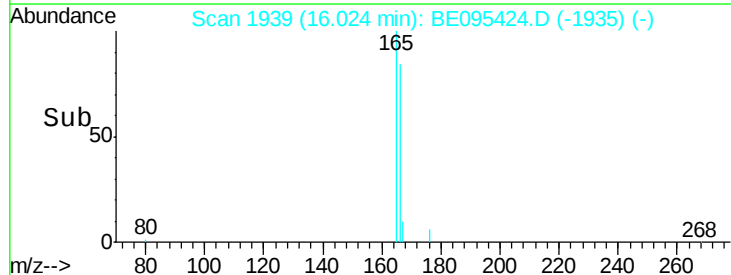
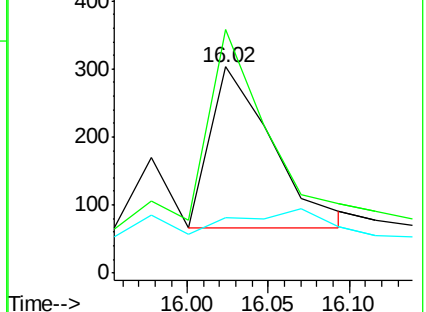
167 26.7 14.6 22.0#

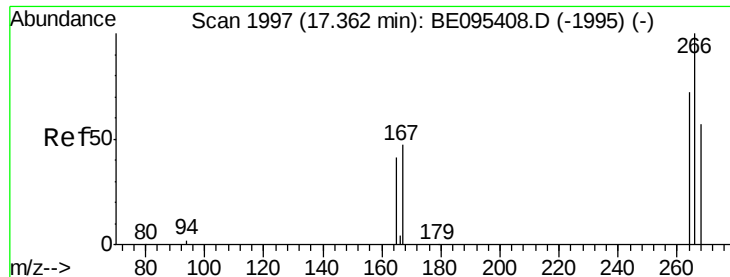


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

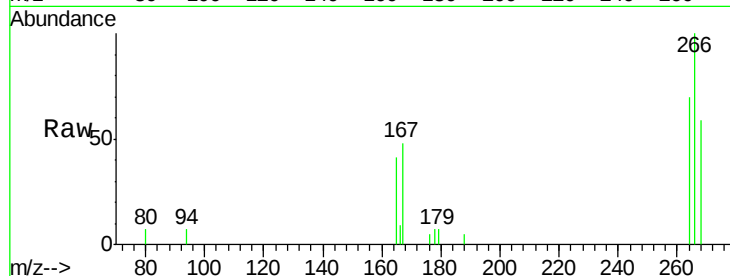




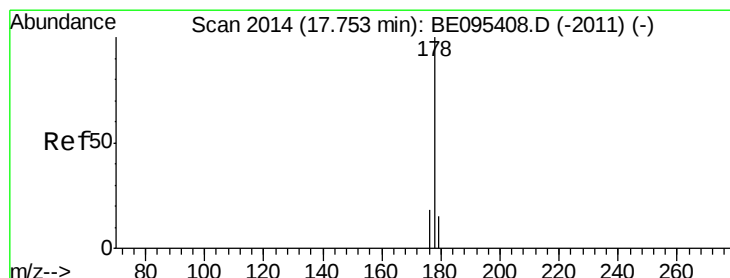
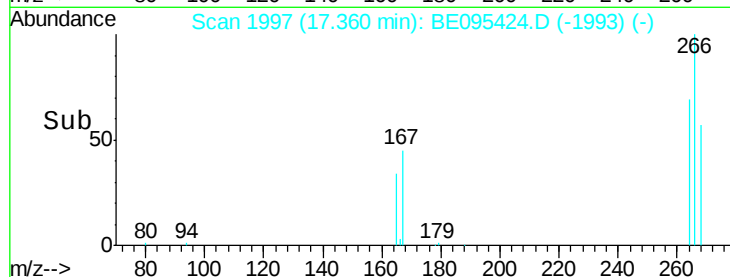
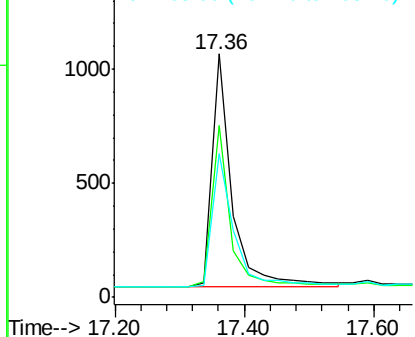
#11
 Pentachlorophenol
 Concen: 1.329 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095424.D
 Acq: 3 Feb 2018 7:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 2208
 Ion Ratio Lower Upper
 266 100
 264 64.4 47.9 71.9
 268 62.3 49.8 74.8

