

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095198.D
 Acq On : 28 Jan 2018 9:54
 Operator : SJ/JU
 Sample : J1174-12DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 01:25:24 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

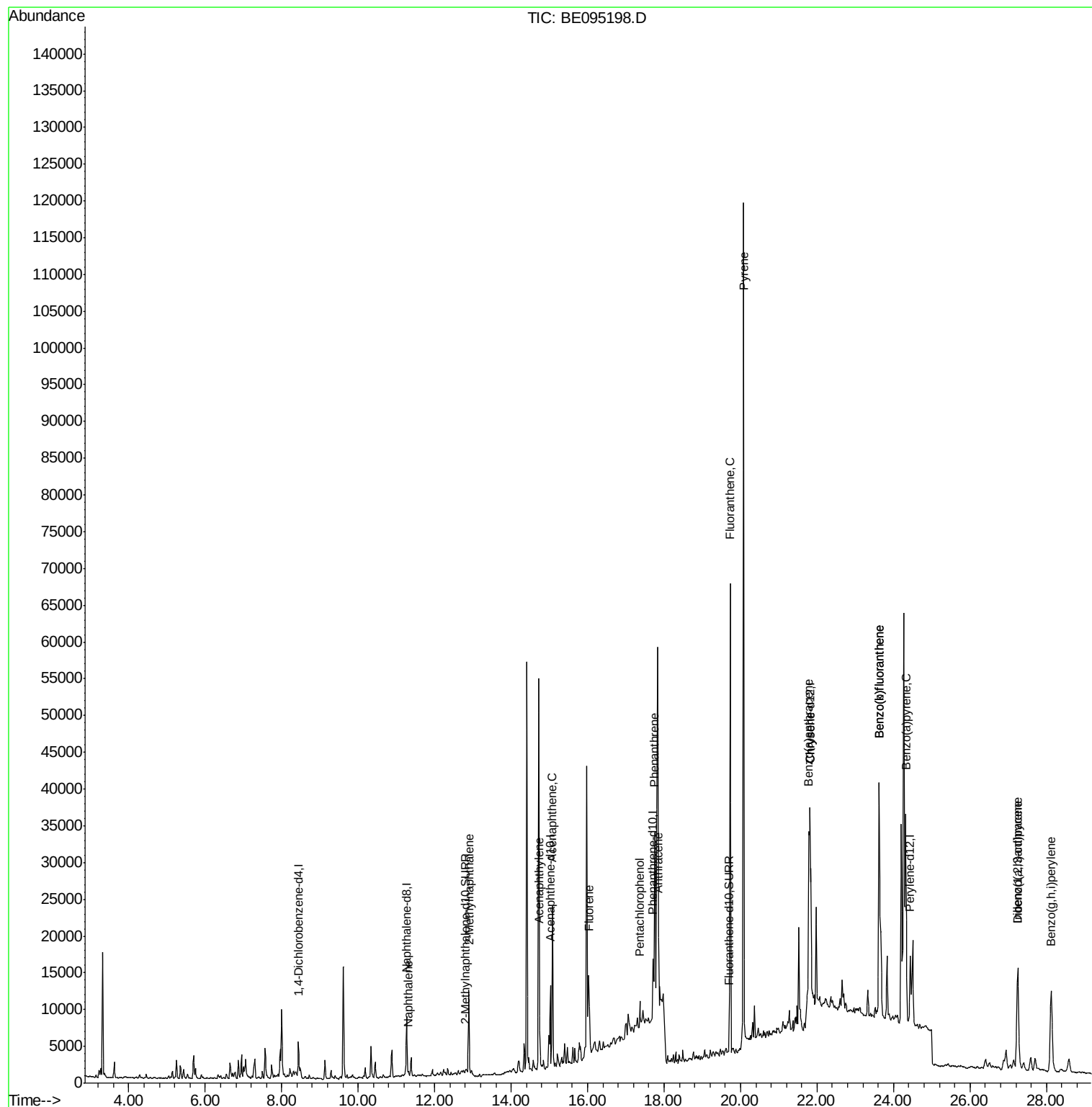
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3353	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10818	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13311	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	14445	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14102	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	532	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1301	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1032	0.034	ng/ul#	61
5) 2-Methylnaphthalene	12.89	142	9233	0.456	ng/ul	99
7) Acenaphthylene	14.74	152	6421	0.195	ng/ul#	78
8) Acenaphthene	15.08	153	13169	0.516	ng/ul	94
9) Fluorene	16.03	166	10468	0.397	ng/ul#	70
11) Pentachlorophenol	17.36	266	2700	1.047	ng/ul	97
12) Phenanthrene	17.75	178	30342	0.678	ng/ul#	89
13) Anthracene	17.85	178	11783	0.288	ng/ul#	92
15) Fluoranthene	19.73	202	70312	1.213	ng/ul	83
17) Pyrene	20.08	202	127486	2.630	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	27663	0.613	ng/ul#	89
19) Chrysene	21.82	228	33863	0.722	ng/ul#	87
21) Benzo(b)fluoranthene	23.62	252	73724	1.482	ng/ul	91
22) Benzo(k)fluoranthene	23.62	252	73724	1.620	ng/ul	92
23) Benzo(a)pyrene	24.32	252	43817	0.986	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.25	276	28278	0.580	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.25	278	5431	0.136	ng/ul#	73
26) Benzo(g,h,i)perylene	28.12	276	28640	0.694	ng/ul	96

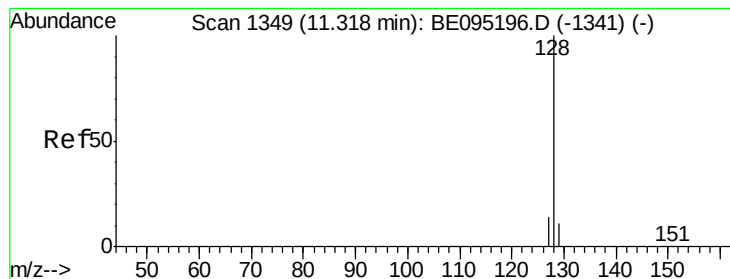
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

ClientSampled :

