

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095197.D
 Acq On : 28 Jan 2018 9:18
 Operator : SJ/JU
 Sample : J1174-16DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 01:25:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 01:25:04 2018
 Response via : Initial Calibration

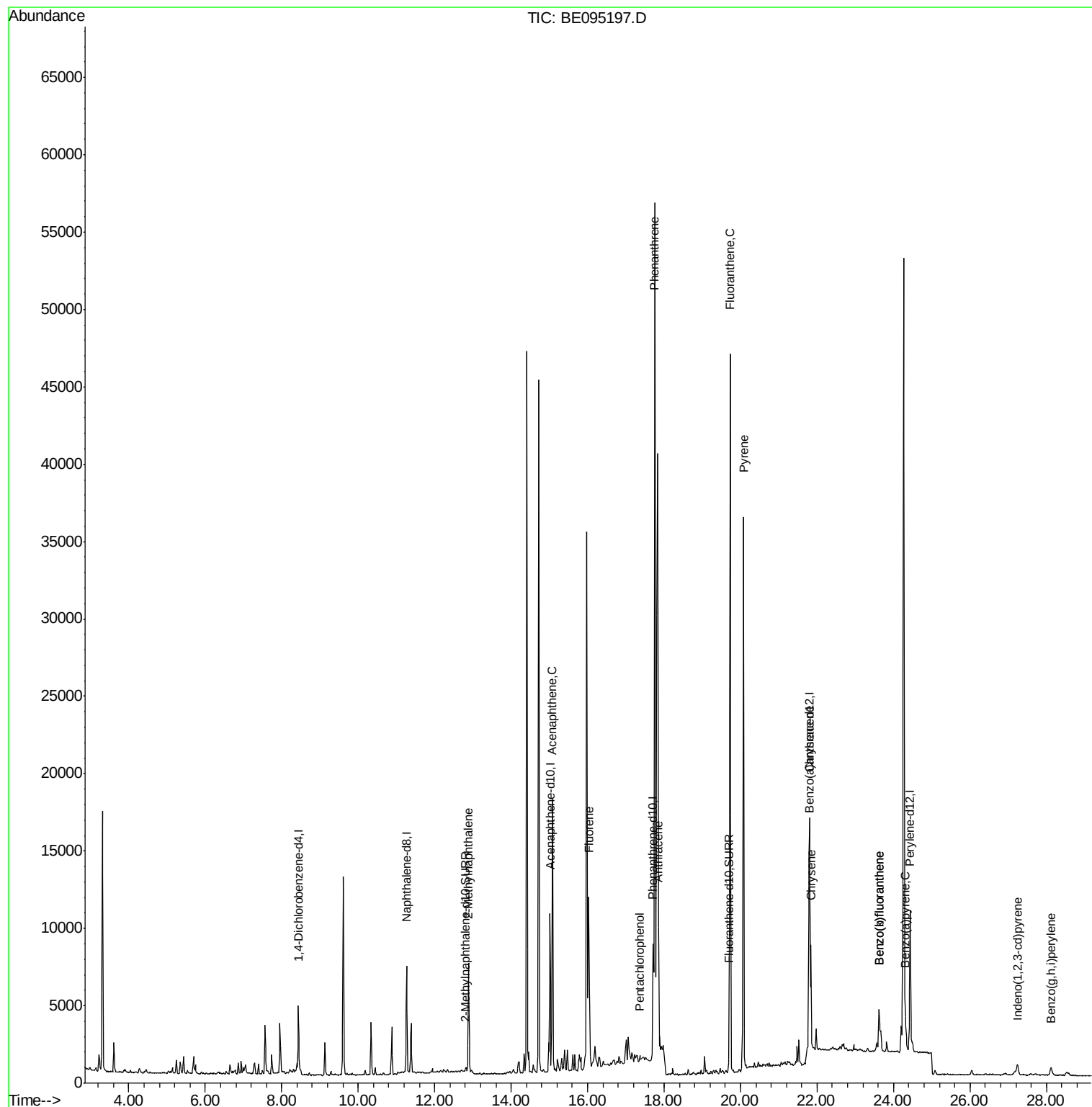
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2965	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9481	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5941	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13193	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	14063	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	13341	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	380	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1080	0.02	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	5675	0.320	ng/ul	100
8) Acenaphthene	15.08	153	10448	0.471	ng/ul	97
9) Fluorene	16.03	166	9966	0.436	ng/ul#	74
11) Pentachlorophenol	17.36	266	113	0.044	ng/ul	97
12) Phenanthrene	17.75	178	63154	1.423	ng/ul#	87
13) Anthracene	17.85	178	9119	0.225	ng/ul#	92
15) Fluoranthene	19.72	202	51679	0.900	ng/ul	84
17) Pyrene	20.08	202	39172	0.830	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	8212	0.187	ng/ul#	88
19) Chrysene	21.84	228	7193	0.158	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	7196	0.153	ng/ul	92
22) Benzo(k)fluoranthene	23.62	252	7196	0.167	ng/ul#	93
23) Benzo(a)pyrene	24.32	252	3180	0.076	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	27.24	276	1349	0.029	ng/ul#	79
26) Benzo(a,h,i)perylene	28.11	276	1231	0.032	ng/ul#	77

