

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095296.D
 Acq On : 31 Jan 2018 2:26
 Operator : SJ/JU
 Sample : J1223-16DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 03:44:22 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 03:40:45 2018
 Response via : Initial Calibration

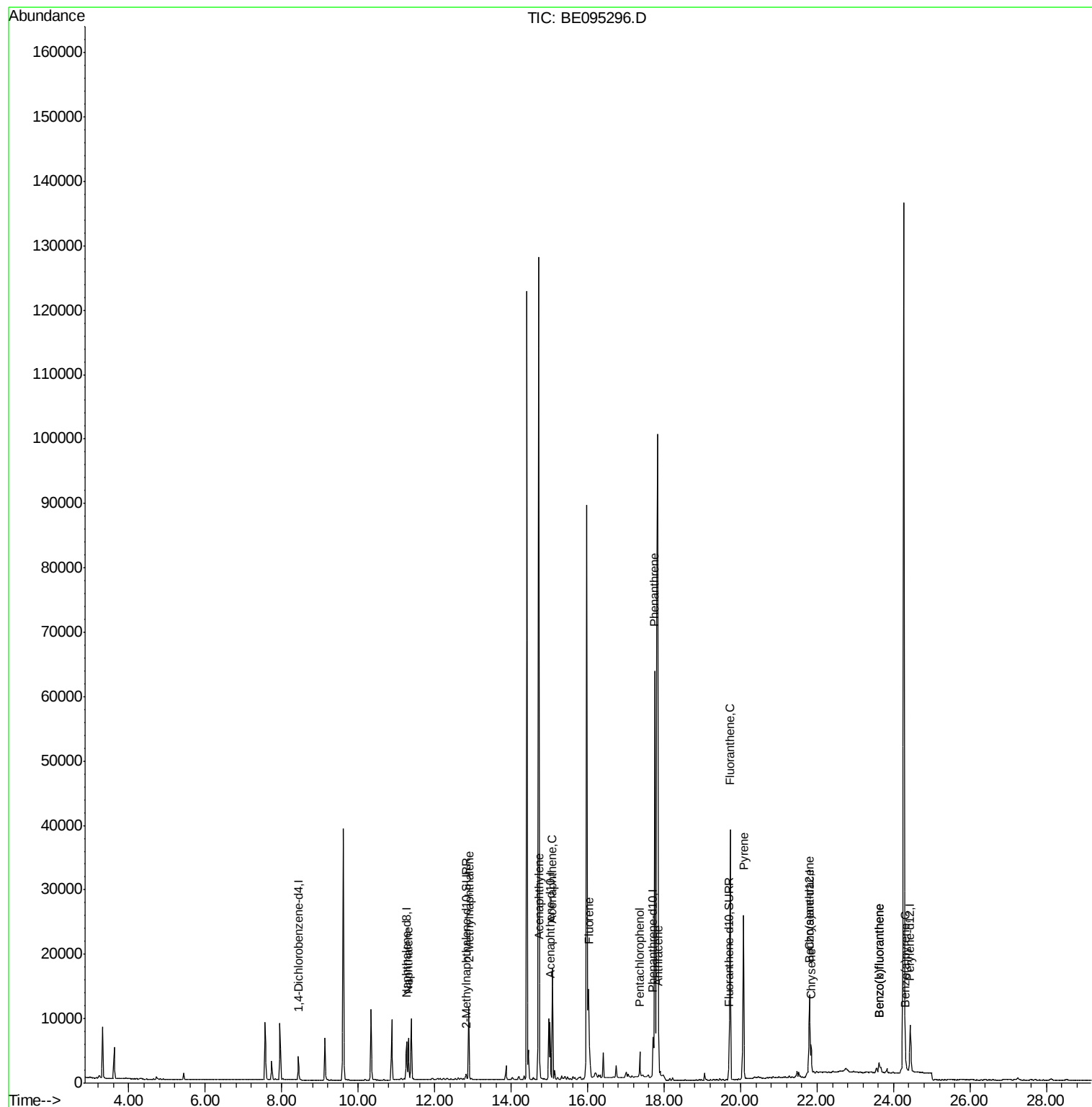
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2487	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7723	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5057	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10096	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11088	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1037	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2876	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	8787	0.406	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	9191	0.636	ng/ul	100
7) Acenaphthylene	14.75	152	675	0.028	ng/ul#	63
8) Acenaphthene	15.08	153	10000	0.530	ng/ul	94
9) Fluorene	16.02	166	11935	0.613	ng/ul#	76
11) Pentachlorophenol	17.36	266	2527	1.292	ng/ul	96
12) Phenanthrene	17.75	178	72078	2.123	ng/ul#	87
13) Anthracene	17.84	178	6839	0.220	ng/ul#	93
15) Fluoranthene	19.72	202	43733	0.995	ng/ul	84
17) Pyrene	20.08	202	33929	0.912	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	6960	0.201	ng/ul#	87
19) Chrysene	21.84	228	4605	0.128	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	4070	0.104	ng/ul	90
22) Benzo(k)fluoranthene	23.62	252	4070	0.113	ng/ul#	87
23) Benzo(a)pyrene	24.32	252	939	0.027	ng/ul#	69

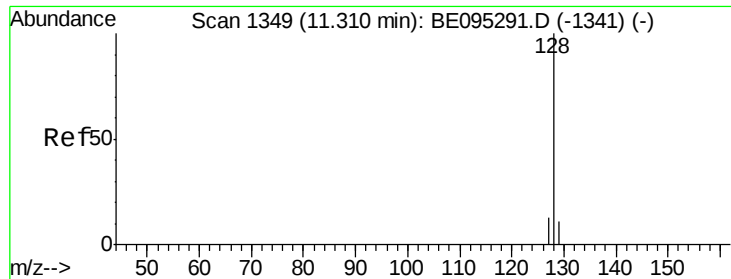
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.406 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