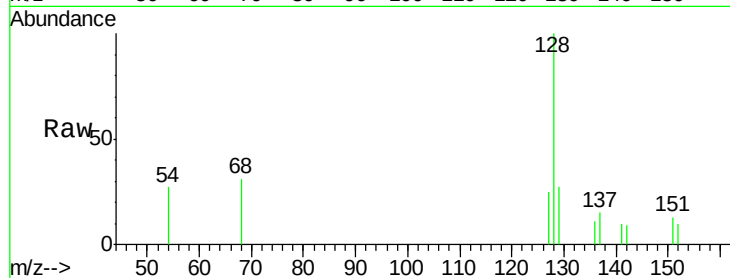
Tot Ion:128 Resp: 1032

Ion Ratio Lower Upper

128 100

129 27.1 11.3 16.9#

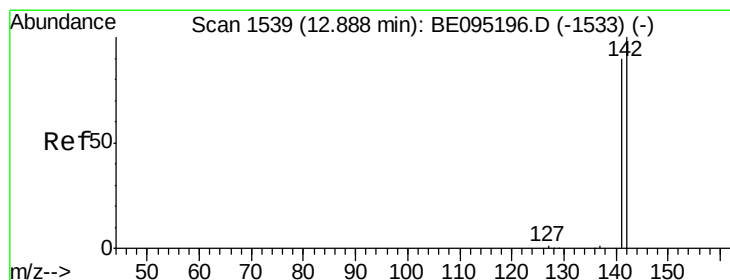
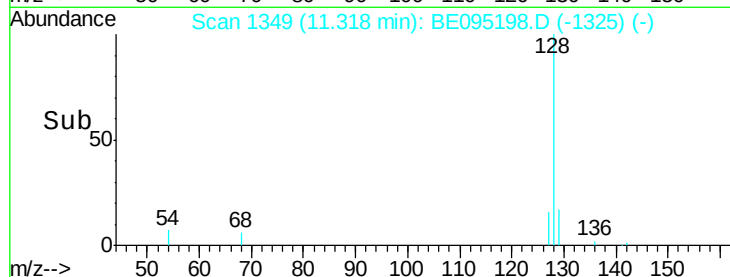
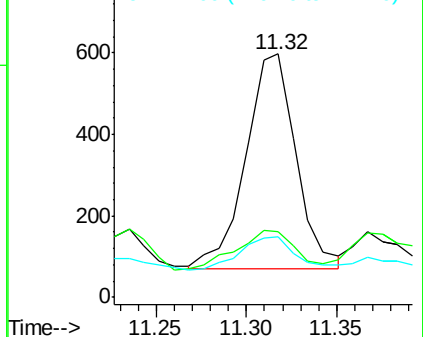
127 24.7 4.0 6.0#



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: 0.456 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095198.D

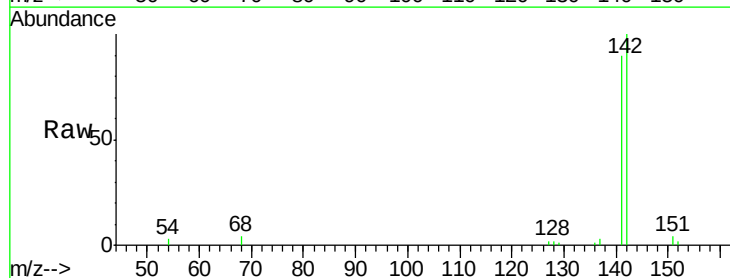
Acq: 28 Jan 2018 9:54

Tgt Ion:142 Resp: 9233

Ion Ratio Lower Upper

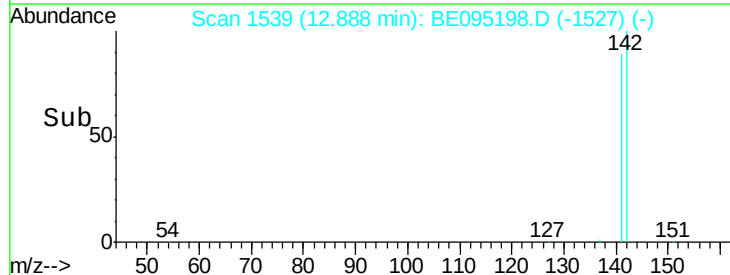
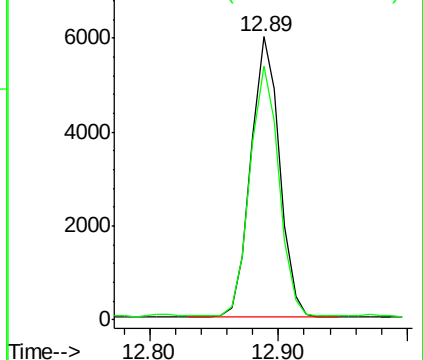
142 100

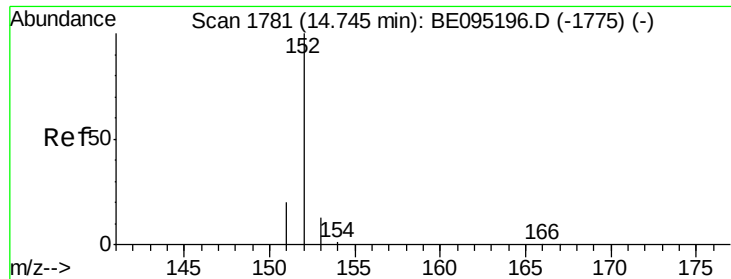
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.195 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

ClientSampleId :

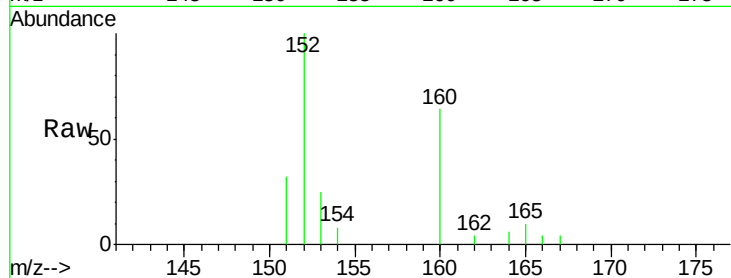
Tot Ion:152 Resp: 6421

Ion Ratio Lower Upper

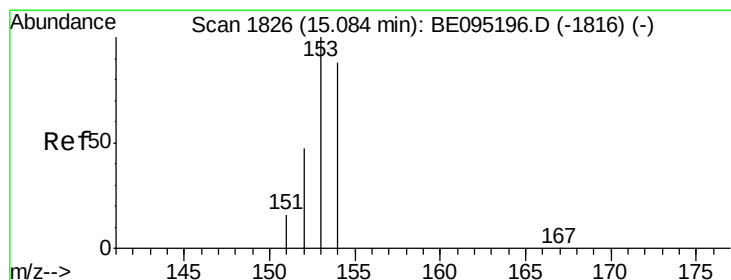
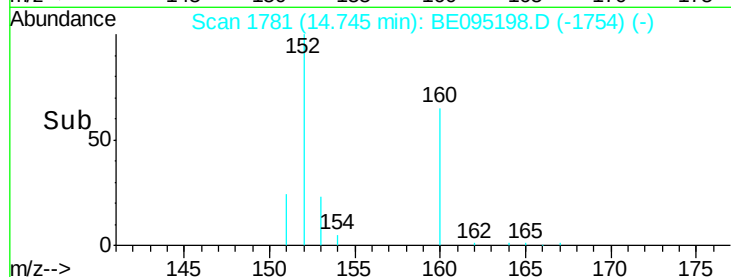
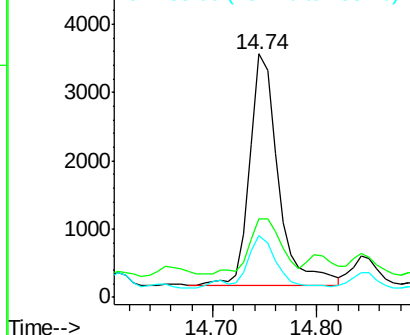
152 100

