

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
 Data File : BE095077.D
 Acq On : 19 Jan 2018 15:50
 Operator : SJ/JU
 Sample : SSTD3.206
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD3.206

Quant Time: Jan 19 16:27:11 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 15:16:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5004	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	15910	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	8920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	19919	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	22961	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	17921	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	86035	3.24	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	229478	3.66	ng/ul	0.00

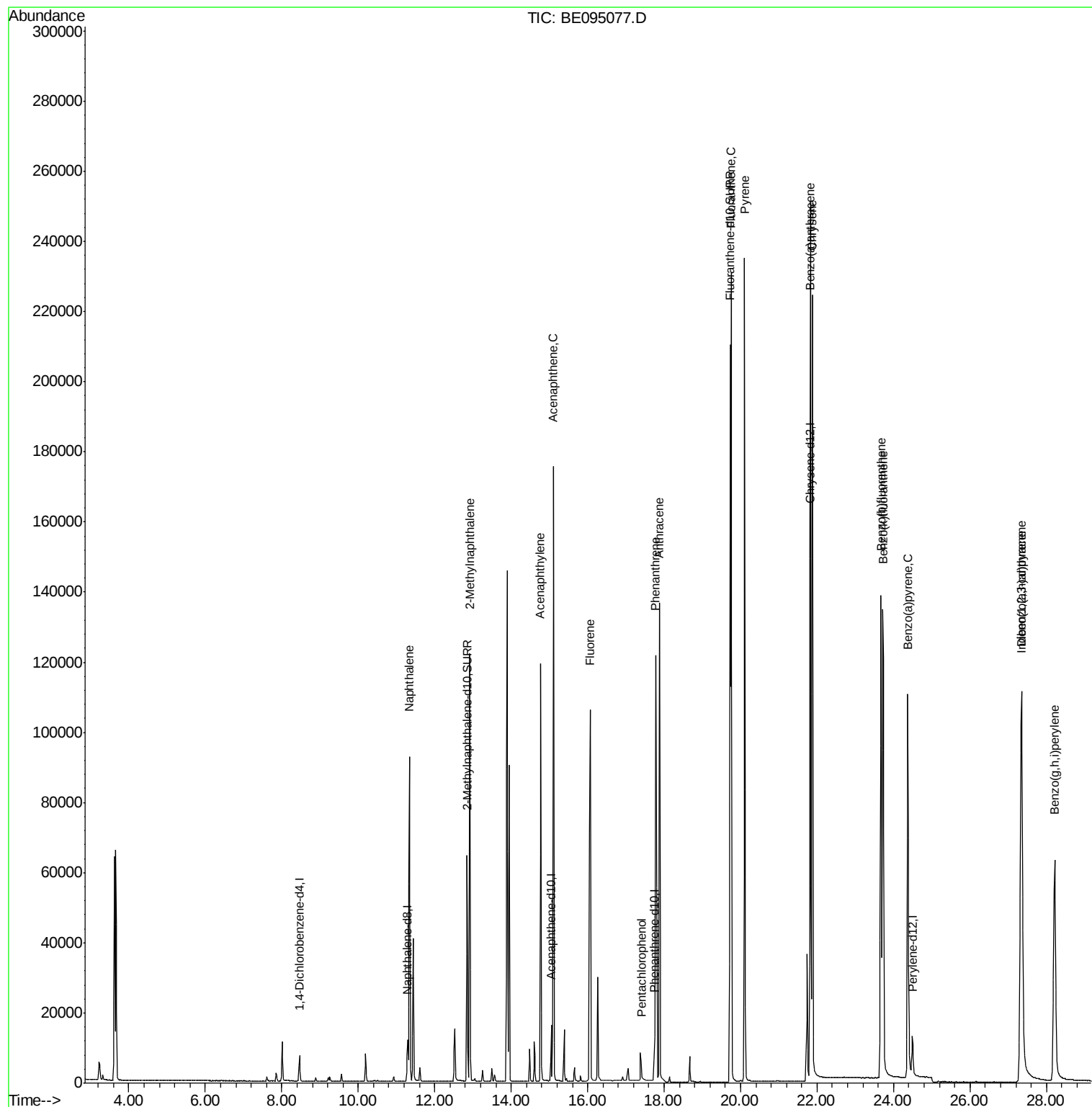
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.34	128	134519	3.184	ng/ul#	87
5) 2-Methylnaphthalene	12.91	142	97299	2.971	ng/ul	99
7) Acenaphthylene	14.77	152	142345	3.489	ng/ul#	96
8) Acenaphthene	15.11	153	102124	3.260	ng/ul	96
9) Fluorene	16.07	166	110518	3.175	ng/ul	89
11) Pentachlorophenol	17.41	266	6792	3.357	ng/ul#	60
12) Phenanthrene	17.78	178	181508	3.459	ng/ul#	82
13) Anthracene	17.87	178	181271	3.643	ng/ul#	86
15) Fluoranthene	19.76	202	252512	3.693	ng/ul	84
17) Pyrene	20.11	202	253853	3.181	ng/ul#	80
18) Benzo(a)anthracene	21.82	228	222992	3.378	ng/ul#	85
19) Chrysene	21.88	228	222093	3.172	ng/ul	96
21) Benzo(b)fluoranthene	23.67	252	200833	3.209	ng/ul	82
22) Benzo(k)fluoranthene	23.72	252	206605	3.620	ng/ul#	84
23) Benzo(a)pyrene	24.37	252	187819	3.492	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.33	276	190332	3.225	ng/ul#	81
25) Dibenzo(a,h)anthracene	27.36	278	150964	3.160	ng/ul#	86
26) Benzo(g,h,i)perylene	28.21	276	167202	3.268	ng/ul	93

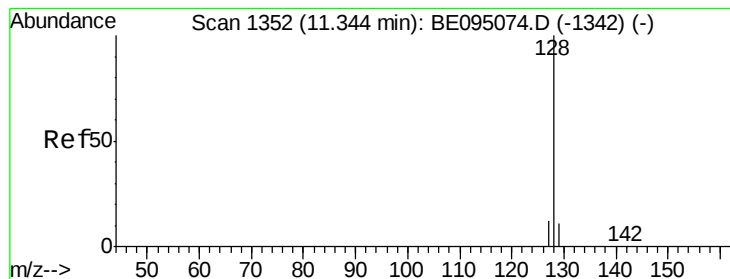
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.184 ng/ul

