

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095143.D
 Acq On : 27 Jan 2018 00:21
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 27 03:05:02 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 Jan 27 00:35:54 2018
 Response via : Initial Calibration

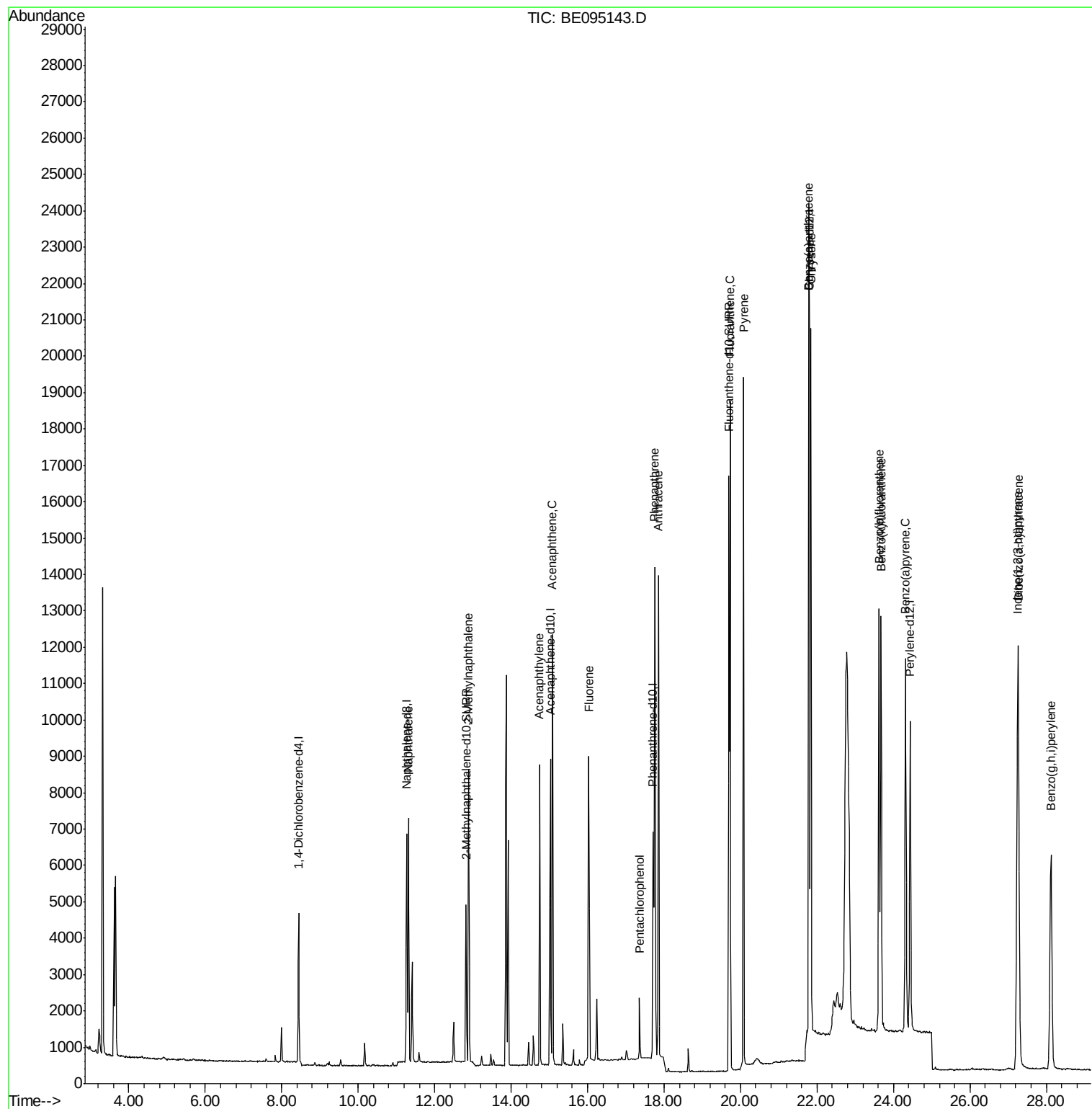
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2839	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	8440	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4796	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11206	0.40	ng/ul	-0.02
16) Chrysene-d12	21.80	240	14703	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	13205	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	5712	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17792	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	9421	0.399	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6421	0.407	ng/ul	100
7) Acenaphthylene	14.75	152	9559	0.414	ng/ul	96
8) Acenaphthene	15.08	153	7194	0.402	ng/ul	94
9) Fluorene	16.02	166	7739	0.419	ng/ul#	73
11) Pentachlorophenol	17.36	266	1018	0.469	ng/ul	96
12) Phenanthrene	17.75	178	15570	0.413	ng/ul#	87
13) Anthracene	17.85	178	15166	0.440	ng/ul#	91
15) Fluoranthene	19.73	202	20313	0.416	ng/ul	83
17) Pyrene	20.08	202	22385	0.454	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	19520	0.425	ng/ul#	84
19) Chrysene	21.84	228	19209	0.402	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	17569	0.377	ng/ul	83
22) Benzo(k)fluoranthene	23.68	252	17801	0.418	ng/ul#	86
23) Benzo(a)pyrene	24.32	252	16663	0.401	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.24	276	18139	0.398	ng/ul#	80
25) Dibenzo(a,h)anthracene	27.27	278	14765	0.396	ng/ul#	87
26) Benzo(g,h,i)perylene	28.12	276	15284	0.396	ng/ul	94

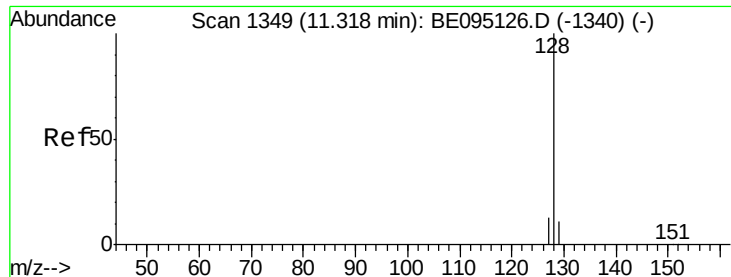
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :