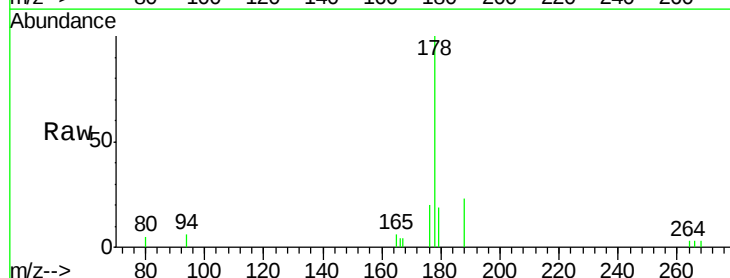


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

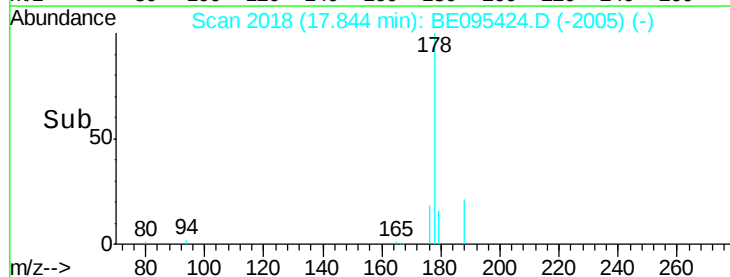
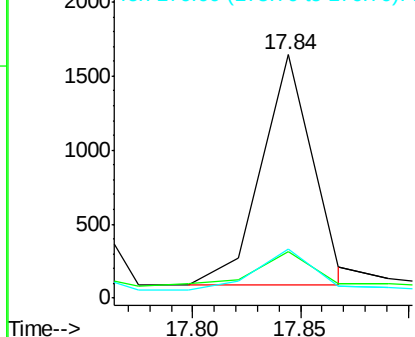


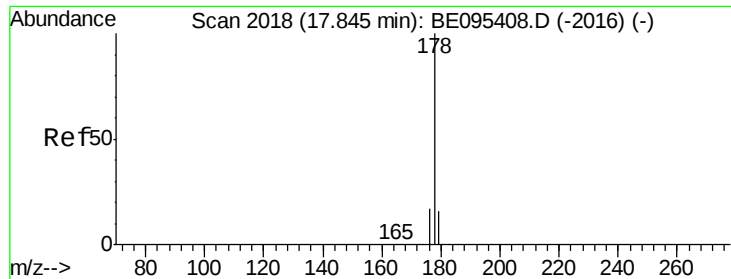
#12
 Phenanthrene
 Concen: 0.090 ng/ul
 RT: 17.84 min Scan# 2018
 Delta R.T. 0.09 min
 Lab File: BE095424.D
 Acq: 3 Feb 2018 7:17

Tgt Ion:178 Resp: 2587
 Ion Ratio Lower Upper
 178 100
 179 19.3 18.4 27.6
 176 20.1 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: 0.100 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

Instrument :

BNA_E

ClientSampleId :

