

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040618\
 Data File : BE095959.D
 Acq On : 6 Apr 2018 16:39
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SICV35

Quant Time: Apr 06 23:43:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 17:33:32 2018
 Response via : Initial Calibration

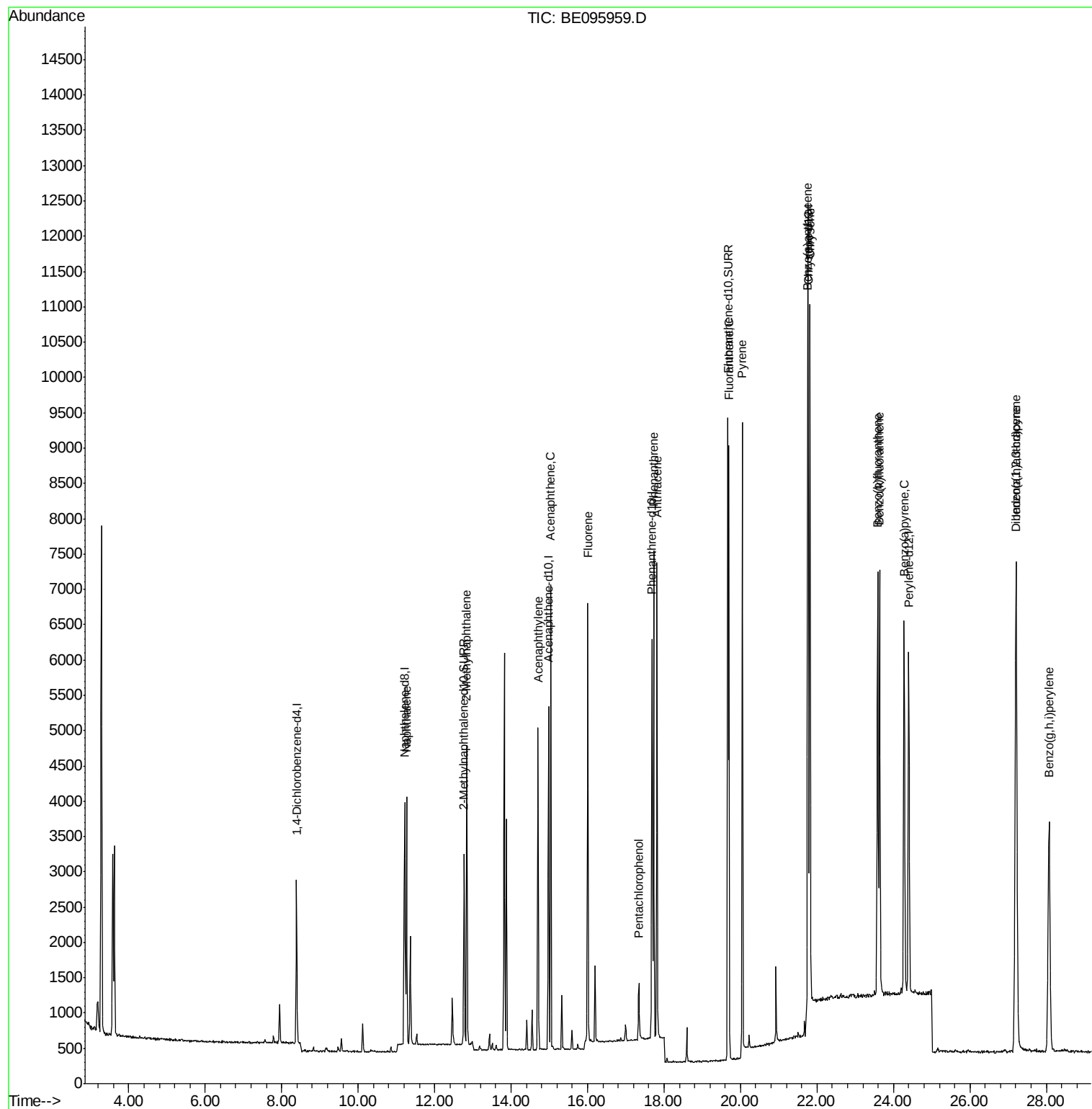
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1818	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	4610	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.98	164	2605	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6390	0.40	ng/ul	0.00
16) Chrysene-d12	21.78	240	8483	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	7046	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	3374	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.67	212	10214	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.27	128	4992	0.388	ng/ul#	89
5) 2-Methylnaphthalene	12.84	142	3397	0.389	ng/ul	99
7) Acenaphthylene	14.70	152	5195	0.385	ng/ul	97
8) Acenaphthene	15.04	153	3767	0.389	ng/ul	94
9) Fluorene	16.00	166	4269	0.390	ng/ul#	90
11) Pentachlorophenol	17.34	266	450	0.333	ng/ul	97
12) Phenanthrene	17.73	178	7296	0.387	ng/ul#	89
13) Anthracene	17.82	178	7190	0.384	ng/ul#	91
15) Fluoranthene	19.69	202	9796	0.382	ng/ul	84
17) Pyrene	20.05	202	10776	0.374	ng/ul#	78
18) Benzo(a)anthracene	21.76	228	12841	0.375	ng/ul#	85
19) Chrysene	21.82	228	9277	0.376	ng/ul	96
21) Benzo(b)fluoranthene	23.59	252	8781	0.385	ng/ul	86
22) Benzo(k)fluoranthene	23.64	252	8803	0.388	ng/ul#	89
23) Benzo(a)pyrene	24.28	252	8515	0.387	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.20	276	9588	0.392	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.22	278	7858	0.399	ng/ul	90
26) Benzo(g,h,i)perylene	28.07	276	7964	0.390	ng/ul	96

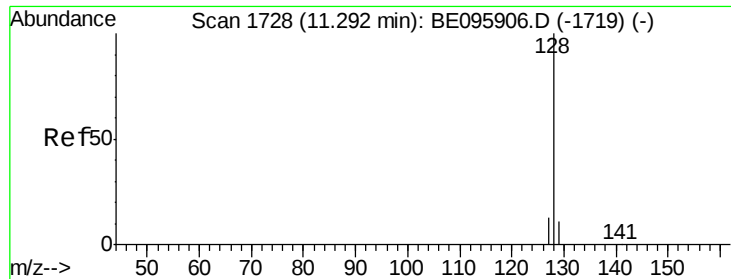
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040618\
Data File : BE095959.D
Acq On : 6 Apr 2018 16:39
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SICV35

Quant Time: Apr 06 23:43:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 17:33:32 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.388 ng/ul