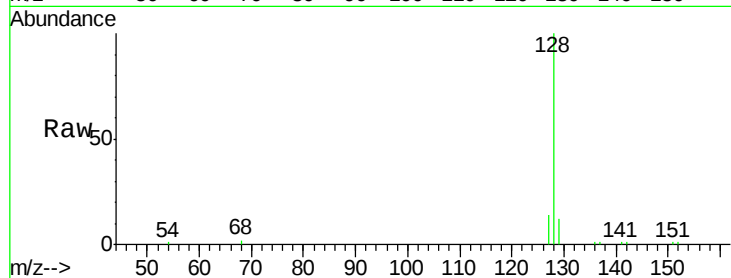
Tot Ion:128 Resp: 8787

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

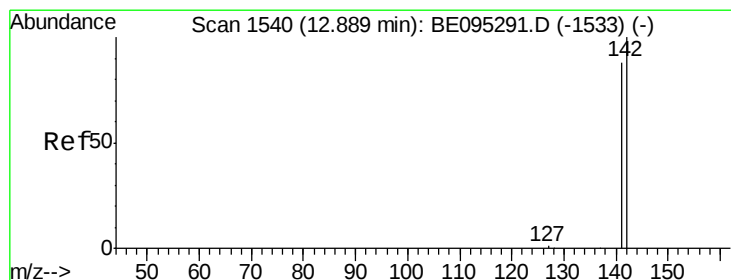
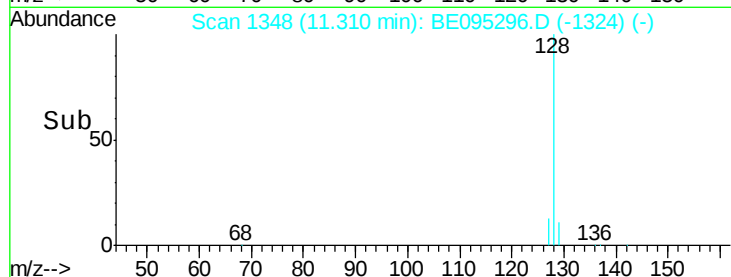
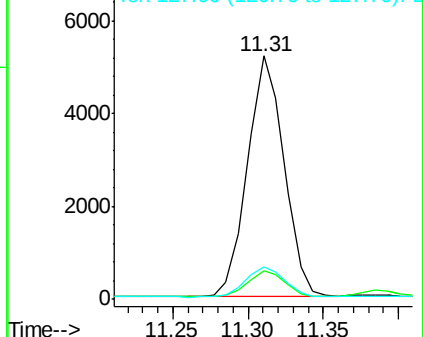
127 13.5 4.0 6.0#



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: 0.636 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095296.D

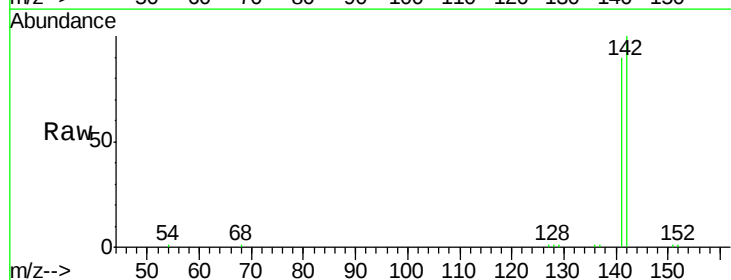
Acq: 31 Jan 2018 2:26

Tgt Ion:142 Resp: 9191

Ion Ratio Lower Upper

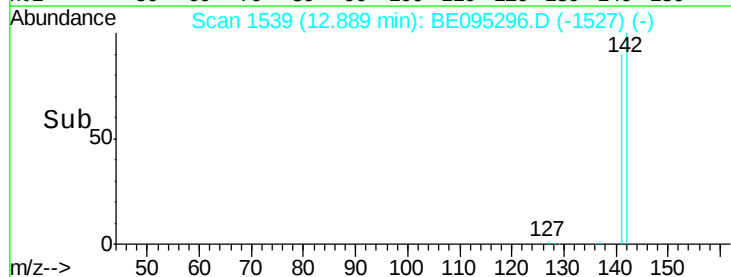
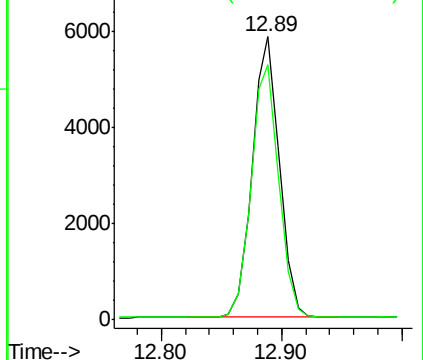
142 100

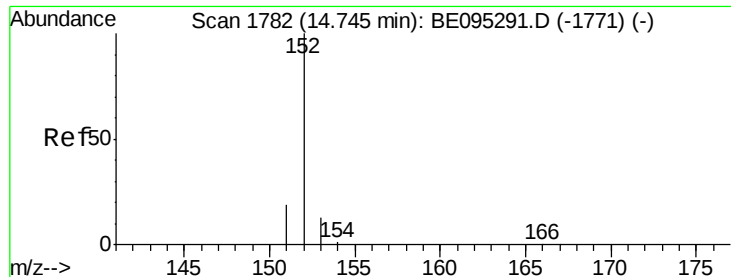
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