RT: 11.34 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

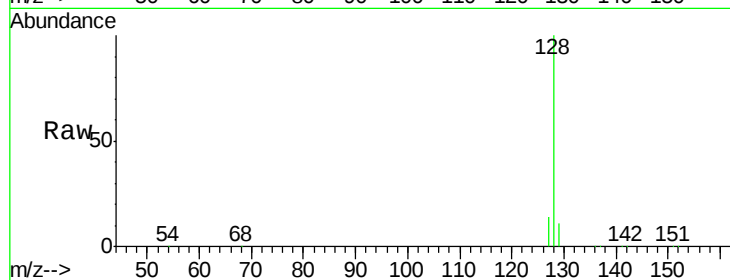
Tgt Ion:128 Resp: 134519

Ion Ratio Lower Upper

128 100

129 10.8 11.3 16.9#

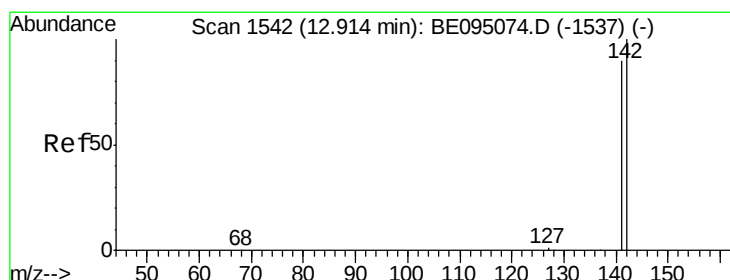
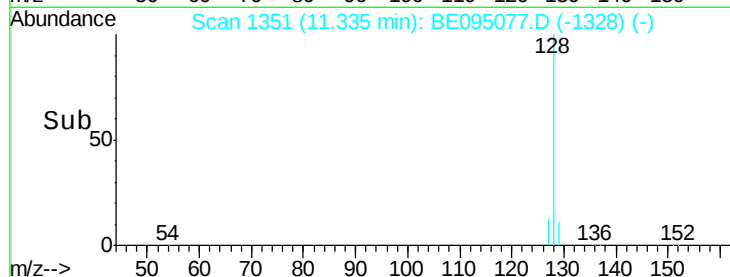
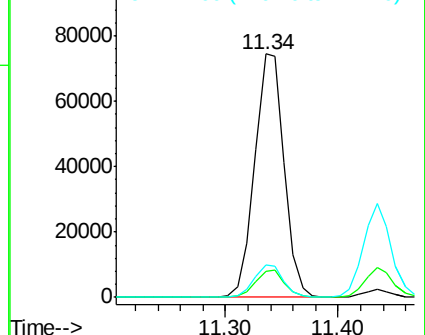
127 13.5 4.0 6.0#



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: 2.971 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE095077.D

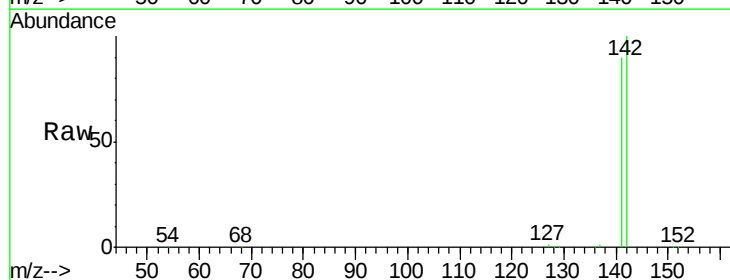
Acq: 19 Jan 2018 15:50

Tgt Ion:142 Resp: 97299

Ion Ratio Lower Upper

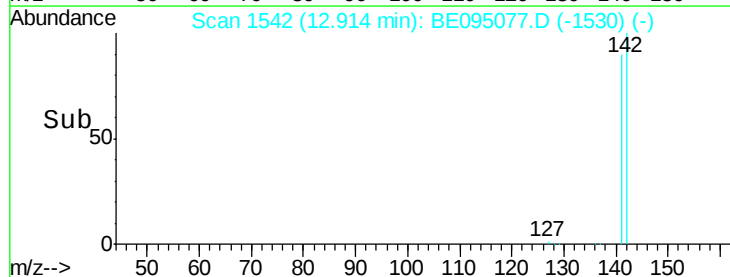
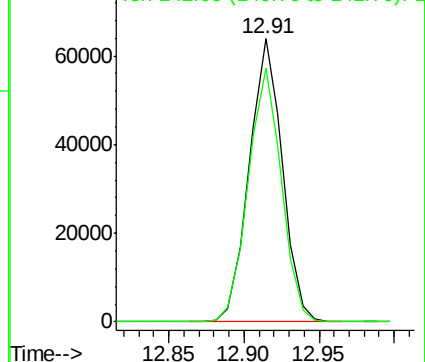
142 100

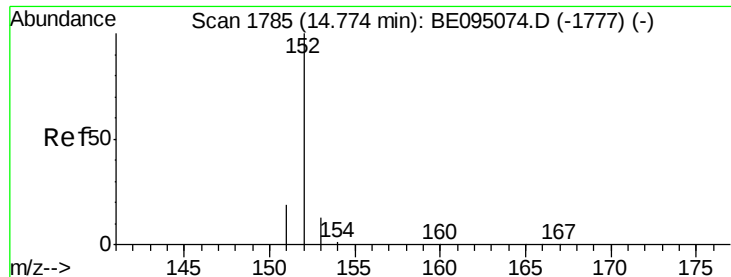
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.489 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

