

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
 Data File : BE095078.D
 Acq On : 19 Jan 2018 16:26
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SICV07

Quant Time: Jan 19 18:32:40 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 18:31:16 2018
 Response via : Initial Calibration

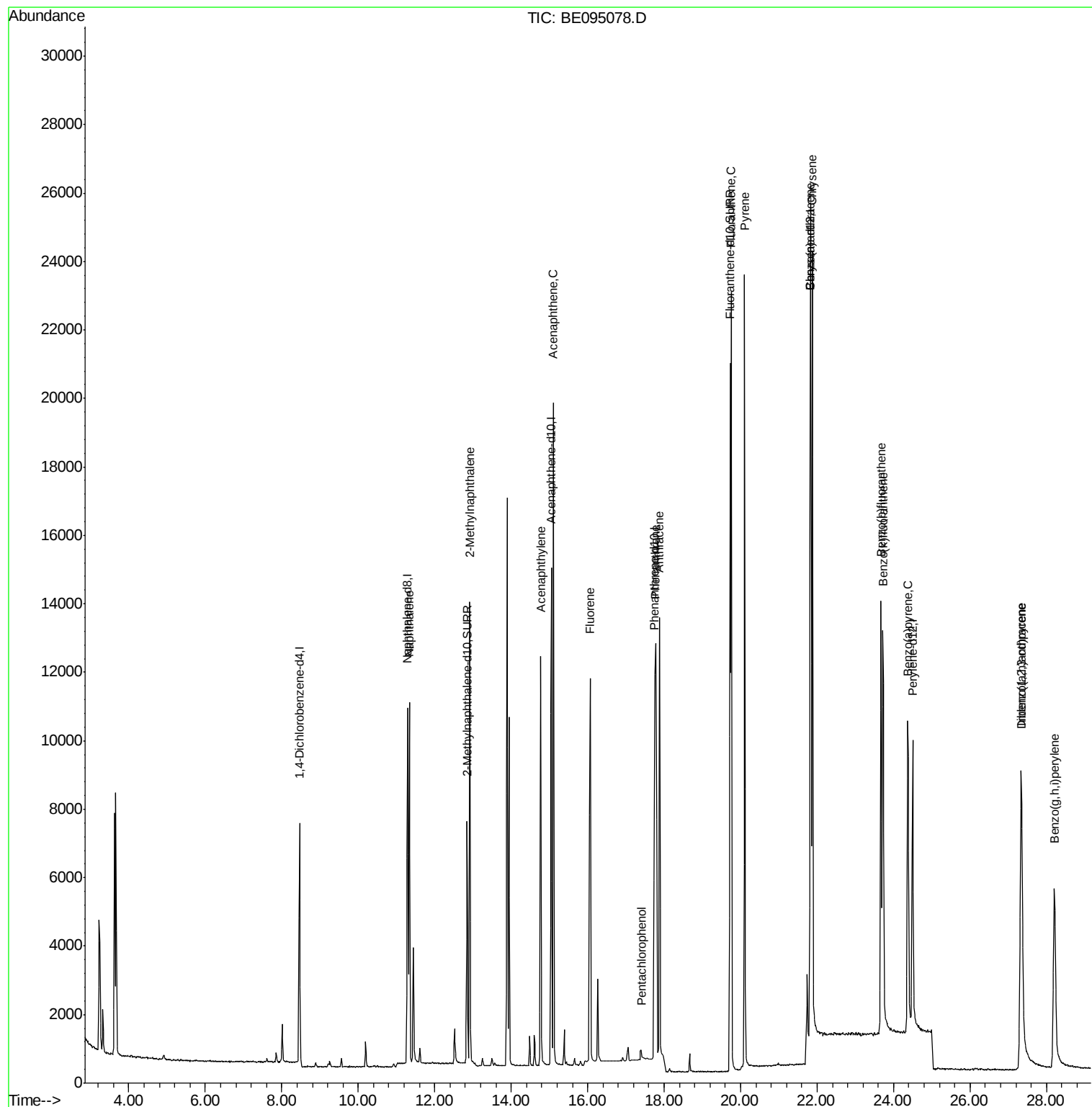
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4603	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	14775	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	8197	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	18582	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	18562	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	14798	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	9732	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	23262	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.34	128	15475	0.395	ng/ul#	89
5) 2-Methylnaphthalene	12.91	142	10858	0.398	ng/ul	100
7) Acenaphthylene	14.77	152	14282	0.389	ng/ul	96
8) Acenaphthene	15.11	153	11210	0.392	ng/ul	94
9) Fluorene	16.07	166	11641	0.382	ng/ul	90
11) Pentachlorophenol	17.41	266	365	0.332	ng/ul	97
12) Phenanthrene	17.78	178	19472	0.395	ng/ul#	81
13) Anthracene	17.87	178	17744	0.412	ng/ul#	87
15) Fluoranthene	19.76	202	25488	0.404	ng/ul	83
17) Pyrene	20.11	202	25434	0.377	ng/ul#	81
18) Benzo(a)anthracene	21.82	228	20298	0.395	ng/ul#	86
19) Chrysene	21.88	228	23123	0.404	ng/ul	96
21) Benzo(b)fluoranthene	23.67	252	19619	0.394	ng/ul	85
22) Benzo(k)fluoranthene	23.72	252	19386	0.422	ng/ul#	87
23) Benzo(a)pyrene	24.37	252	17399	0.409	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.33	276	16368	0.433	ng/ul#	81
25) Dibenzo(a,h)anthracene	27.35	278	12521	0.464	ng/ul#	89
26) Benzo(g,h,i)perylene	28.21	276	15384	0.410	ng/ul	94

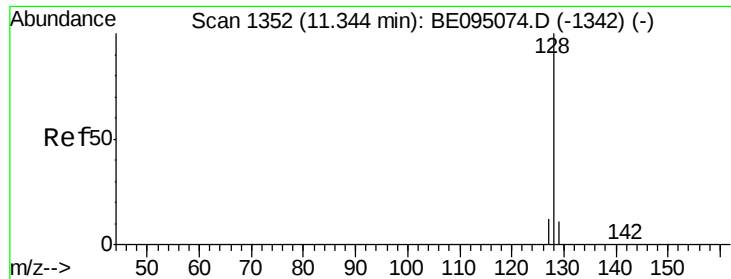
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
Data File : BE095078.D
Acq On : 19 Jan 2018 16:26
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SICV07

Quant Time: Jan 19 18:32:40 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 18:31:16 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.395 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

