

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012018\
 Data File : BE095087.D
 Acq On : 20 Jan 2018 13:34
 Operator : SJ/JU
 Sample : J1216-03DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 22 04:30:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

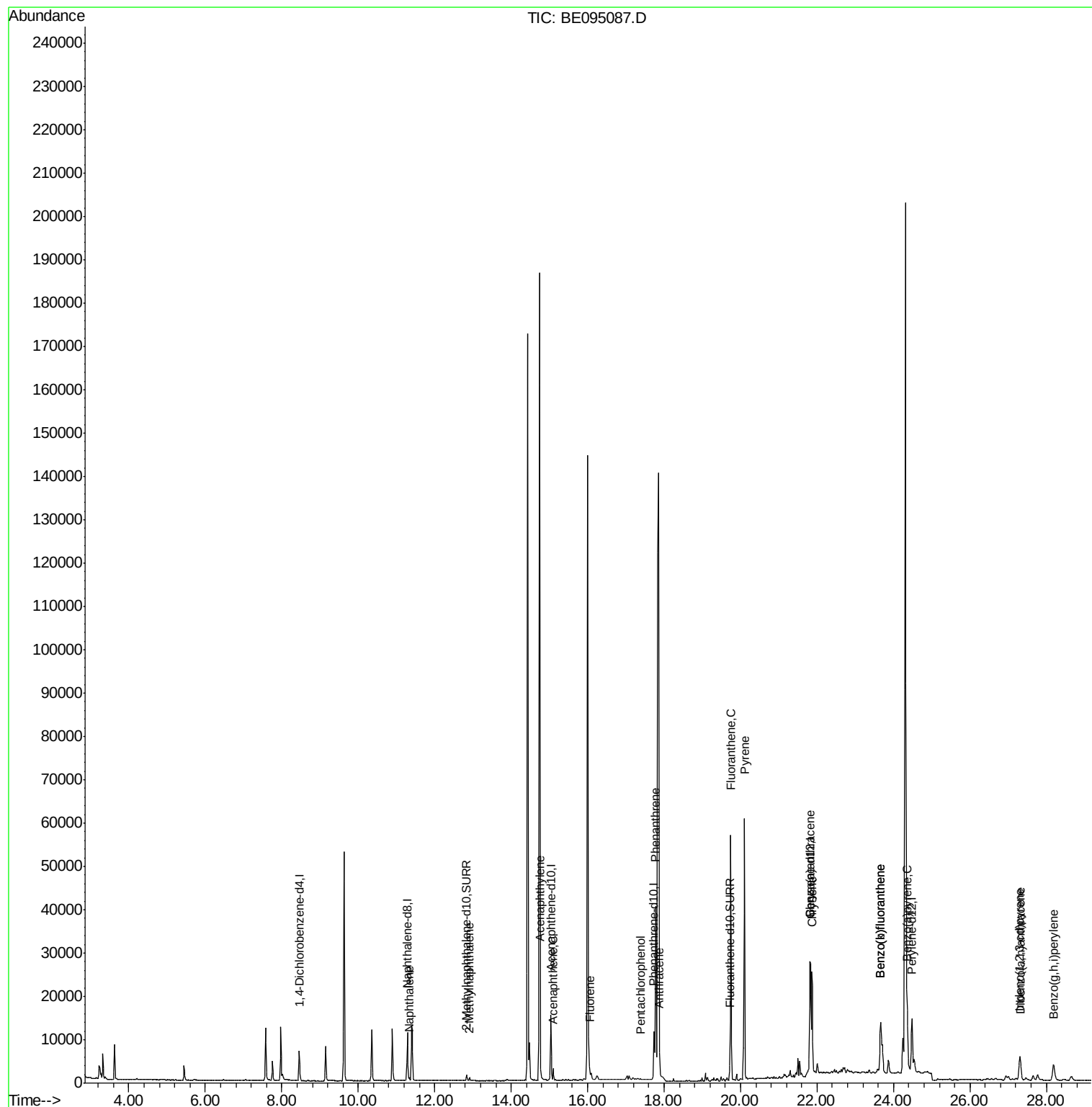
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4434	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	14396	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	8502	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	17919	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	20460	0.40	ng/ul	0.00
20) Perylene-d12	24.48	264	20112	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	1562	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	4205	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.33	128	955	0.025	ng/ul#	75
5) 2-Methylnaphthalene	12.91	142	574	0.022	ng/ul	100
7) Acenaphthylene	14.77	152	2750	0.072	ng/ul	97
8) Acenaphthene	15.10	153	1619	0.055	ng/ul	92
9) Fluorene	16.05	166	2263	0.072	ng/ul#	79
11) Pentachlorophenol	17.38	266	44	0.042	ng/ul#	62
12) Phenanthrene	17.78	178	44794	0.941	ng/ul#	88
13) Anthracene	17.87	178	4558	0.110	ng/ul#	93
15) Fluoranthene	19.75	202	62860	1.034	ng/ul	84
17) Pyrene	20.10	202	64680	0.870	ng/ul#	80
18) Benzo(a)anthracene	21.81	228	27226	0.481	ng/ul#	87
19) Chrysene	21.87	228	24566	0.389	ng/ul	97
21) Benzo(b)fluoranthene	23.66	252	33445	0.494	ng/ul	88
22) Benzo(k)fluoranthene	23.66	252	33445	0.535	ng/ul#	90
23) Benzo(a)pyrene	24.36	252	19796	0.342	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.31	276	10905	0.212	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.33	278	2739	0.075	ng/ul#	85
26) Benzo(g,h,i)perylene	28.19	276	10003	0.196	ng/ul	98

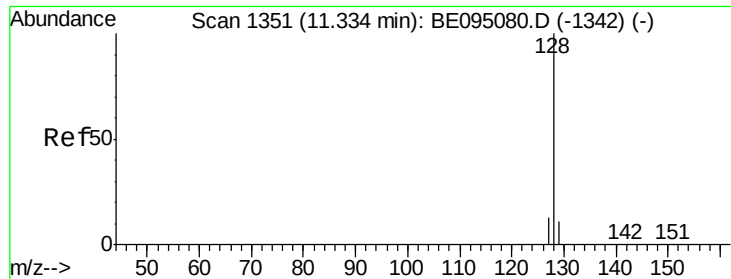
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 11.33 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

Instrument :

BNA_E

ClientSampleId :