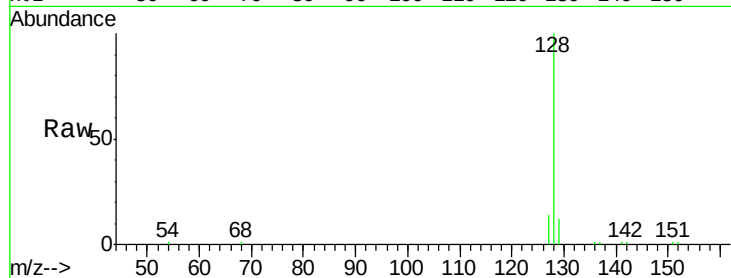
Tot Ion:128 Resp: 9421

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

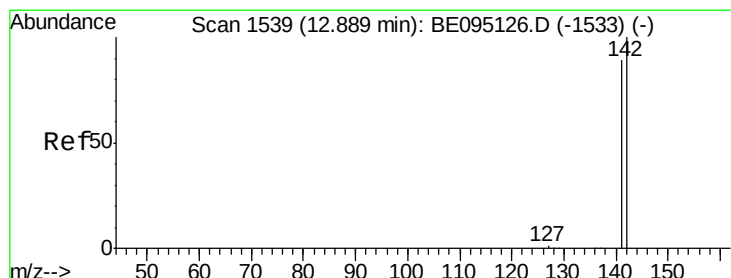
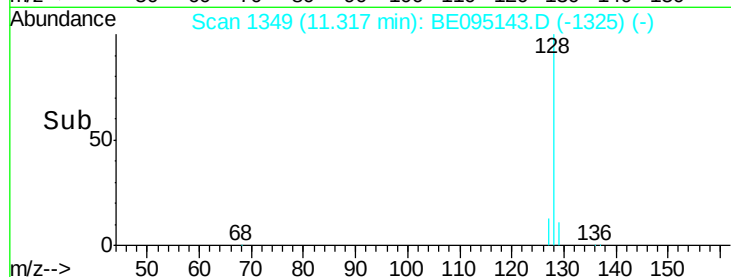
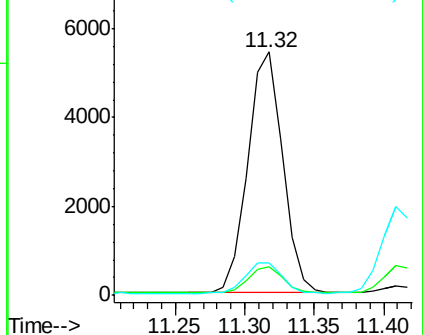
127 13.5 4.0 6.0#



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: 0.407 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095143.D

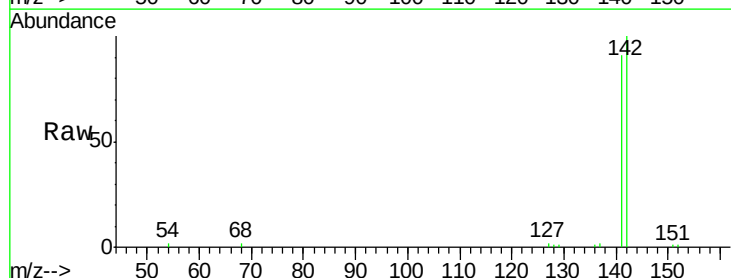
Acq: 27 Jan 2018 00:21

Tgt Ion:142 Resp: 6421

Ion Ratio Lower Upper

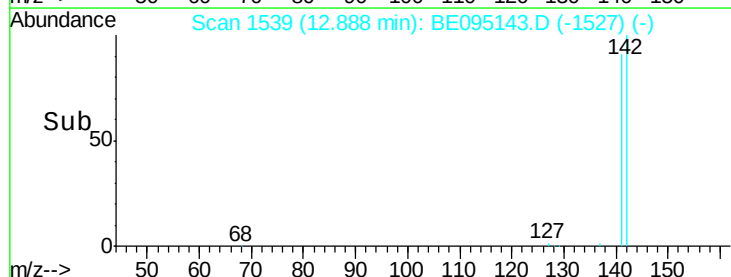
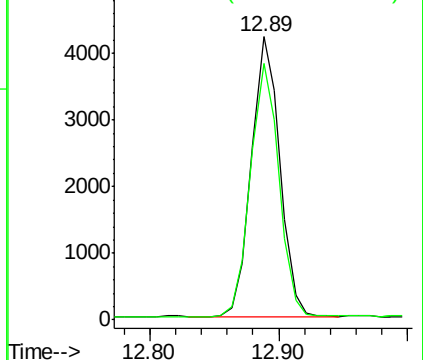
142 100

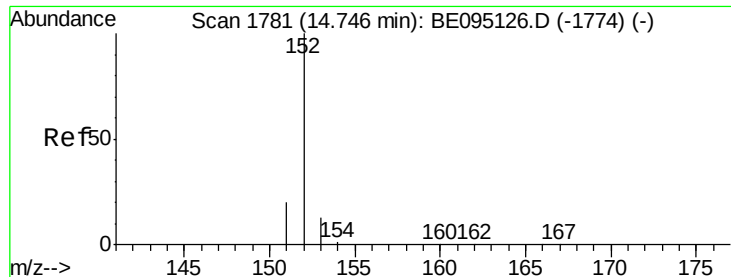
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.414 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :

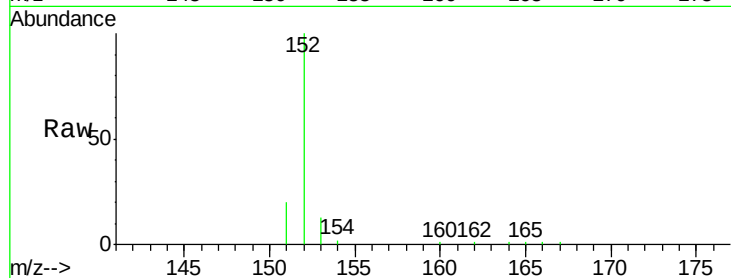
Tot Ion:152 Resp: 9559

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

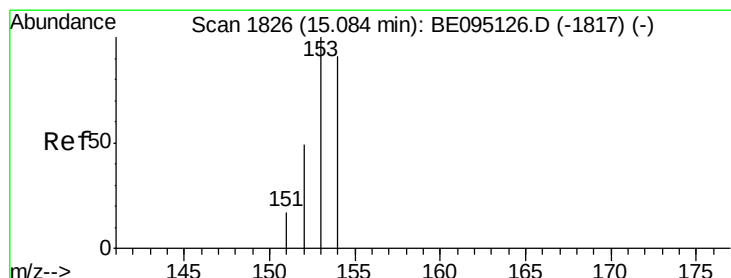
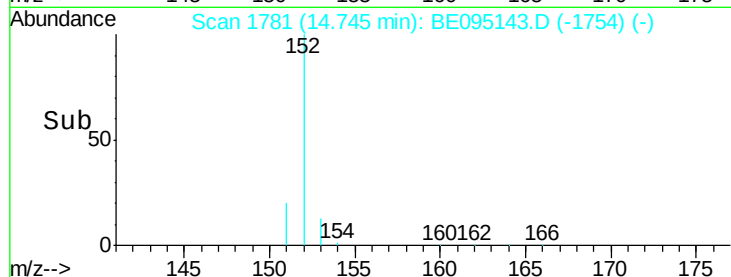
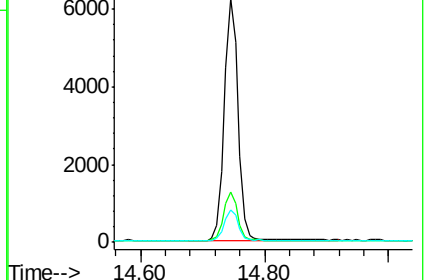
153 13.3 12.8 19.2



