

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095307.D
 Acq On : 31 Jan 2018 9:00
 Operator : SJ/JU
 Sample : J1233-12DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 09:42:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 08:16:13 2018
 Response via : Initial Calibration

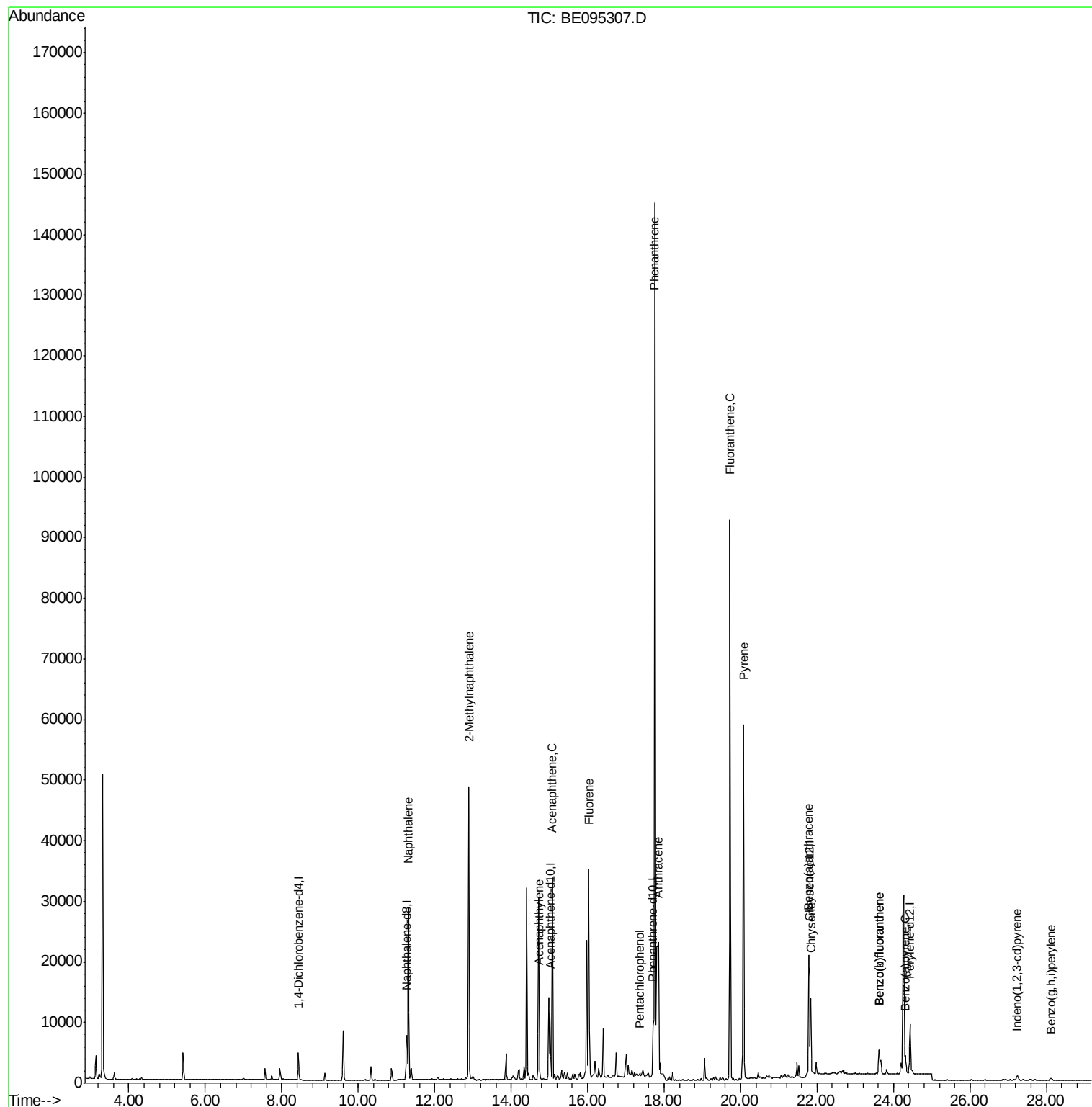
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2991	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9651	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6241	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12630	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	13216	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12582	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	260	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	646	0.01	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	38718	1.433	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	39620	2.196	ng/ul	100
7) Acenaphthylene	14.74	152	897	0.030	ng/ul#	41
8) Acenaphthene	15.08	153	19301	0.829	ng/ul	94
9) Fluorene	16.03	166	26514	1.104	ng/ul#	80
11) Pentachlorophenol	17.36	266	217	0.089	ng/ul	92
12) Phenanthrene	17.75	178	162947	3.836	ng/ul#	88
13) Anthracene	17.85	178	24473	0.629	ng/ul#	92
15) Fluoranthene	19.72	202	102498	1.864	ng/ul	84
17) Pyrene	20.08	202	79579	1.794	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	19237	0.466	ng/ul#	86
19) Chrysene	21.84	228	11940	0.278	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	10797	0.243	ng/ul	92
22) Benzo(k)fluoranthene	23.62	252	10797	0.266	ng/ul	94
23) Benzo(a)pyrene	24.32	252	4577	0.115	ng/ul	89
24) Indeno(1,2,3-cd)pyrene	27.23	276	1419	0.033	ng/ul#	74
26) Benzo(a,h,i)perylene	28.12	276	885	0.024	ng/ul#	67

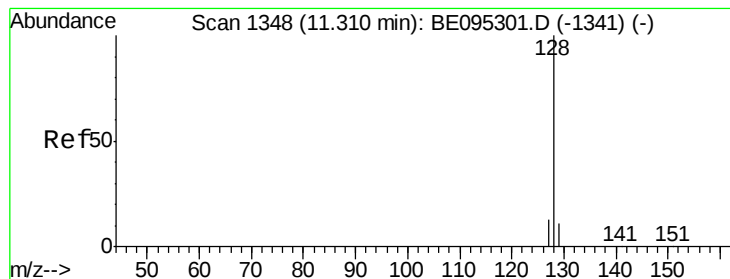
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.433 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :

