

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095896.D
 Acq On : 29 Mar 2018 2:40
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:45:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 04:43:20 2018
 Response via : Initial Calibration

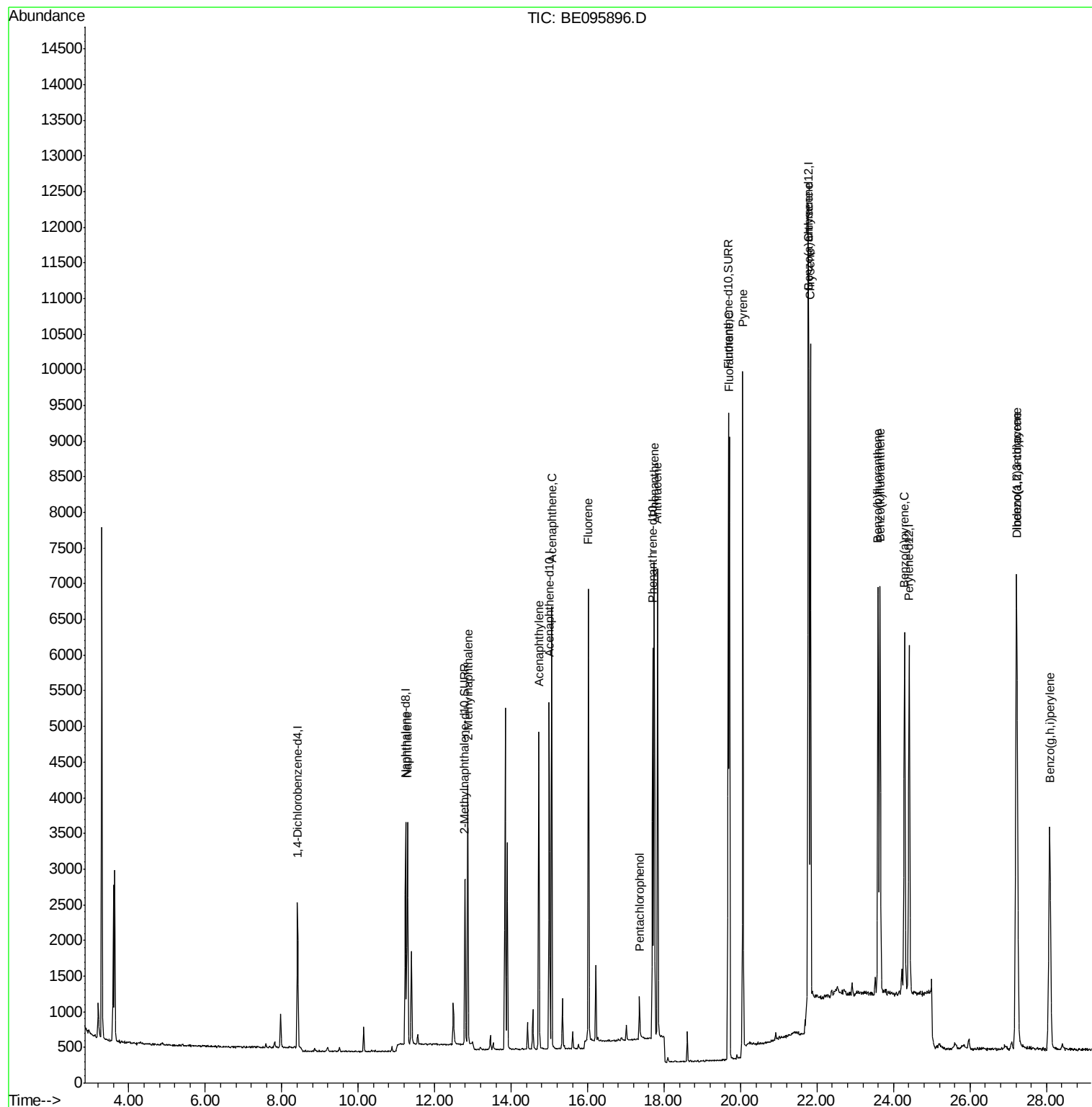
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1597	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4278	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2636	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6717	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7352	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	7129	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	3049	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	10039	0.47	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.29	128	4369	0.366	ng/ul#	89
5) 2-Methylnaphthalene	12.87	142	3082	0.371	ng/ul	100
7) Acenaphthylene	14.72	152	4984	0.374	ng/ul	97
8) Acenaphthene	15.06	153	3594	0.359	ng/ul	97
9) Fluorene	16.02	166	4138	0.380	ng/ul#	90
11) Pentachlorophenol	17.35	266	344	0.364	ng/ul	95
12) Phenanthrene	17.74	178	7256	0.361	ng/ul#	88
13) Anthracene	17.83	178	7132	0.379	ng/ul#	92
15) Fluoranthene	19.71	202	9644	0.396	ng/ul	84
17) Pyrene	20.06	202	10357	0.371	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	9165	0.386	ng/ul#	85
19) Chrysene	21.83	228	8682	0.359	ng/ul	97
21) Benzo(b)fluoranthene	23.59	252	8457	0.342	ng/ul	87
22) Benzo(k)fluoranthene	23.65	252	8377	0.357	ng/ul#	88
23) Benzo(a)pyrene	24.29	252	8115	0.360	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.21	276	9312	0.372	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.23	278	7535	0.377	ng/ul#	90
26) Benzo(g,h,i)perylene	28.09	276	7763	0.361	ng/ul	95

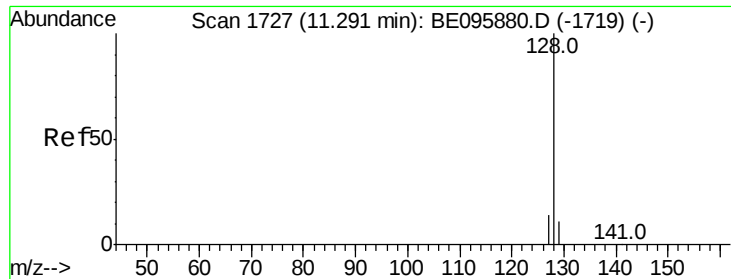
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.366 ng/ul

