

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
 Data File : BE095072.D
 Acq On : 19 Jan 2018 12:51
 Operator : SJ/JU
 Sample : SSTD0.101
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.101

Quant Time: Jan 19 15:22:23 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 15:16:58 2018
 Response via : Initial Calibration

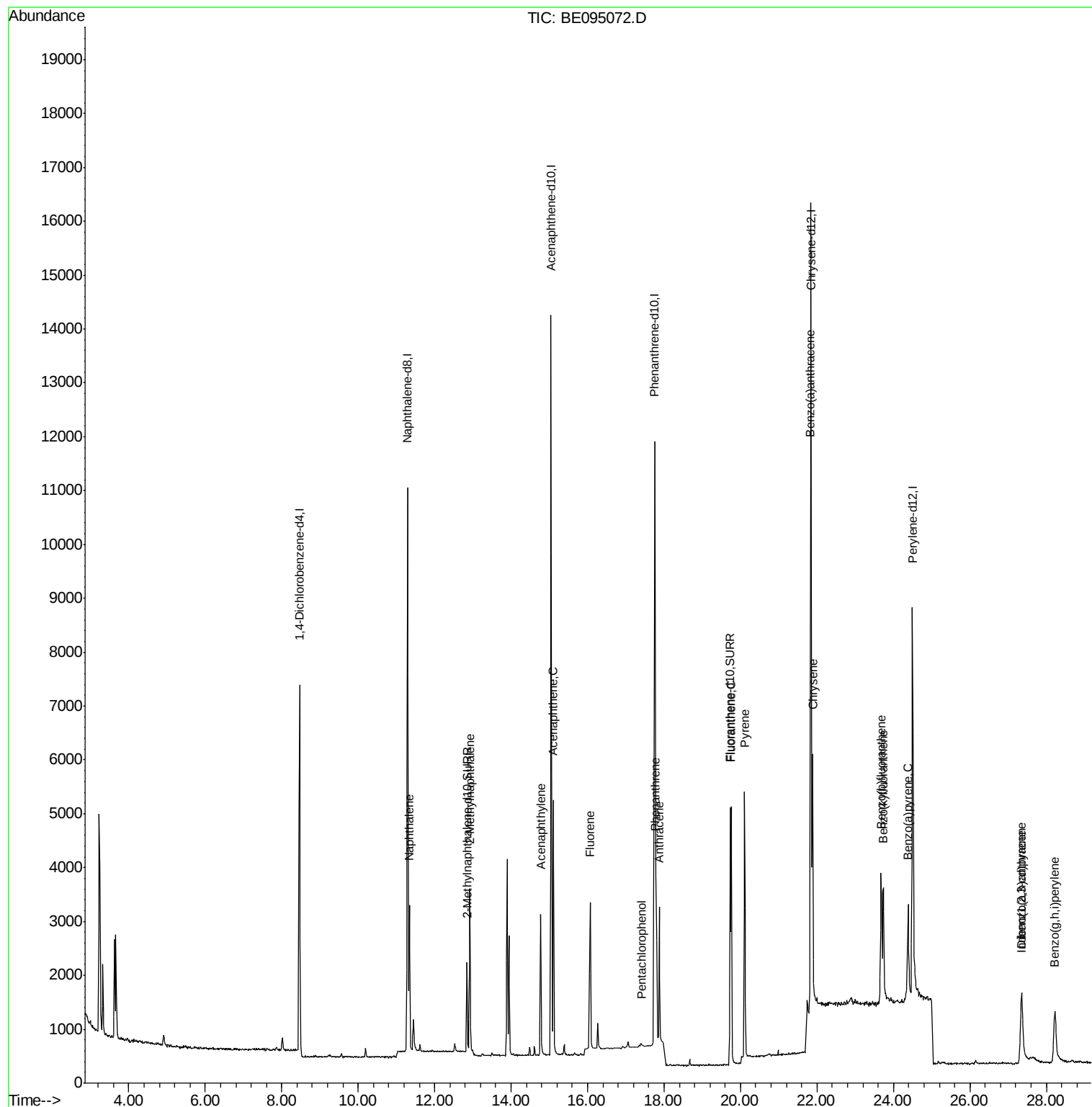
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4563	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	14512	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	7770	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	18324	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	15716	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	13345	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	2326	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	5417	0.09	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.34	128	3850	0.100	ng/ul#	91
5) 2-Methylnaphthalene	12.91	142	2555	0.086	ng/ul	97
7) Acenaphthylene	14.78	152	3360	0.095	ng/ul	99
8) Acenaphthene	15.11	153	2708	0.099	ng/ul	95
9) Fluorene	16.07	166	2743	0.090	ng/ul	91
11) Pentachlorophenol	17.41	266	75	0.040	ng/ul#	82
12) Phenanthrene	17.78	178	4832	0.100	ng/ul#	82
13) Anthracene	17.87	178	3845	0.084	ng/ul#	87
15) Fluoranthene	19.76	202	5753	0.091	ng/ul	84
17) Pyrene	20.11	202	5992	0.110	ng/ul#	83
18) Benzo(a)anthracene	21.82	228	4301	0.095	ng/ul#	85
19) Chrysene	21.89	228	4870	0.102	ng/ul	98
21) Benzo(b)fluoranthene	23.68	252	4057	0.087	ng/ul	95
22) Benzo(k)fluoranthene	23.73	252	3643	0.086	ng/ul	97
23) Benzo(a)pyrene	24.38	252	3474	0.087	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	27.33	276	2731	0.062	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.37	278	1751	0.049	ng/ul#	88
26) Benzo(g,h,i)perylene	28.23	276	3059	0.080	ng/ul	96

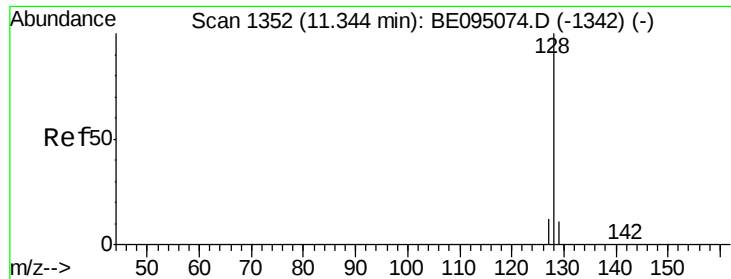
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
Data File : BE095072.D
Acq On : 19 Jan 2018 12:51
Operator : SJ/JU
Sample : SST00.101
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.101

Quant Time: Jan 19 15:22:23 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 15:16:58 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.100 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