151 32.1 17.1 25.7#

153 25.4 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: 0.516 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

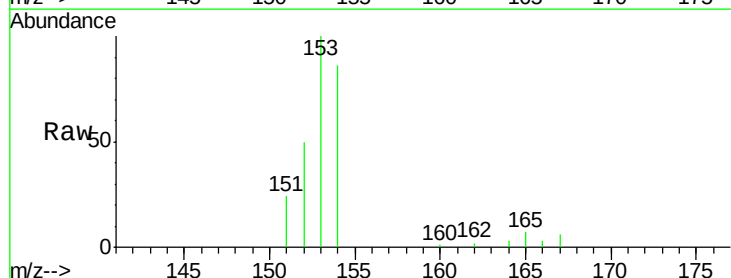
Tgt Ion:153 Resp: 13169

Ion Ratio Lower Upper

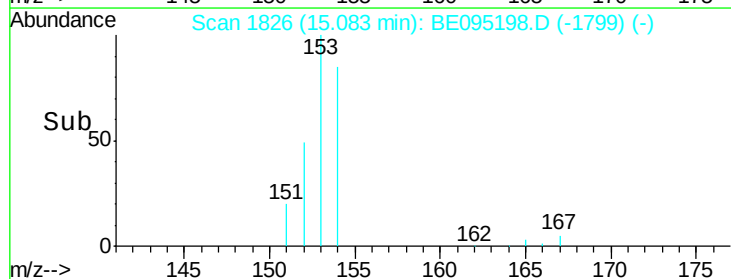
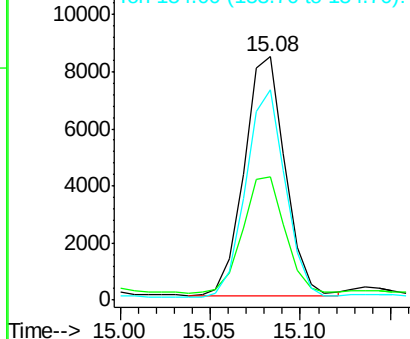
153 100

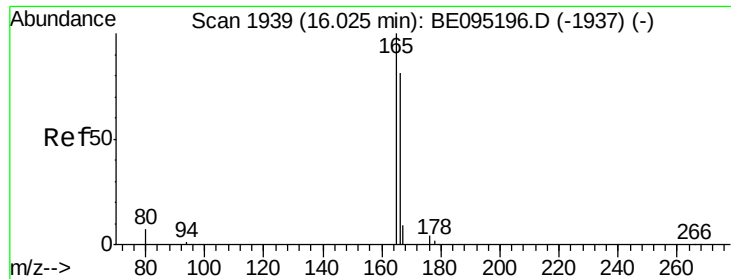
152 50.5 36.0 54.0

154 86.1 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: 0.397 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

ClientSampleId :

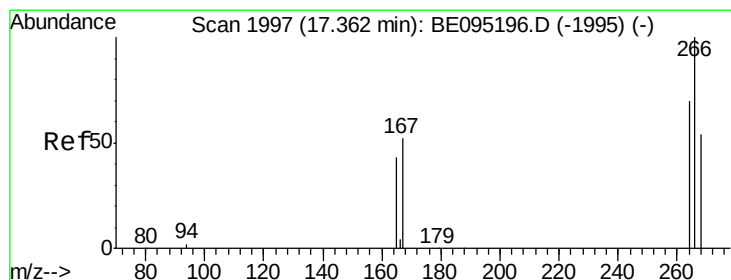
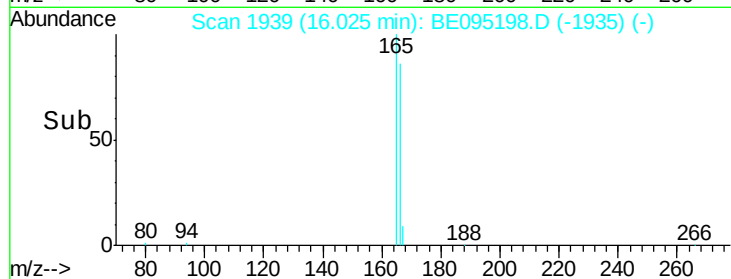
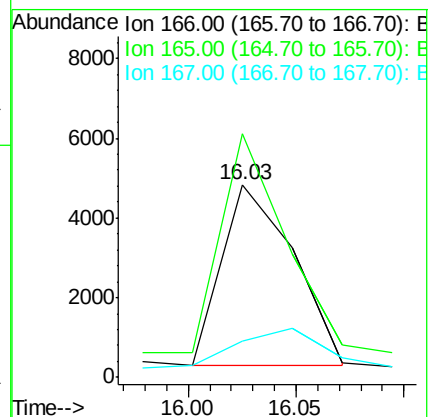
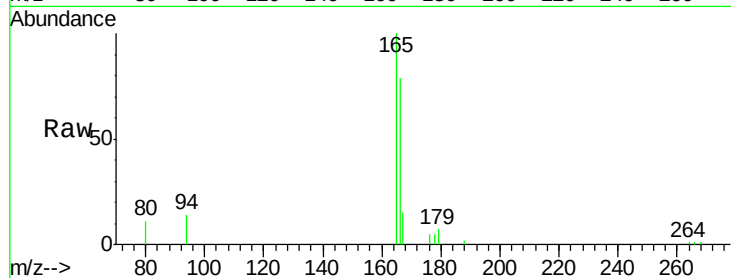
Tot Ion:166 Resp: 10468