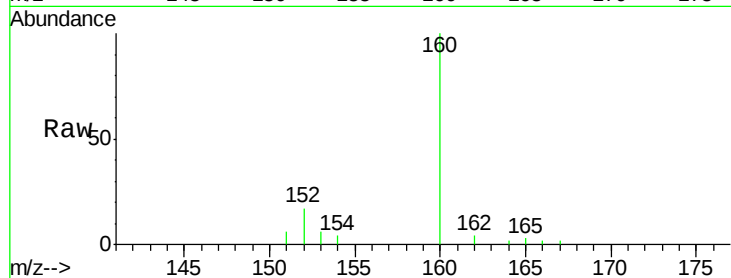
Tot Ion:152 Resp: 675

Ion Ratio Lower Upper

152 100

151 36.0 17.1 25.7#

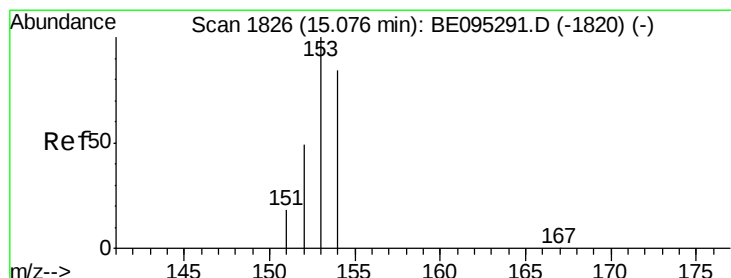
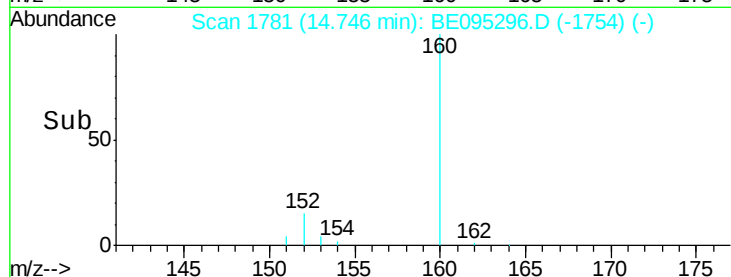
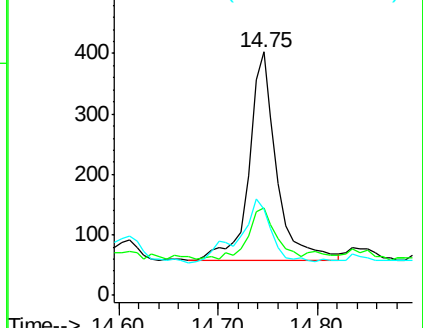
153 35.5 12.8 19.2#



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: 0.530 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

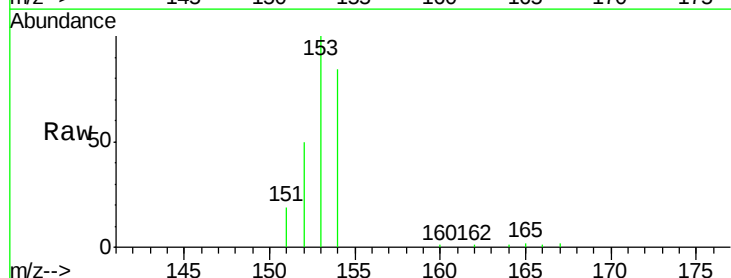
Tgt Ion:153 Resp: 10000

Ion Ratio Lower Upper

153 100

152 49.7 36.0 54.0

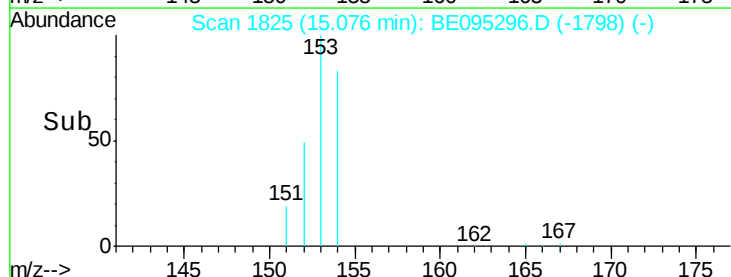
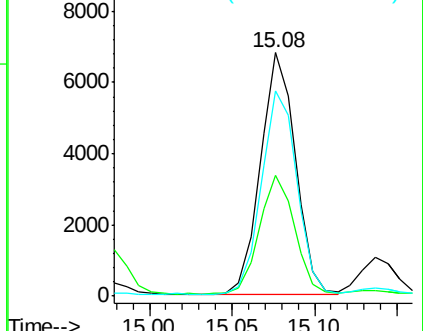
154 84.4 72.0 108.0

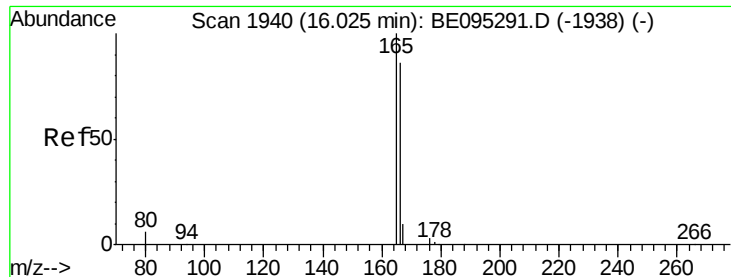


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.613 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