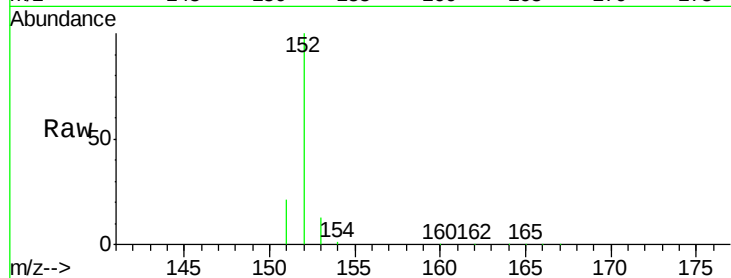
Tgt Ion:152 Resp: 142345

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

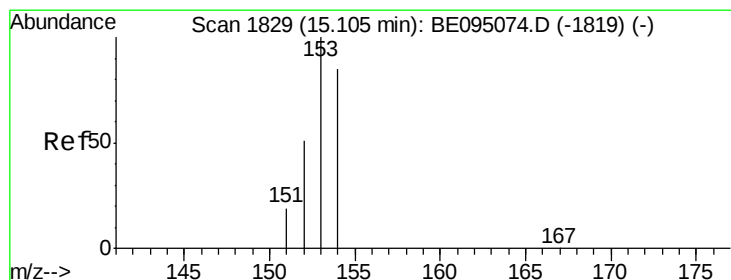
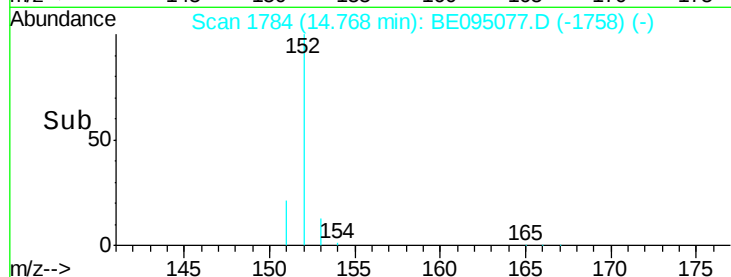
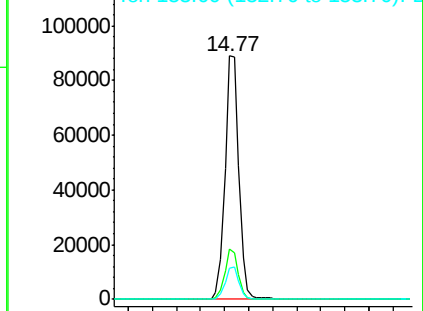
153 12.7 12.8 19.2#



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



#8

Acenaphthene

Concen: 3.260 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

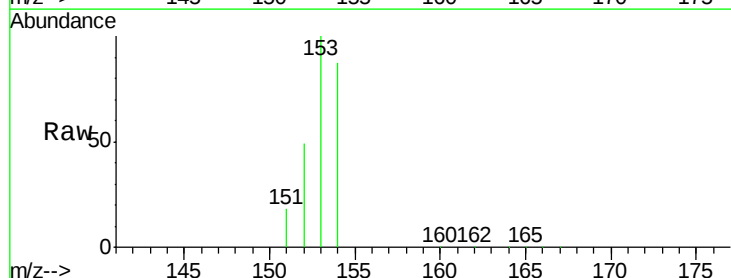
Tgt Ion:153 Resp: 102124

Ion Ratio Lower Upper

153 100

152 49.1 36.0 54.0

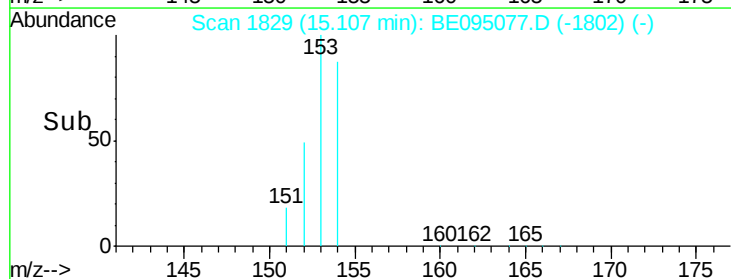
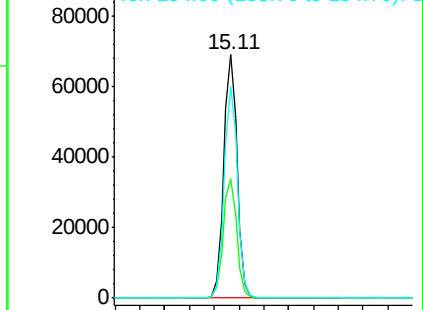
154 86.8 72.0 108.0

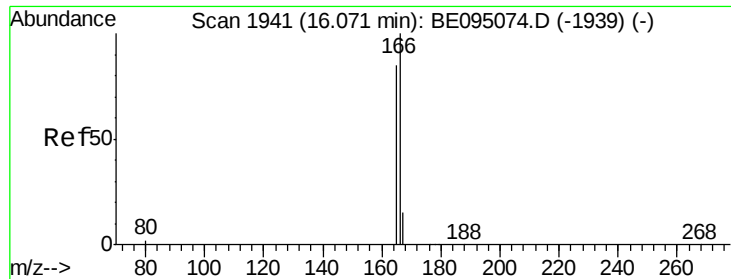


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.175 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

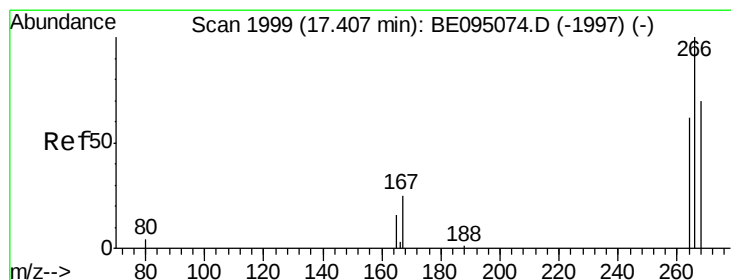
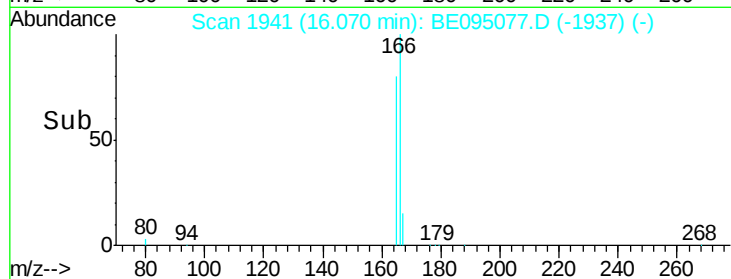
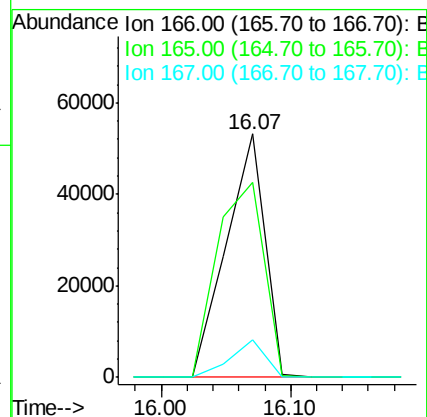
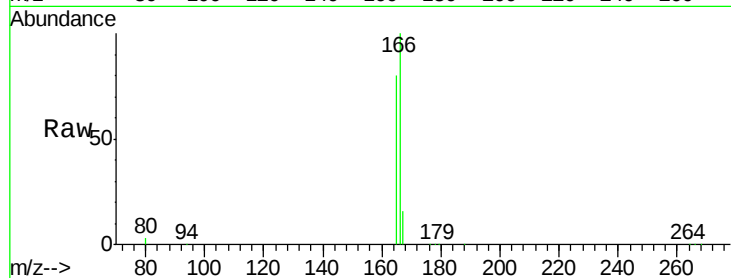
Tgt Ion:166 Resp: 110518