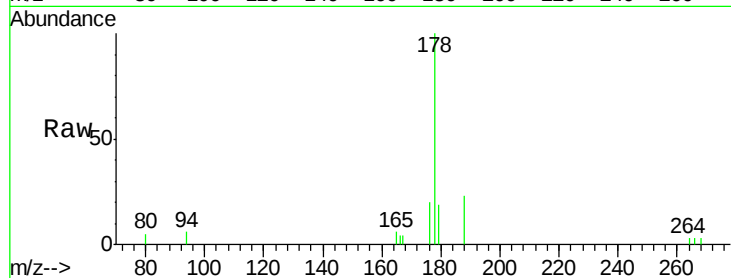
Tot Ion:178 Resp: 2647

Ion Ratio Lower Upper

178 100

179 19.3 18.1 27.1

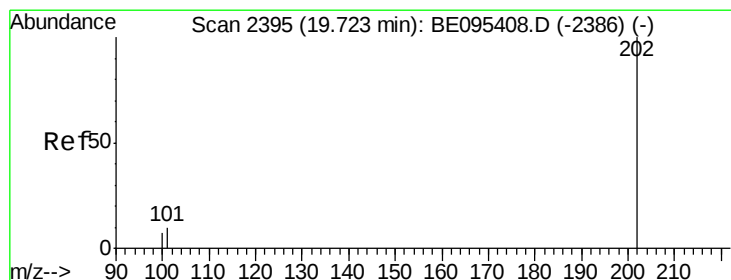
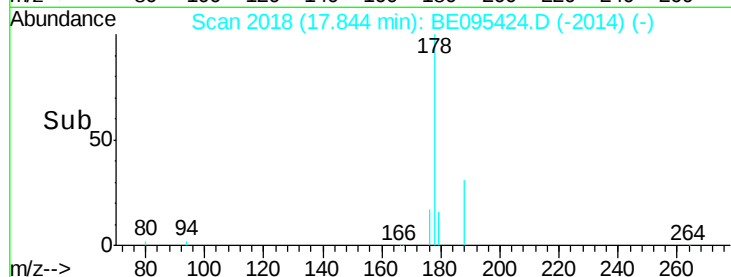
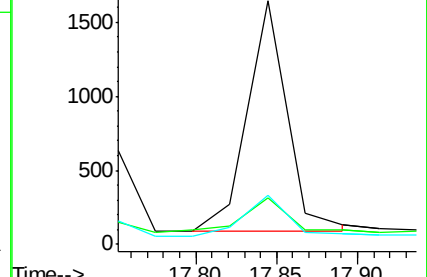
176 20.1 14.7 22.1



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: 0.928 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

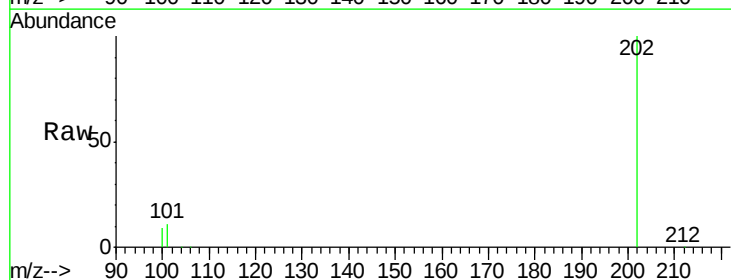
Tgt Ion:202 Resp: 34669

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

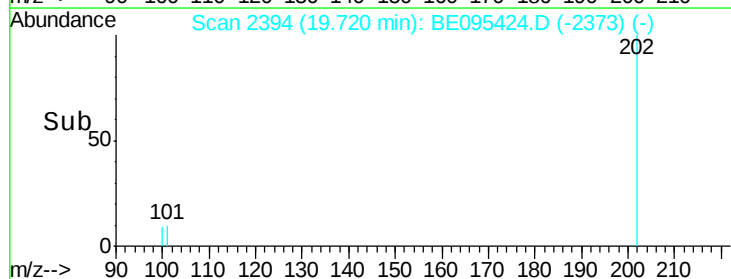
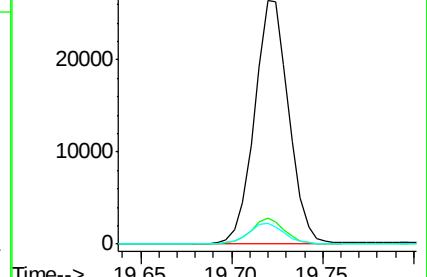
100 8.8 0.0 39.5

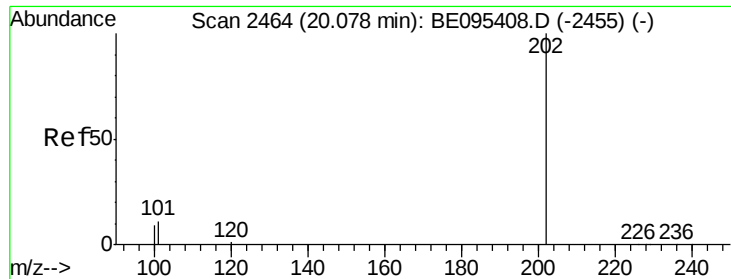


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.900 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

Instrument :

BNA_E

ClientSampled :