RT: 11.27 min Scan# 1723

Delta R.T. 0.01 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

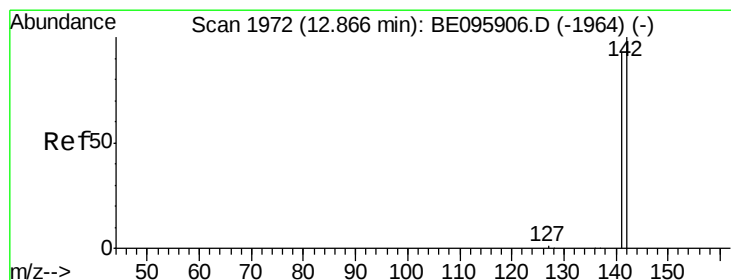
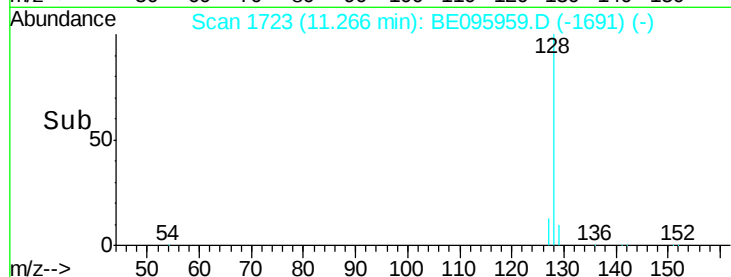
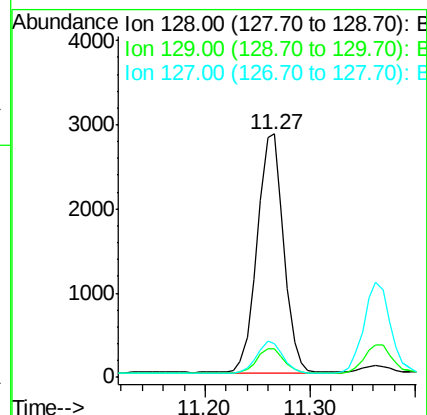
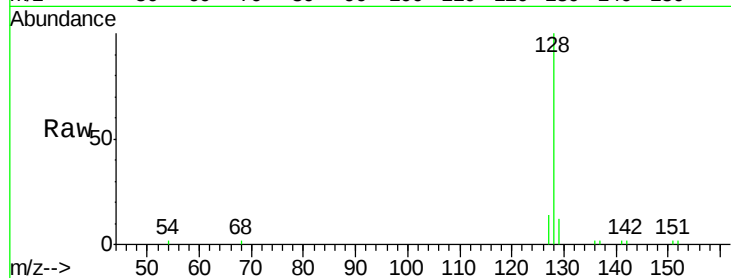
Tot Ion:128 Resp: 4992

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

127 14.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.389 ng/ul

RT: 12.84 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BE095959.D

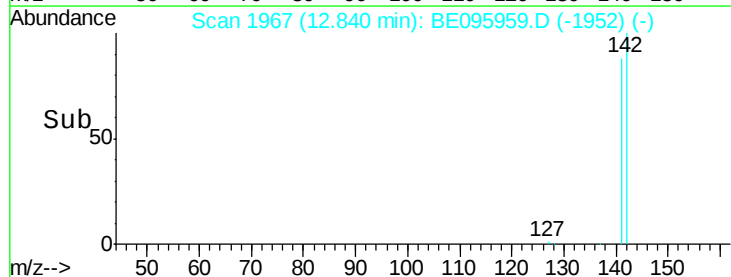
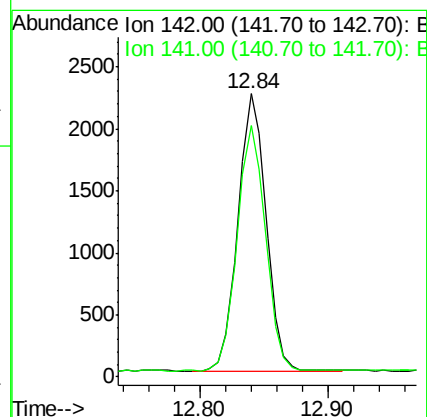
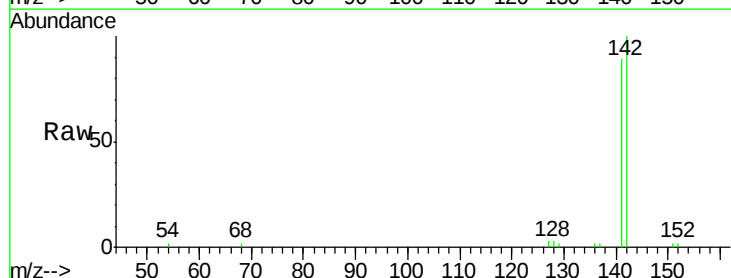
Acq: 6 Apr 2018 16:39

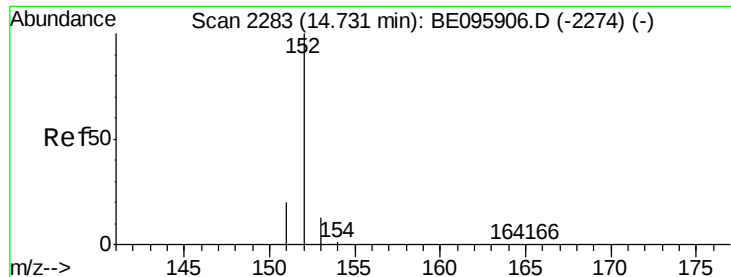
Tgt Ion:142 Resp: 3397

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.385 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

