

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
 Data File : BE095073.D
 Acq On : 19 Jan 2018 13:26
 Operator : SJ/JU
 Sample : SST00.202
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST00.202

Quant Time: Jan 19 15:22:37 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

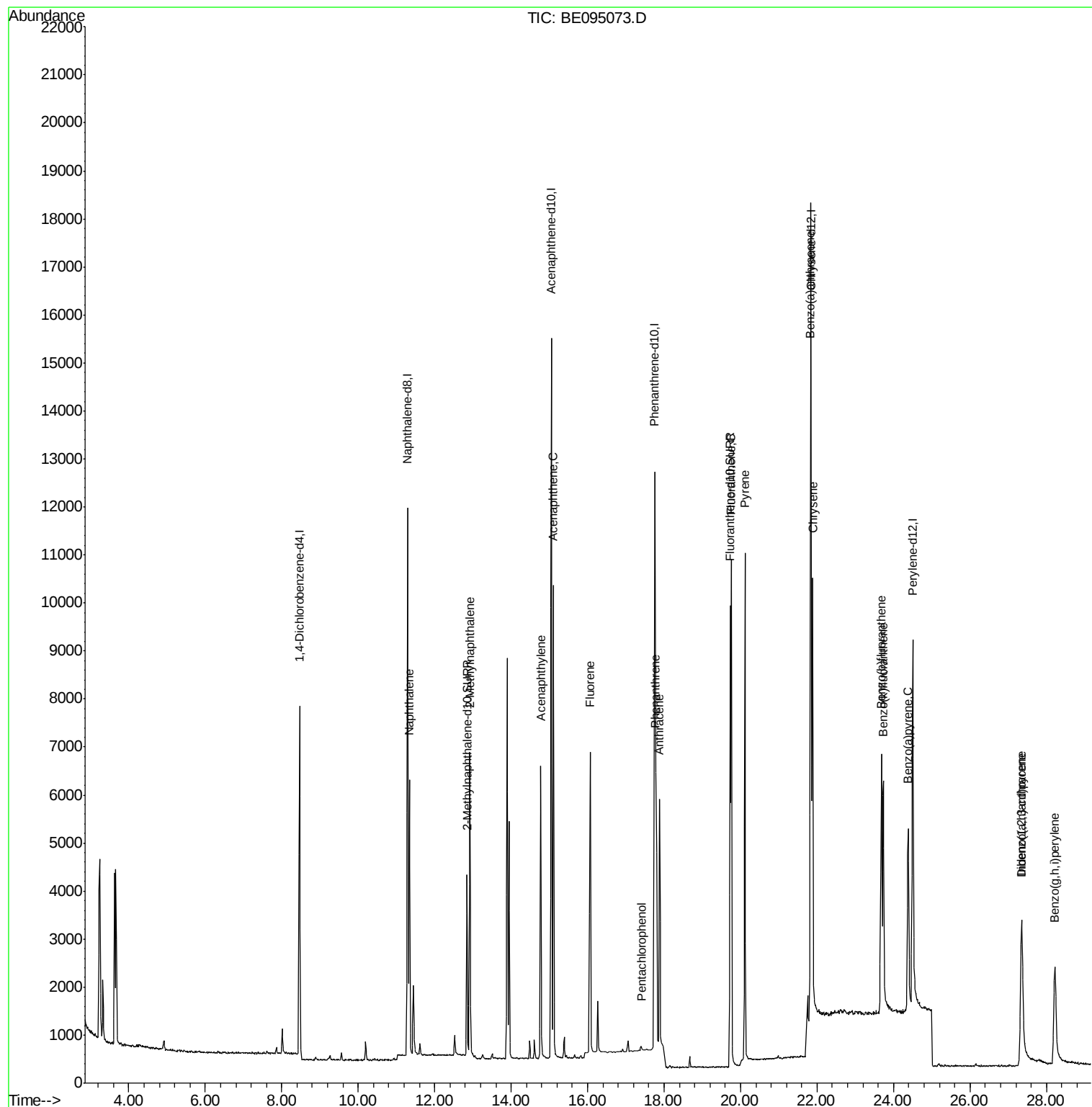
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4813	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	15406	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	8411	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	19252	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	16507	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	13656	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	4937	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	11236	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.34	128	7989	0.195	ng/ul#	87
5) 2-Methylnaphthalene	12.91	142	5494	0.173	ng/ul	100
7) Acenaphthylene	14.77	152	7252	0.189	ng/ul	96
8) Acenaphthene	15.11	153	5695	0.193	ng/ul	92
9) Fluorene	16.07	166	5939	0.181	ng/ul	92
11) Pentachlorophenol	17.41	266	152	0.078	ng/ul#	81
12) Phenanthrene	17.78	178	9889	0.195	ng/ul#	81
13) Anthracene	17.87	178	7997	0.166	ng/ul#	86
15) Fluoranthene	19.76	202	12062	0.183	ng/ul	85
17) Pyrene	20.11	202	12318	0.215	ng/ul#	80
18) Benzo(a)anthracene	21.82	228	8824	0.186	ng/ul#	84
19) Chrysene	21.89	228	10177	0.202	ng/ul	98
21) Benzo(b)fluoranthene	23.68	252	8914	0.187	ng/ul	88
22) Benzo(k)fluoranthene	23.73	252	7950	0.183	ng/ul#	91
23) Benzo(a)pyrene	24.38	252	7377	0.180	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.34	276	6213	0.138	ng/ul#	82
25) Dibenzo(a,h)anthracene	27.37	278	4242	0.117	ng/ul	98
26) Benzo(g,h,i)perylene	28.22	276	6409	0.164	ng/ul	96

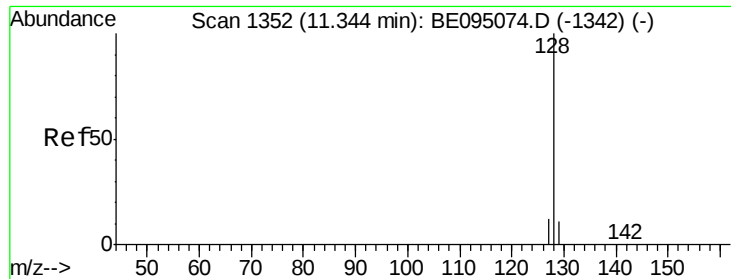
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.195 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

