

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095152.D
 Acq On : 27 Jan 2018 5:40
 Operator : SJ/JU
 Sample : J1174-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A02

Quant Time: Jan 27 22:35:49 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

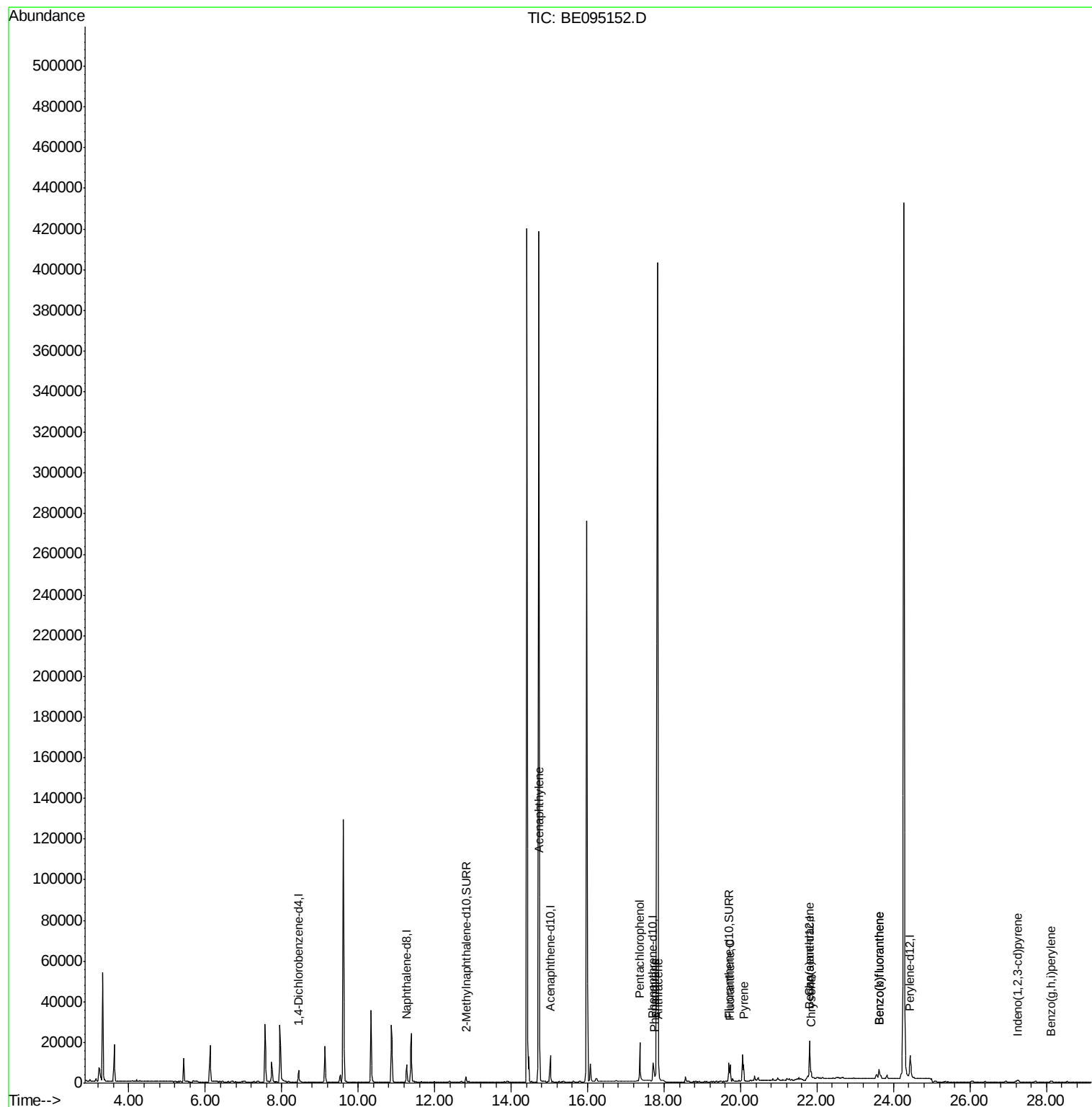
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3733	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11973	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7329	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	15350	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	17388	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	18140	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3303	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10050	0.17	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.74	152	1174	0.033	ng/ul#	85
11) Pentachlorophenol	17.36	266	12288	4.133	ng/ul	96
12) Phenanthrene	17.75	178	2374	0.046	ng/ul#	89
13) Anthracene	17.85	178	3892	0.082	ng/ul	93
15) Fluoranthene	19.73	202	9304	0.139	ng/ul	83
17) Pyrene	20.08	202	9714	0.166	ng/ul#	83
18) Benzo(a)anthracene	21.79	228	3418	0.063	ng/ul#	85
19) Chrysene	21.84	228	5206	0.092	ng/ul#	90
21) Benzo(b)fluoranthene	23.63	252	10482	0.164	ng/ul	94
22) Benzo(k)fluoranthene	23.63	252	10482	0.179	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	27.24	276	1822	0.029	ng/ul#	81
26) Benzo(g,h,i)perylene	28.12	276	1445	0.027	ng/ul#	78