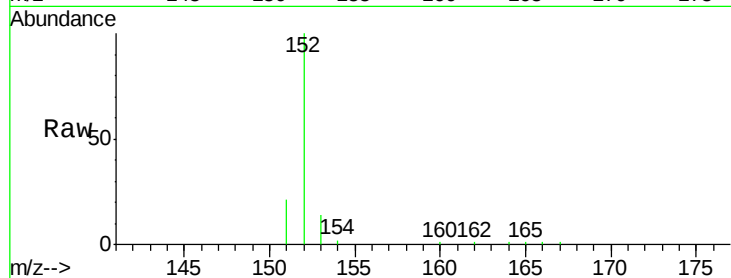
Tot Ion:152 Resp: 5195

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

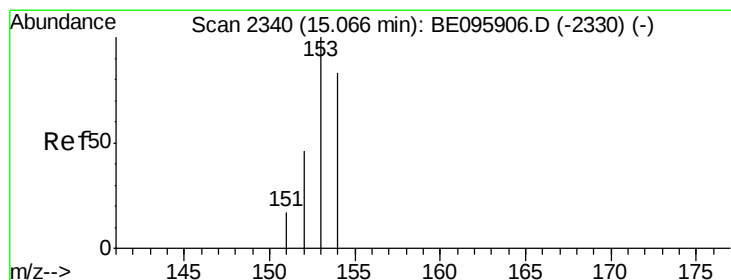
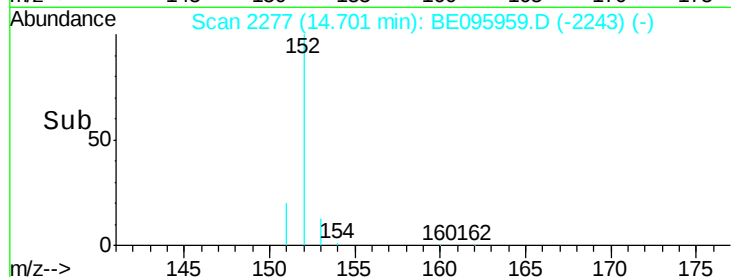
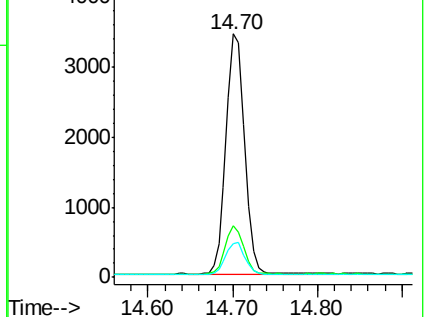
153 13.8 12.8 19.2



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: 0.389 ng/ul

RT: 15.04 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

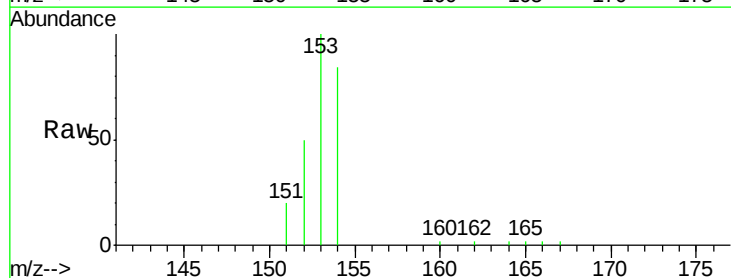
Tgt Ion:153 Resp: 3767

Ion Ratio Lower Upper

153 100

152 49.5 36.0 54.0

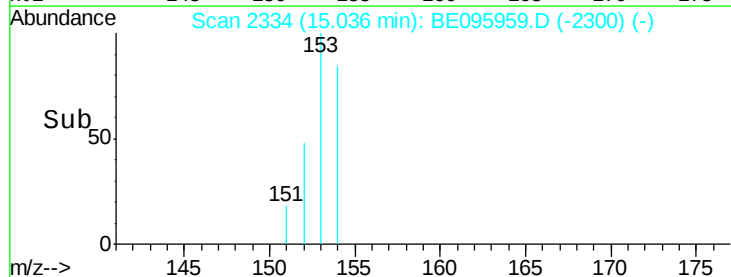
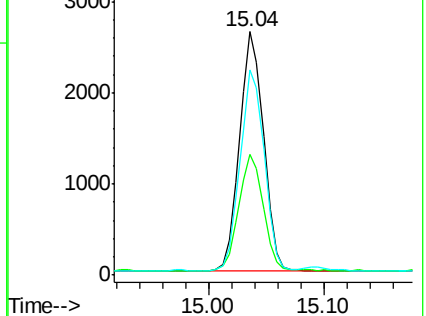
154 84.5 72.0 108.0

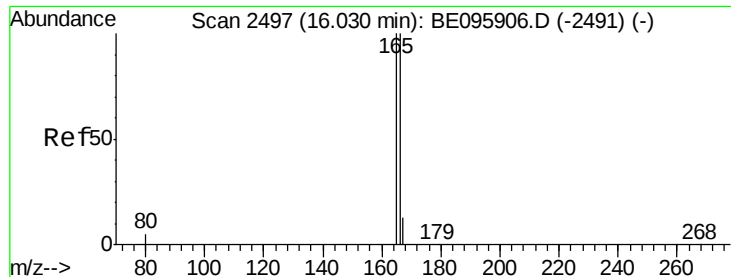


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.390 ng/ul

RT: 16.00 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

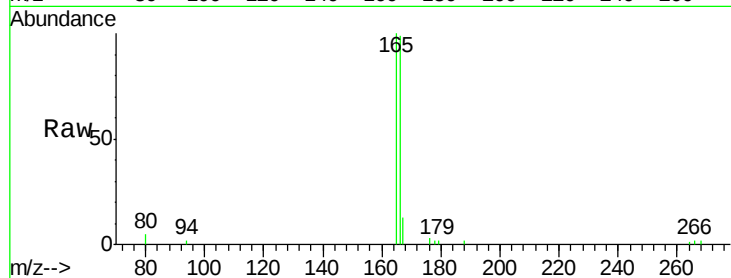
Tot Ion:166 Resp: 4269

Ion Ratio Lower Upper

166 100

165 101.2 73.4 110.2

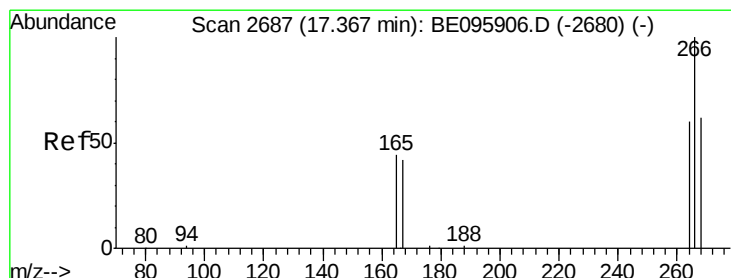
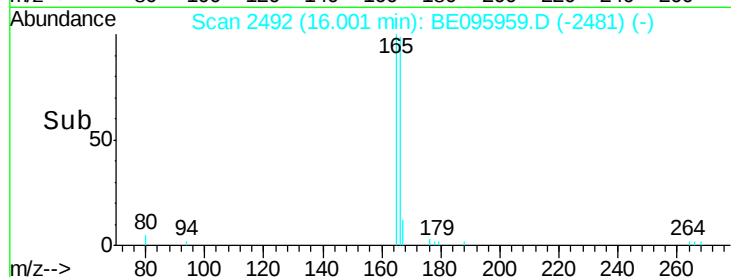
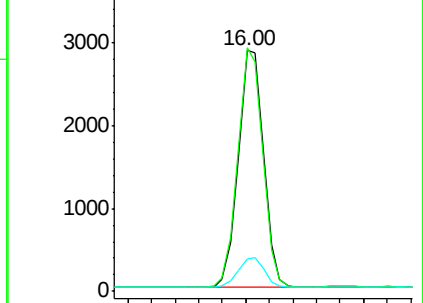
167 13.3 14.6 22.0#