Ion Ratio Lower Upper

166 100

165 79.9 73.4 110.2

167 15.5 14.6 22.0



#11

Pentachlorophenol

Concen: 3.357 ng/ul

RT: 17.41 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

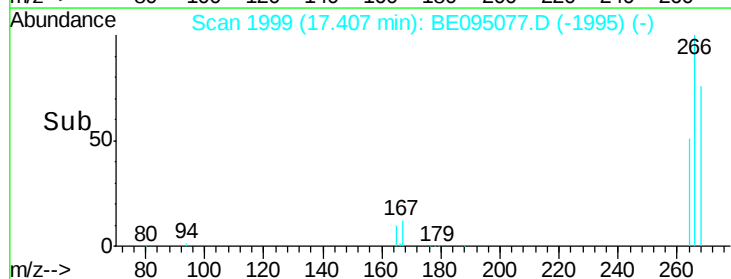
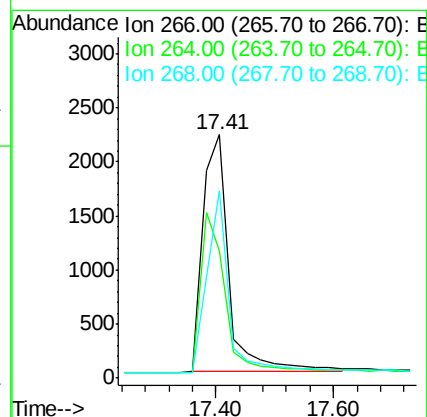
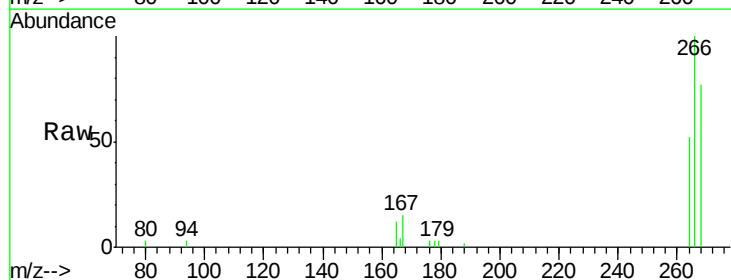
Tgt Ion:266 Resp: 6792

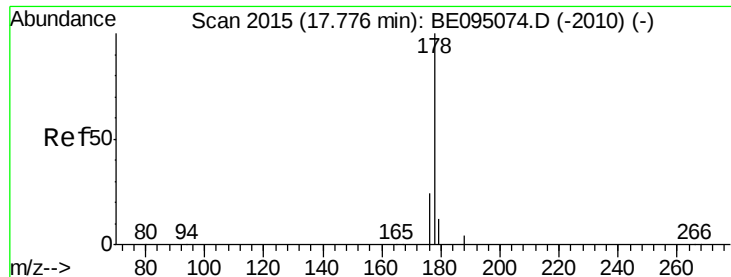
Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

268 64.4 49.8 74.8





#12

Phenanthrene

Concen: 3.459 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

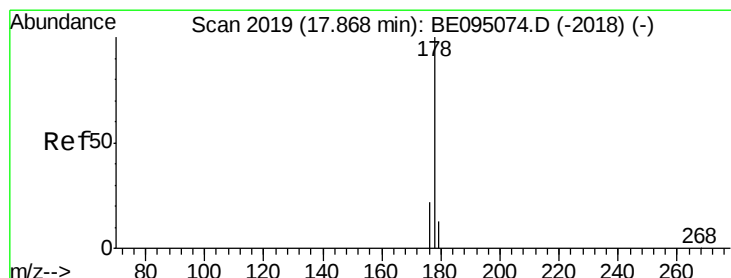
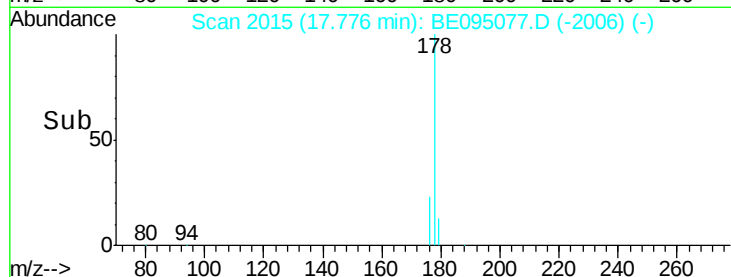
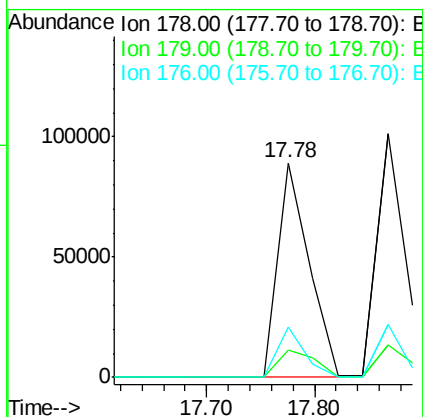
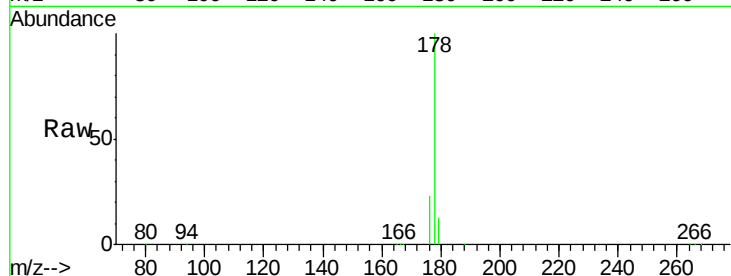
Tgt Ion:178 Resp: 181508

Ion Ratio Lower Upper

178 100

179 12.6 18.4 27.6#

176 23.1 13.6 20.4#



#13

Anthracene

Concen: 3.643 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

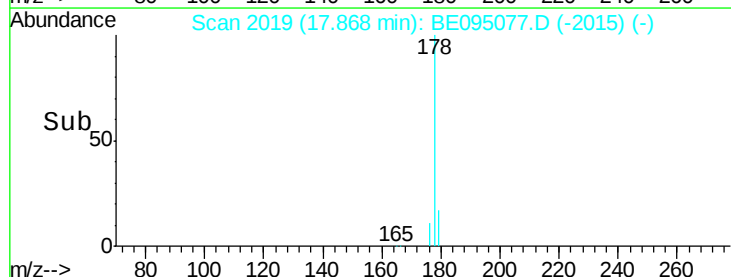
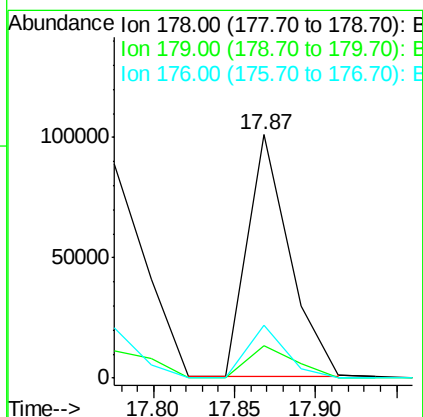
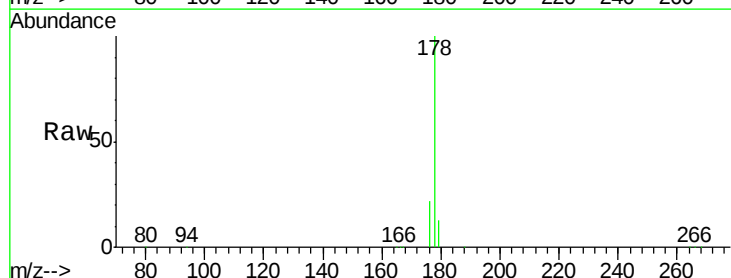
Tgt Ion:178 Resp: 181271