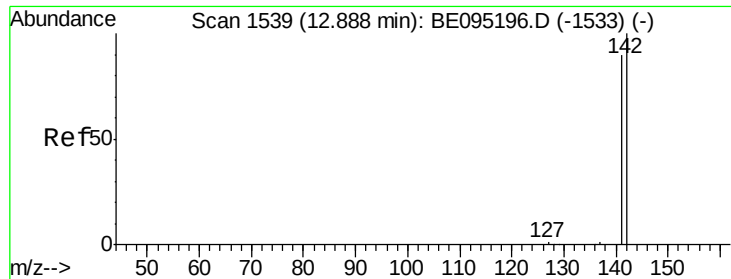
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.320 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

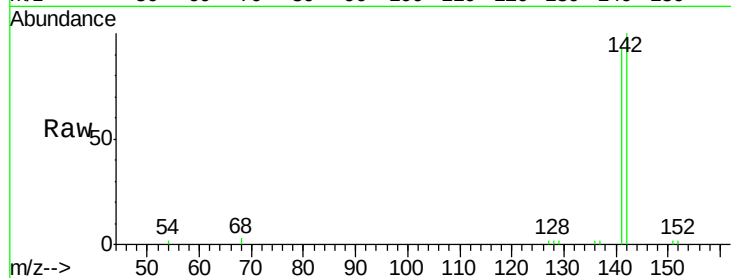
ClientSampleId :

Tot Ion:142 Resp: 5675

Ion Ratio Lower Upper

142 100

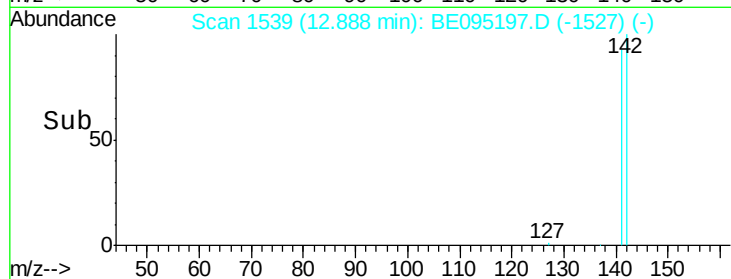
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89



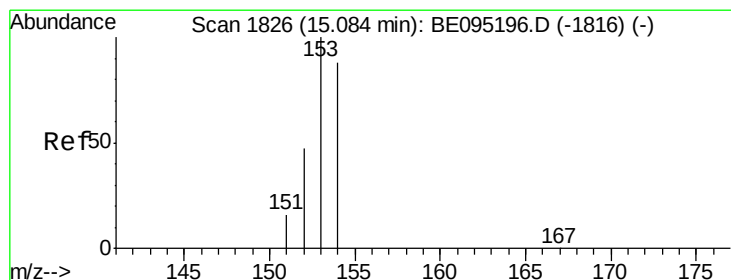
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

Time-->



#8

Acenaphthene

Concen: 0.471 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

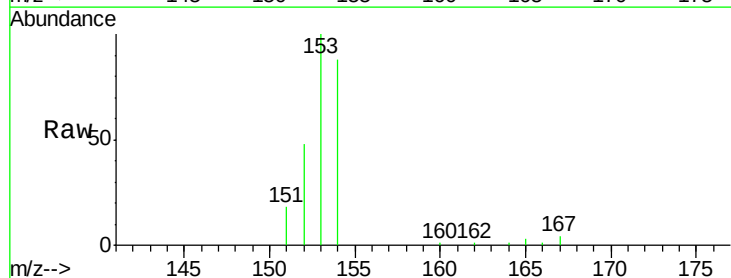
Tgt Ion:153 Resp: 10448

Ion Ratio Lower Upper

153 100

152 48.4 36.0 54.0

154 87.6 72.0 108.0

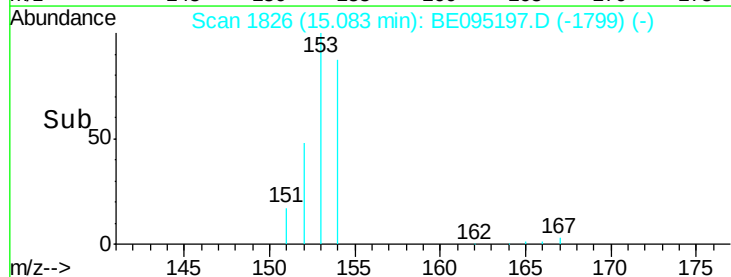


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

15.08



Abundance

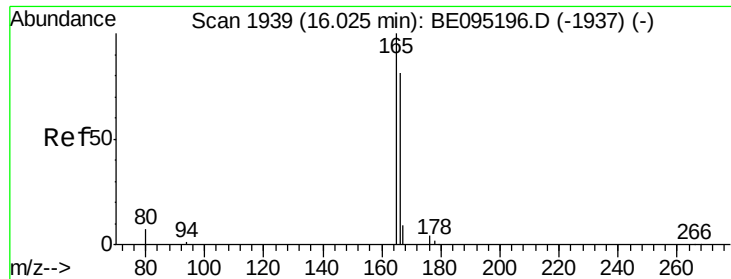
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