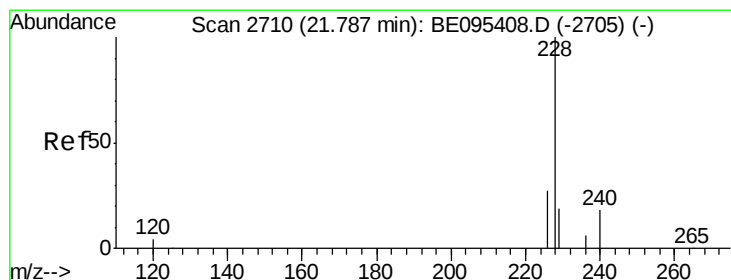
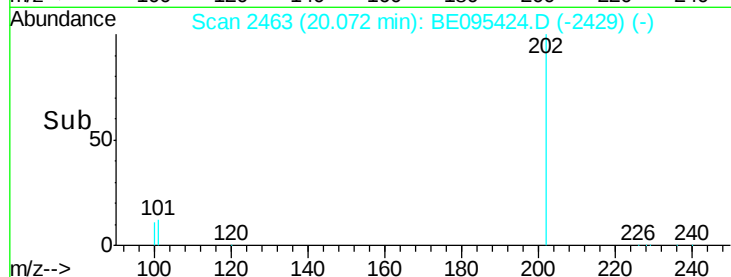
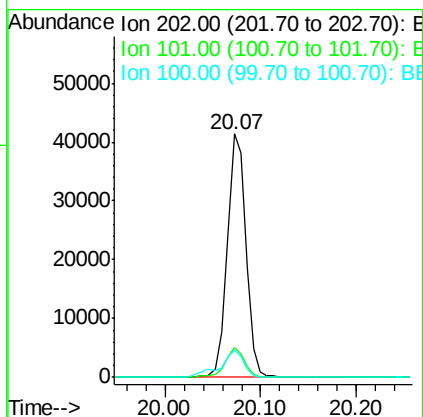
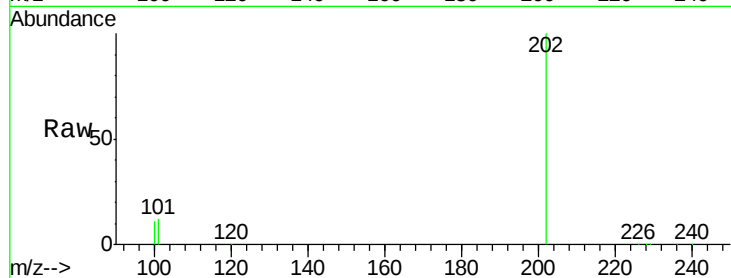
Tot Ion:202 Resp: 56306

Ion Ratio Lower Upper

202 100

101 12.2 18.2 27.4#

100 11.0 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.938 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

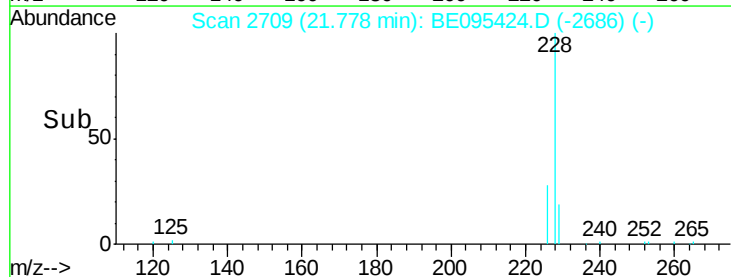
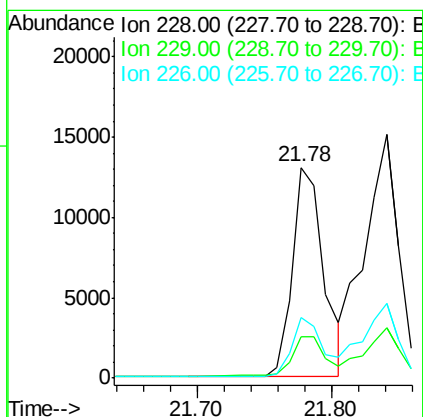
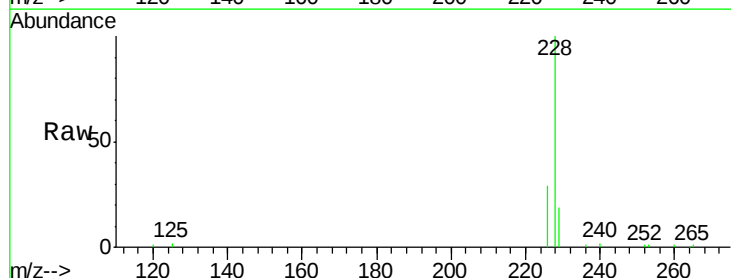
Tgt Ion:228 Resp: 25895

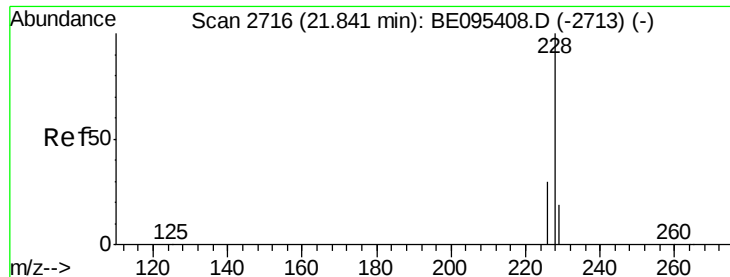
Ion Ratio Lower Upper

228 100

229 19.5 22.8 34.2#

226 28.9 17.0 25.6#





#19

Chrysene

Concen: 0.925 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

Instrument :