RT: 11.29 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

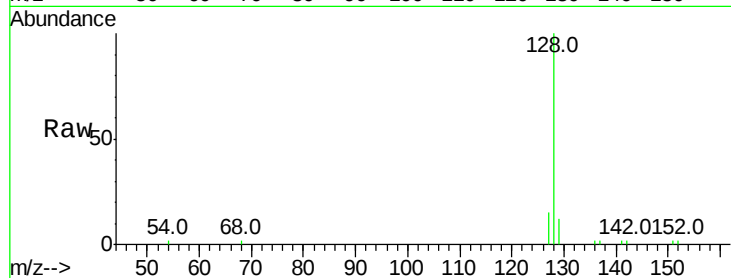
Tot Ion:128 Resp: 4369

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

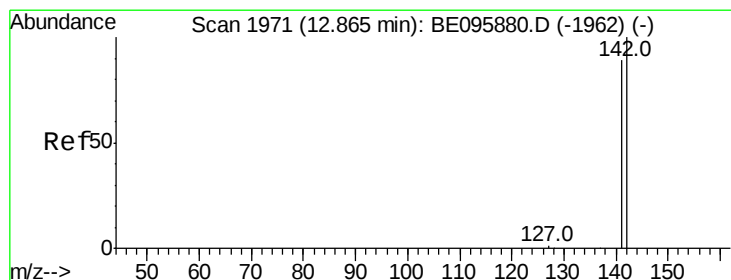
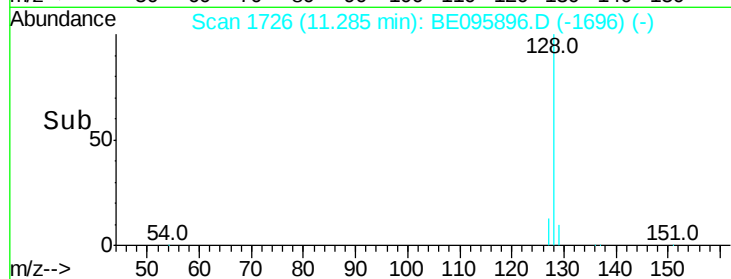
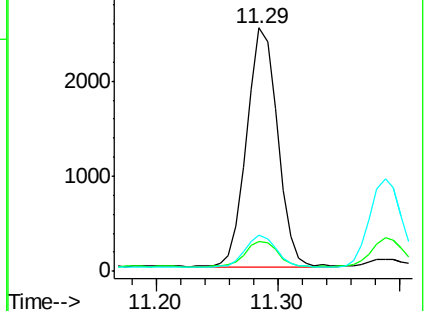
127 14.9 4.0 6.0#



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: 0.371 ng/ul

RT: 12.87 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BE095896.D

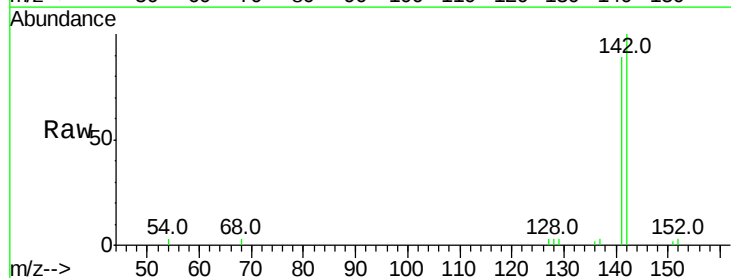
Acq: 29 Mar 2018 2:40

Tgt Ion:142 Resp: 3082

Ion Ratio Lower Upper

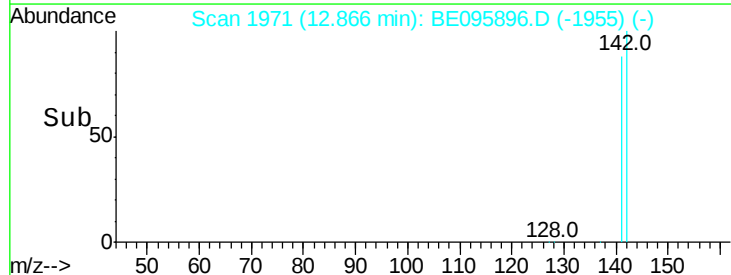
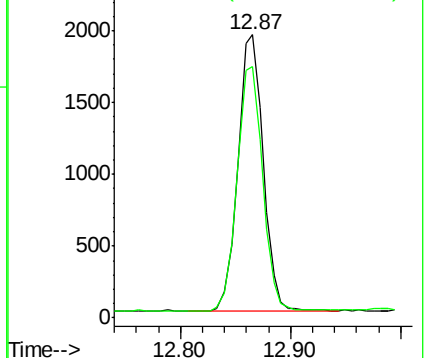
142 100

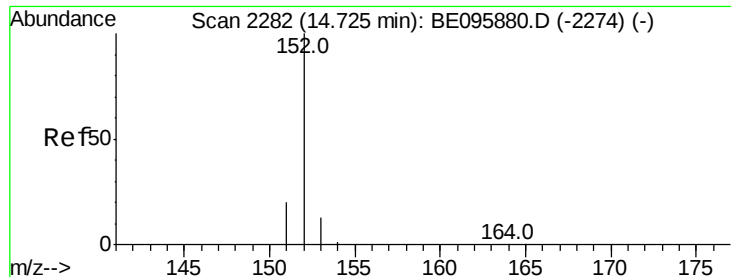
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.374 ng/ul

RT: 14.72 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

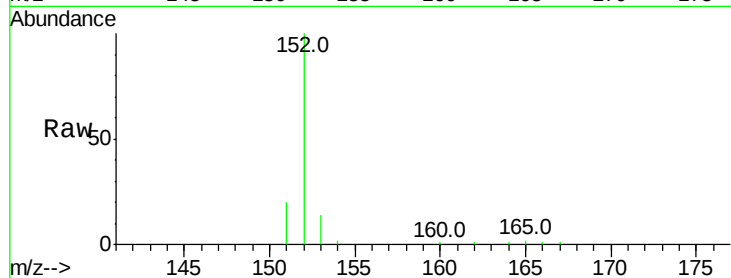
Tot Ion:152 Resp: 4984

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

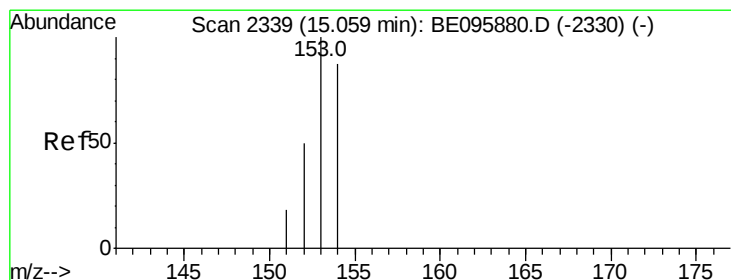
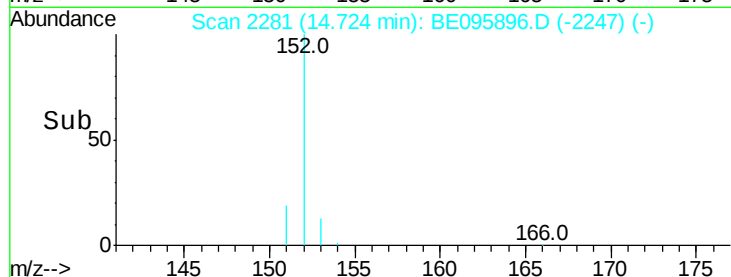
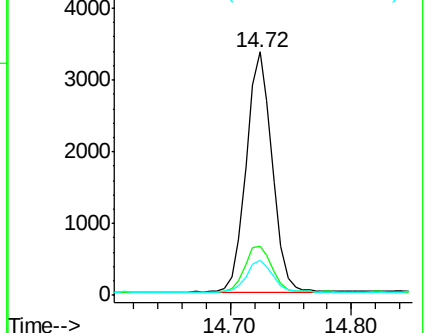
153 14.4 12.8 19.2