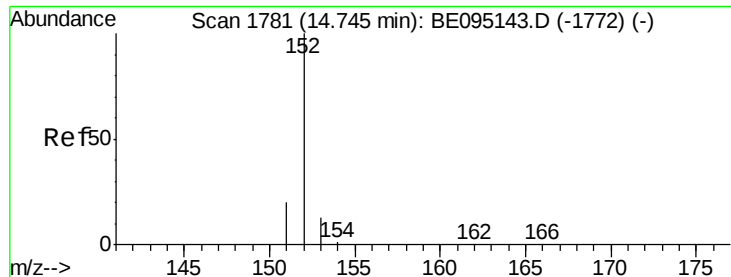
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6A02

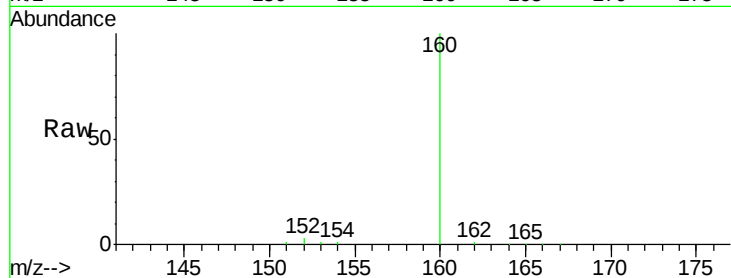
Tgt Ion:152 Resp: 1174

Ion Ratio Lower Upper

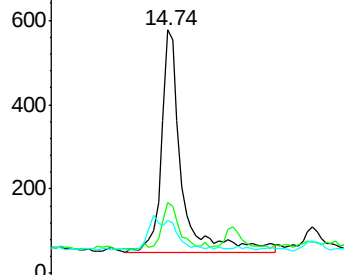
152 100

151 28.9 17.1 25.7#

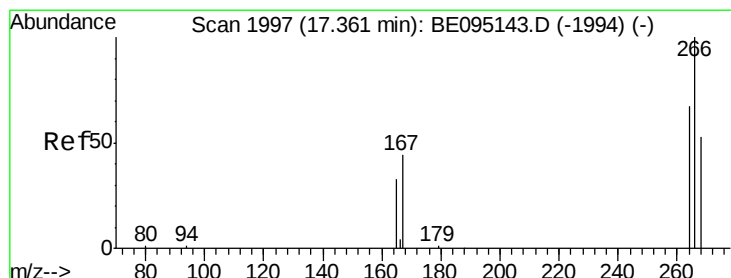
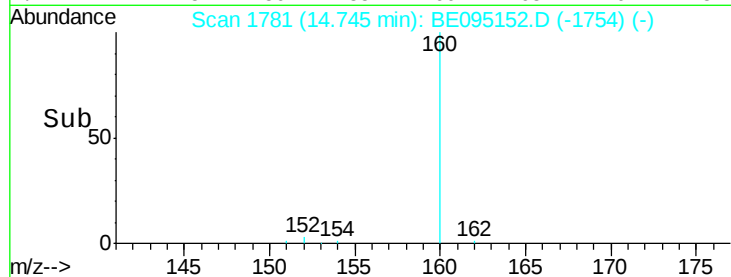
153 21.8 12.8 19.2#