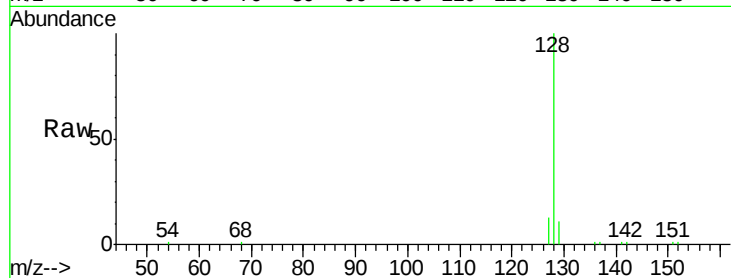
Tgt Ion:128 Resp: 15475

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

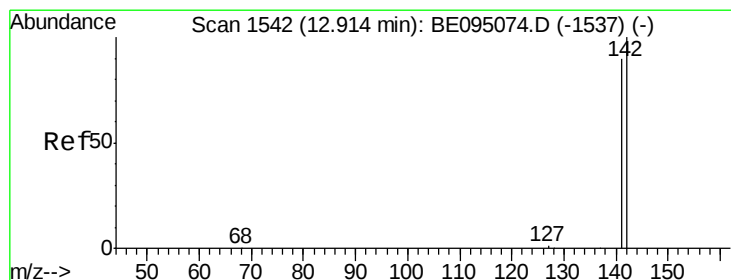
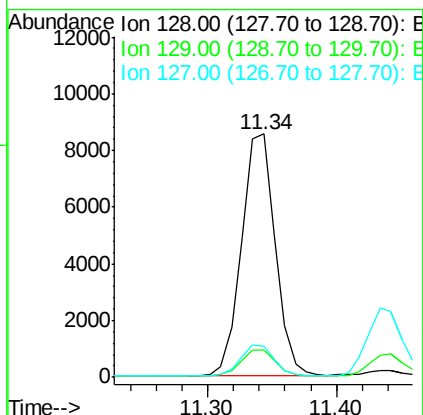
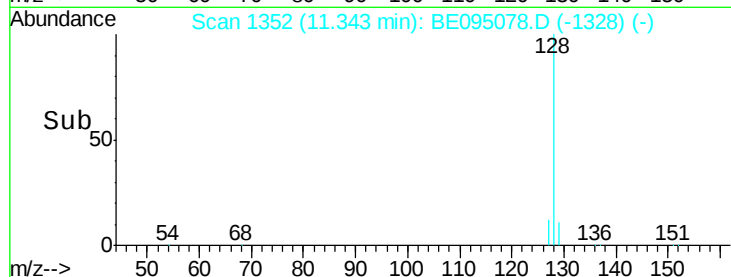
127 12.8 4.0 6.0#



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: 0.398 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095078.D

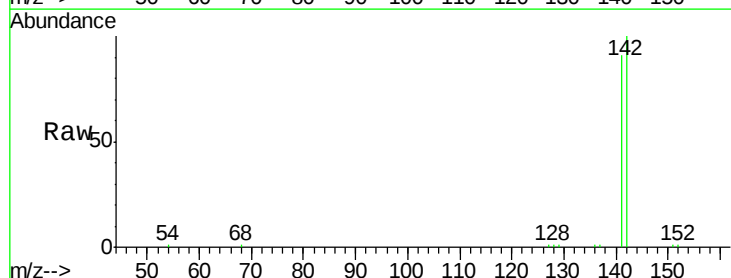
Acq: 19 Jan 2018 16:26

Tgt Ion:142 Resp: 10858

Ion Ratio Lower Upper

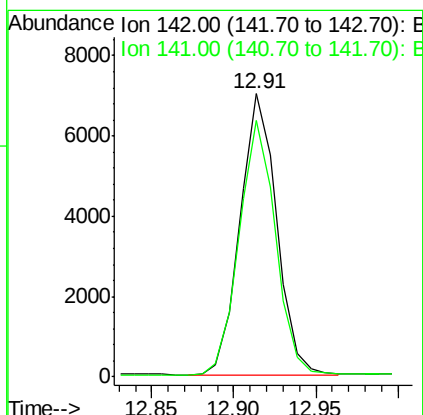
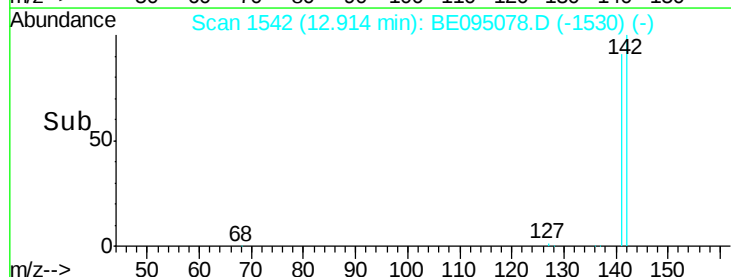
142 100

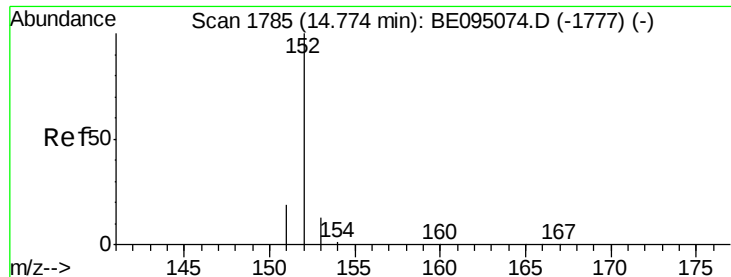
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