Ion Ratio Lower Upper

166 100

165 126.4 73.4 110.2#

167 18.6 14.6 22.0



#11

Pentachlorophenol

Concen: 1.047 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

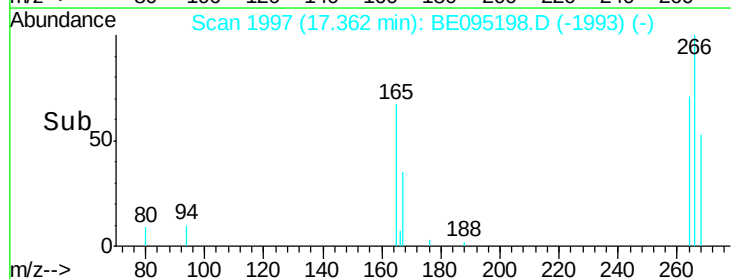
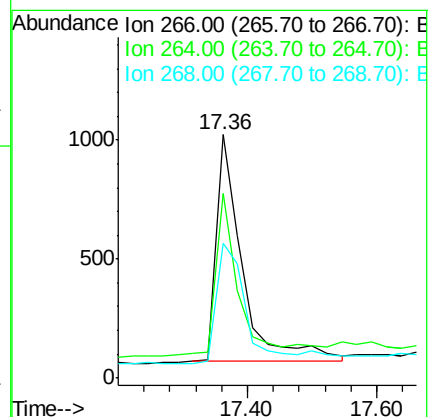
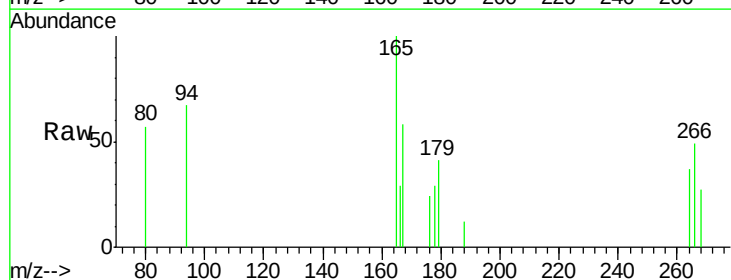
Tgt Ion:266 Resp: 2700

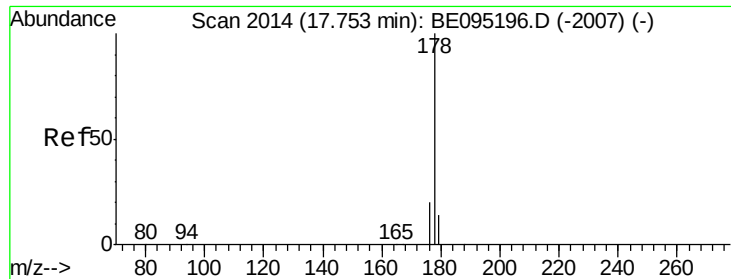
Ion Ratio Lower Upper

266 100

264 60.7 47.9 71.9

268 66.4 49.8 74.8

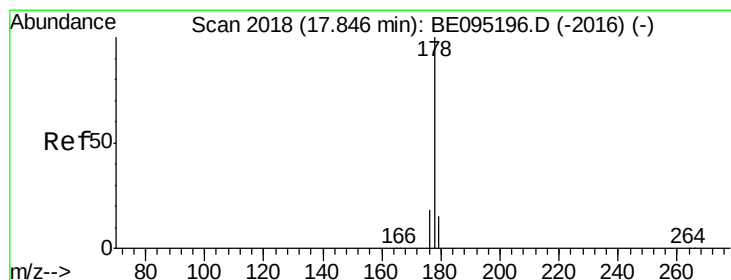
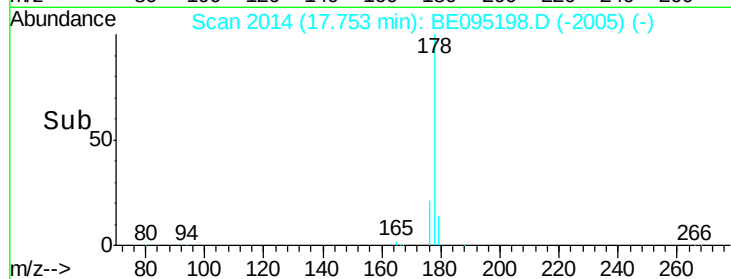
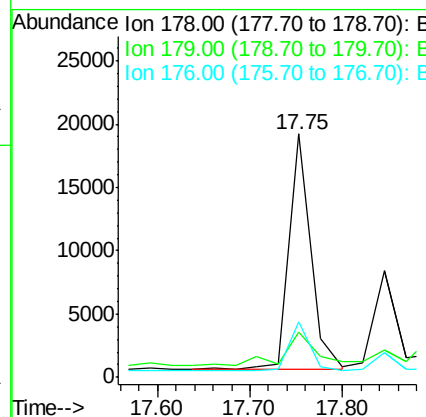
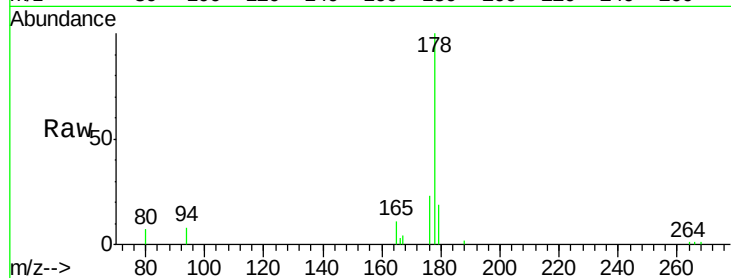




#12
Phenanthrene
Concen: 0.678 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

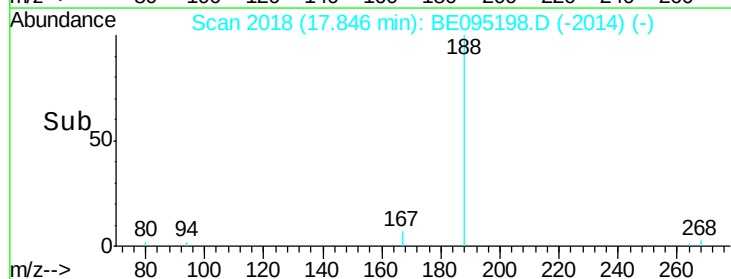
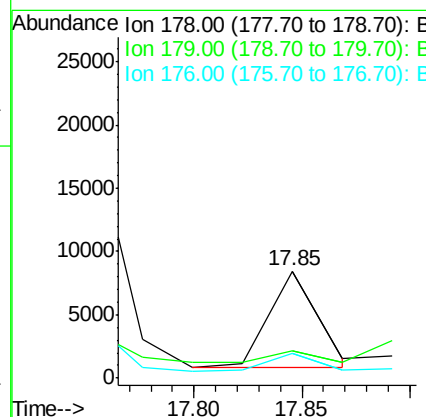
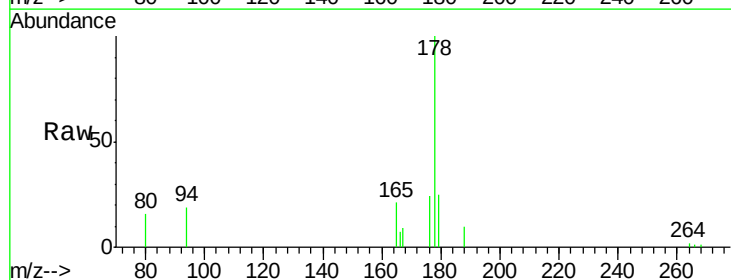
Instrument :
BNA_E
ClientSampleId :