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: 0.333 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

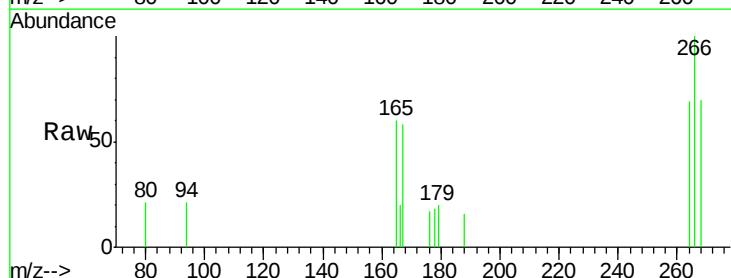
Tgt Ion:266 Resp: 450

Ion Ratio Lower Upper

266 100

264 63.3 47.9 71.9

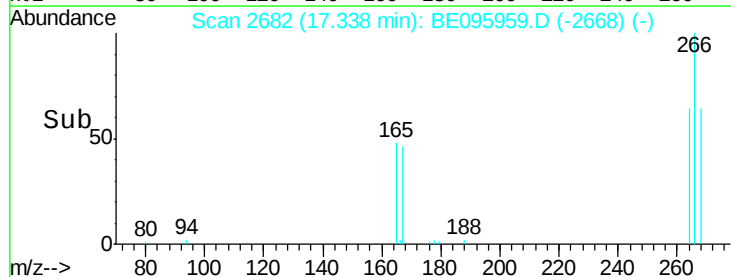
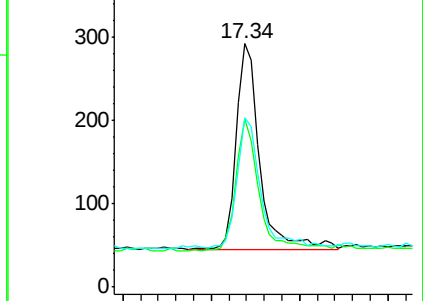
268 63.3 49.8 74.8

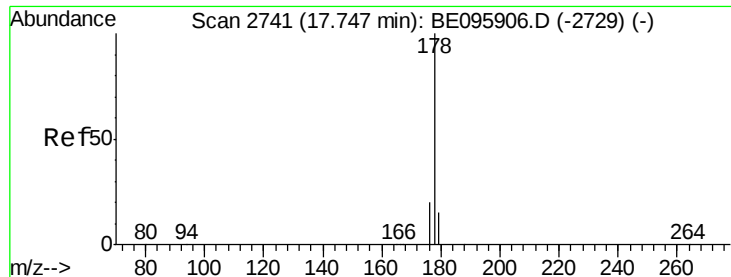


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.73 min Scan# 2737

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

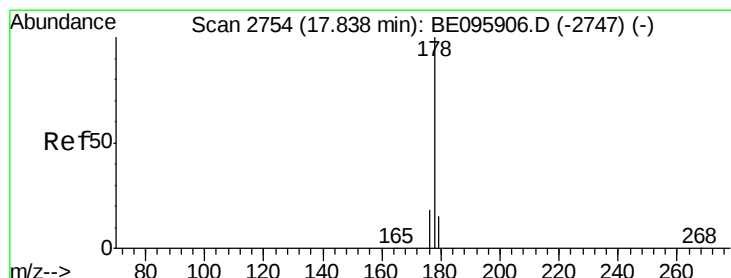
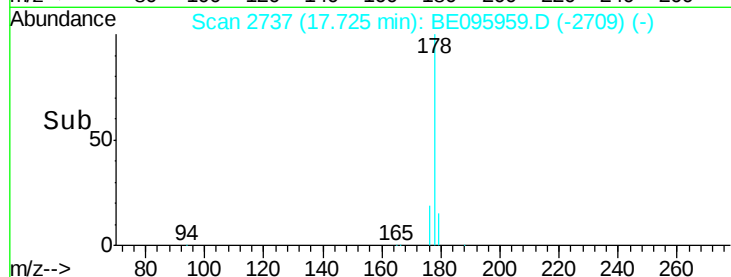
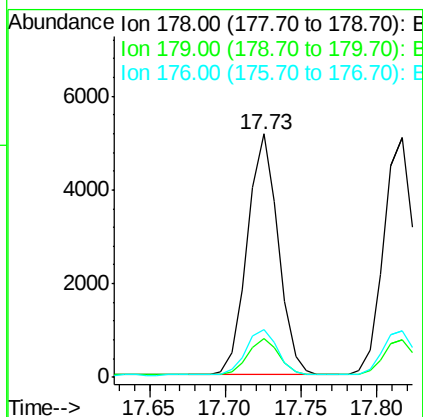
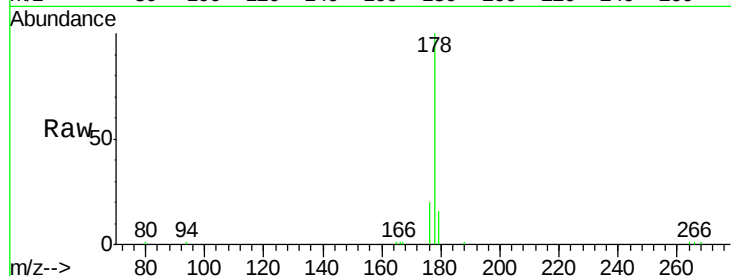
Tot Ion:178 Resp: 7296

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 19.7 13.6 20.4



#13

Anthracene

Concen: 0.384 ng/ul

RT: 17.82 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

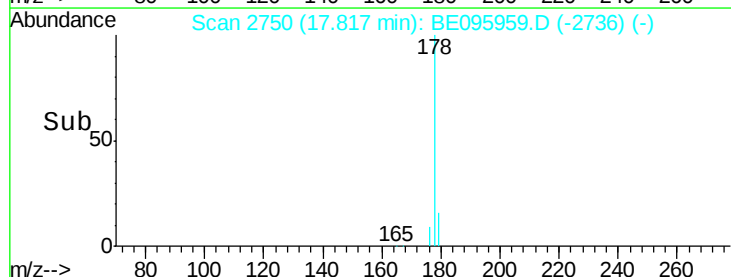
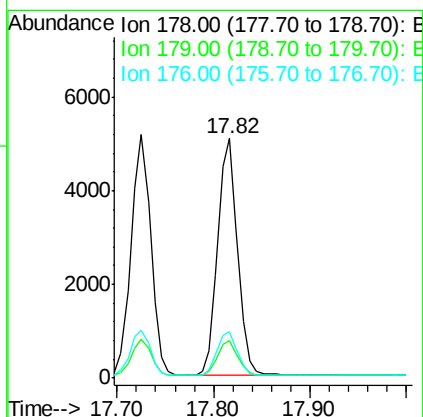
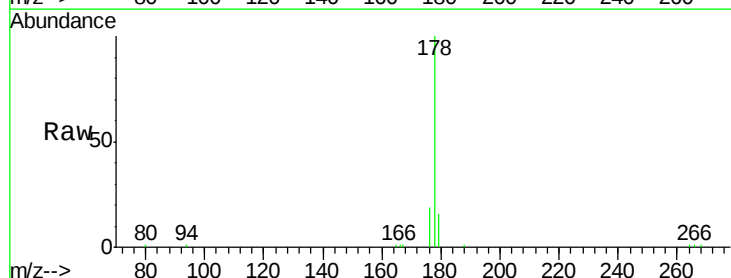
Tgt Ion:178 Resp: 7190