BNA_E

ClientSampleId :

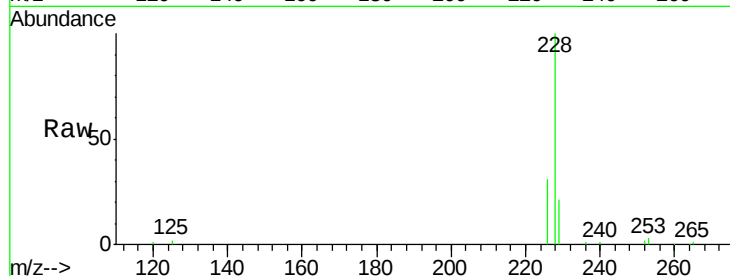
Tot Ion:228 Resp: 26510

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

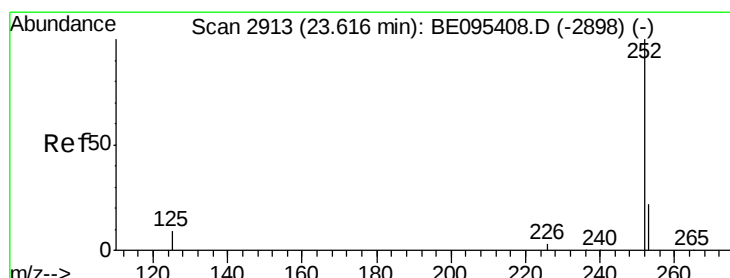
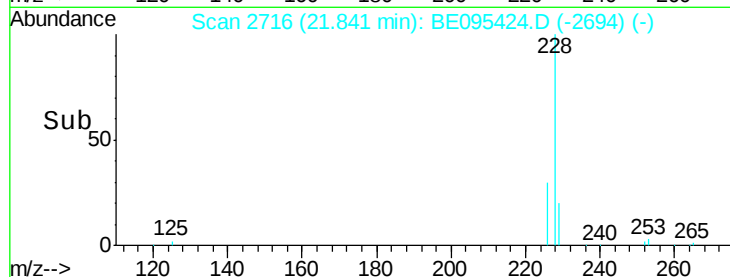
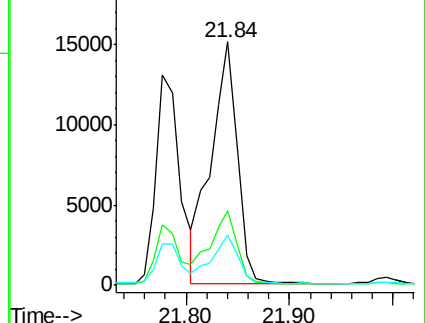
229 20.8 17.7 26.5



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: 1.485 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

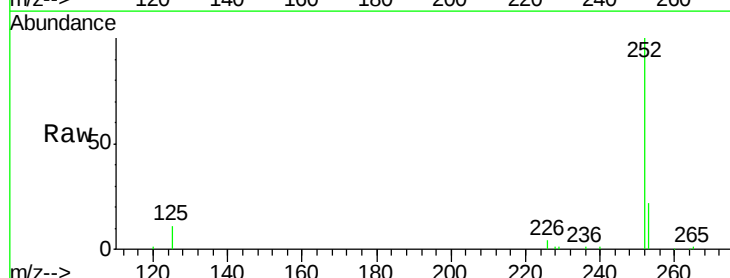
Tgt Ion:252 Resp: 45721

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

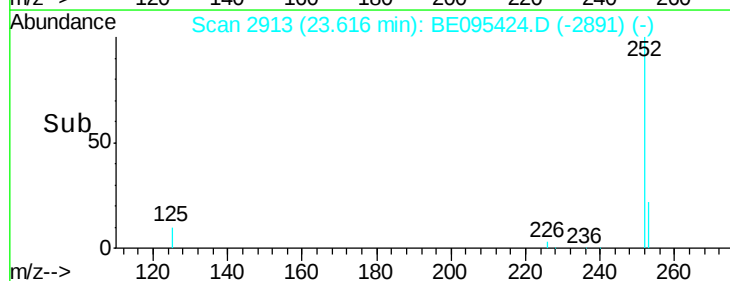
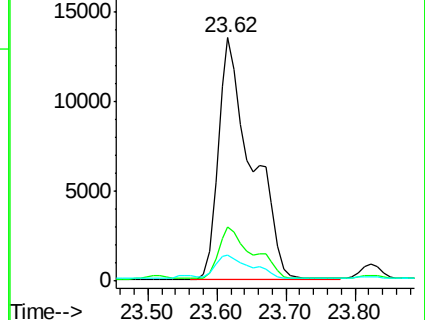
125 10.8 0.0 35.0