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: 0.359 ng/ul

RT: 15.06 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

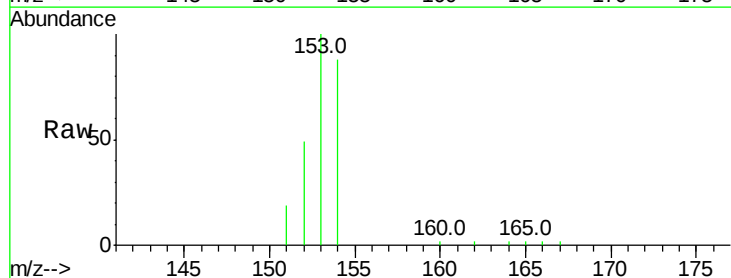
Tgt Ion:153 Resp: 3594

Ion Ratio Lower Upper

153 100

152 49.0 36.0 54.0

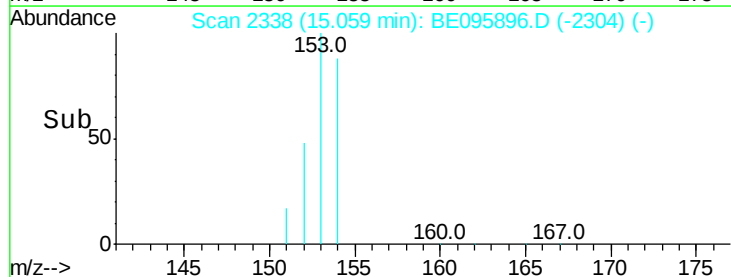
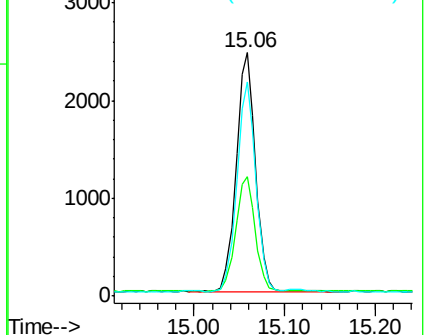
154 88.2 72.0 108.0

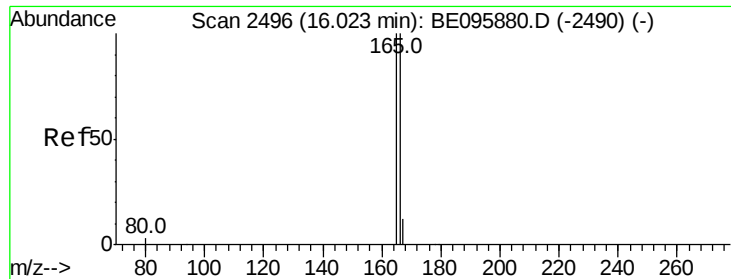


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.380 ng/ul

RT: 16.02 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

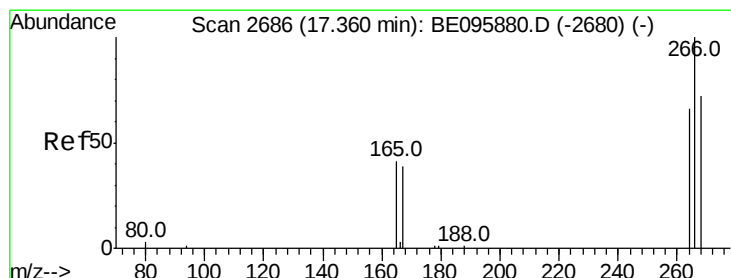
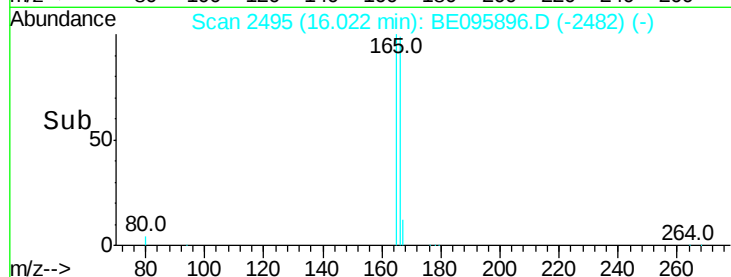
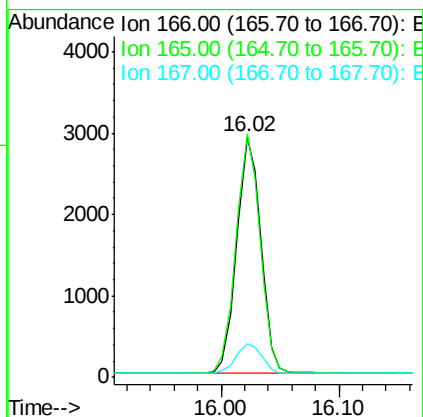
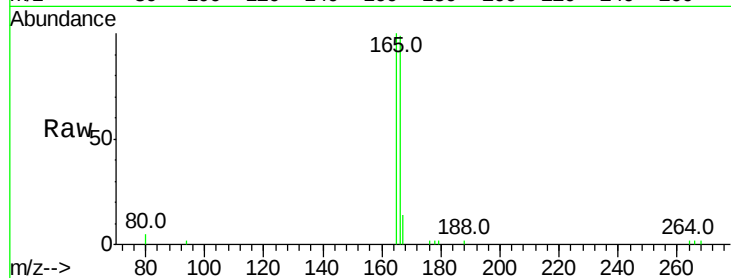
Tot Ion:166 Resp: 4138

Ion Ratio Lower Upper

166 100

165 101.3 73.4 110.2

167 14.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.364 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