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



Time--> 14.60 14.80



#11

Pentachlorophenol

Concen: 4.133 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

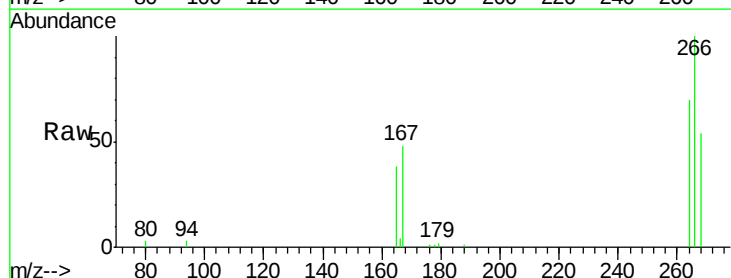
Tgt Ion:266 Resp: 12288

Ion Ratio Lower Upper

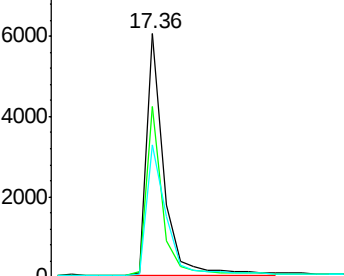
266 100

264 65.5 47.9 71.9

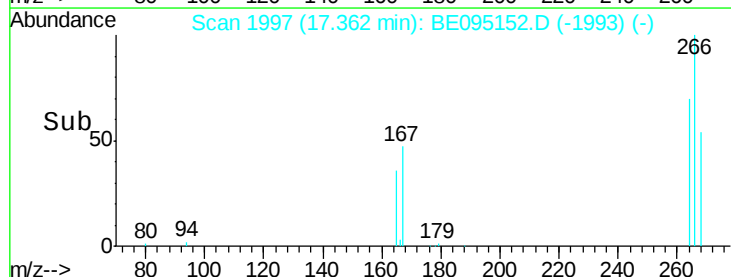
268 61.2 49.8 74.8

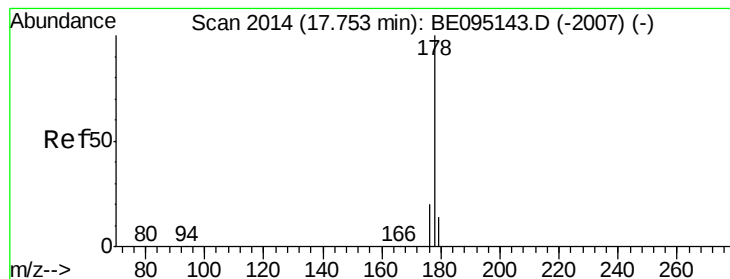


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time--> 17.20 17.40 17.60





#12

Phenanthrene

Concen: 0.046 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6A02

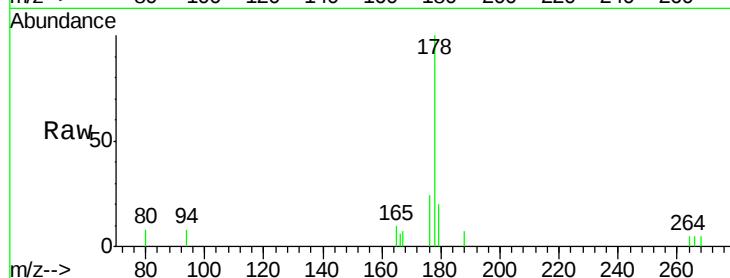
Tgt Ion:178 Resp: 2374

Ion Ratio Lower Upper

178 100

179 19.8 18.4 27.6

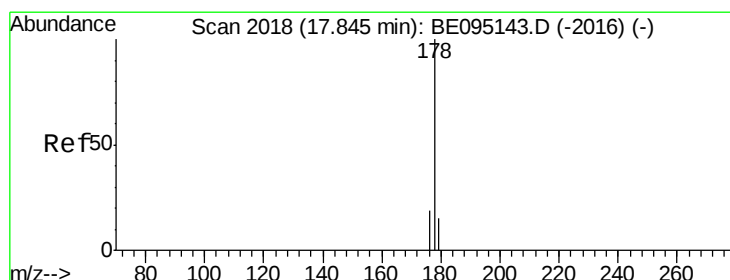
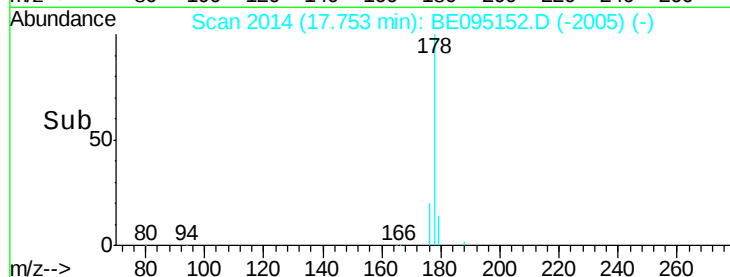
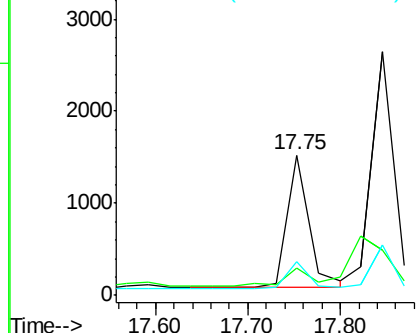
176 23.9 13.6 20.4#