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: 0.402 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

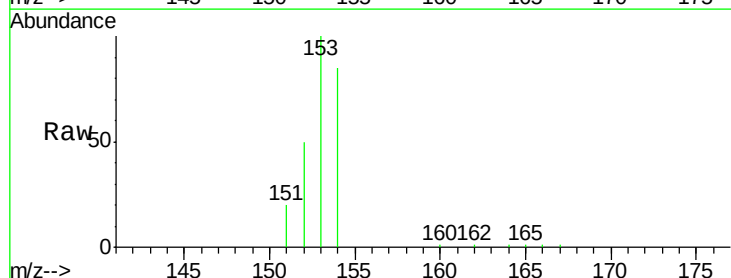
Tgt Ion:153 Resp: 7194

Ion Ratio Lower Upper

153 100

152 50.4 36.0 54.0

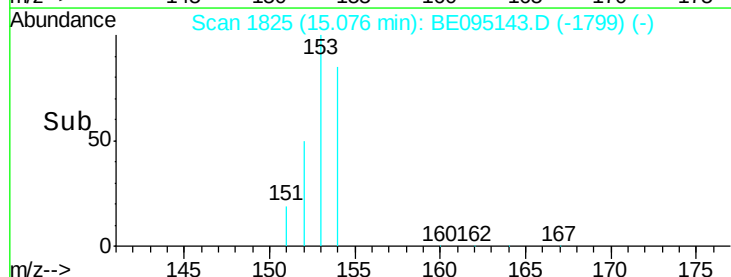
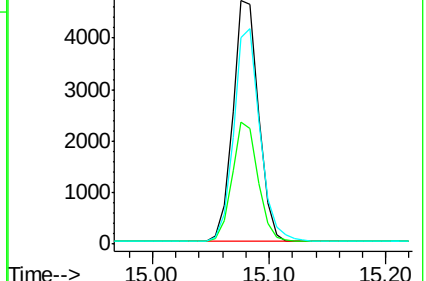
154 84.7 72.0 108.0

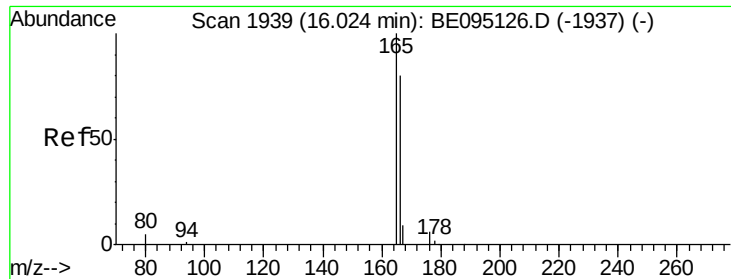


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.419 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :

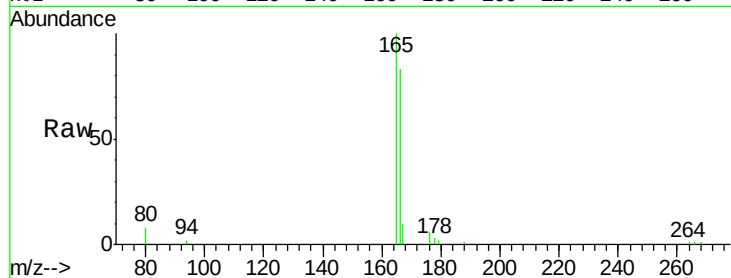
Tot Ion:166 Resp: 7739

Ion Ratio Lower Upper

166 100

165 119.8 73.4 110.2#

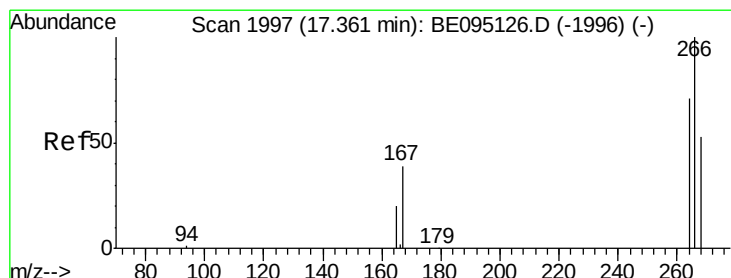
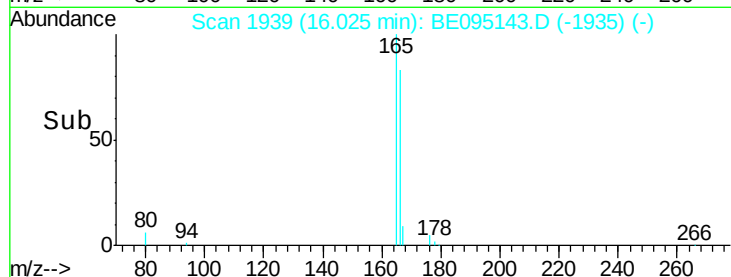
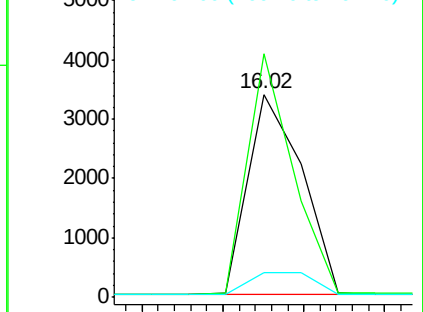
167 12.1 14.6 22.0#



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: 0.469 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