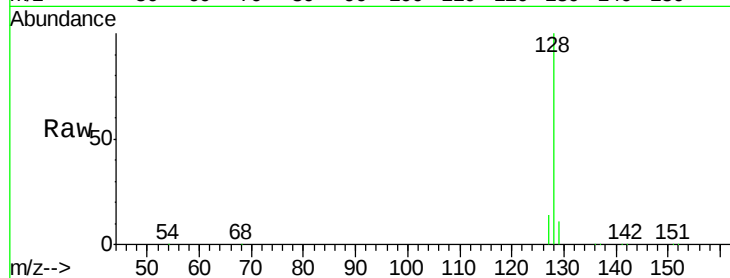
Tot Ion:128 Resp: 38718

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

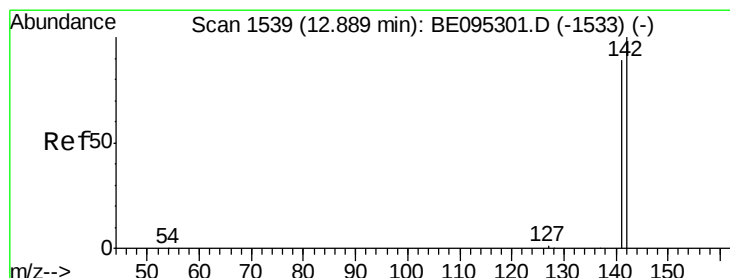
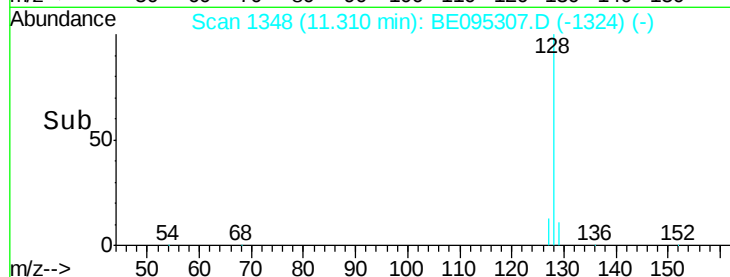
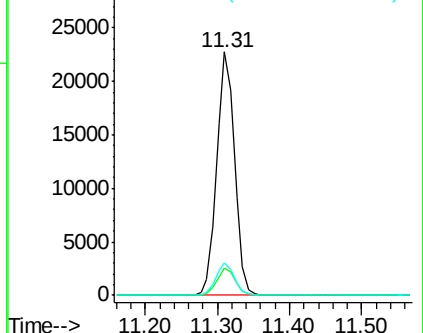
127 13.6 4.0 6.0#



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: 2.196 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095307.D

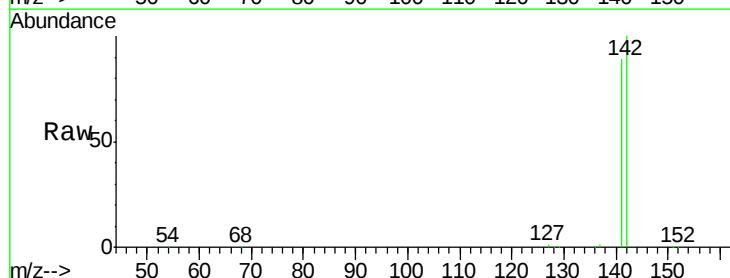
Acq: 31 Jan 2018 9:00

Tgt Ion:142 Resp: 39620

Ion Ratio Lower Upper

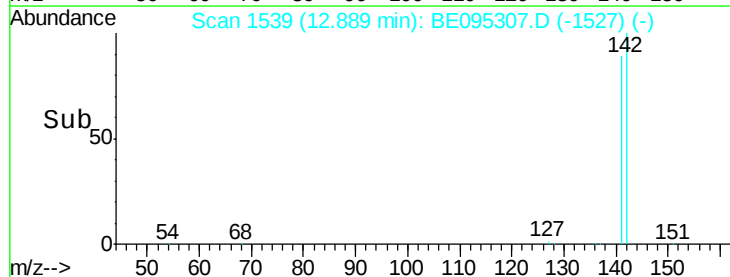
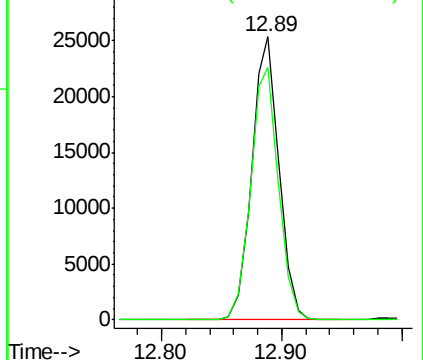
142 100

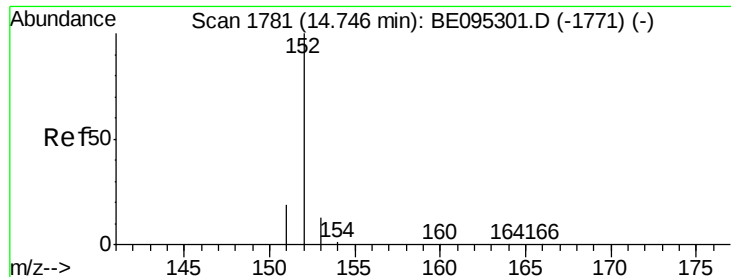
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampled :