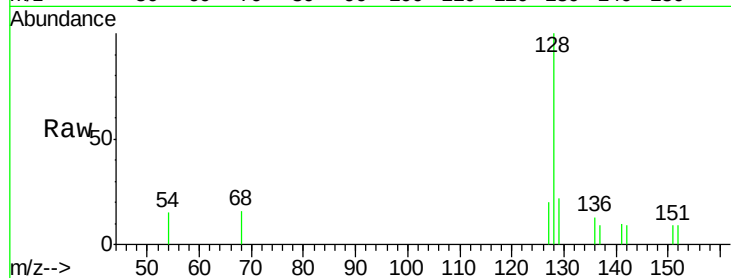
Tot Ion:128 Resp: 955

Ion Ratio Lower Upper

128 100

129 21.5 11.3 16.9#

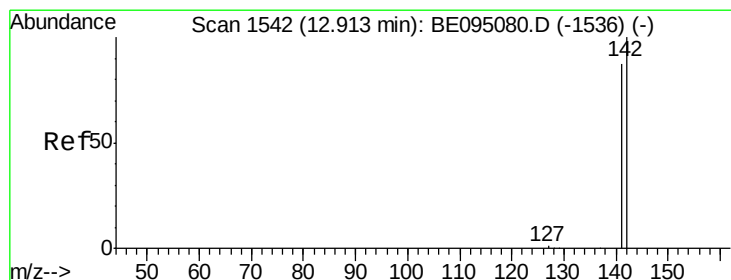
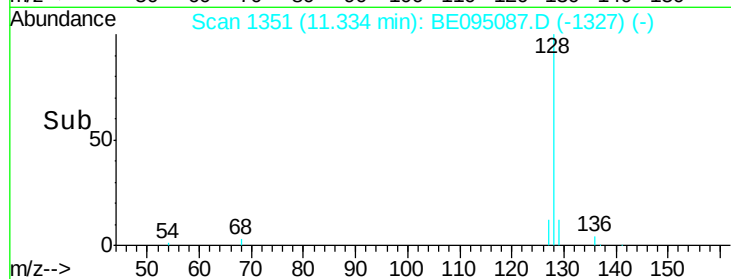
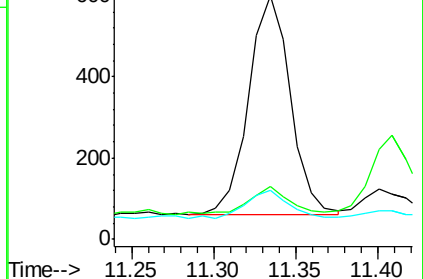
127 20.0 4.0 6.0#



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: 0.022 ng/ul

RT: 12.91 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE095087.D

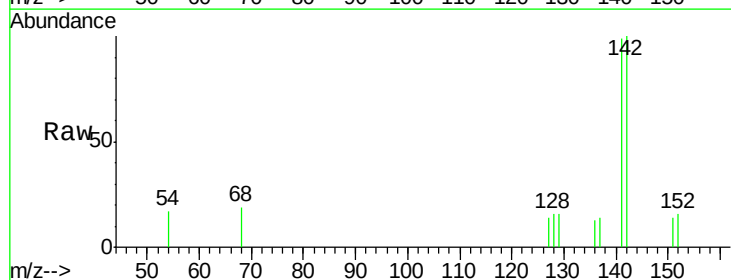
Acq: 20 Jan 2018 13:34

Tgt Ion:142 Resp: 574

Ion Ratio Lower Upper

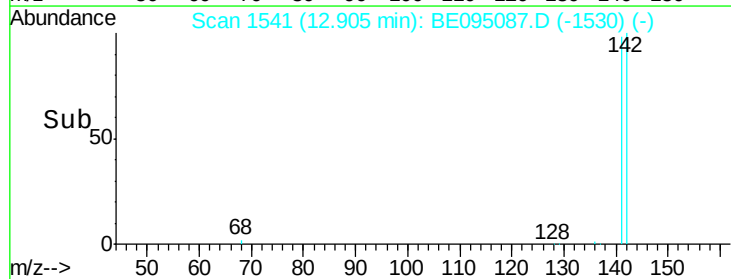
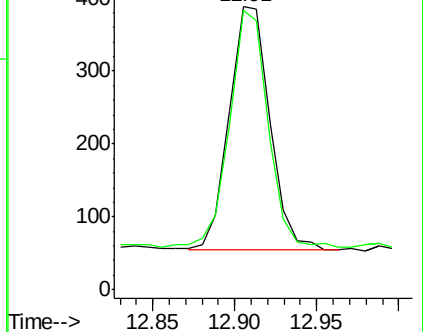
142 100

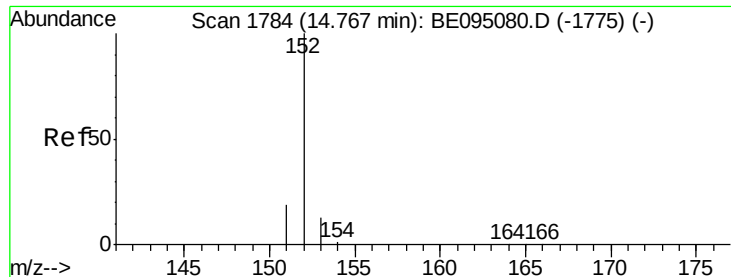
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

Instrument :

BNA_E

ClientSampleId :

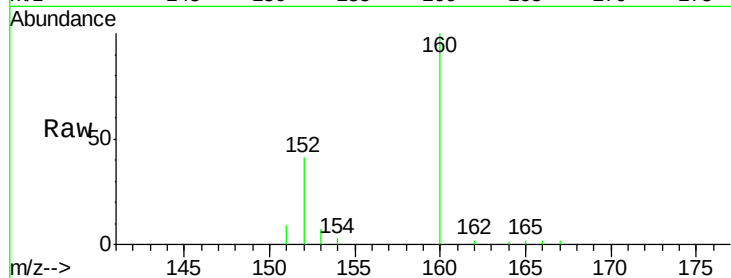
Tot Ion:152 Resp: 2750

Ion Ratio Lower Upper

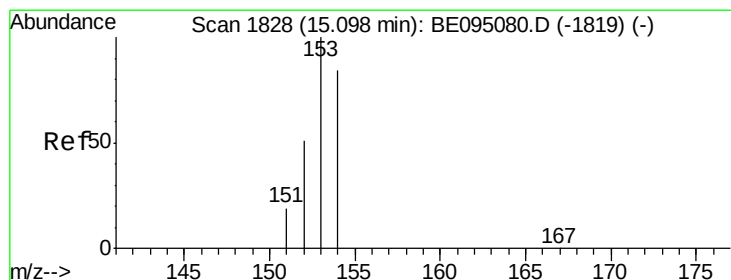
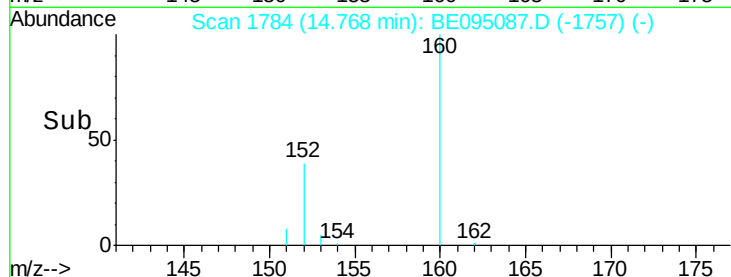
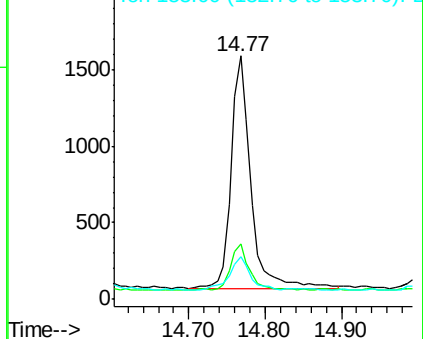
152 100