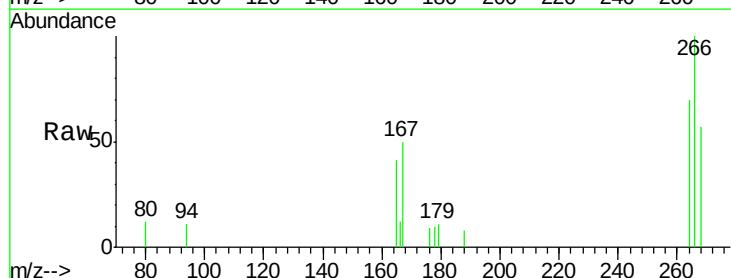
Tgt Ion:266 Resp: 1018

Ion Ratio Lower Upper

266 100

264 63.7 47.9 71.9

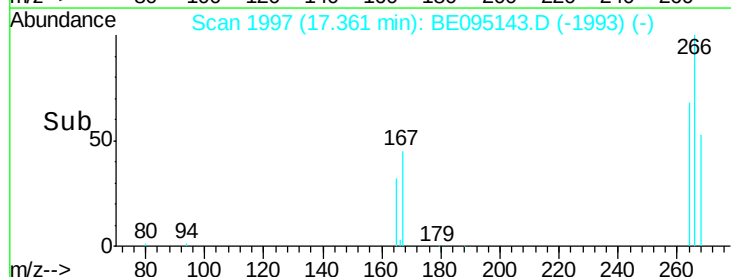
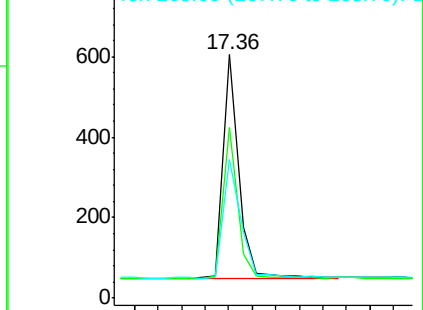
268 60.1 49.8 74.8

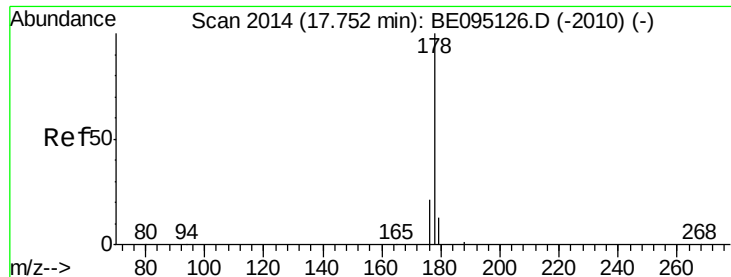


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :

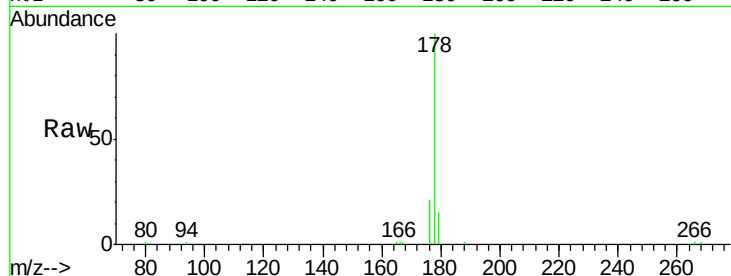
Tot Ion:178 Resp: 15570

Ion Ratio Lower Upper

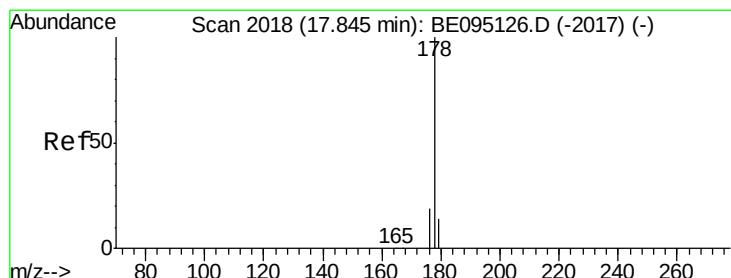
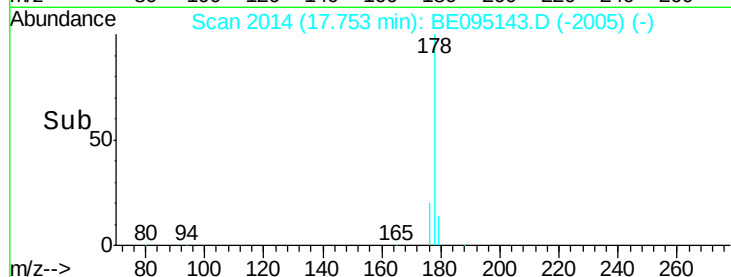
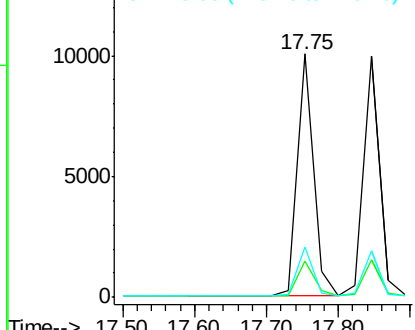
178 100

179 14.8 18.4 27.6#

176 20.6 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: 0.440 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

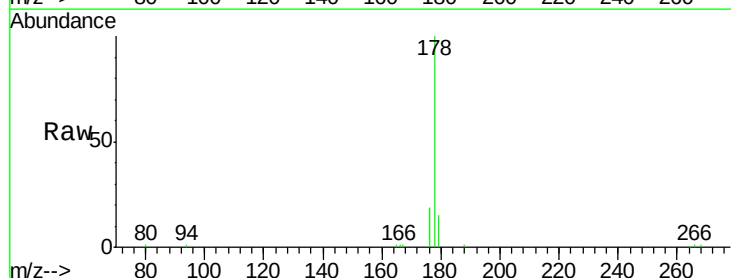
Tgt Ion:178 Resp: 15166

Ion Ratio Lower Upper

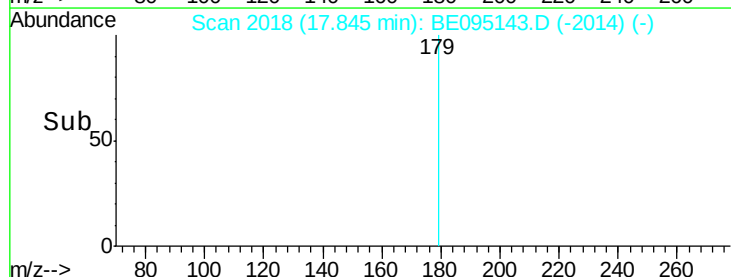
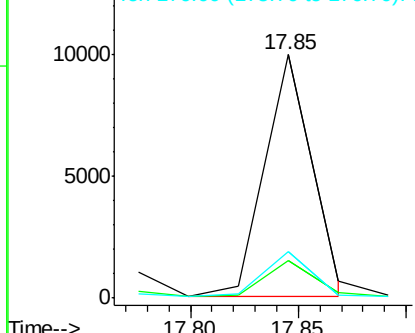
178 100