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: 0.082 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

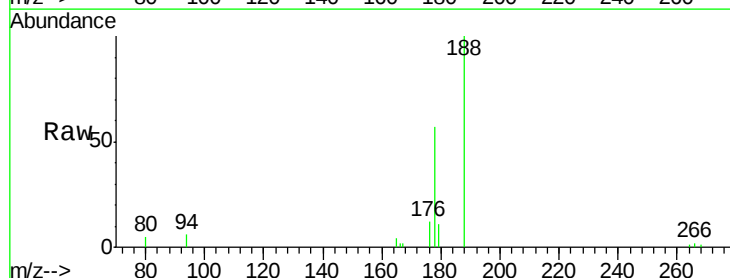
Tgt Ion:178 Resp: 3892

Ion Ratio Lower Upper

178 100

179 18.6 18.1 27.1

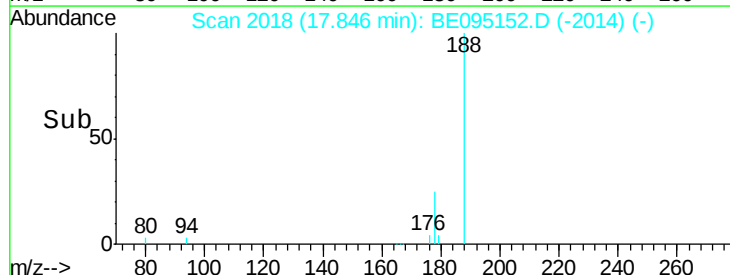
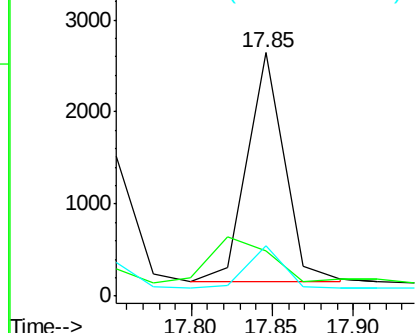
176 20.7 14.7 22.1

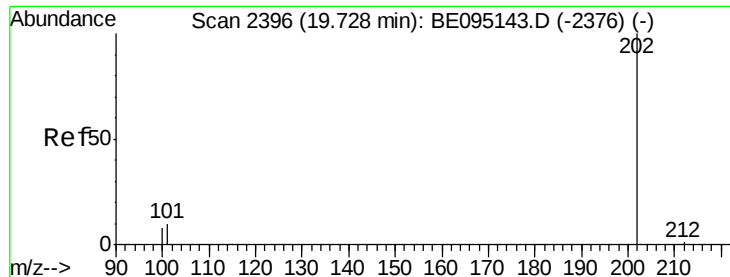


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.139 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6A02