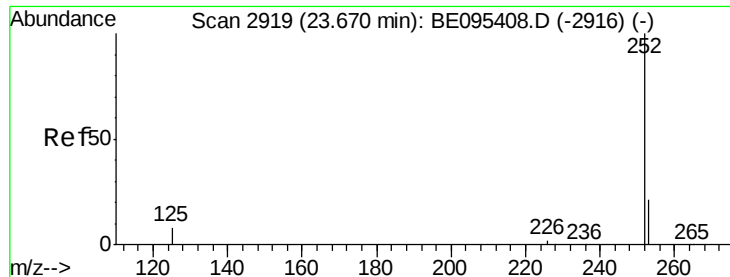


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

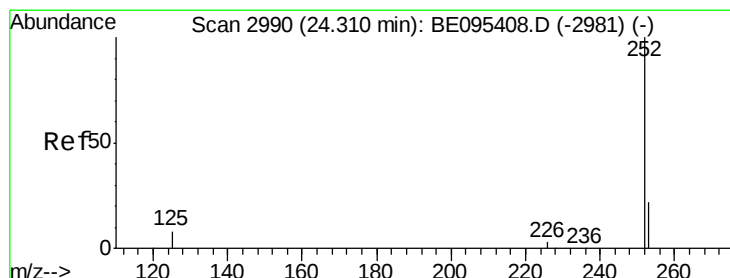
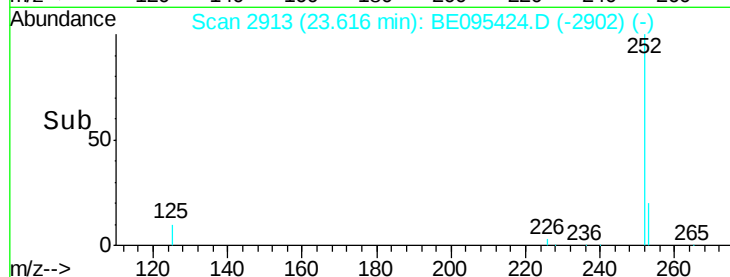
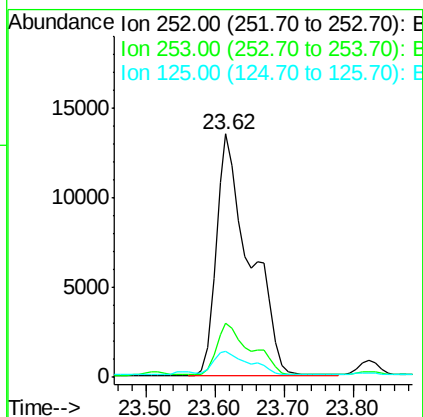
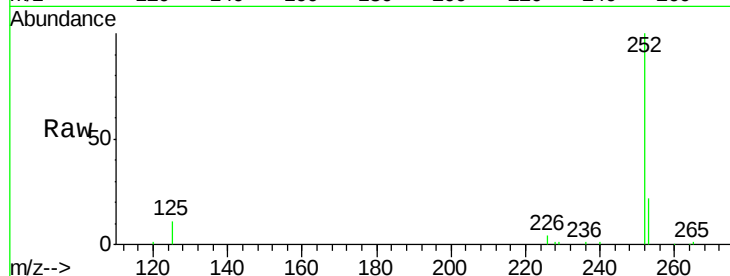




#22
Benzo(k)fluoranthene
Concen: 1.624 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. -0.05 min
Lab File: BE095424.D
Acq: 3 Feb 2018 7:17