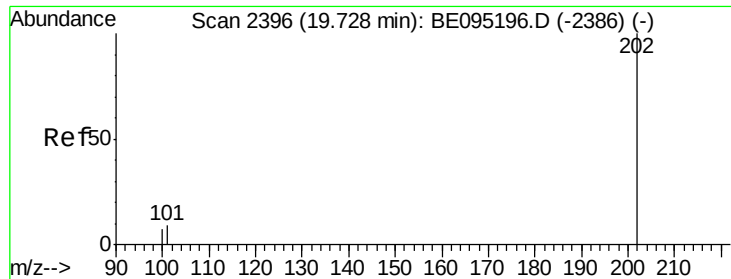
Tot Ion:178 Resp: 30342
Ion Ratio Lower Upper
178 100
179 18.7 18.4 27.6
176 22.6 13.6 20.4#



#13
Anthracene
Concen: 0.288 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion:178 Resp: 11783
Ion Ratio Lower Upper
178 100
179 24.9 18.1 27.1
176 23.5 14.7 22.1#





#15

Fluoranthene

Concen: 1.213 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

ClientSampleId :

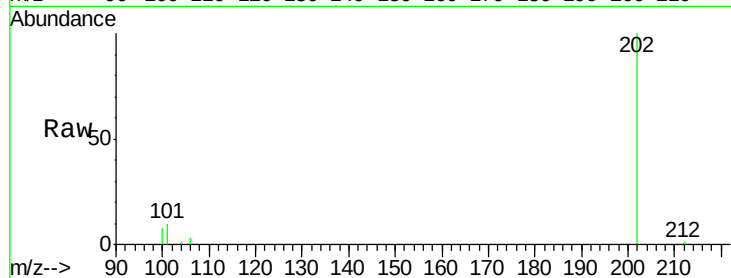
Tot Ion:202 Resp: 70312

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

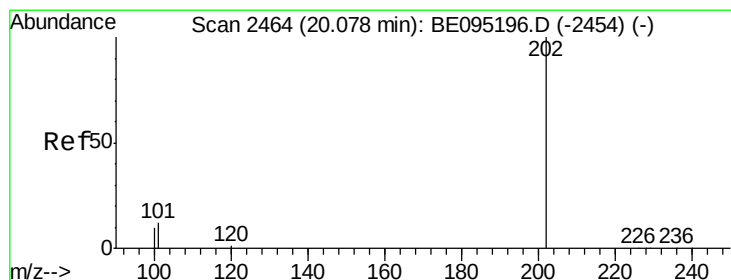
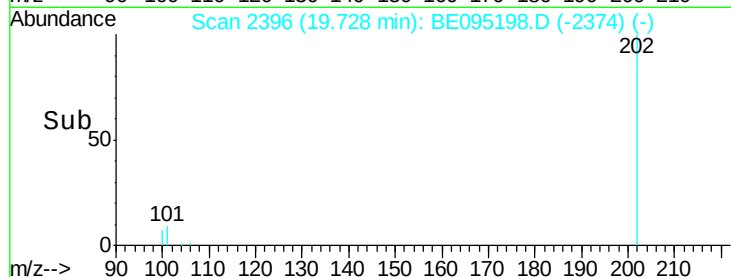
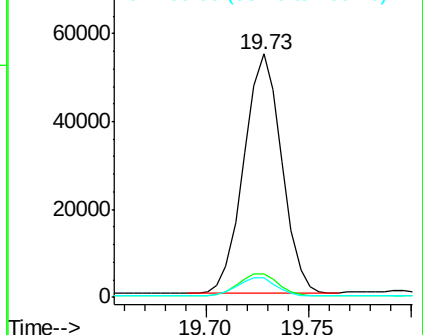
100 7.8 0.0 39.5



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: 2.630 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

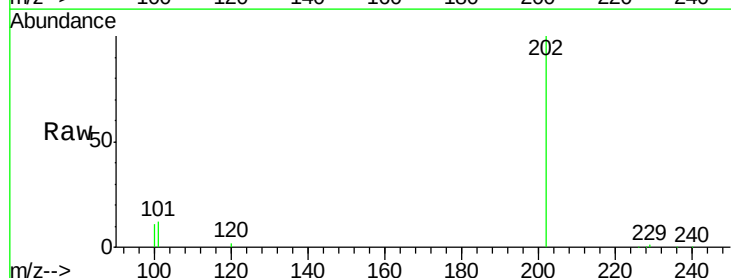
Tgt Ion:202 Resp: 127486

Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

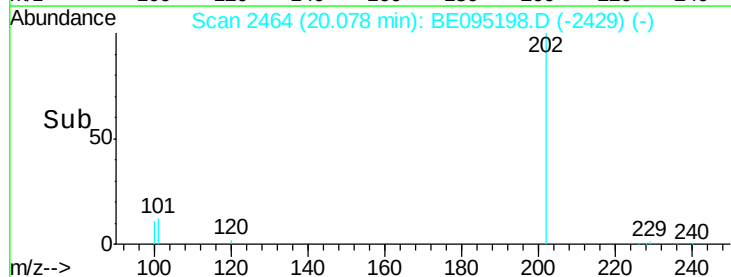
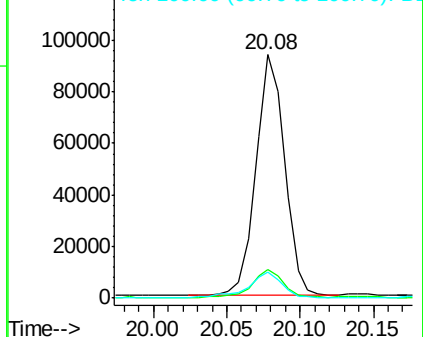
100 10.8 15.6 23.4#

