

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095151.D
 Acq On : 27 Jan 2018 5:04
 Operator : SJ/JU
 Sample : J1174-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 27 06:01:49 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 03:18:43 2018
 Response via : Initial Calibration

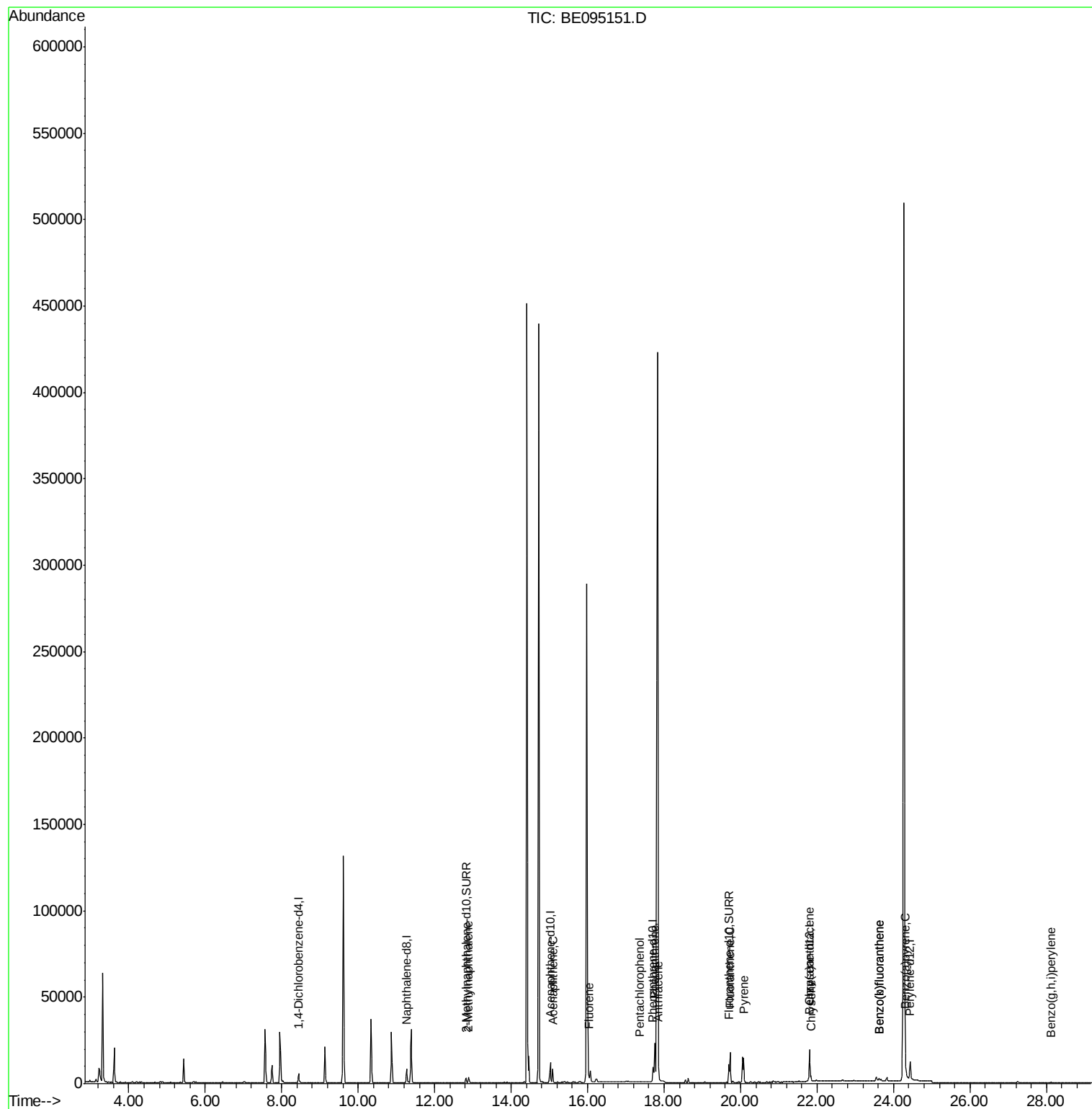
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3426	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10769	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6729	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	15047	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	17221	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	18543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3493	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11197	0.19	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	2598	0.129	ng/ul	99
8) Acenaphthene	15.08	153	4758	0.189	ng/ul	96
9) Fluorene	16.03	166	4351	0.168	ng/ul#	75
11) Pentachlorophenol	17.36	266	178	0.061	ng/ul#	87
12) Phenanthrene	17.75	178	26038	0.515	ng/ul#	87
13) Anthracene	17.85	178	3937	0.085	ng/ul	93
15) Fluoranthene	19.72	202	19343	0.295	ng/ul	84
17) Pyrene	20.08	202	19525	0.338	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	3937	0.073	ng/ul#	89
19) Chrysene	21.84	228	3062	0.055	ng/ul	94
21) Benzo(b)fluoranthene	23.63	252	3817	0.058	ng/ul	86
22) Benzo(k)fluoranthene	23.63	252	3779	0.063	ng/ul#	83
23) Benzo(a)pyrene	24.32	252	1447	0.025	ng/ul#	89
26) Benzo(g,h,i)perylene	28.12	276	1124	0.021	ng/ul#	81