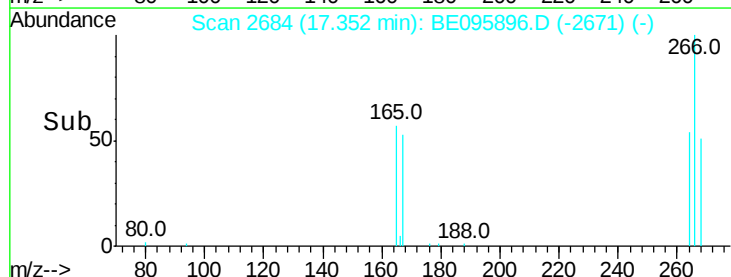
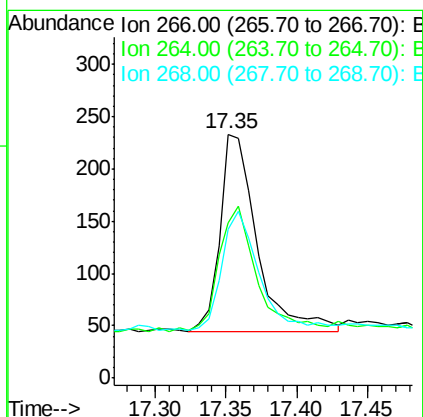
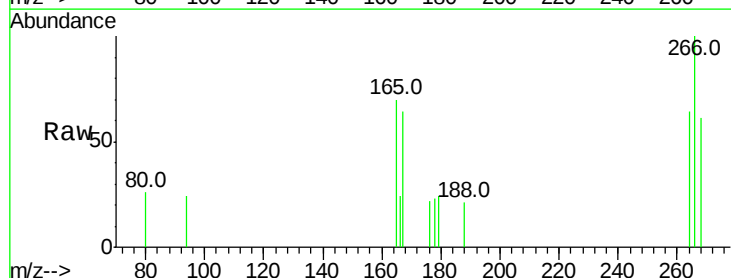
Tgt Ion:266 Resp: 344

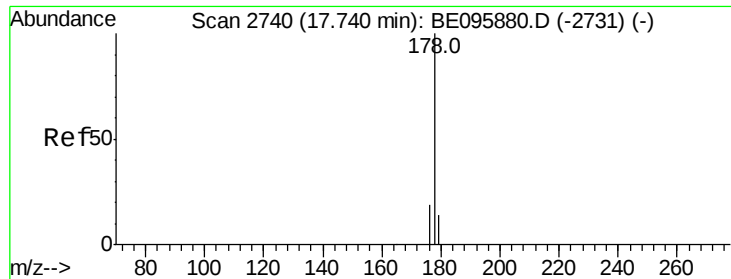
Ion Ratio Lower Upper

266 100

264 66.3 47.9 71.9

268 60.8 49.8 74.8

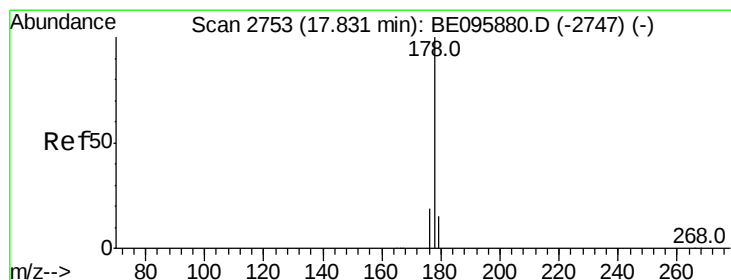
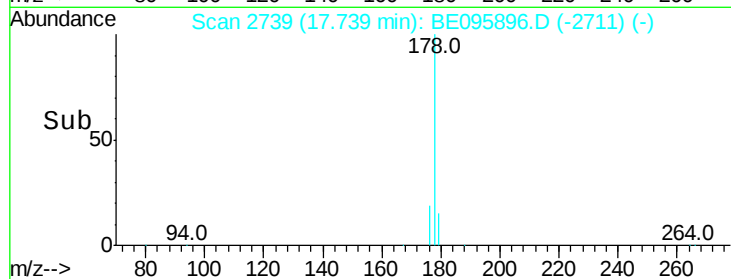
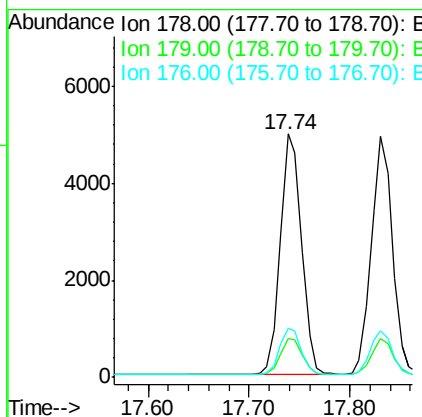
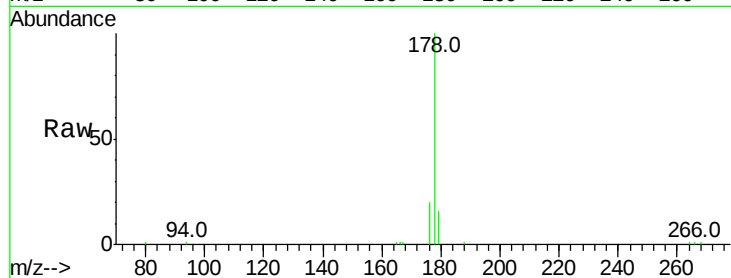




#12
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.74 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BE095896.D
Acq: 29 Mar 2018 2:40

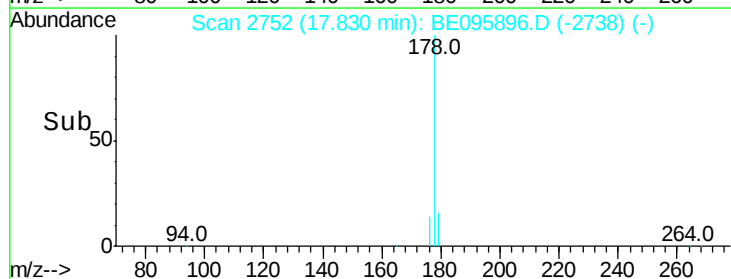
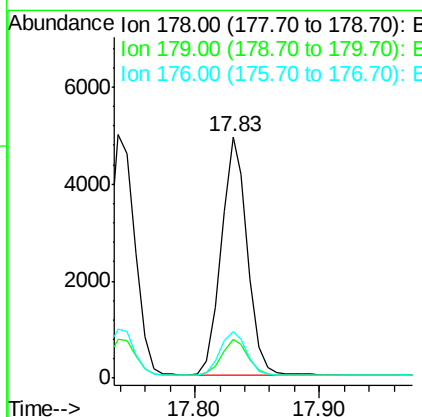
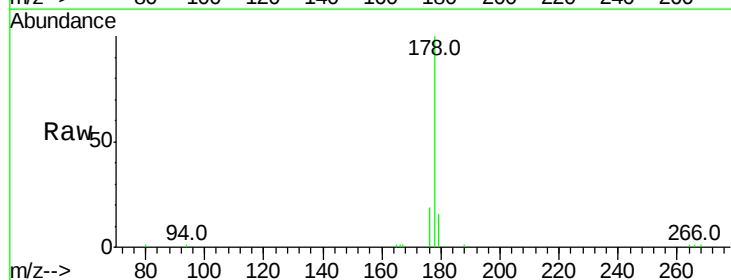
Instrument :
BNA_E
ClientSampleId :

