

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095433.D
 Acq On : 3 Feb 2018 12:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 05 03:30:28 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 Feb 05 01:47:56 2018
 Response via : Initial Calibration

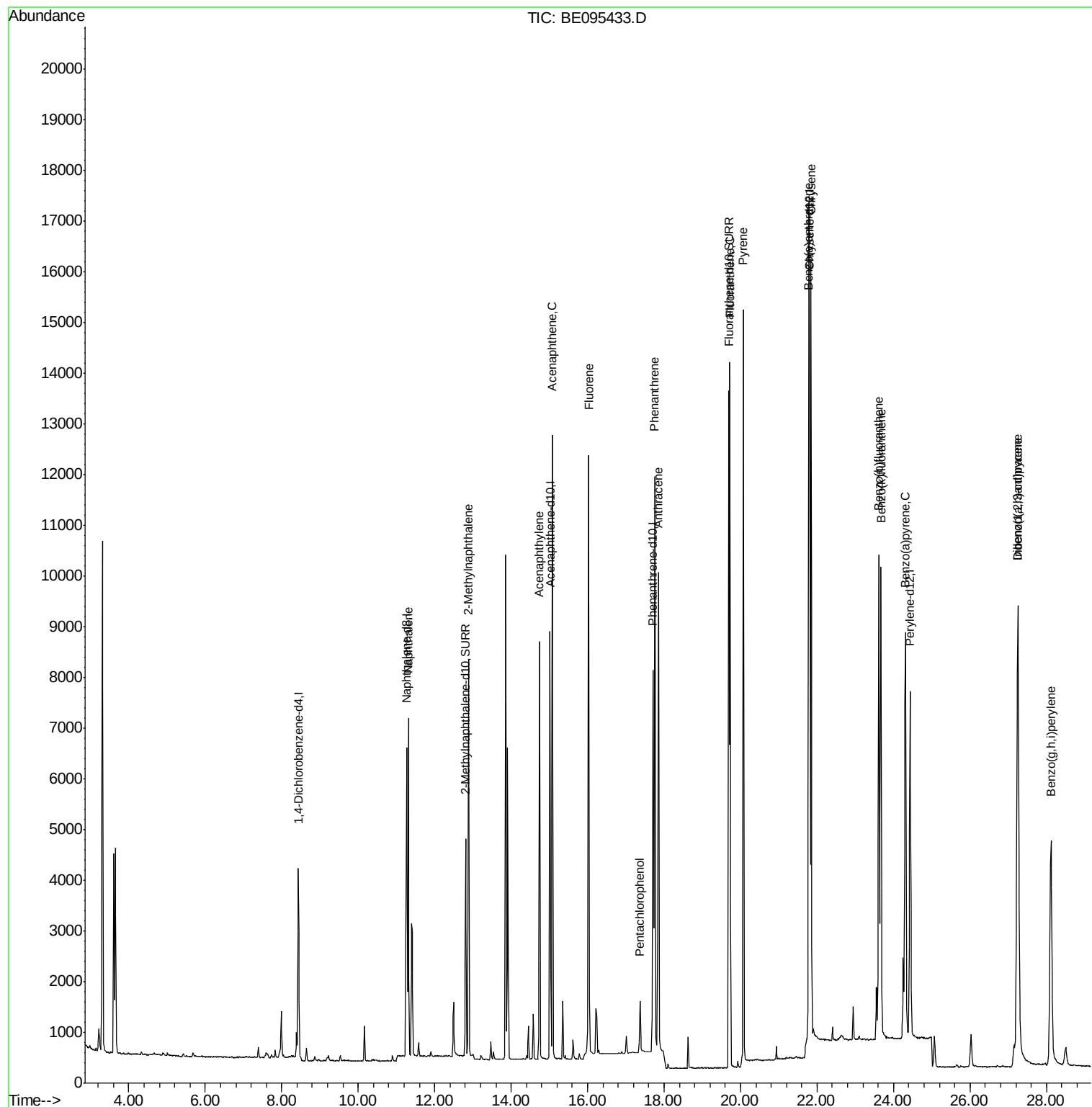
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2647	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8115	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4642	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10605	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11009	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5502	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	14007	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	9176	0.404	ng/ul#	90
5) 2-Methylnaphthalene	12.88	142	6336	0.418	ng/ul	100
7) Acenaphthylene	14.74	152	9444	0.423	ng/ul	97
8) Acenaphthene	15.08	153	7062	0.408	ng/ul	97
9) Fluorene	16.03	166	8190	0.458	ng/ul#	87
11) Pentachlorophenol	17.36	266	715	0.348	ng/ul	98
12) Phenanthrene	17.75	178	13315	0.373	ng/ul#	91
13) Anthracene	17.85	178	12238	0.375	ng/ul#	92
15) Fluoranthene	19.72	202	15890	0.344	ng/ul	83
17) Pyrene	20.07	202	17386	0.471	ng/ul#	80
18) Benzo(a)anthracene	21.78	228	14666	0.426	ng/ul#	83
19) Chrysene	21.84	228	14380	0.402	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	14321	0.394	ng/ul	83
22) Benzo(k)fluoranthene	23.67	252	13351	0.401	ng/ul#	85
23) Benzo(a)pyrene	24.31	252	13291	0.409	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.25	276	14155	0.397	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.26	278	11235	0.386	ng/ul#	87
26) Benzo(g,h,i)perylene	28.12	276	11998	0.398	ng/ul#	94

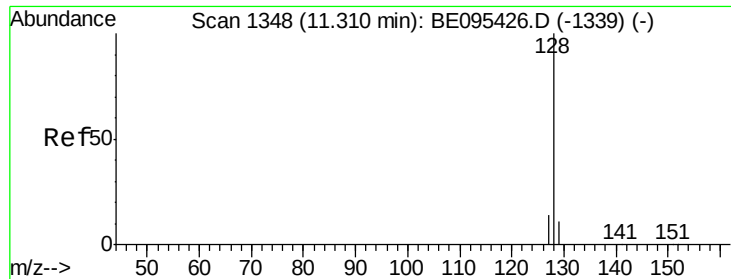
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.404 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

Instrument :

BNA_E

ClientSampleId :