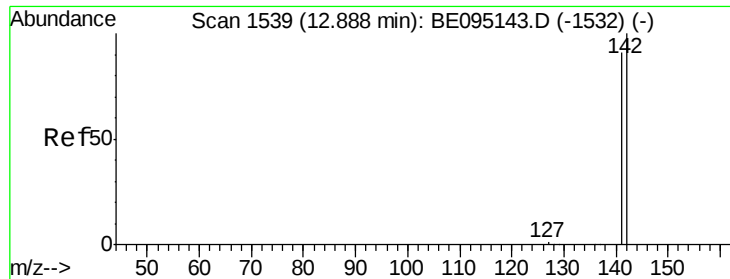
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.129 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

Instrument :

BNA_E

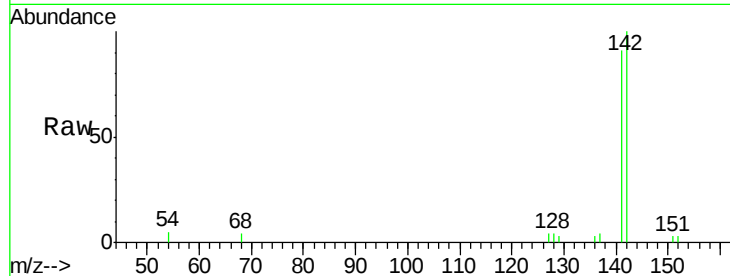
ClientSampleId :

Tot Ion:142 Resp: 2598

Ion Ratio Lower Upper

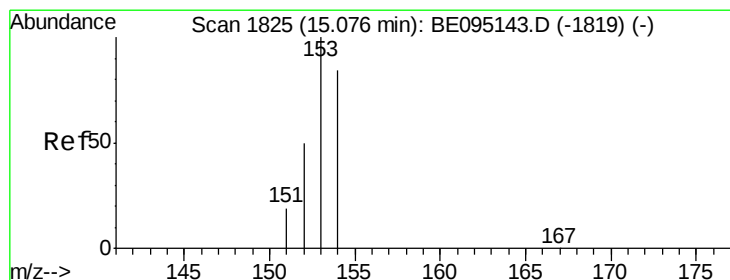
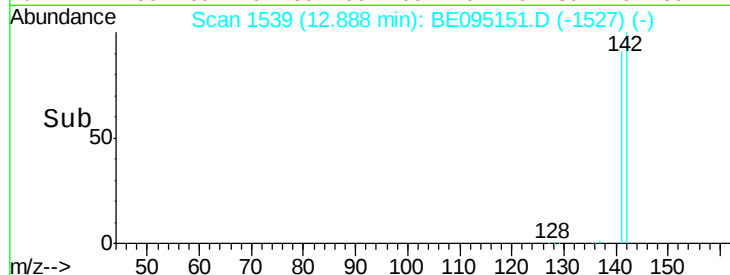
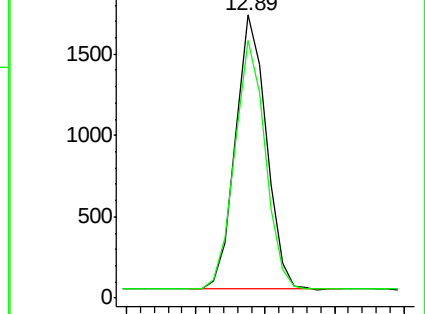
142 100

141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

Acenaphthene

Concen: 0.189 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

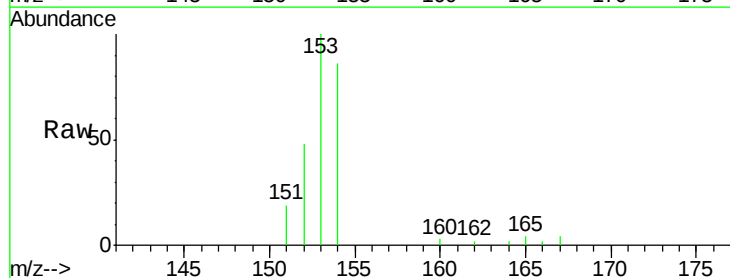
Tgt Ion:153 Resp: 4758

Ion Ratio Lower Upper

153 100

152 47.7 36.0 54.0

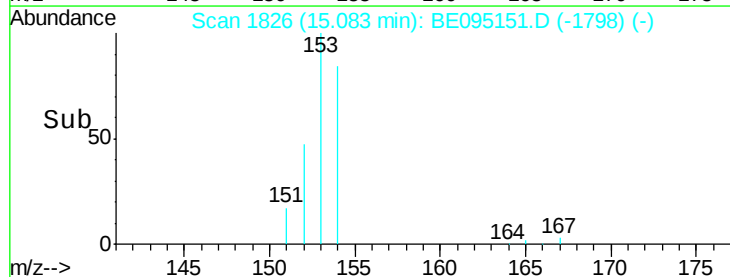
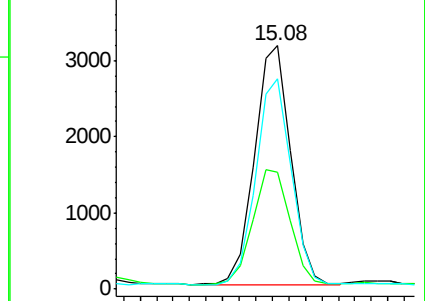
154 86.3 72.0 108.0