151 22.9 17.1 25.7

153 17.4 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: 0.055 ng/ul

RT: 15.10 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

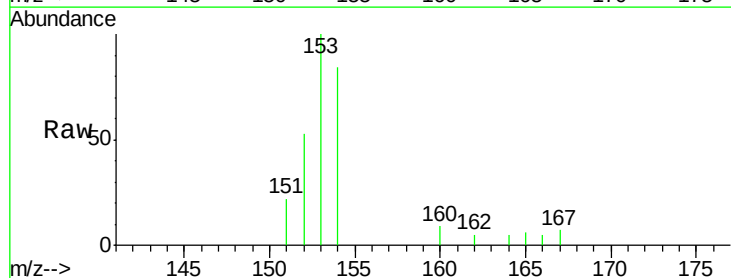
Tgt Ion:153 Resp: 1619

Ion Ratio Lower Upper

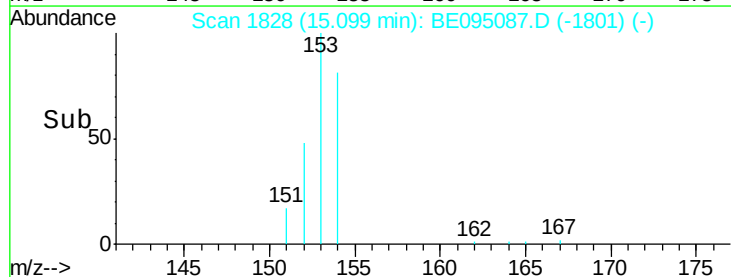
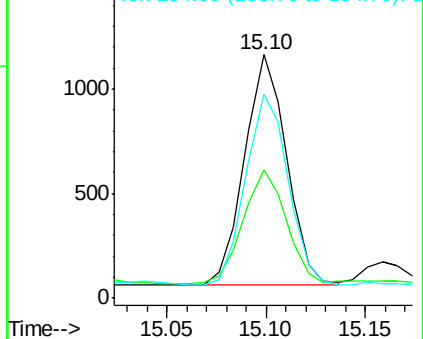
153 100

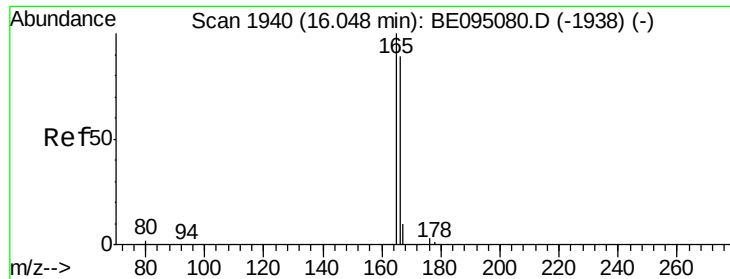
152 52.7 36.0 54.0

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: 0.072 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

Instrument :

BNA_E

ClientSampleId :

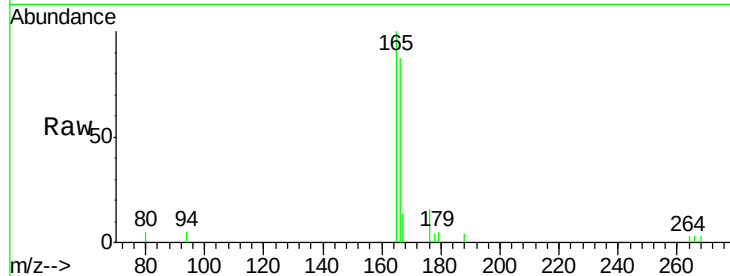
Tot Ion:166 Resp: 2263

Ion Ratio Lower Upper

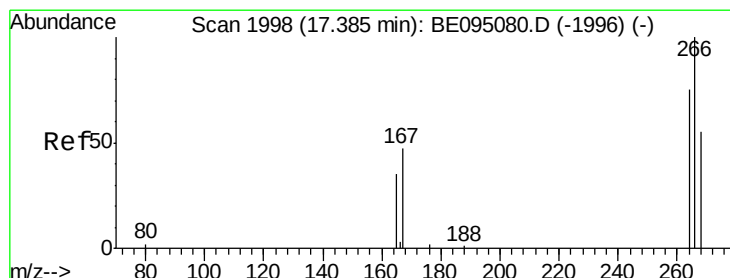
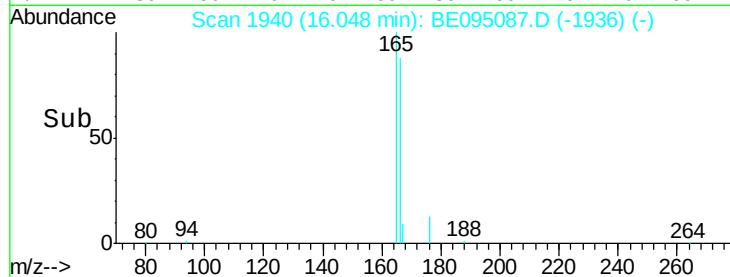
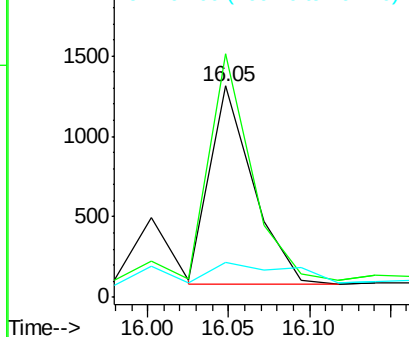
166 100