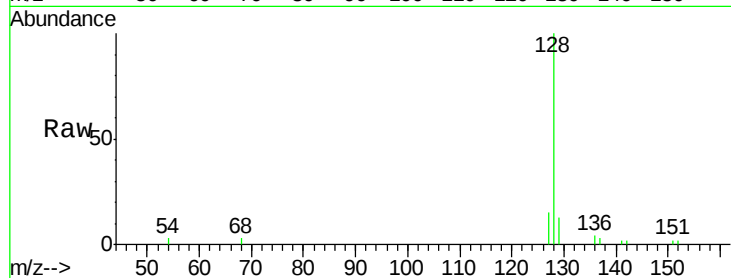
Tgt Ion:128 Resp: 3850

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

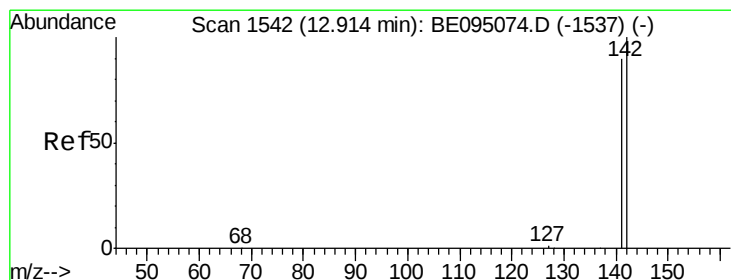
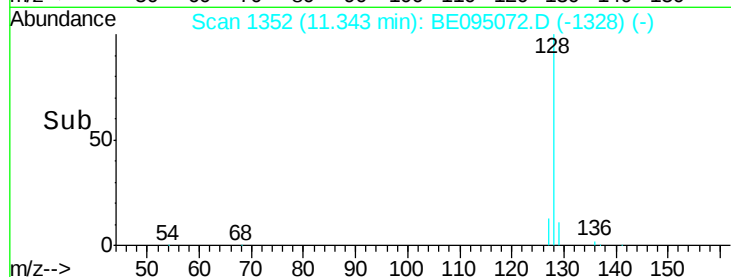
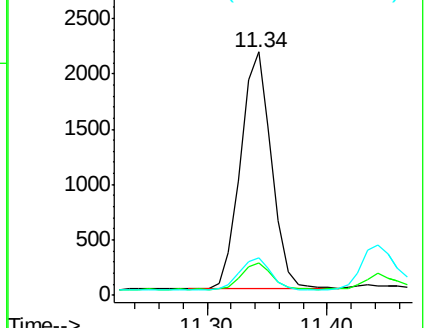
127 15.2 4.0 6.0#



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: 0.086 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095072.D

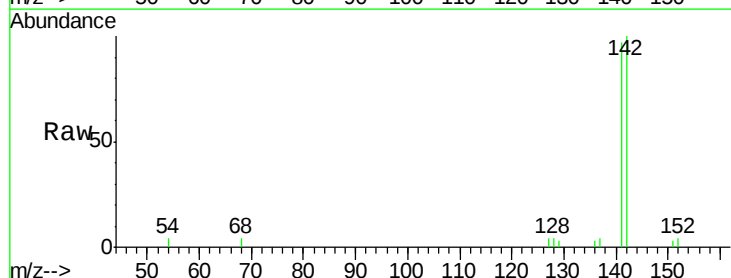
Acq: 19 Jan 2018 12:51

Tgt Ion:142 Resp: 2555

Ion Ratio Lower Upper

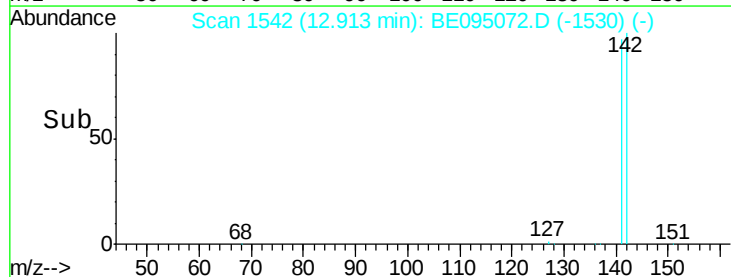
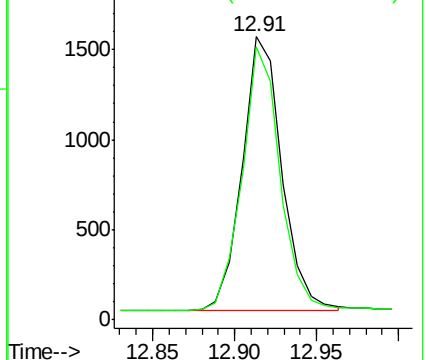
142 100

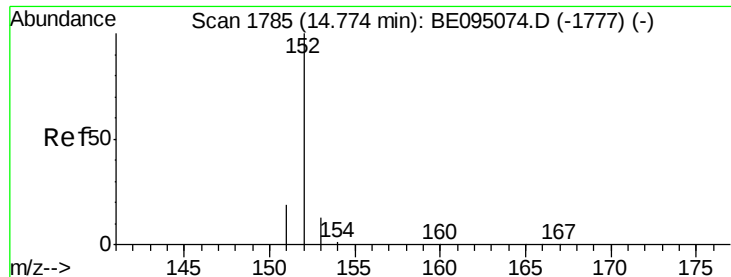
141 93.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.095 ng/ul