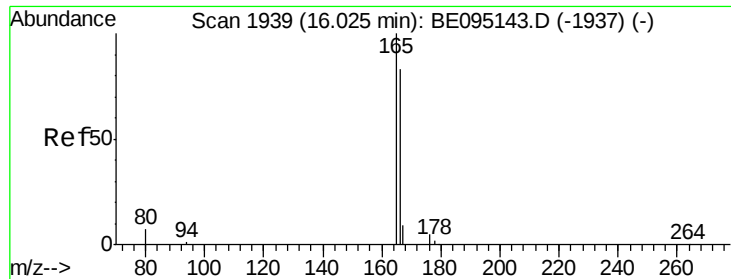


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.168 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

Instrument :

BNA_E

ClientSampleId :

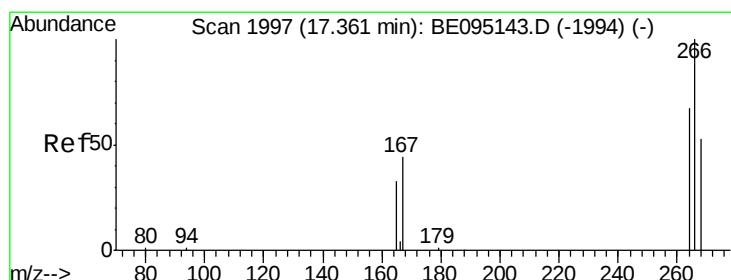
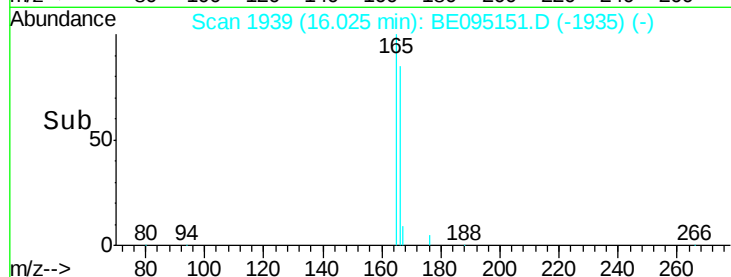
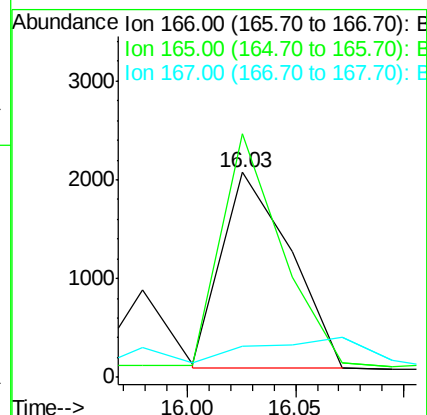
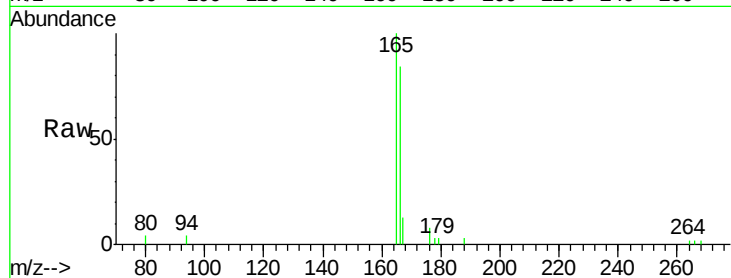
Tot Ion:166 Resp: 4351

Ion Ratio Lower Upper

166 100

165 118.9 73.4 110.2#

167 15.4 14.6 22.0



#11

Pentachlorophenol

Concen: 0.061 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

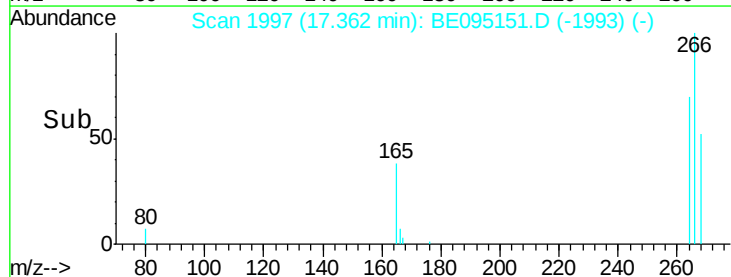
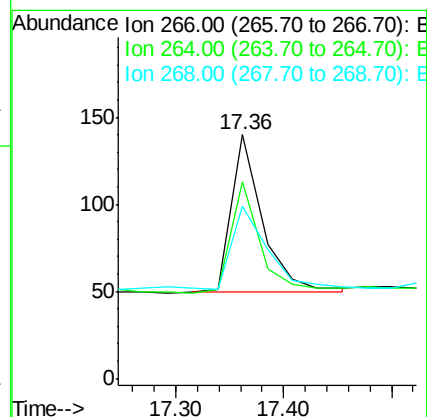
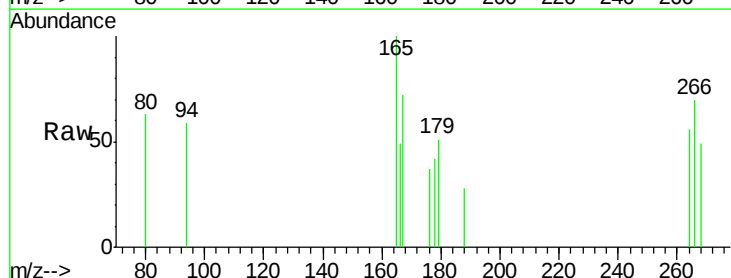
Tgt Ion:266 Resp: 178