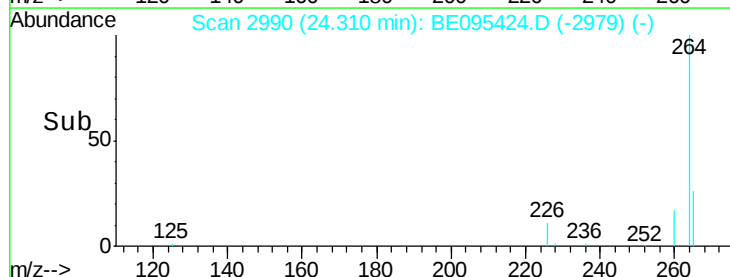
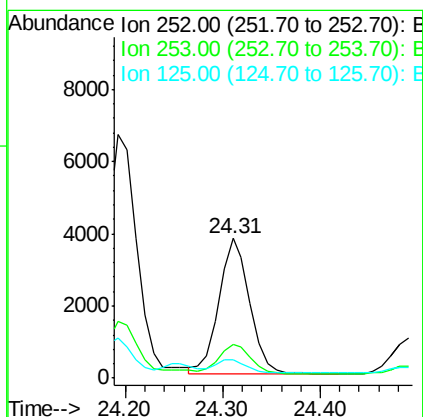
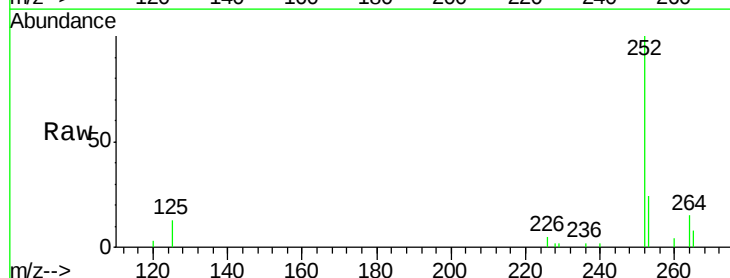
Instrument :
BNA_E
ClientSampleId :

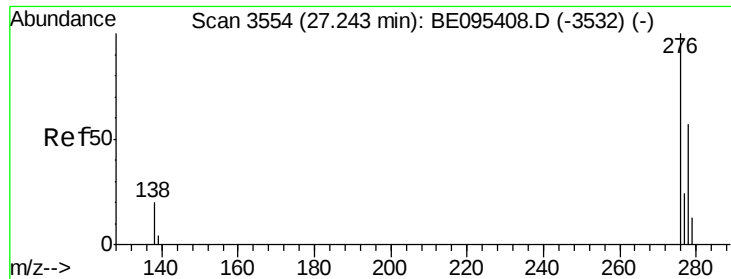
Tot Ion:252 Resp: 45721
Ion Ratio Lower Upper
252 100
253 22.4 24.5 36.7#
125 10.8 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 24.31 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE095424.D
Acq: 3 Feb 2018 7:17

Tgt Ion:252 Resp: 8295
Ion Ratio Lower Upper
252 100
253 24.0 28.5 42.7#
125 13.4 18.1 27.1#



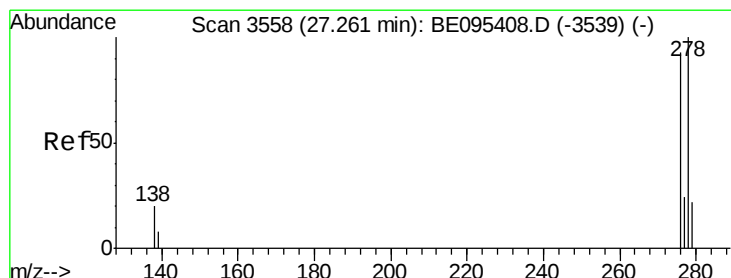
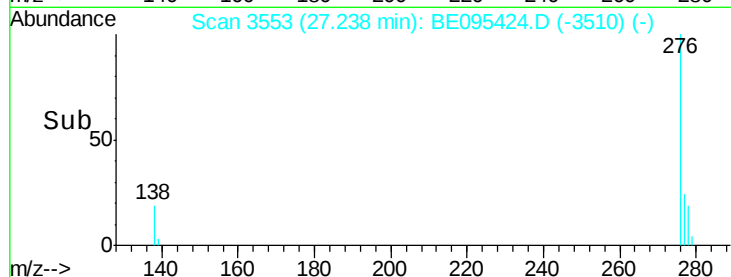
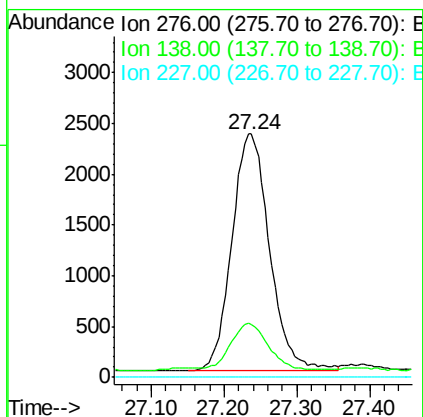
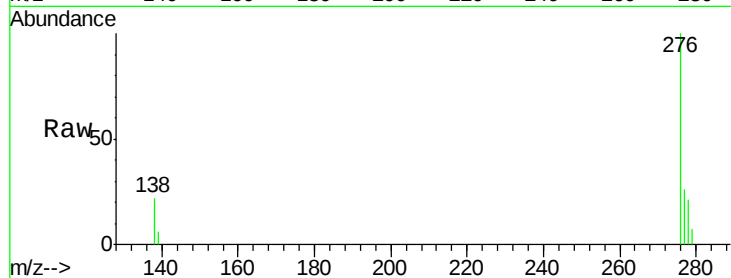