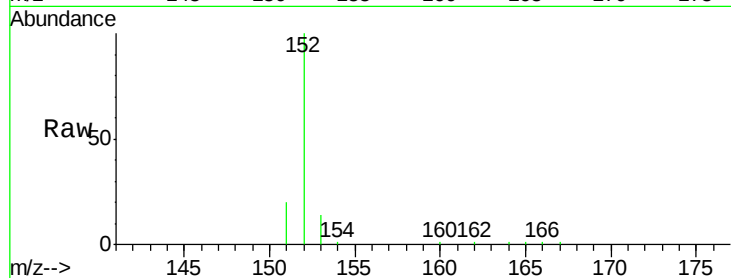
Tgt Ion:152 Resp: 14282

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

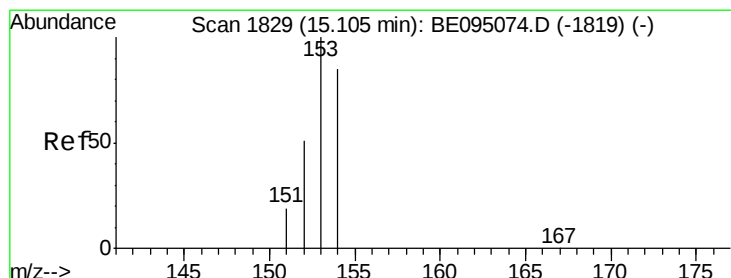
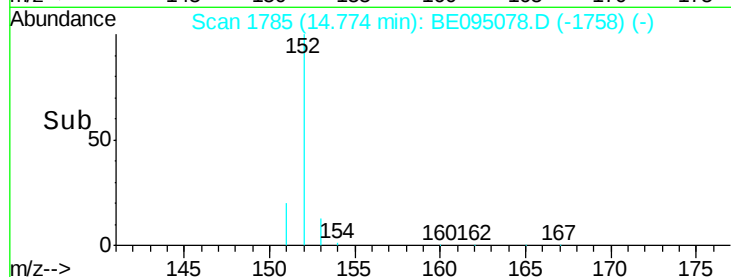
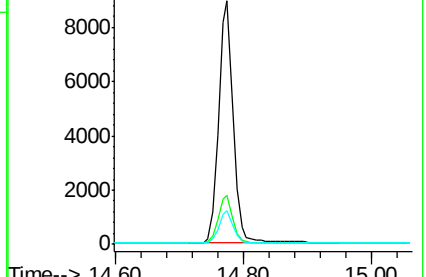
153 13.6 12.8 19.2



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: 0.392 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

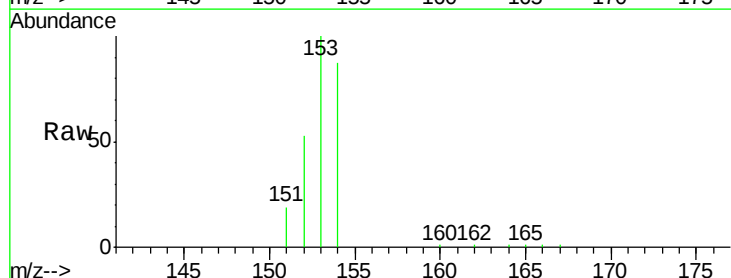
Tgt Ion:153 Resp: 11210

Ion Ratio Lower Upper

153 100

152 52.6 36.0 54.0

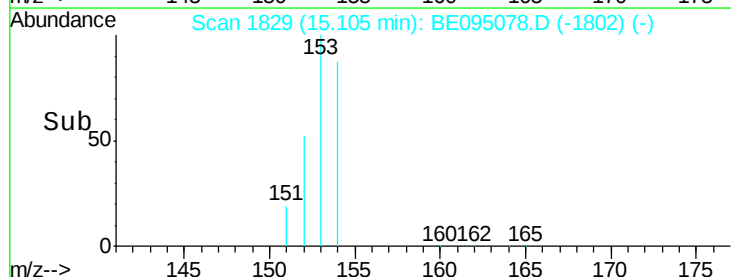
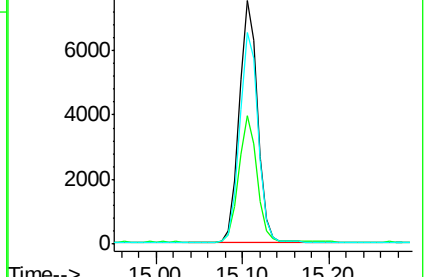
154 86.7 72.0 108.0

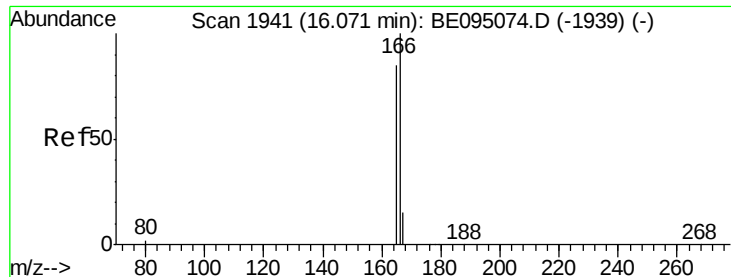


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

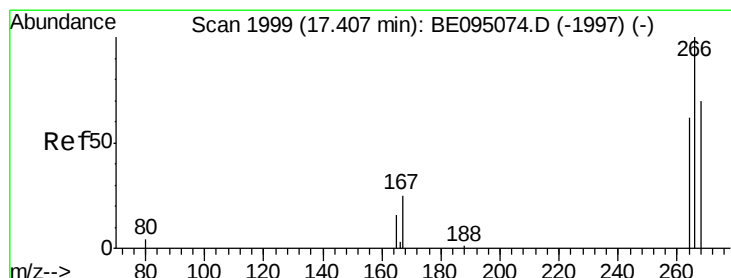
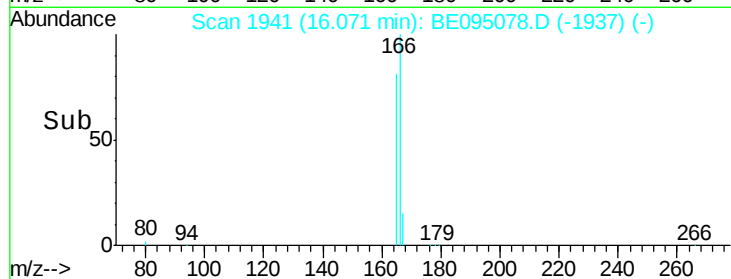
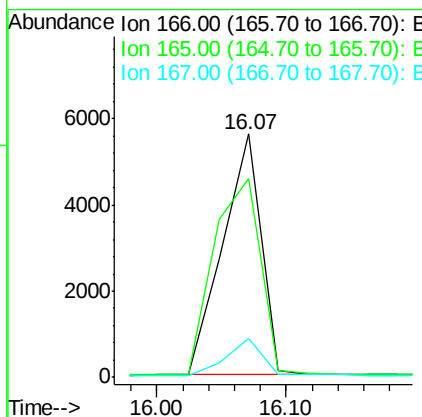
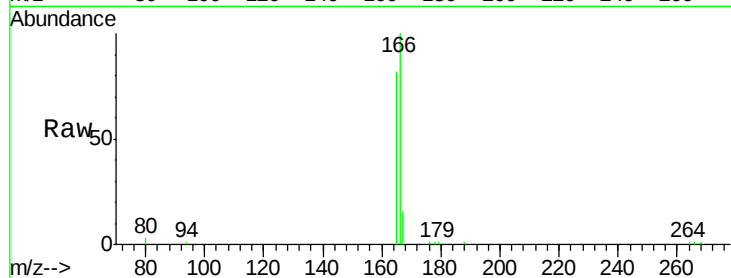




#9
Fluorene
 Concen: 0.382 ng/ul
 RT: 16.07 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BE095078.D
 Acq: 19 Jan 2018 16:26