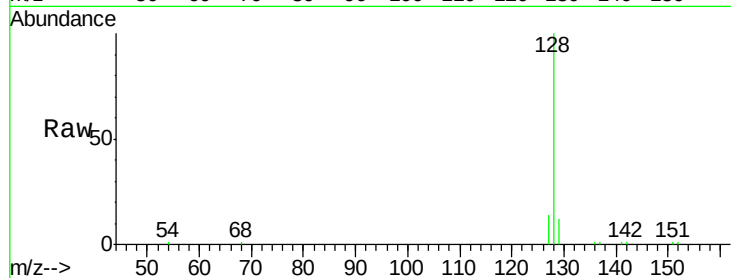
Tot Ion:128 Resp: 9176

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

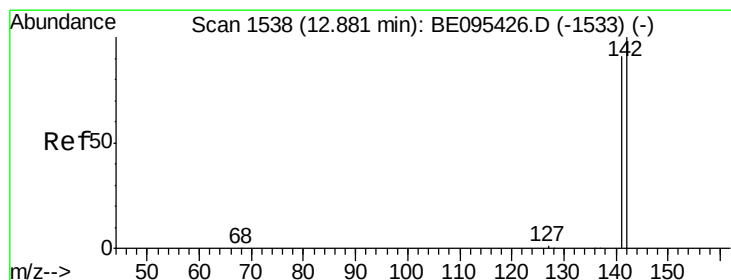
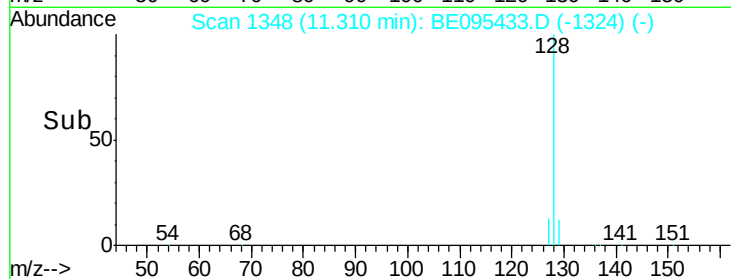
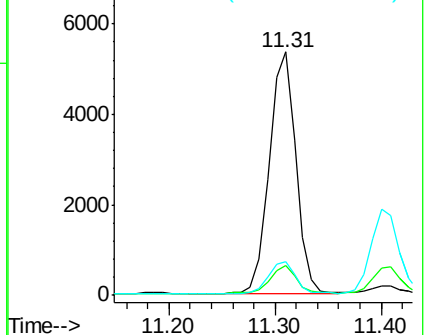
127 13.8 4.0 6.0#



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: 0.418 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE095433.D

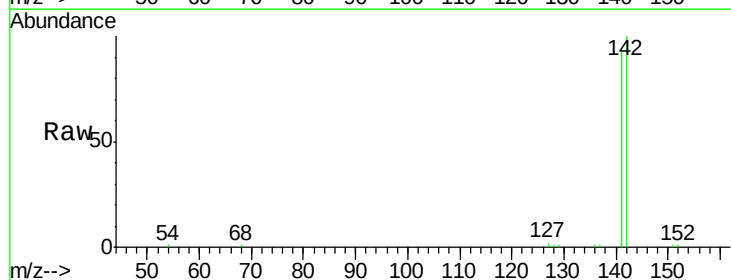
Acq: 3 Feb 2018 12:37

Tgt Ion:142 Resp: 6336

Ion Ratio Lower Upper

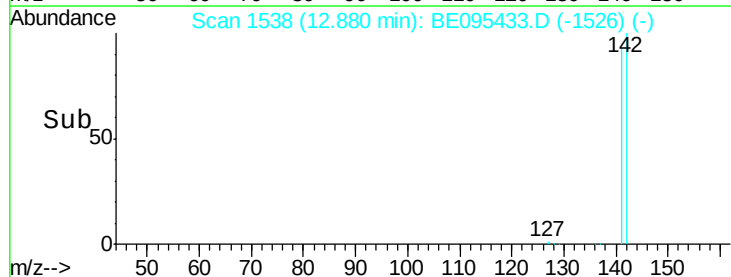
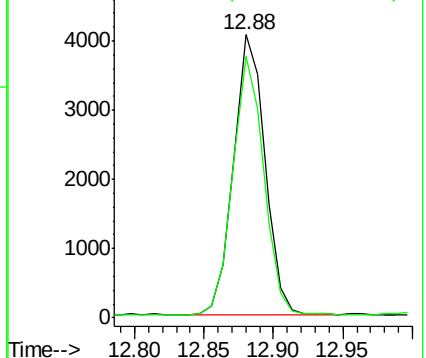
142 100

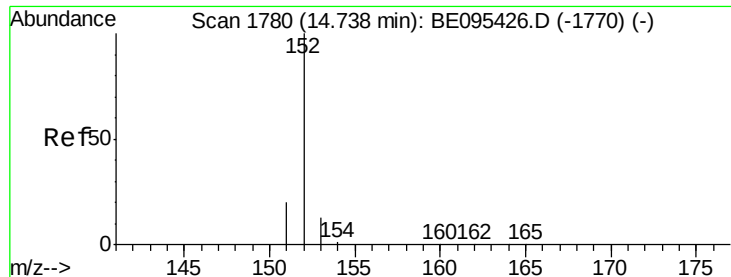
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.423 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

Instrument :

BNA_E

ClientSampleId :

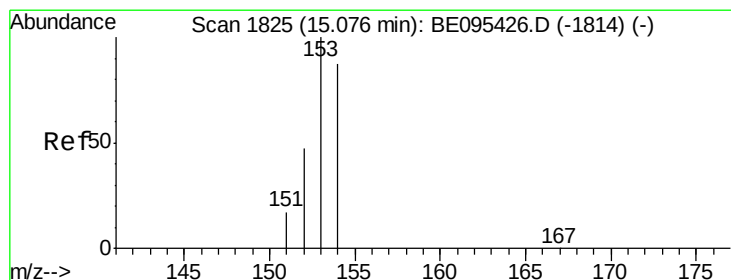
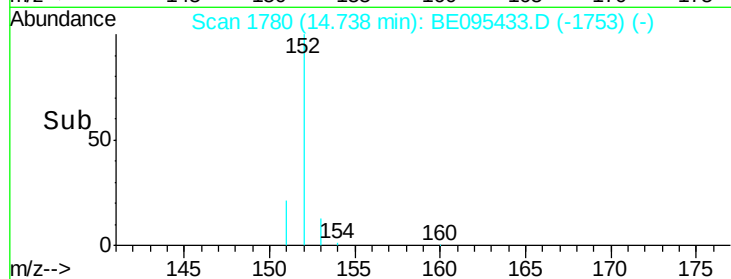
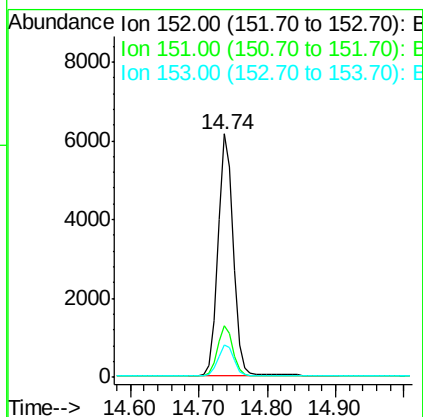
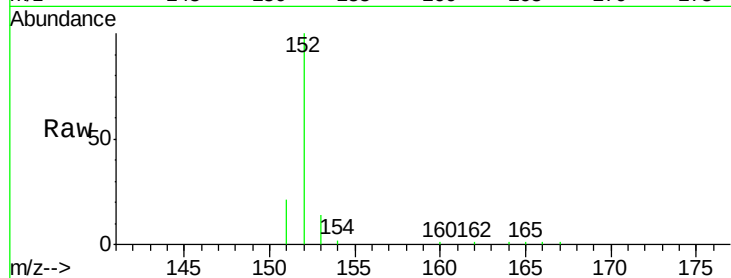
Tot Ion:152 Resp: 9444