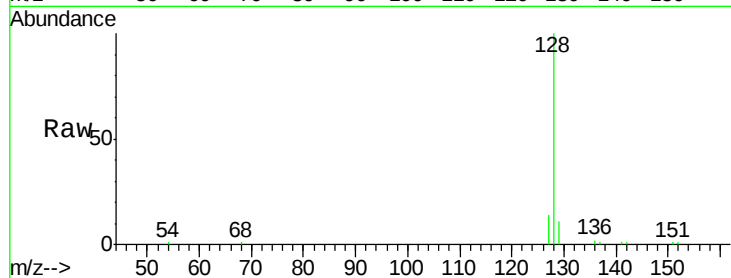
Tgt Ion:128 Resp: 7989

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

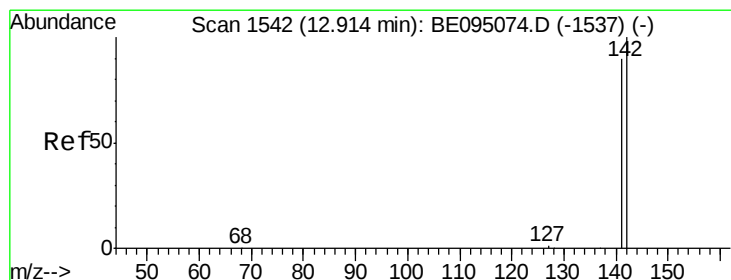
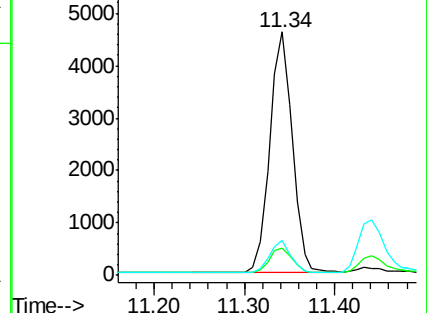
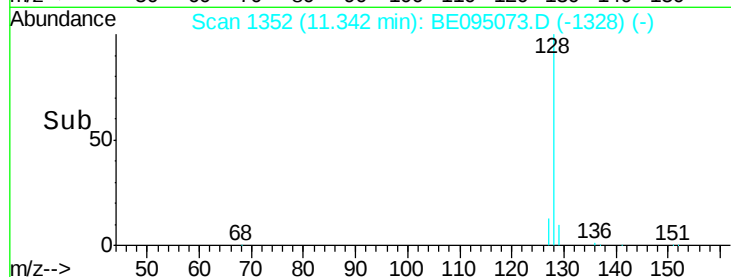
127 14.3 4.0 6.0#



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: 0.173 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095073.D

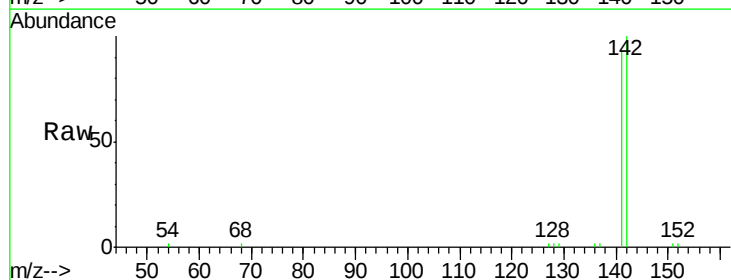
Acq: 19 Jan 2018 13:26

Tgt Ion:142 Resp: 5494

Ion Ratio Lower Upper

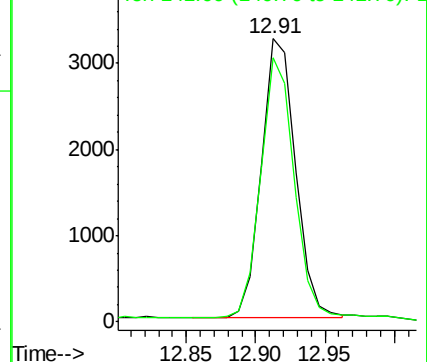
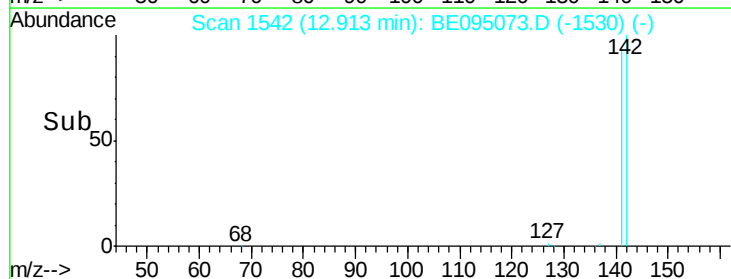
142 100

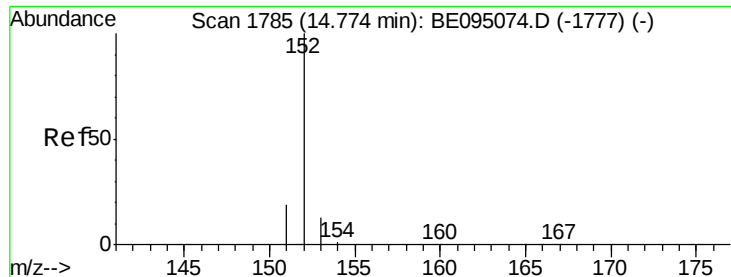
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.189 ng/ul

RT: 14.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

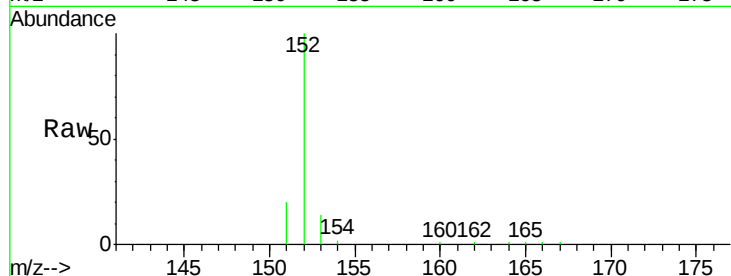
Tgt Ion:152 Resp: 7252

Ion Ratio Lower Upper

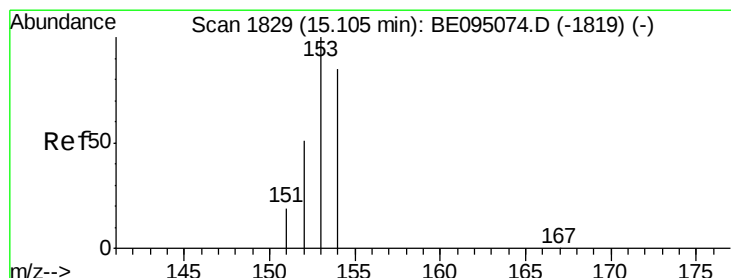
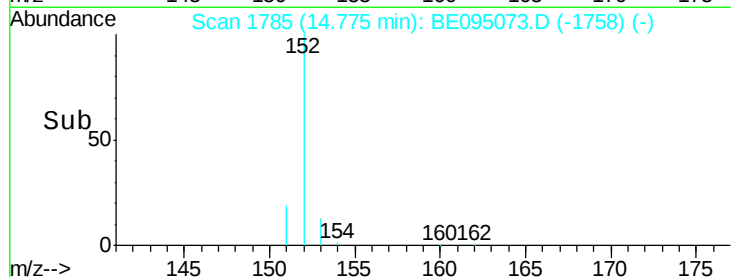
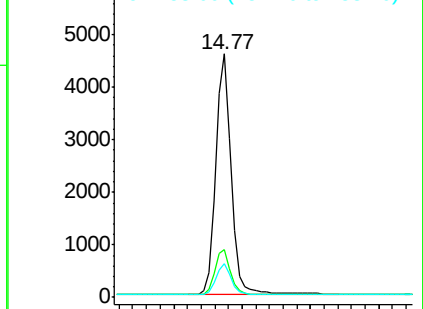
152 100