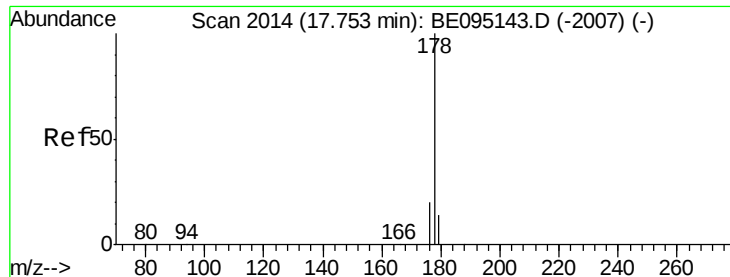
Ion Ratio Lower Upper

266 100

264 78.7 47.9 71.9#

268 63.5 49.8 74.8





#12

Phenanthrene

Concen: 0.515 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

Instrument :

BNA_E

ClientSampleId :

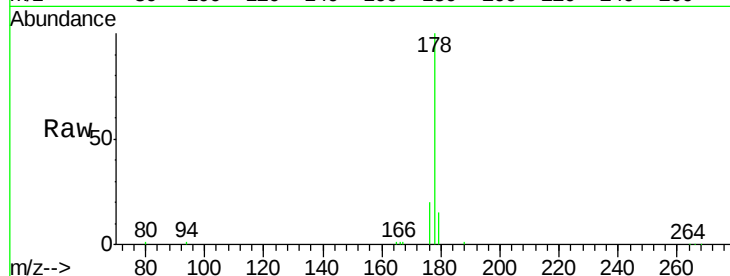
Tot Ion:178 Resp: 26038

Ion Ratio Lower Upper

178 100

179 14.9 18.4 27.6#

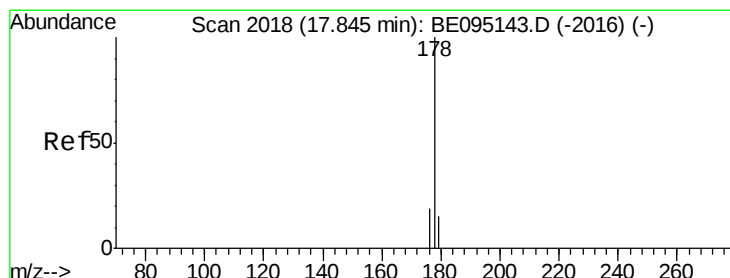
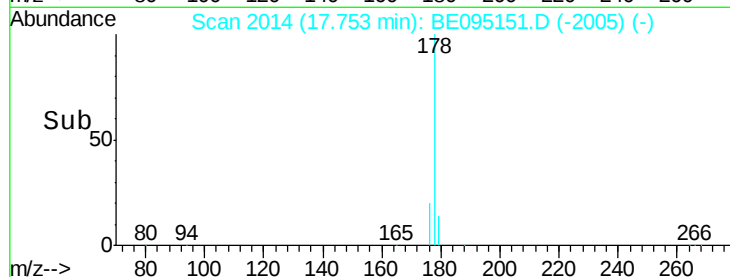
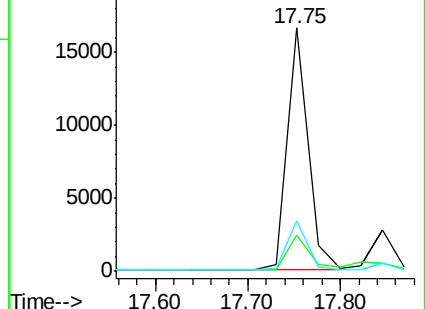
176 20.4 13.6 20.4#



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: 0.085 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

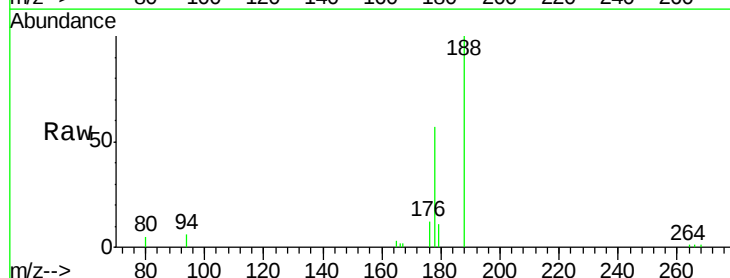
Tgt Ion:178 Resp: 3937

Ion Ratio Lower Upper

178 100

179 19.0 18.1 27.1

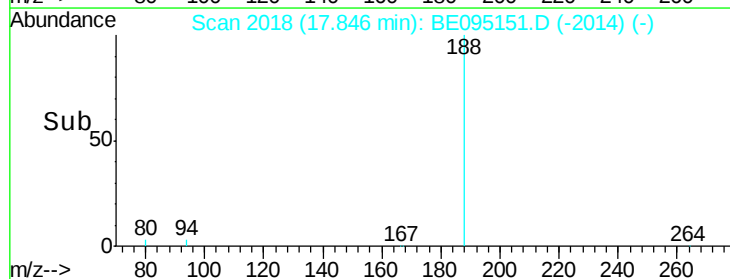
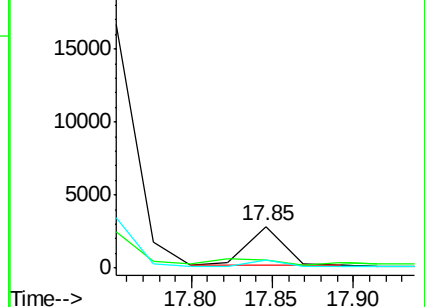
176 20.8 14.7 22.1