RT: 14.78 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

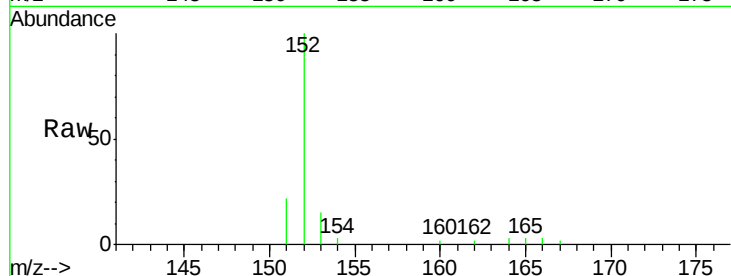
Tgt Ion:152 Resp: 3360

Ion Ratio Lower Upper

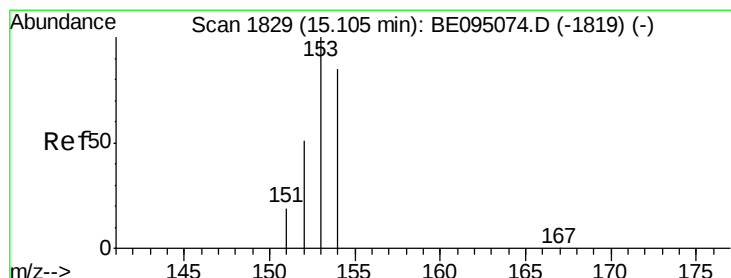
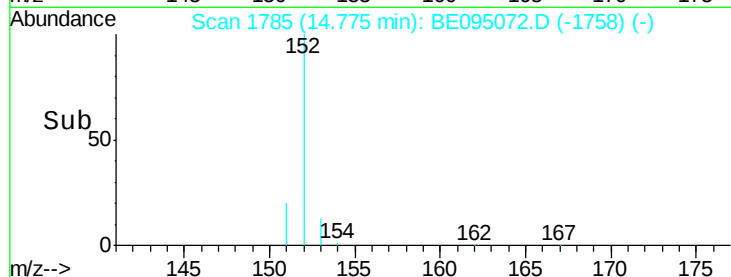
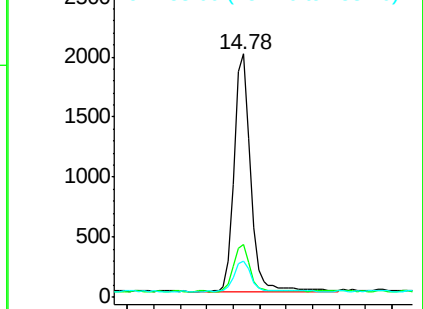
152 100

151 21.5 17.1 25.7

153 15.1 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: 0.099 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

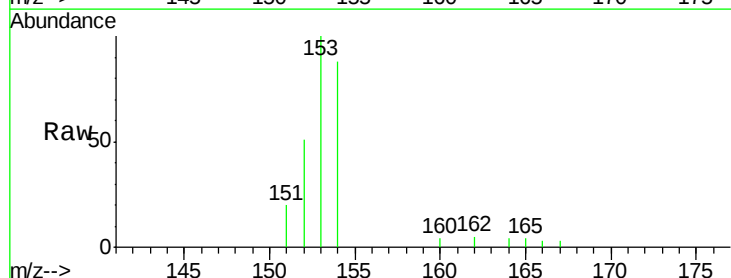
Tgt Ion:153 Resp: 2708

Ion Ratio Lower Upper

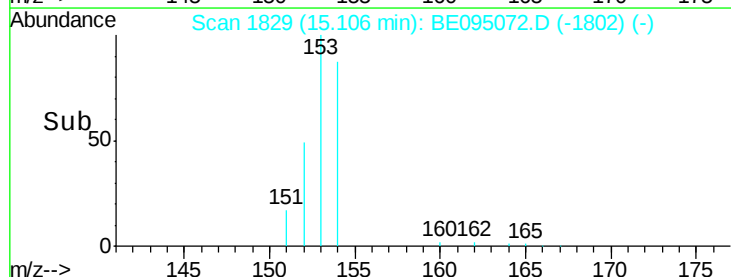
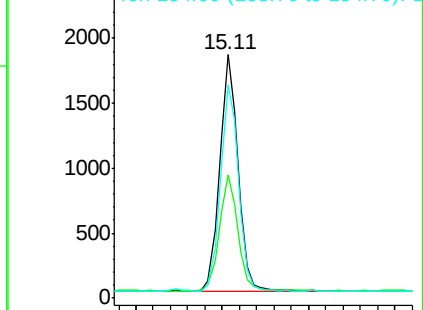
153 100

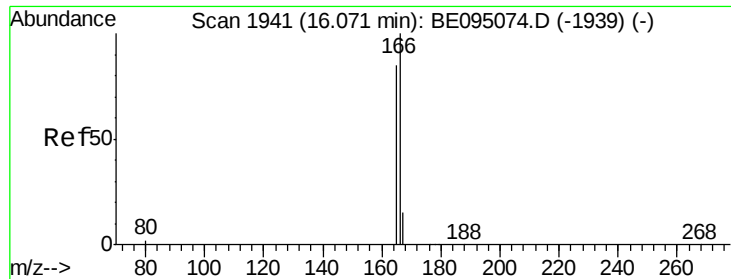
152 50.7 36.0 54.0

154 87.6 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: 0.090 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

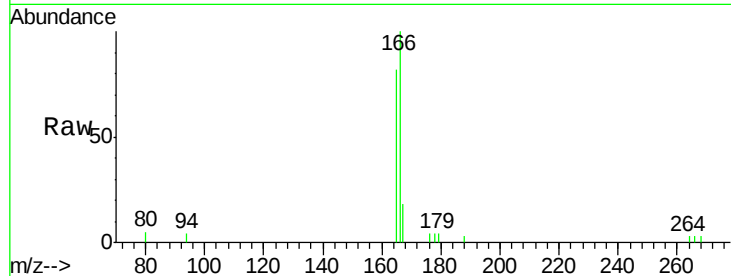
Tgt Ion:166 Resp: 2743

Ion Ratio Lower Upper

166 100

165 81.8 73.4 110.2

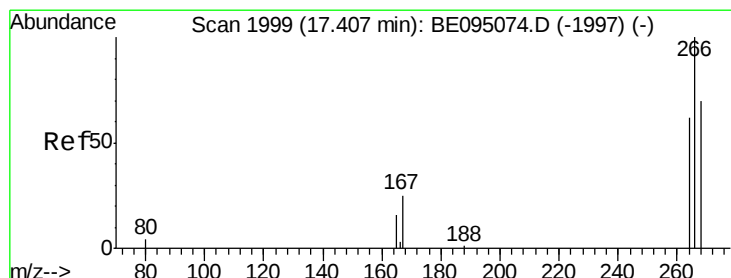
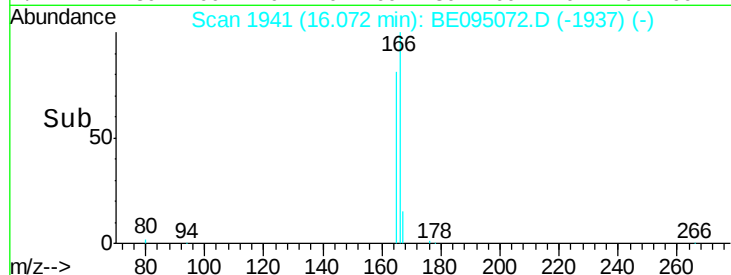
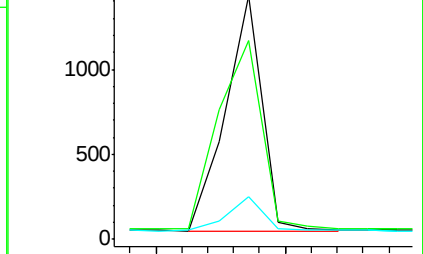
167 17.7 14.6 22.0



