

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095203.D
 Acq On : 28 Jan 2018 12:53
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 01:26:15 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

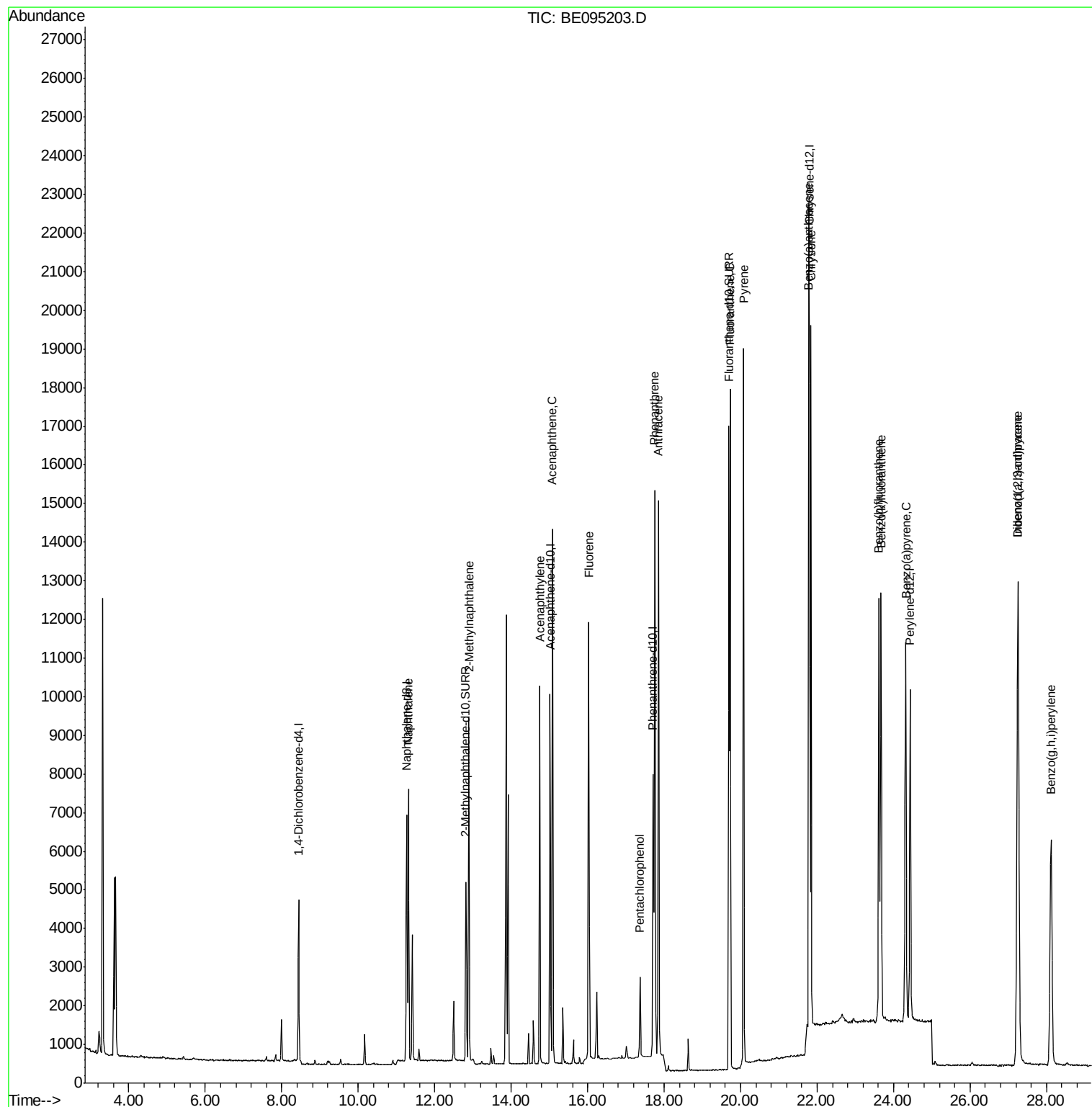
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2869	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	8970	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5438	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11901	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	13573	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12851	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6229	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	17874	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	10141	0.404	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	7136	0.425	ng/ul	100
7) Acenaphthylene	14.75	152	11200	0.428	ng/ul	95
8) Acenaphthene	15.08	153	8209	0.404	ng/ul	93
9) Fluorene	16.03	166	8934	0.427	ng/ul#	76
11) Pentachlorophenol	17.36	266	1229	0.533	ng/ul	96
12) Phenanthrene	17.75	178	16675	0.417	ng/ul#	88
13) Anthracene	17.85	178	16578	0.453	ng/ul#	92
15) Fluoranthene	19.73	202	20127	0.388	ng/ul	83
17) Pyrene	20.08	202	20155	0.443	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	23428	0.552	ng/ul#	85
19) Chrysene	21.84	228	17931	0.407	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	16863	0.372	ng/ul	83
22) Benzo(k)fluoranthene	23.67	252	16723	0.403	ng/ul#	87
23) Benzo(a)pyrene	24.32	252	16195	0.400	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.25	276	18191	0.410	ng/ul#	80
25) Dibenzo(a,h)anthracene	27.26	278	14911	0.411	ng/ul#	89
26) Benzo(g,h,i)perylene	28.12	276	15257	0.406	ng/ul	94

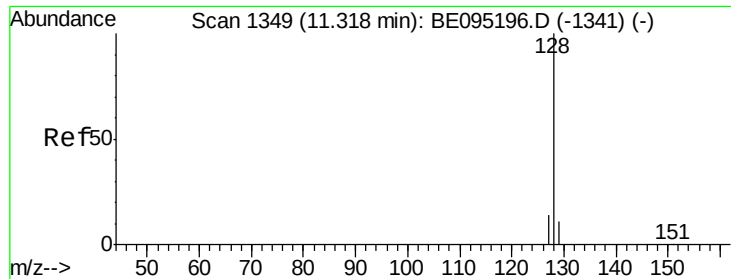
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095203.D
Acq On : 28 Jan 2018 12:53
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 29 01:26:15 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





#3

Naphthalene

Concen: 0.404 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Instrument :

BNA_E

ClientSampleId :