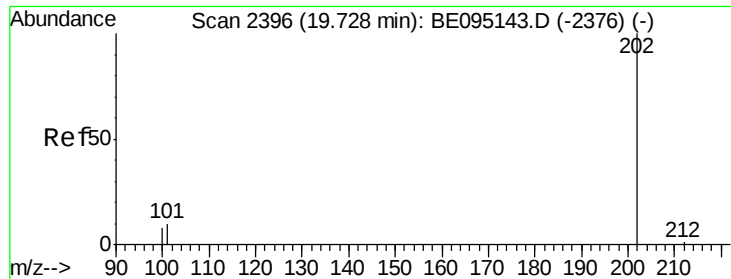


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.295 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

Instrument :

BNA_E

ClientSampleId :

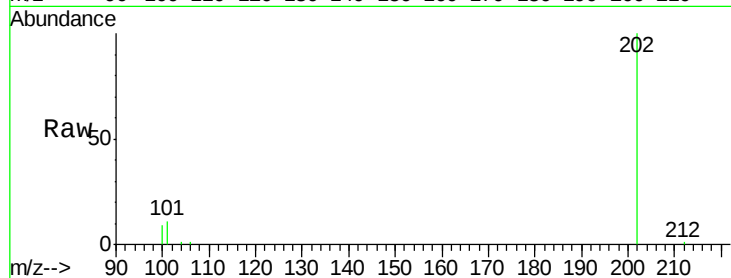
Tot Ion:202 Resp: 19343

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

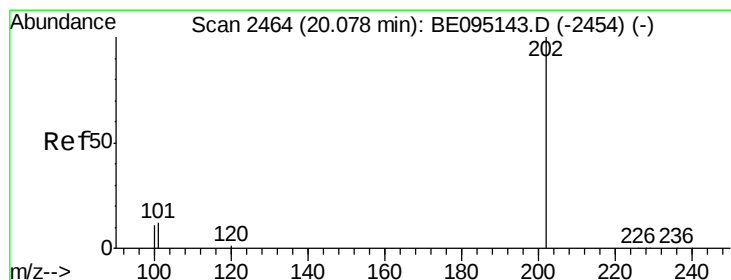
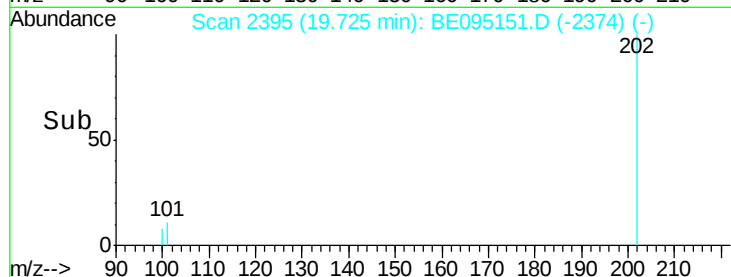
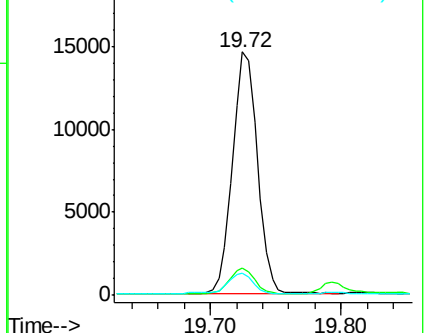
100 8.9 0.0 39.5



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: 0.338 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

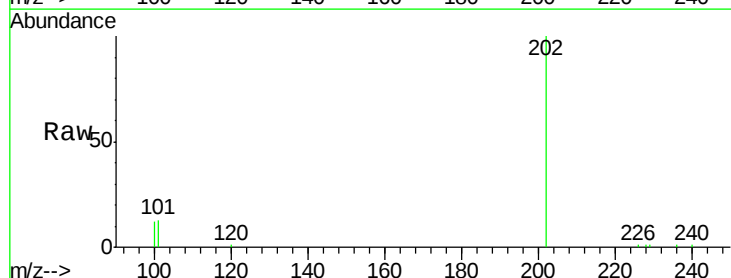
Tgt Ion:202 Resp: 19525

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

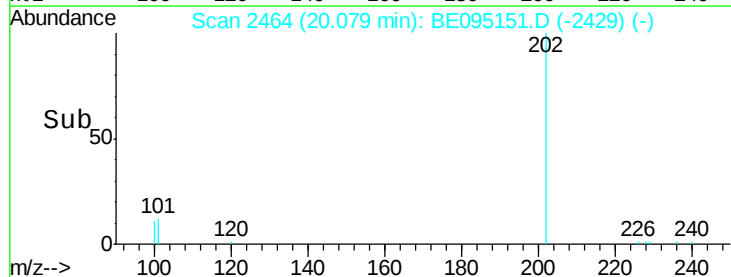
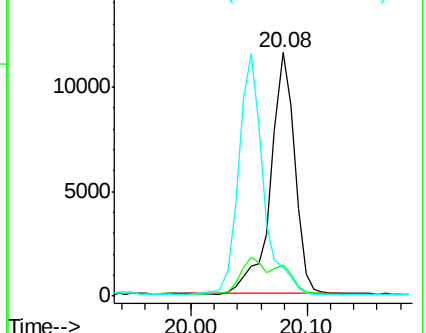
100 11.7 15.6 23.4#