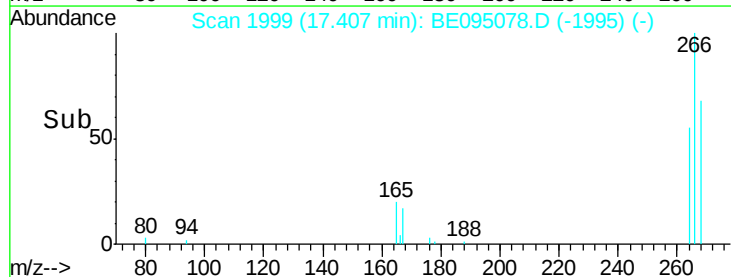
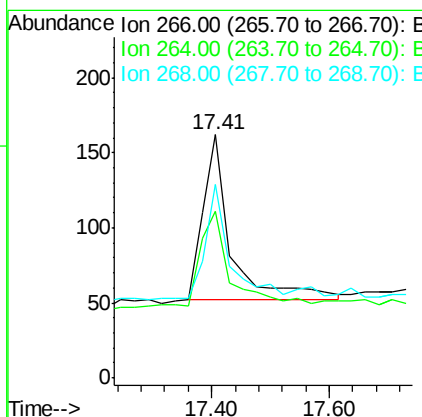
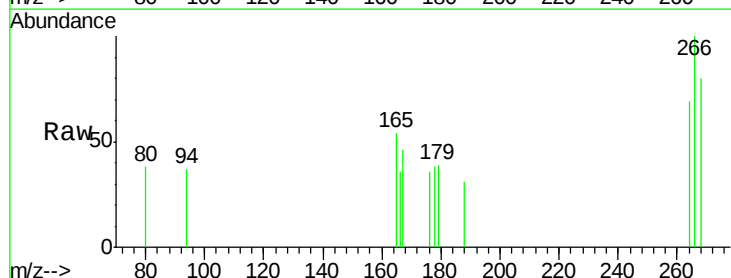
Instrument :
 BNA_E
 ClientSampleId :
 SICV07

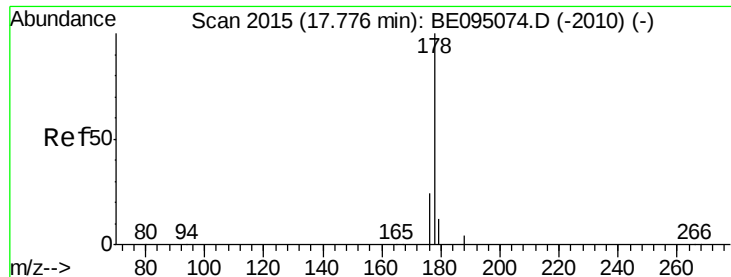
Tgt Ion:166 Resp: 11641
 Ion Ratio Lower Upper
 166 100
 165 81.7 73.4 110.2
 167 16.1 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.332 ng/ul
 RT: 17.41 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BE095078.D
 Acq: 19 Jan 2018 16:26

Tgt Ion:266 Resp: 365
 Ion Ratio Lower Upper
 266 100
 264 61.4 47.9 71.9
 268 64.7 49.8 74.8





#12

Phenanthrene

Concen: 0.395 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

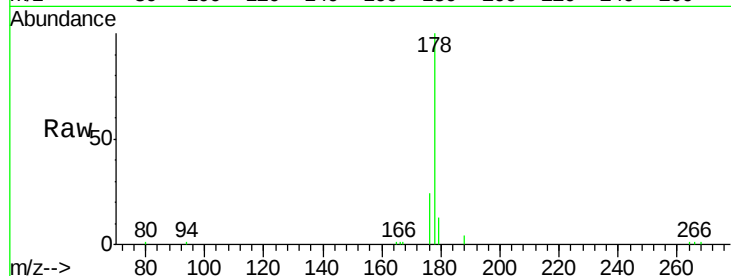
Tgt Ion:178 Resp: 19472

Ion Ratio Lower Upper

178 100

179 13.1 18.4 27.6#

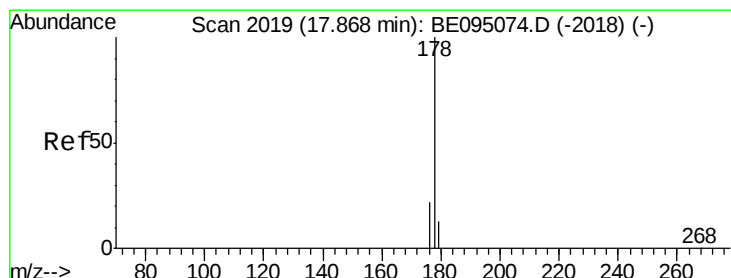
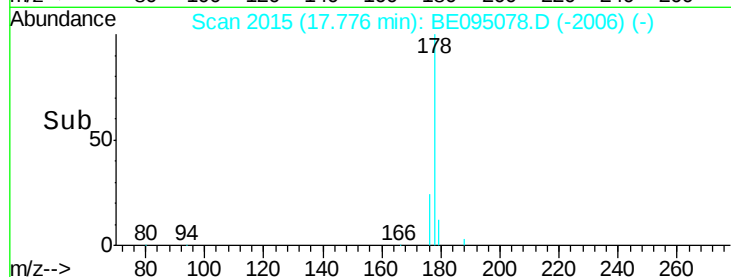
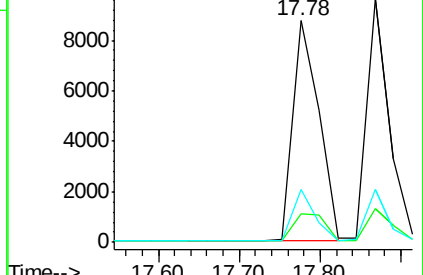
176 24.0 13.6 20.4#



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: 0.412 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

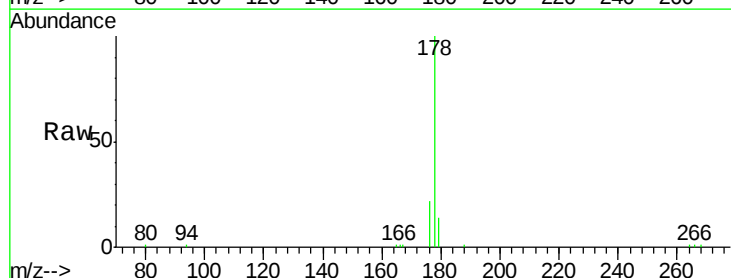
Tgt Ion:178 Resp: 17744

Ion Ratio Lower Upper

178 100

179 13.9 18.1 27.1#

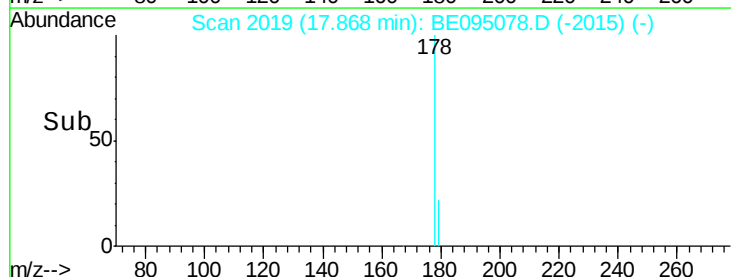
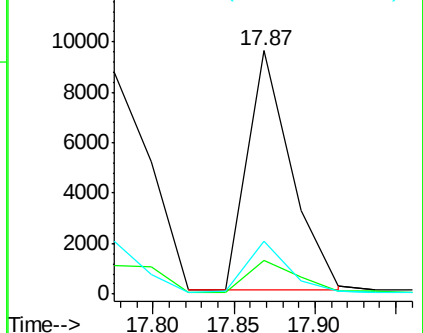
176 21.6 14.7 22.1