151 19.8 17.1 25.7

153 14.1 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: 0.193 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

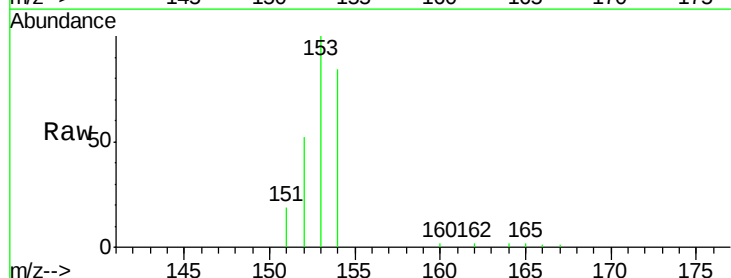
Tgt Ion:153 Resp: 5695

Ion Ratio Lower Upper

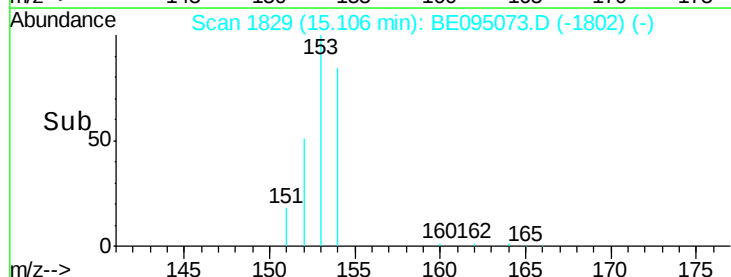
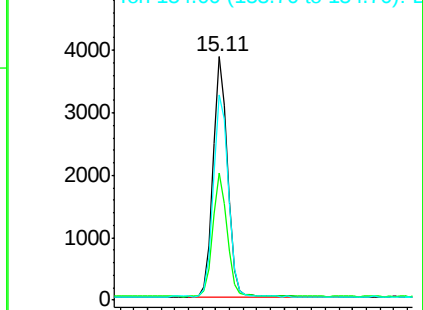
153 100

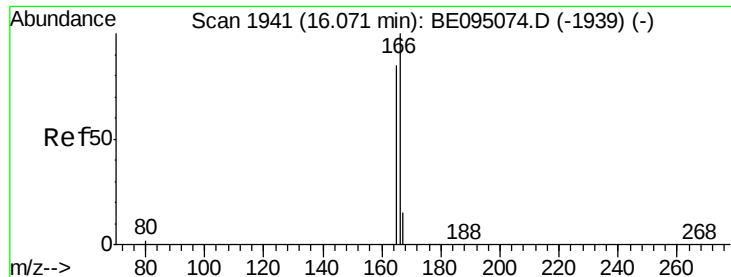
152 52.4 36.0 54.0

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: 0.181 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

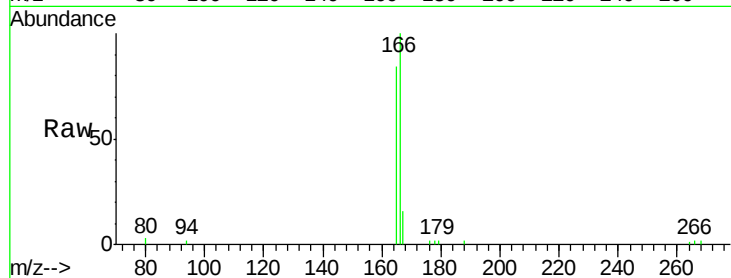
Tgt Ion:166 Resp: 5939

Ion Ratio Lower Upper

166 100

165 83.8 73.4 110.2

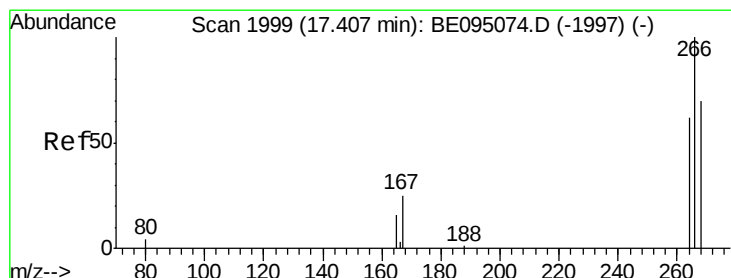
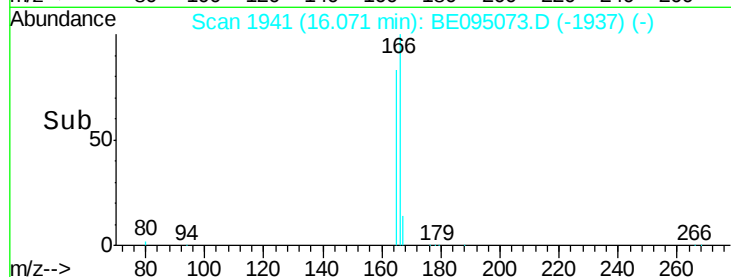
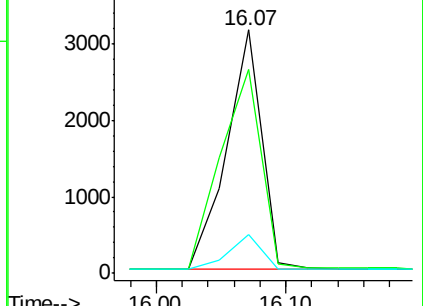
167 15.8 14.6 22.0