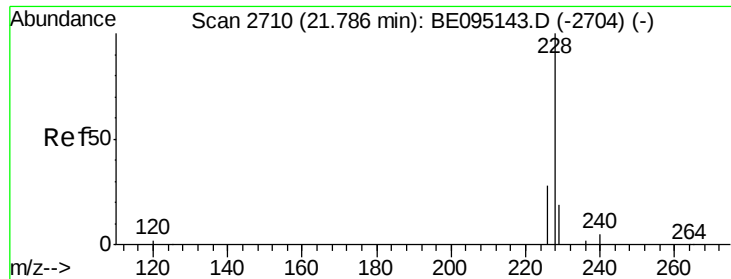


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

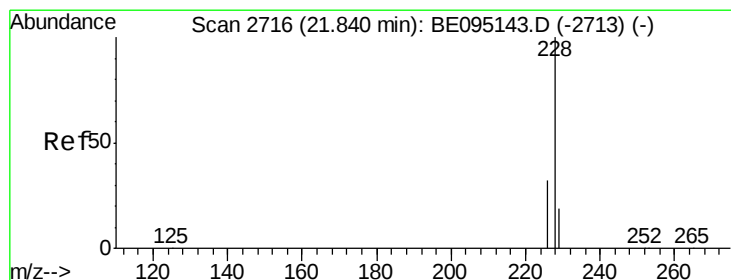
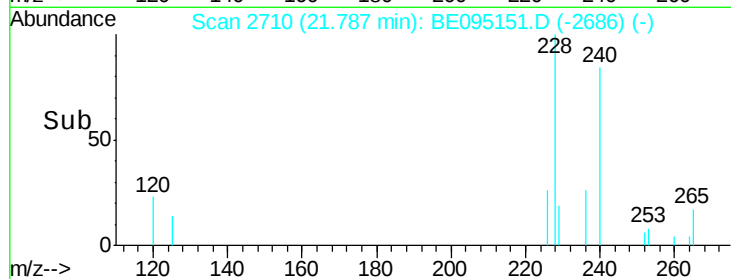
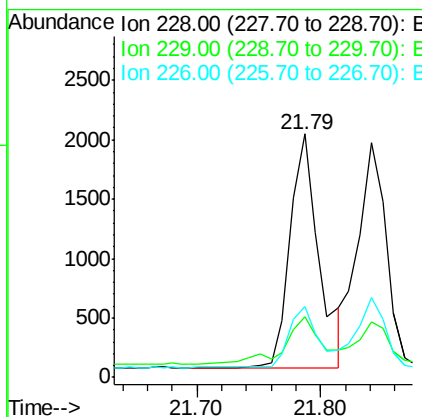
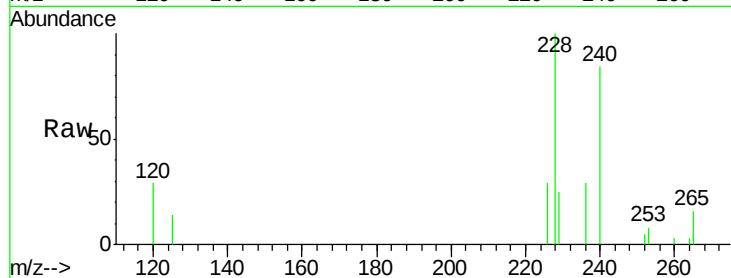




#18
Benzo(a)anthracene
Concen: 0.073 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

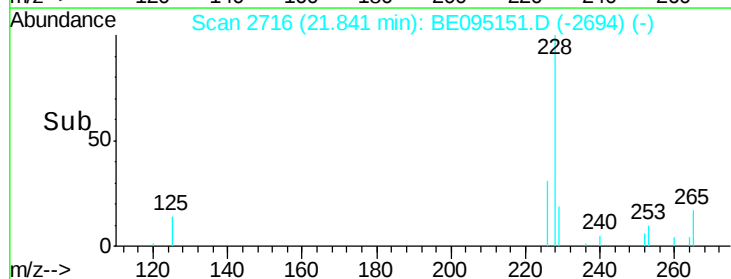
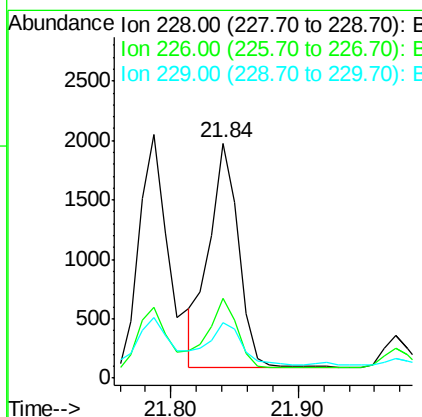
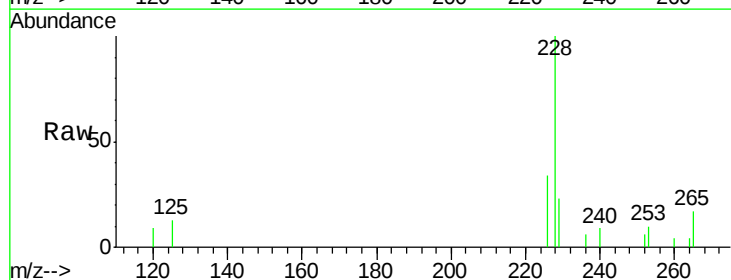
Instrument :
BNA_E
ClientSampleId :

