

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095194.D
 Acq On : 28 Jan 2018 7:27
 Operator : SJ/JU
 Sample : J1220-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 00:16:53 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 Jan 29 00:15:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3650	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	12320	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7776	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	16764	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	17809	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	18790	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4146	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11990	0.19	ng/ul	0.00

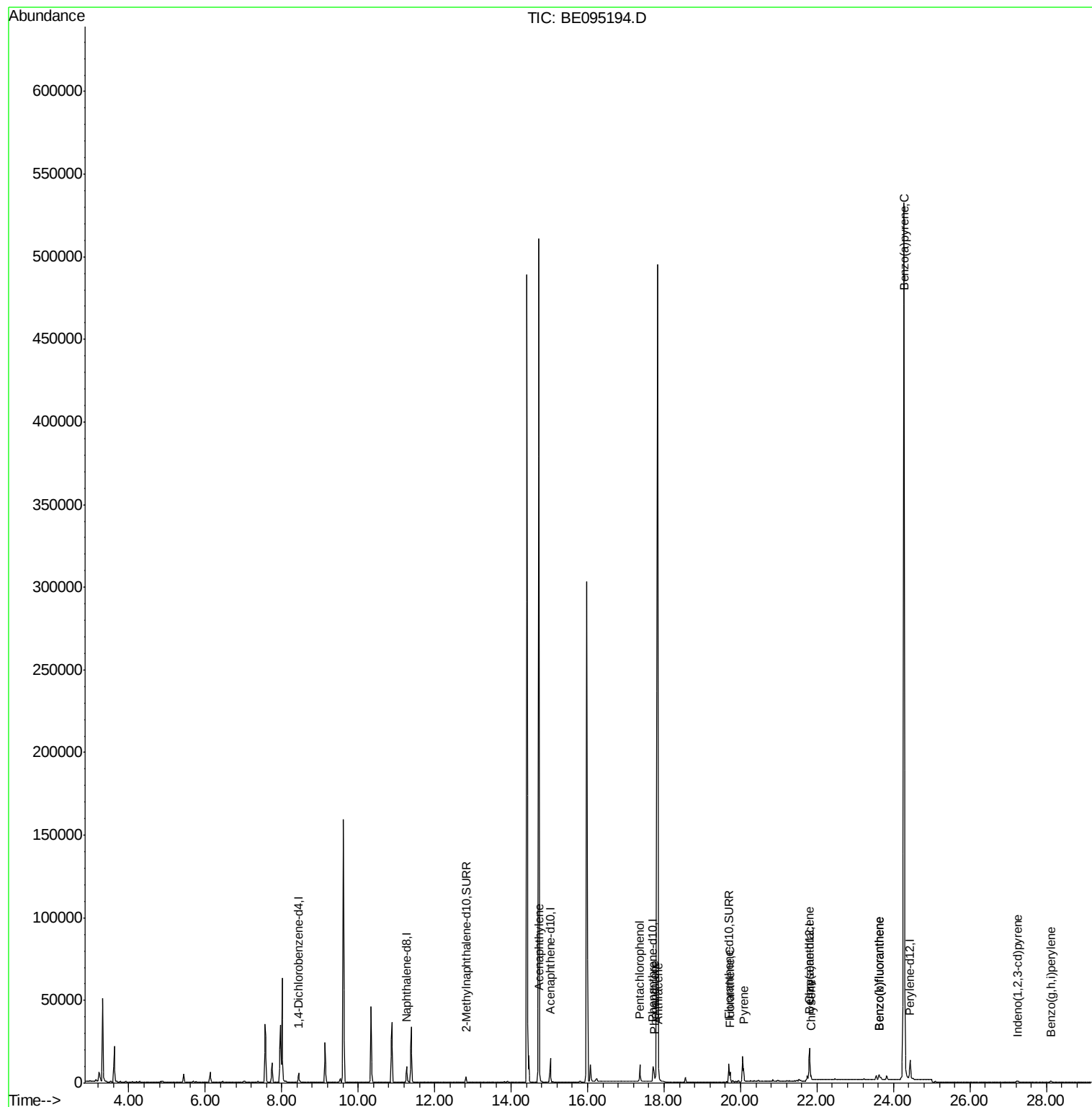
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	2044	0.055	ng/ul	96
11) Pentachlorophenol	17.36	266	6740	2.076	ng/ul	96
12) Phenanthrene	17.75	178	2226	0.039	ng/ul#	90
13) Anthracene	17.85	178	2531	0.049	ng/ul#	94
15) Fluoranthene	19.73	202	6752	0.092	ng/ul	82
17) Pyrene	20.08	202	9079	0.152	ng/ul#	83
18) Benzo(a)anthracene	21.79	228	2874	0.052	ng/ul#	90
19) Chrysene	21.84	228	3830	0.066	ng/ul#	86
21) Benzo(b)fluoranthene	23.63	252	6750	0.102	ng/ul	96
22) Benzo(k)fluoranthene	23.63	252	6696	0.110	ng/ul	97
23) Benzo(a)pyrene	24.27	252	3771	0.064	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	27.24	276	1315	0.020	ng/ul#	75
26) Benzo(g,h,i)perylene	28.11	276	1183	0.022	ng/ul#	72