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: 0.078 ng/ul

RT: 17.41 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

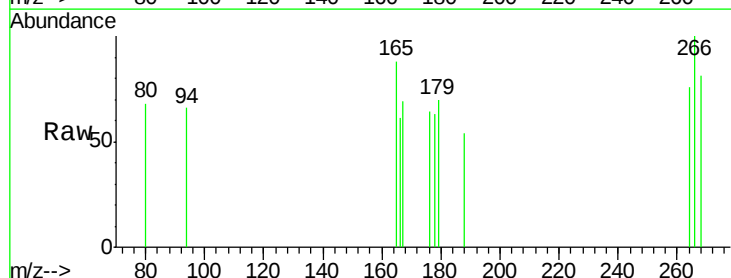
Tgt Ion:266 Resp: 152

Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

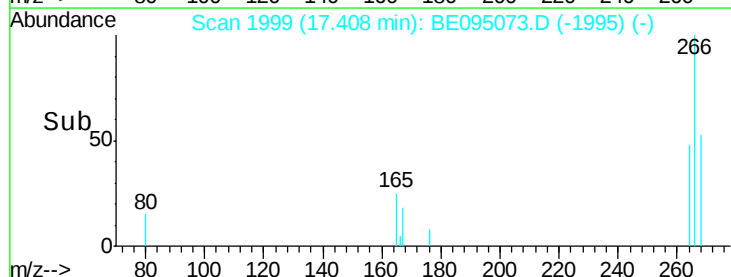
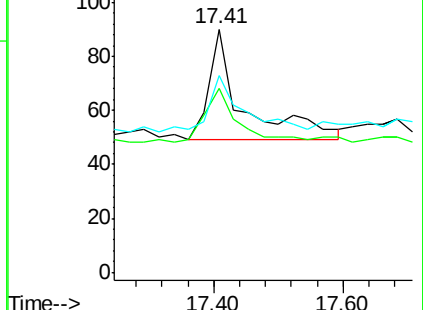
268 42.8 49.8 74.8#

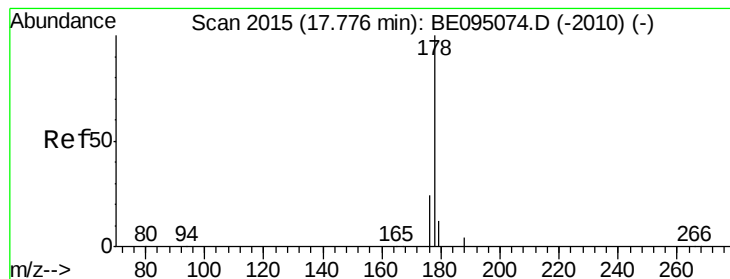


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.195 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

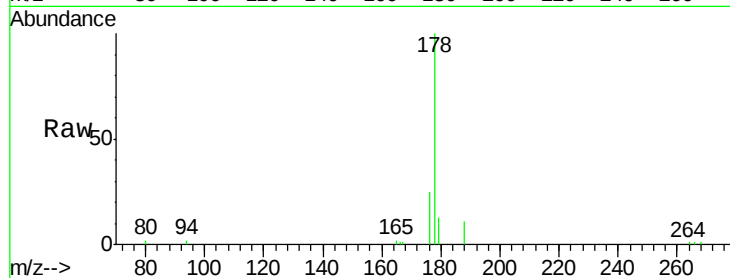
Tgt Ion:178 Resp: 9889

Ion Ratio Lower Upper

178 100

179 13.3 18.4 27.6#

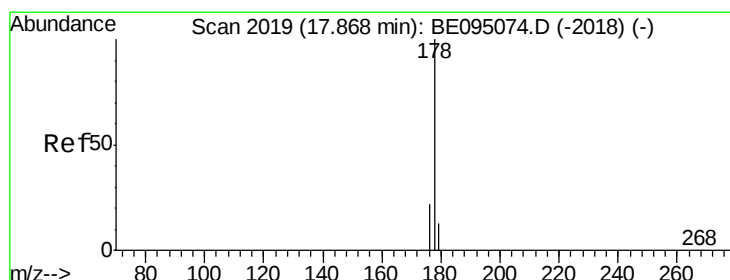
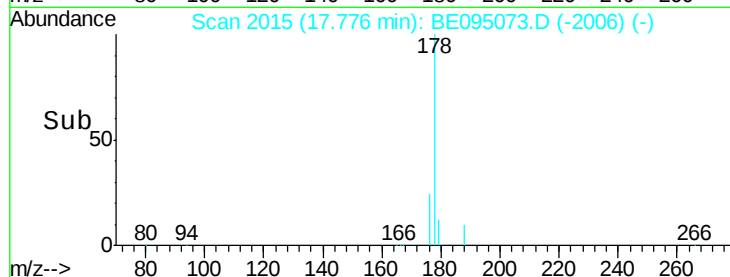
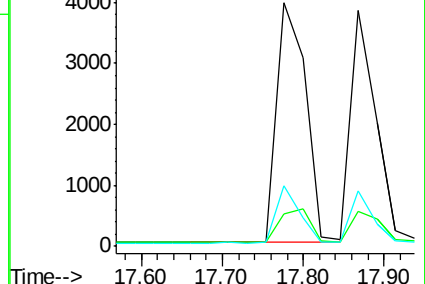
176 24.9 13.6 20.4#



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: 0.166 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

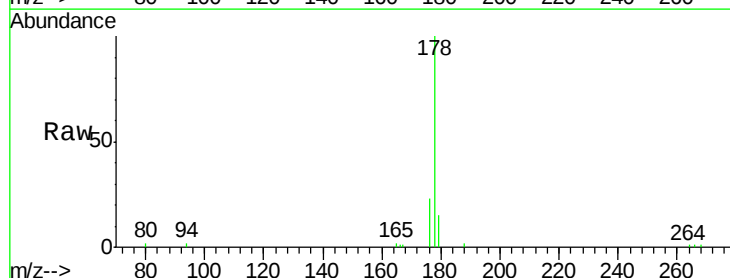
Tgt Ion:178 Resp: 7997

Ion Ratio Lower Upper

178 100

179 14.8 18.1 27.1#

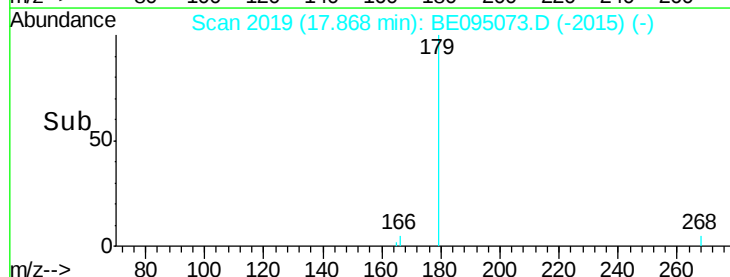
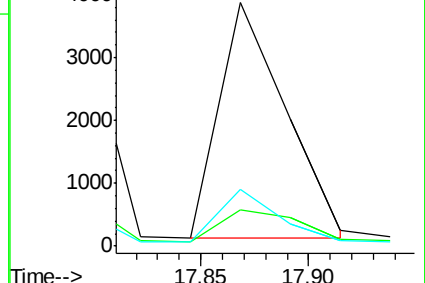
176 23.3 14.7 22.1#