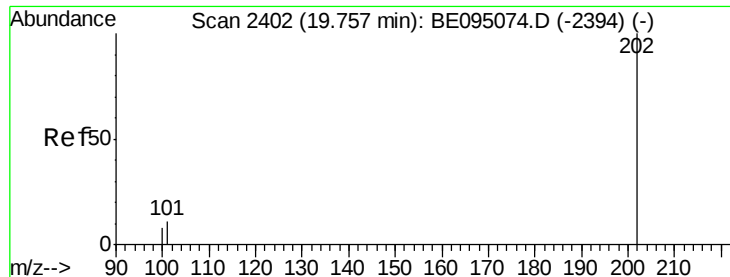
Ion Ratio Lower Upper

178 100

179 13.1 18.1 27.1#

176 21.7 14.7 22.1





#15

Fluoranthene

Concen: 3.693 ng/ul

RT: 19.76 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

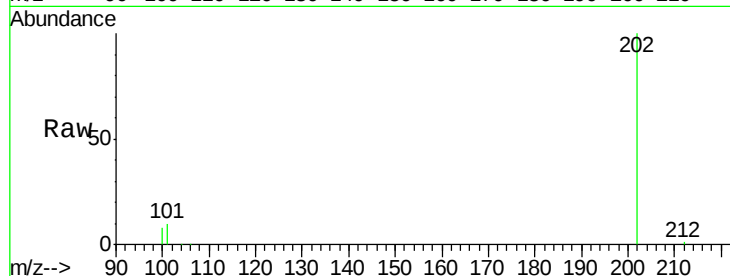
Tgt Ion:202 Resp: 252512

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.3

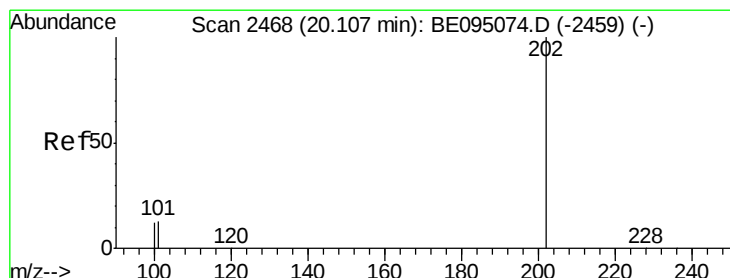
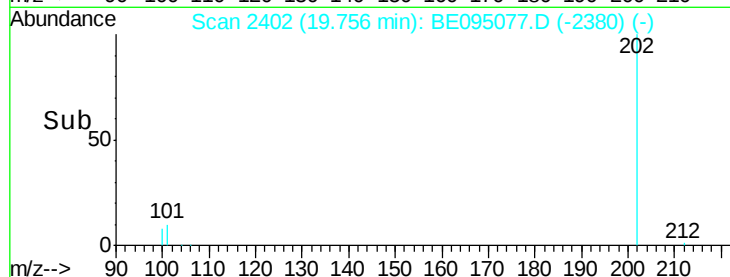
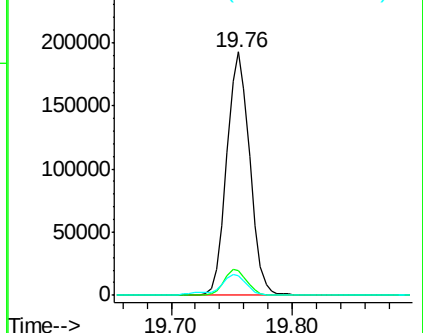
100 8.2 0.0 39.5



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: 3.181 ng/ul

RT: 20.11 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

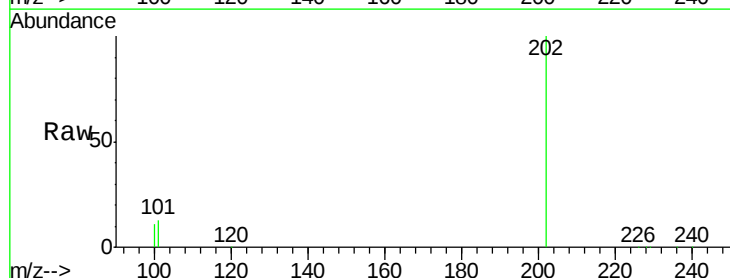
Tgt Ion:202 Resp: 253853

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

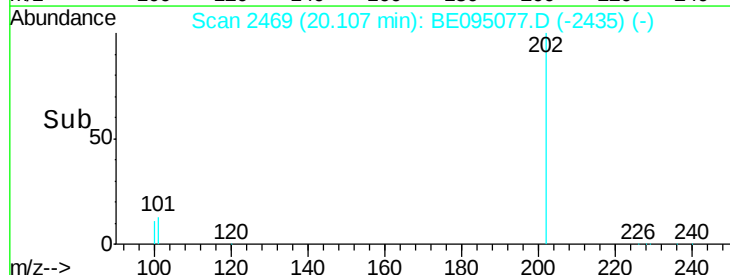
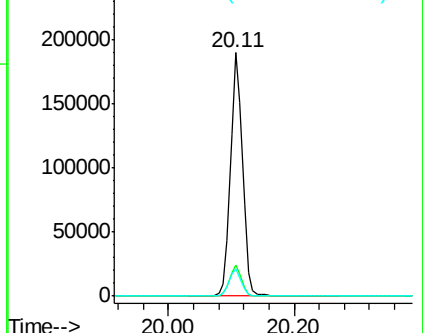
100 11.0 15.6 23.4#

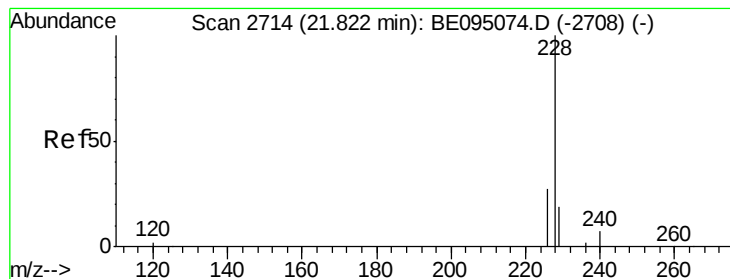


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 3.378 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