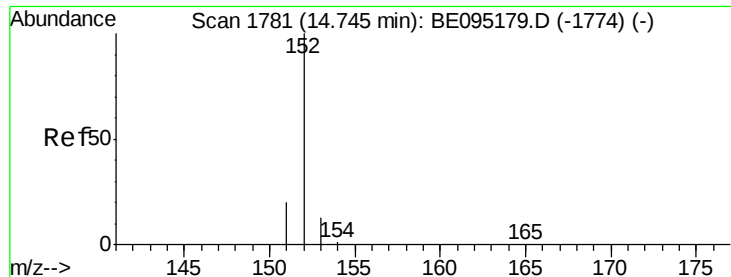
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095194.D
Acq On : 28 Jan 2018 7:27
Operator : SJ/JU
Sample : J1220-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 29 00:16:53 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 Jan 29 00:15:32 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampled :

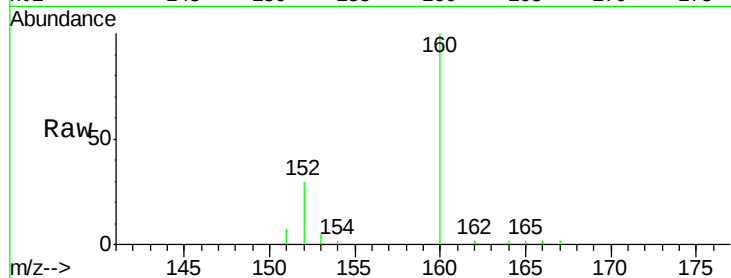
Tot Ion:152 Resp: 2044

Ion Ratio Lower Upper

152 100

151 24.8 17.1 25.7

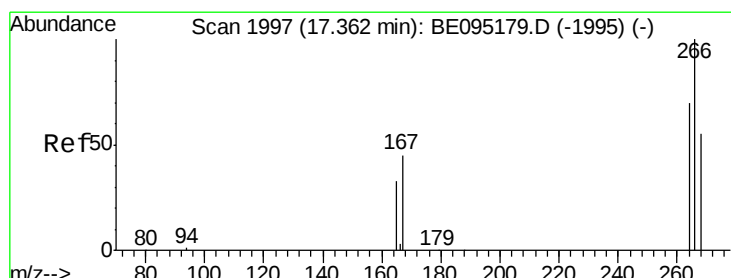
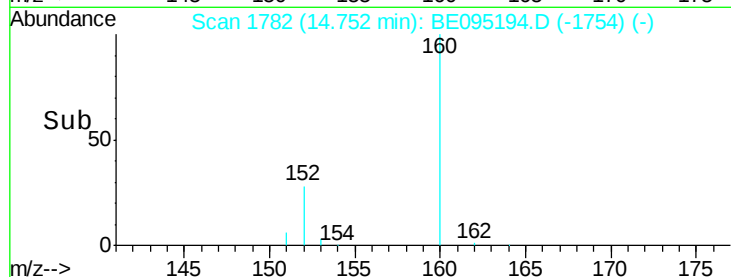
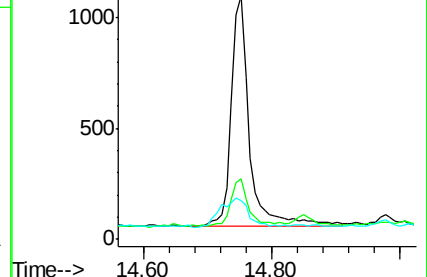
153 16.1 12.8 19.2



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



#11

Pentachlorophenol

Concen: 2.076 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

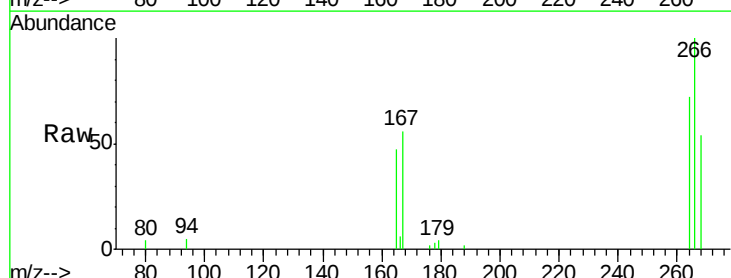
Tgt Ion:266 Resp: 6740

Ion Ratio Lower Upper

266 100

264 64.8 47.9 71.9

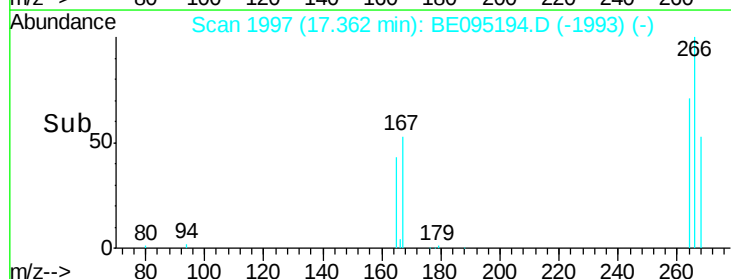
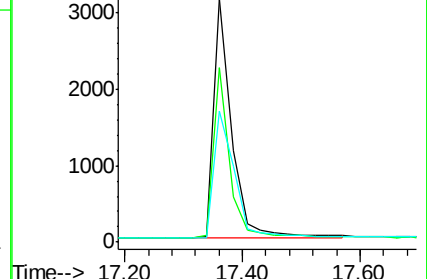
268 61.2 49.8 74.8