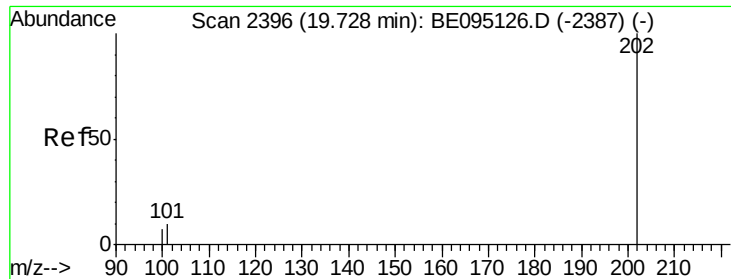
179 15.4 18.1 27.1#

176 19.0 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: 0.416 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :

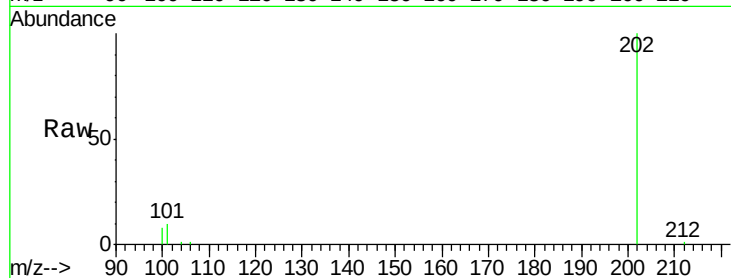
Tot Ion:202 Resp: 20313

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.3

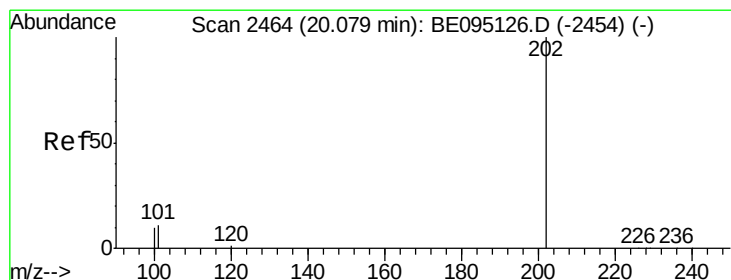
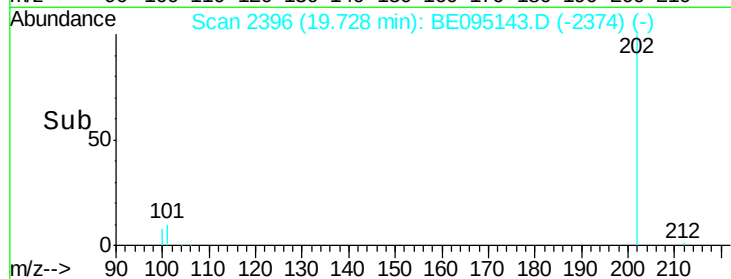
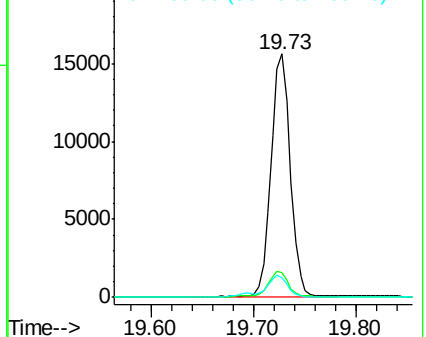
100 8.1 0.0 39.5



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: 0.454 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

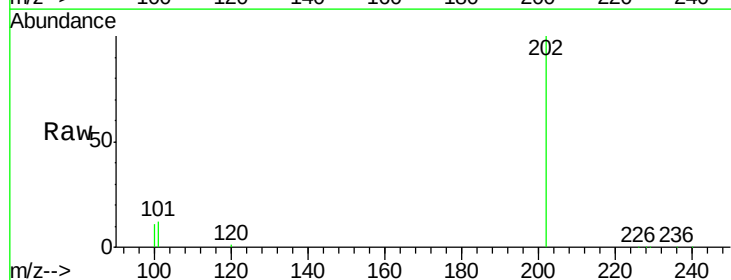
Tgt Ion:202 Resp: 22385

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

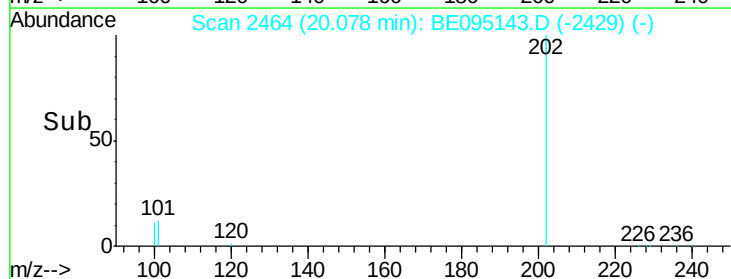
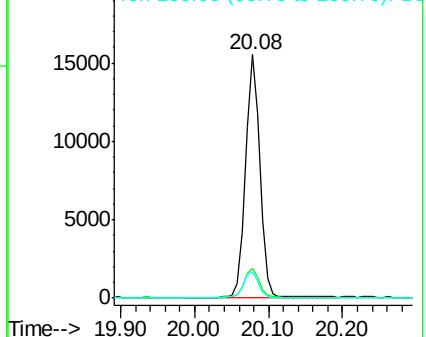
100 10.9 15.6 23.4#