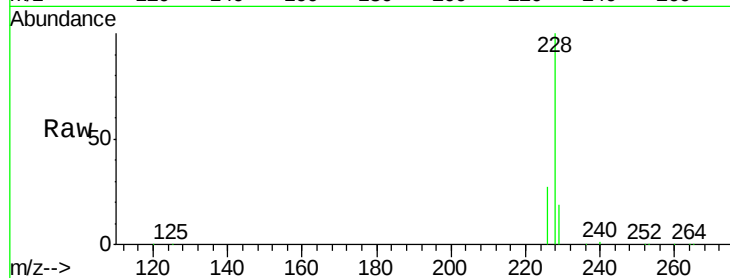
Tgt Ion:228 Resp: 222992

Ion Ratio Lower Upper

228 100

229 19.4 22.8 34.2#

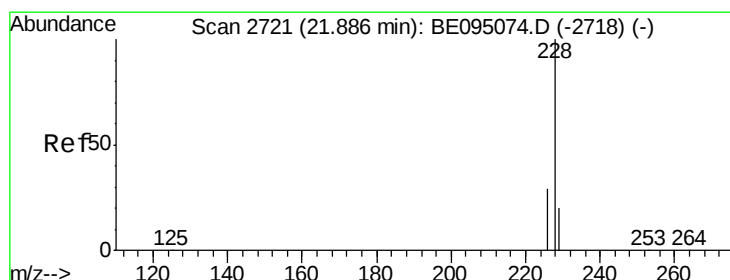
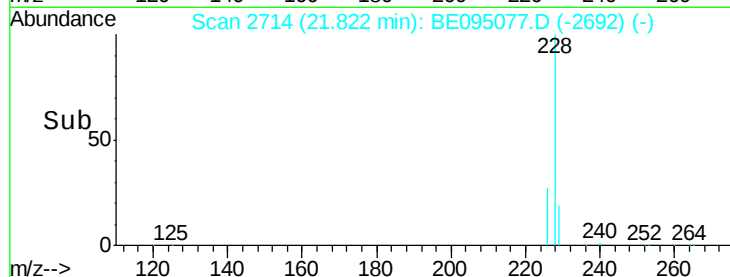
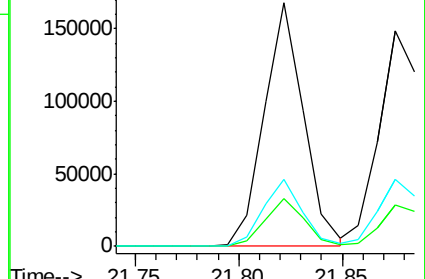
226 27.3 17.0 25.6#



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: 3.172 ng/ul

RT: 21.88 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

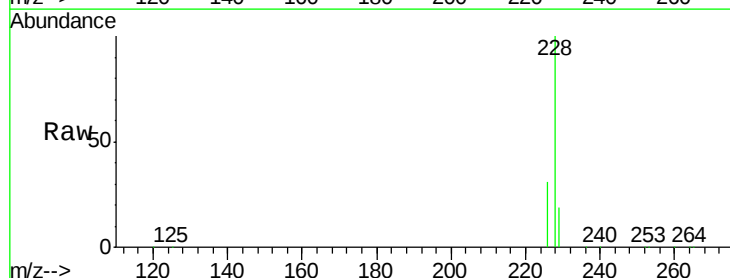
Tgt Ion:228 Resp: 222093

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

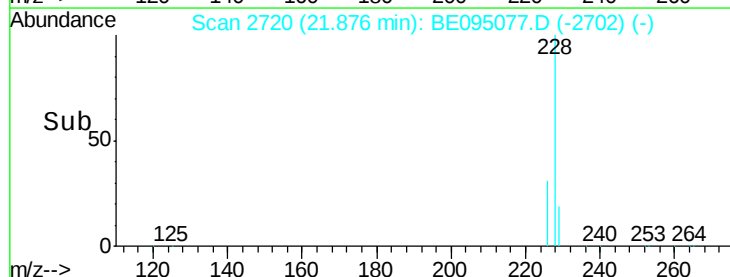
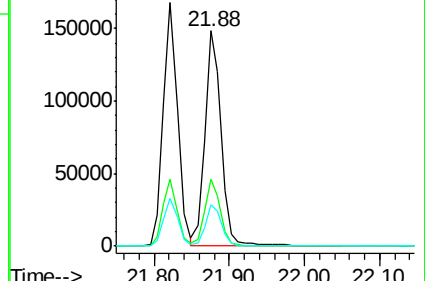
229 19.3 17.7 26.5