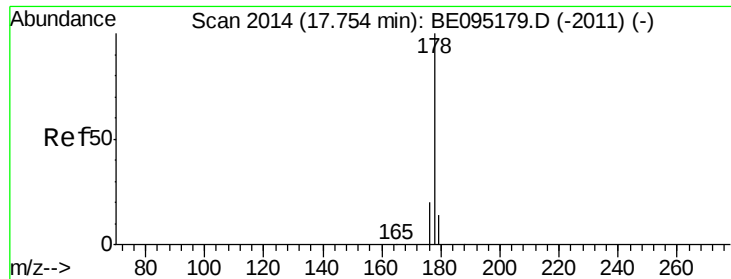


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.039 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

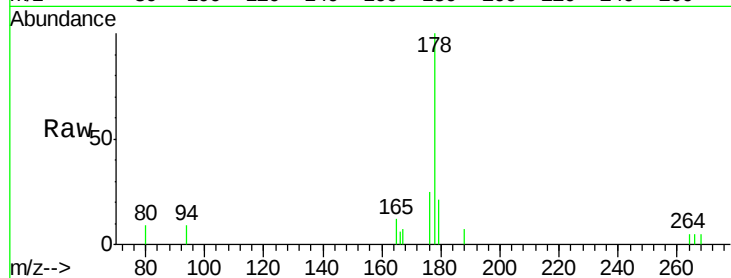
Tot Ion:178 Resp: 2226

Ion Ratio Lower Upper

178 100

179 20.7 18.4 27.6

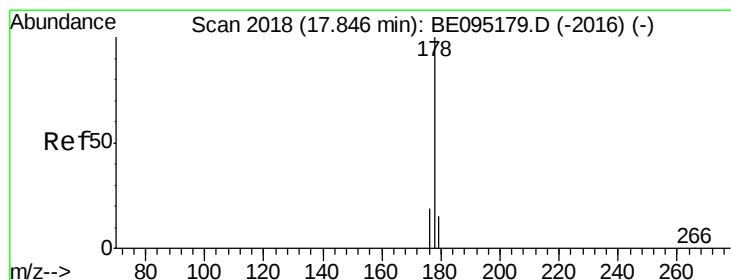
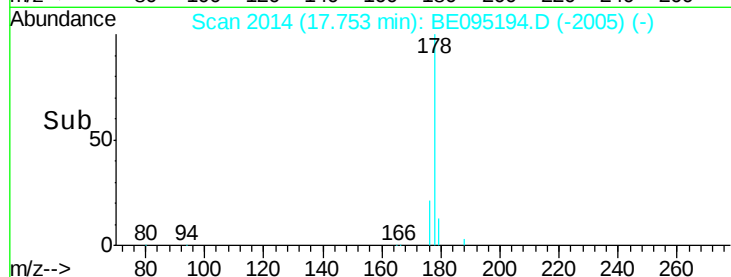
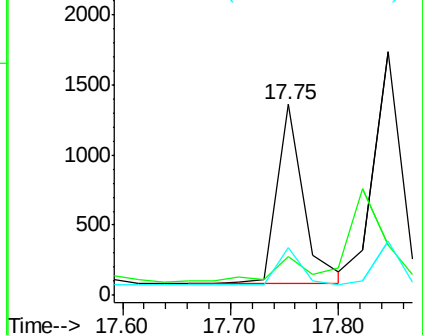
176 24.9 13.6 20.4#



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: 0.049 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