165 115.1 73.4 110.2#

167 16.7 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: 0.042 ng/ul

RT: 17.38 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

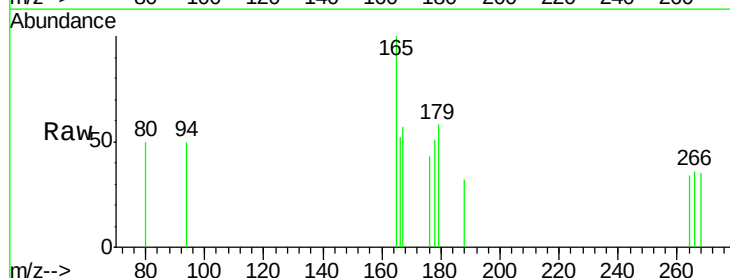
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

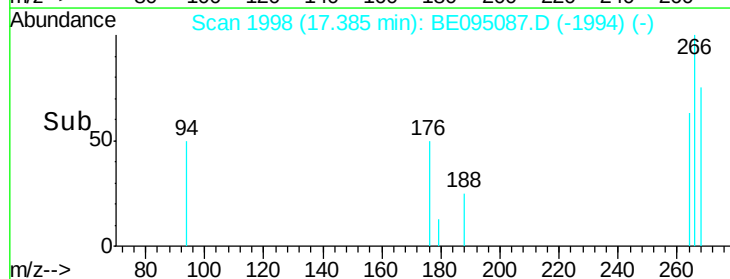
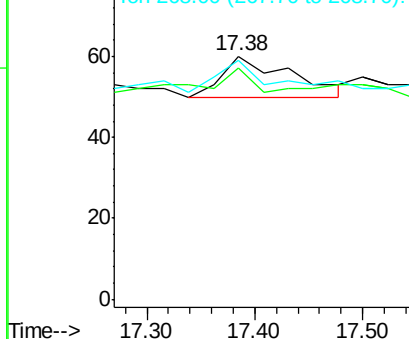
266 100

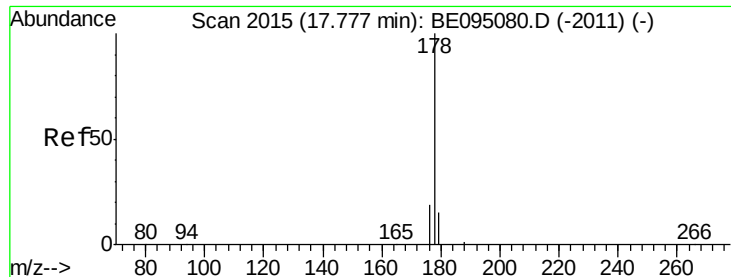
264 13.6 47.9 71.9#

268 75.0 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: 0.941 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

Instrument :

BNA_E

ClientSampleId :

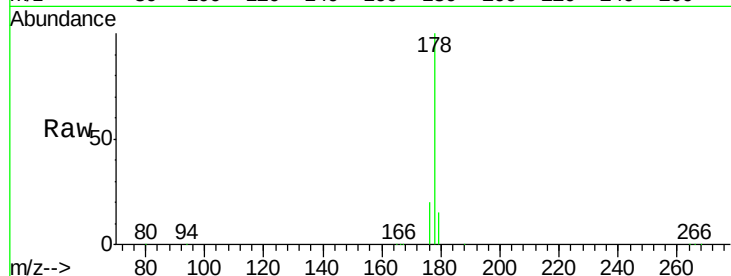
Tot Ion:178 Resp: 44794

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

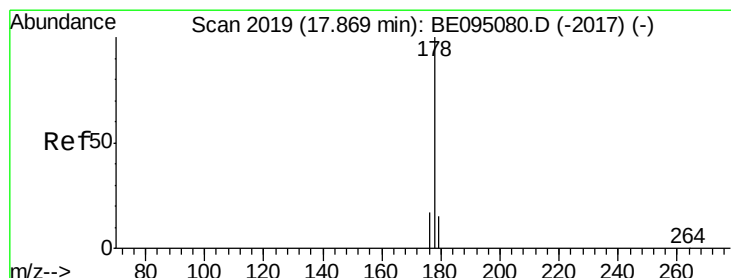
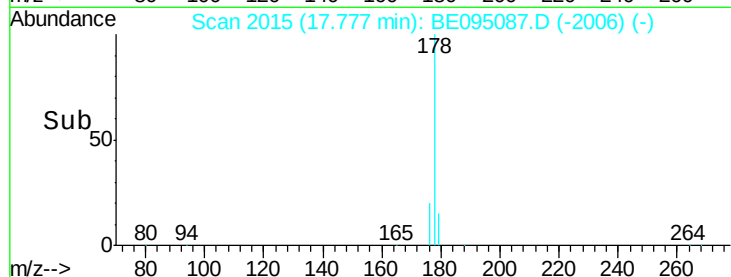
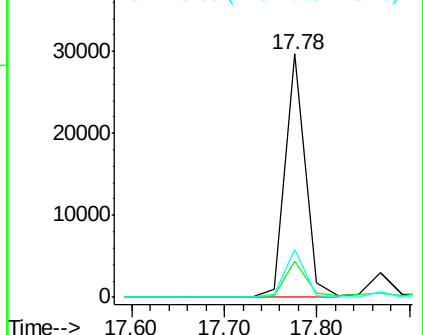
176 19.7 13.6 20.4



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: 0.110 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

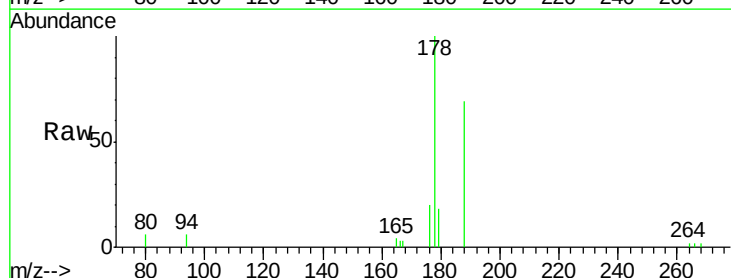
Tgt Ion:178 Resp: 4558

Ion Ratio Lower Upper

178 100

179 17.5 18.1 27.1#

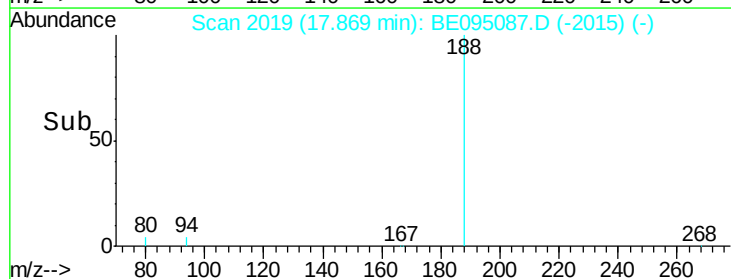
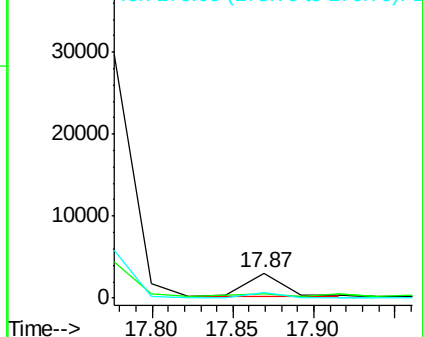
176 20.0 14.7 22.1