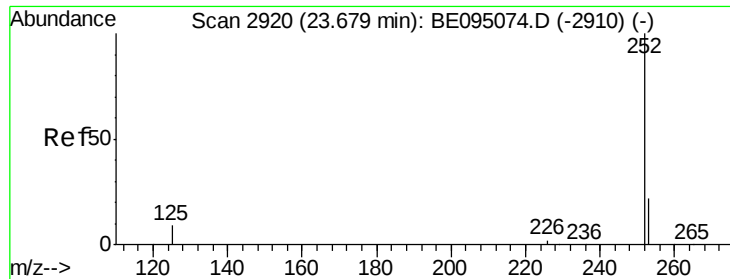


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 3.209 ng/ul

RT: 23.67 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

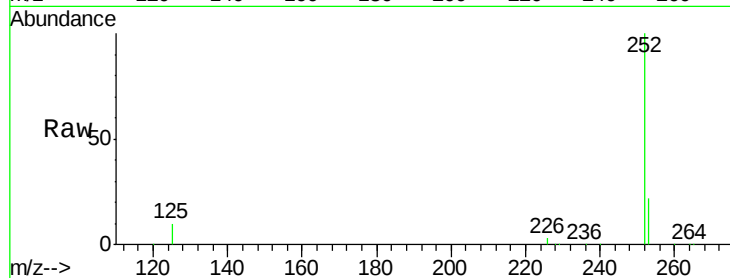
Tgt Ion:252 Resp: 200833

Ion Ratio Lower Upper

252 100

253 21.7 0.0 64.2

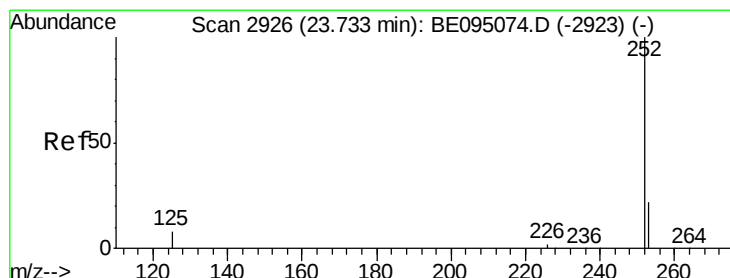
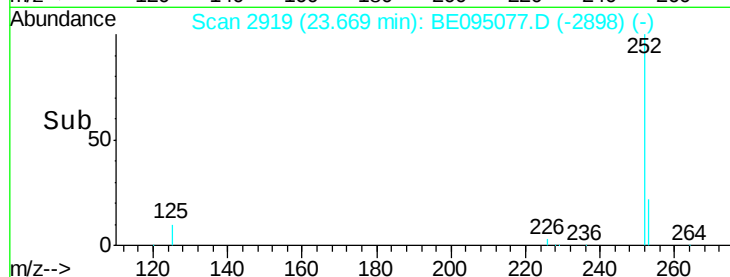
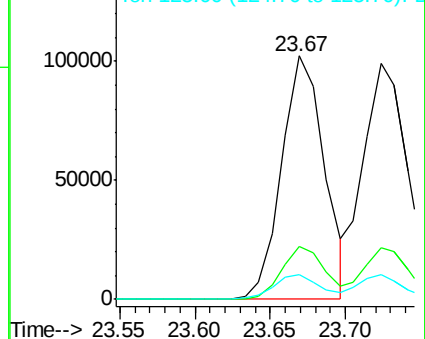
125 10.4 0.0 35.0



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: 3.620 ng/ul

RT: 23.72 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

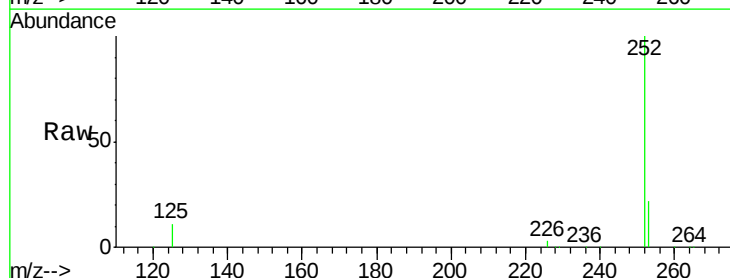
Tgt Ion:252 Resp: 206605

Ion Ratio Lower Upper

252 100

253 21.7 24.5 36.7#

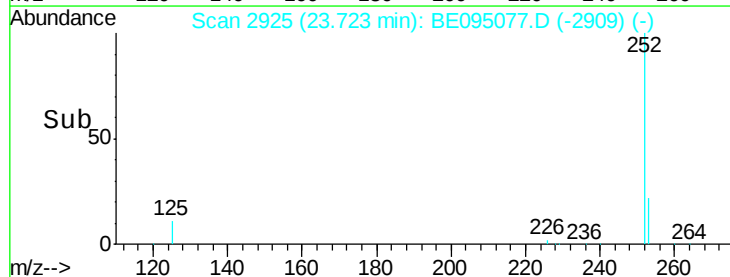
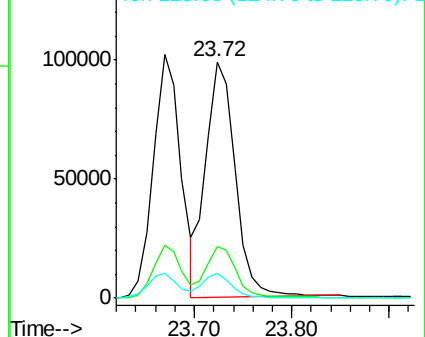
125 10.7 13.7 20.5#

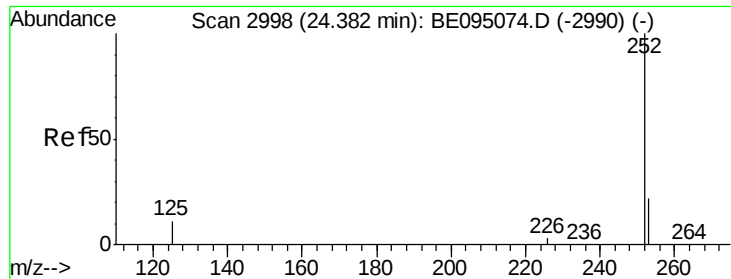


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.492 ng/ul

RT: 24.37 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

Instrument :

BNA_E

ClientSampleId :

SSTD3.206

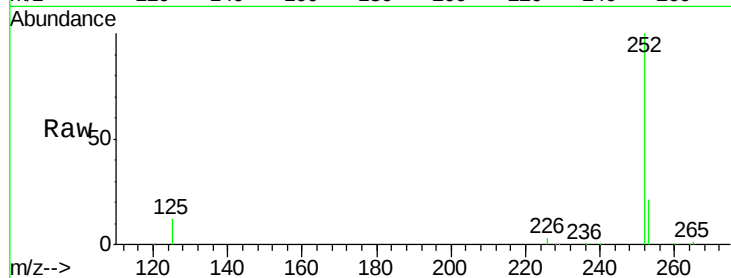
Tgt Ion:252 Resp: 187819

Ion Ratio Lower Upper

252 100

253 21.4 28.5 42.7#

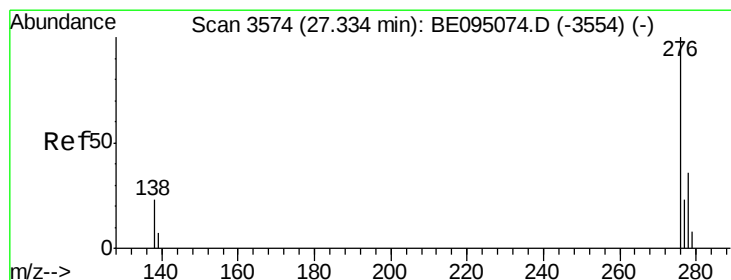
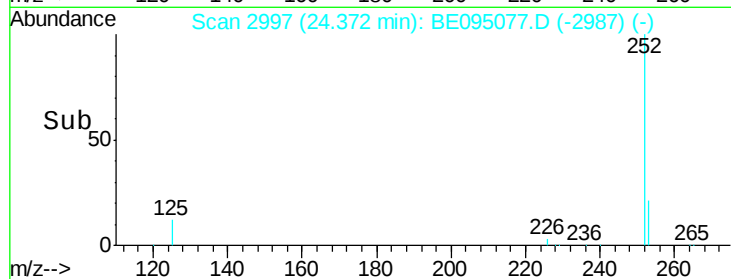
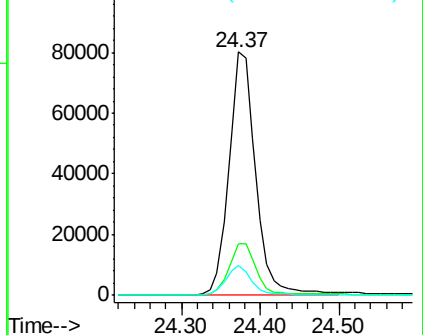
125 12.0 18.1 27.1#