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: 0.040 ng/ul

RT: 17.41 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

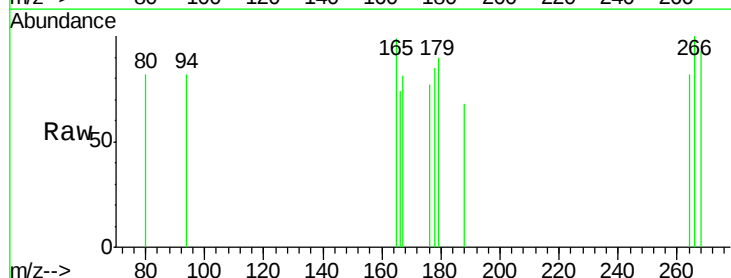
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

264 42.7 47.9 71.9#

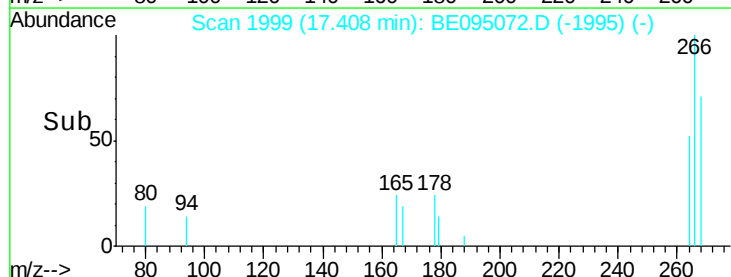
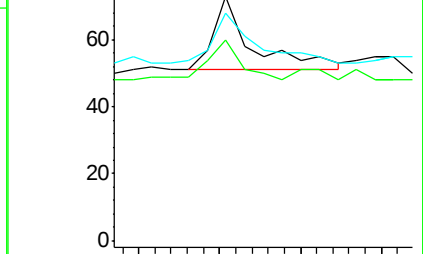
268 72.0 49.8 74.8

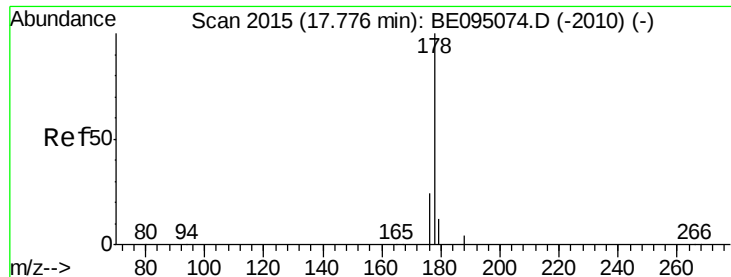


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.100 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

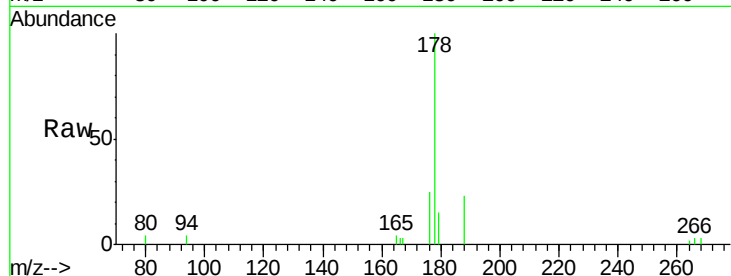
Tgt Ion:178 Resp: 4832

Ion Ratio Lower Upper

178 100

179 14.9 18.4 27.6#

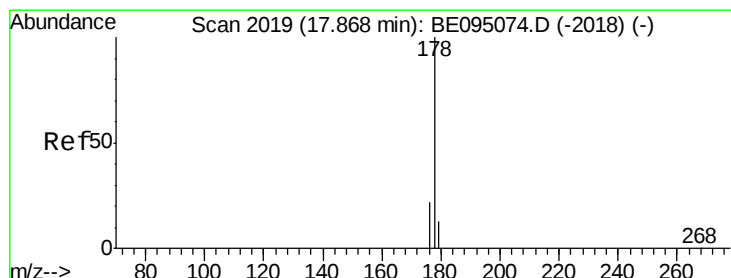
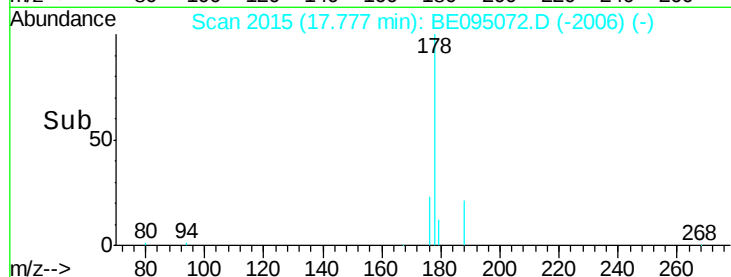
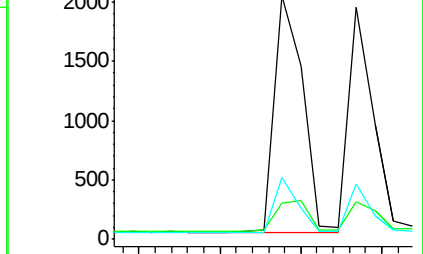
176 25.4 13.6 20.4#



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: 0.084 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

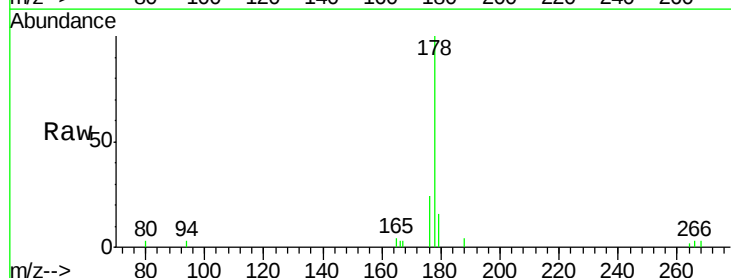
Tgt Ion:178 Resp: 3845

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

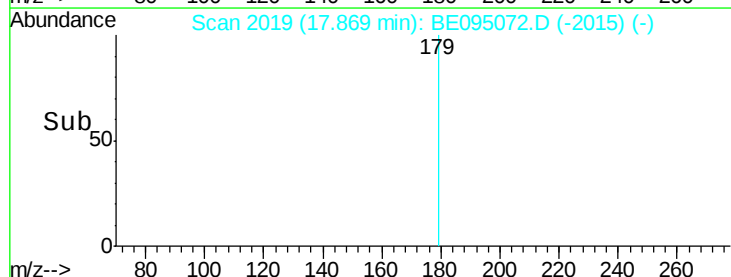
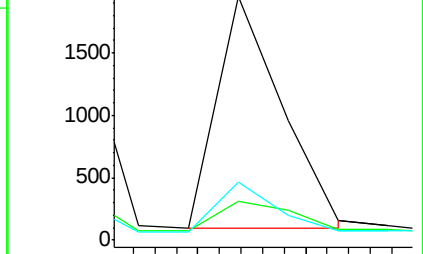
176 23.7 14.7 22.1#