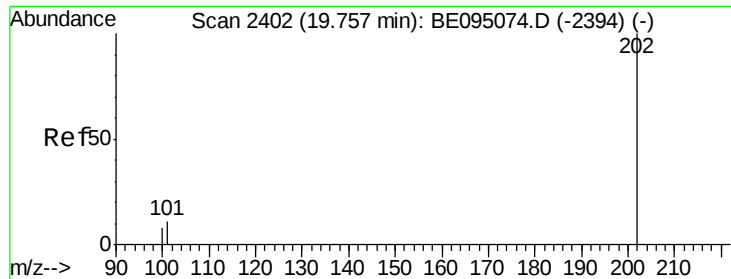


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

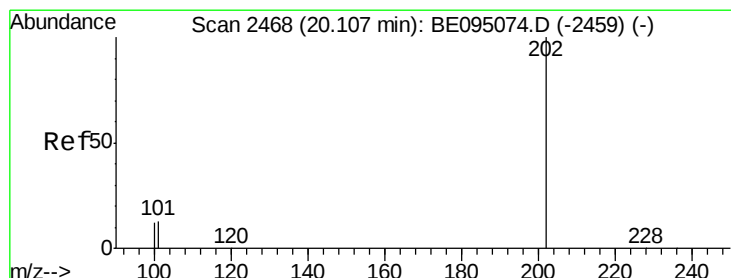
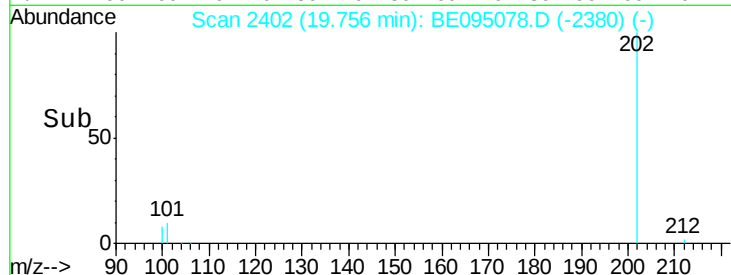
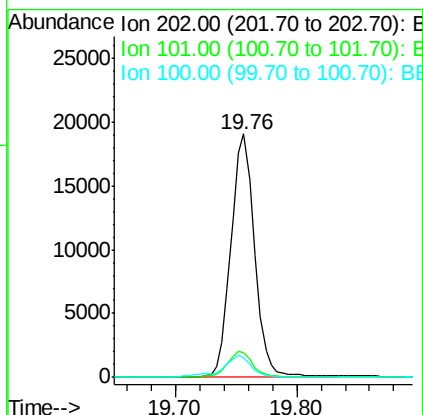
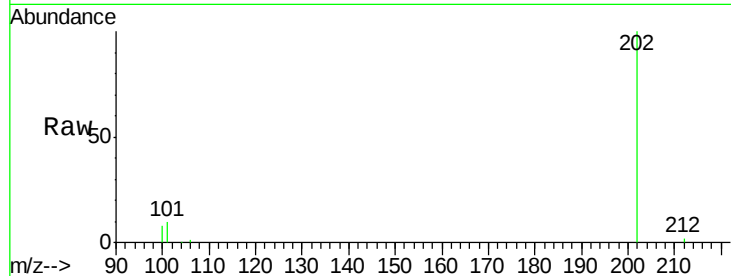




#15
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.76 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BE095078.D
Acq: 19 Jan 2018 16:26

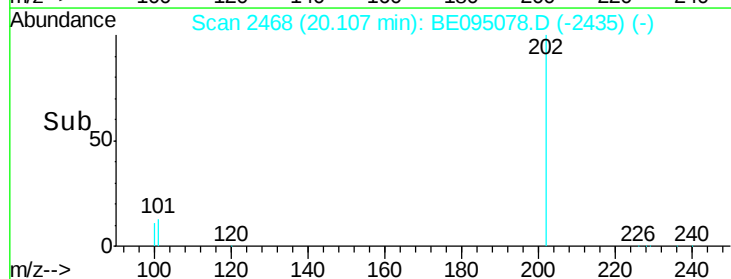
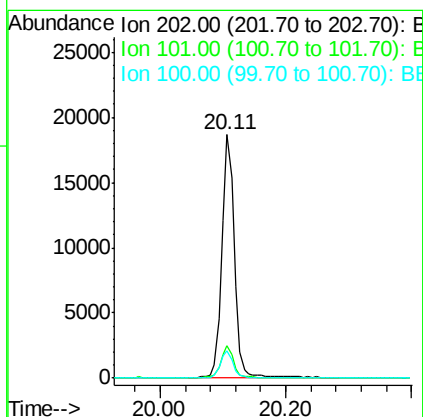
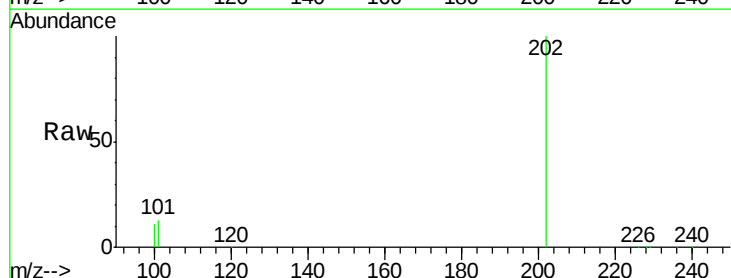
Instrument :
BNA_E
ClientSampleId :
SICV07

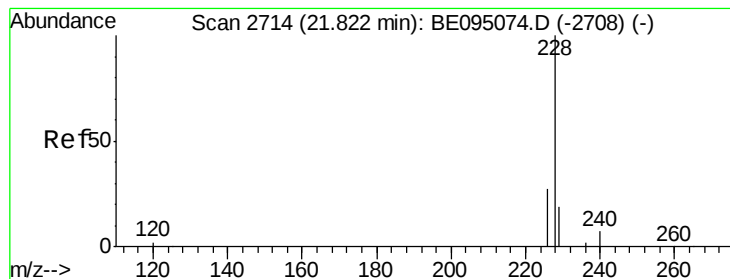
Tgt Ion:202 Resp: 25488
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.3
100 8.1 0.0 39.5