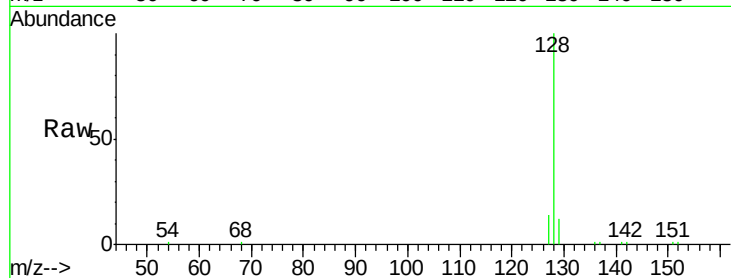
Tot Ion:128 Resp: 10141

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

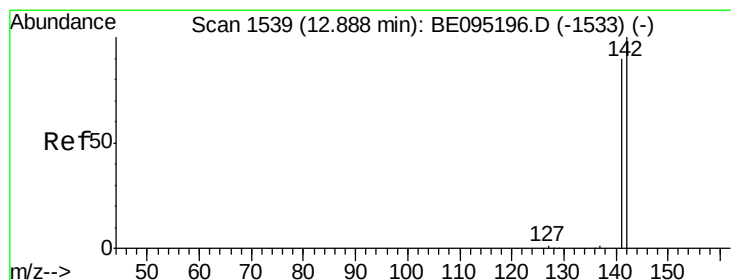
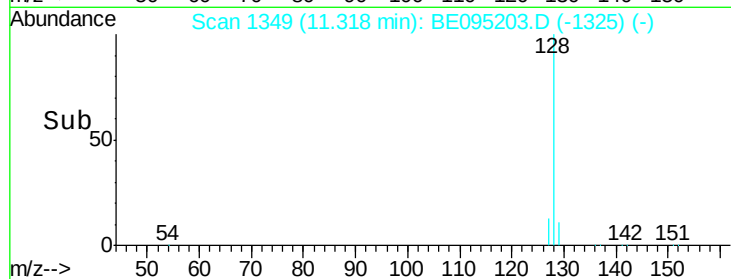
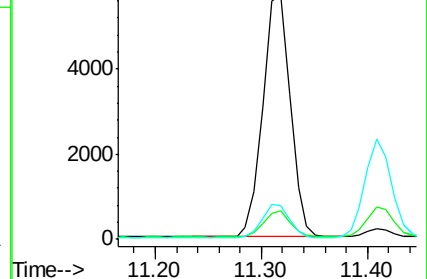
127 13.6 4.0 6.0#



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: 0.425 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095203.D

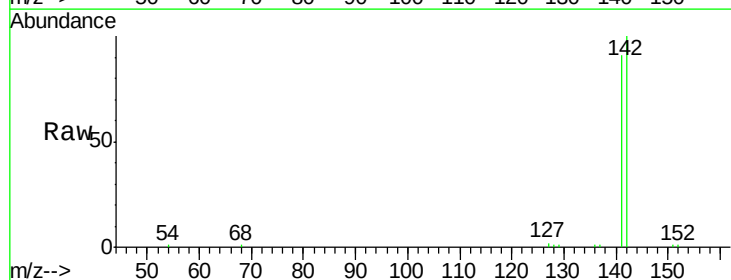
Acq: 28 Jan 2018 12:53

Tgt Ion:142 Resp: 7136

Ion Ratio Lower Upper

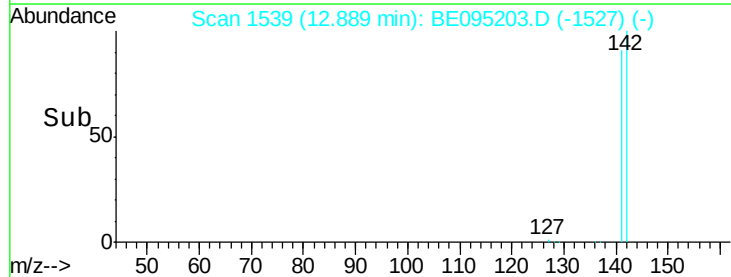
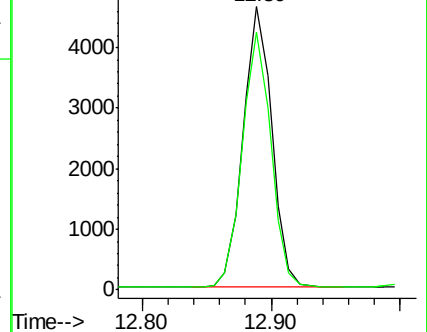
142 100

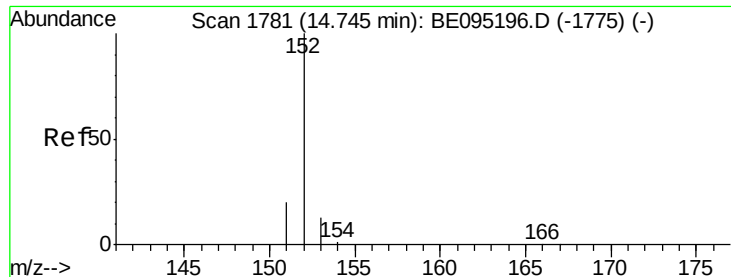
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.428 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

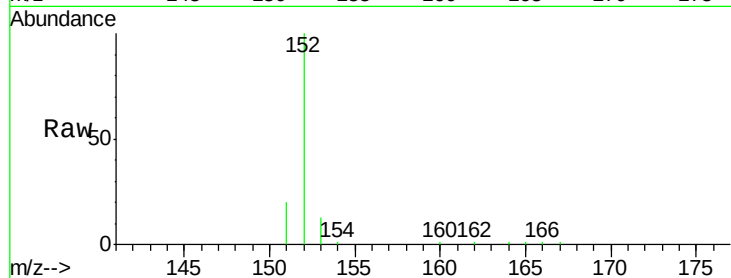
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 11200

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.0	12.8	19.2

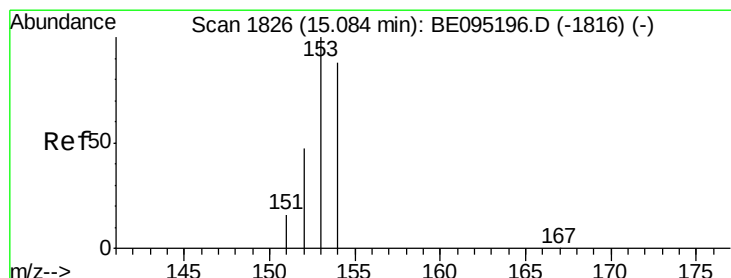
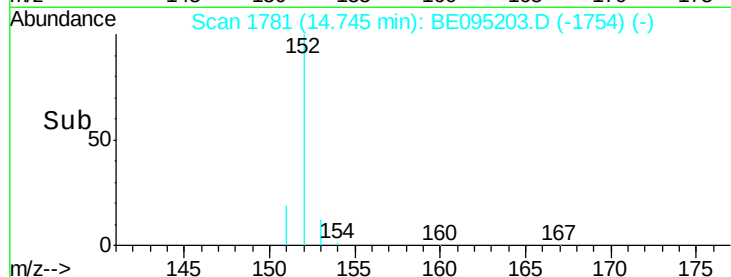
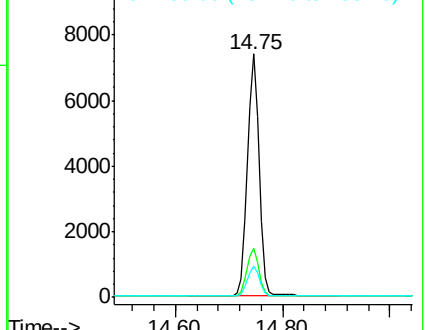