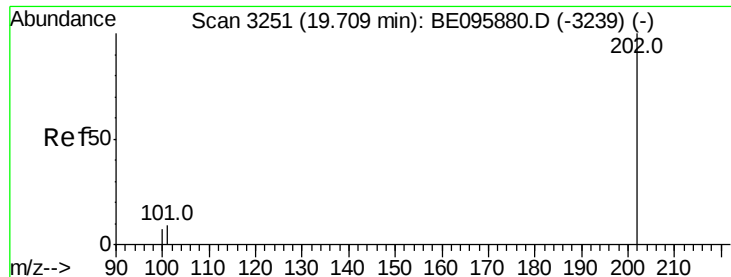
Tot Ion:178 Resp: 7256
Ion Ratio Lower Upper
178 100
179 15.7 18.4 27.6#
176 20.0 13.6 20.4



#13
Anthracene
Concen: 0.379 ng/ul
RT: 17.83 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE095896.D
Acq: 29 Mar 2018 2:40

Tgt Ion:178 Resp: 7132
Ion Ratio Lower Upper
178 100
179 16.1 18.1 27.1#
176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 0.396 ng/ul

RT: 19.71 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

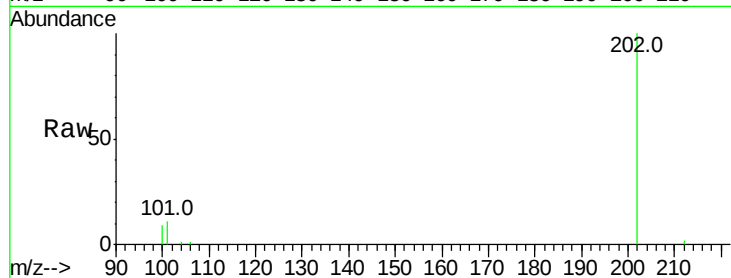
Tot Ion:202 Resp: 9644

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

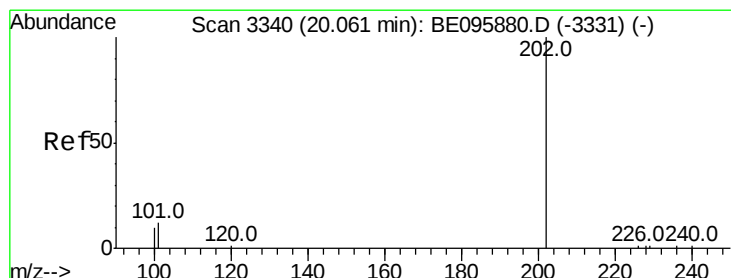
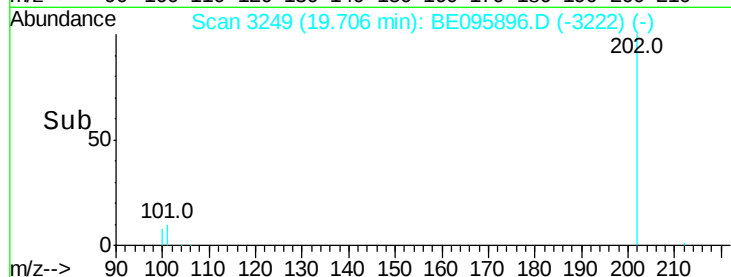
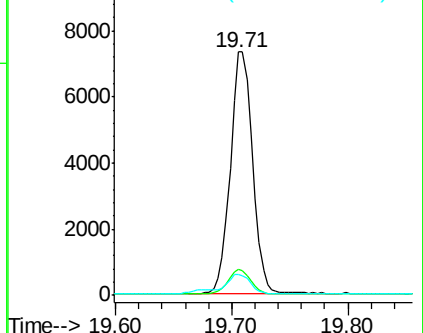
100 8.5 0.0 39.5



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: 0.371 ng/ul

RT: 20.06 min Scan# 3340

Delta R.T. 0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

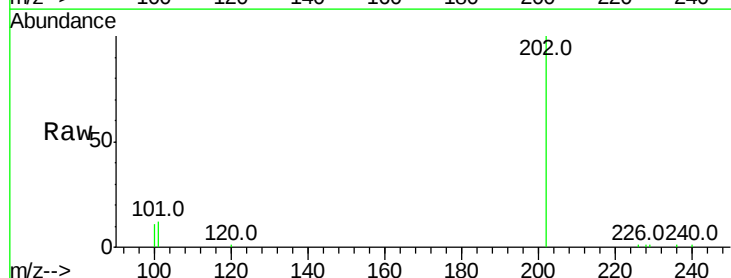
Tgt Ion:202 Resp: 10357

Ion Ratio Lower Upper

202 100

101 11.7 18.2 27.4#

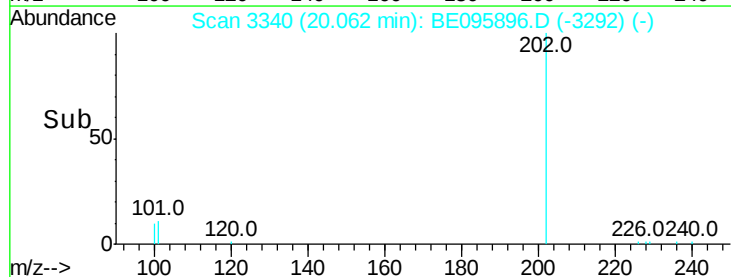
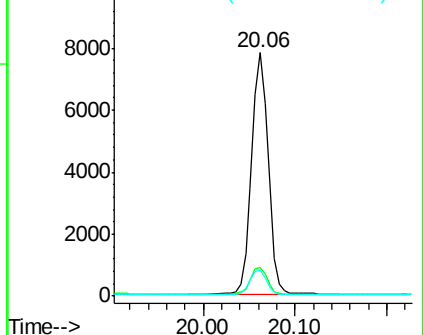
100 10.8 15.6 23.4#