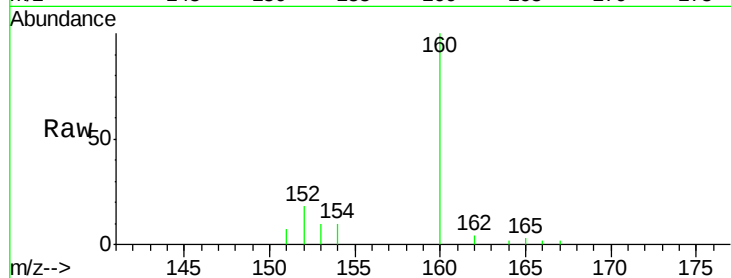
Tot Ion:152 Resp: 897

Ion Ratio Lower Upper

152 100

151 37.1 17.1 25.7#

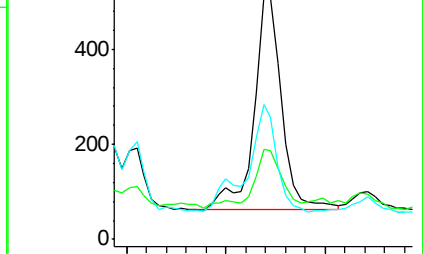
153 55.3 12.8 19.2#



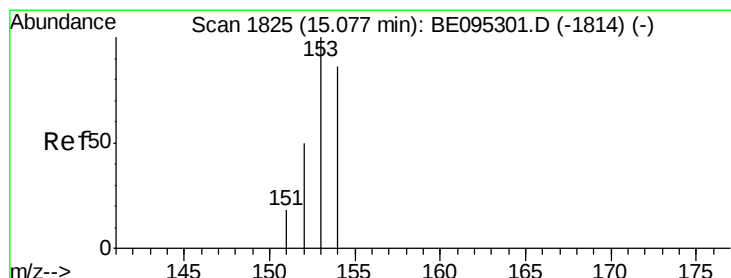
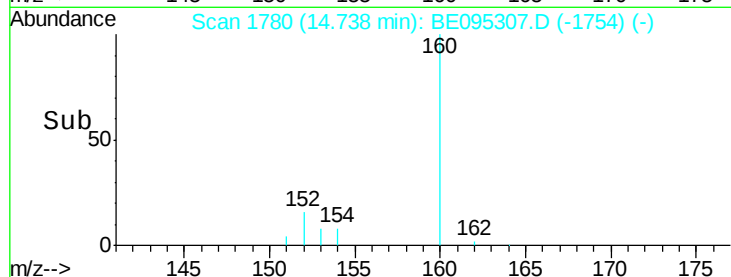
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.829 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

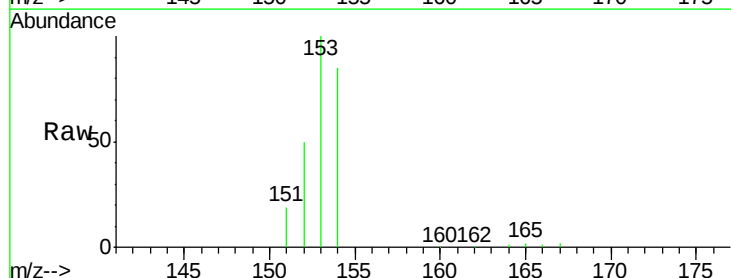
Tgt Ion:153 Resp: 19301

Ion Ratio Lower Upper

153 100

152 50.1 36.0 54.0

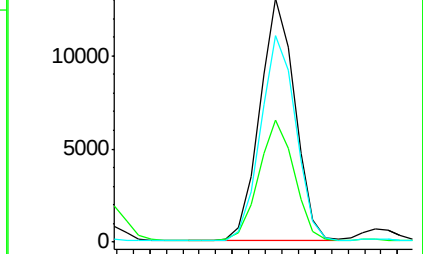
154 84.6 72.0 108.0



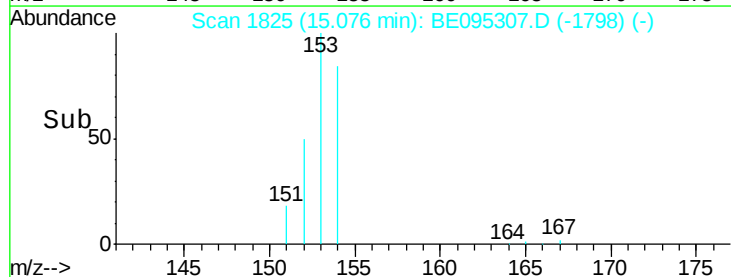
Abundance Ion 153.00 (152.70 to 153.70): E

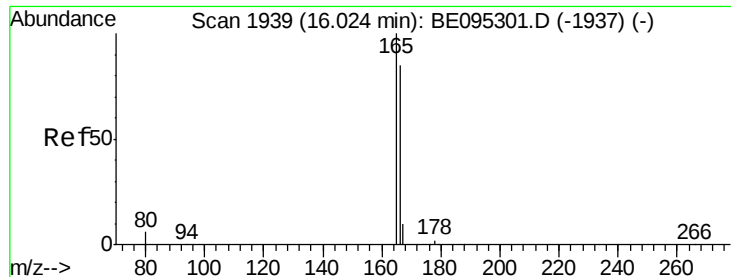
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->

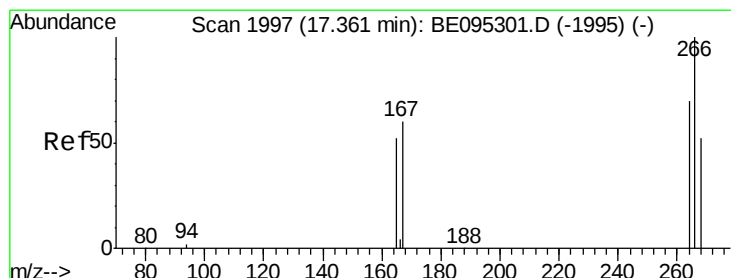
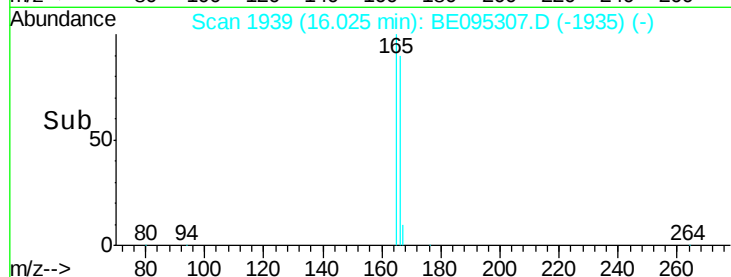
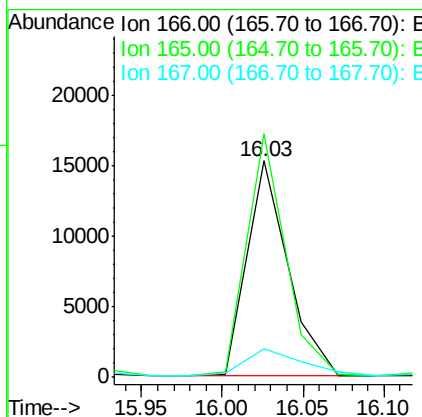
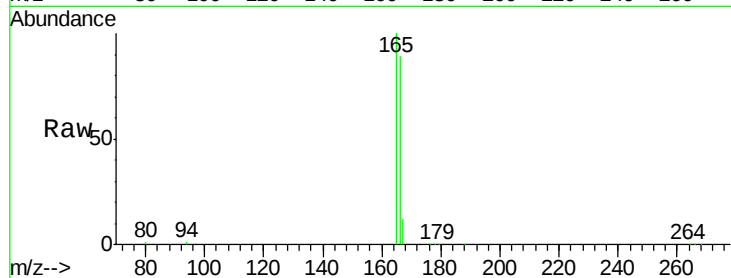