15.08

Time-->



#9

Fluorene

Concen: 0.436 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

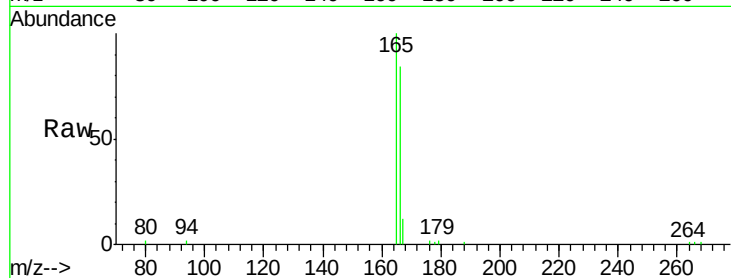
Tot Ion:166 Resp: 9966

Ion Ratio Lower Upper

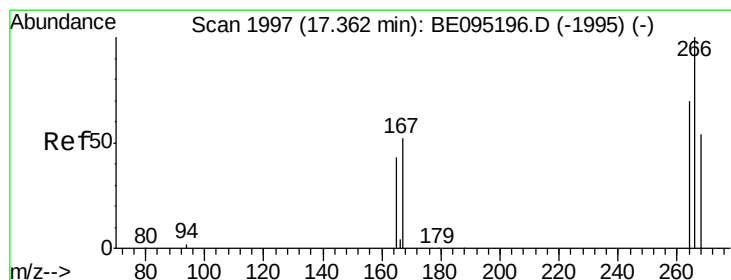
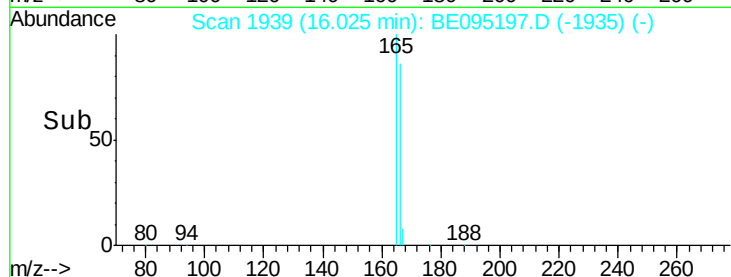
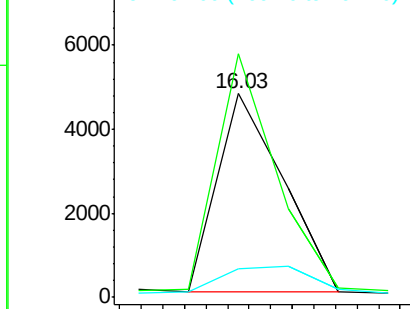
166 100

165 119.7 73.4 110.2#

167 14.0 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: 0.044 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

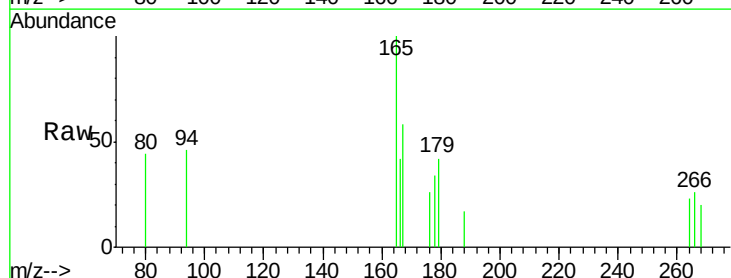
Tgt Ion:266 Resp: 113

Ion Ratio Lower Upper

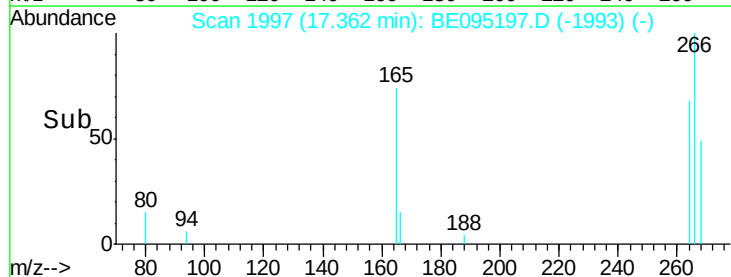
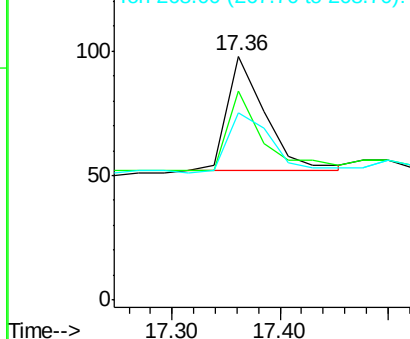
266 100

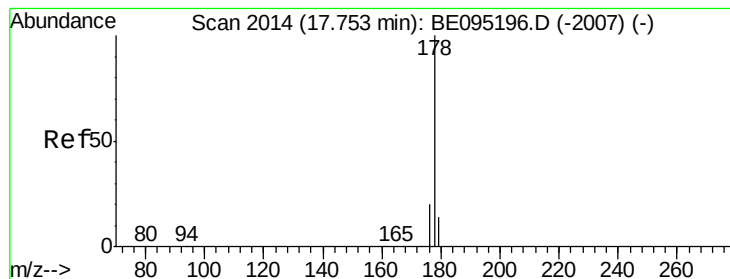
264 64.6 47.9 71.9

268 62.8 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: 1.423 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