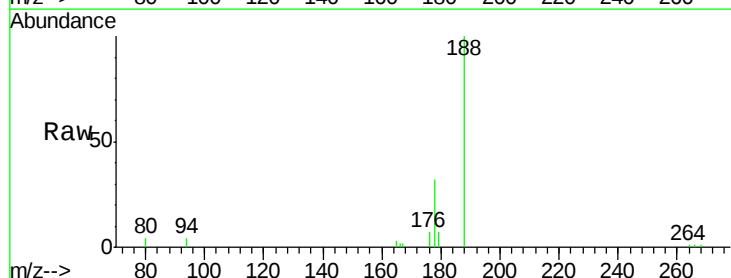
Tgt Ion:178 Resp: 2531

Ion Ratio Lower Upper

178 100

179 20.5 18.1 27.1

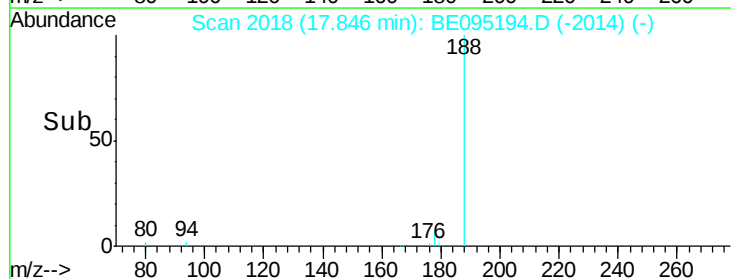
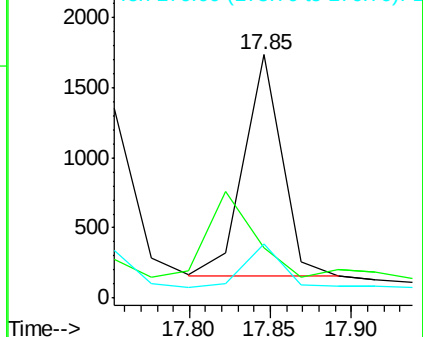
176 22.2 14.7 22.1#

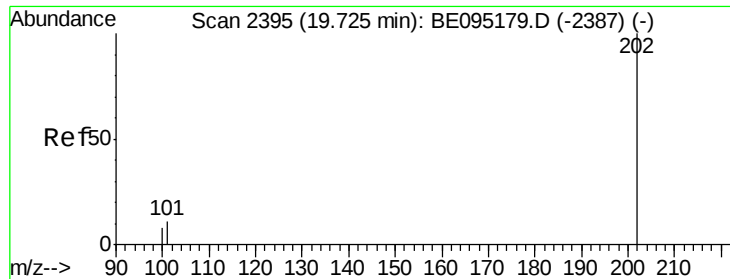


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.092 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

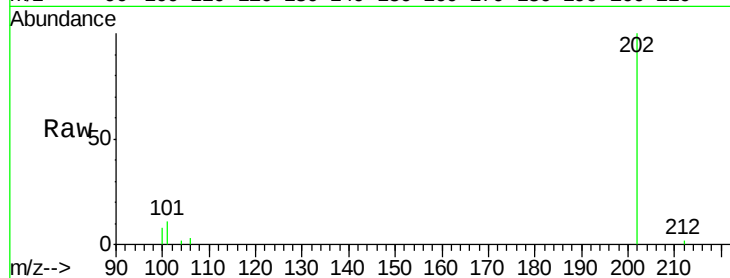
Tot Ion:202 Resp: 6752

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.3

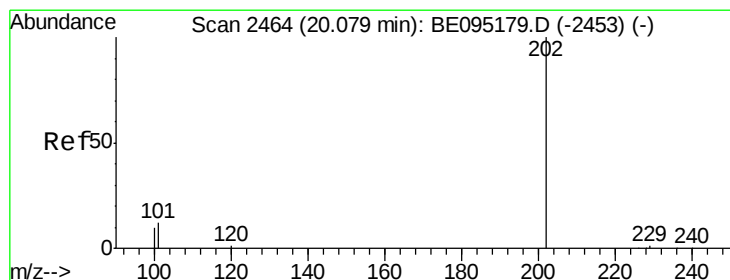
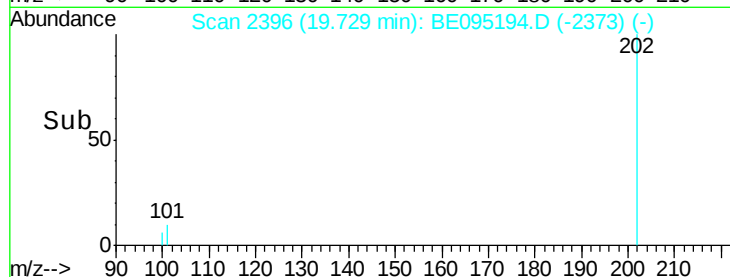
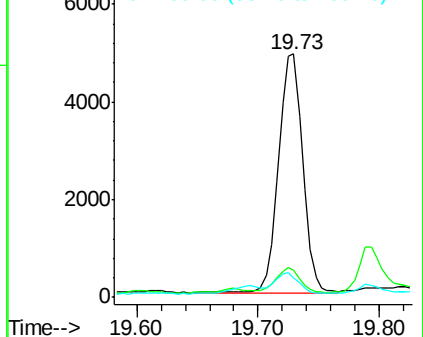
100 7.9 0.0 39.5



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: 0.152 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