#9
Fluorene
 Concen: 1.104 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BE095307.D
 Acq: 31 Jan 2018 9:00

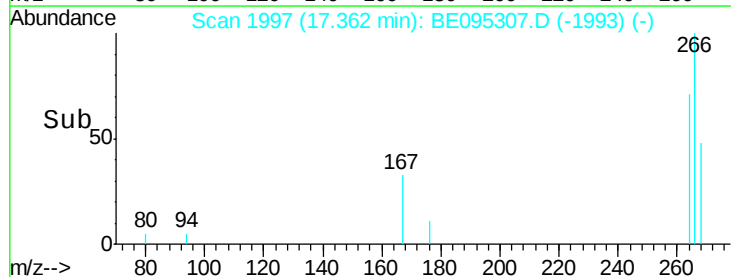
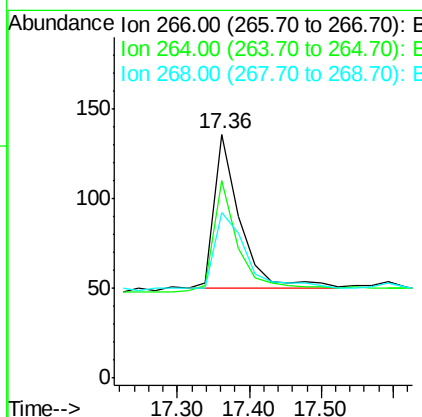
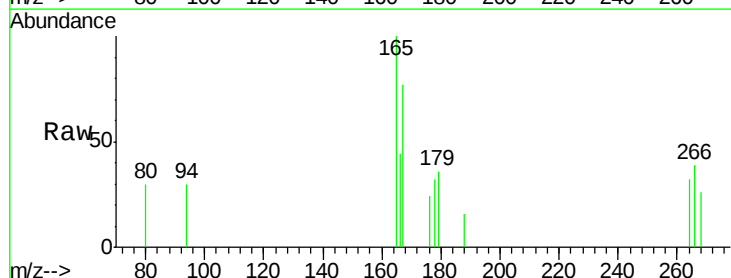
Instrument :
 BNA_E
 ClientSampleId :

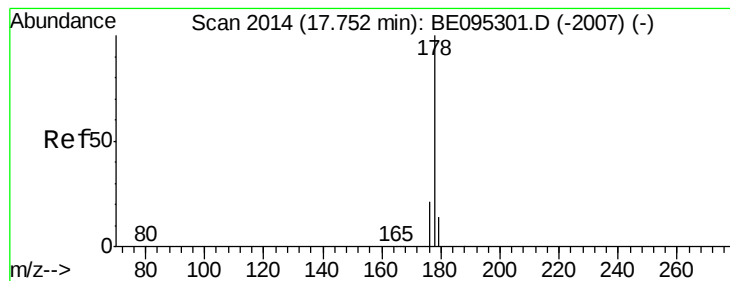
Tot Ion:166 Resp: 26514
 Ion Ratio Lower Upper
 166 100
 165 112.4 73.4 110.2#
 167 13.0 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.089 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095307.D
 Acq: 31 Jan 2018 9:00

Tgt Ion:266 Resp: 217
 Ion Ratio Lower Upper
 266 100
 264 69.6 47.9 71.9
 268 59.4 49.8 74.8





#12

Phenanthrene

Concen: 3.836 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :

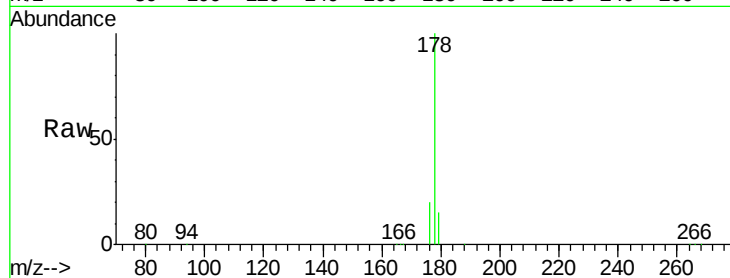
Tot Ion:178 Resp: 162947

Ion Ratio Lower Upper

178 100

179 14.9 18.4 27.6#

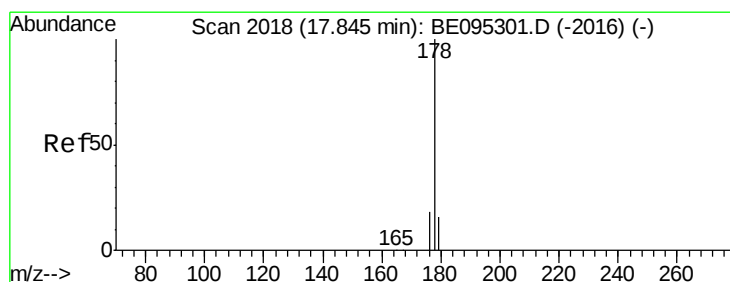
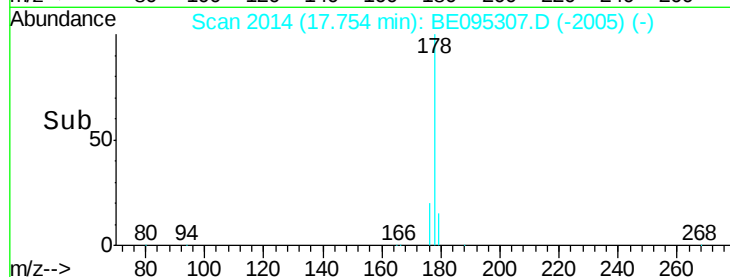
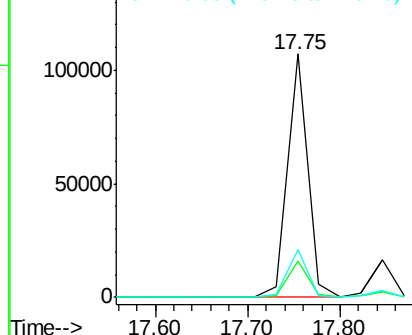
176 19.7 13.6 20.4



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: 0.629 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