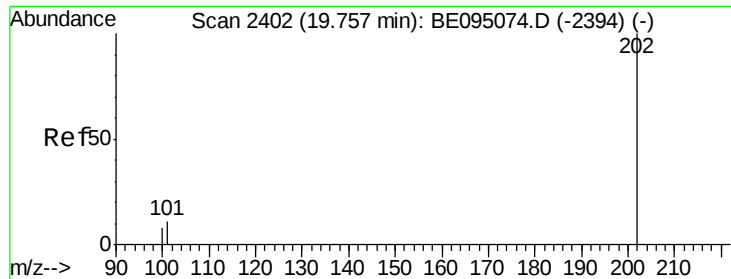


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

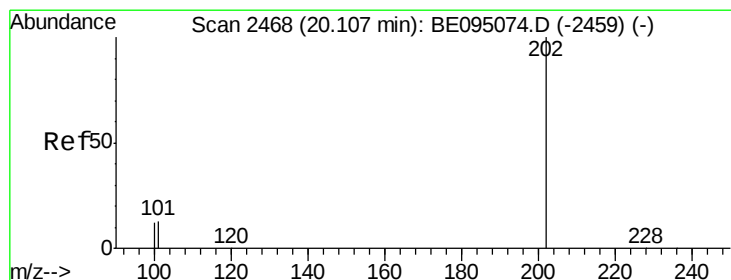
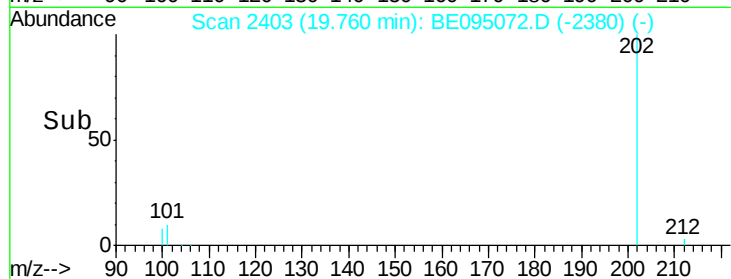
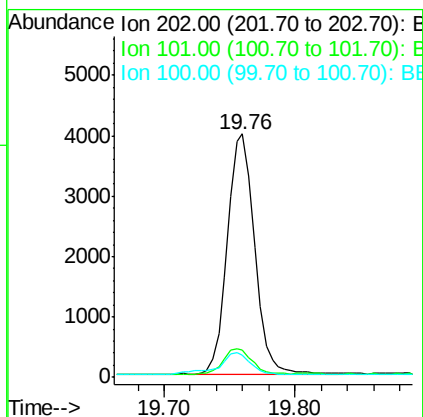
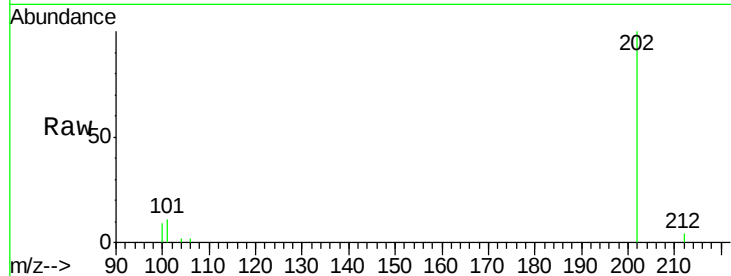




#15
Fluoranthene
 Concen: 0.091 ng/ul
 RT: 19.76 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BE095072.D
 Acq: 19 Jan 2018 12:51

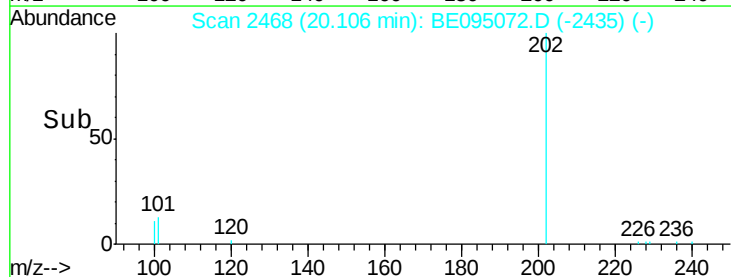
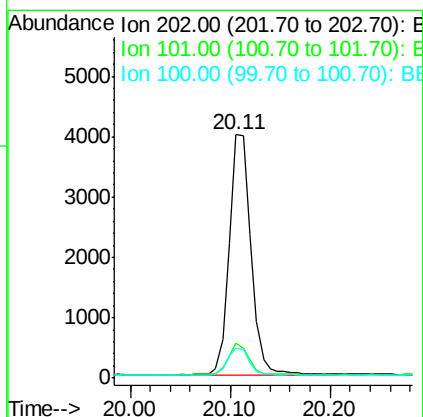
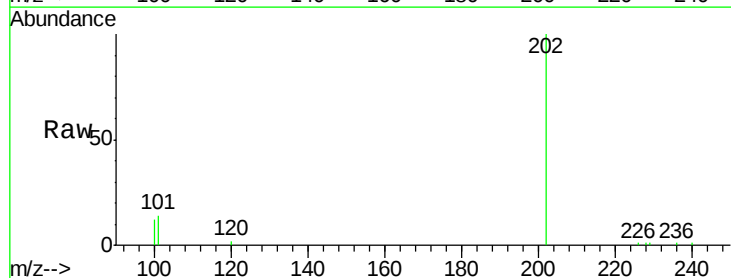
Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.101

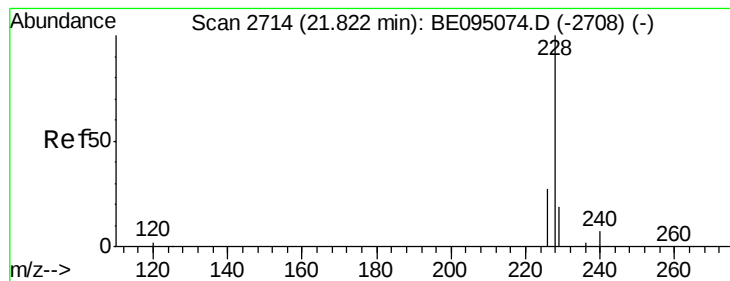
Tgt Ion:202 Resp: 5753
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.3
 100 8.9 0.0 39.5



#17
Pyrene
 Concen: 0.110 ng/ul
 RT: 20.11 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BE095072.D
 Acq: 19 Jan 2018 12:51