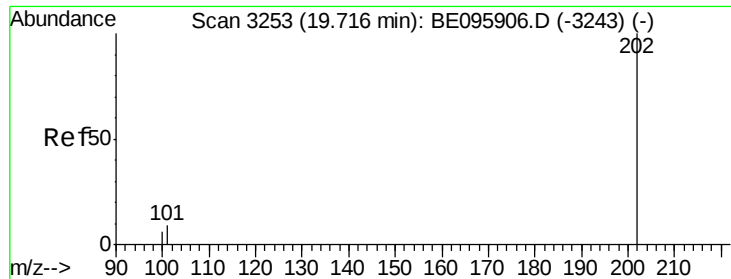
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 19.2 14.7 22.1





#15

Fluoranthene

Concen: 0.382 ng/ul

RT: 19.69 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

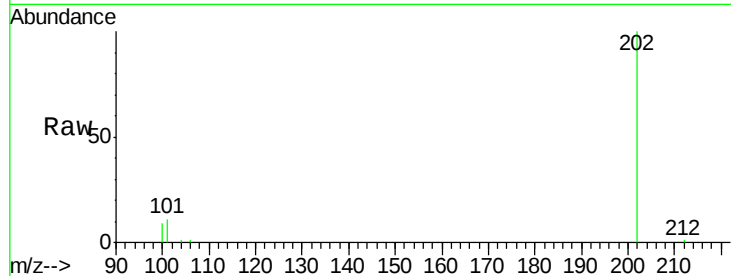
Tot Ion:202 Resp: 9796

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

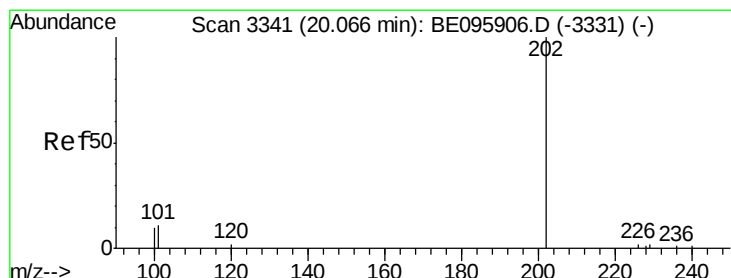
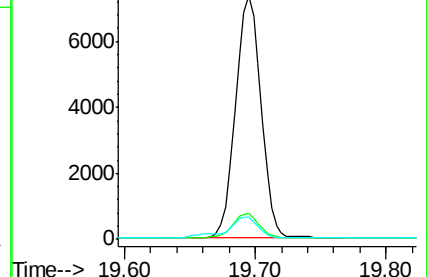
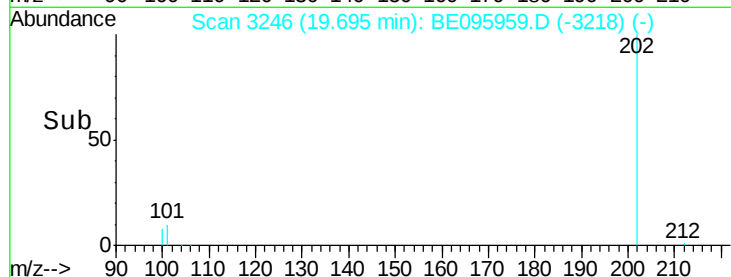
100 8.9 0.0 39.5



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: 0.374 ng/ul

RT: 20.05 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

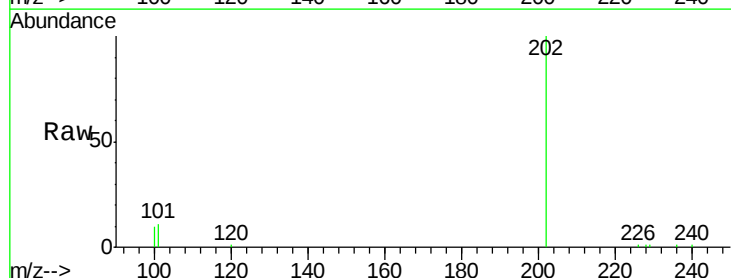
Tgt Ion:202 Resp: 10776

Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

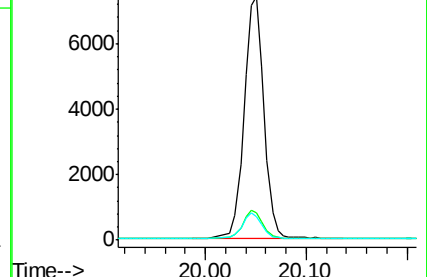
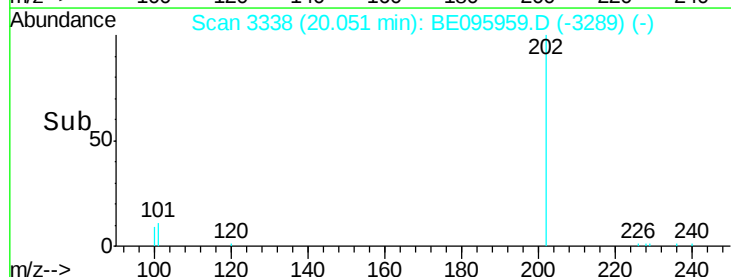
100 9.8 15.6 23.4#