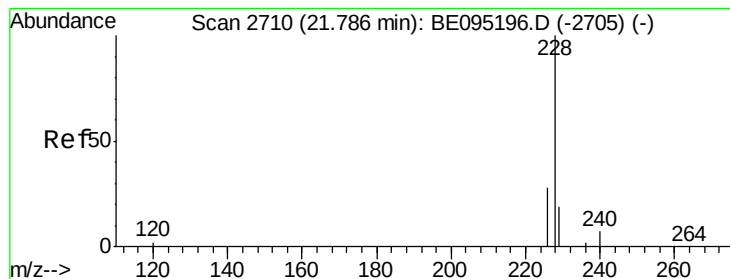


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.613 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

ClientSampleId :

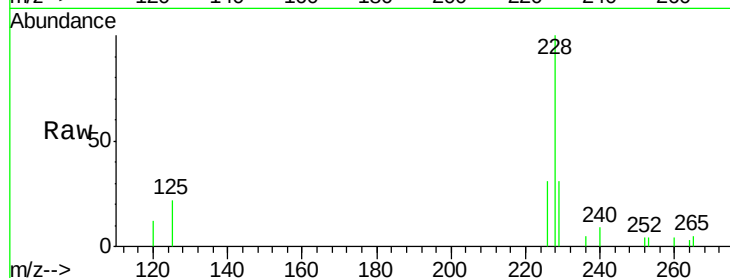
Tot Ion:228 Resp: 27663

Ion Ratio Lower Upper

228 100

229 30.8 22.8 34.2

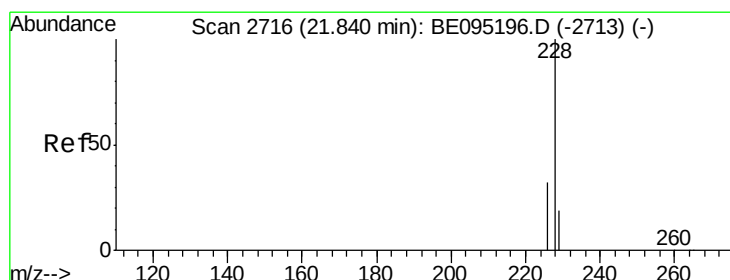
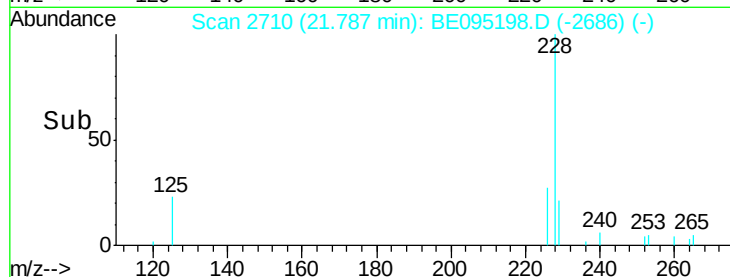
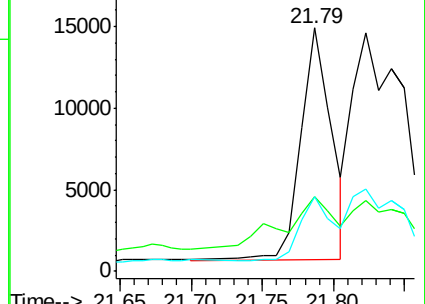
226 30.9 17.0 25.6#



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: 0.722 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. -0.02 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

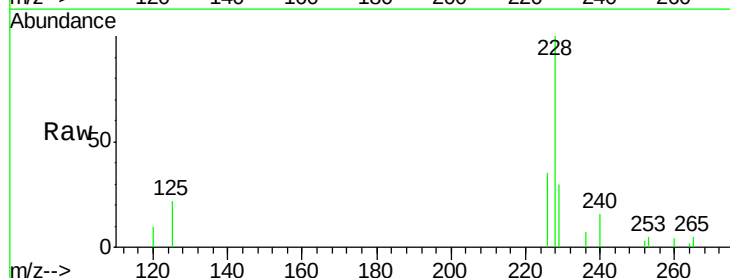
Tgt Ion:228 Resp: 33863

Ion Ratio Lower Upper

228 100

226 34.7 23.4 35.0

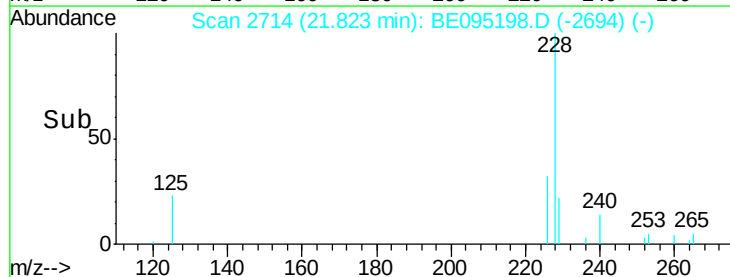
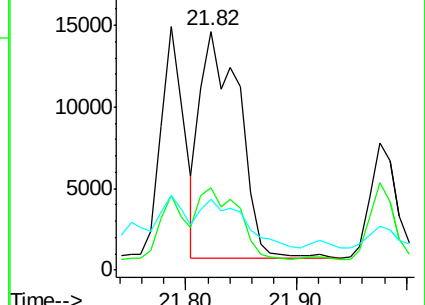
229 29.6 17.7 26.5#