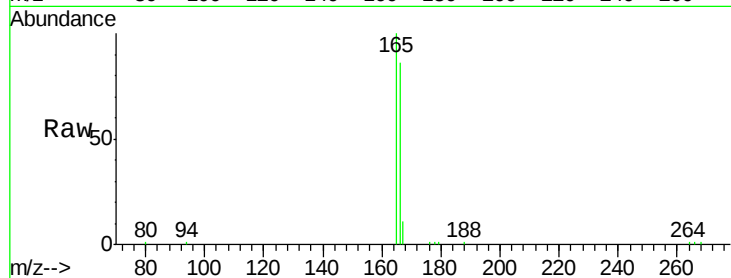
Tot Ion:166 Resp: 11935

Ion Ratio Lower Upper

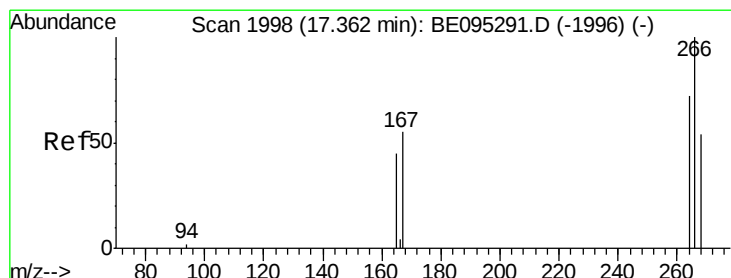
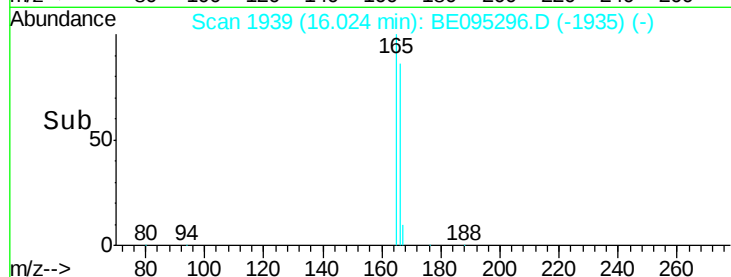
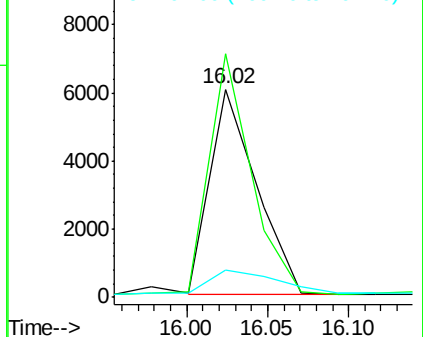
166 100

165 116.8 73.4 110.2#

167 13.1 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: 1.292 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

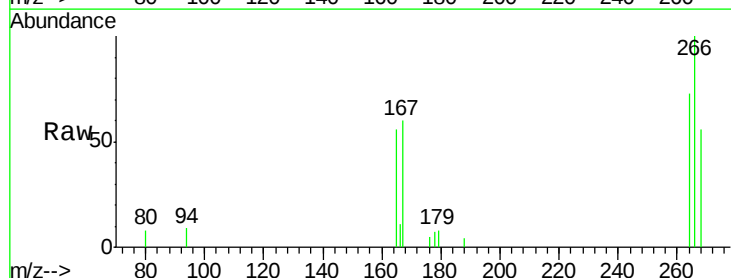
Tgt Ion:266 Resp: 2527

Ion Ratio Lower Upper

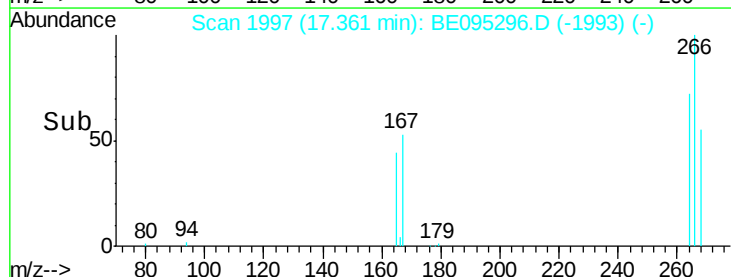
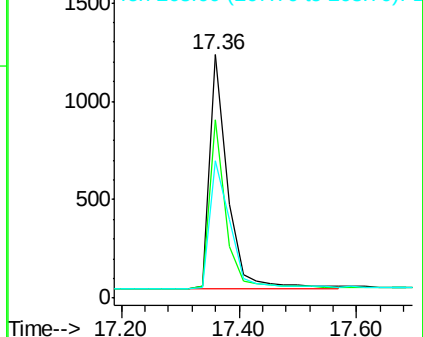
266 100

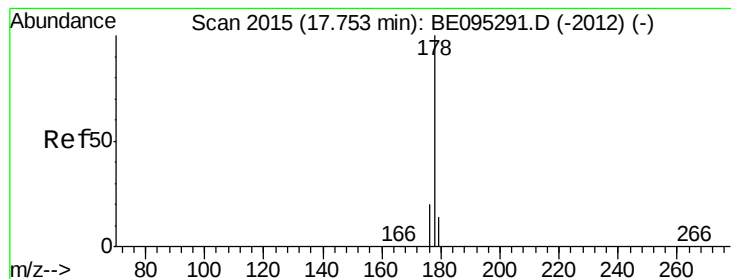
264 65.8 47.9 71.9

268 62.3 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: 2.123 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