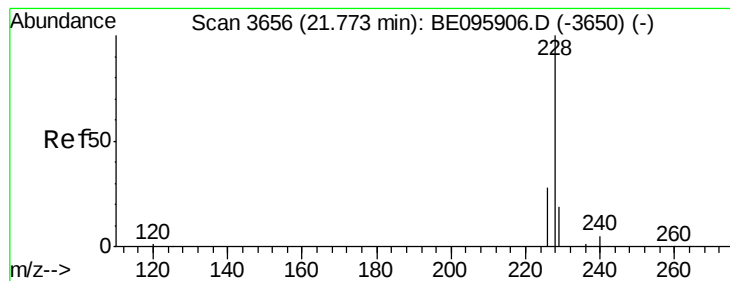


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.375 ng/ul

RT: 21.76 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

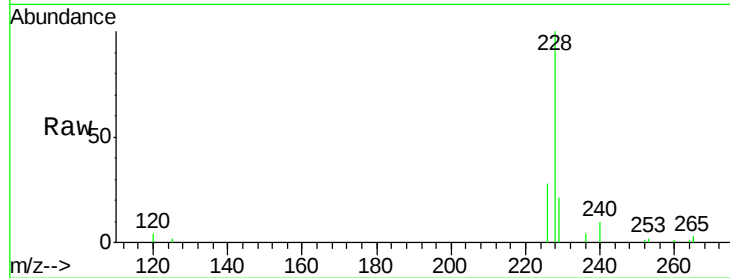
Tot Ion:228 Resp: 12841

Ion Ratio Lower Upper

228 100

229 20.5 22.8 34.2#

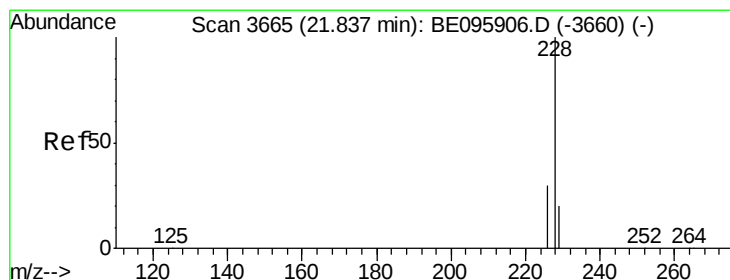
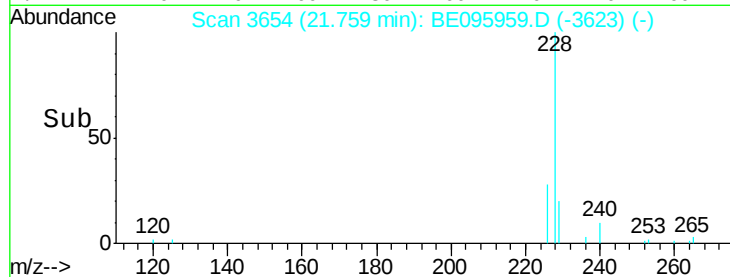
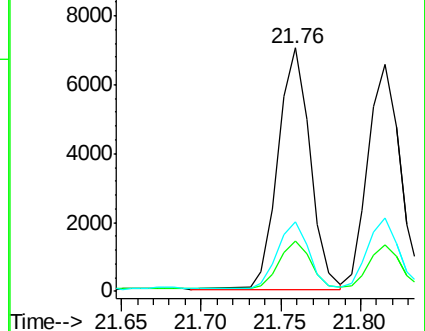
226 28.4 17.0 25.6#



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: 0.376 ng/ul

RT: 21.82 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

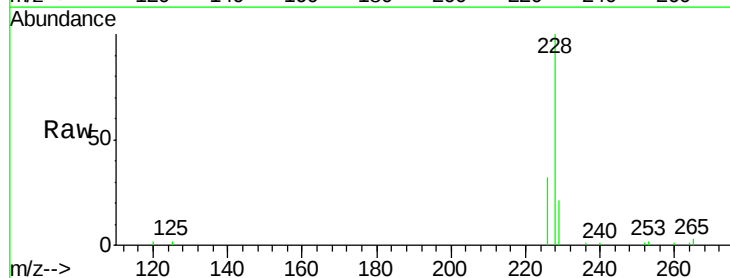
Tgt Ion:228 Resp: 9277

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.0

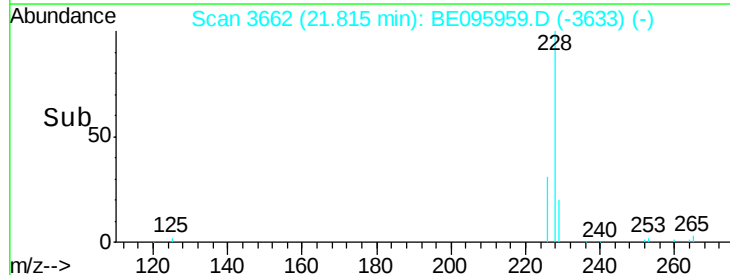
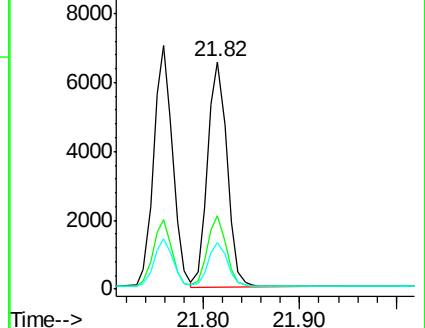
229 20.7 17.7 26.5