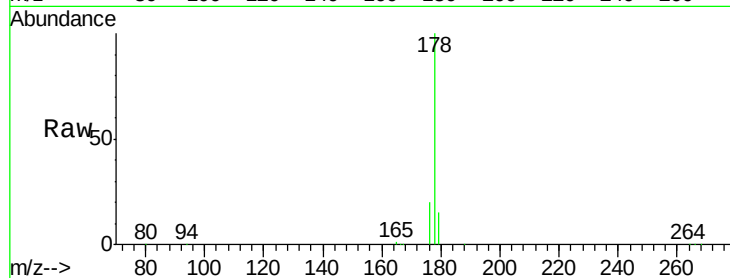
Tot Ion:178 Resp: 63154

Ion Ratio Lower Upper

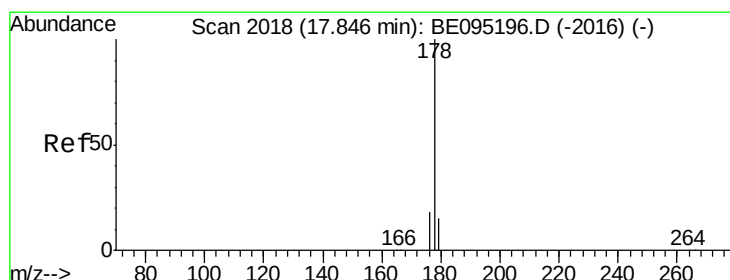
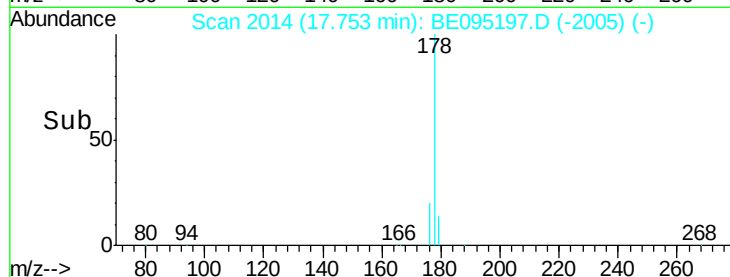
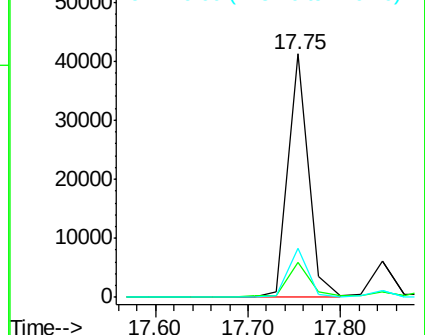
178 100

179 14.6 18.4 27.6#

176 20.2 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: 0.225 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

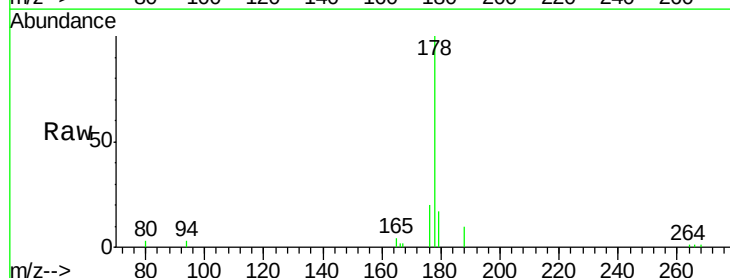
Tgt Ion:178 Resp: 9119

Ion Ratio Lower Upper

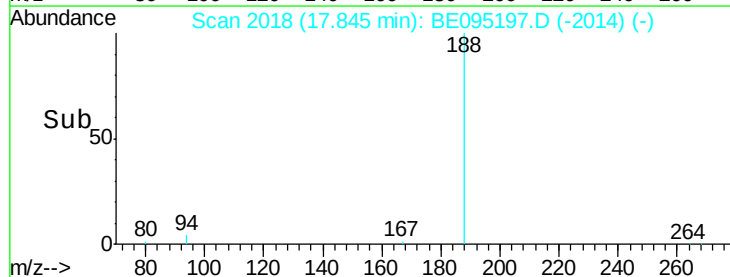
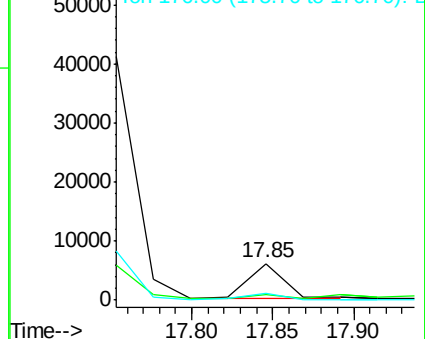
178 100

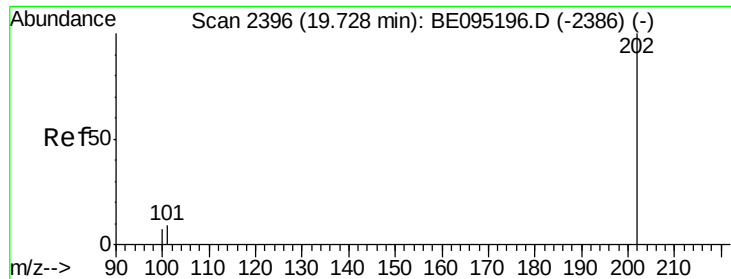
179 16.8 18.1 27.1#

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: 0.900 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