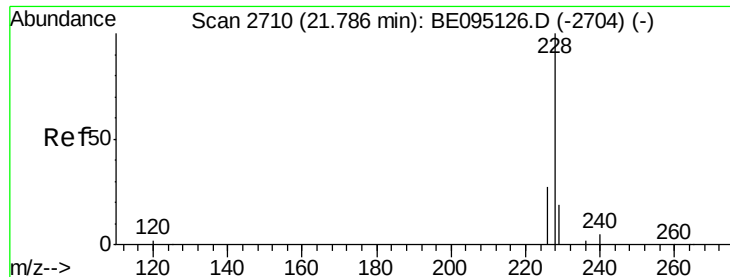


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

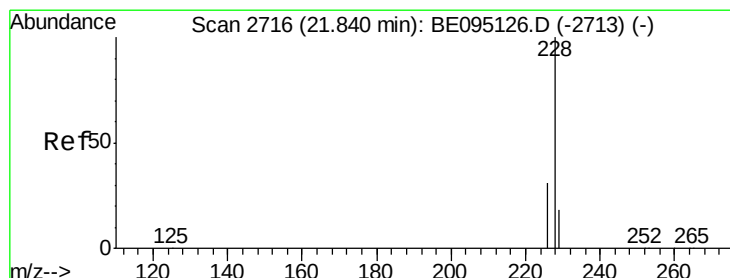
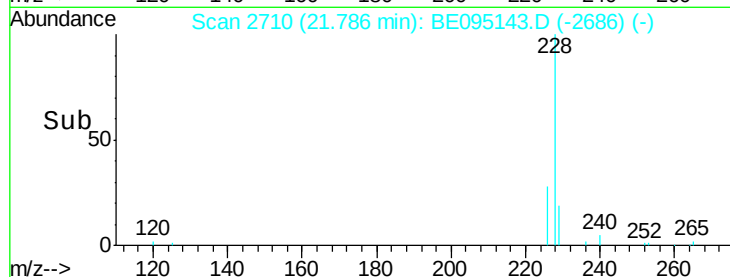
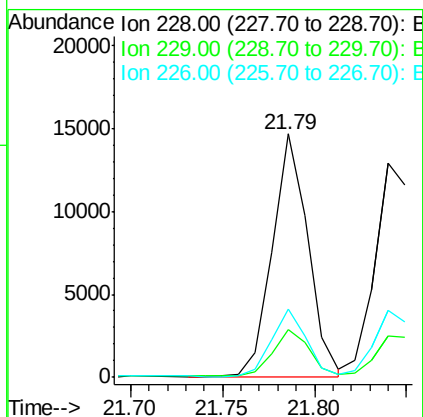
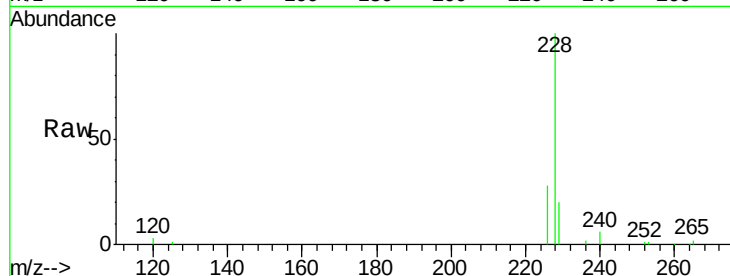




#18
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095143.D
Acq: 27 Jan 2018 00:21

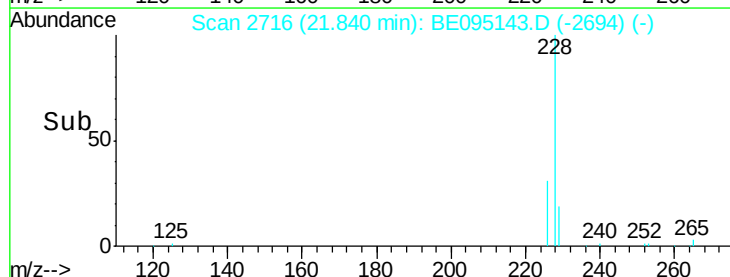
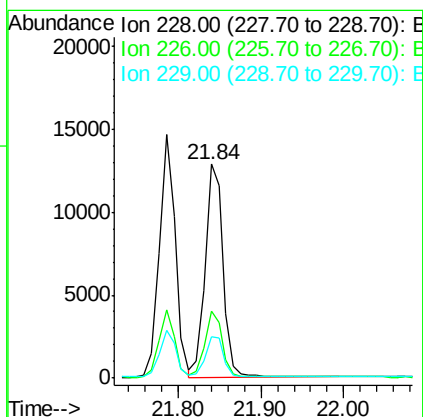
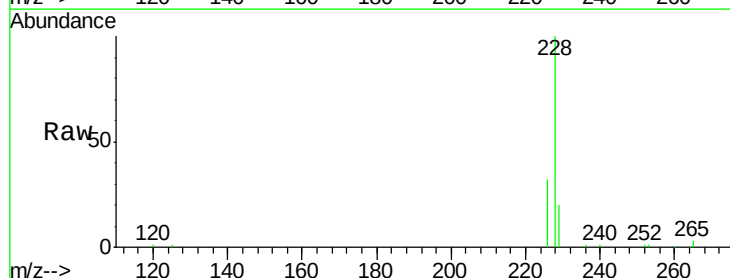
Instrument :
BNA_E
ClientSampleId :

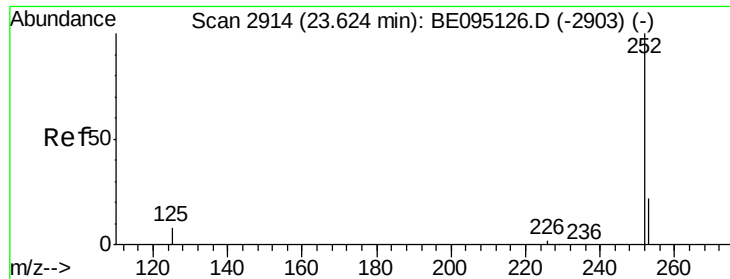
Tot Ion:228 Resp: 19520
Ion Ratio Lower Upper
228 100
229 19.7 22.8 34.2#
226 28.2 17.0 25.6#



#19
Chrysene
Concen: 0.402 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095143.D
Acq: 27 Jan 2018 00:21

Tgt Ion:228 Resp: 19209
Ion Ratio Lower Upper
228 100
226 31.6 23.4 35.0
229 19.6 17.7 26.5