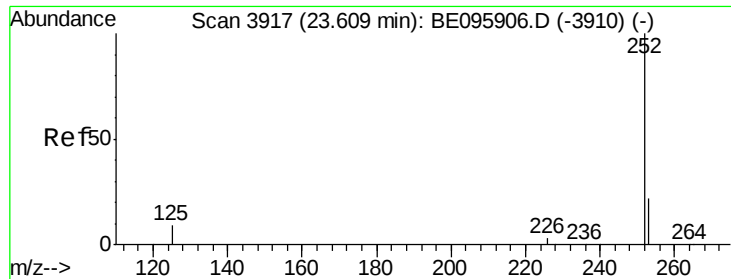


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.385 ng/ul

RT: 23.59 min Scan# 3914

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

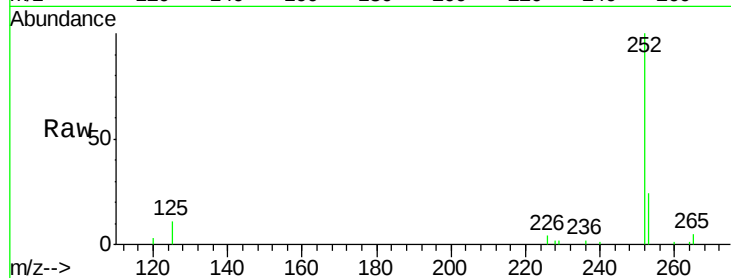
Tot Ion:252 Resp: 8781

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

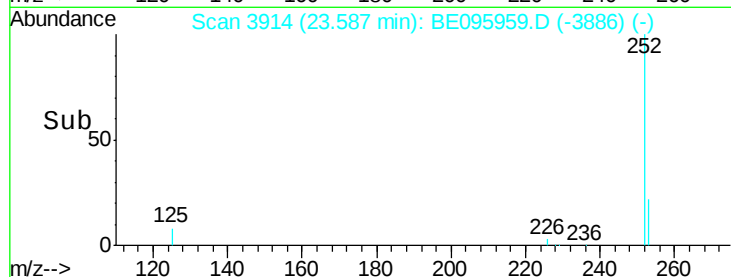
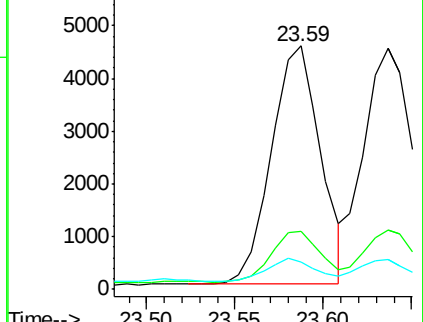
125 11.2 0.0 35.0



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: 0.388 ng/ul

RT: 23.64 min Scan# 3921

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

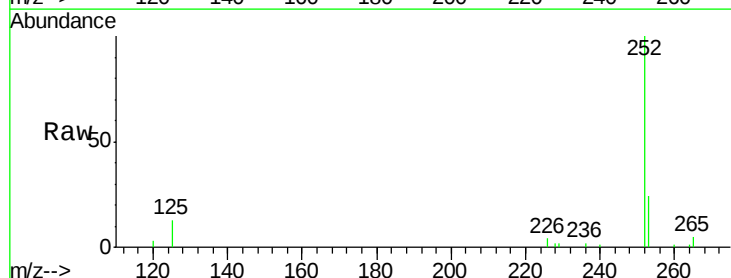
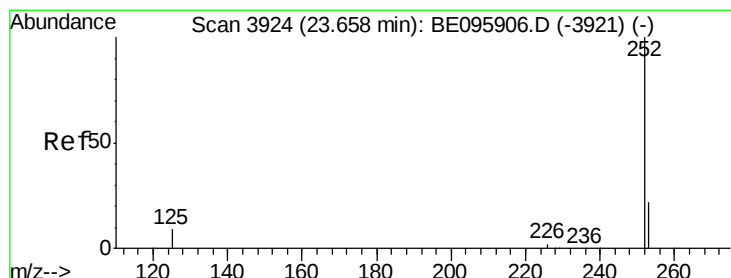
Tgt Ion:252 Resp: 8803

Ion Ratio Lower Upper

252 100

253 24.3 24.5 36.7#

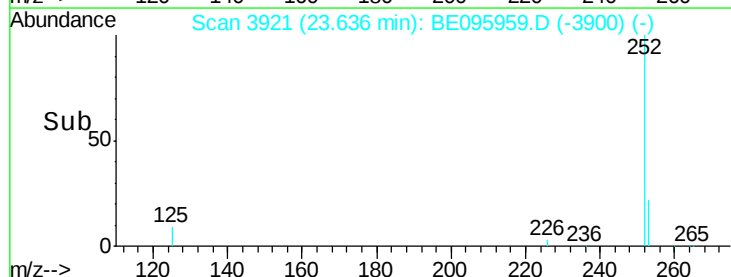
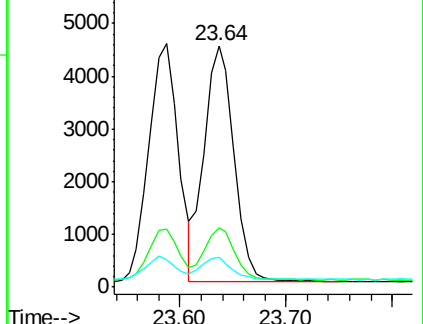
125 12.6 13.7 20.5#

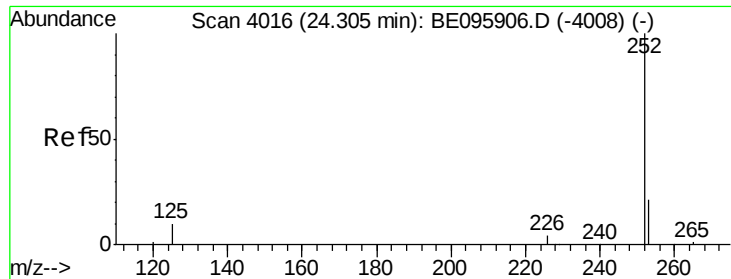


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 24.28 min Scan# 4012

Delta R.T. -0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

Instrument :

BNA_E

ClientSampleId :

SICV35

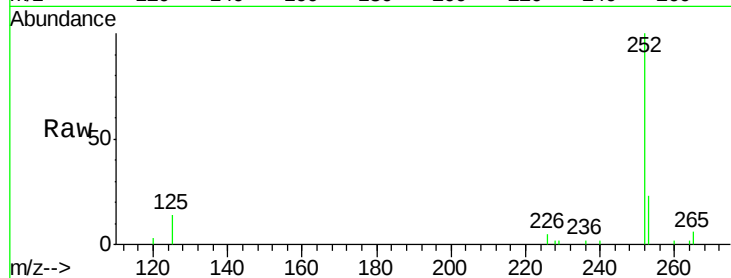
Tot Ion:252 Resp: 8515

Ion Ratio Lower Upper

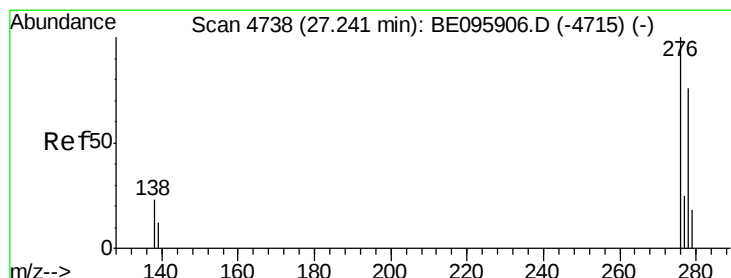
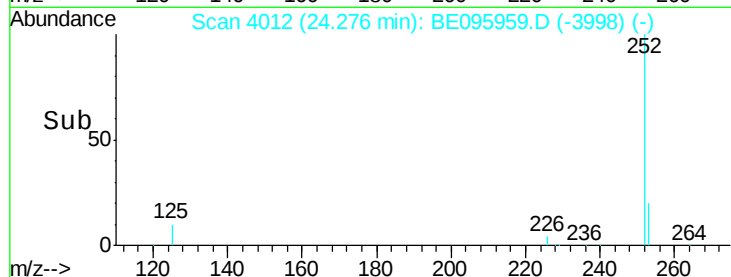
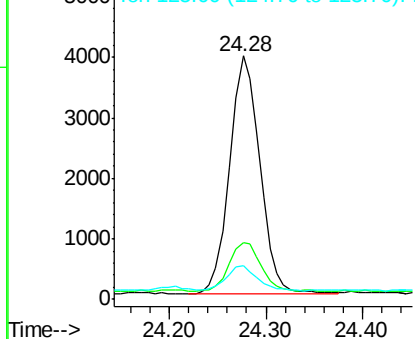
252 100