Abundance

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: 0.404 ng/ul

RT: 15.08 min Scan# 1825

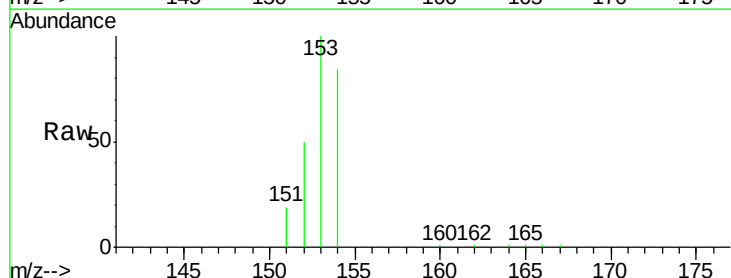
Delta R.T. -0.01 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Tgt Ion:153 Resp: 8209

Ion	Ratio	Lower	Upper
153	100		
152	50.3	36.0	54.0
154	83.8	72.0	108.0

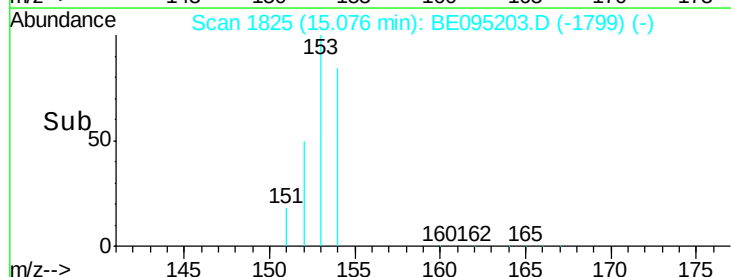
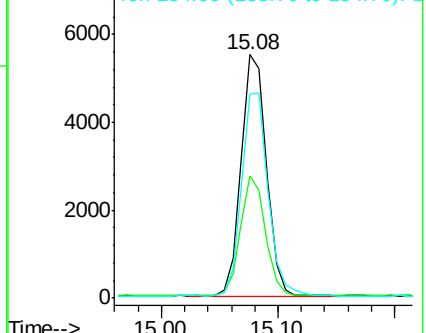


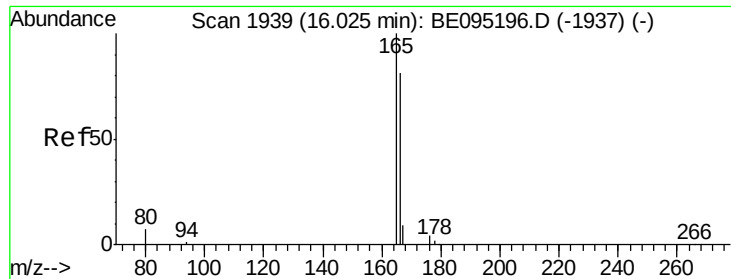
Abundance

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

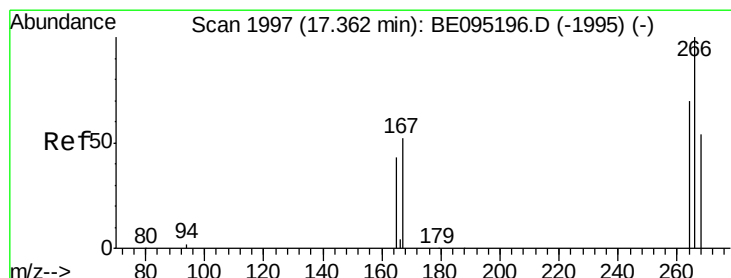
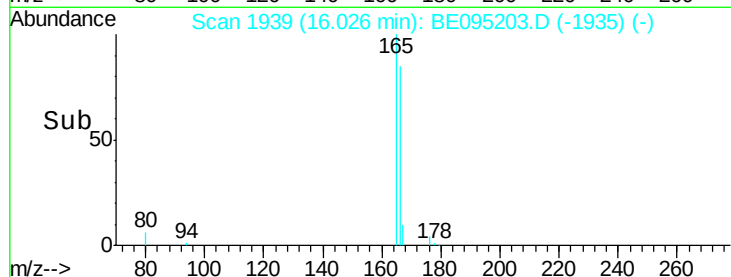
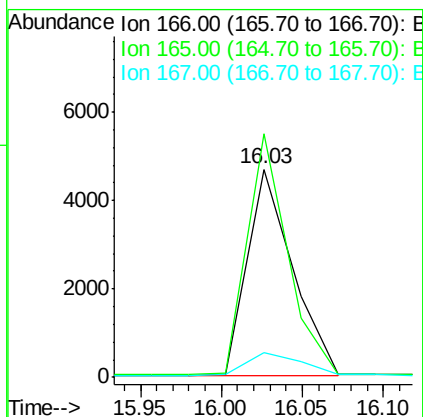
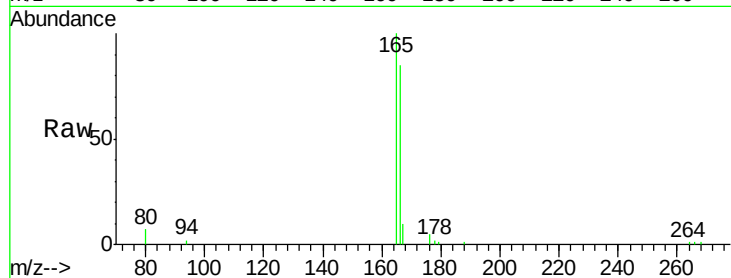




#9
Fluorene
 Concen: 0.427 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BE095203.D
 Acq: 28 Jan 2018 12:53