#17
Pyrene
Concen: 0.377 ng/ul
RT: 20.11 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BE095078.D
Acq: 19 Jan 2018 16:26

Tgt Ion:202 Resp: 25434
Ion Ratio Lower Upper
202 100
101 13.3 18.2 27.4#
100 11.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.395 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

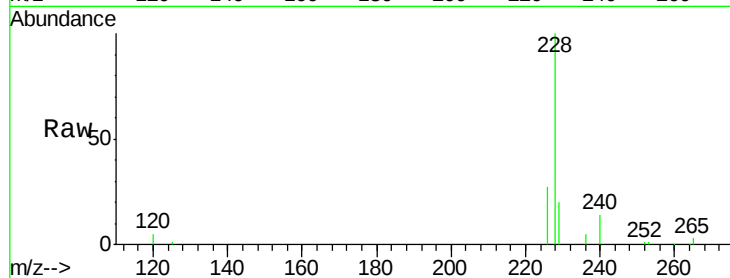
Tgt Ion:228 Resp: 20298

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

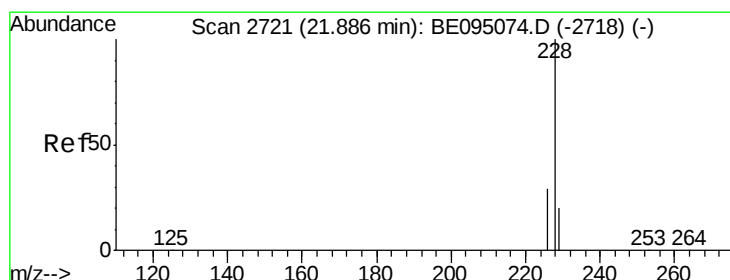
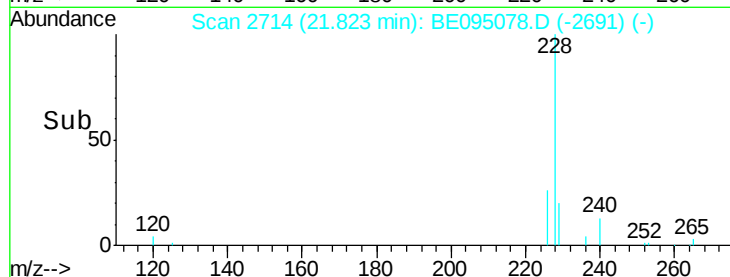
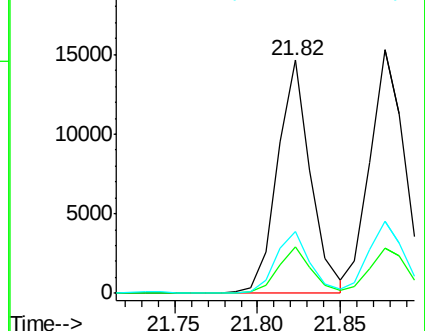
226 26.7 17.0 25.6#



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: 0.404 ng/ul

RT: 21.88 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

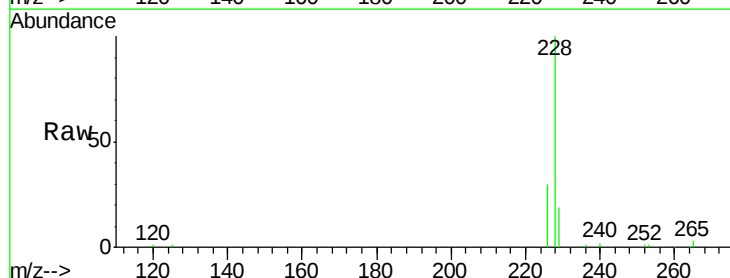
Tgt Ion:228 Resp: 23123

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

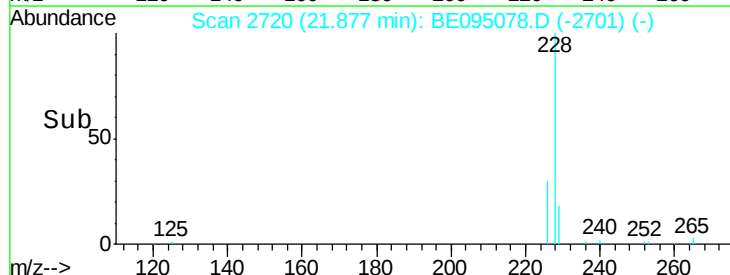
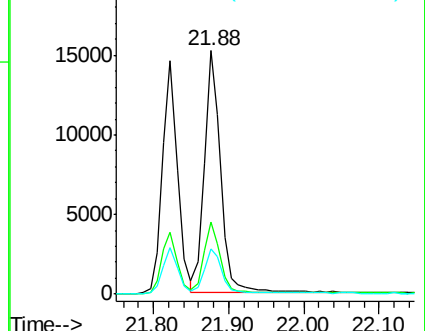
229 18.7 17.7 26.5

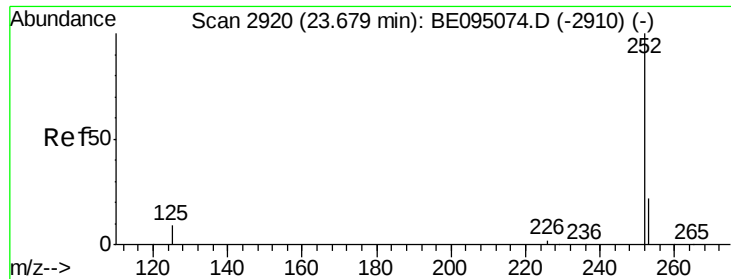


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.394 ng/ul

RT: 23.67 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

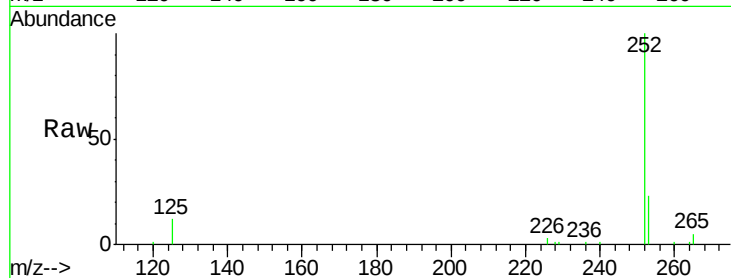
Tgt Ion:252 Resp: 19619

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

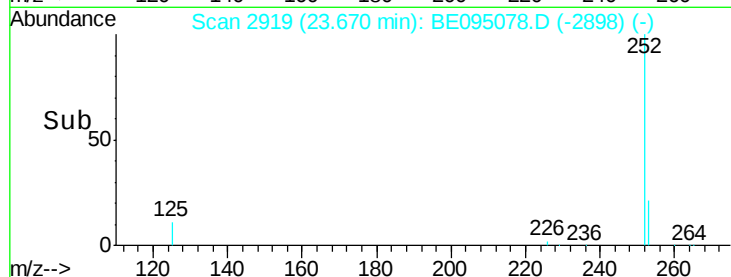
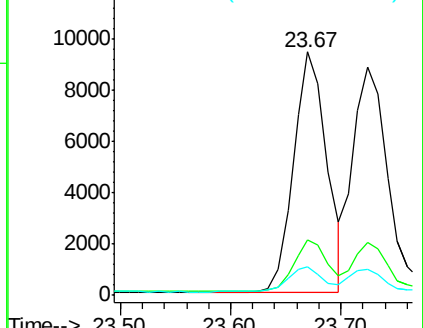
125 12.0 0.0 35.0