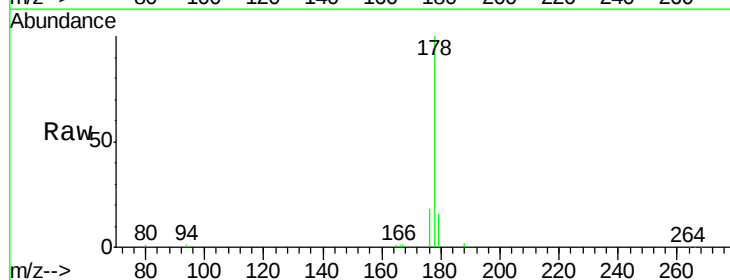
Tgt Ion:178 Resp: 24473

Ion Ratio Lower Upper

178 100

179 16.4 18.1 27.1#

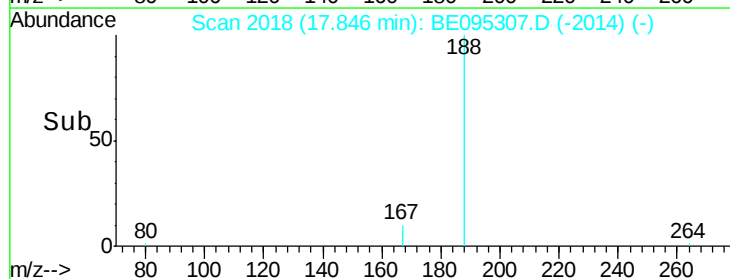
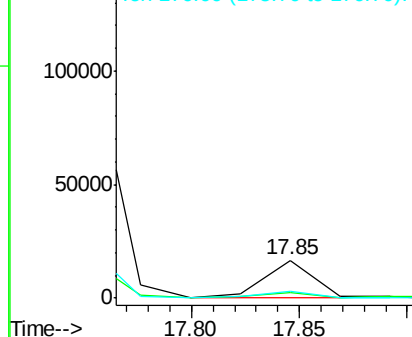
176 18.0 14.7 22.1

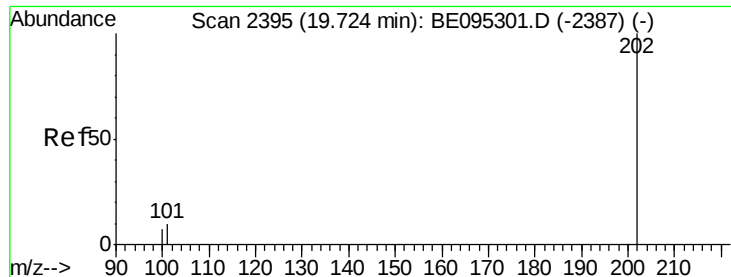


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.864 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :

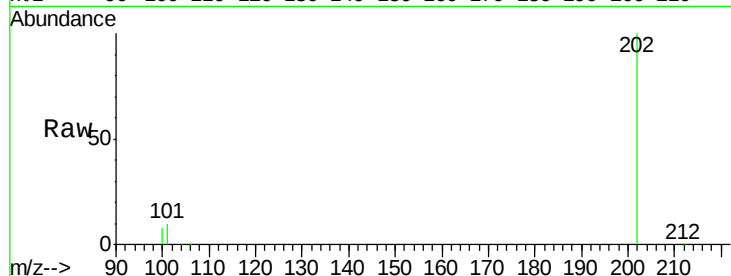
Tot Ion:202 Resp: 102498

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

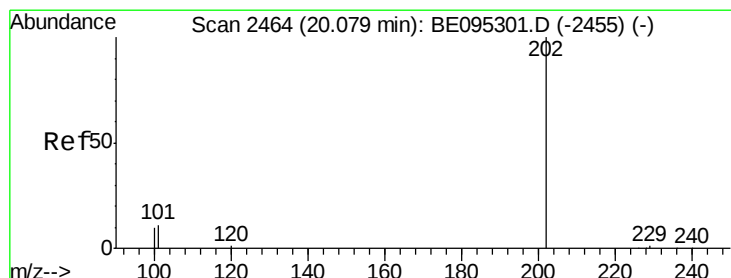
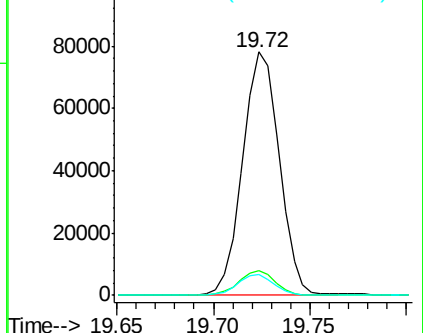
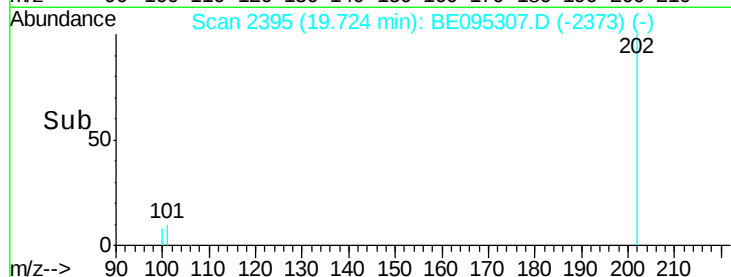
100 8.4 0.0 39.5



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: 1.794 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

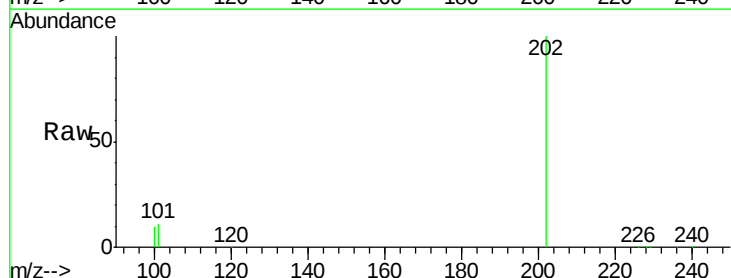
Tgt Ion:202 Resp: 79579

Ion Ratio Lower Upper

202 100

101 11.3 18.2 27.4#

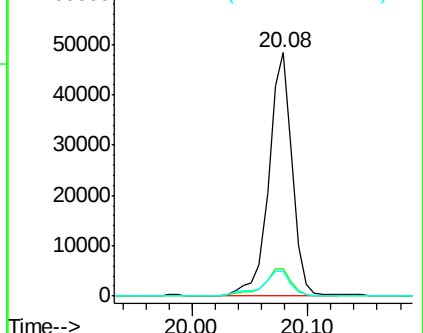
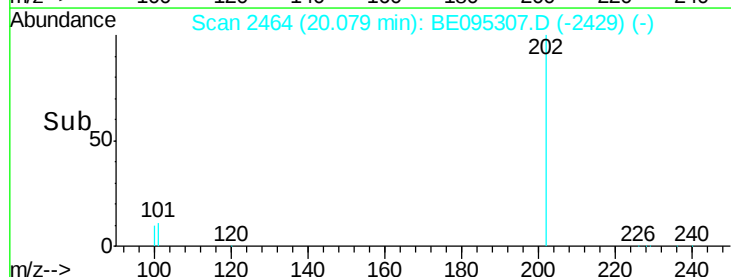
100 10.0 15.6 23.4#