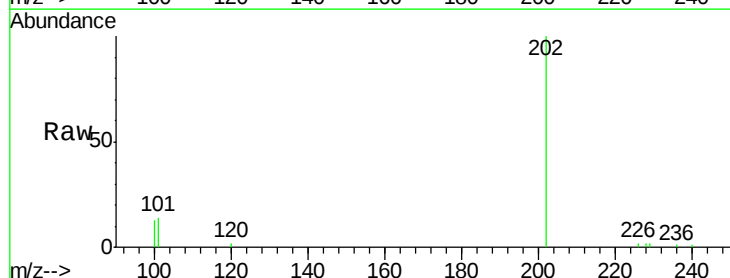
Tgt Ion:202 Resp: 9079

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

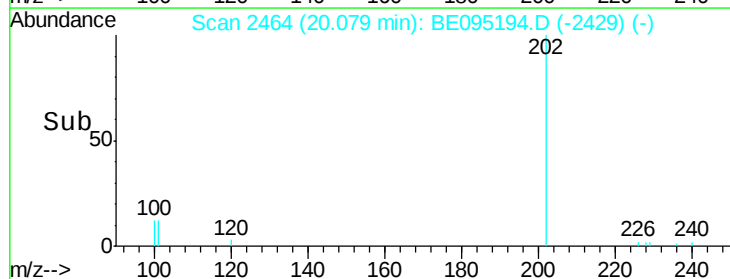
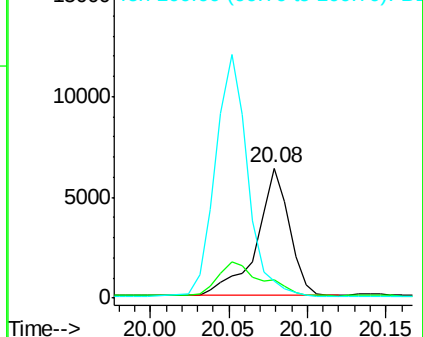
100 12.7 15.6 23.4#

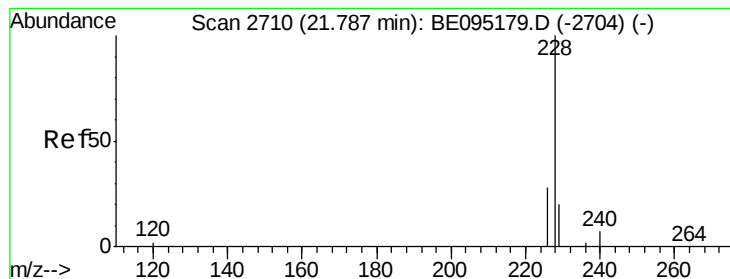


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.052 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

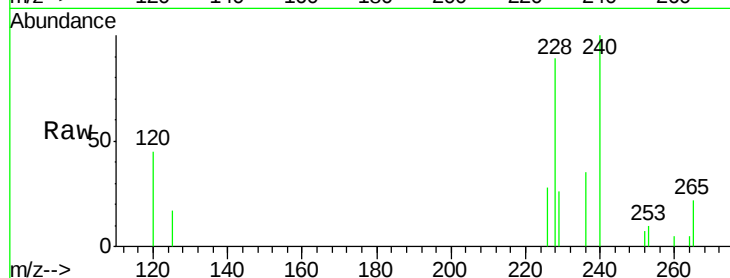
Tot Ion:228 Resp: 2874

Ion Ratio Lower Upper

228 100

229 29.0 22.8 34.2

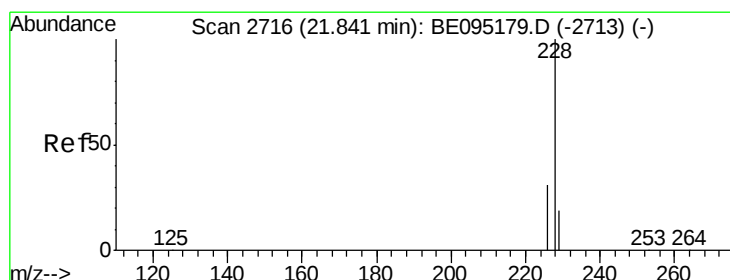
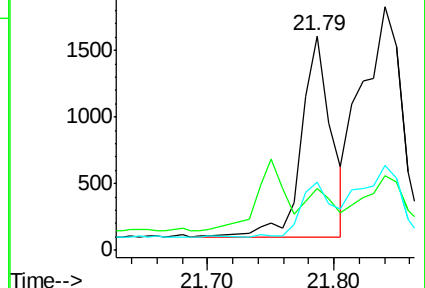
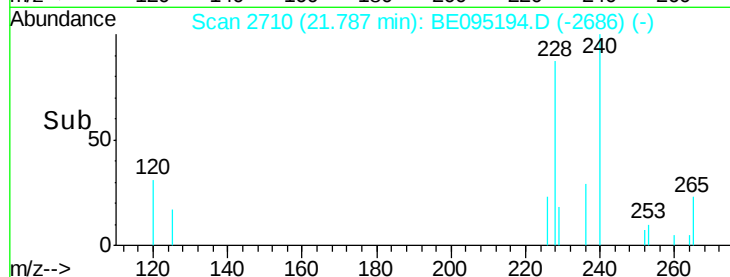
226 31.7 17.0 25.6#