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: 0.422 ng/ul

RT: 23.72 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

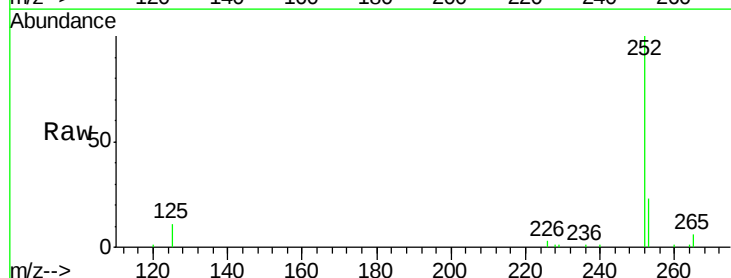
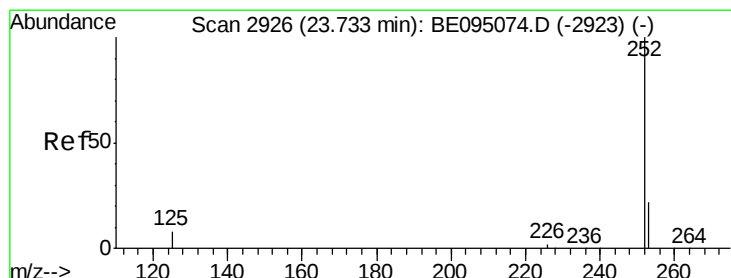
Tgt Ion:252 Resp: 19386

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

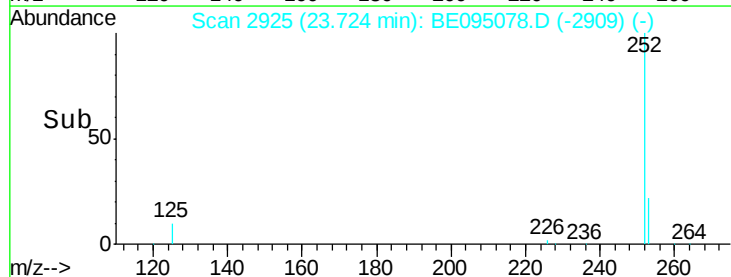
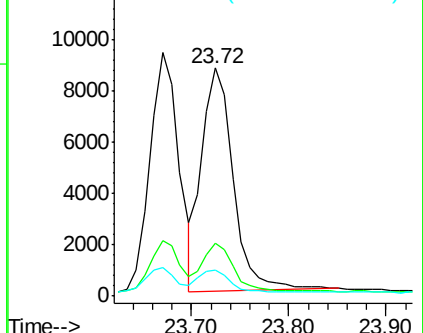
125 11.4 13.7 20.5#

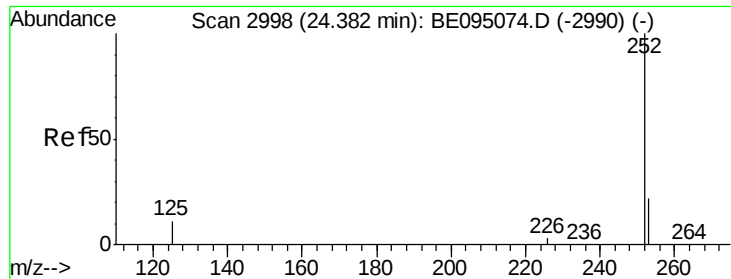


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.409 ng/u1

RT: 24.37 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

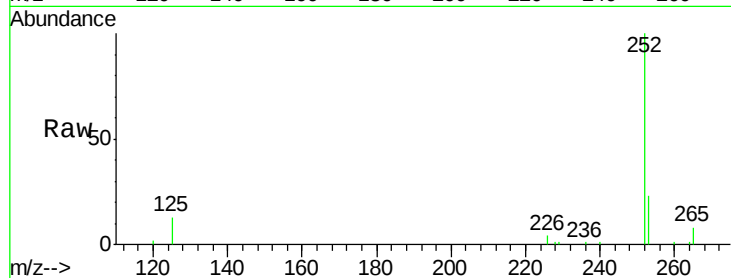
Tgt Ion:252 Resp: 17399

Ion Ratio Lower Upper

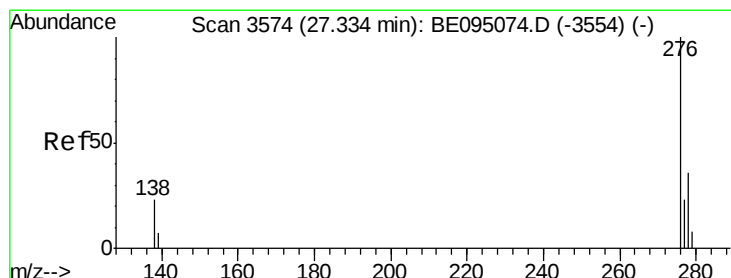
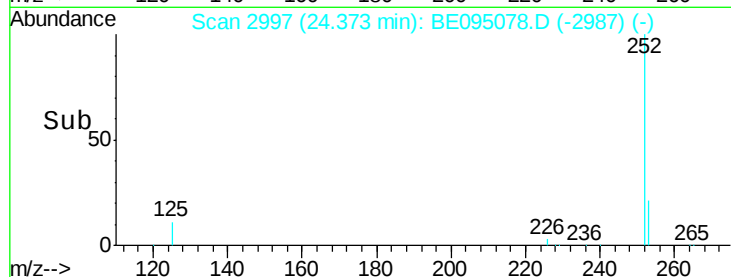
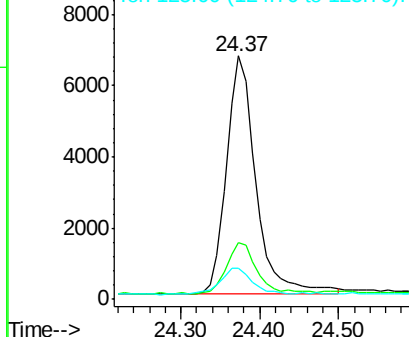
252 100