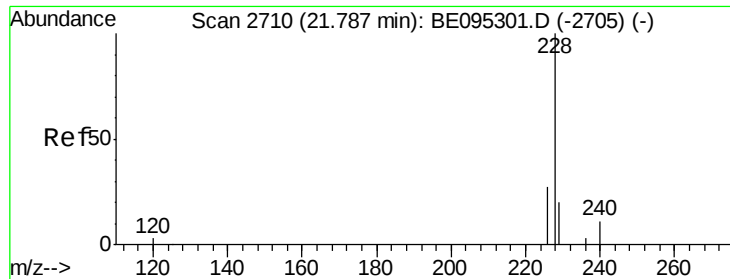


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.466 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :

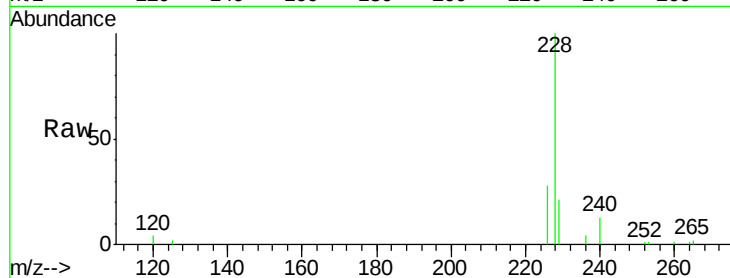
Tot Ion:228 Resp: 19237

Ion Ratio Lower Upper

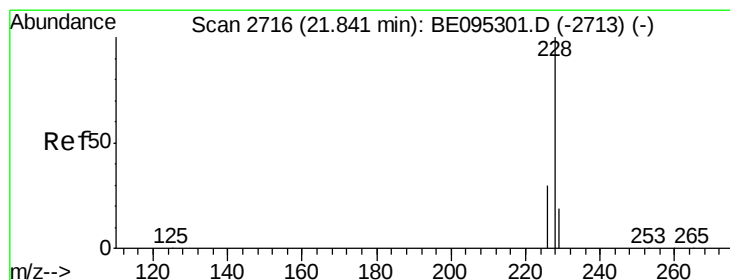
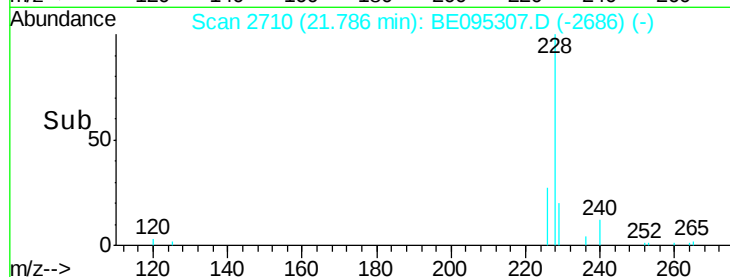
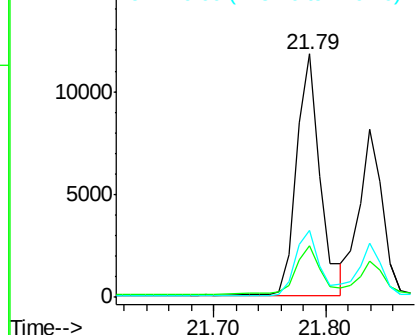
228 100

229 21.3 22.8 34.2#

226 27.7 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



#19

Chrysene

Concen: 0.278 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

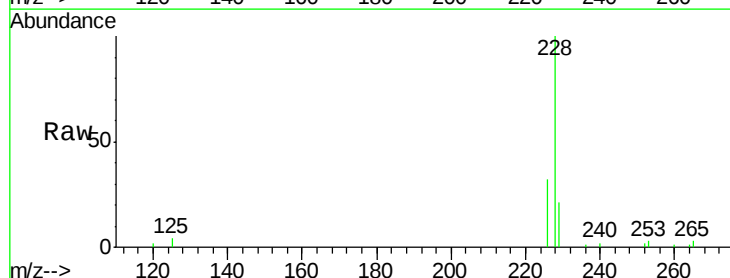
Tgt Ion:228 Resp: 11940

Ion Ratio Lower Upper

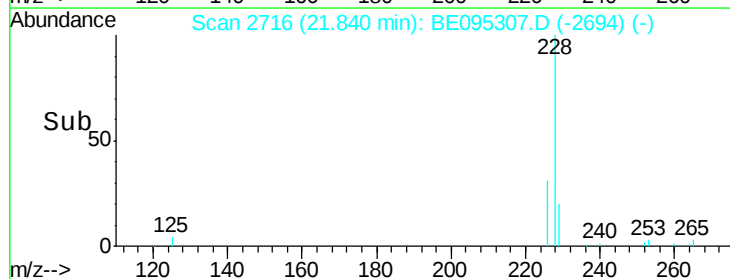
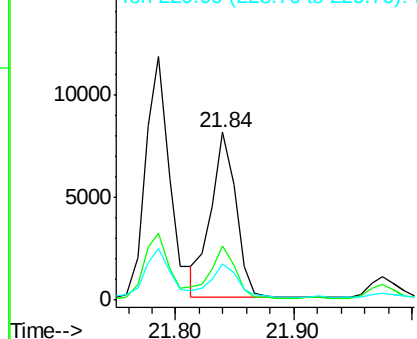
228 100

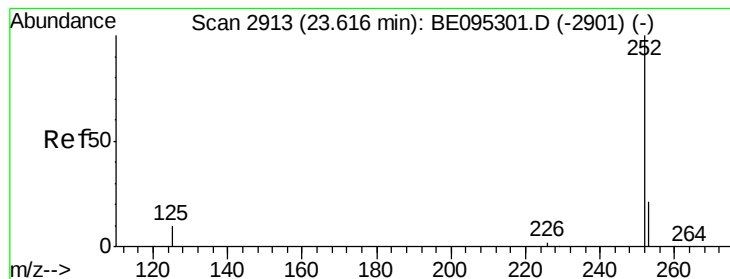
226 32.1 23.4 35.0

229 21.2 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: 0.243 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :