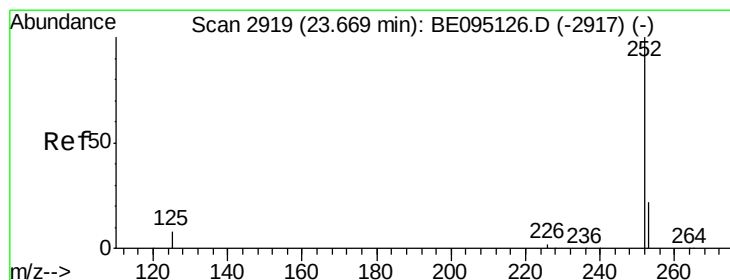
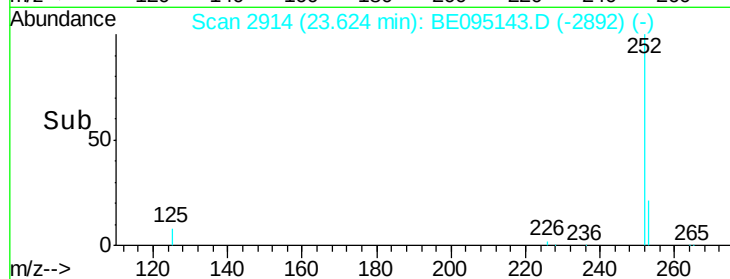
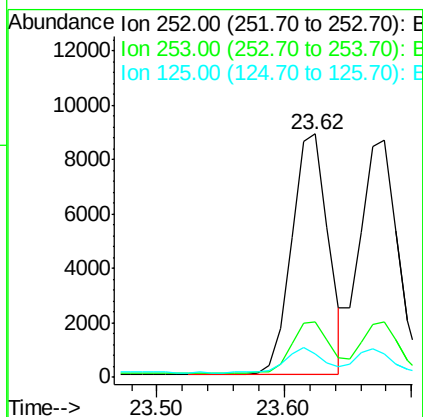
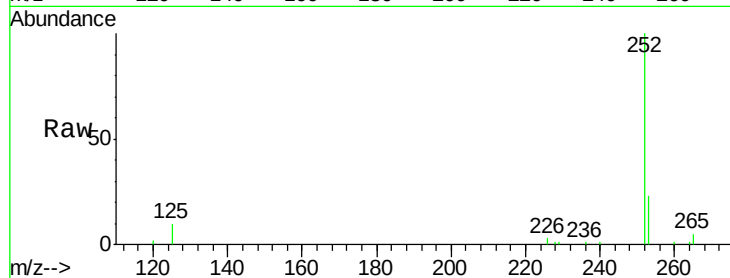




#21
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BE095143.D
Acq: 27 Jan 2018 00:21

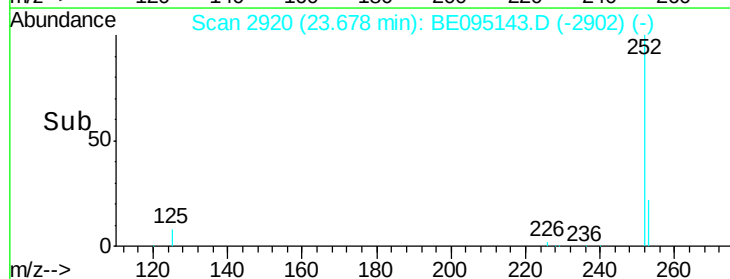
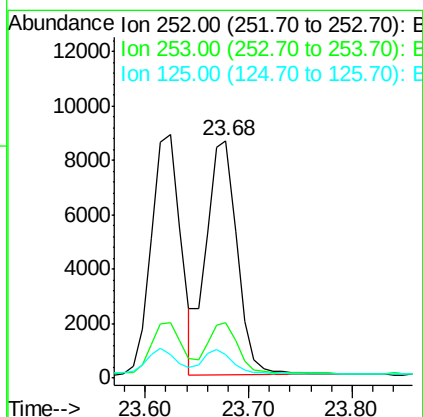
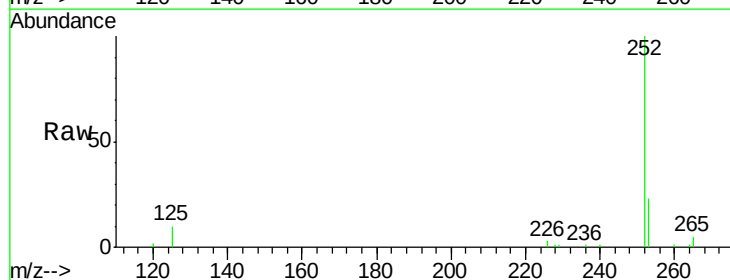
Instrument :
BNA_E
ClientSampleId :

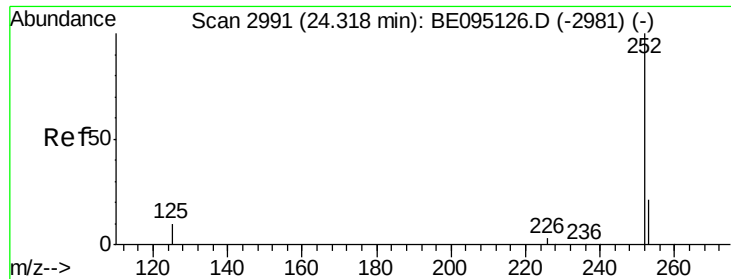
Tot Ion:252 Resp: 17569
Ion Ratio Lower Upper
252 100
253 22.7 0.0 64.2
125 9.8 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.68 min Scan# 2920
Delta R.T. 0.01 min
Lab File: BE095143.D
Acq: 27 Jan 2018 00:21

Tgt Ion:252 Resp: 17801
Ion Ratio Lower Upper
252 100
253 23.4 24.5 36.7#
125 10.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :

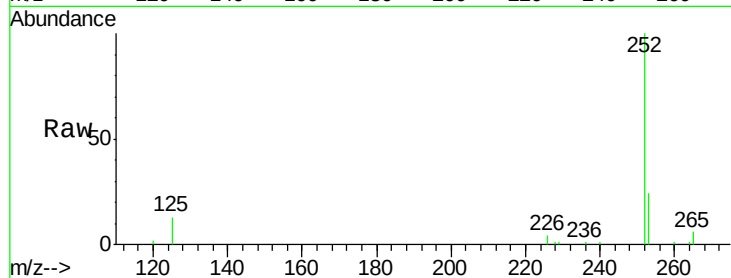
Tot Ion:252 Resp: 16663

Ion Ratio Lower Upper

252 100

253 24.1 28.5 42.7#

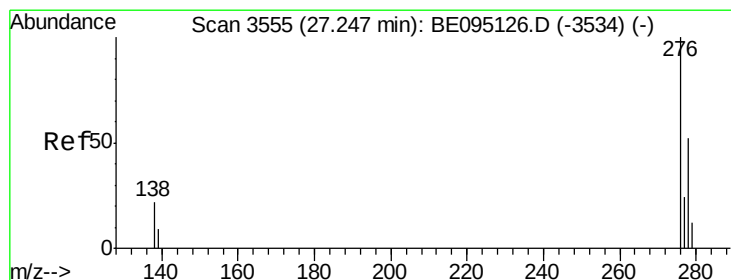
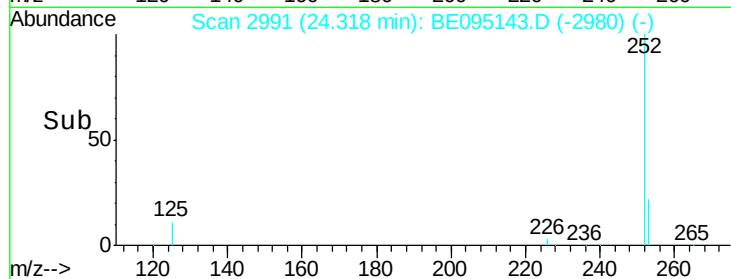
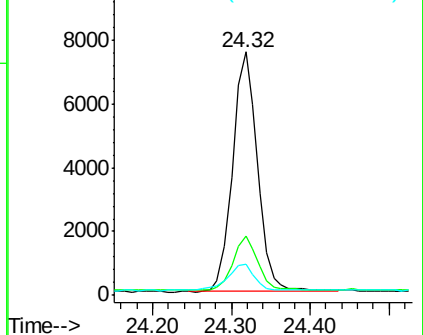
125 12.6 18.1 27.1#