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

153 13.6 12.8 19.2



#8

Acenaphthene

Concen: 0.408 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

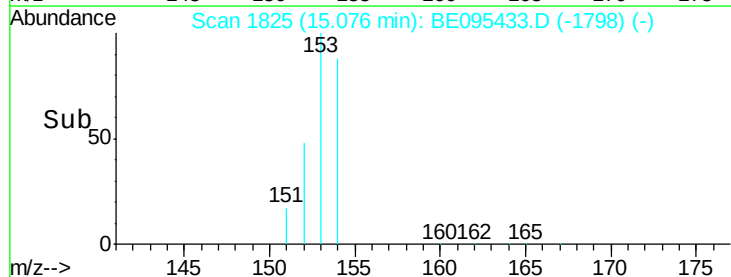
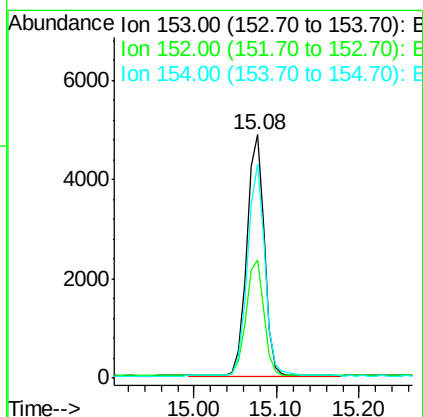
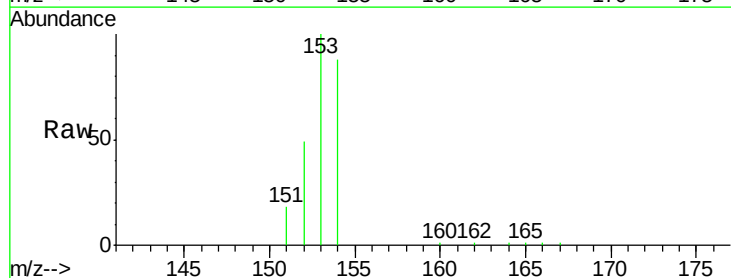
Tgt Ion:153 Resp: 7062

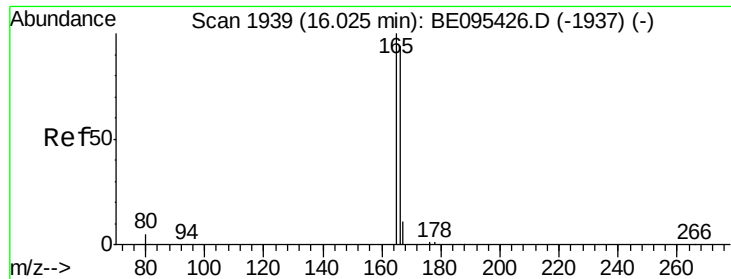
Ion Ratio Lower Upper

153 100

152 48.6 36.0 54.0

154 87.9 72.0 108.0





#9

Fluorene

Concen: 0.458 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

Instrument :

BNA_E

ClientSampleId :

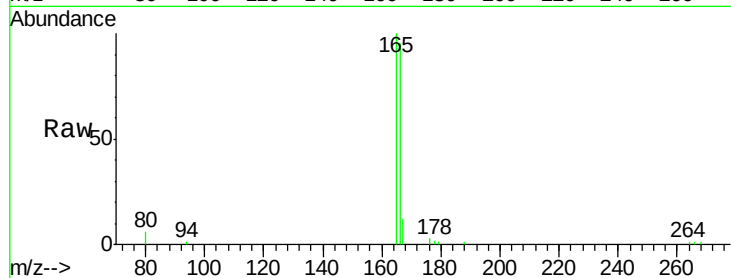
Tot Ion:166 Resp: 8190

Ion Ratio Lower Upper

166 100

165 104.9 73.4 110.2

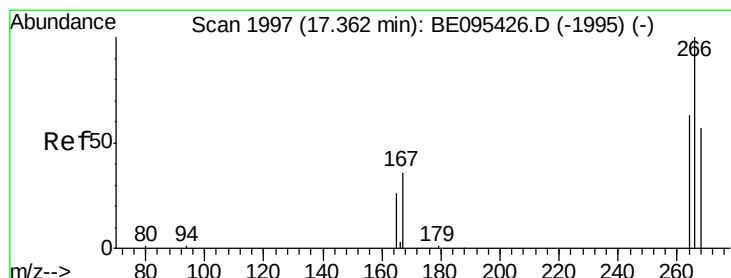
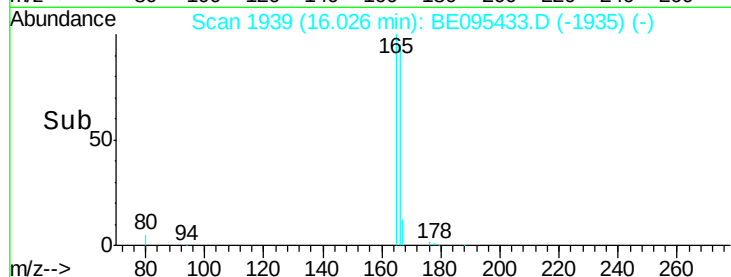
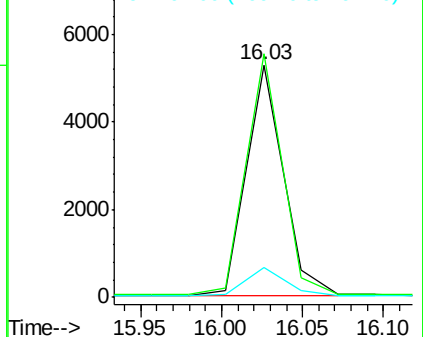
167 13.0 14.6 22.0#



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: 0.348 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