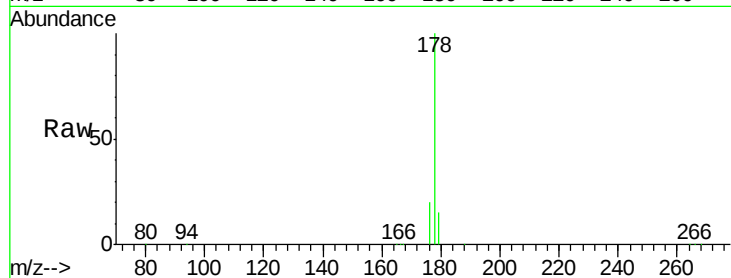
Tot Ion:178 Resp: 72078

Ion Ratio Lower Upper

178 100

179 14.7 18.4 27.6#

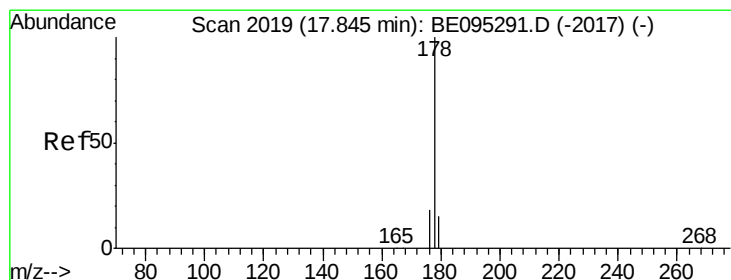
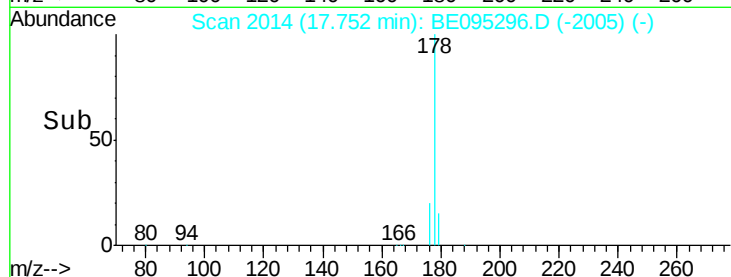
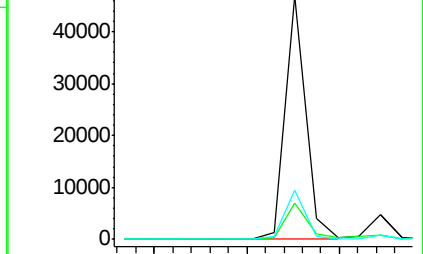
176 20.1 13.6 20.4



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: 0.220 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

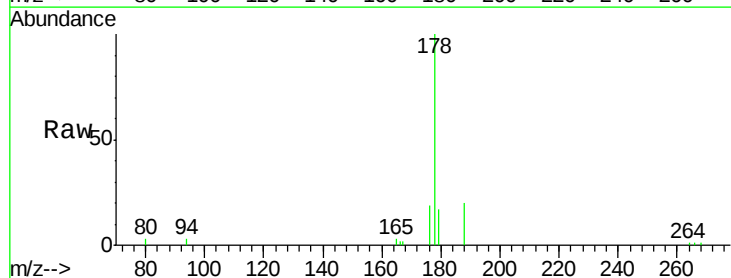
Tgt Ion:178 Resp: 6839

Ion Ratio Lower Upper

178 100

179 17.3 18.1 27.1#

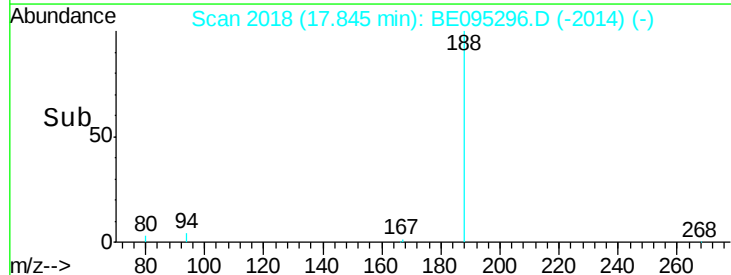
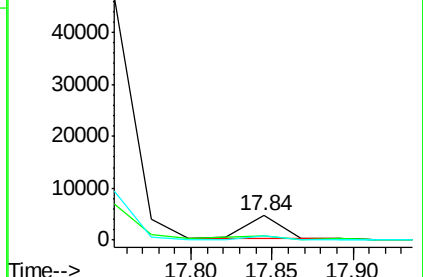
176 19.1 14.7 22.1

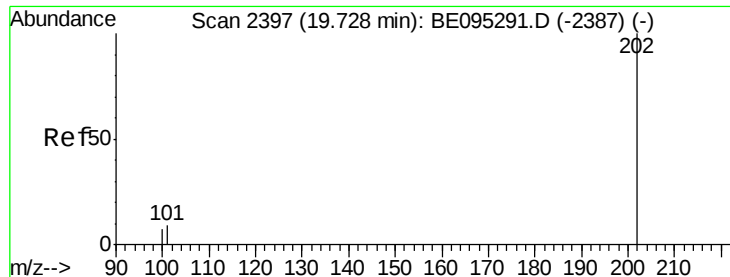


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.995 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