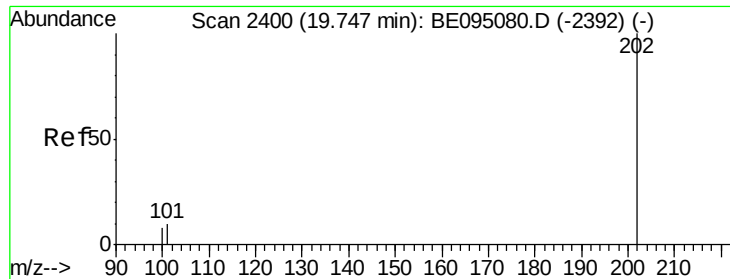


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

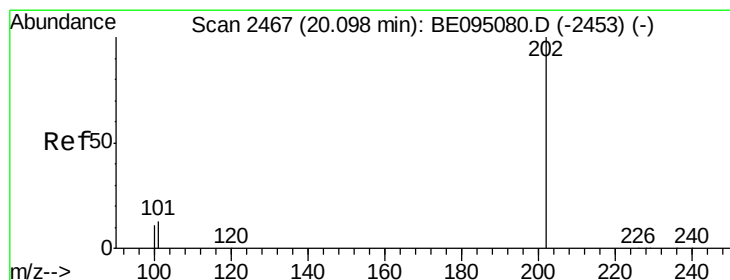
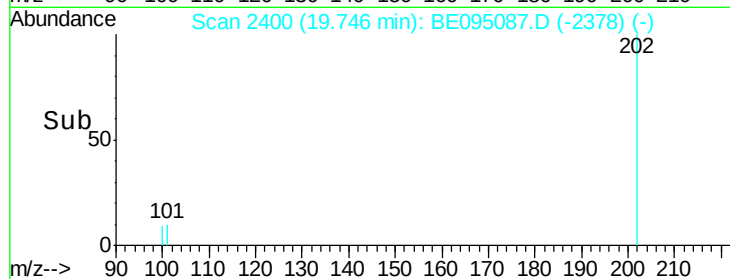
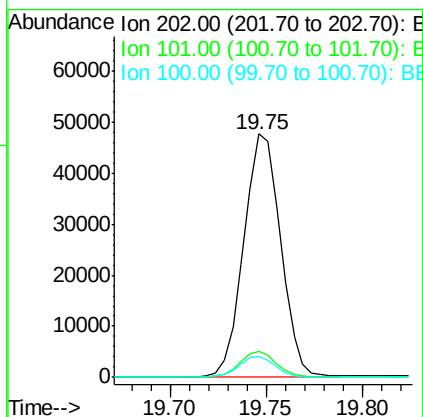
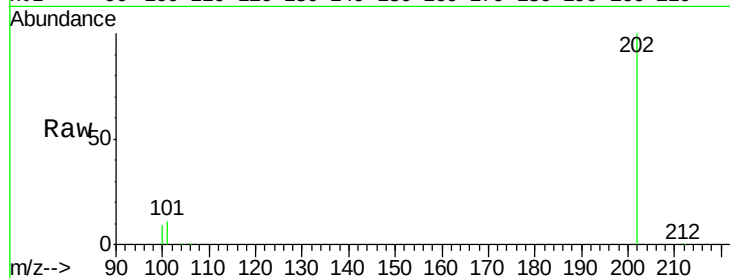




#15
Fluoranthene
 Concen: 1.034 ng/ul
 RT: 19.75 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BE095087.D
 Acq: 20 Jan 2018 13:34

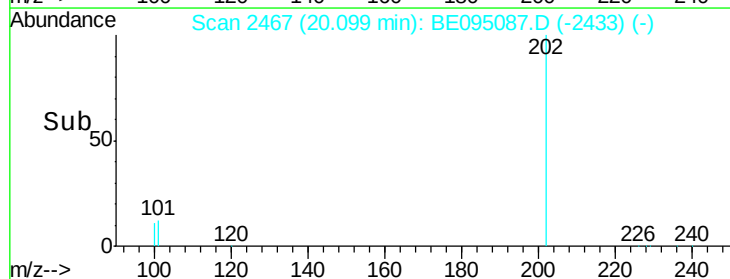
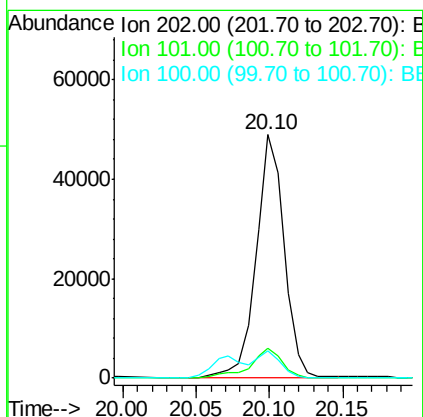
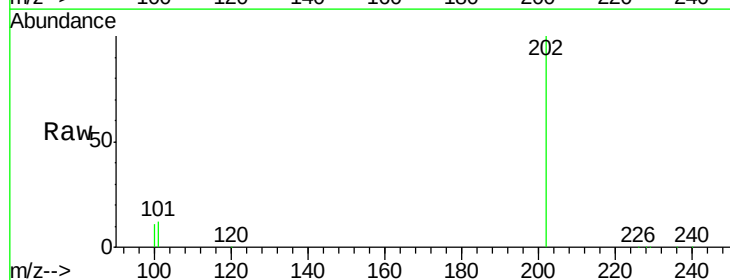
Instrument :
 BNA_E
 ClientSampleId :

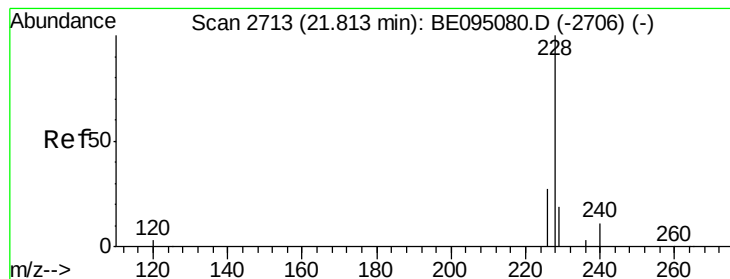
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.7	0.0	39.5



#17
Pyrene
 Concen: 0.870 ng/ul
 RT: 20.10 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BE095087.D
 Acq: 20 Jan 2018 13:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.0	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.481 ng/ul