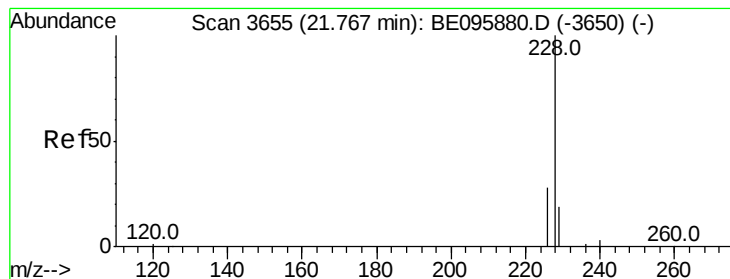


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.386 ng/ul

RT: 21.77 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

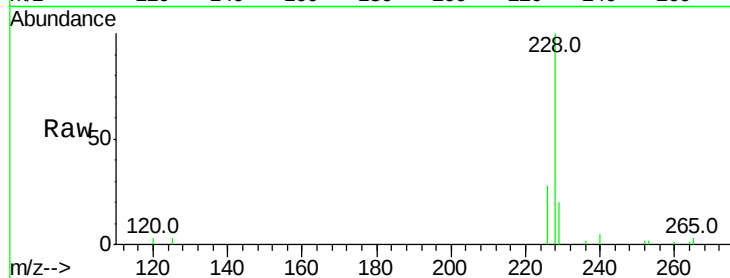
Tot Ion:228 Resp: 9165

Ion Ratio Lower Upper

228 100

229 20.2 22.8 34.2#

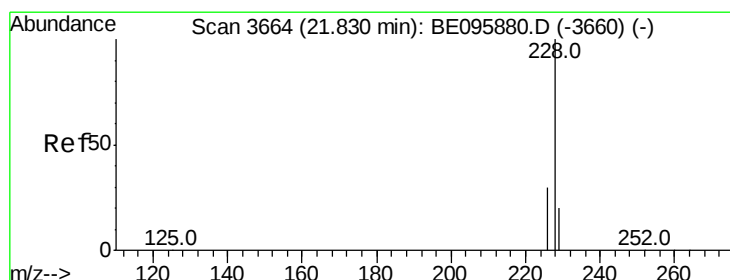
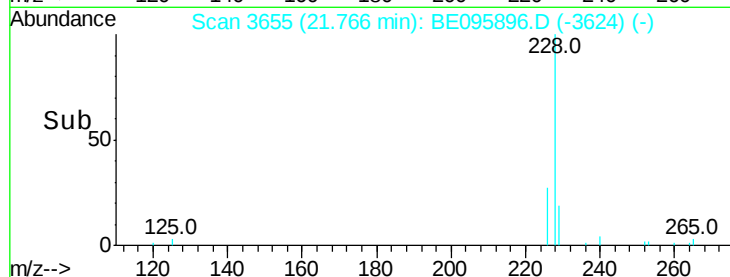
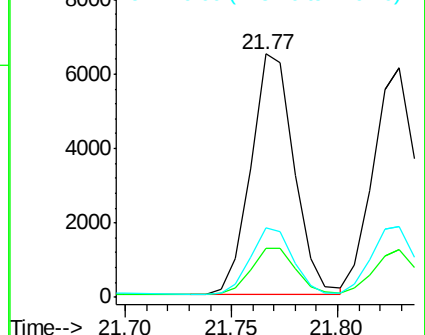
226 28.4 17.0 25.6#



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: 0.359 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

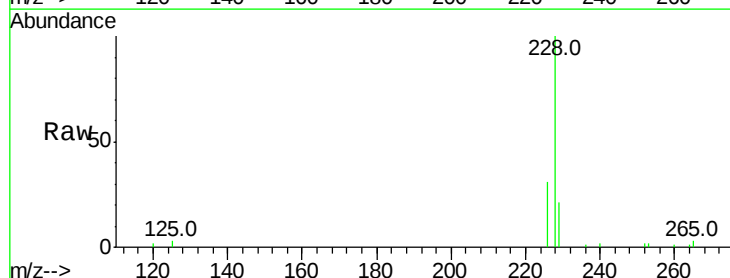
Tgt Ion:228 Resp: 8682

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

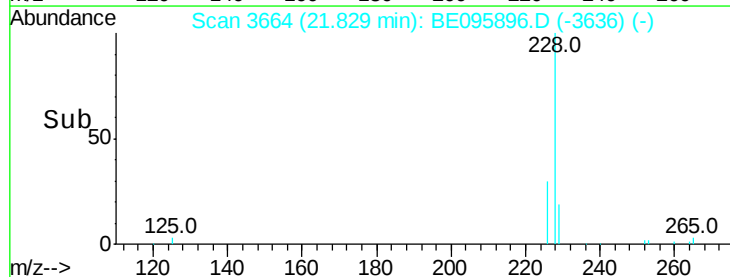
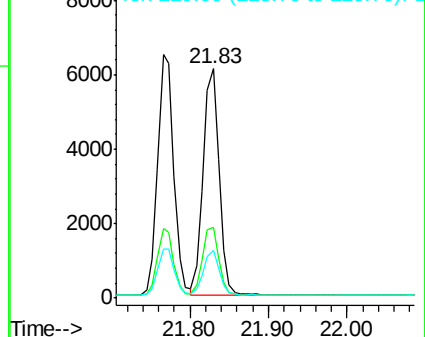
229 20.7 17.7 26.5