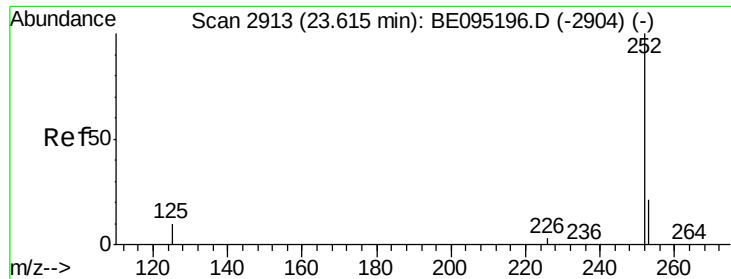


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.482 ng/ul

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

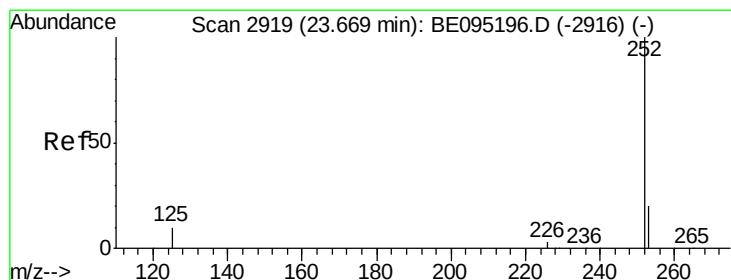
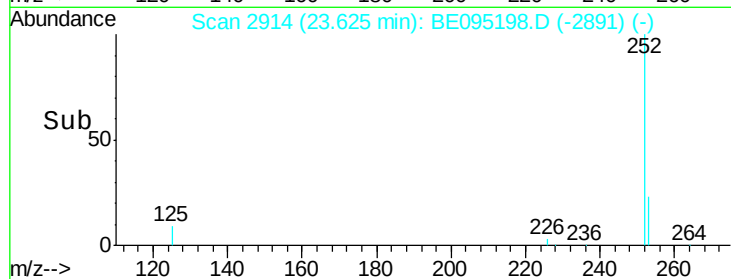
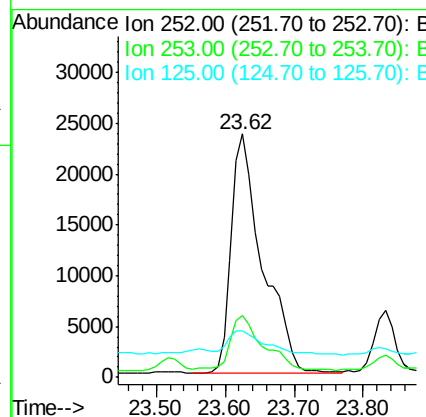
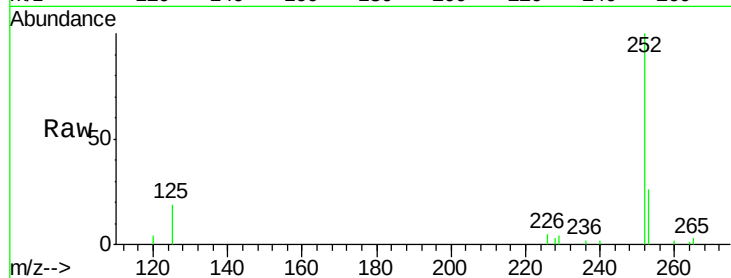
Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 73724

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	64.2
125	19.2	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 1.620 ng/ul

RT: 23.62 min Scan# 2914

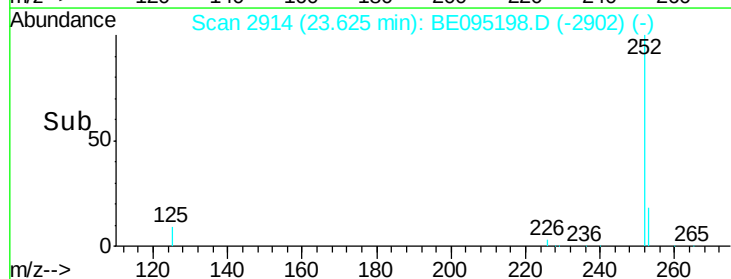
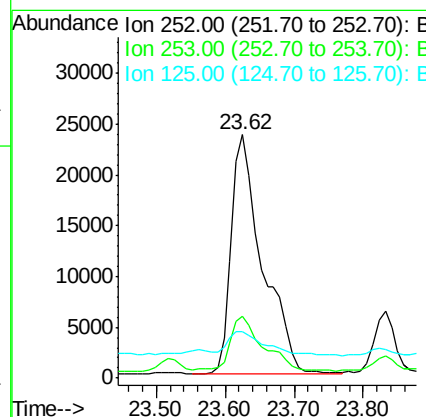
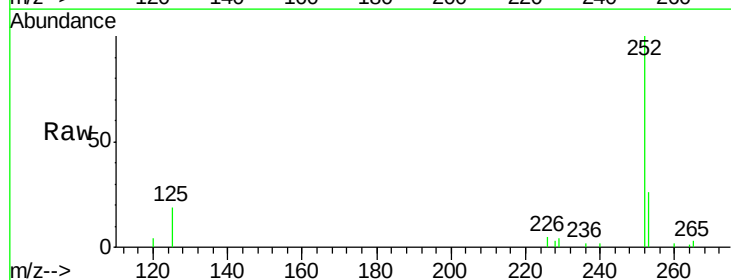
Delta R.T. -0.04 min

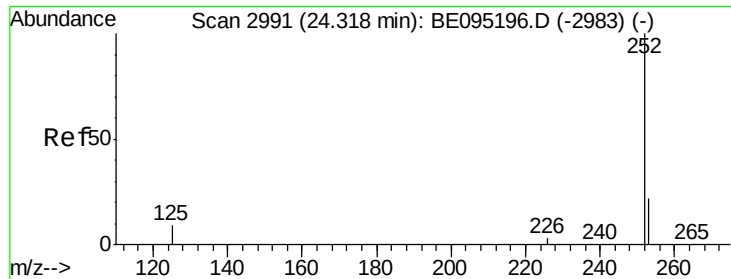
Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Tgt Ion:252 Resp: 73724

Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	19.2	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.986 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

ClientSampleId :

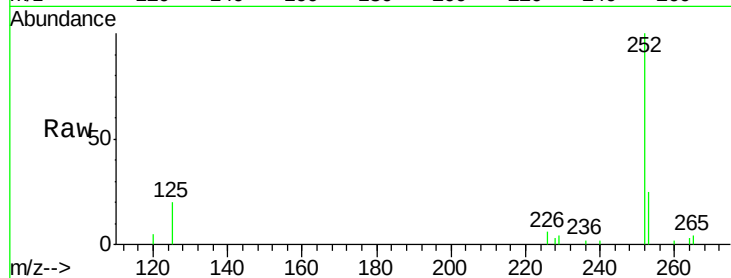
Tot Ion:252 Resp: 43817

Ion Ratio Lower Upper

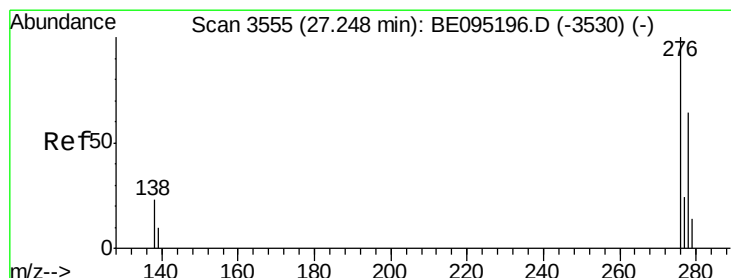
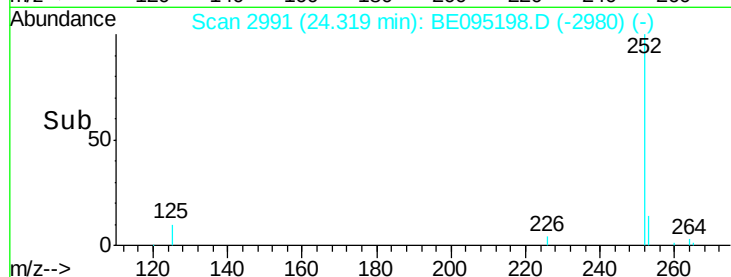
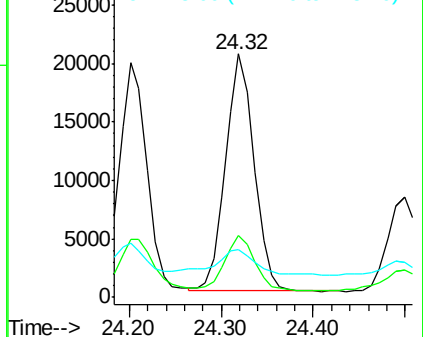
252 100