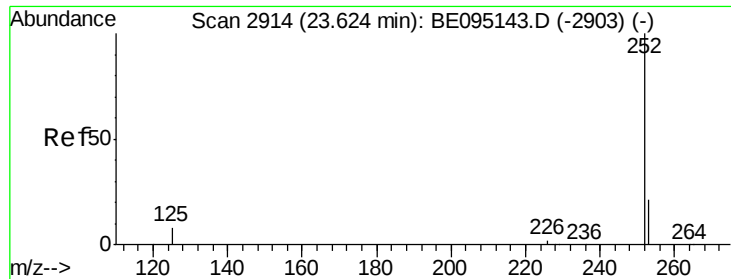
Tot Ion:228 Resp: 3937
Ion Ratio Lower Upper
228 100
229 24.6 22.8 34.2
226 29.3 17.0 25.6#



#19
Chrysene
Concen: 0.055 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:228 Resp: 3062
Ion Ratio Lower Upper
228 100
226 33.7 23.4 35.0
229 23.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.058 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BE095151.D

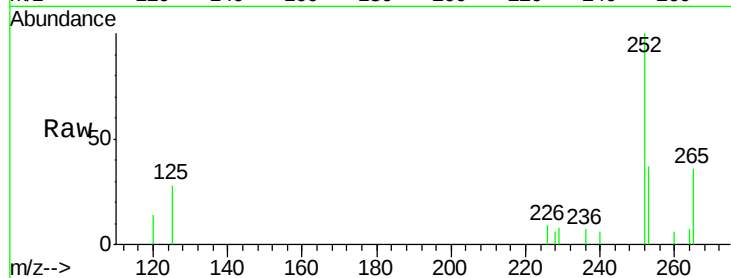
Acq: 27 Jan 2018 5:04

Instrument :

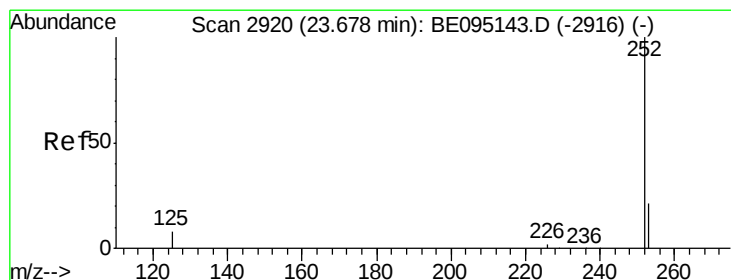
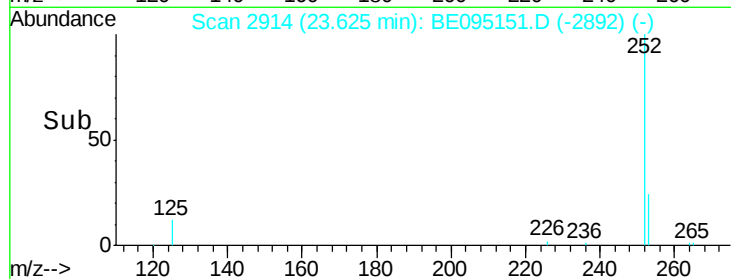
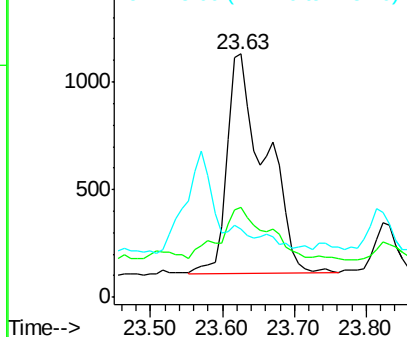
BNA_E

ClientSampleId :

Tot Ion:252	Resp:	3817
Ion Ratio	Lower	Upper
252	100	
253	37.1	0.0 64.2
125	28.2	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: 0.063 ng/ul

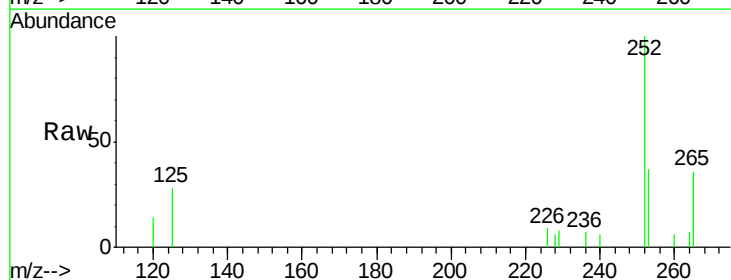
RT: 23.63 min Scan# 2914

Delta R.T. -0.05 min

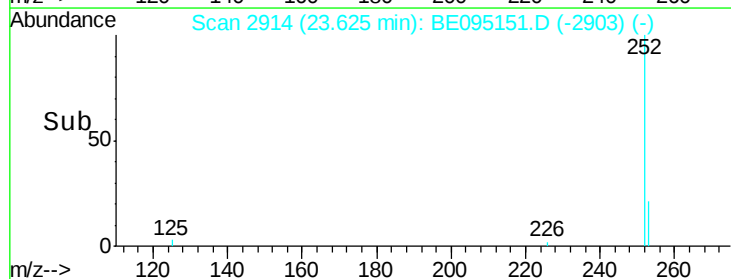
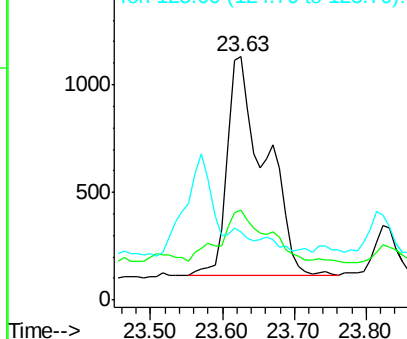
Lab File: BE095151.D