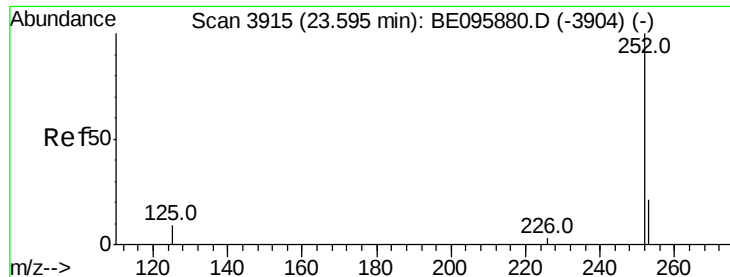


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.342 ng/ul

RT: 23.59 min Scan# 3915

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

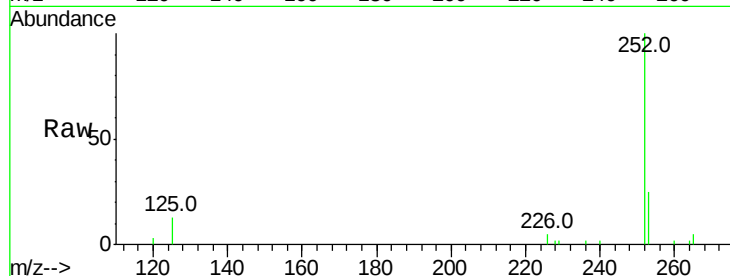
Tot Ion:252 Resp: 8457

Ion Ratio Lower Upper

252 100

253 24.5 0.0 64.2

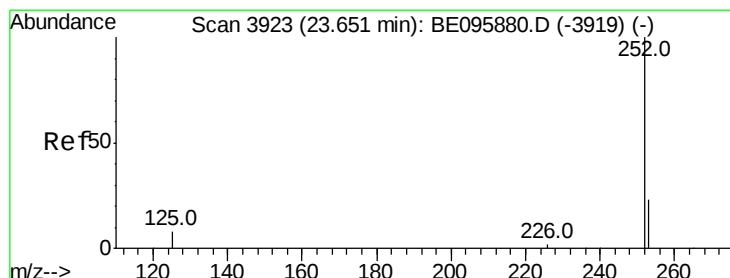
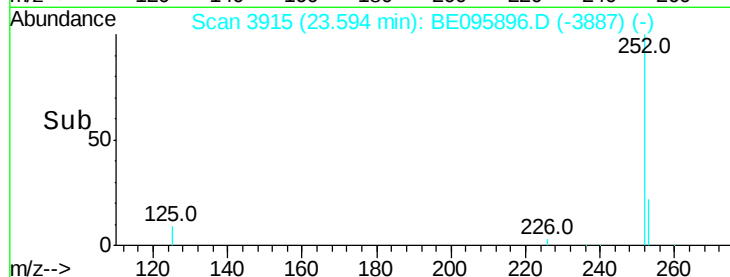
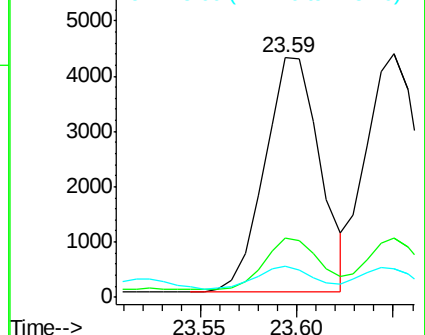
125 12.9 0.0 35.0



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: 0.357 ng/ul

RT: 23.65 min Scan# 3923

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

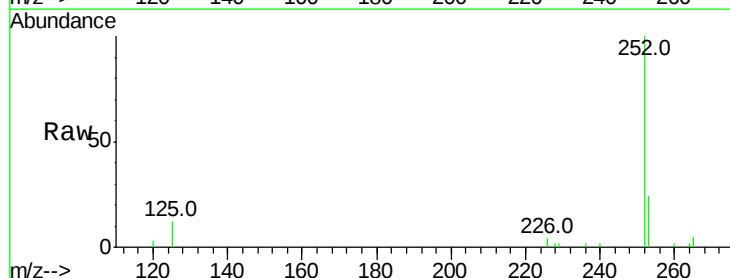
Tgt Ion:252 Resp: 8377

Ion Ratio Lower Upper

252 100

253 24.4 24.5 36.7#

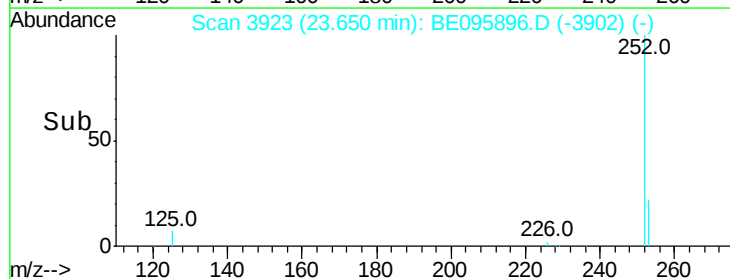
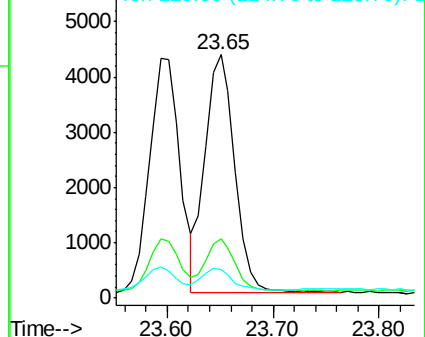
125 11.7 13.7 20.5#

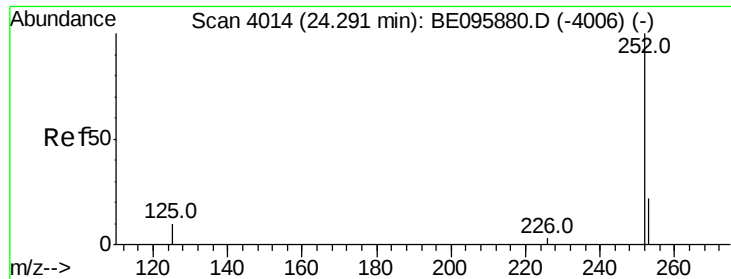


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 24.29 min Scan# 4014

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

Instrument :

BNA_E

ClientSampleId :

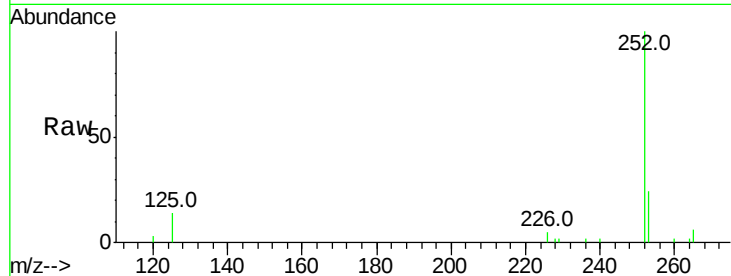
Tot Ion:252 Resp: 8115

Ion Ratio Lower Upper

252 100

253 24.1 28.5 42.7#

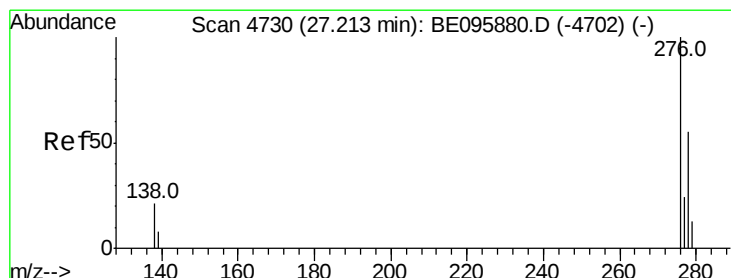
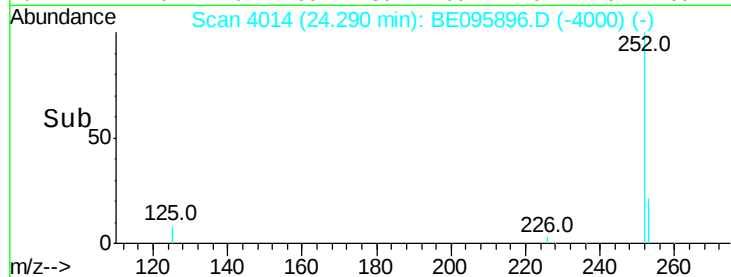
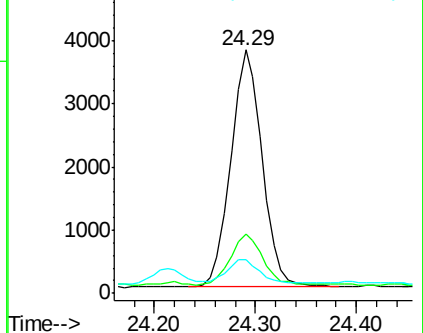
125 14.1 18.1 27.1#