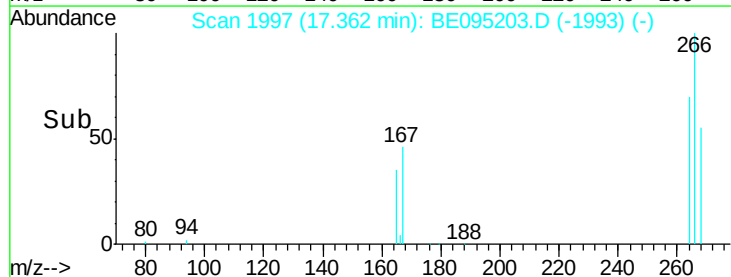
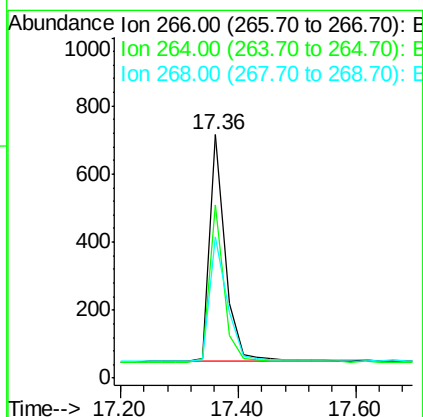
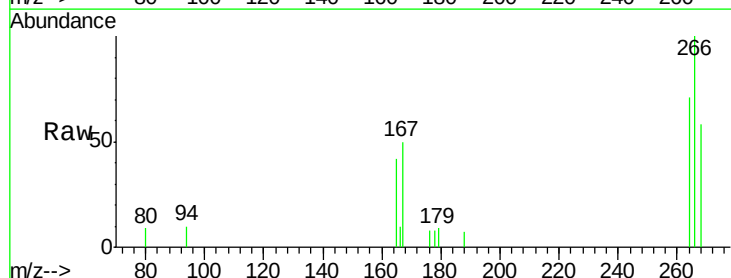
Instrument :
 BNA_E
 ClientSampleId :

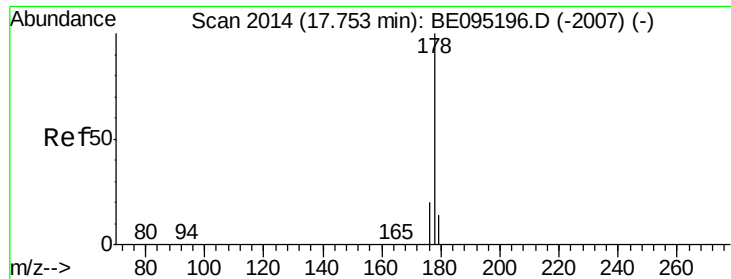
Tot Ion:166 Resp: 8934
 Ion Ratio Lower Upper
 166 100
 165 117.1 73.4 110.2#
 167 12.2 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.533 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095203.D
 Acq: 28 Jan 2018 12:53

Tgt Ion:266 Resp: 1229
 Ion Ratio Lower Upper
 266 100
 264 64.8 47.9 71.9
 268 63.5 49.8 74.8





#12

Phenanthrene

Concen: 0.417 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095203.D

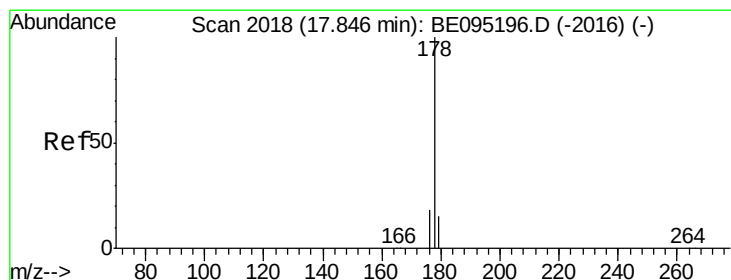
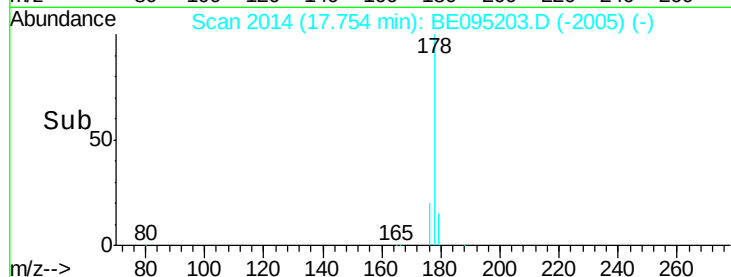
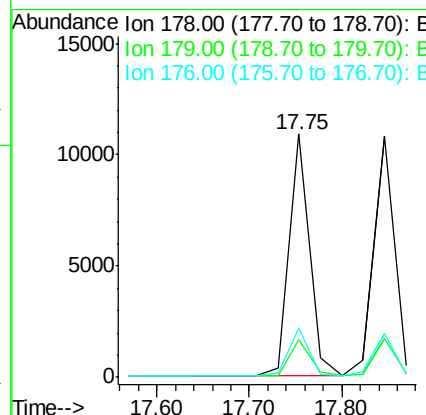
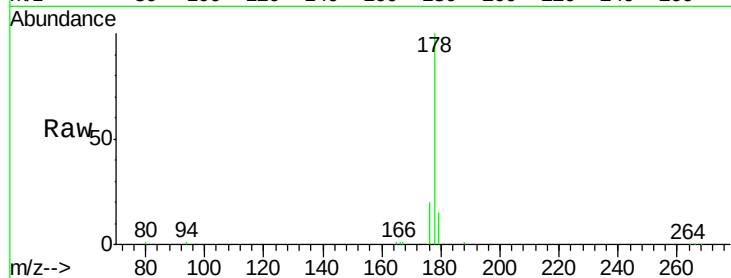
Acq: 28 Jan 2018 12:53

Instrument :

BNA_E

ClientSampled :

Tot Ion:178	Resp:	16675
Ion	Ratio	Lower Upper
178	100	
179	15.2	18.4 27.6#
176	20.1	13.6 20.4



#13

Anthracene

Concen: 0.453 ng/ul

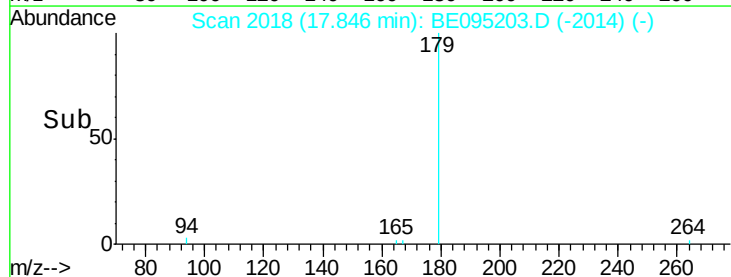
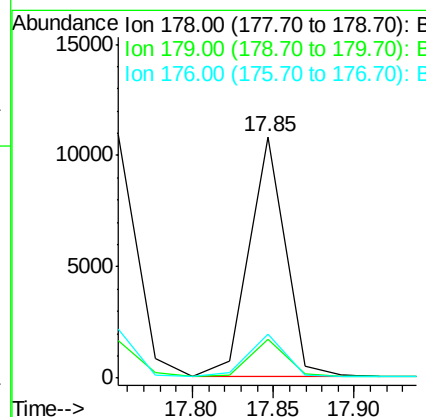
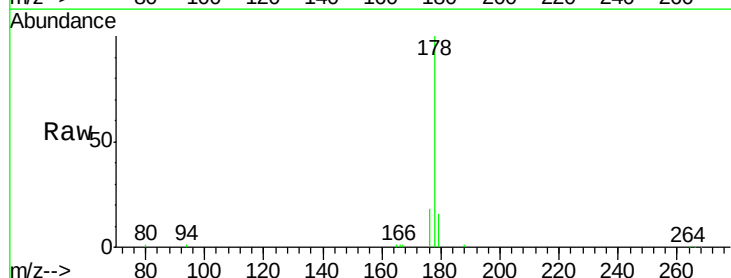
RT: 17.85 min Scan# 2018