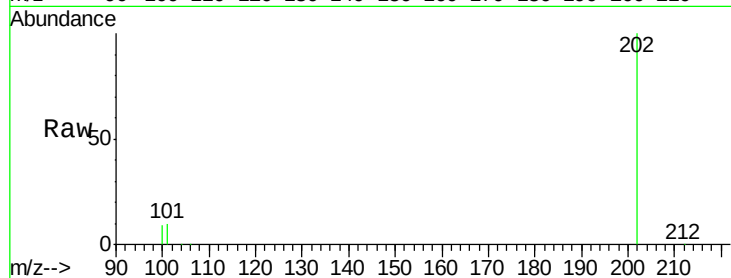
Tot Ion:202 Resp: 51679

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

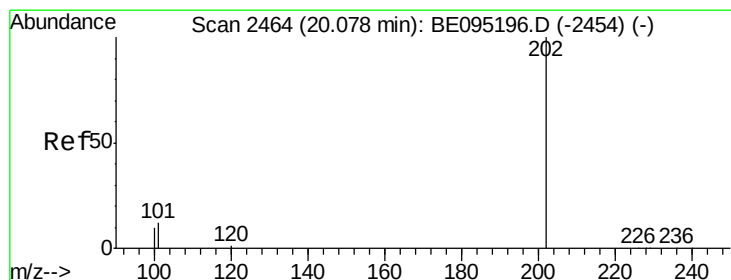
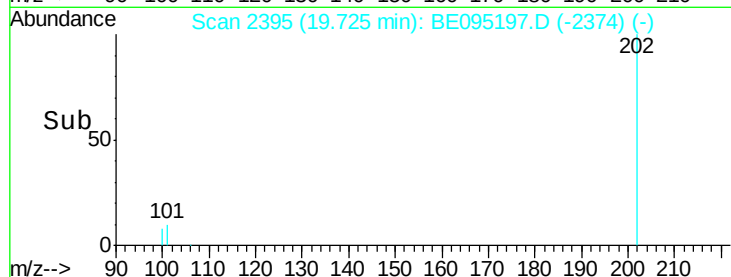
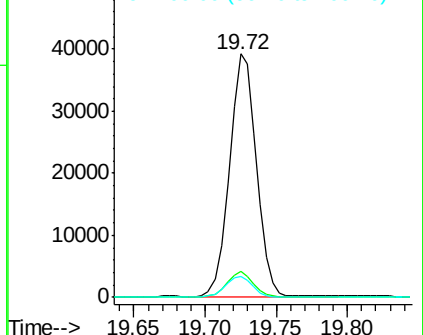
100 8.6 0.0 39.5



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: 0.830 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

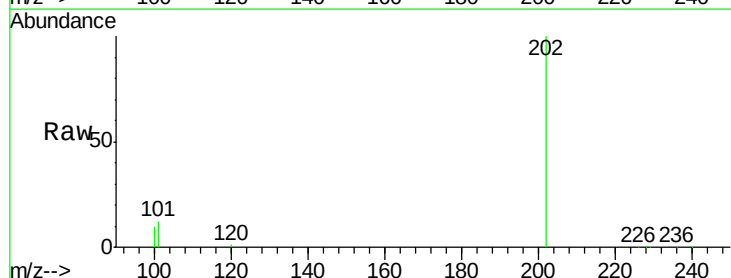
Tgt Ion:202 Resp: 39172

Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

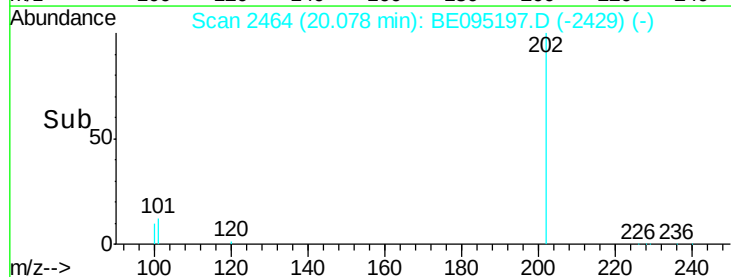
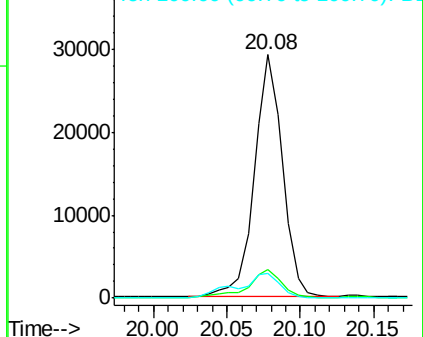
100 10.4 15.6 23.4#

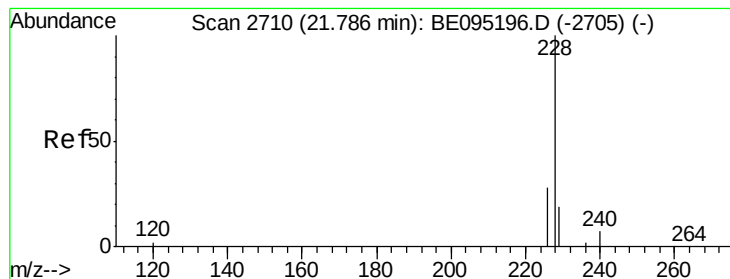


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.187 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

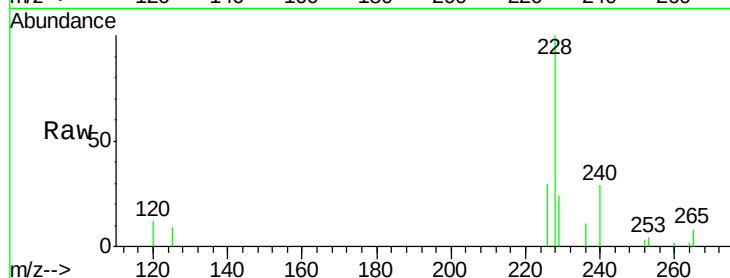
Tot Ion:228 Resp: 8212

Ion Ratio Lower Upper

228 100

229 24.3 22.8 34.2

226 29.7 17.0 25.6#



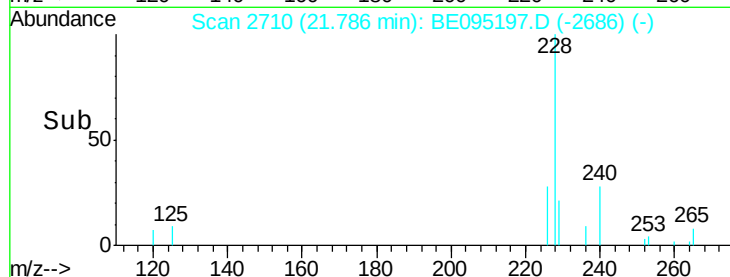
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