Tgt Ion:202 Resp: 5992
 Ion Ratio Lower Upper
 202 100
 101 14.2 18.2 27.4#
 100 12.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.095 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. -0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

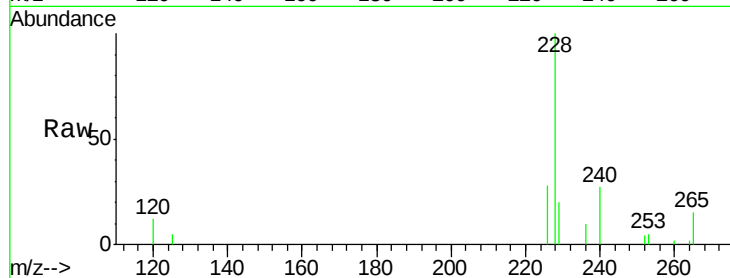
Tgt Ion:228 Resp: 4301

Ion Ratio Lower Upper

228 100

229 20.4 22.8 34.2#

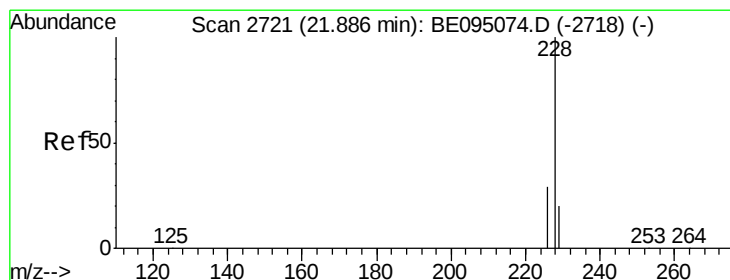
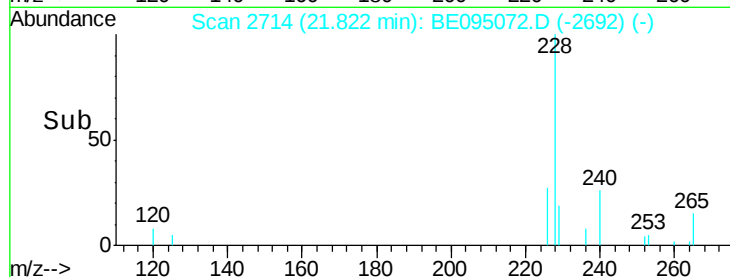
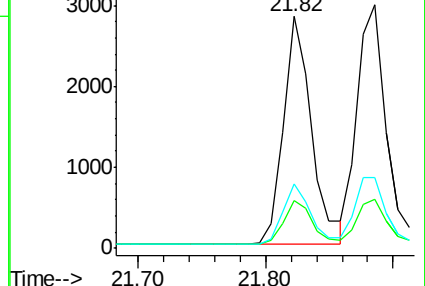
226 28.0 17.0 25.6#



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: 0.102 ng/ul

RT: 21.89 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

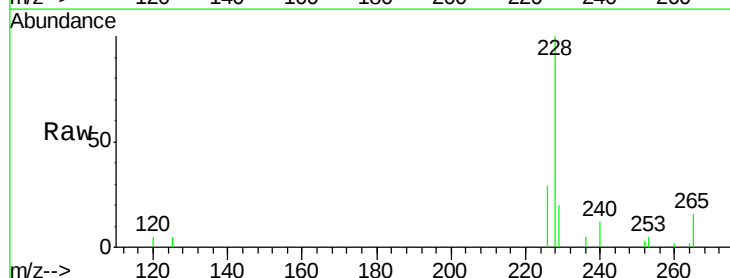
Tgt Ion:228 Resp: 4870

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

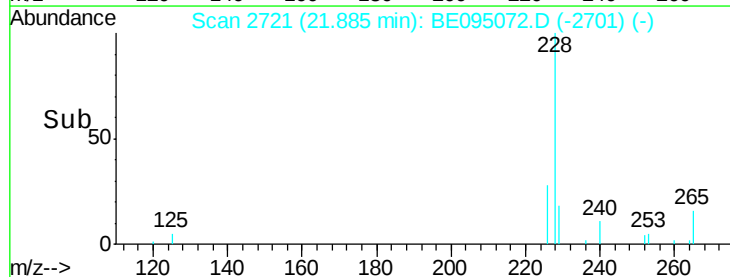
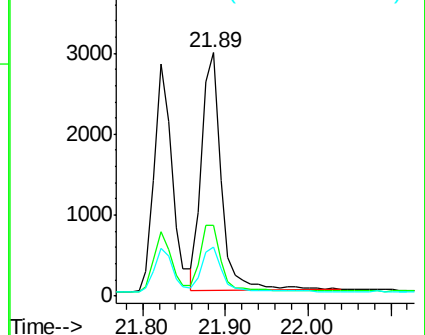
229 20.0 17.7 26.5