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: 0.066 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

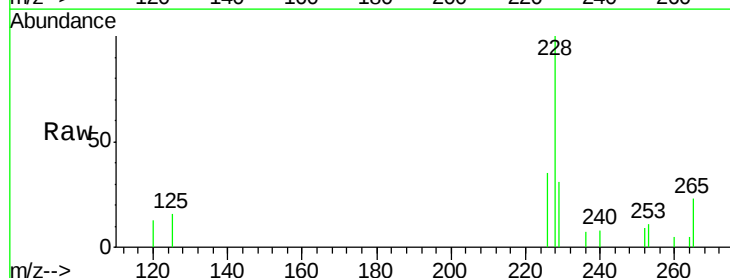
Tgt Ion:228 Resp: 3830

Ion Ratio Lower Upper

228 100

226 34.7 23.4 35.0

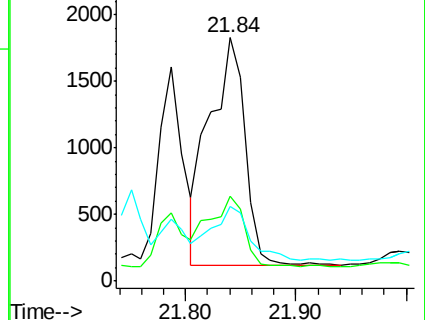
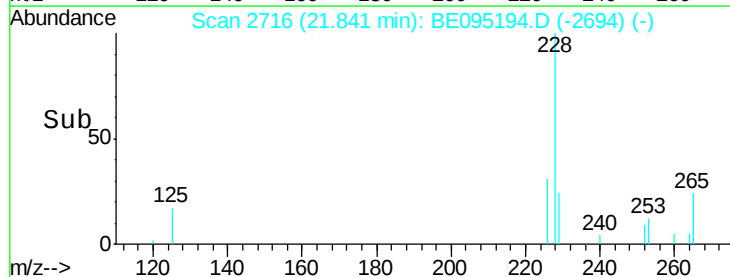
229 30.8 17.7 26.5#

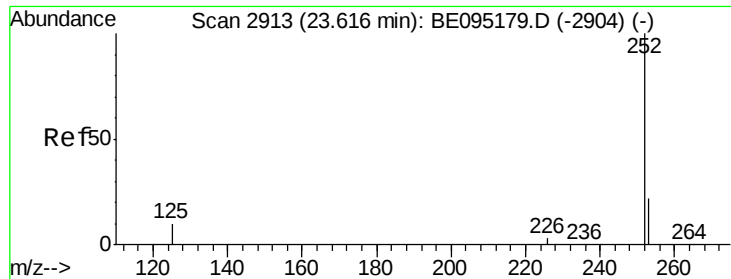


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.102 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

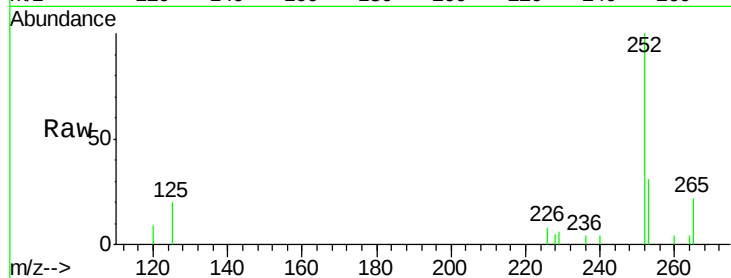
Tot Ion:252 Resp: 6750

Ion Ratio Lower Upper

252 100

253 30.9 0.0 64.2

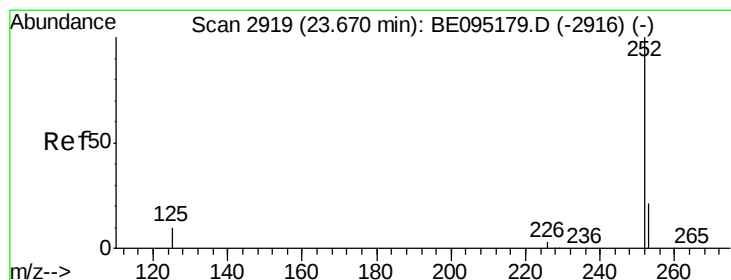
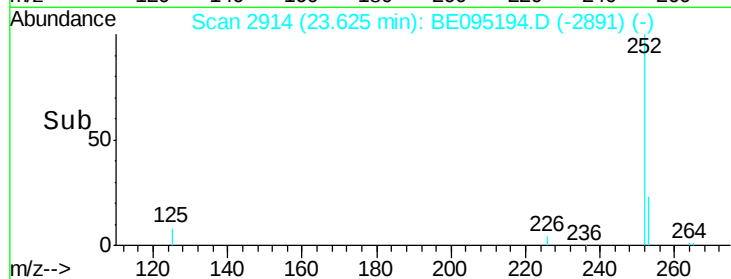
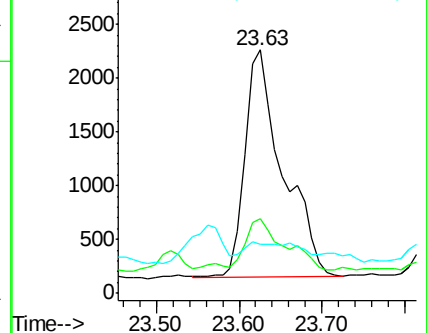
125 20.3 0.0 35.0