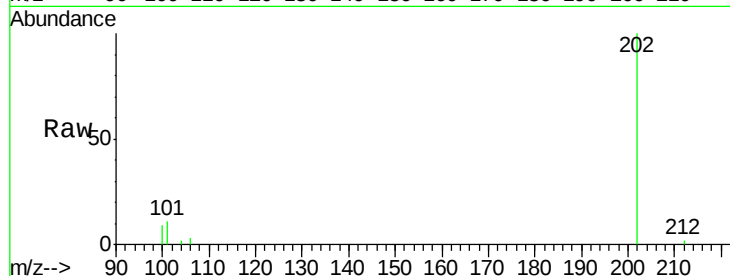
Tgt Ion:202 Resp: 9304

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

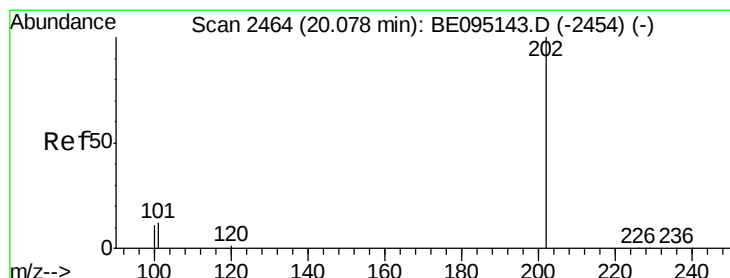
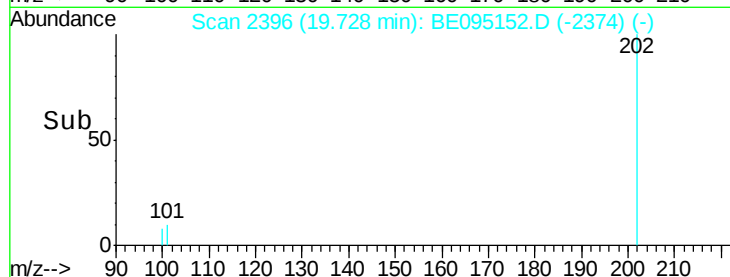
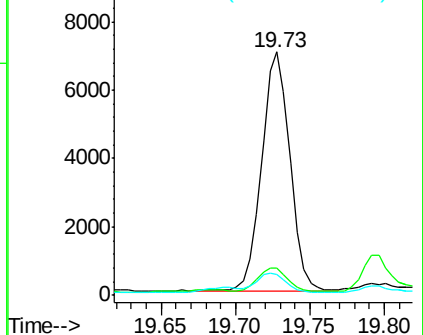
100 8.5 0.0 39.5



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: 0.166 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

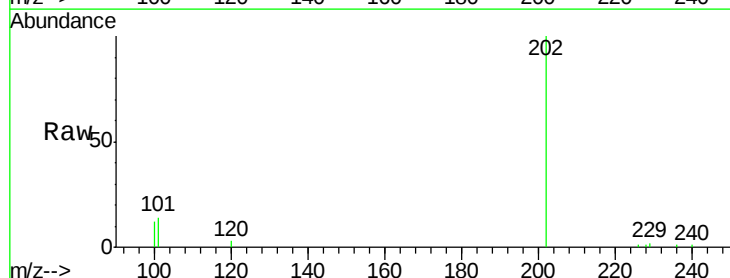
Tgt Ion:202 Resp: 9714

Ion Ratio Lower Upper

202 100

101 13.9 18.2 27.4#

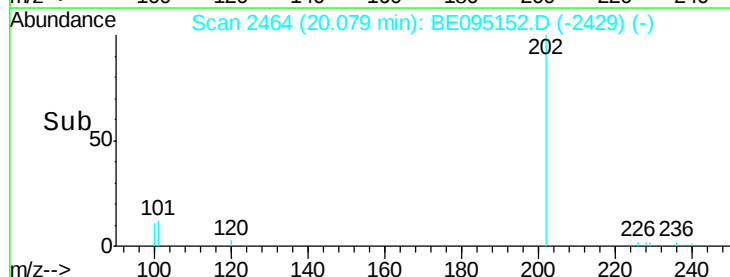
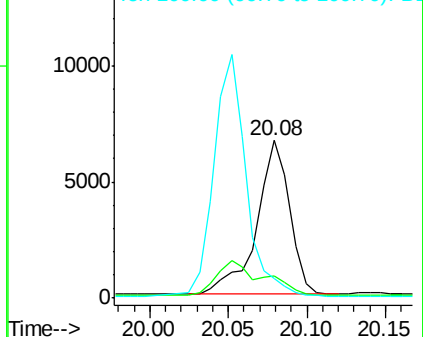
100 12.3 15.6 23.4#

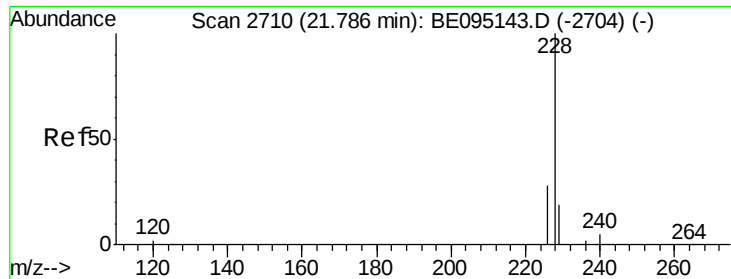


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.063 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6A02