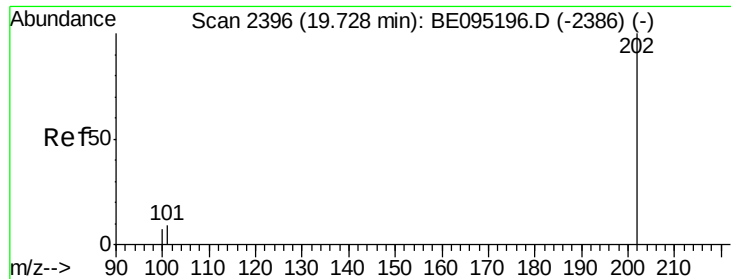
Delta R.T. 0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Tgt Ion:178	Resp:	16578
Ion	Ratio	Lower Upper
178	100	
179	15.8	18.1 27.1#
176	18.3	14.7 22.1





#15

Fluoranthene

Concen: 0.388 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095203.D

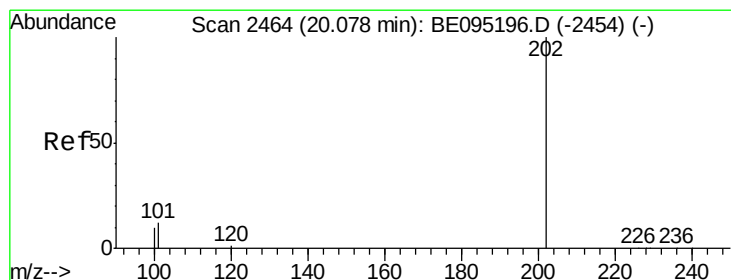
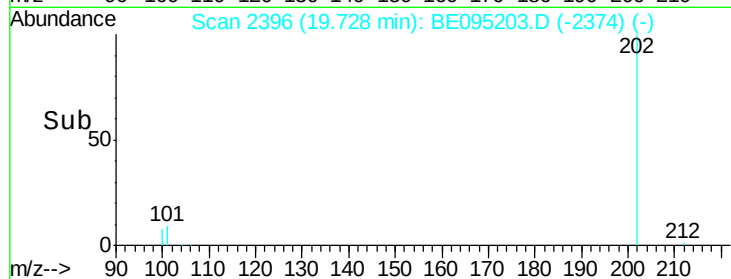
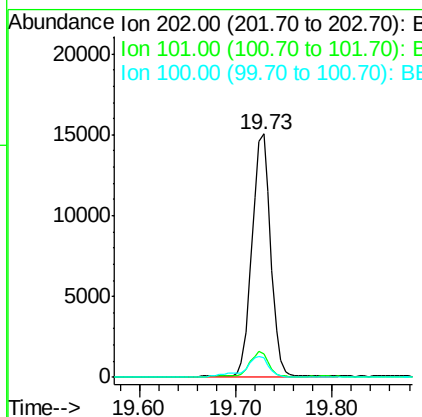
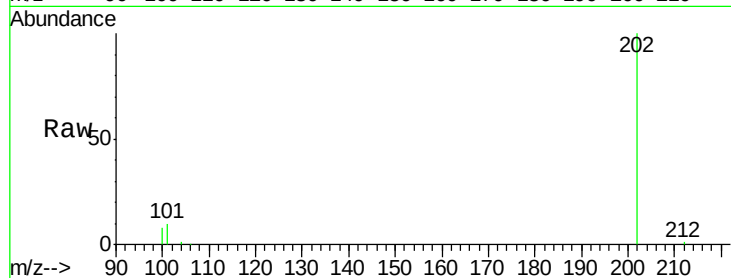
Acq: 28 Jan 2018 12:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	20127
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	7.8	0.0	39.5



#17

Pyrene

Concen: 0.443 ng/ul

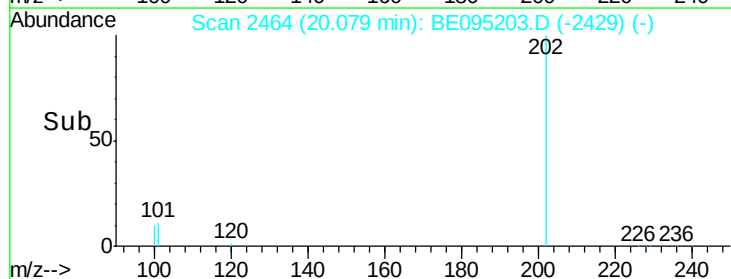
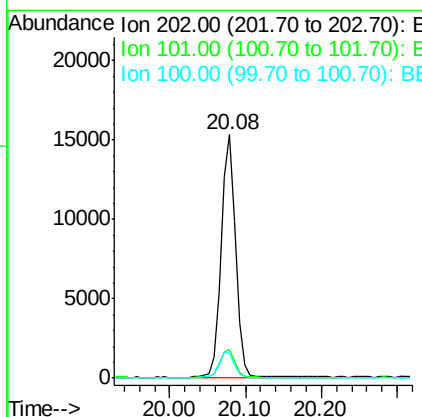
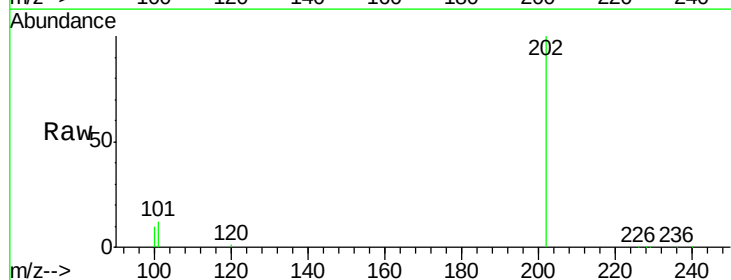
RT: 20.08 min Scan# 2464