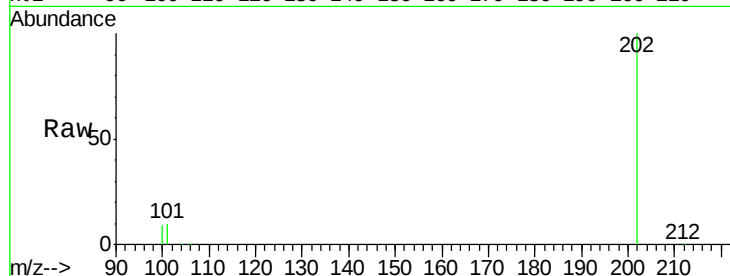
Tot Ion:202 Resp: 43733

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

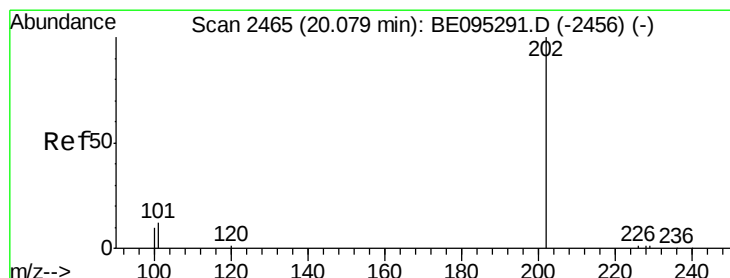
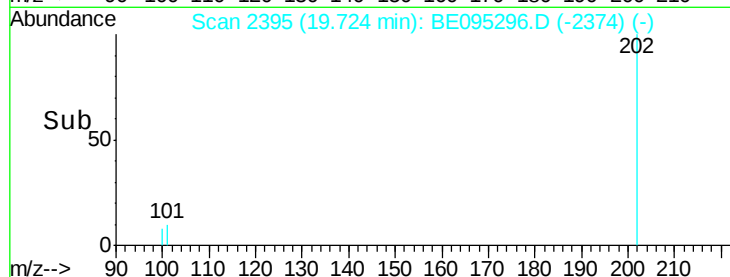
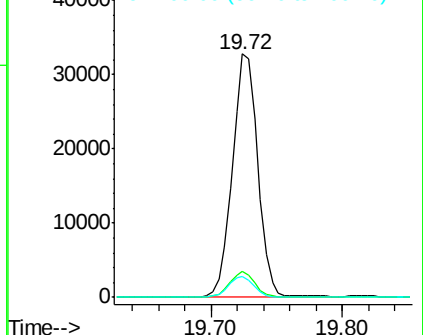
100 8.6 0.0 39.5



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: 0.912 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

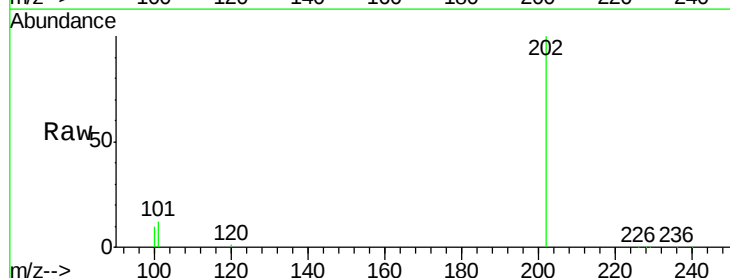
Tgt Ion:202 Resp: 33929

Ion Ratio Lower Upper

202 100

101 11.7 18.2 27.4#

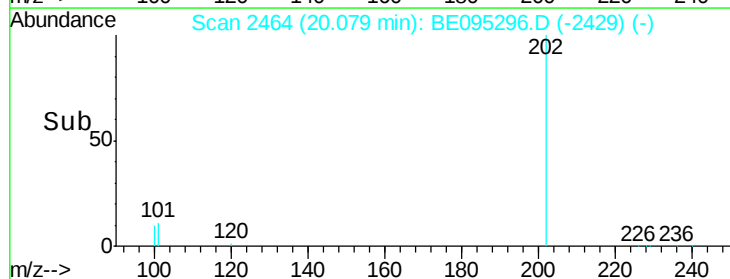
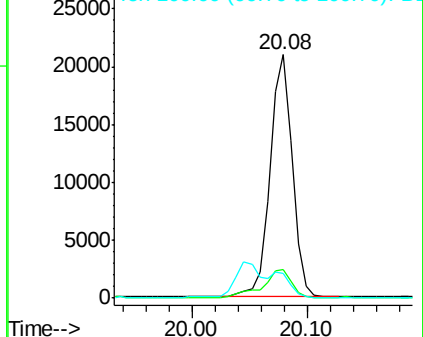
100 10.1 15.6 23.4#

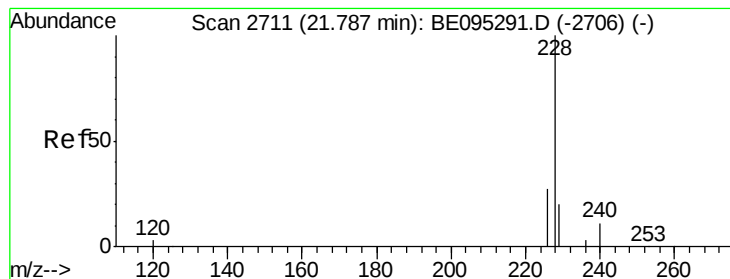


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.201 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