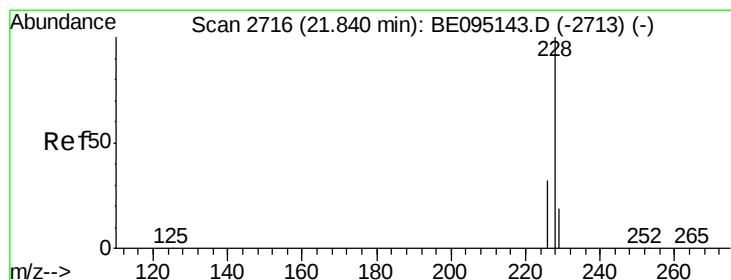
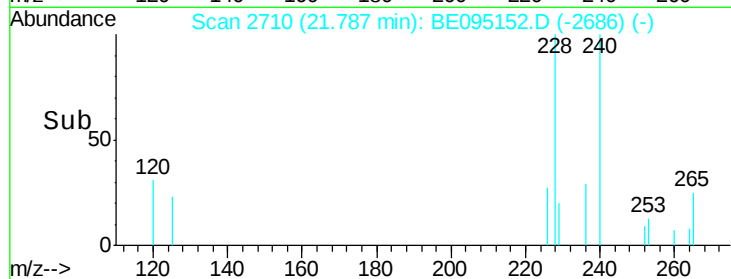
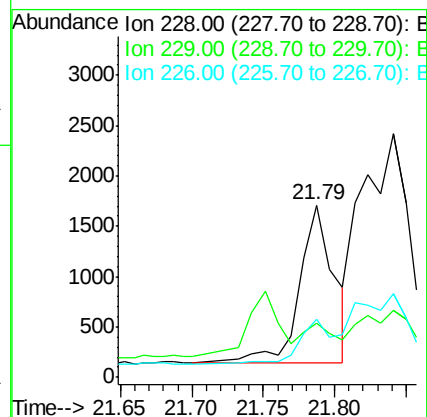
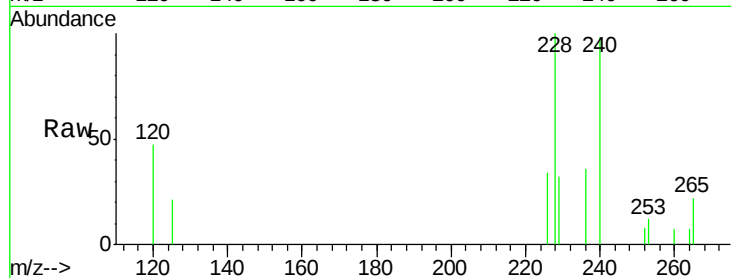
Tgt Ion:228 Resp: 3418

Ion Ratio Lower Upper

228 100

229 31.8 22.8 34.2

226 33.8 17.0 25.6#



#19

Chrysene

Concen: 0.092 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

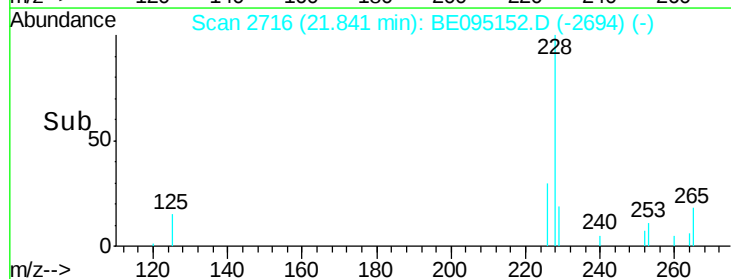
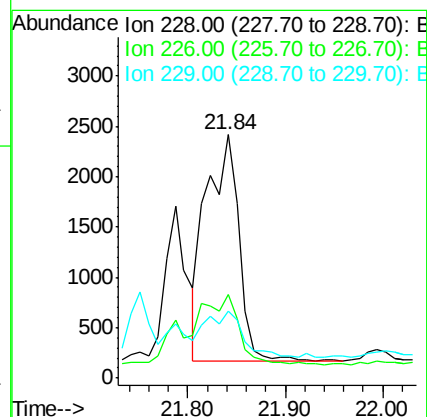
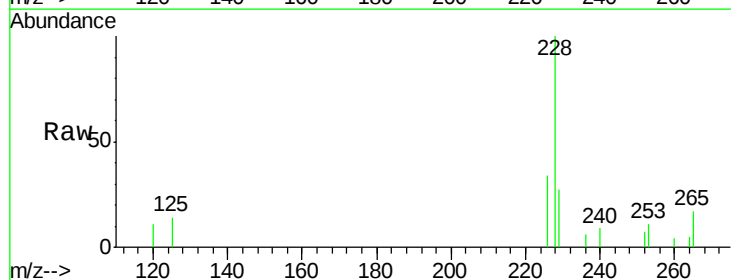
Tgt Ion:228 Resp: 5206