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: 0.398 ng/ul

RT: 27.24 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

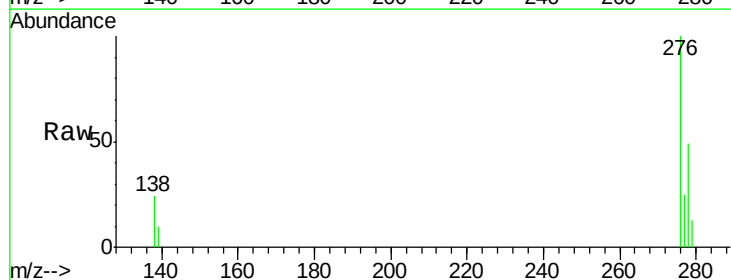
Tgt Ion:276 Resp: 18139

Ion Ratio Lower Upper

276 100

138 24.6 28.0 42.0#

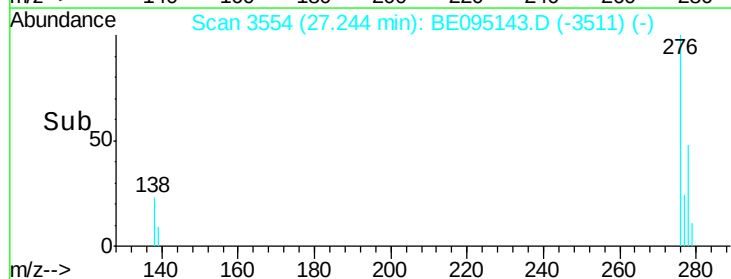
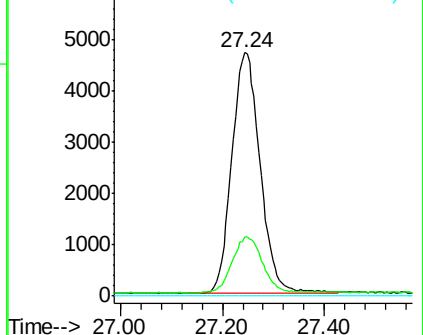
227 0.0 8.0 12.0#

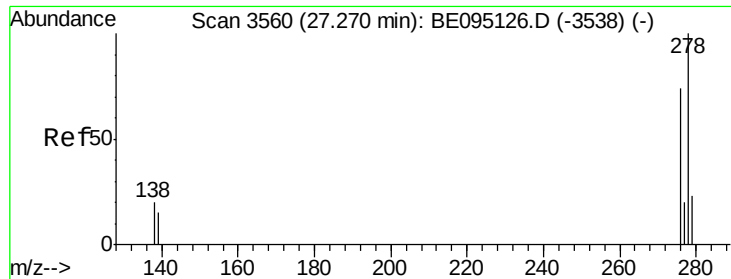


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.396 ng/ul

RT: 27.27 min Scan# 3559

Delta R.T. -0.00 min

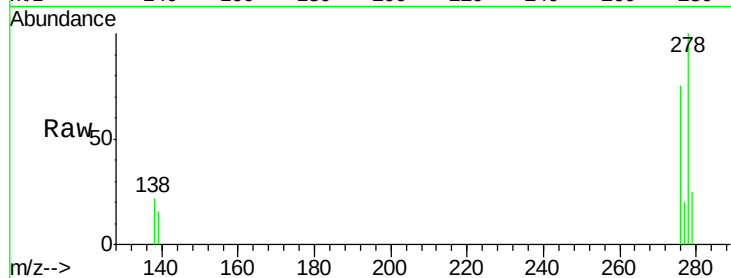
Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Instrument :

BNA_E

ClientSampleId :



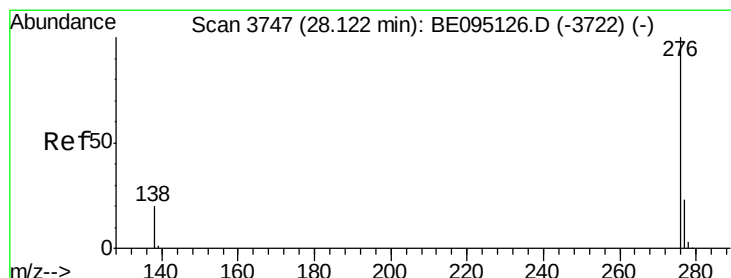
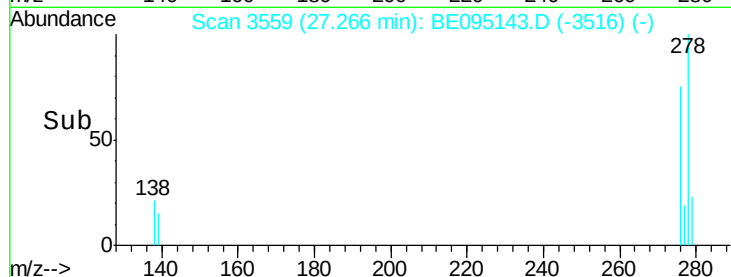
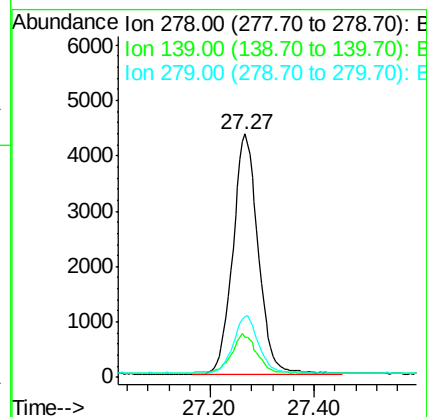
Tot Ion:278 Resp: 14765

Ion Ratio Lower Upper

278 100

139 16.4 17.4 26.0#

279 24.8 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.396 ng/ul

RT: 28.12 min Scan# 3746

Delta R.T. -0.00 min

Lab File: BE095143.D

Acq: 27 Jan 2018 00:21

Tgt Ion:276 Resp: 15284

Ion Ratio Lower Upper

276 100

138 22.3 21.8 32.8

277 24.6 20.5 30.7