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: 0.372 ng/ul

RT: 27.21 min Scan# 4730

Delta R.T. -0.00 min

Lab File: BE095896.D

Acq: 29 Mar 2018 2:40

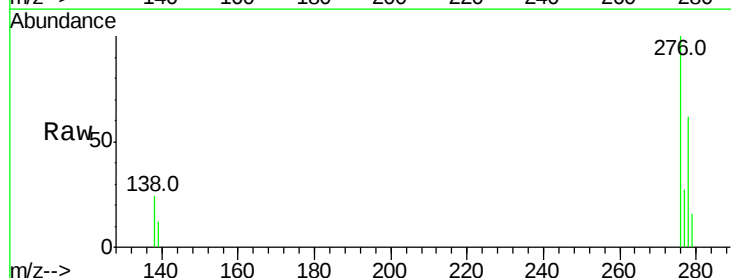
Tgt Ion:276 Resp: 9312

Ion Ratio Lower Upper

276 100

138 22.3 28.0 42.0#

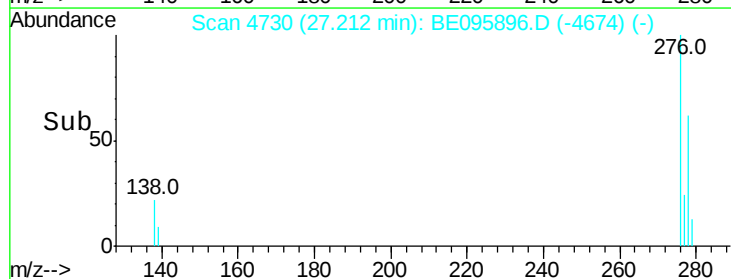
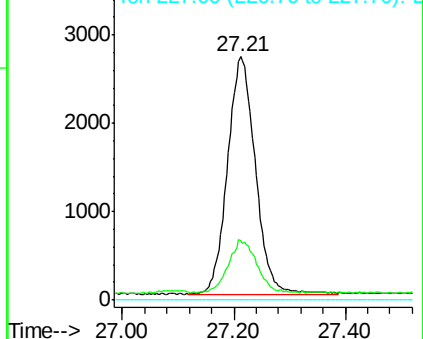
227 0.0 8.0 12.0#

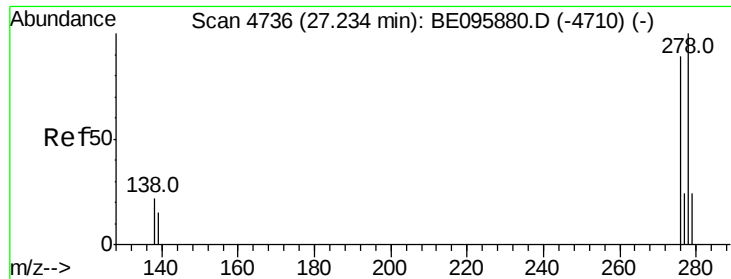


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

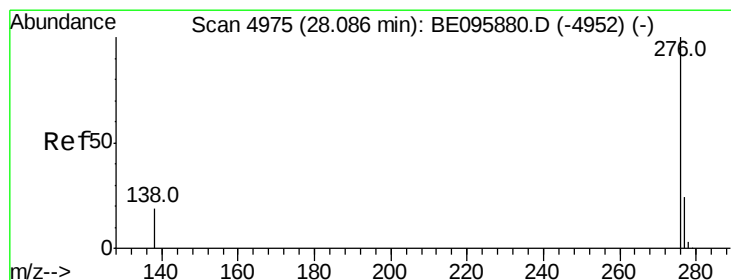
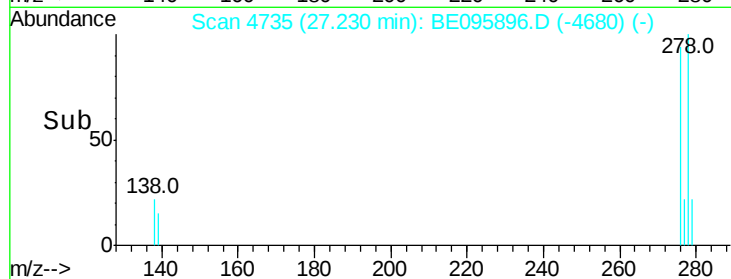
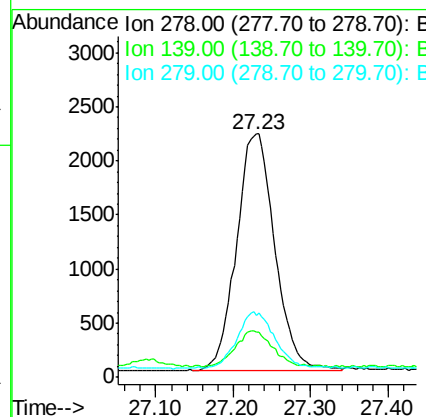
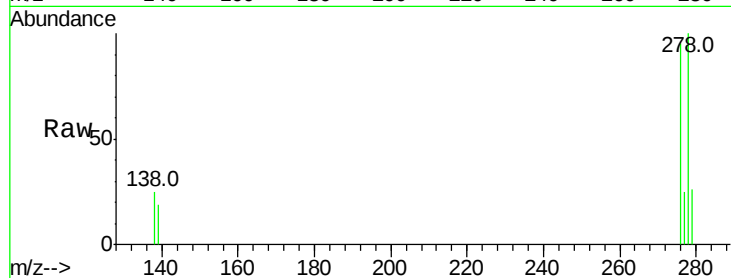




#25
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 27.23 min Scan# 4735
Delta R.T. -0.00 min
Lab File: BE095896.D
Acq: 29 Mar 2018 2:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7535
Ion Ratio Lower Upper
278 100
139 18.6 17.4 26.0
279 25.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 28.09 min Scan# 4975
Delta R.T. -0.00 min
Lab File: BE095896.D
Acq: 29 Mar 2018 2:40

Tgt Ion:276 Resp: 7763
Ion Ratio Lower Upper
276 100
138 22.9 21.8 32.8
277 25.4 20.5 30.7