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 27.24 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BE095424.D
Acq: 3 Feb 2018 7:17

Instrument :
BNA_E
ClientSampleId :

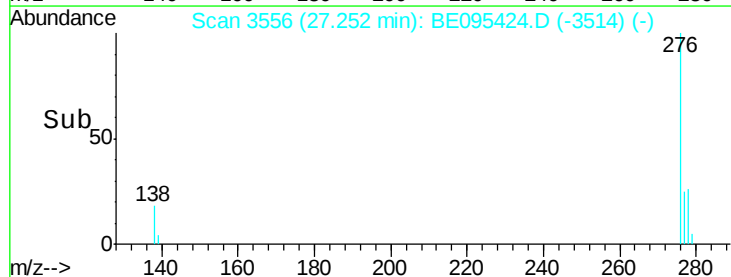
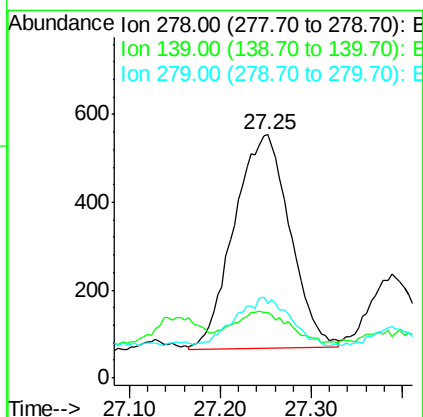
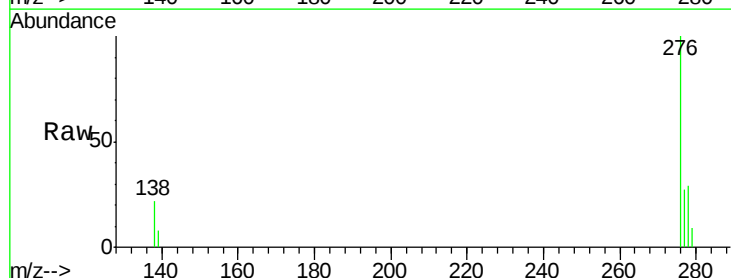
Tot Ion:276 Resp: 8440
Ion Ratio Lower Upper
276 100
138 20.0 28.0 42.0#
227 0.0 8.0 12.0#

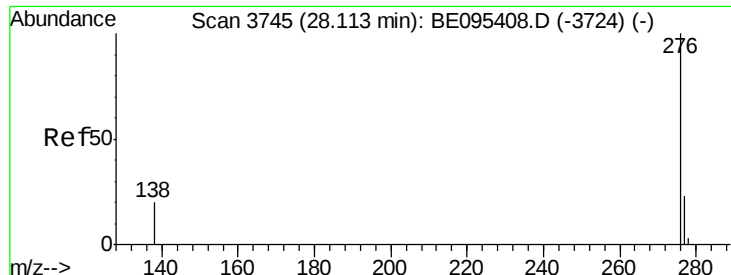


#25

Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 27.25 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE095424.D
Acq: 3 Feb 2018 7:17

Tgt Ion:278 Resp: 2074
Ion Ratio Lower Upper
278 100
139 26.7 17.4 26.0#
279 30.7 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.237 ng/ul

RT: 28.11 min Scan# 3745

Delta R.T. -0.00 min

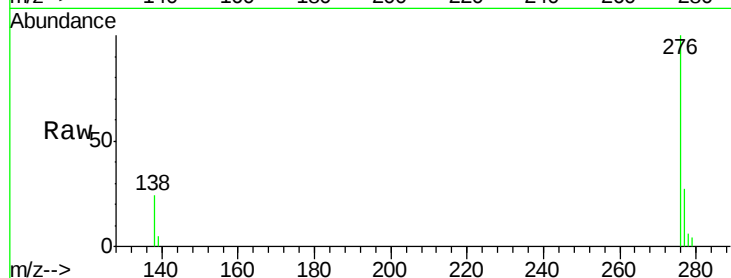
Lab File: BE095424.D

Acq: 3 Feb 2018 7:17

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 6044

Ion Ratio Lower Upper

276 100

138 24.3 21.8 32.8

277 26.5 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