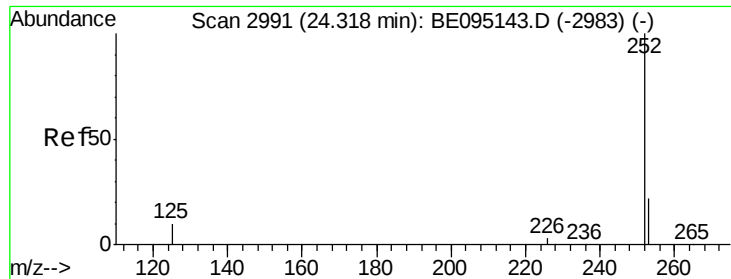
Acq: 27 Jan 2018 5:04

Tgt Ion:252	Resp:	3779
Ion Ratio	Lower	Upper
252	100	
253	37.1	24.5 36.7#
125	28.2	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: 0.025 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

Instrument :

BNA_E

ClientSampleId :

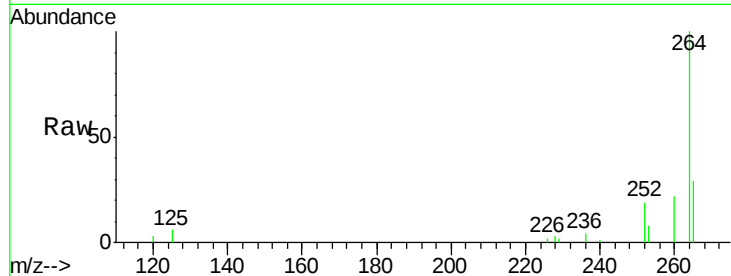
Tot Ion:252 Resp: 1447

Ion Ratio Lower Upper

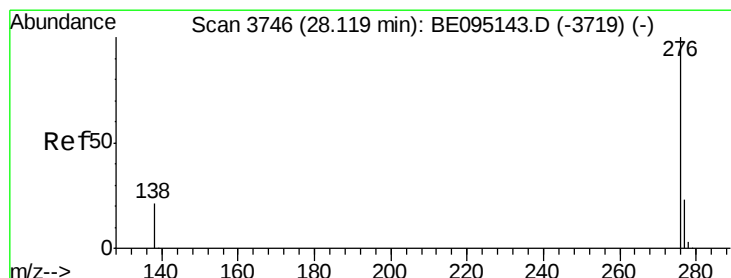
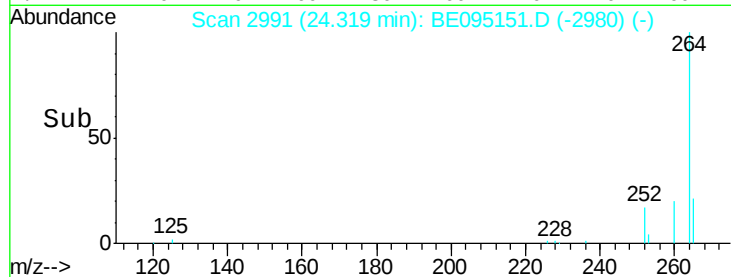
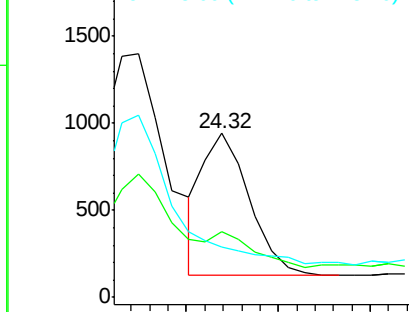
252 100

253 40.0 28.5 42.7

125 30.6 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



#26

Benzo(g,h,i)perylene

Concen: 0.021 ng/ul

RT: 28.12 min Scan# 3747

Delta R.T. 0.00 min

Lab File: BE095151.D

Acq: 27 Jan 2018 5:04

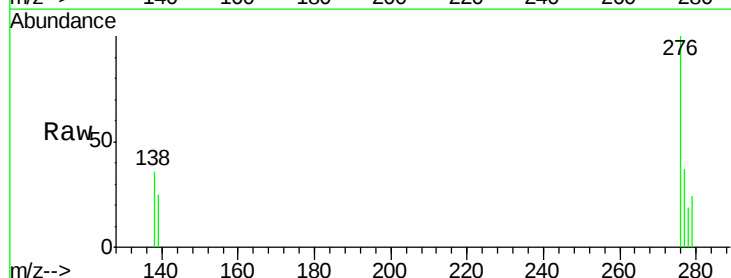
Tgt Ion:276 Resp: 1124

Ion Ratio Lower Upper

276 100

138 35.7 21.8 32.8#

277 36.5 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