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: 0.110 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. -0.05 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

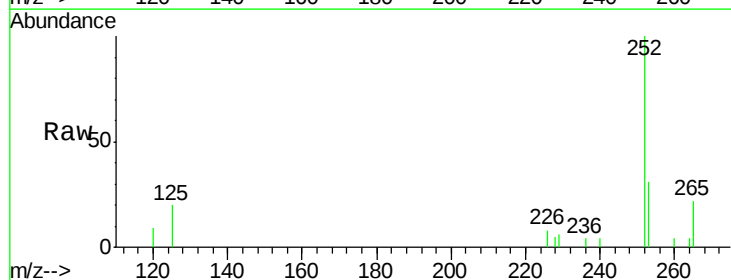
Tgt Ion:252 Resp: 6696

Ion Ratio Lower Upper

252 100

253 30.9 24.5 36.7

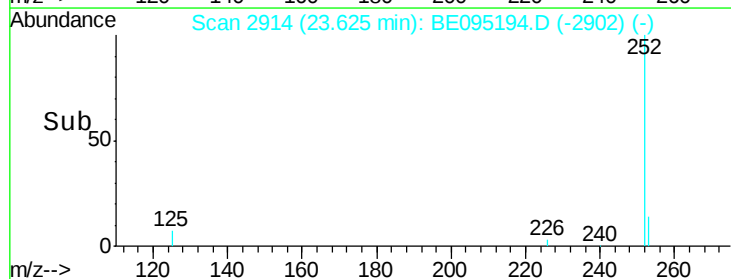
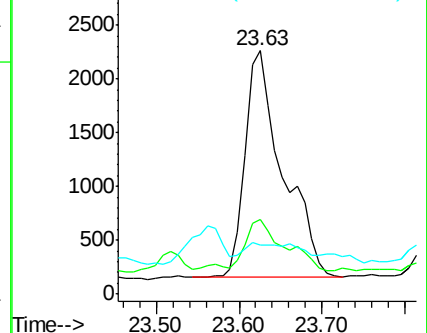
125 20.3 13.7 20.5

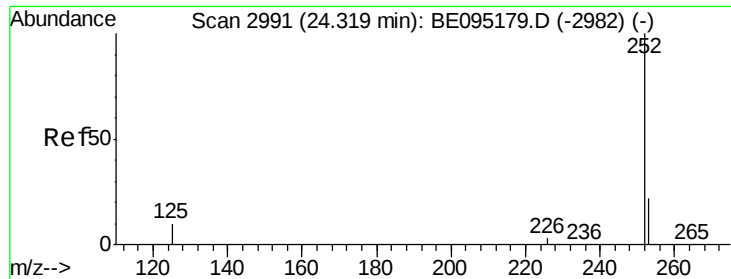


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 24.27 min Scan# 2986

Delta R.T. -0.05 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

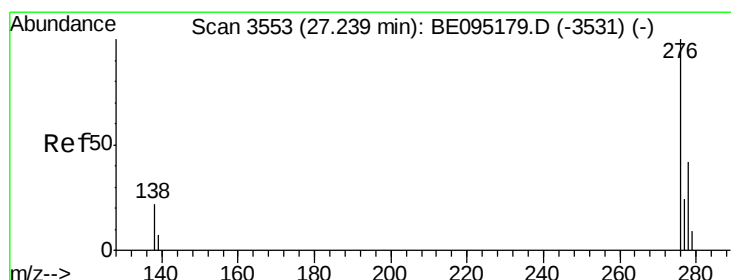
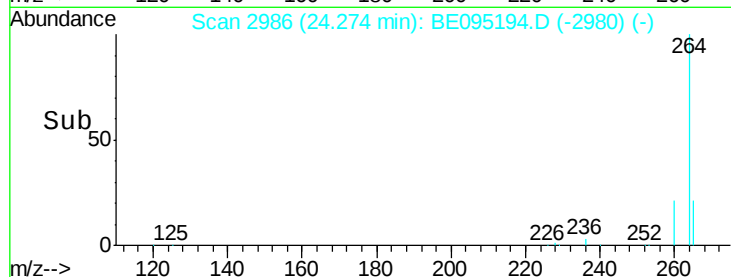
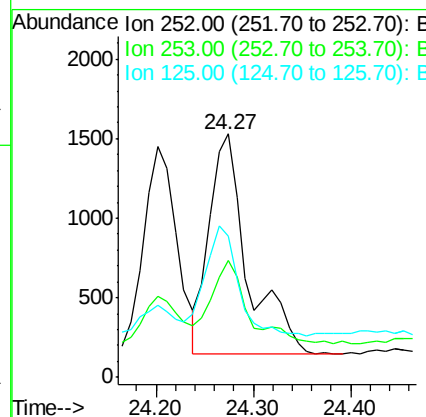
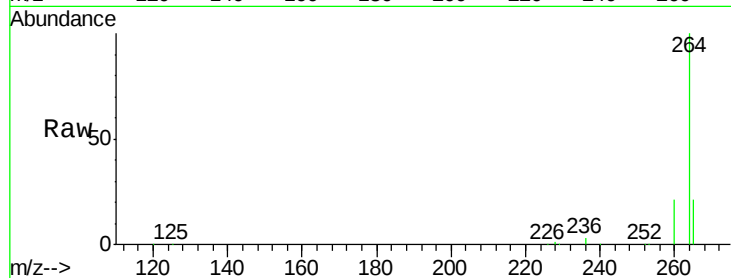
Tot Ion:252 Resp: 3771