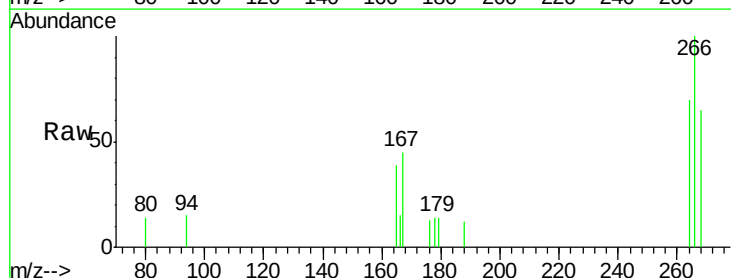
Tgt Ion:266 Resp: 715

Ion Ratio Lower Upper

266 100

264 61.8 47.9 71.9

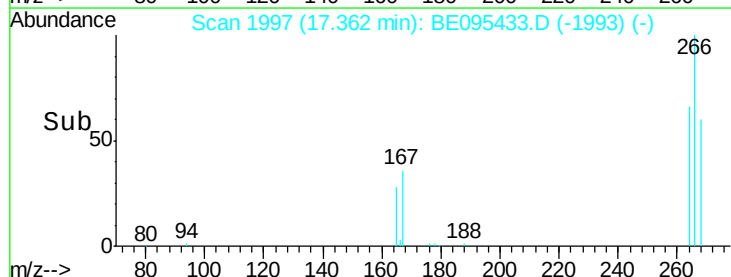
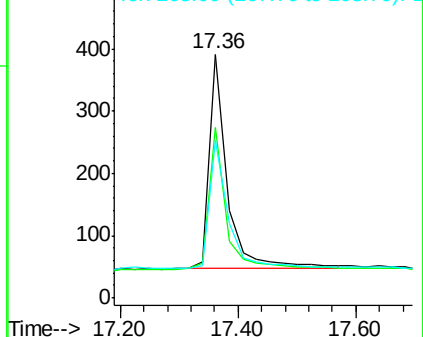
268 62.8 49.8 74.8

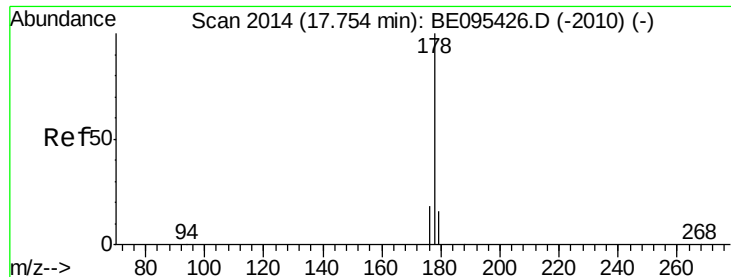


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

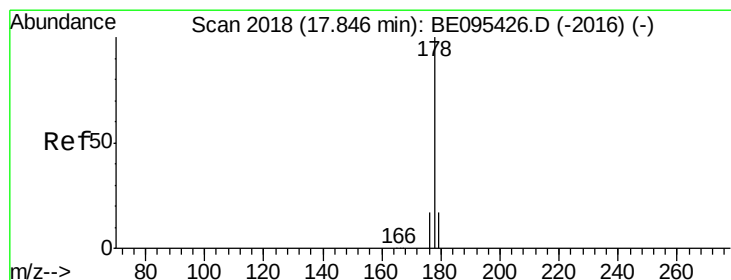
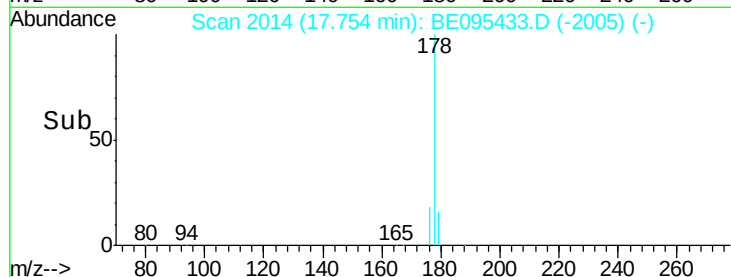
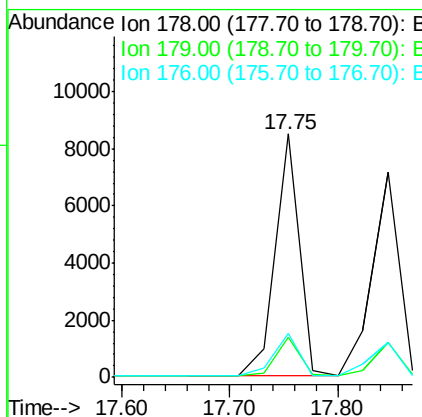
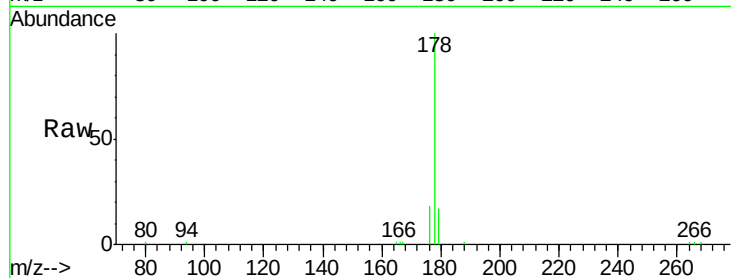




#12
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095433.D
Acq: 3 Feb 2018 12:37

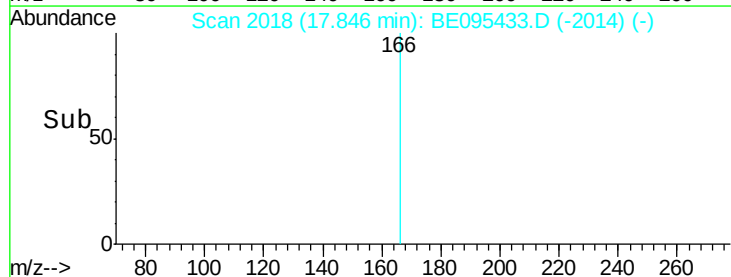
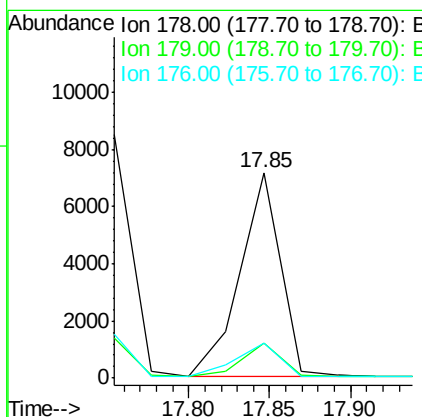
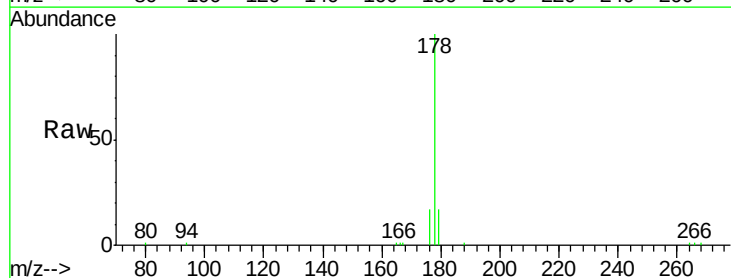
Instrument :
BNA_E
ClientSampleId :