253 23.2 28.5 42.7#

125 13.9 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: 0.392 ng/ul

RT: 27.20 min Scan# 4727

Delta R.T. 0.00 min

Lab File: BE095959.D

Acq: 6 Apr 2018 16:39

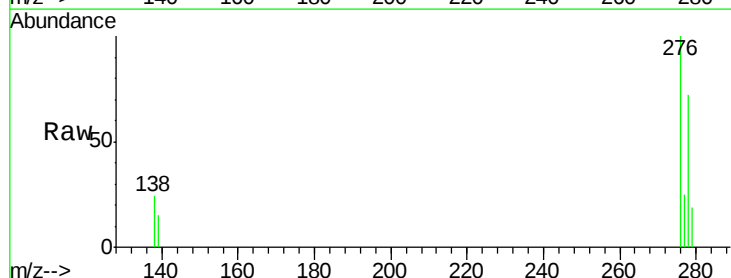
Tgt Ion:276 Resp: 9588

Ion Ratio Lower Upper

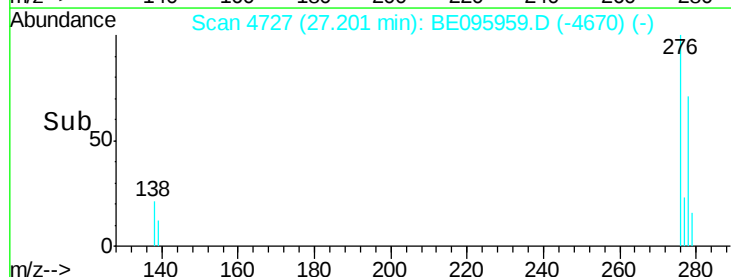
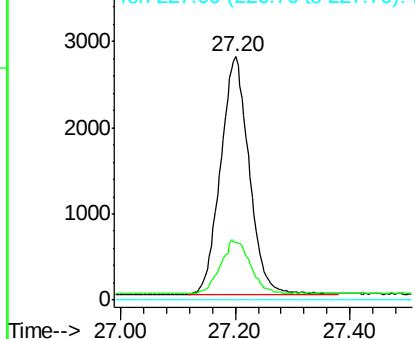
276 100

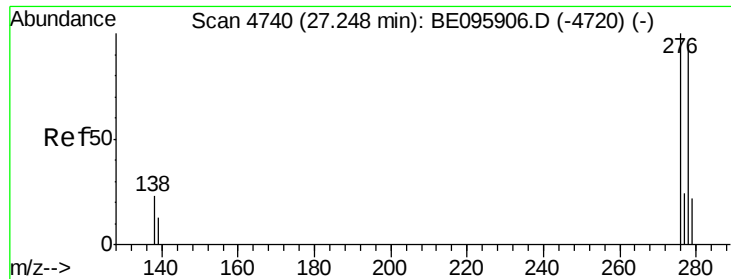
138 23.1 28.0 42.0#

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



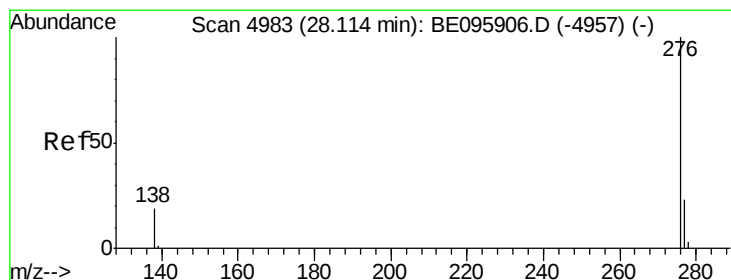
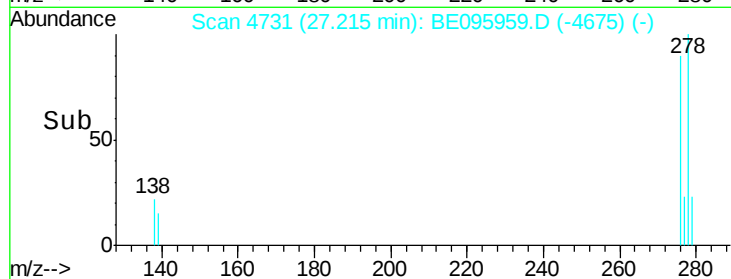
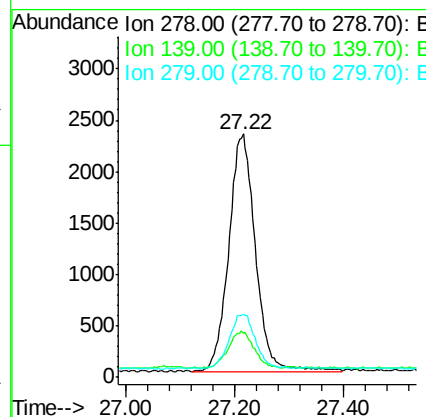
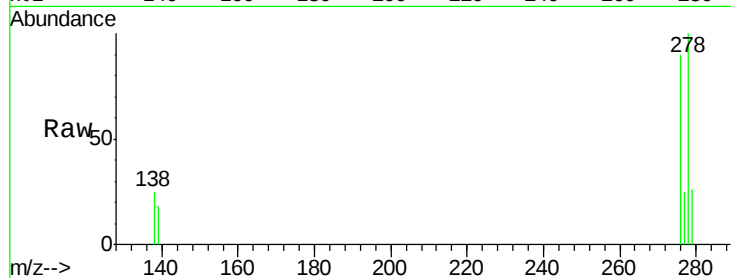


#25
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 27.22 min Scan# 4731
Delta R.T. -0.00 min
Lab File: BE095959.D
Acq: 6 Apr 2018 16:39

Instrument :
BNA_E
ClientSampleId :
SICV35

Tot Ion:278 Resp: 7858

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	26.2	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 28.07 min Scan# 4971
Delta R.T. -0.00 min
Lab File: BE095959.D
Acq: 6 Apr 2018 16:39

Tgt Ion:276 Resp: 7964

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.8	32.8
277	26.0	20.5	30.7