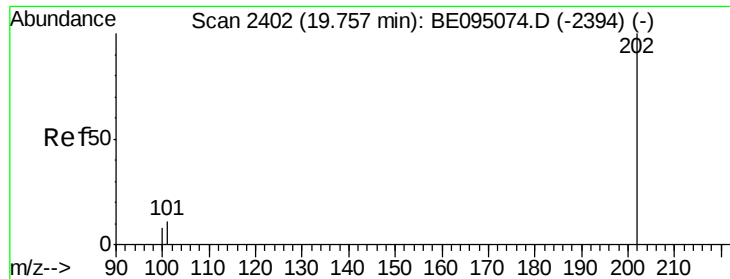


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.183 ng/ul

RT: 19.76 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

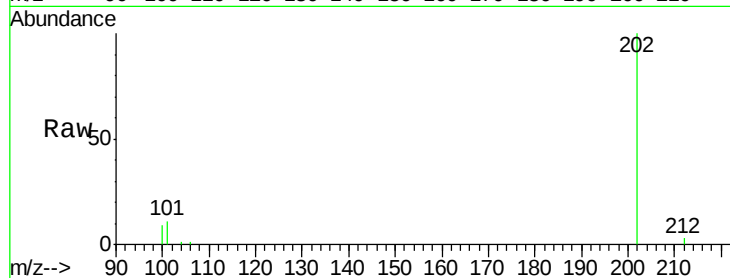
Tgt Ion:202 Resp: 12062

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.3

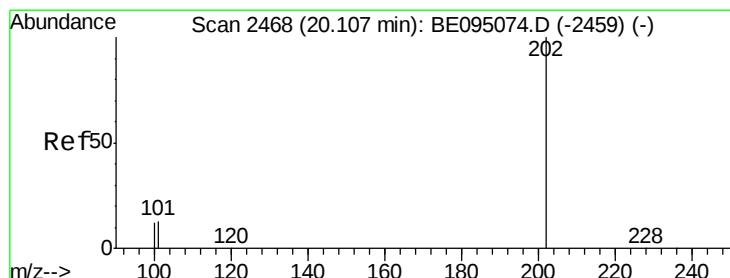
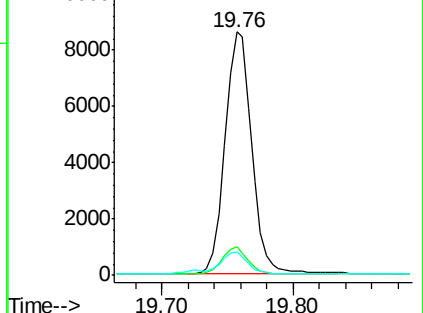
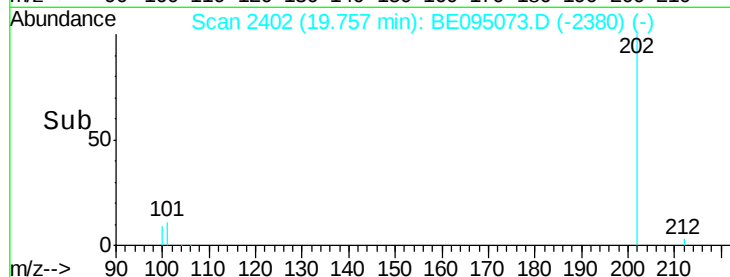
100 9.5 0.0 39.5



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: 0.215 ng/ul

RT: 20.11 min Scan# 2469

Delta R.T. 0.01 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

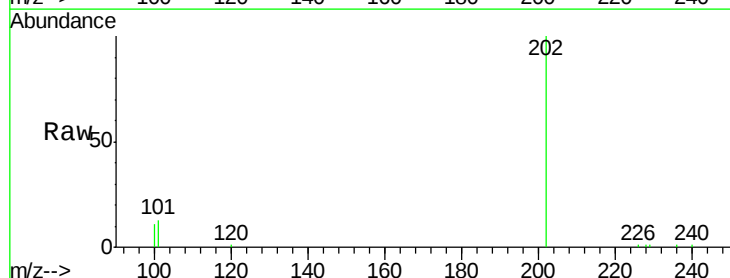
Tgt Ion:202 Resp: 12318

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

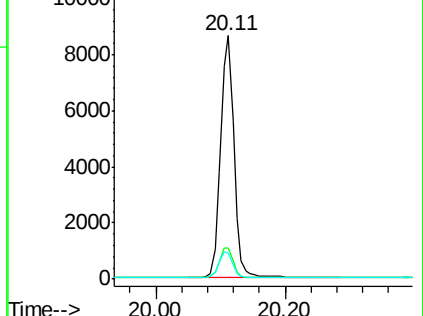
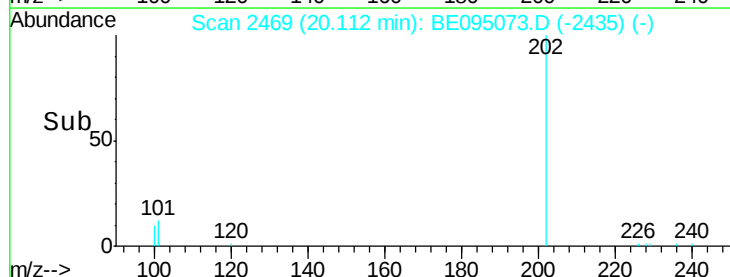
100 10.6 15.6 23.4#

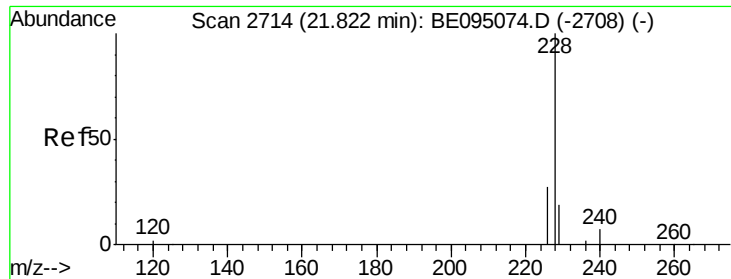


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.186 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