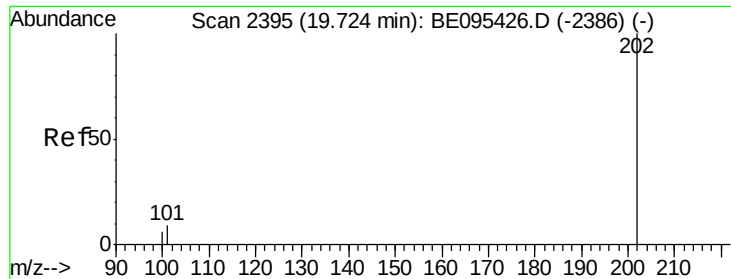
Tot Ion:178 Resp: 13315
Ion Ratio Lower Upper
178 100
179 16.6 18.4 27.6#
176 18.3 13.6 20.4



#13
Anthracene
Concen: 0.375 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095433.D
Acq: 3 Feb 2018 12:37

Tgt Ion:178 Resp: 12238
Ion Ratio Lower Upper
178 100
179 16.9 18.1 27.1#
176 16.9 14.7 22.1

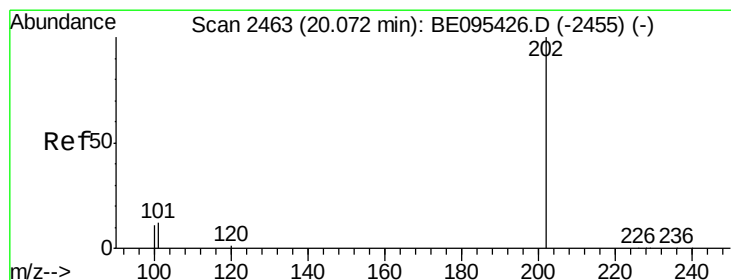
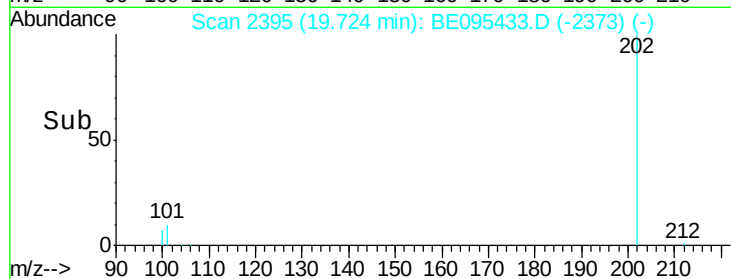
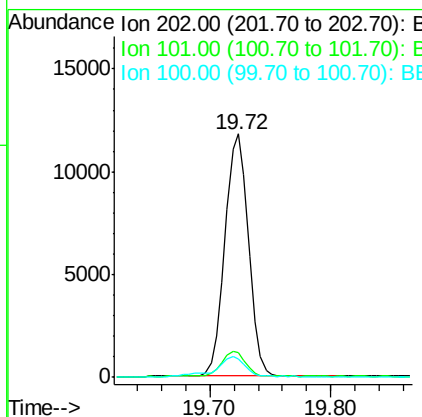
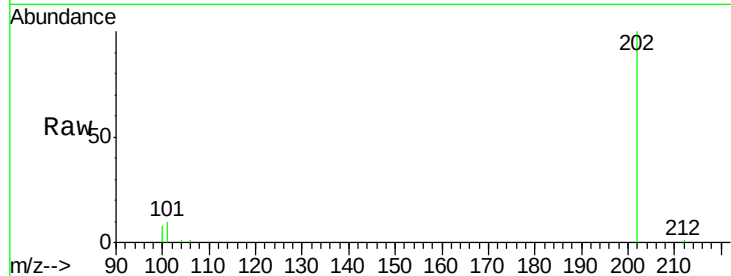




#15
Fluoranthene
 Concen: 0.344 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BE095433.D
 Acq: 3 Feb 2018 12:37

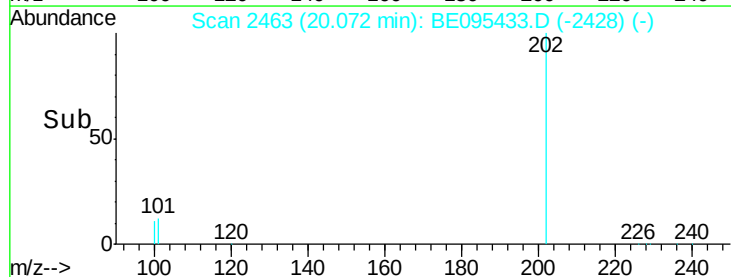
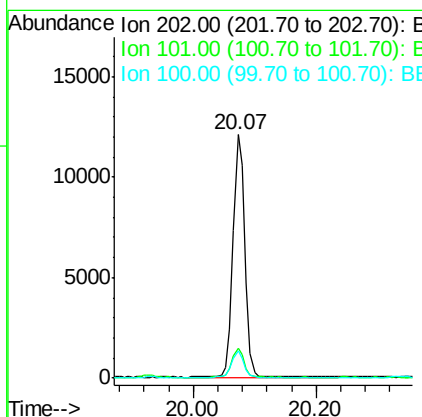
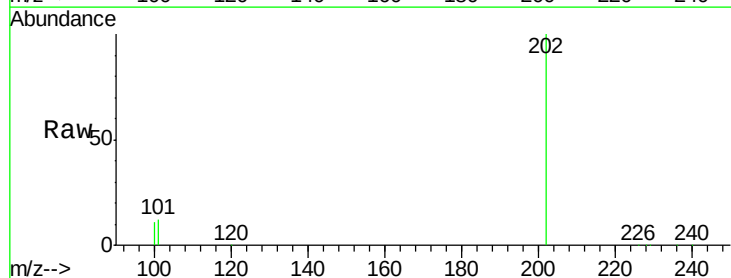
Instrument :
 BNA_E
 ClientSampleId :

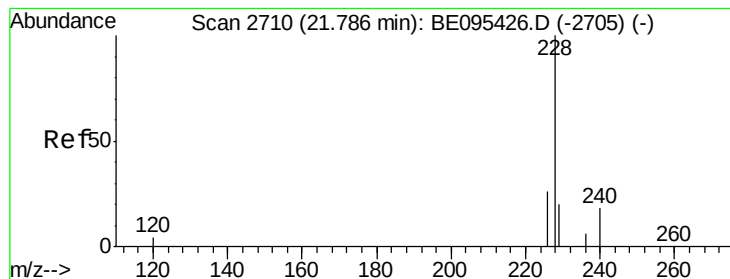
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	7.8	0.0	39.5