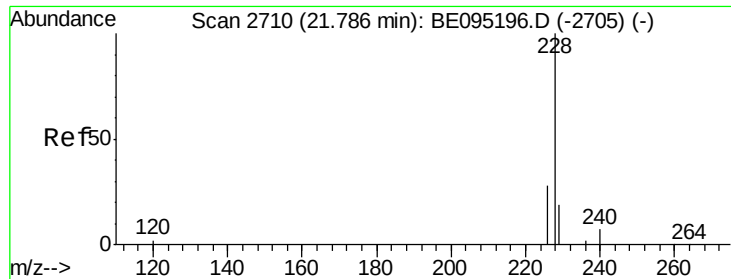
Delta R.T. 0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Tgt Ion:	202	Resp:	20155
Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.552 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Instrument :

BNA_E

ClientSampleId :

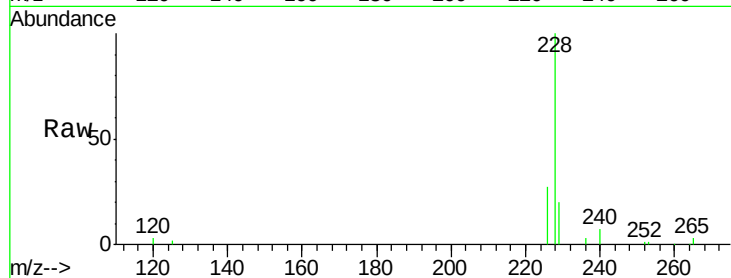
Tot Ion:228 Resp: 23428

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

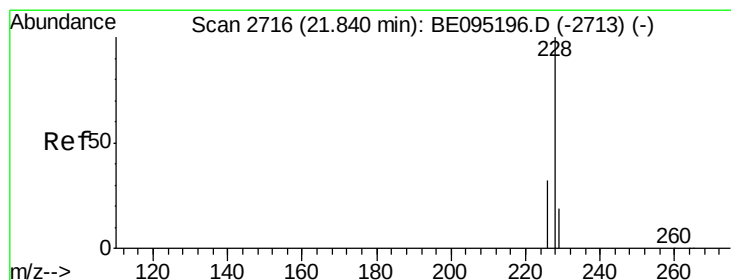
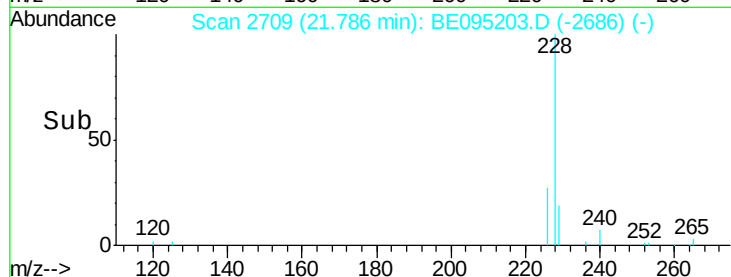
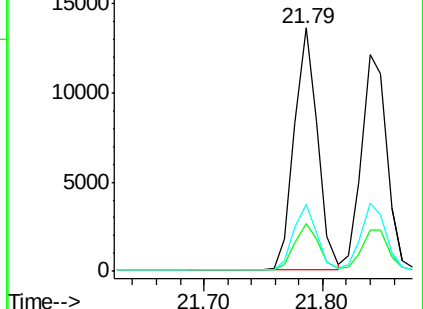
226 27.5 17.0 25.6#



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: 0.407 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

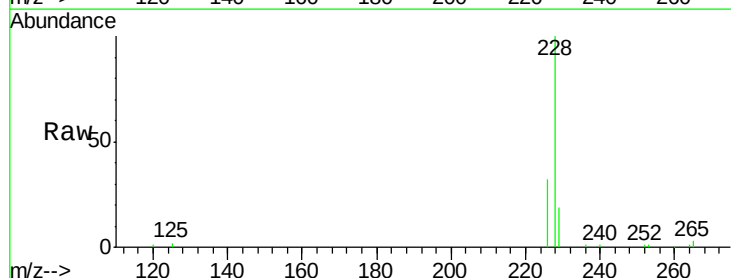
Tgt Ion:228 Resp: 17931

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

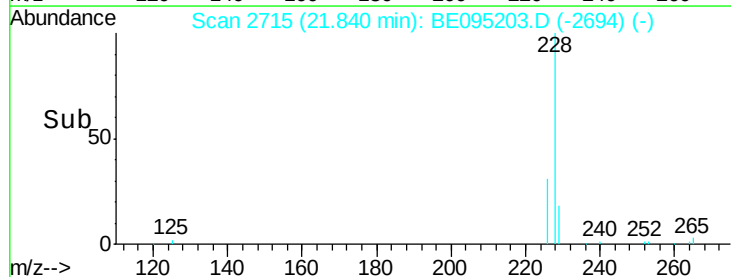
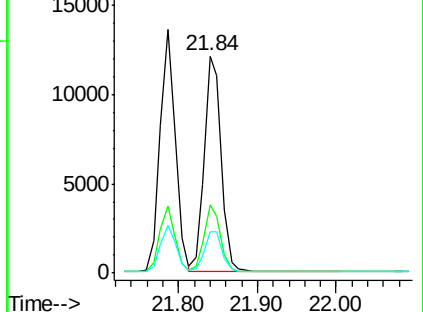
229 19.1 17.7 26.5

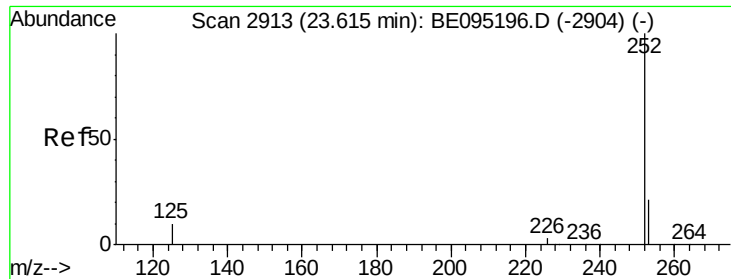


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.372 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Instrument :

BNA_E

ClientSampleId :