RT: 21.81 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

Instrument :

BNA_E

ClientSampleId :

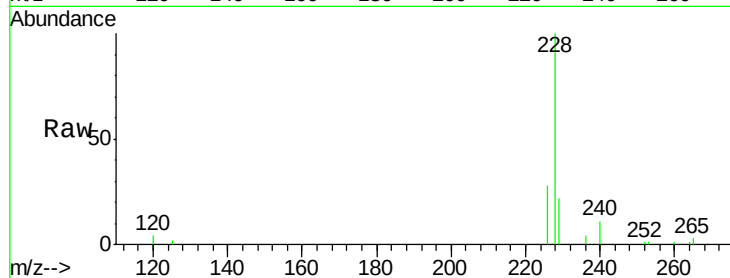
Tot Ion:228 Resp: 27226

Ion Ratio Lower Upper

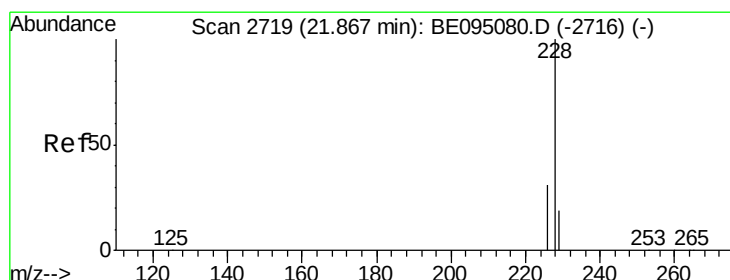
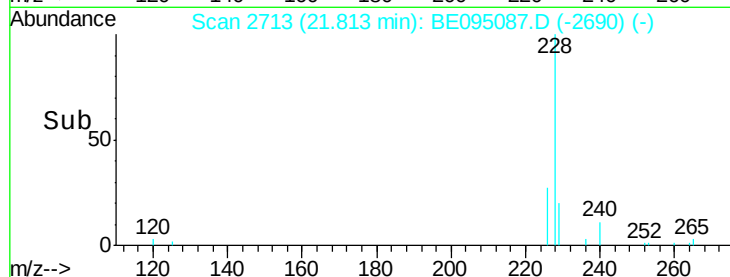
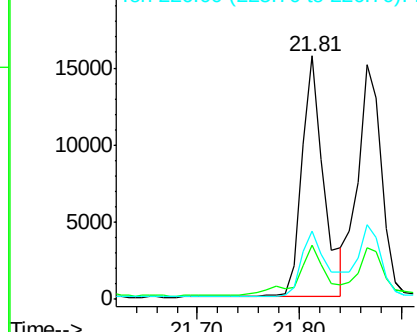
228 100

229 22.1 22.8 34.2#

226 28.0 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: 0.389 ng/ul

RT: 21.87 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

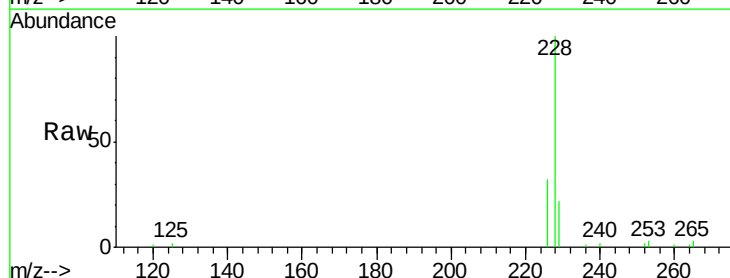
Tgt Ion:228 Resp: 24566

Ion Ratio Lower Upper

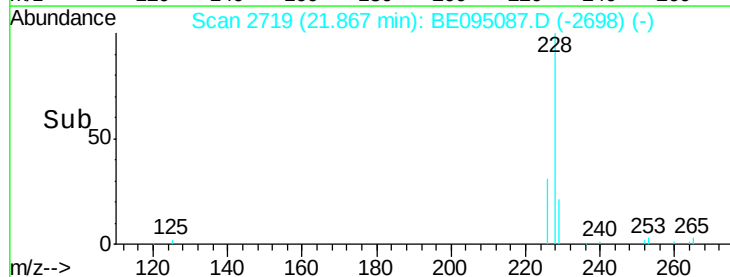
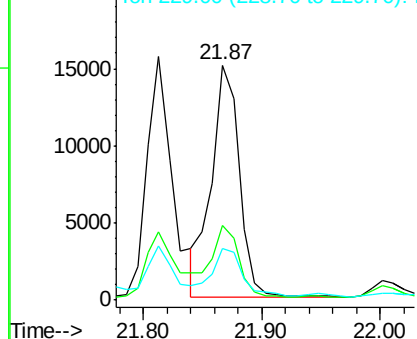
228 100