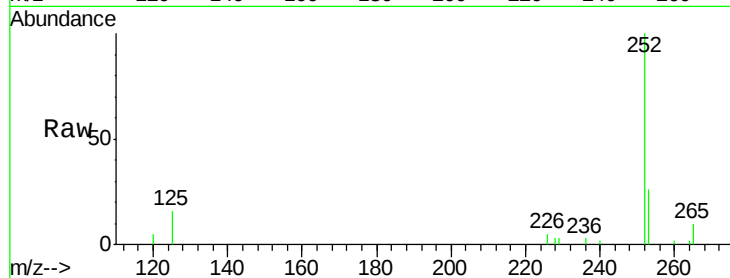
Tot Ion:252 Resp: 10797

Ion Ratio Lower Upper

252 100

253 26.3 0.0 64.2

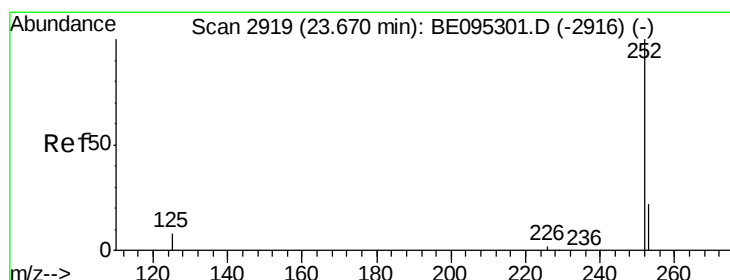
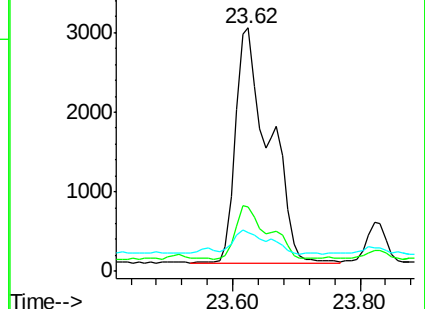
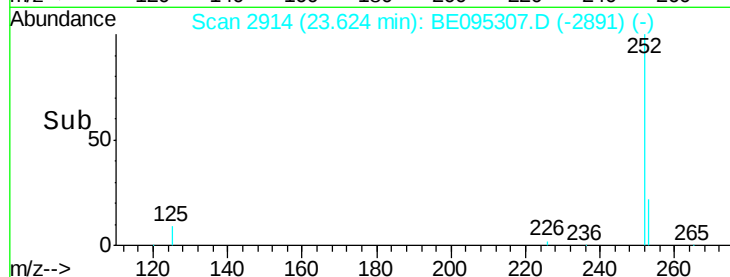
125 15.9 0.0 35.0



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: 0.266 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

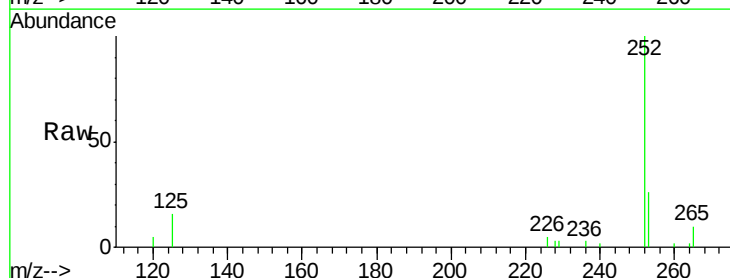
Tgt Ion:252 Resp: 10797

Ion Ratio Lower Upper

252 100

253 26.3 24.5 36.7

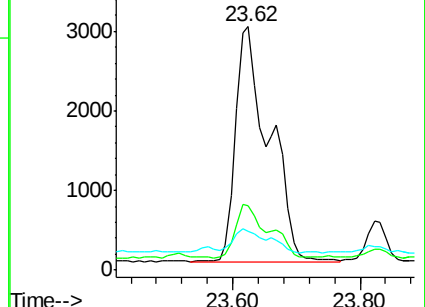
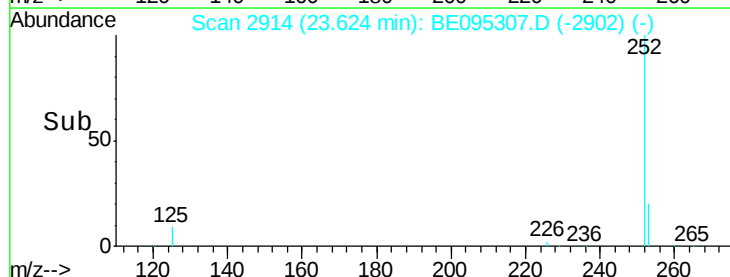
125 15.9 13.7 20.5

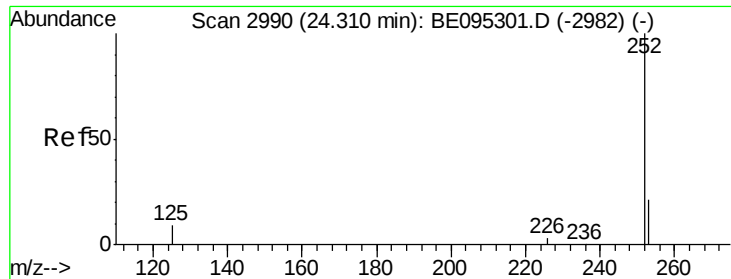


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.115 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :

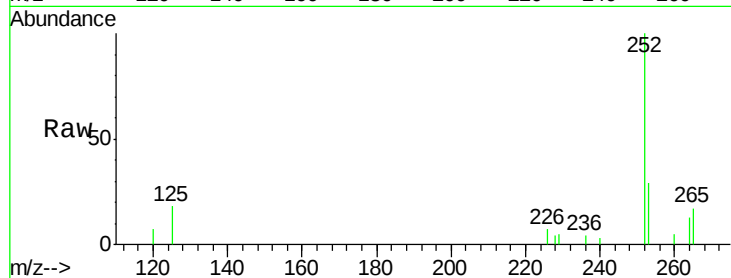
Tot Ion:252 Resp: 4577

Ion Ratio Lower Upper

252 100

253 28.7 28.5 42.7

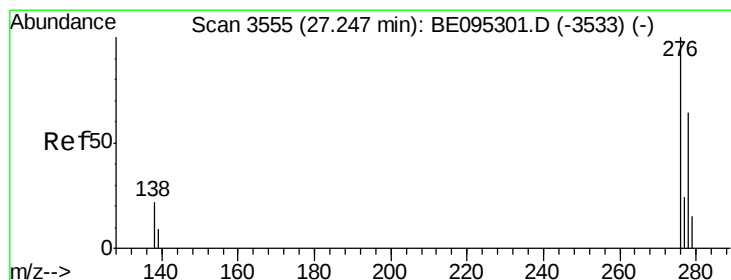
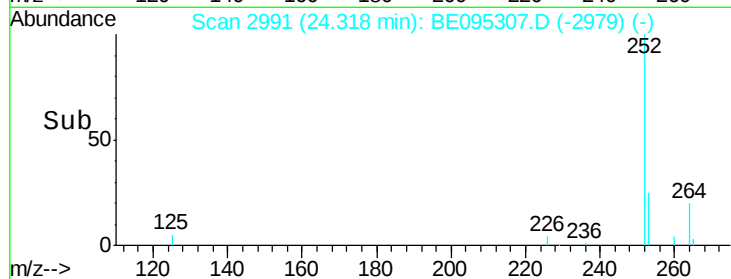
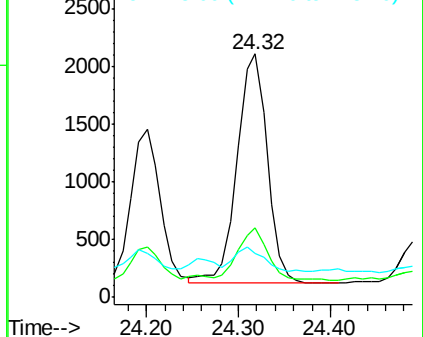
125 18.3 18.1 27.1



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: 0.033 ng/ul

RT: 27.23 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

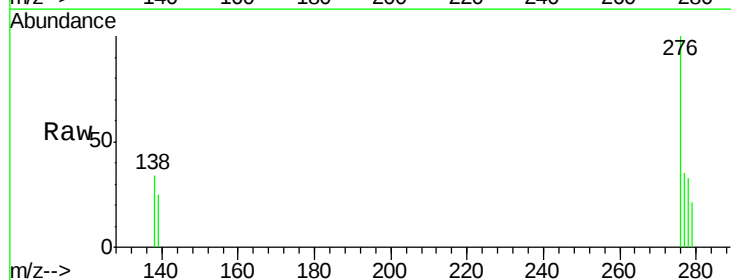
Tgt Ion:276 Resp: 1419

Ion Ratio Lower Upper

276 100

138 20.4 28.0 42.0#

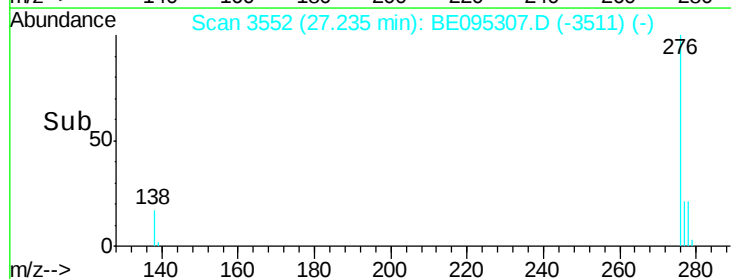
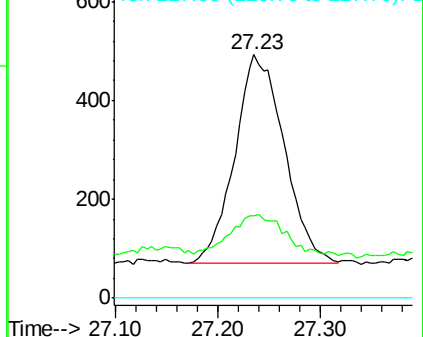
227 0.0 8.0 12.0#

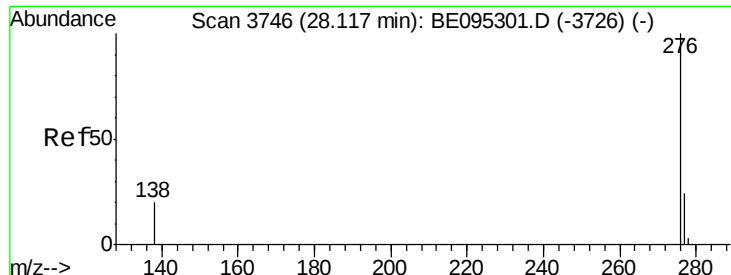


Abundance Ion 276.00 (275.70 to 276.70): E

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: 0.024 ng/ul

RT: 28.12 min Scan# 3746

Delta R.T. 0.00 min

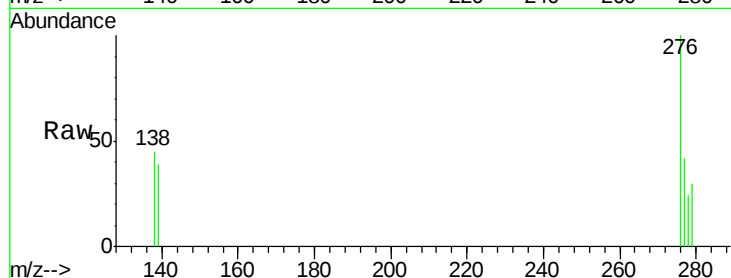
Lab File: BE095307.D

Acq: 31 Jan 2018 9:00

Instrument :

BNA_E

ClientSampleId :



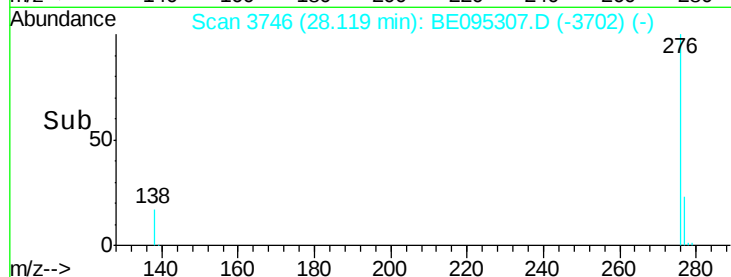
Tot Ion:276 Resp: 885

Ion Ratio Lower Upper

276 100

138 44.6 21.8 32.8#

277 41.8 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