Ion Ratio Lower Upper

252 100

253 48.1 28.5 42.7#

125 58.2 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng/ul

RT: 27.24 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

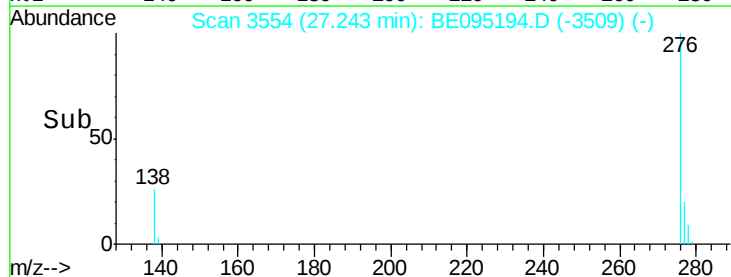
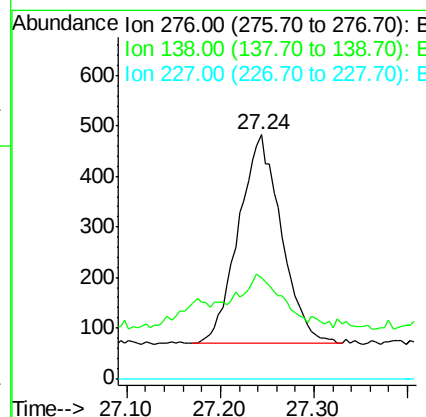
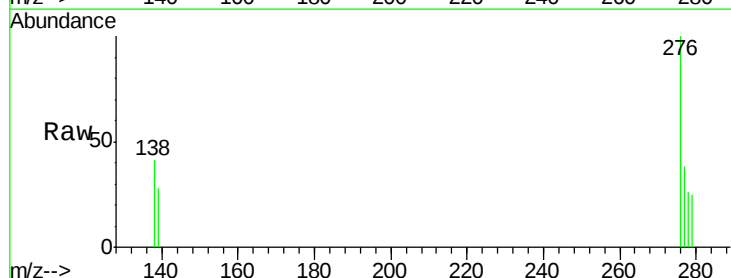
Tgt Ion:276 Resp: 1315

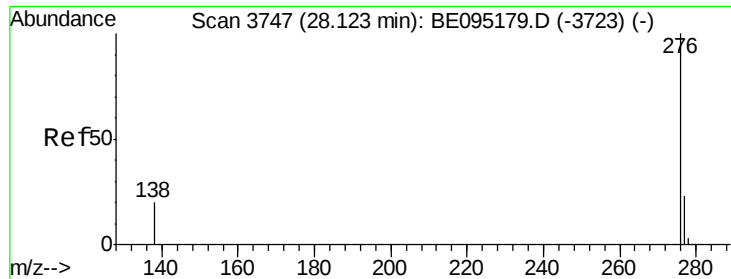
Ion Ratio Lower Upper

276 100

138 21.1 28.0 42.0#

227 0.0 8.0 12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.022 ng/ul

RT: 28.11 min Scan# 3745

Delta R.T. -0.01 min

Lab File: BE095194.D

Acq: 28 Jan 2018 7:27

Instrument :

BNA_E

ClientSampleId :

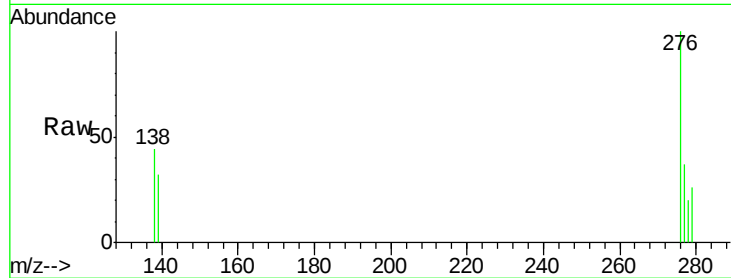
Tot Ion: 276 Resp: 1183

Ion Ratio Lower Upper

276 100

138 44.1 21.8 32.8#

277 37.1 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