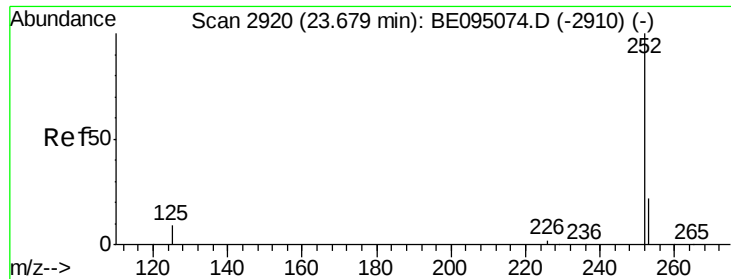


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.087 ng/ul

RT: 23.68 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

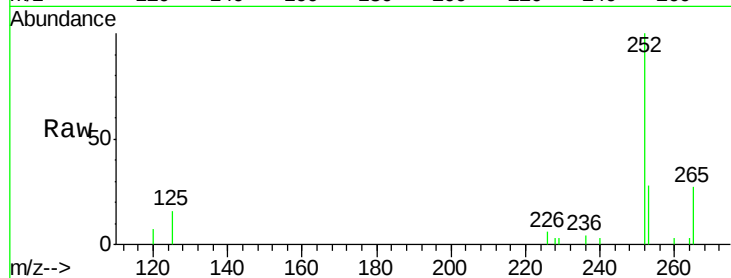
Tgt Ion:252 Resp: 4057

Ion Ratio Lower Upper

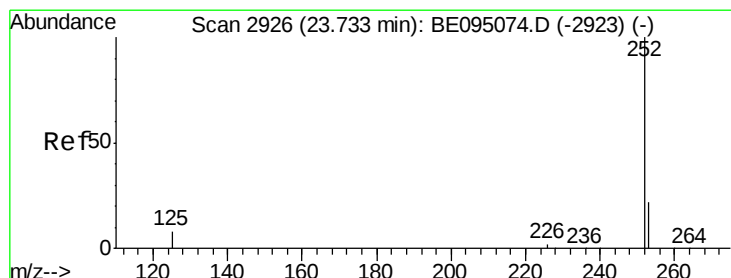
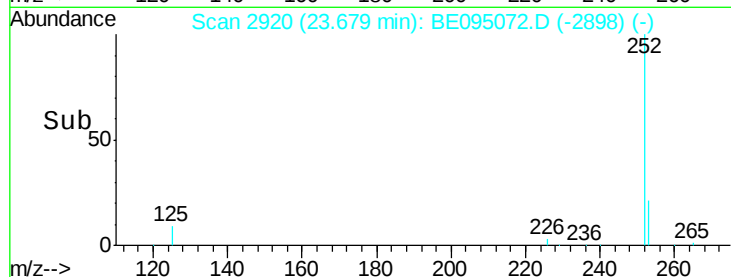
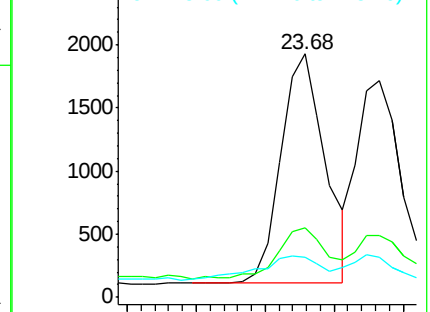
252 100

253 28.5 0.0 64.2

125 16.4 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: 0.086 ng/ul

RT: 23.73 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

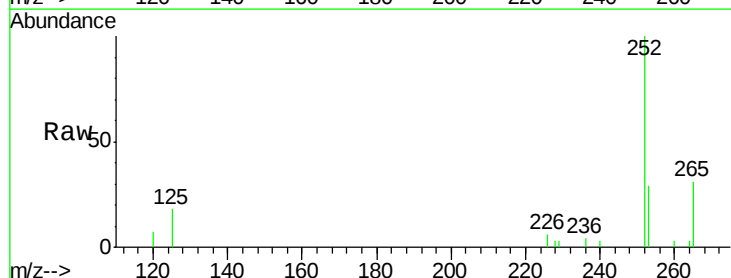
Tgt Ion:252 Resp: 3643

Ion Ratio Lower Upper

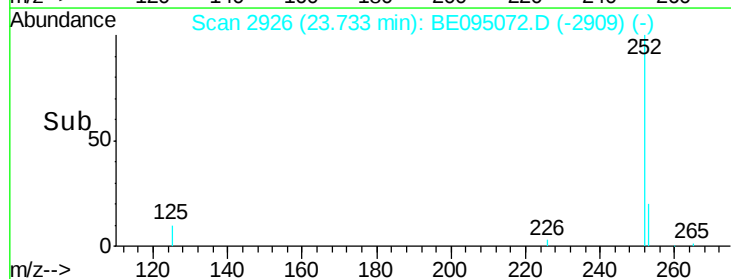
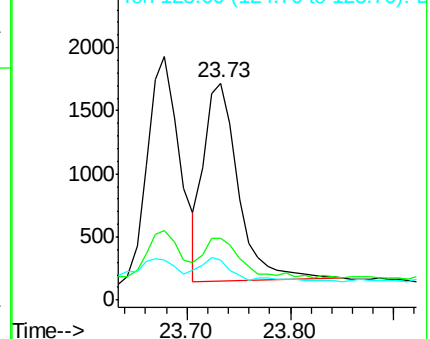
252 100

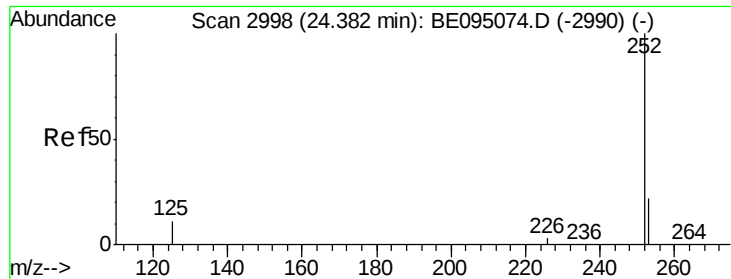
253 28.6 24.5 36.7

125 18.4 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: 0.087 ng/u1

RT: 24.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

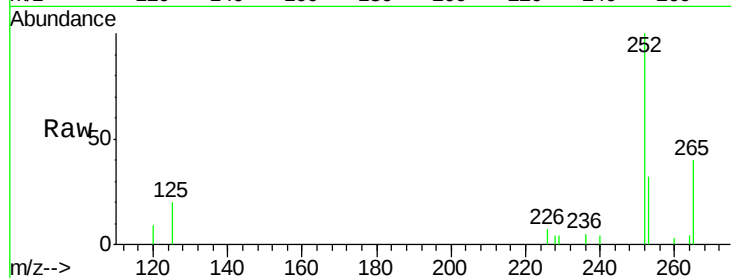
Tgt Ion:252 Resp: 3474

Ion Ratio Lower Upper

252 100

253 31.9 28.5 42.7

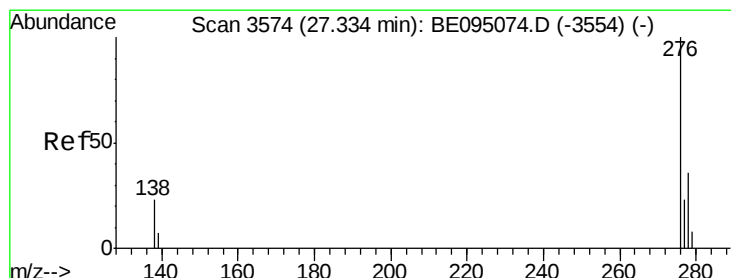
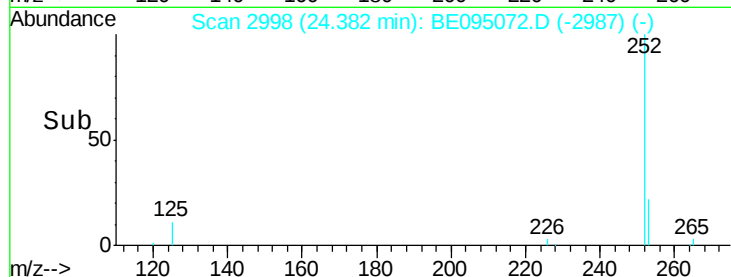
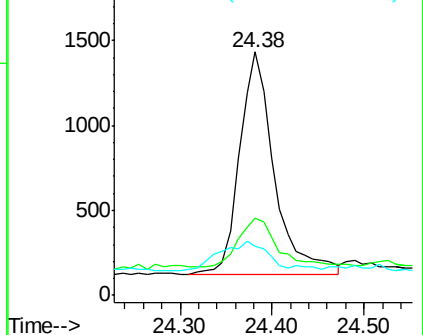
125 20.2 18.1 27.1