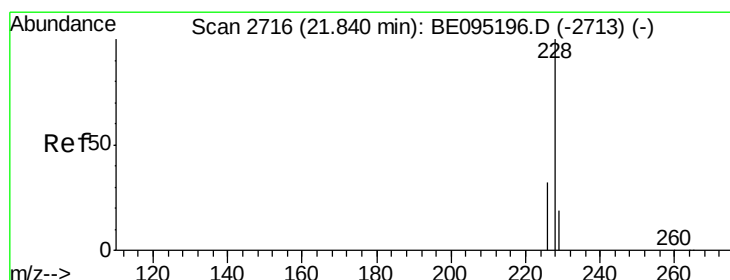
21.79

Time-->



21.79

Time-->



#19

Chrysene

Concen: 0.158 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

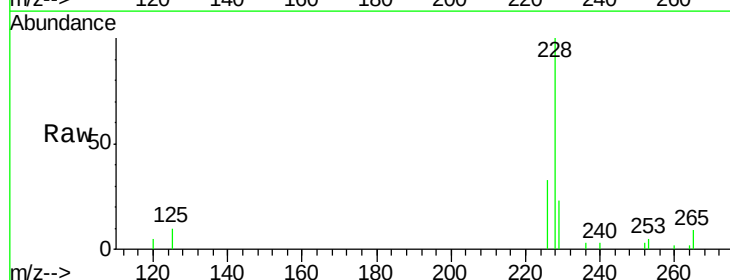
Tgt Ion:228 Resp: 7193

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

229 23.4 17.7 26.5



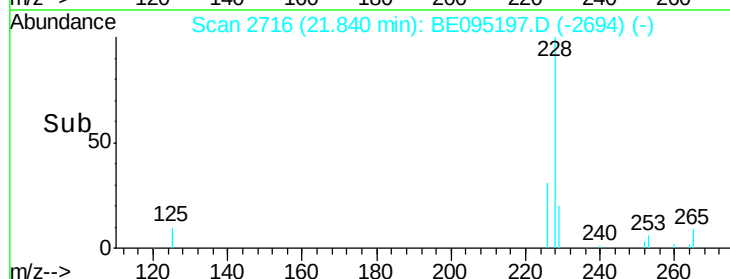
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

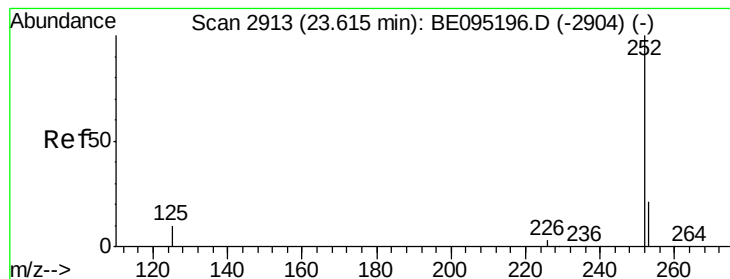
21.84

Time-->



21.84

Time-->



#21

Benzo(b)fluoranthene

Concen: 0.153 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

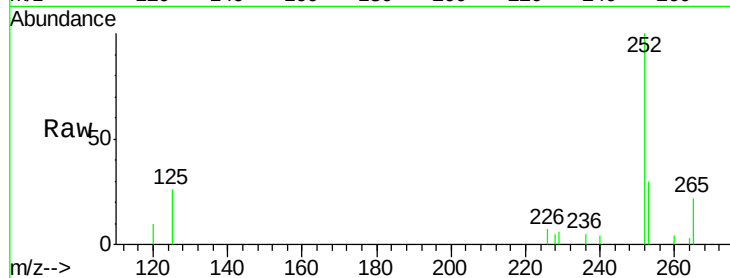
Tot Ion:252 Resp: 7196

Ion Ratio Lower Upper

252 100

253 30.5 0.0 64.2

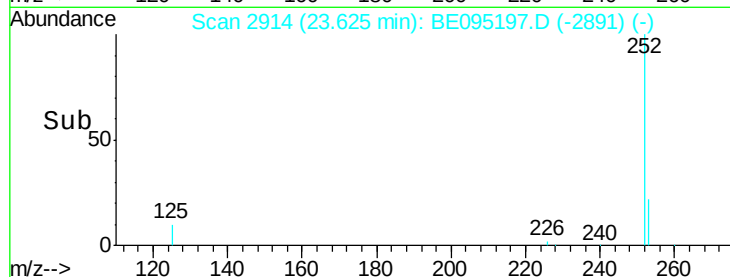
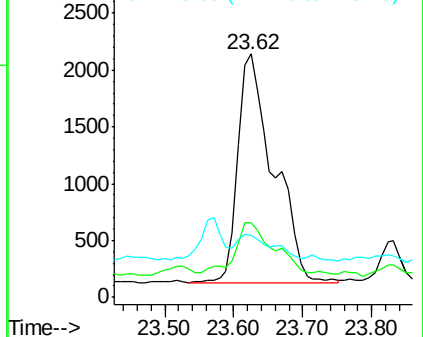
125 25.5 0.0 35.0