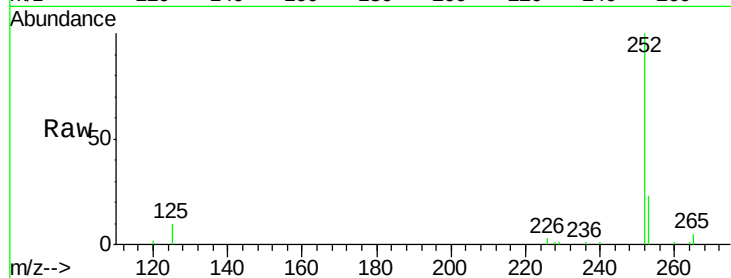
Tot Ion:252 Resp: 16863

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

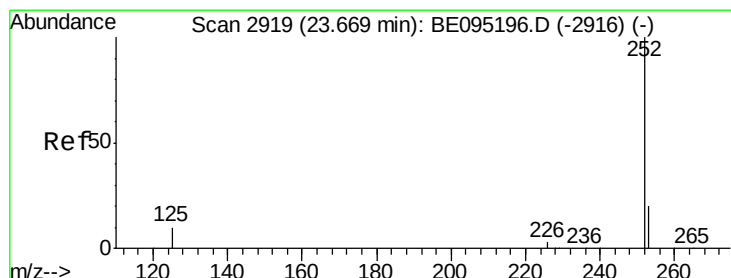
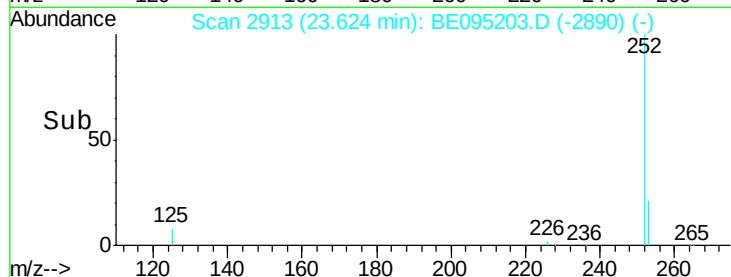
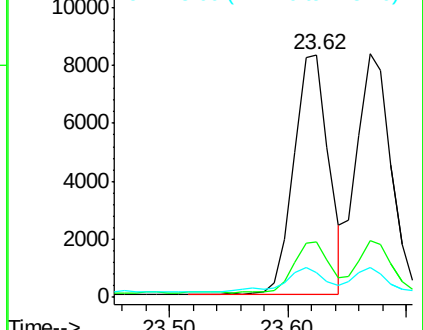
125 10.1 0.0 35.0



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: 0.403 ng/ul

RT: 23.67 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

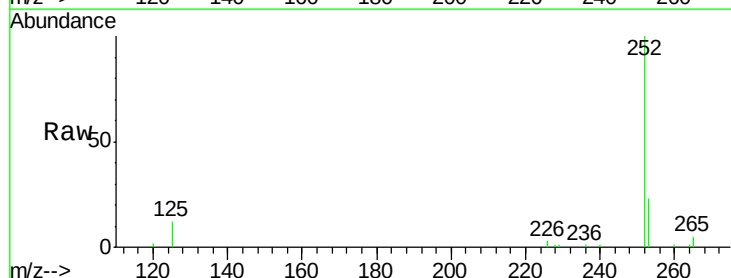
Tgt Ion:252 Resp: 16723

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

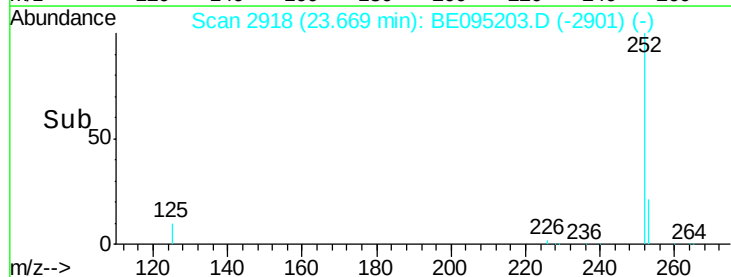
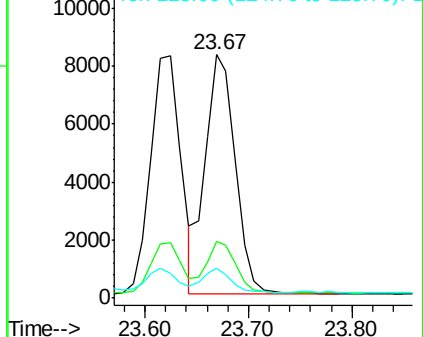
125 12.3 13.7 20.5#

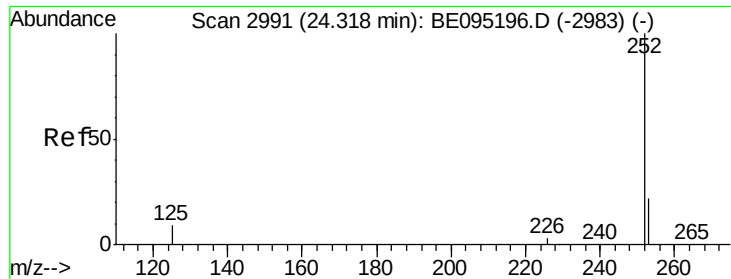


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.400 ng/ul

RT: 24.32 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

Instrument :

BNA_E

ClientSampleId :

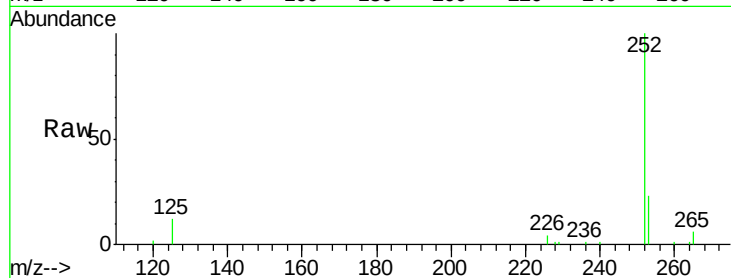
Tot Ion:252 Resp: 16195

Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

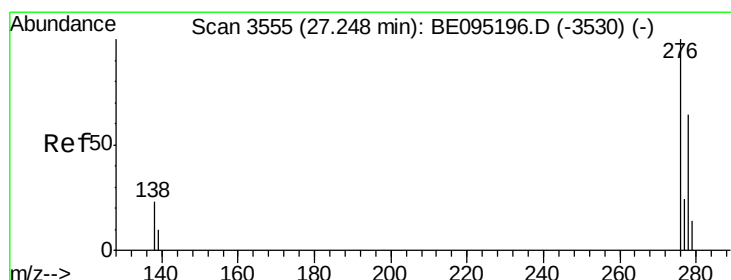
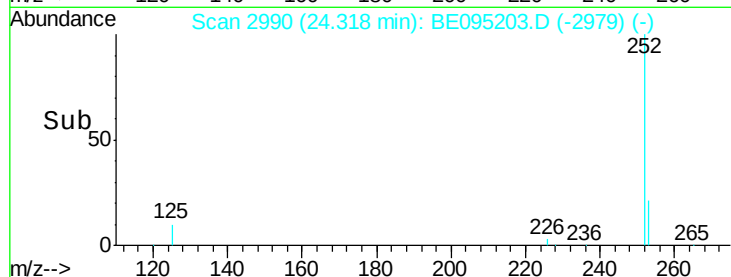
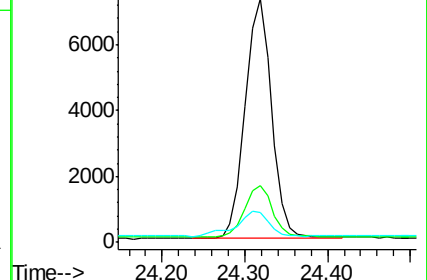
125 12.3 18.1 27.1#