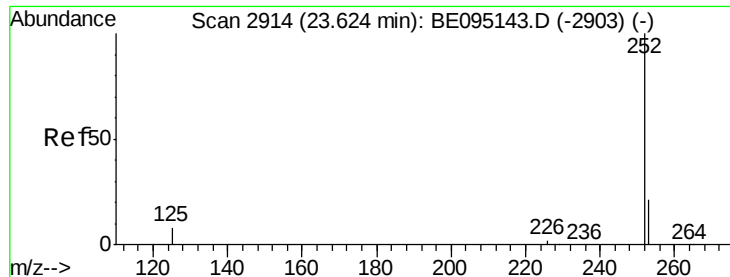
Ion Ratio Lower Upper

228 100

226 34.2 23.4 35.0

229 27.3 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.164 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6A02

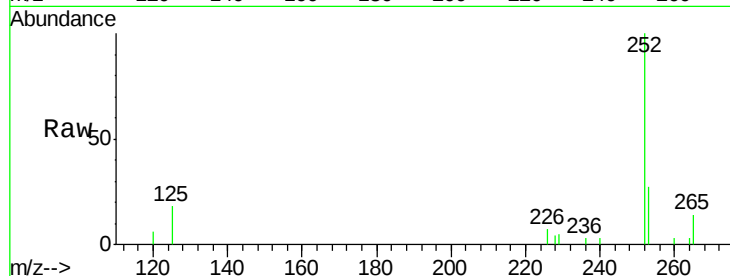
Tgt Ion:252 Resp: 10482

Ion Ratio Lower Upper

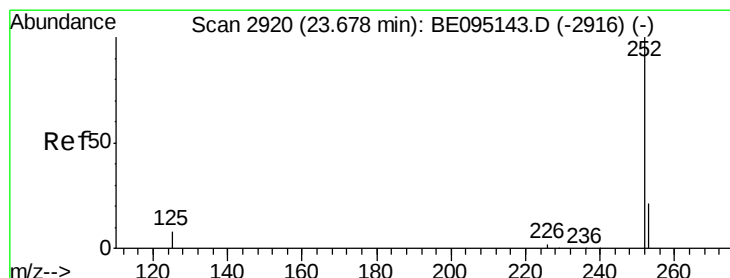
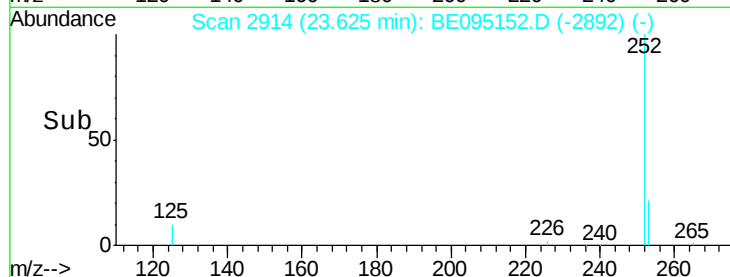
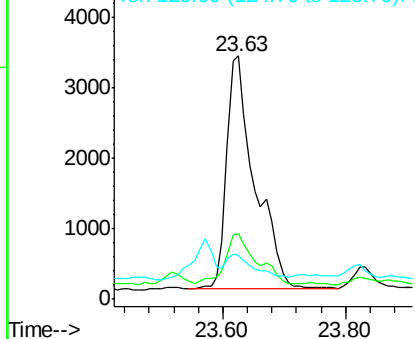
252 100

253 26.9 0.0 64.2

125 18.0 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: 0.179 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

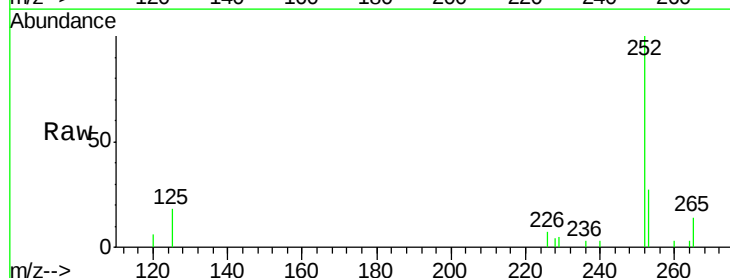
Tgt Ion:252 Resp: 10482

Ion Ratio Lower Upper

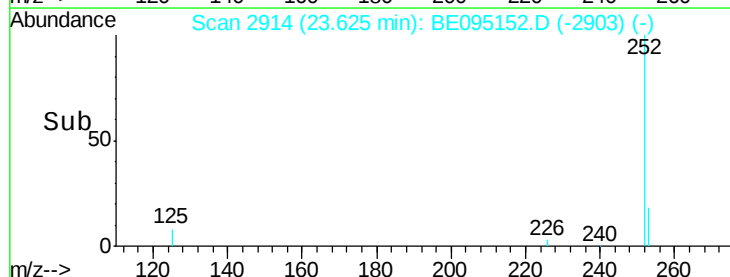
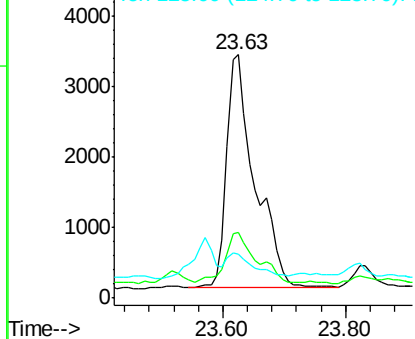
252 100