253 23.3 28.5 42.7#

125 12.8 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: 0.433 ng/u1

RT: 27.33 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

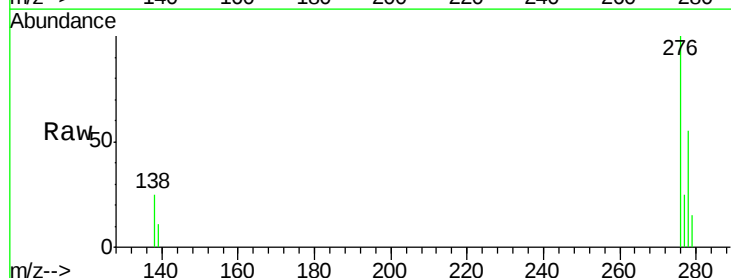
Tgt Ion:276 Resp: 16368

Ion Ratio Lower Upper

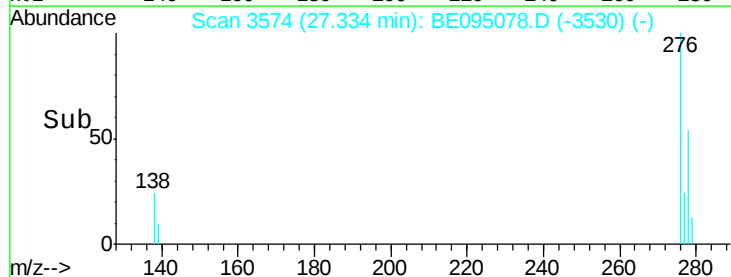
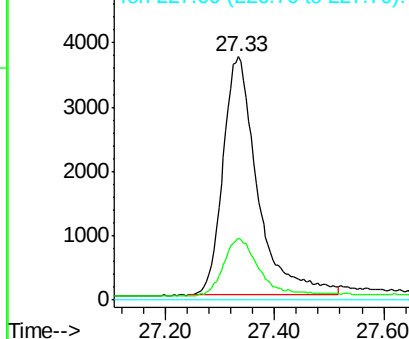
276 100

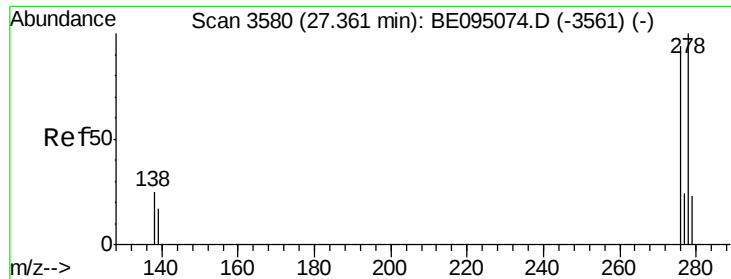
138 25.0 28.0 42.0#

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: 0.464 ng/ul

RT: 27.35 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

Instrument :

BNA_E

ClientSampleId :

SICV07

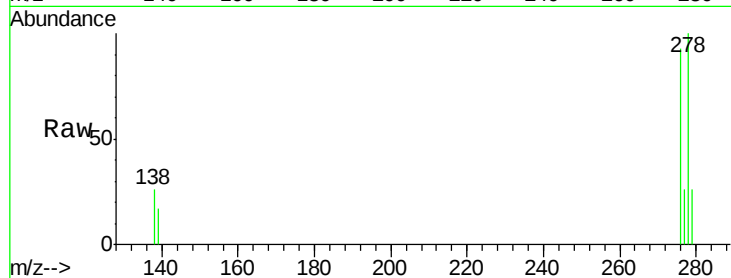
Tgt Ion:278 Resp: 12521

Ion Ratio Lower Upper

278 100

139 17.1 17.4 26.0#

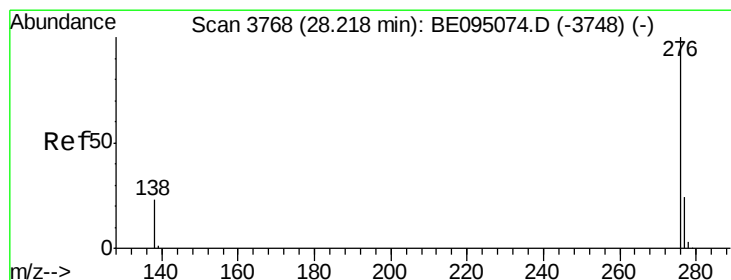
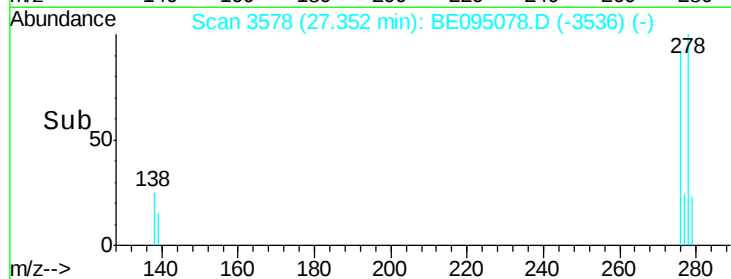
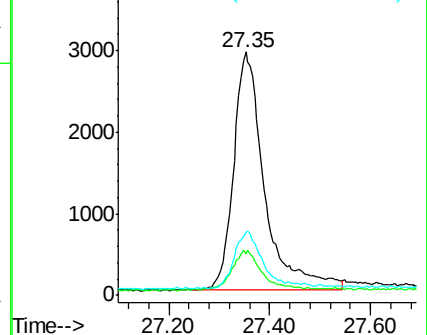
279 25.7 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.410 ng/ul

RT: 28.21 min Scan# 3767

Delta R.T. -0.00 min

Lab File: BE095078.D

Acq: 19 Jan 2018 16:26

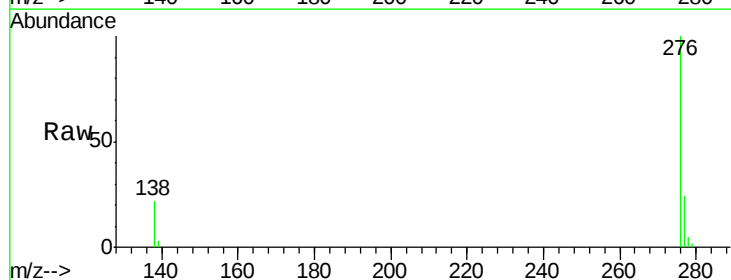
Tgt Ion:276 Resp: 15384

Ion Ratio Lower Upper

276 100

138 22.1 21.8 32.8

277 24.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