#17
Pyrene
 Concen: 0.471 ng/ul
 RT: 20.07 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BE095433.D
 Acq: 3 Feb 2018 12:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	11.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.426 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

Instrument :

BNA_E

ClientSampleId :

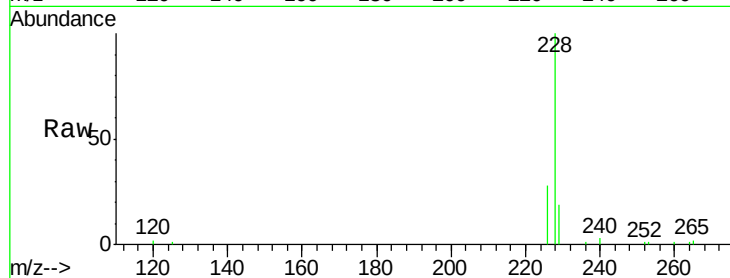
Tot Ion:228 Resp: 14666

Ion Ratio Lower Upper

228 100

229 19.1 22.8 34.2#

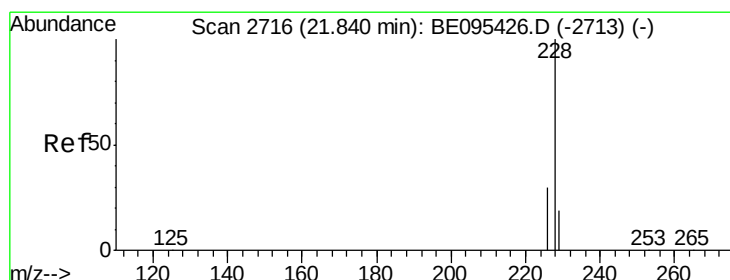
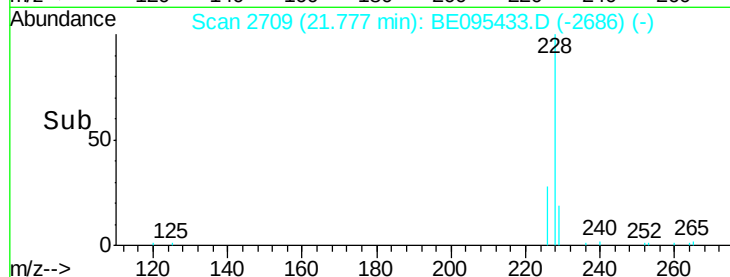
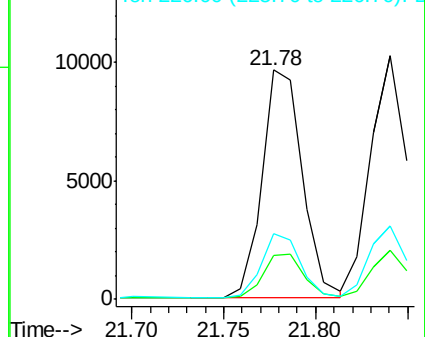
226 28.5 17.0 25.6#



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: 0.402 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

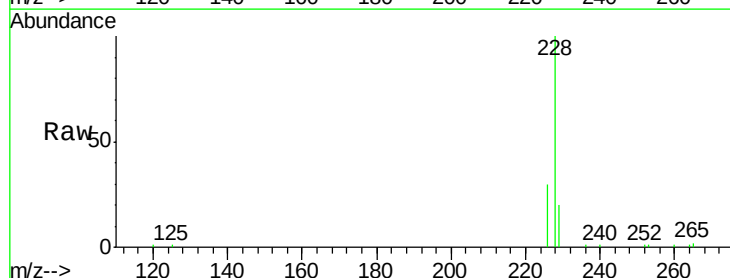
Tgt Ion:228 Resp: 14380

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

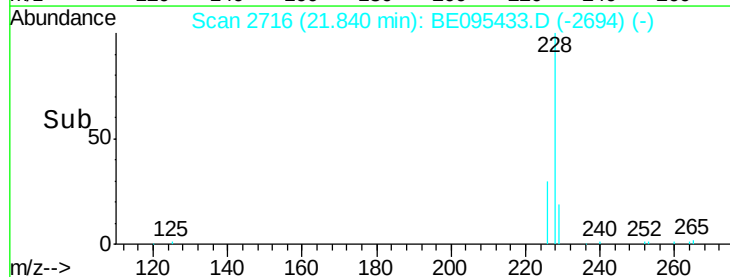
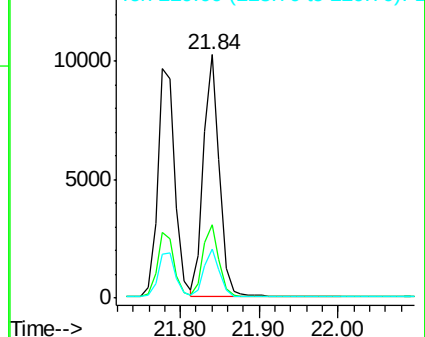
229 19.9 17.7 26.5