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: 0.167 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.04 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

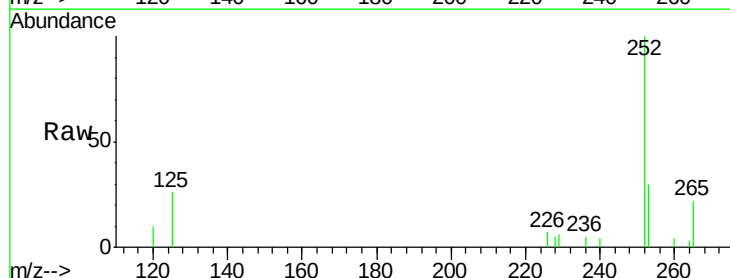
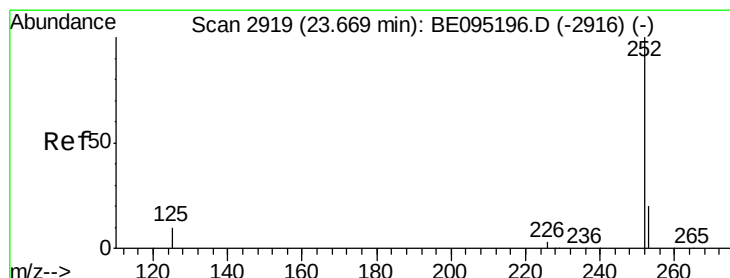
Tgt Ion:252 Resp: 7196

Ion Ratio Lower Upper

252 100

253 30.5 24.5 36.7

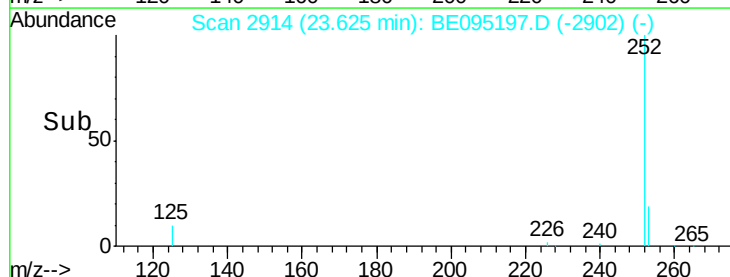
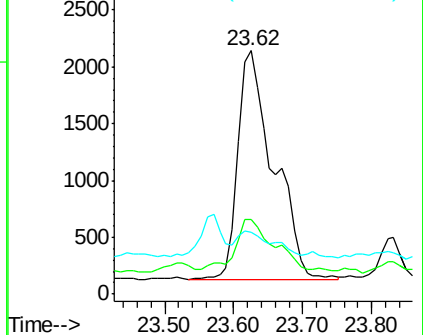
125 25.5 13.7 20.5#

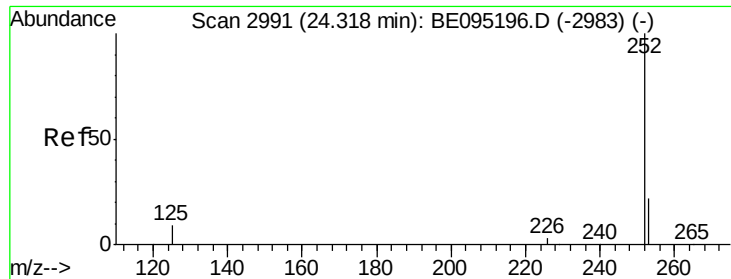


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.076 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :

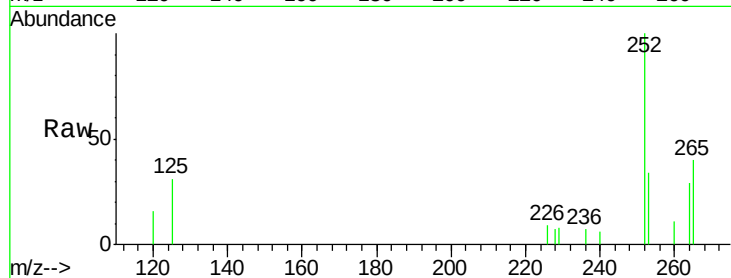
Tot Ion:252 Resp: 3180

Ion Ratio Lower Upper

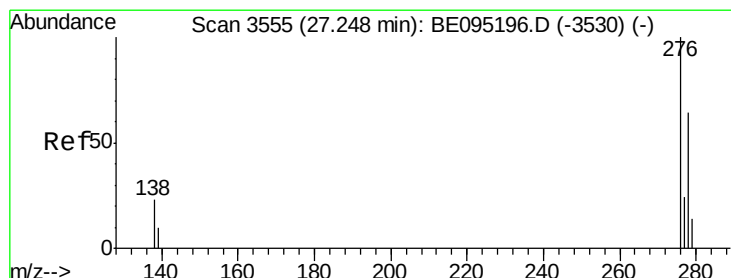
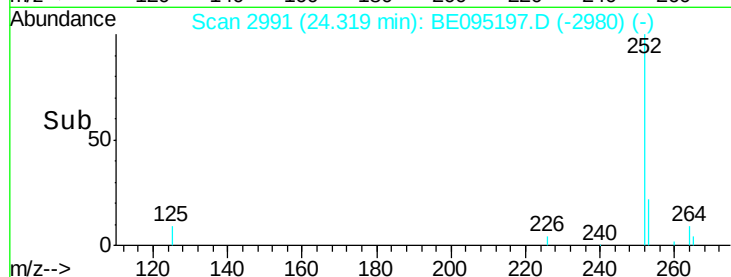
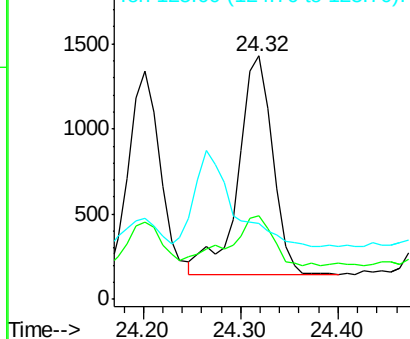
252 100