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: 0.410 ng/ul

RT: 27.25 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BE095203.D

Acq: 28 Jan 2018 12:53

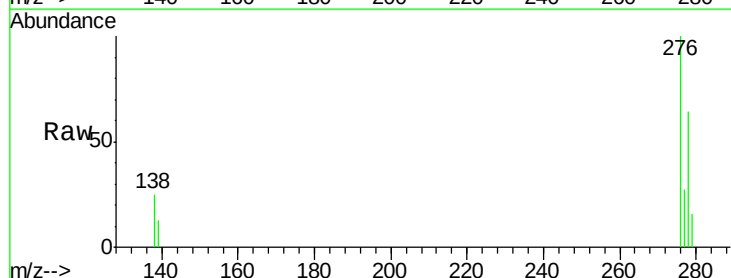
Tgt Ion:276 Resp: 18191

Ion Ratio Lower Upper

276 100

138 24.4 28.0 42.0#

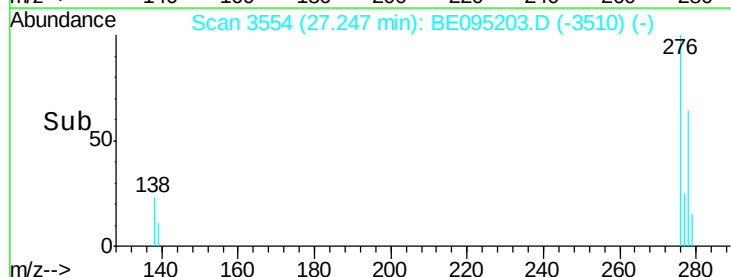
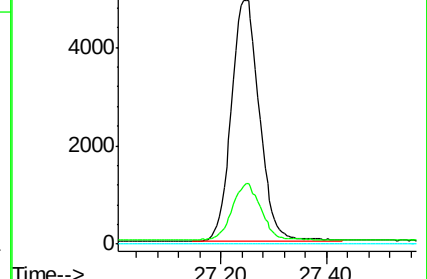
227 0.0 8.0 12.0#

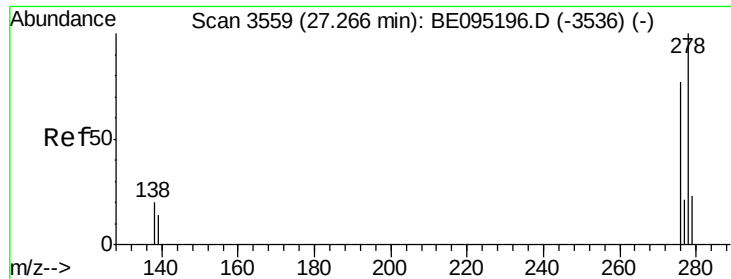


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



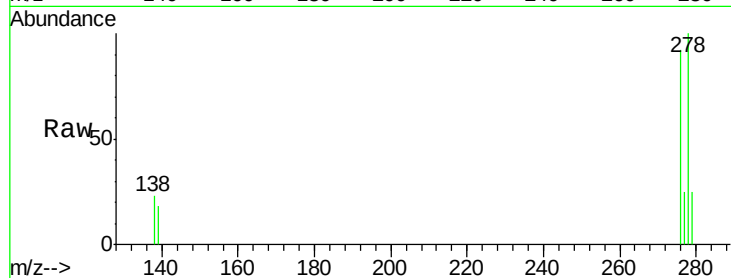


#25

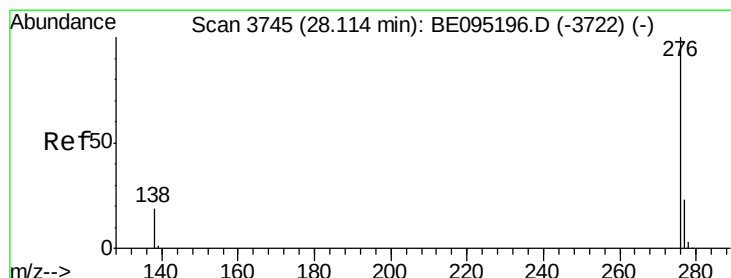
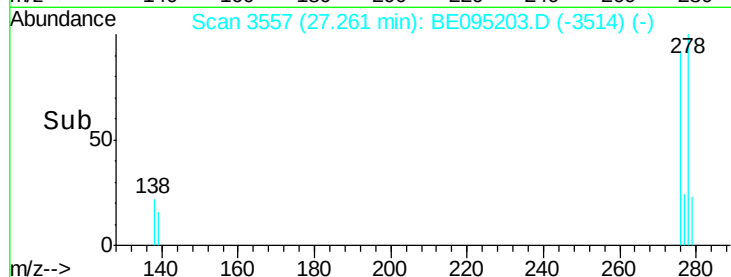
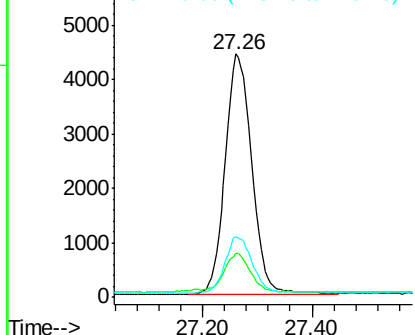
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 27.26 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BE095203.D
Acq: 28 Jan 2018 12:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 14911
Ion Ratio Lower Upper
278 100
139 18.0 17.4 26.0
279 24.7 25.9 38.9#



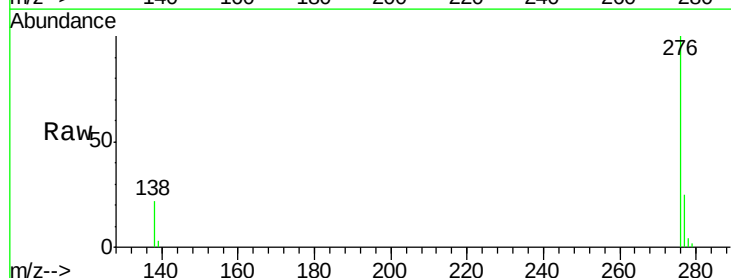
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 28.12 min Scan# 3746
Delta R.T. 0.01 min
Lab File: BE095203.D
Acq: 28 Jan 2018 12:53

Tgt Ion:276 Resp: 15257
Ion Ratio Lower Upper
276 100
138 21.9 21.8 32.8
277 24.6 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