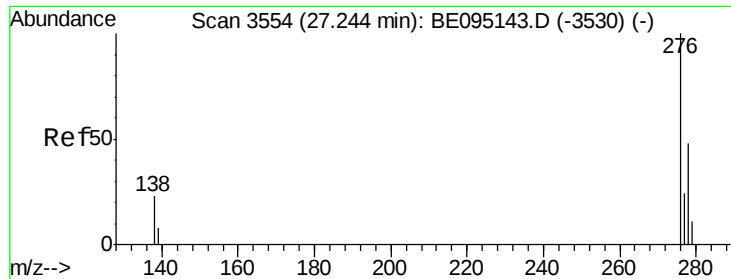
253 26.9 24.5 36.7

125 18.0 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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/u1

RT: 27.24 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6A02

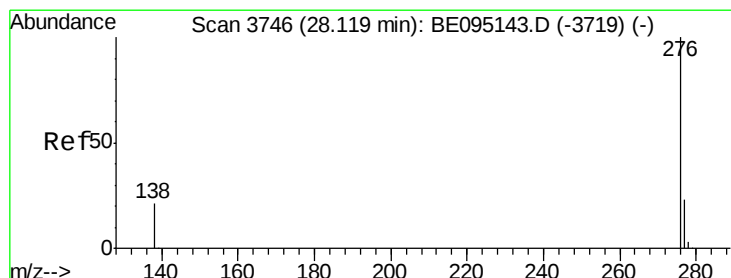
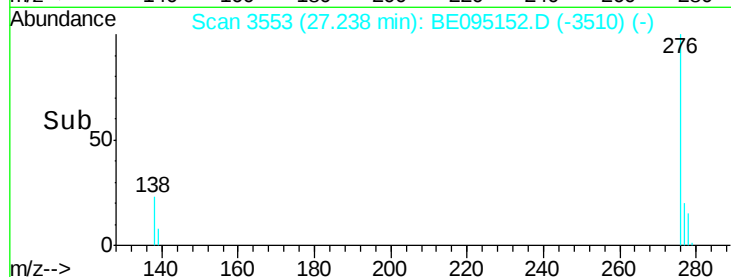
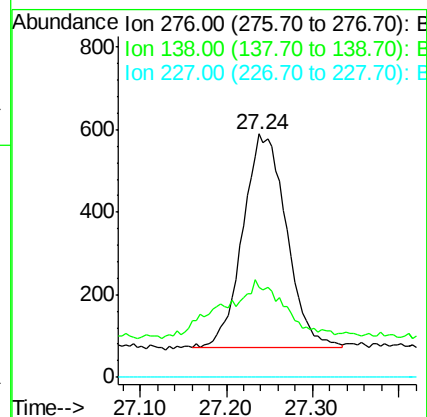
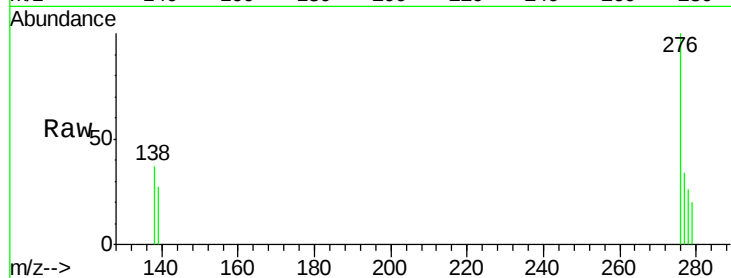
Tgt Ion:276 Resp: 1822

Ion Ratio Lower Upper

276 100

138 25.5 28.0 42.0#

227 0.0 8.0 12.0#



#26

Benzo(g,h,i)perylene

Concen: 0.027 ng/u1

RT: 28.12 min Scan# 3747

Delta R.T. 0.00 min

Lab File: BE095152.D

Acq: 27 Jan 2018 5:40

Tgt Ion:276 Resp: 1445

Ion Ratio Lower Upper

276 100

138 38.8 21.8 32.8#

277 36.8 20.5 30.7#