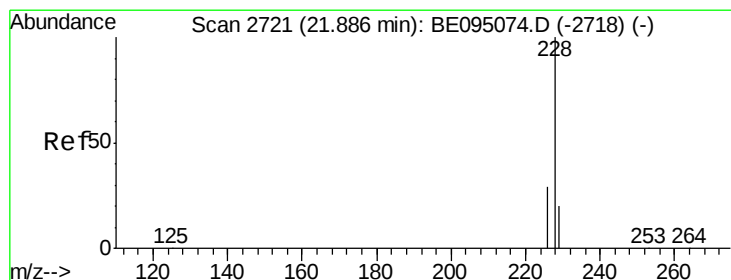
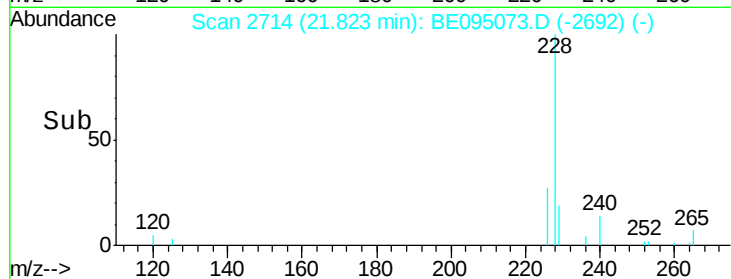
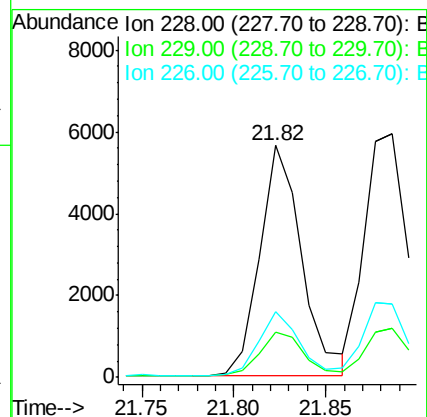
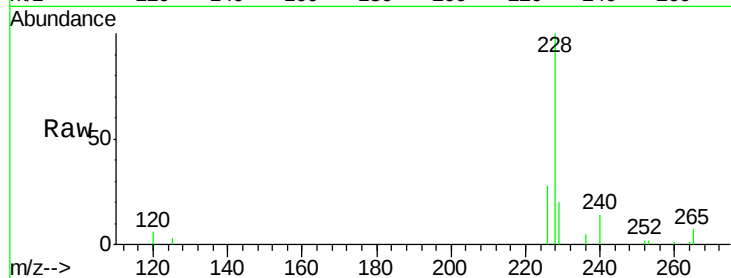
Tgt Ion:228 Resp: 8824

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

226 28.1 17.0 25.6#



#19

Chrysene

Concen: 0.202 ng/ul

RT: 21.89 min Scan# 2721

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

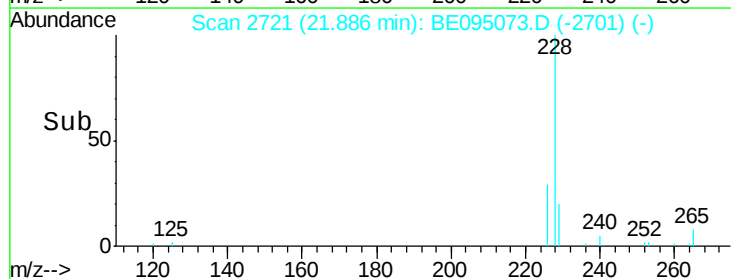
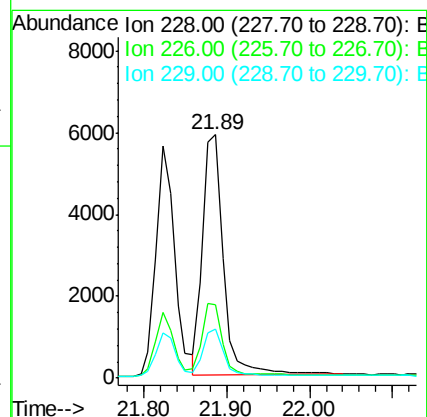
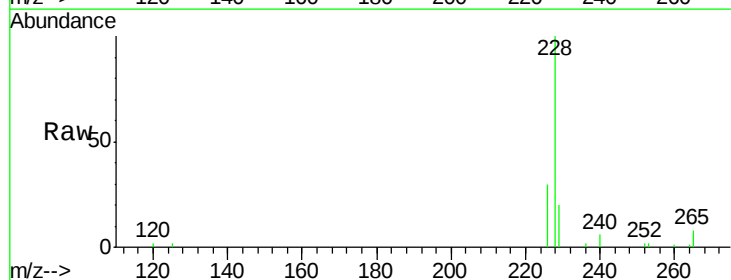
Tgt Ion:228 Resp: 10177

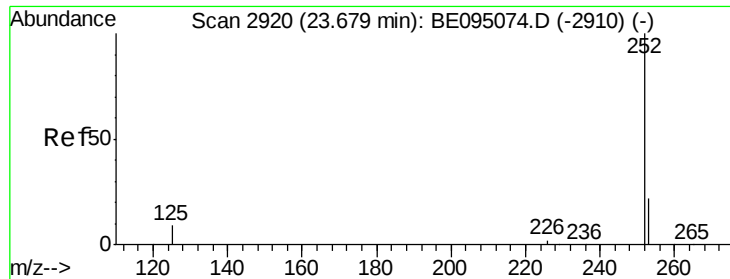
Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 20.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.187 ng/ul