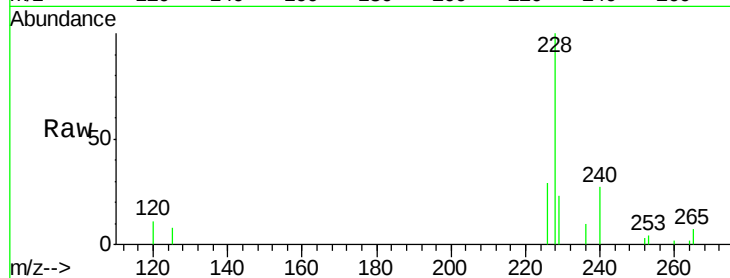
Tot Ion:228 Resp: 6960

Ion Ratio Lower Upper

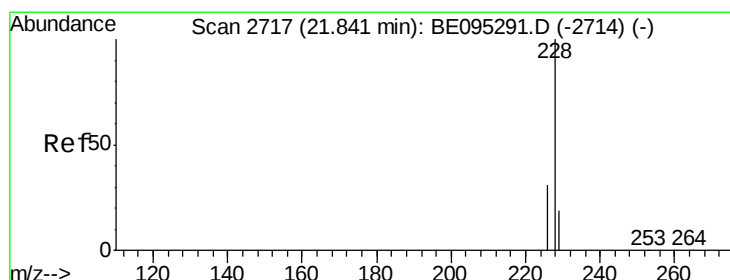
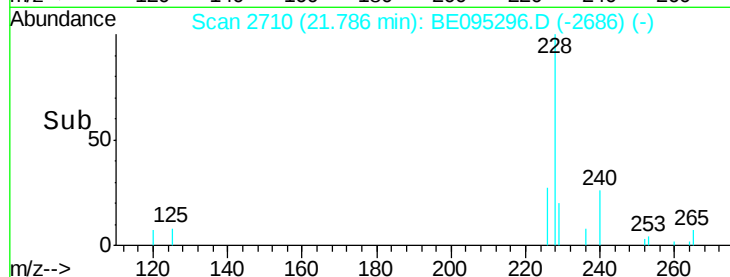
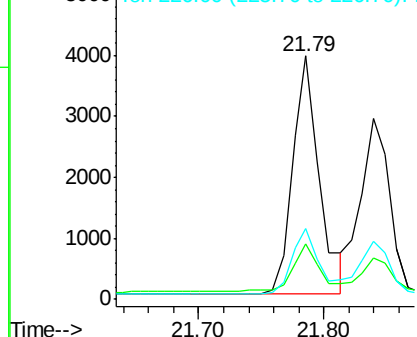
228 100

229 22.9 22.8 34.2

226 28.9 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: 0.128 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

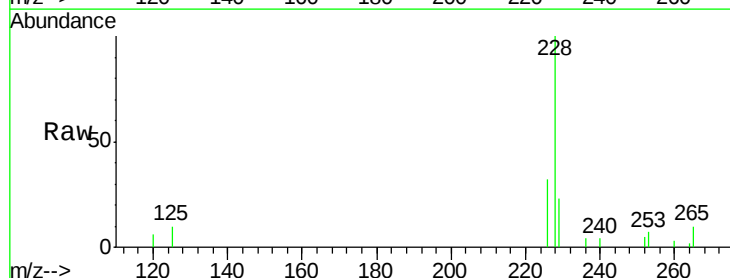
Tgt Ion:228 Resp: 4605

Ion Ratio Lower Upper

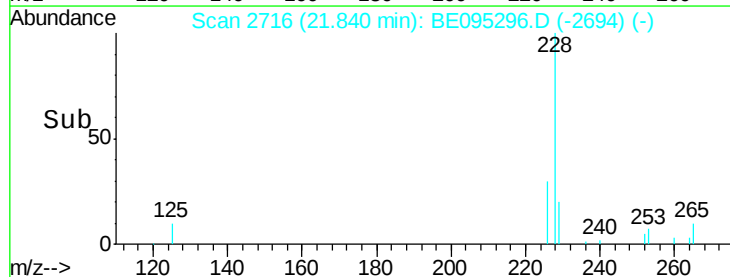
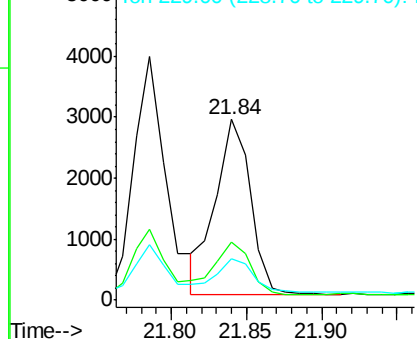
228 100

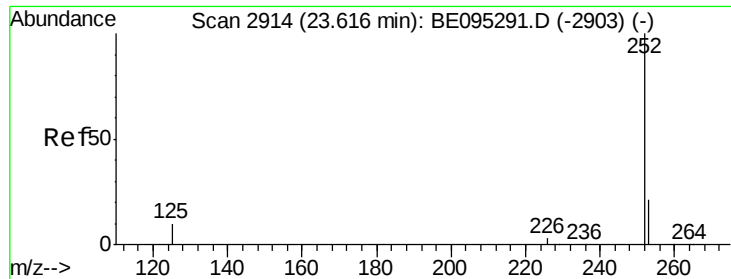
226 32.1 23.4 35.0

229 23.3 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

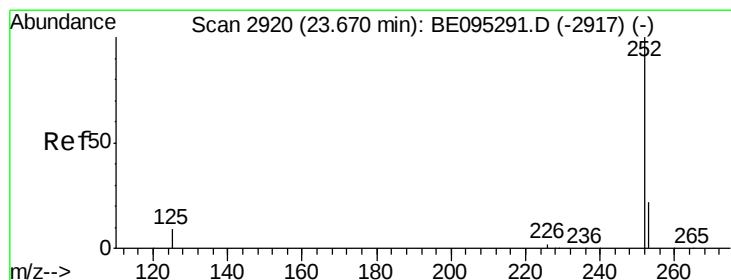
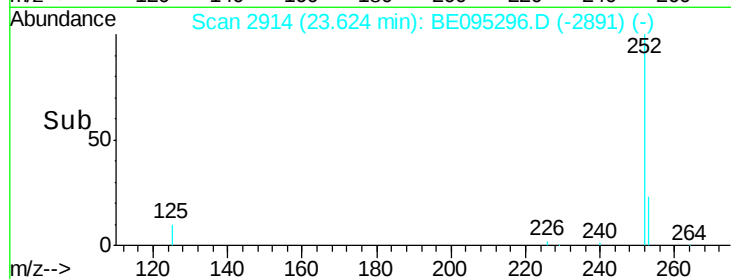
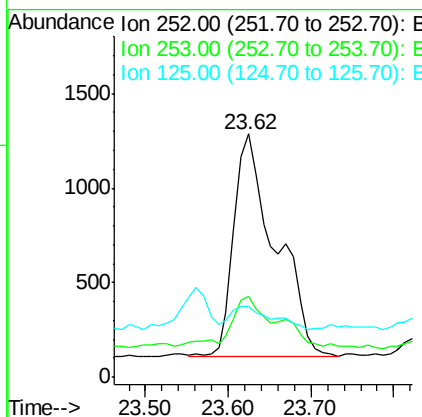
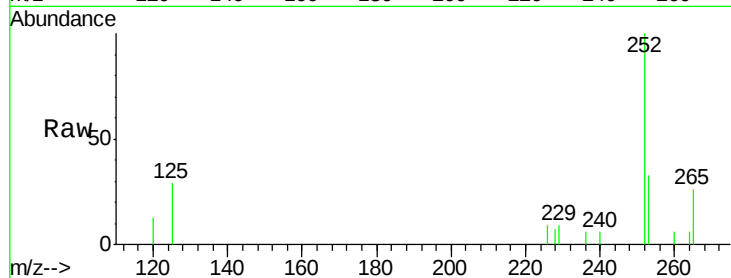