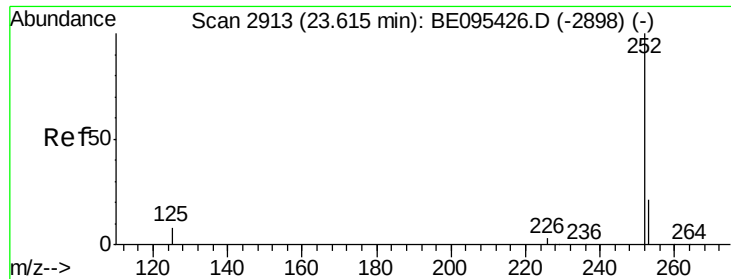


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

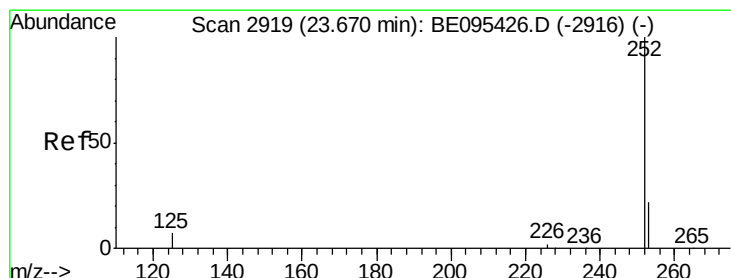
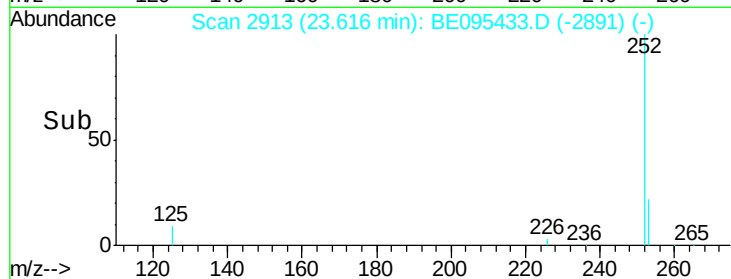
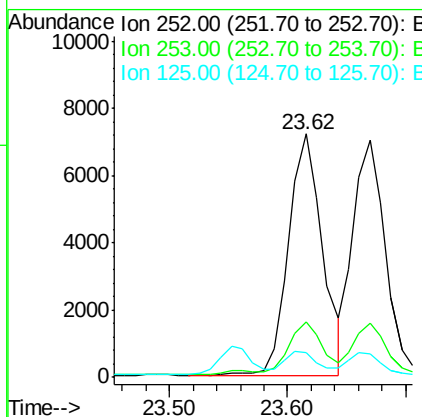
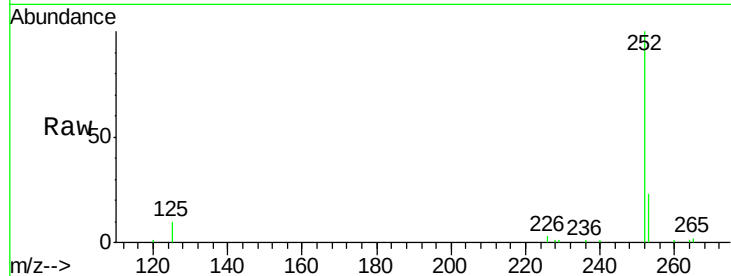




#21
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095433.D
Acq: 3 Feb 2018 12:37

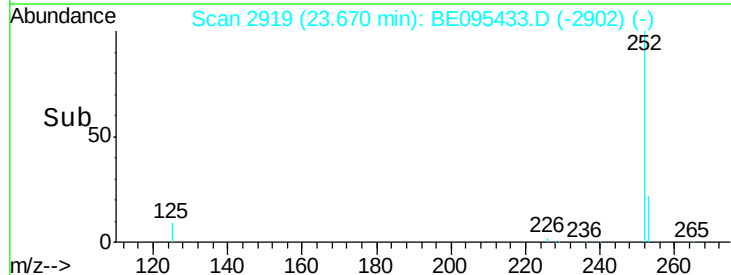
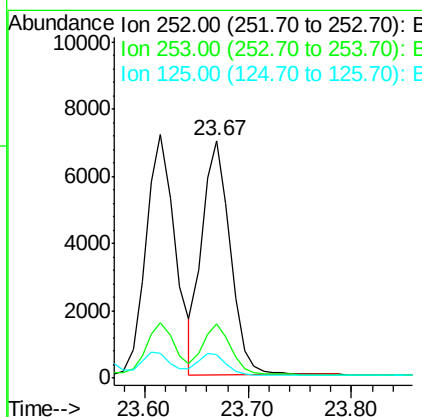
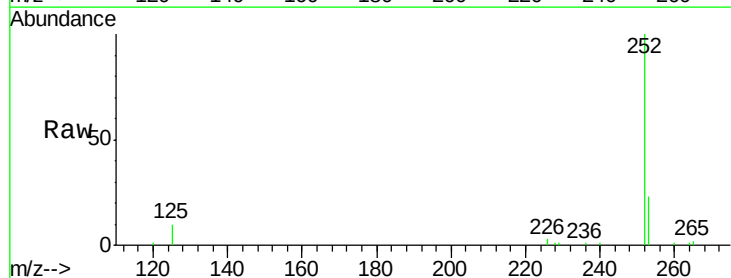
Instrument :
BNA_E
ClientSampleId :

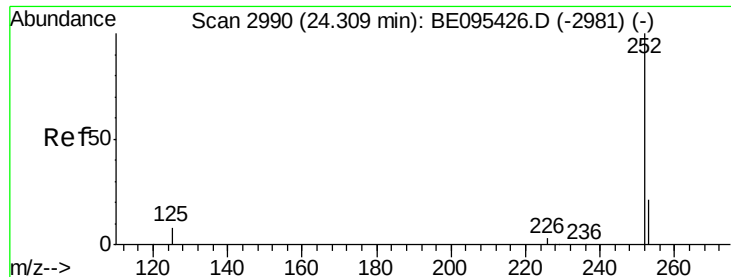
Tot Ion:252 Resp: 14321
Ion Ratio Lower Upper
252 100
253 22.7 0.0 64.2
125 10.0 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095433.D
Acq: 3 Feb 2018 12:37

Tgt Ion:252 Resp: 13351
Ion Ratio Lower Upper
252 100
253 23.0 24.5 36.7#
125 9.9 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.409 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

Instrument :

BNA_E

ClientSampleId :

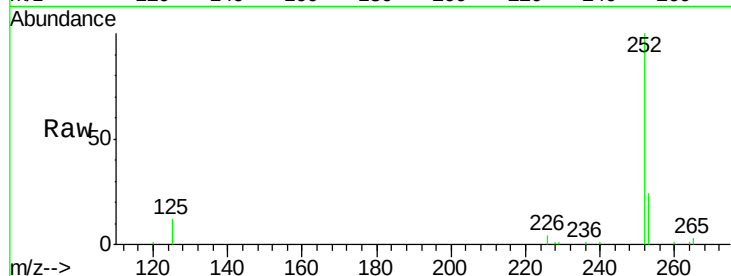
Tot Ion:252 Resp: 13291

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

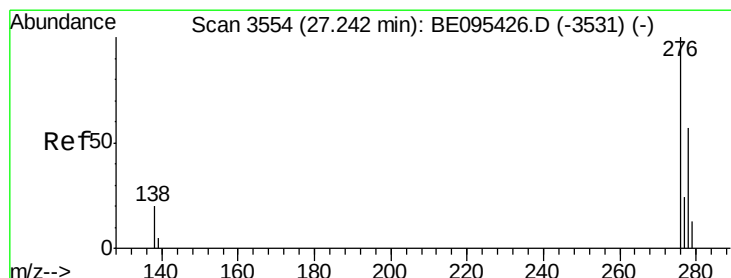
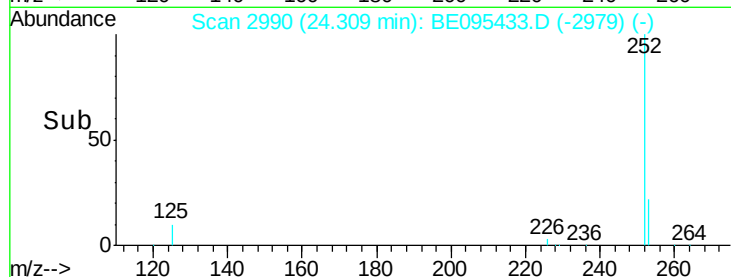
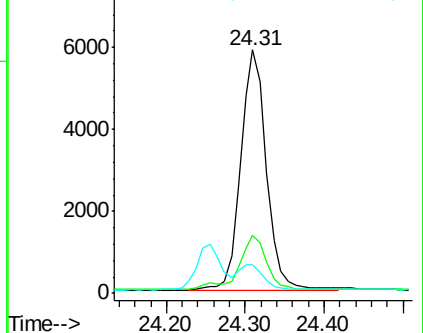
125 11.8 18.1 27.1#