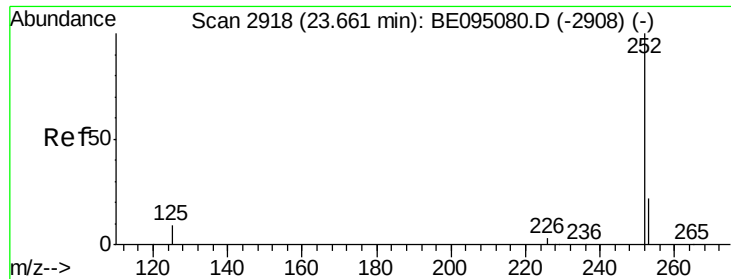
226 31.7 23.4 35.0

229 22.1 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

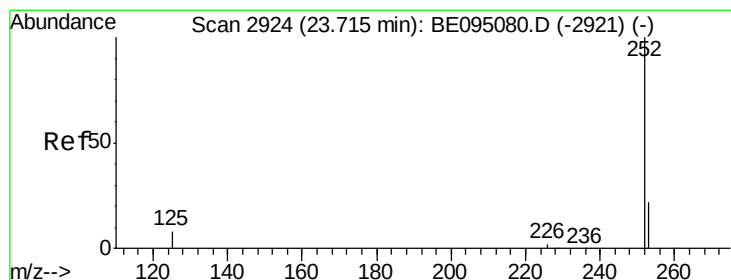
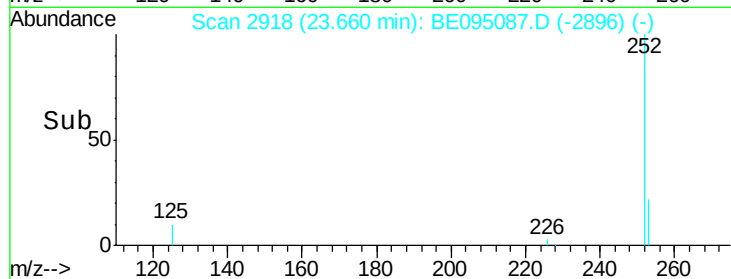
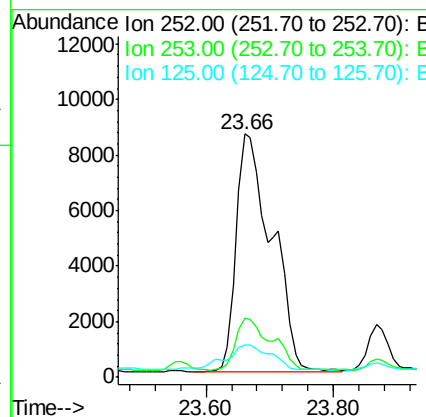
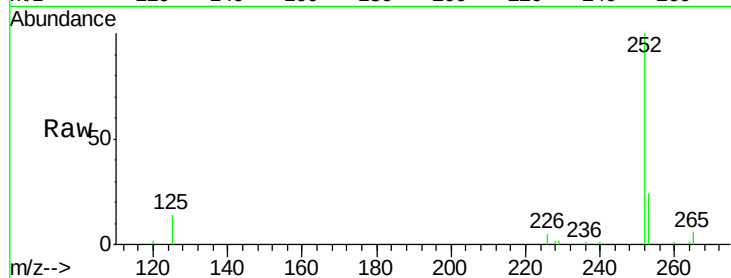




#21
Benzo(b)fluoranthene
Concen: 0.494 ng/ul
RT: 23.66 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BE095087.D
Acq: 20 Jan 2018 13:34

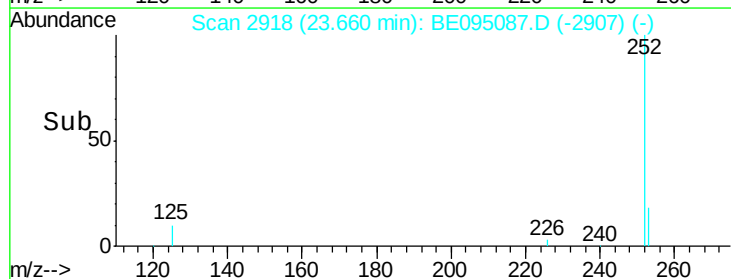
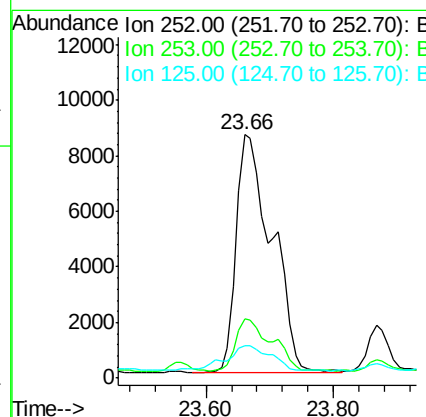
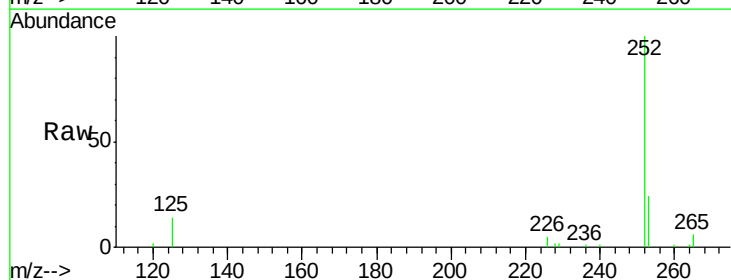
Instrument :
BNA_E
ClientSampleId :

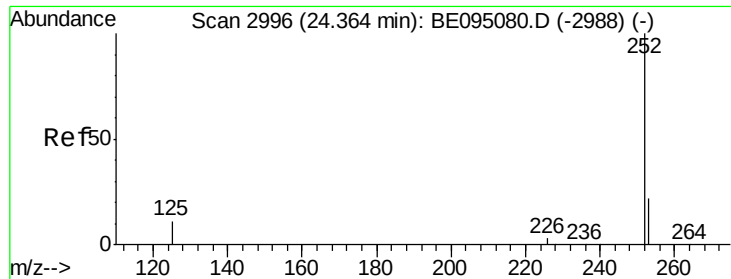
Tot Ion:252 Resp: 33445
Ion Ratio Lower Upper
252 100
253 24.3 0.0 64.2
125 13.5 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.535 ng/ul
RT: 23.66 min Scan# 2918
Delta R.T. -0.05 min
Lab File: BE095087.D
Acq: 20 Jan 2018 13:34

Tgt Ion:252 Resp: 33445
Ion Ratio Lower Upper
252 100
253 24.3 24.5 36.7#
125 13.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.342 ng/ul

RT: 24.36 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

Instrument :

BNA_E

ClientSampleId :

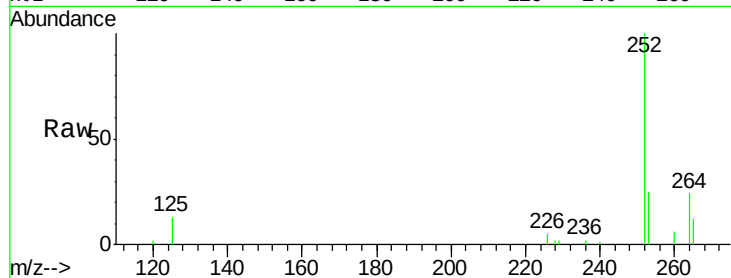
Tot Ion:252 Resp: 19796

Ion Ratio Lower Upper

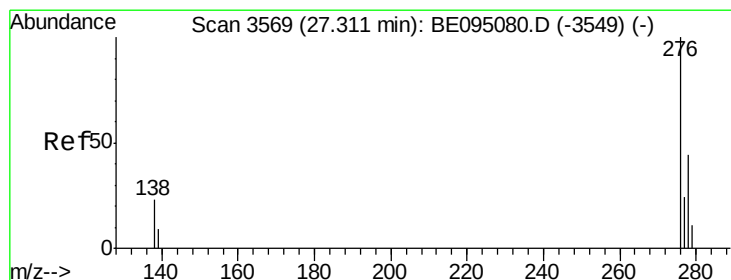
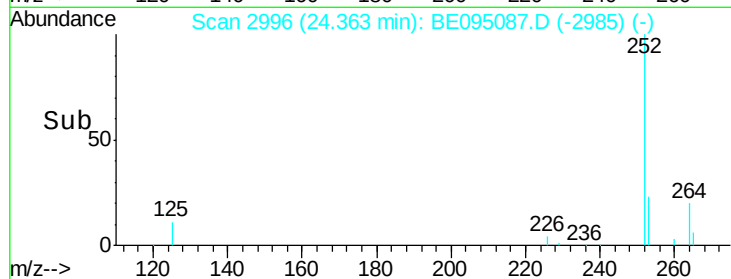
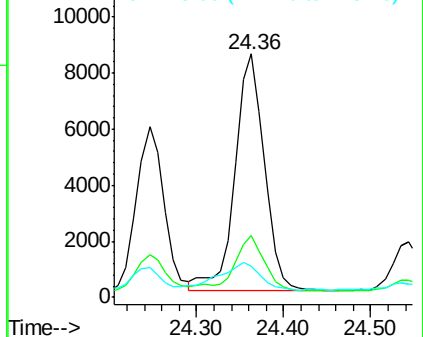
252 100