RT: 23.68 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

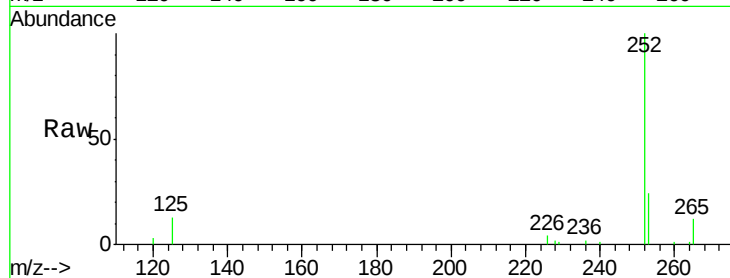
Tgt Ion:252 Resp: 8914

Ion Ratio Lower Upper

252 100

253 24.4 0.0 64.2

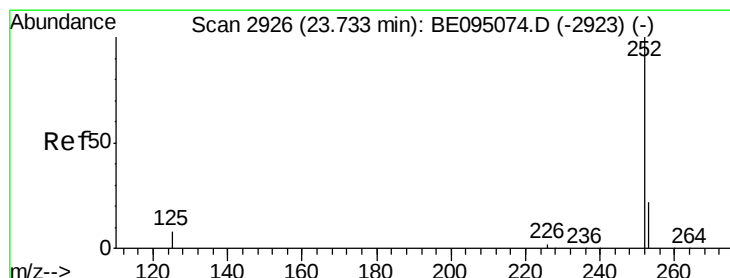
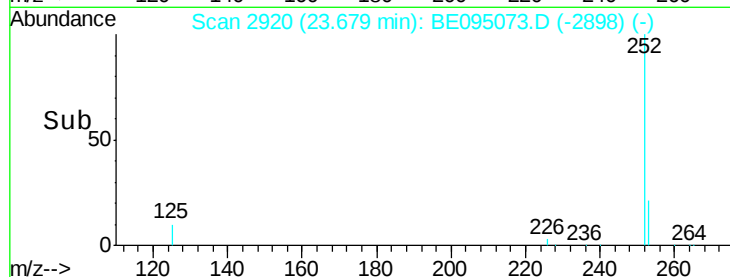
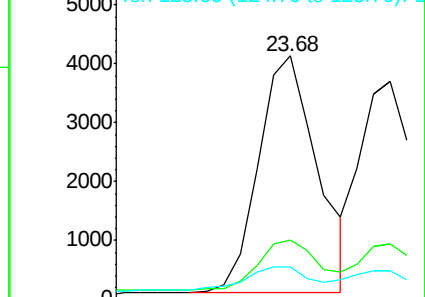
125 13.3 0.0 35.0



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: 0.183 ng/ul

RT: 23.73 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

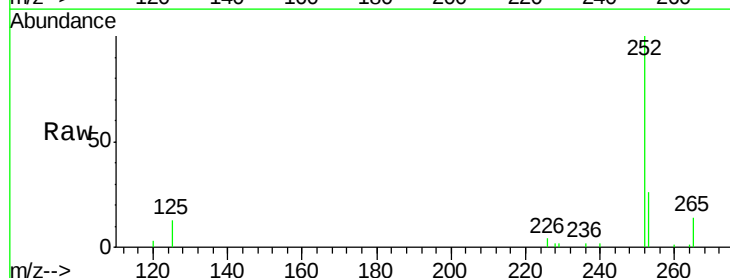
Tgt Ion:252 Resp: 7950

Ion Ratio Lower Upper

252 100

253 25.6 24.5 36.7

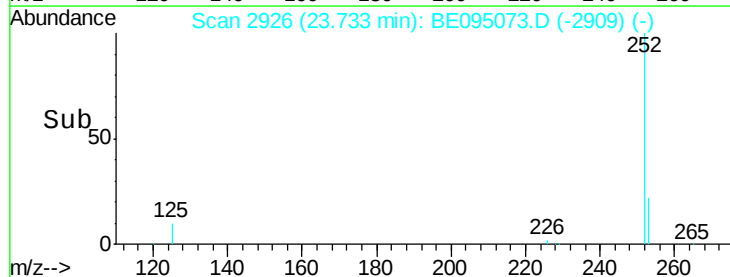
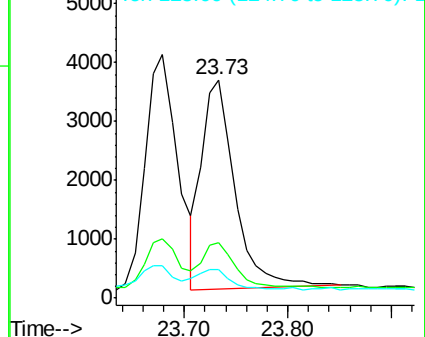
125 13.1 13.7 20.5#

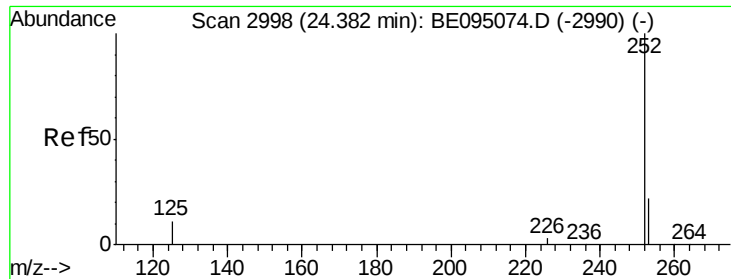


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.180 ng/u1

RT: 24.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

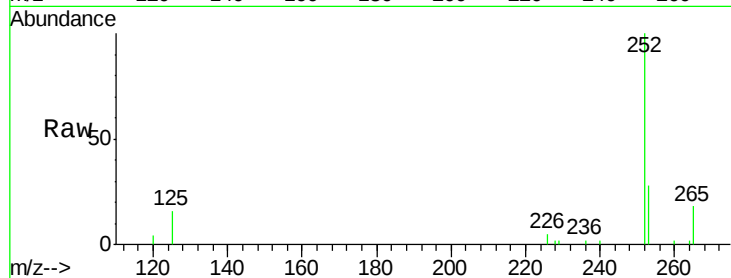
Tgt Ion:252 Resp: 7377

Ion Ratio Lower Upper

252 100

253 27.7 28.5 42.7#

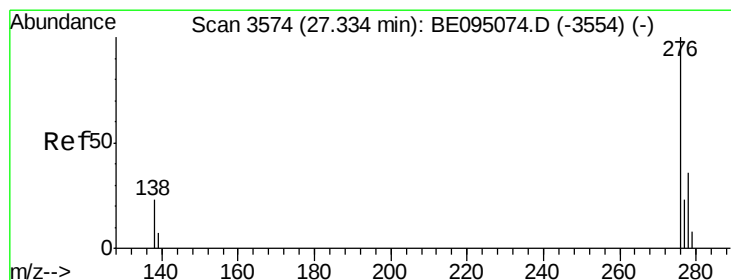
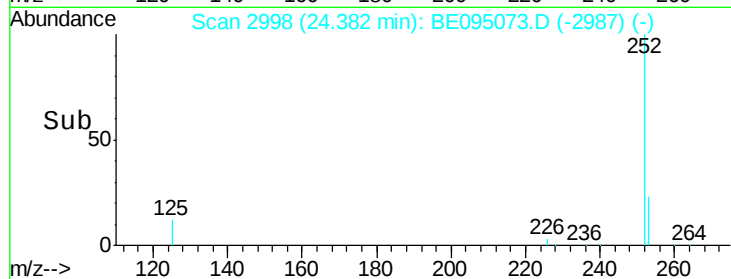
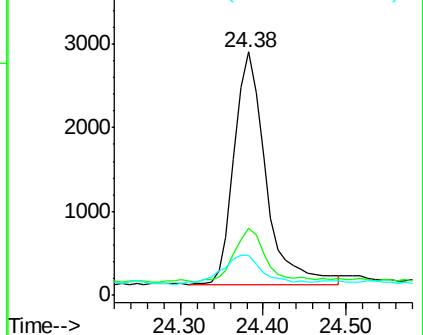
125 16.3 18.1 27.1#