#21
Benzo(b)fluoranthene
Concen: 0.104 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095296.D
Acq: 31 Jan 2018 2:26

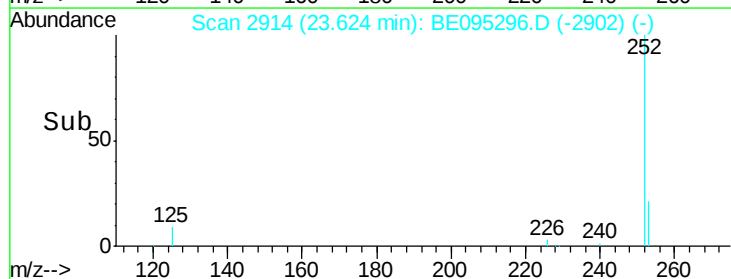
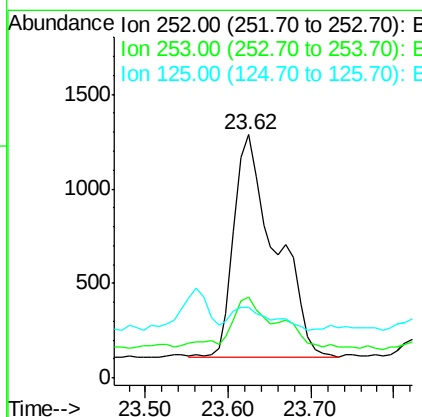
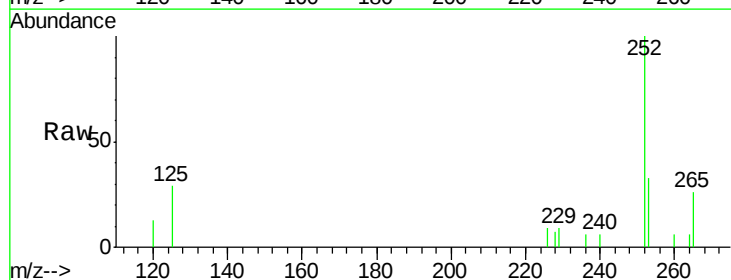
Instrument :
BNA_E
ClientSampleId :

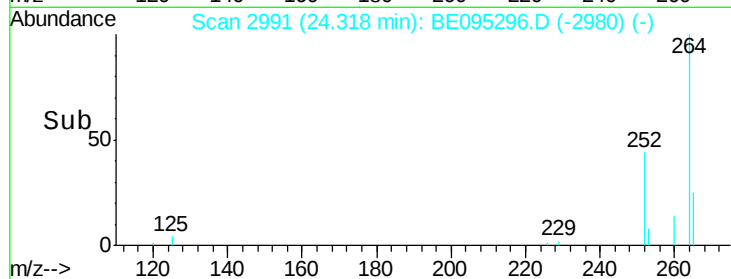
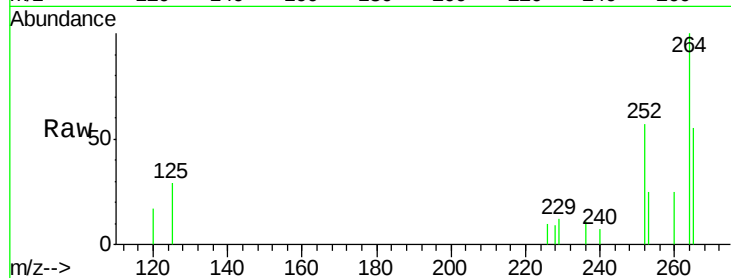
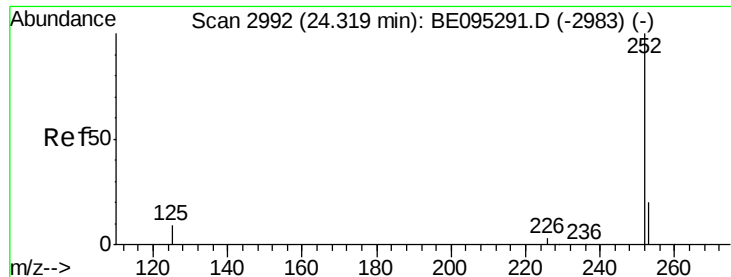
Tot Ion:252 Resp: 4070
Ion Ratio Lower Upper
252 100
253 33.0 0.0 64.2
125 29.1 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.113 ng/ul
RT: 23.62 min Scan# 2914
Delta R.T. -0.05 min
Lab File: BE095296.D
Acq: 31 Jan 2018 2:26

Tgt Ion:252 Resp: 4070
Ion Ratio Lower Upper
252 100
253 33.0 24.5 36.7
125 29.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.027 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095296.D

Acq: 31 Jan 2018 2:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 939

Ion Ratio Lower Upper

252 100

253 43.9 28.5 42.7#

125 50.7 18.1 27.1#