253 25.1 28.5 42.7#

125 12.9 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: 0.212 ng/ul

RT: 27.31 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BE095087.D

Acq: 20 Jan 2018 13:34

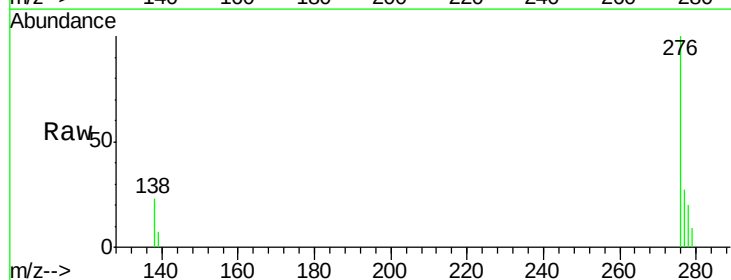
Tgt Ion:276 Resp: 10905

Ion Ratio Lower Upper

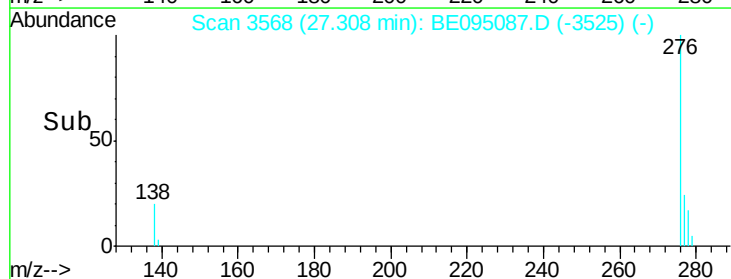
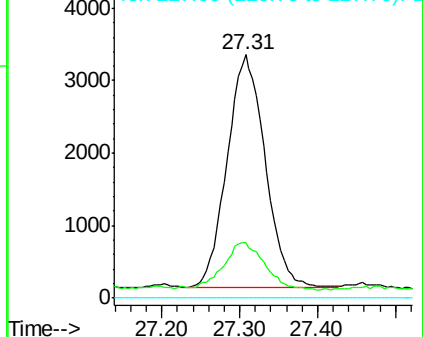
276 100

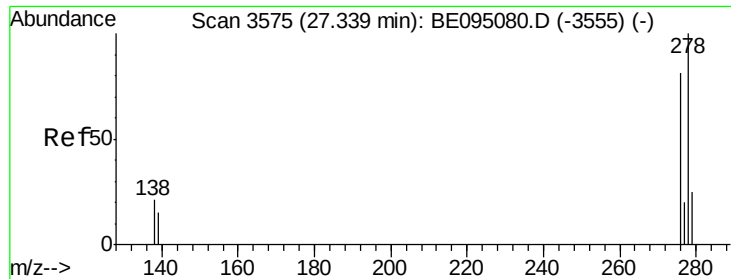
138 21.8 28.0 42.0#

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

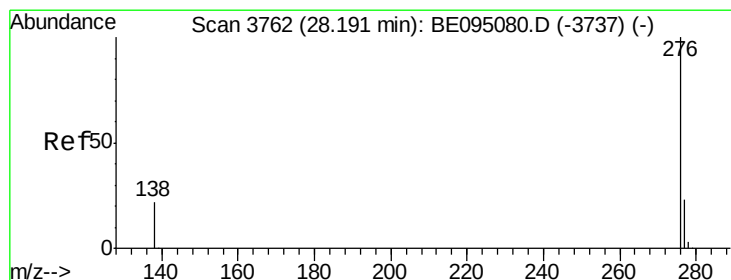
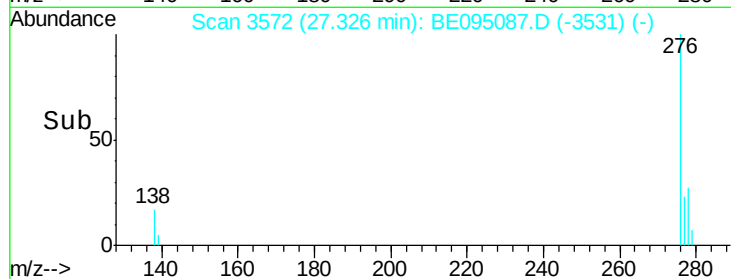
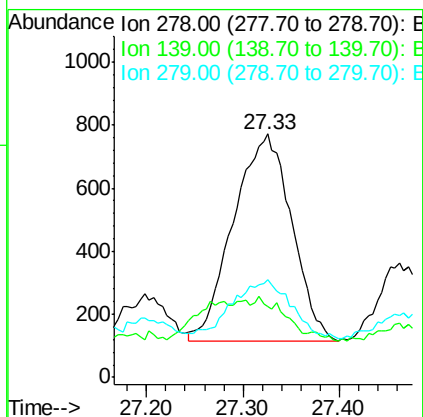
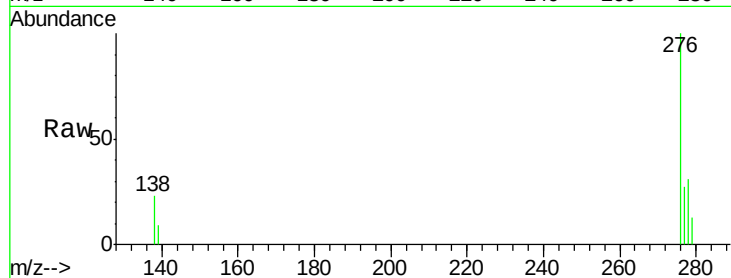




#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 27.33 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BE095087.D
Acq: 20 Jan 2018 13:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2739
Ion Ratio Lower Upper
278 100
139 29.1 17.4 26.0#
279 40.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.196 ng/ul
RT: 28.19 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BE095087.D
Acq: 20 Jan 2018 13:34

Tgt Ion:276 Resp: 10003
Ion Ratio Lower Upper
276 100
138 25.7 21.8 32.8
277 25.5 20.5 30.7