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: 0.138 ng/u1

RT: 27.34 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

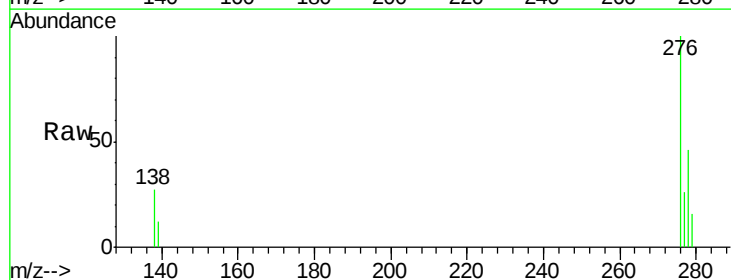
Tgt Ion:276 Resp: 6213

Ion Ratio Lower Upper

276 100

138 26.3 28.0 42.0#

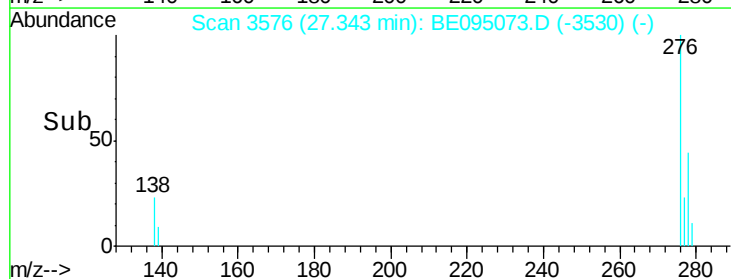
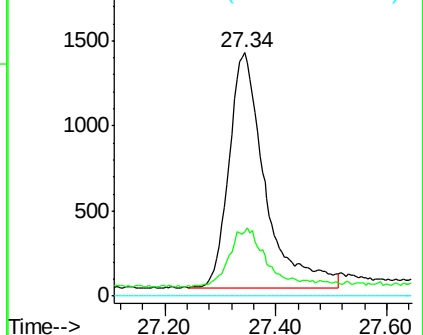
227 0.0 8.0 12.0#

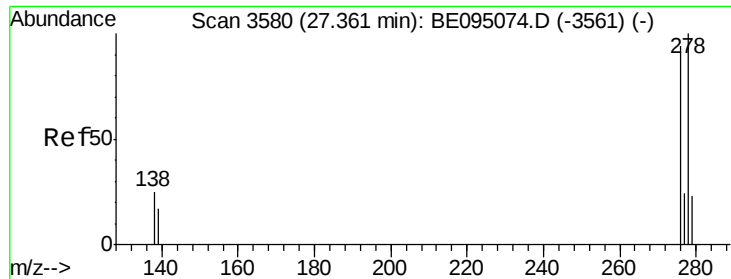


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.117 ng/ul

RT: 27.37 min Scan# 3581

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.202

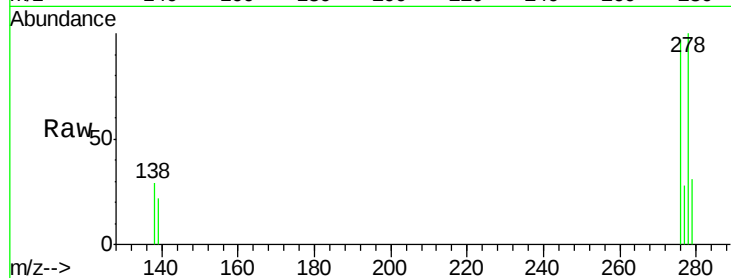
Tgt Ion: 278 Resp: 4242

Ion Ratio Lower Upper

278 100

139 22.0 17.4 26.0

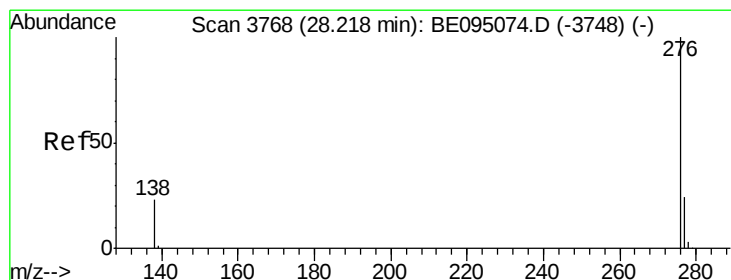
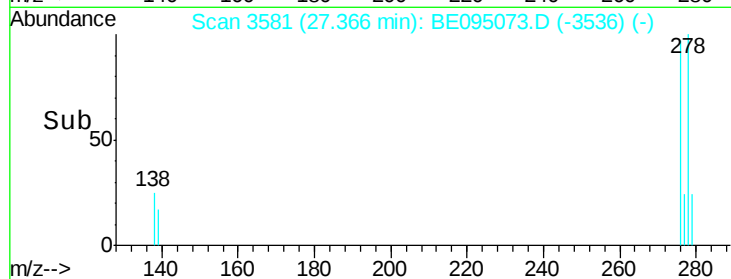
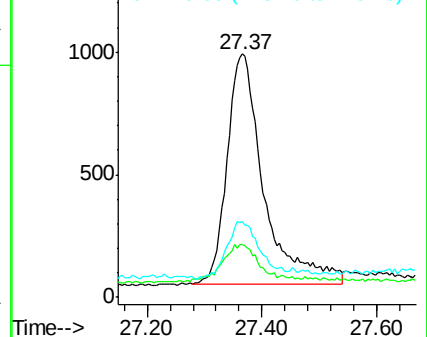
279 31.0 25.9 38.9



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: 0.164 ng/ul

RT: 28.22 min Scan# 3769

Delta R.T. 0.00 min

Lab File: BE095073.D

Acq: 19 Jan 2018 13:26

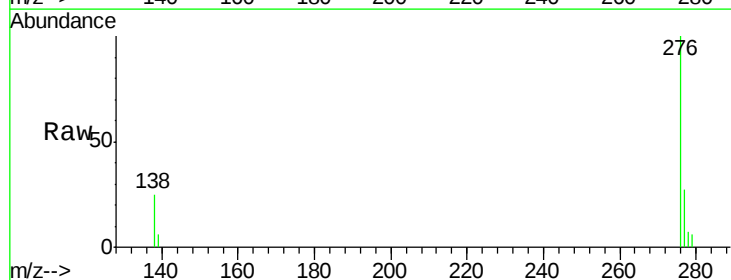
Tgt Ion: 276 Resp: 6409

Ion Ratio Lower Upper

276 100

138 25.0 21.8 32.8

277 27.4 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