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: 3.225 ng/ul

RT: 27.33 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BE095077.D

Acq: 19 Jan 2018 15:50

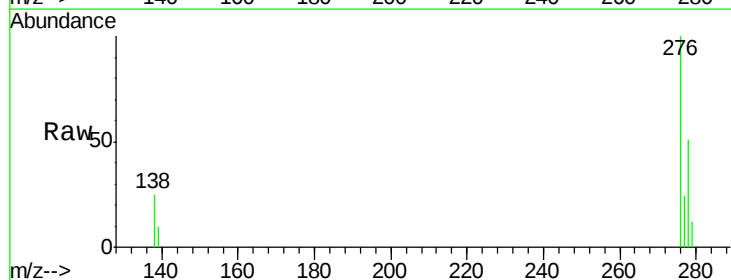
Tgt Ion:276 Resp: 190332

Ion Ratio Lower Upper

276 100

138 25.7 28.0 42.0#

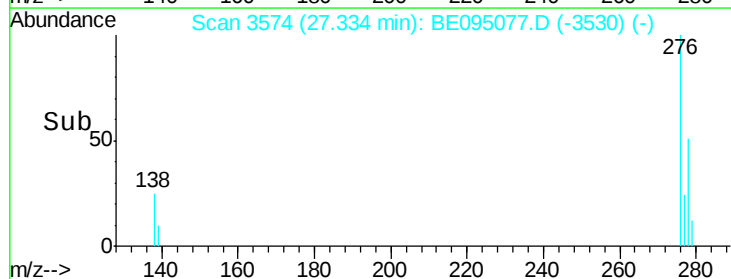
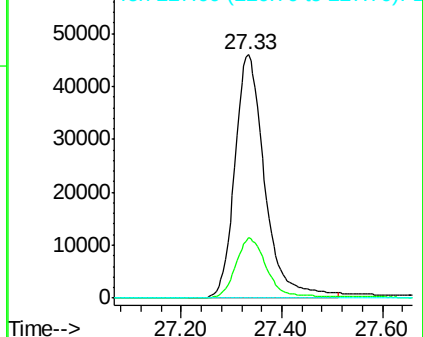
227 0.0 8.0 12.0#

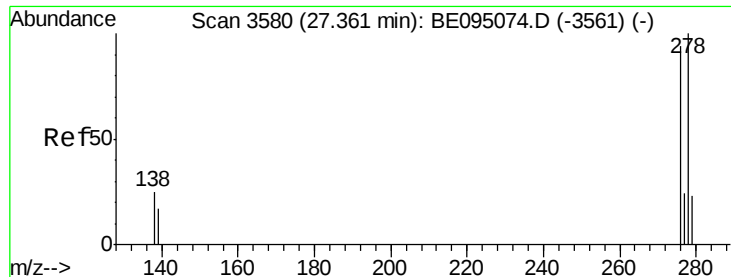


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

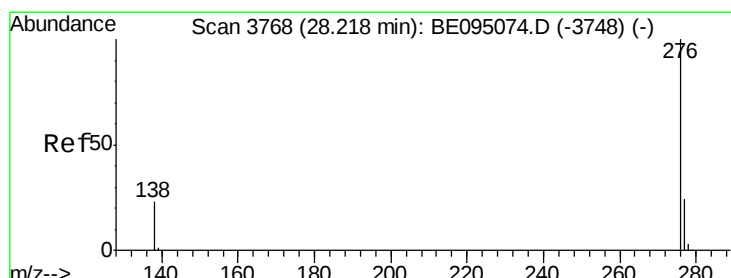
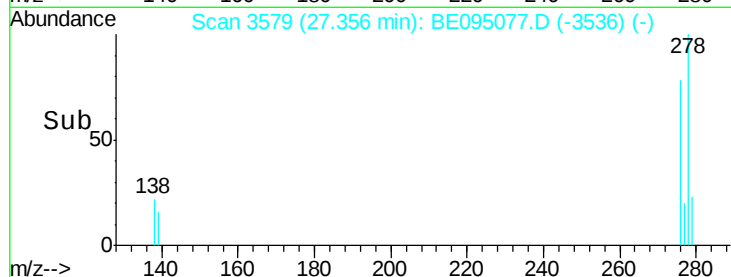
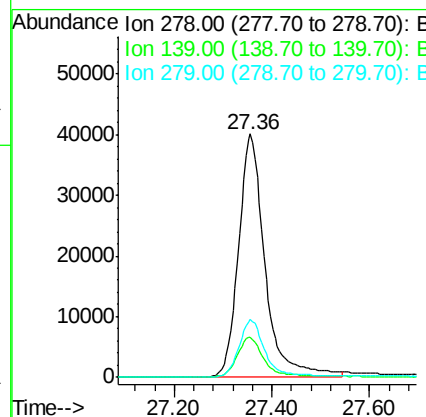
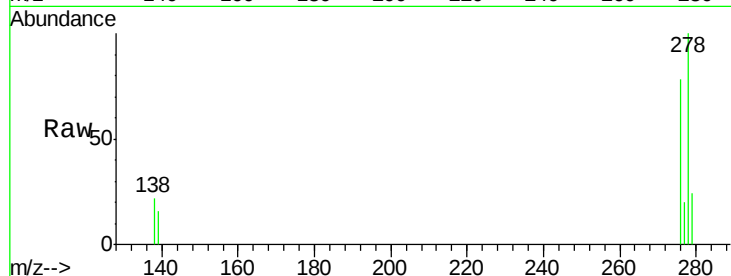




#25
Dibenzo(a,h)anthracene
Concen: 3.160 ng/ul
RT: 27.36 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BE095077.D
Acq: 19 Jan 2018 15:50

Instrument :
BNA_E
ClientSampleId :
SSTD3.206

Tgt Ion: 278 Resp: 150964
Ion Ratio Lower Upper
278 100
139 16.4 17.4 26.0#
279 23.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 3.268 ng/ul
RT: 28.21 min Scan# 3767
Delta R.T. -0.00 min
Lab File: BE095077.D
Acq: 19 Jan 2018 15:50

Tgt Ion: 276 Resp: 167202
Ion Ratio Lower Upper
276 100
138 22.4 21.8 32.8
277 23.7 20.5 30.7