253 34.1 28.5 42.7

125 31.1 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: 0.029 ng/ul

RT: 27.24 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

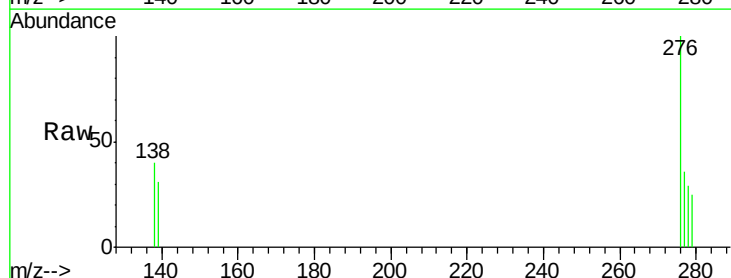
Tgt Ion:276 Resp: 1349

Ion Ratio Lower Upper

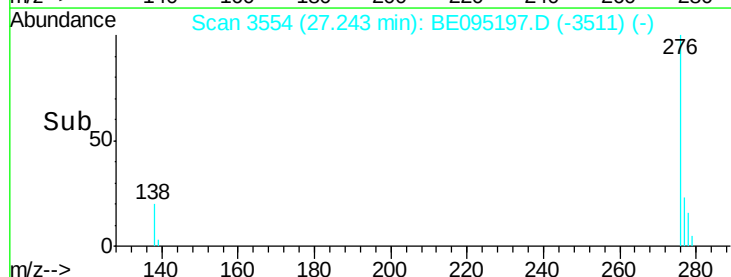
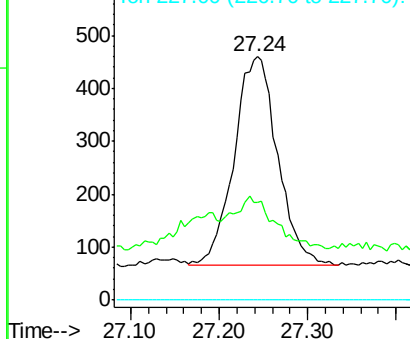
276 100

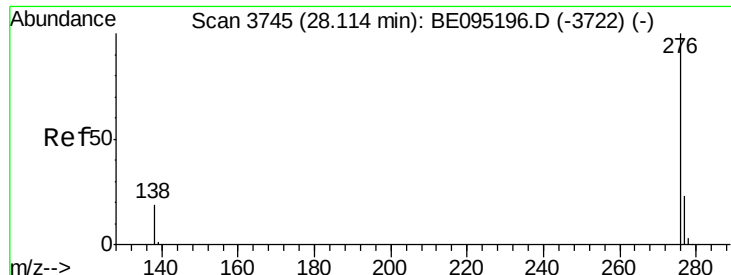
138 23.9 28.0 42.0#

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





#26

Benzo(a,h,i)perylene

Concen: 0.032 ng/ul

RT: 28.11 min Scan# 3745

Delta R.T. -0.00 min

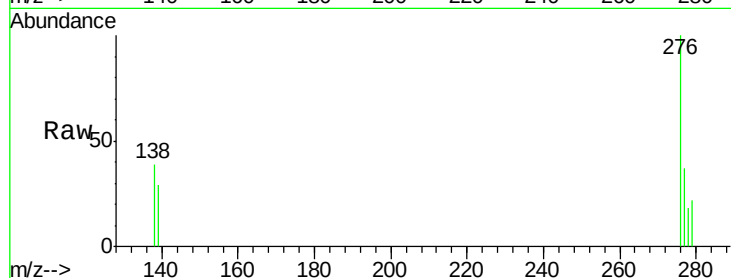
Lab File: BE095197.D

Acq: 28 Jan 2018 9:18

Instrument :

BNA_E

ClientSampleId :



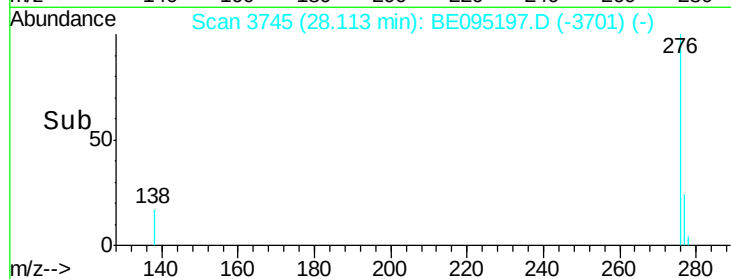
Tot Ion: 276 Resp: 1231

Ion Ratio Lower Upper

276 100

138 39.1 21.8 32.8#

277 37.1 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