253 25.4 28.5 42.7#

125 19.8 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: 0.580 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

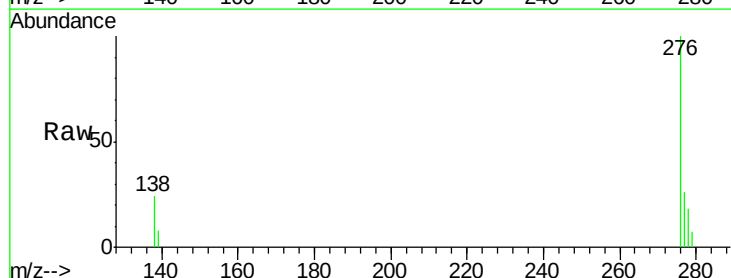
Tgt Ion:276 Resp: 28278

Ion Ratio Lower Upper

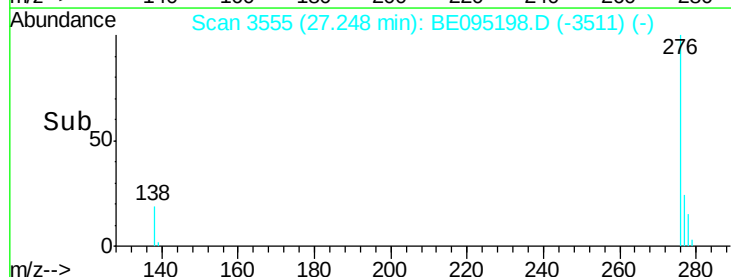
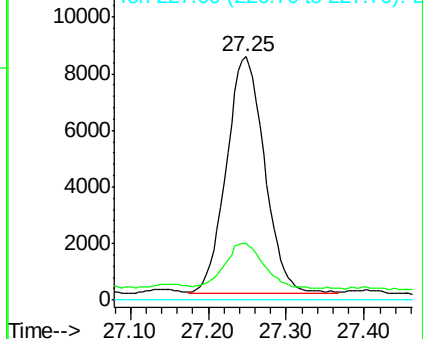
276 100

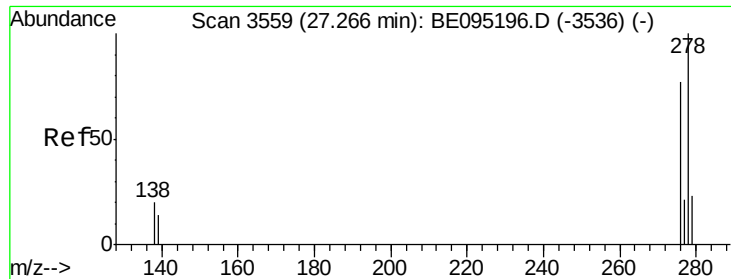
138 19.7 28.0 42.0#

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

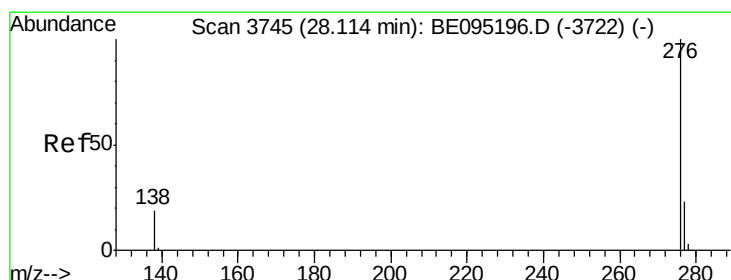
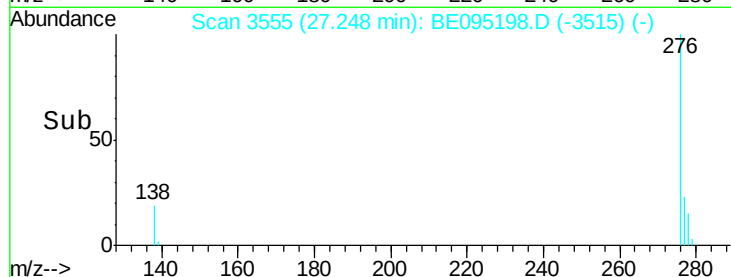
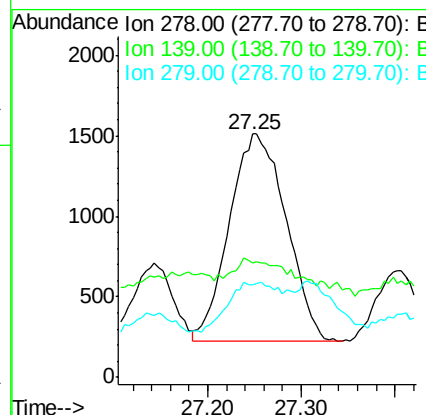
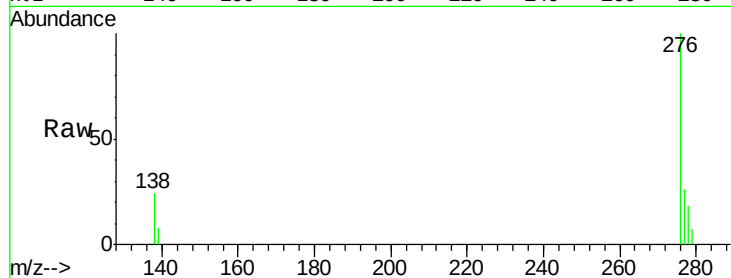




#25
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 27.25 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 5431
Ion Ratio Lower Upper
278 100
139 47.1 17.4 26.0#
279 38.0 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.694 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion:276 Resp: 28640
Ion Ratio Lower Upper
276 100
138 23.3 21.8 32.8
277 25.6 20.5 30.7