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: 0.397 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BE095433.D

Acq: 3 Feb 2018 12:37

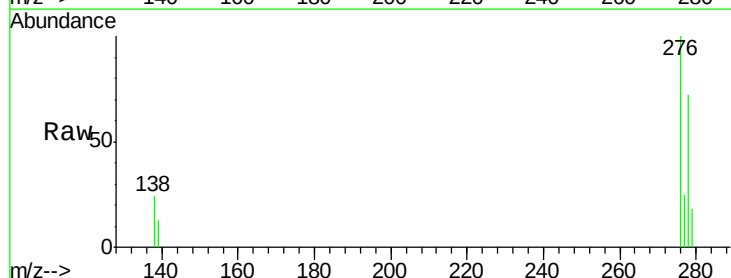
Tgt Ion:276 Resp: 14155

Ion Ratio Lower Upper

276 100

138 22.8 28.0 42.0#

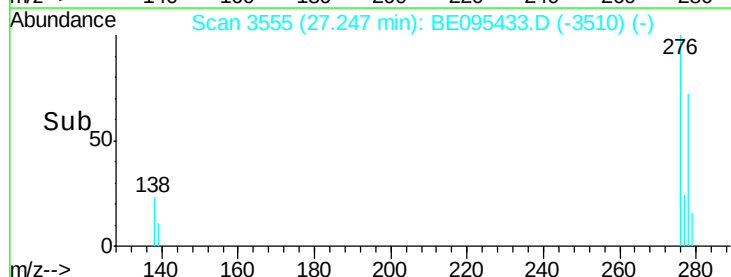
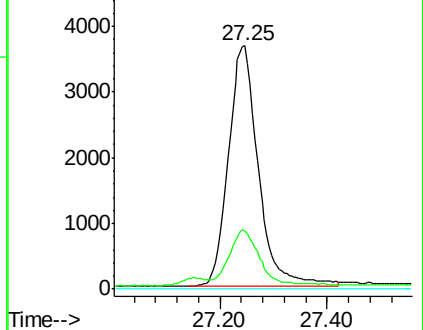
227 0.0 8.0 12.0#

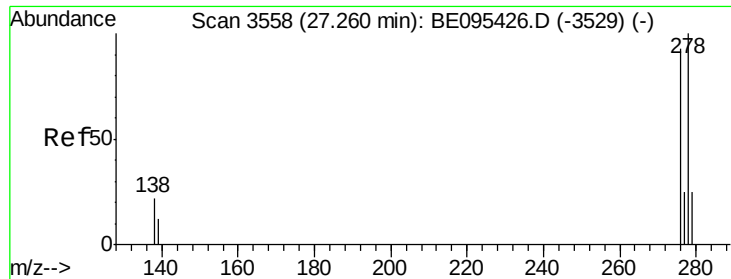


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

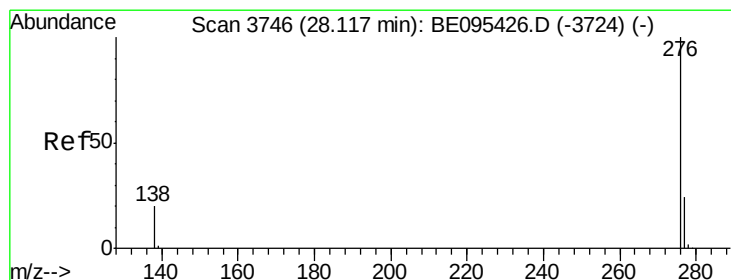
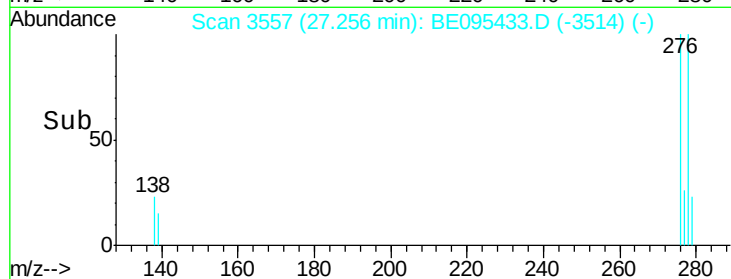
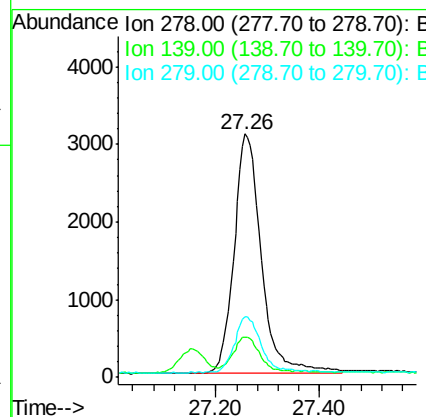
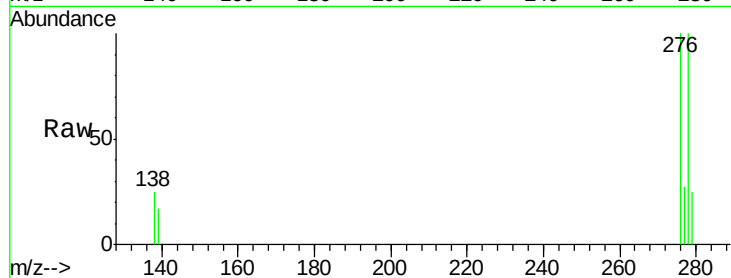




#25
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 27.26 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BE095433.D
Acq: 3 Feb 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11235
Ion Ratio Lower Upper
278 100
139 16.6 17.4 26.0#
279 24.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 28.12 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE095433.D
Acq: 3 Feb 2018 12:37

Tgt Ion:276 Resp: 11998
Ion Ratio Lower Upper
276 100
138 21.6 21.8 32.8#
277 25.1 20.5 30.7