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: 0.062 ng/u1

RT: 27.33 min Scan# 3574

Delta R.T. 0.00 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

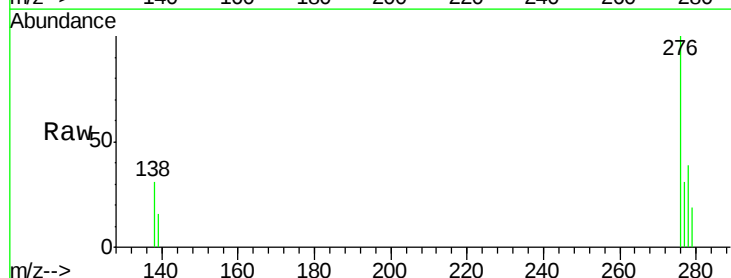
Tgt Ion:276 Resp: 2731

Ion Ratio Lower Upper

276 100

138 23.7 28.0 42.0#

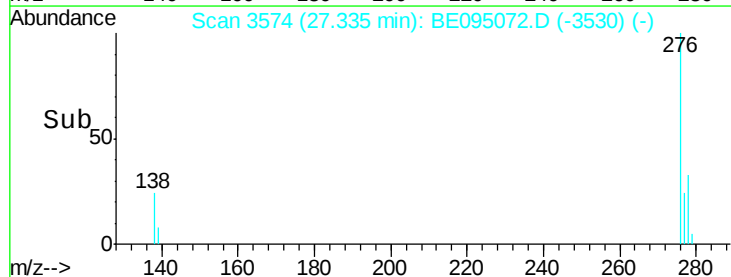
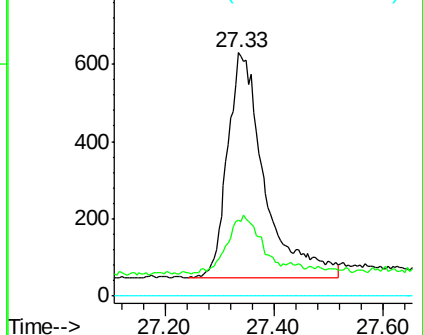
227 0.0 8.0 12.0#

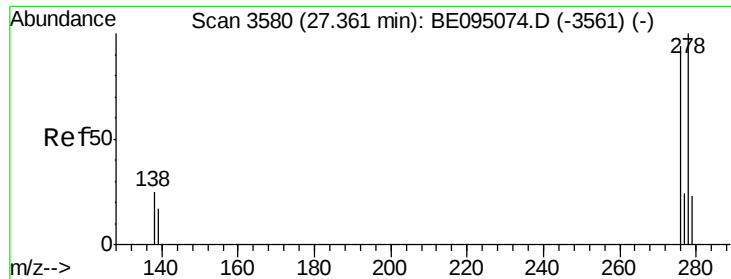


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.049 ng/ul

RT: 27.37 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.101

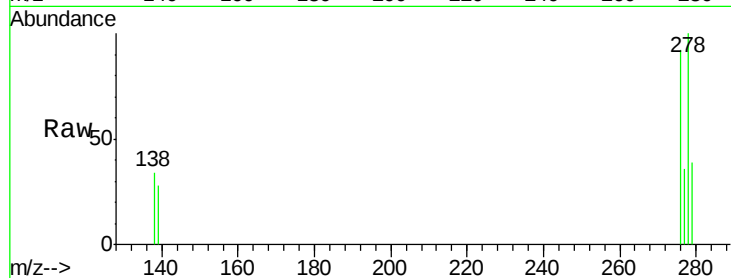
Tgt Ion:278 Resp: 1751

Ion Ratio Lower Upper

278 100

139 27.7 17.4 26.0#

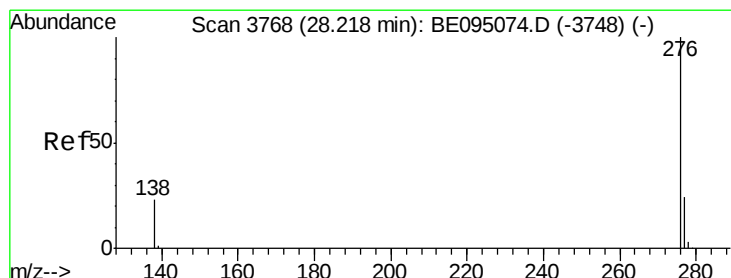
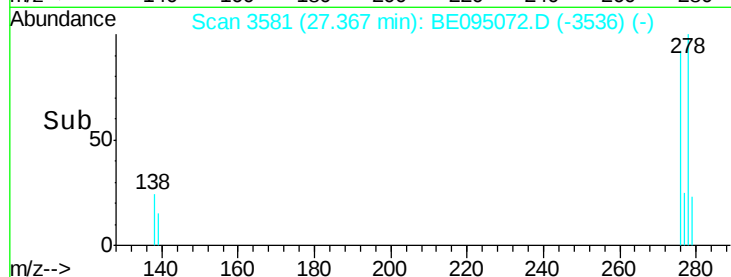
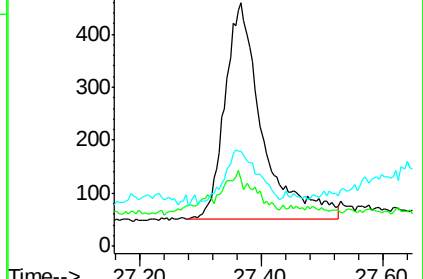
279 39.0 25.9 38.9#



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: 0.080 ng/ul

RT: 28.23 min Scan# 3770

Delta R.T. 0.01 min

Lab File: BE095072.D

Acq: 19 Jan 2018 12:51

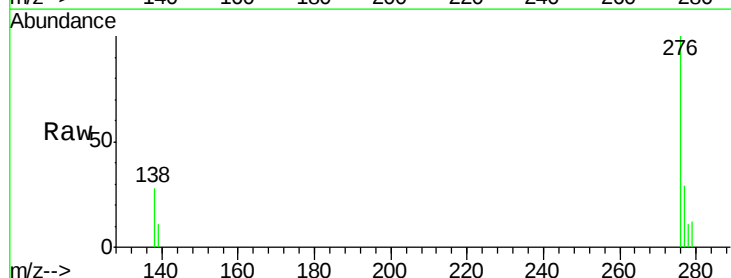
Tgt Ion:276 Resp: 3059

Ion Ratio Lower Upper

276 100

138 28.1 21.8 32.8

277 28.9 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

