

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094279.D
 Acq On : 11 Oct 2017 14:56
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:23:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:23:36 2017
 Response via : Initial Calibration

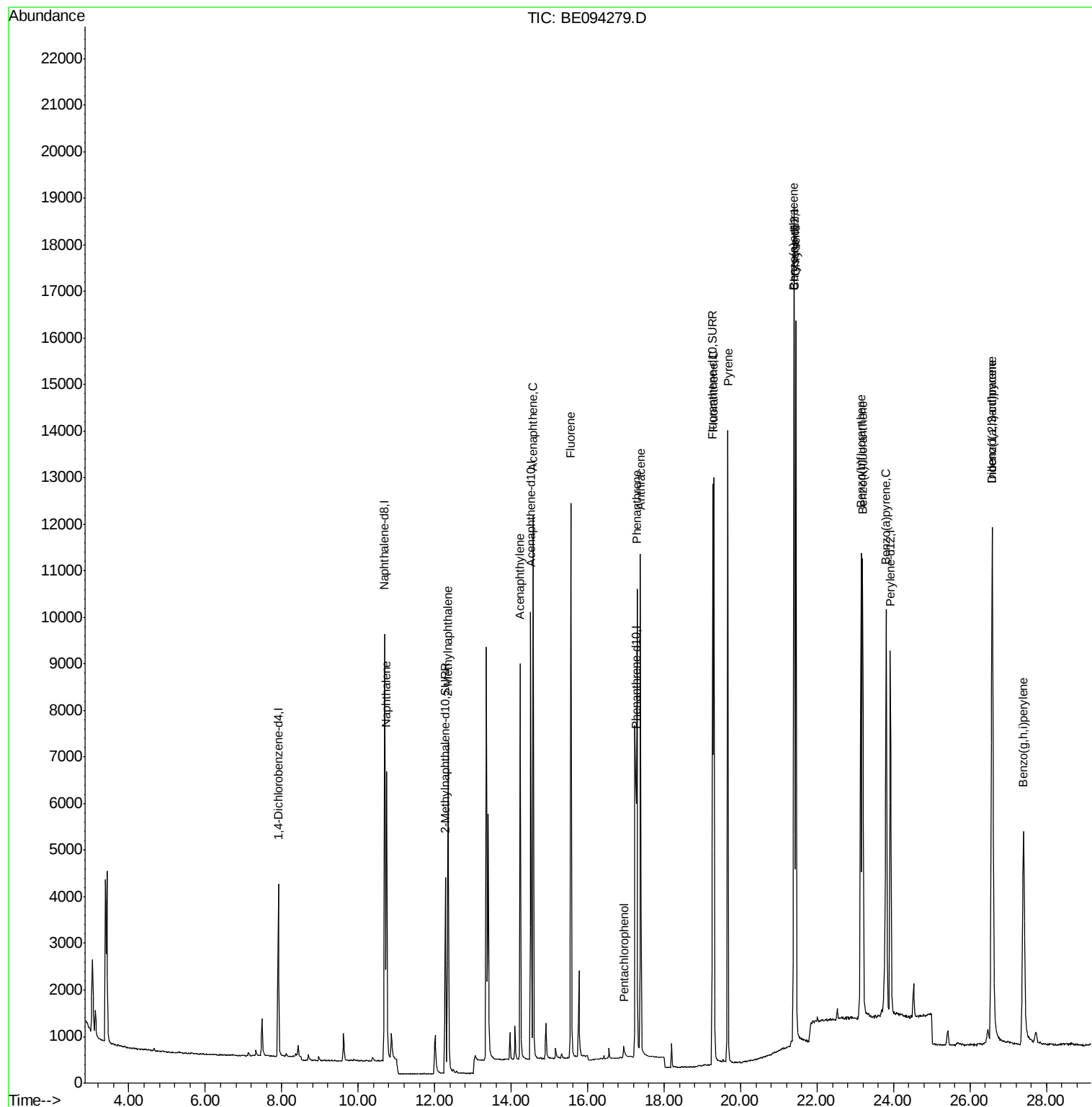
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2041	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5646	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12038	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	12781	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12223	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6538	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	14529	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	10130	0.394	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	6913	0.414	ng/ul	99
7) Acenaphthylene	14.24	152	10211	0.464	ng/ul	96
8) Acenaphthene	14.58	153	7256	0.400	ng/ul	97
9) Fluorene	15.56	166	8116	0.382	ng/ul#	91
11) Pentachlorophenol	16.94	266	372	0.263	ng/ul	96
12) Phenanthrene	17.29	178	12716	0.404	ng/ul#	93
13) Anthracene	17.38	178	12815	0.419	ng/ul#	92
15) Fluoranthene	19.30	202	14687	0.355	ng/ul	84
17) Pyrene	19.66	202	15414	0.433	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	15294	0.451	ng/ul#	86
19) Chrysene	21.45	228	14537	0.371	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	14968	0.451	ng/ul	89
22) Benzo(k)fluoranthene	23.19	252	14533	0.379	ng/ul#	91
23) Benzo(a)pyrene	23.81	252	14071	0.408	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.58	276	15096	0.428	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.59	278	12811	0.433	ng/ul	94
26) Benzo(g,h,i)perylene	27.40	276	12246	0.402	ng/ul	98

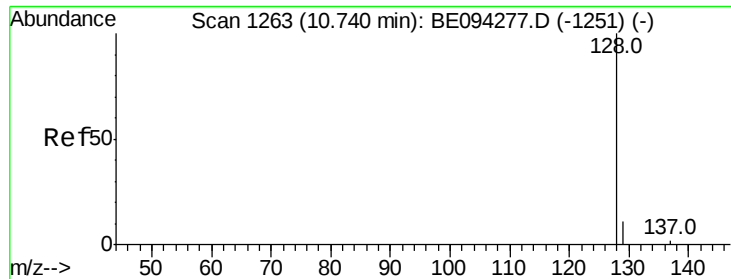
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampleId :

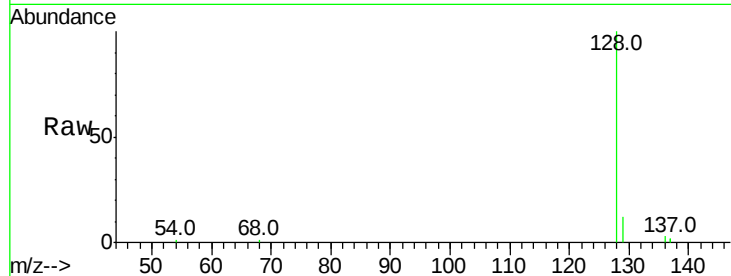
Tot Ion:128 Resp: 10130

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

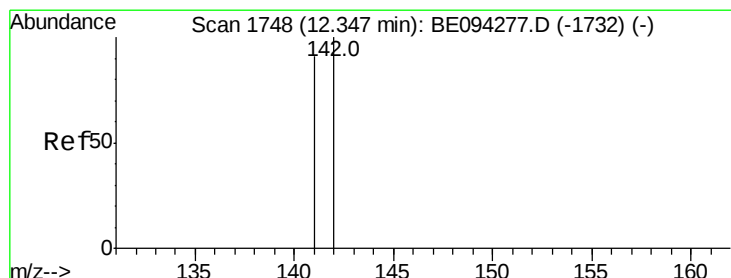
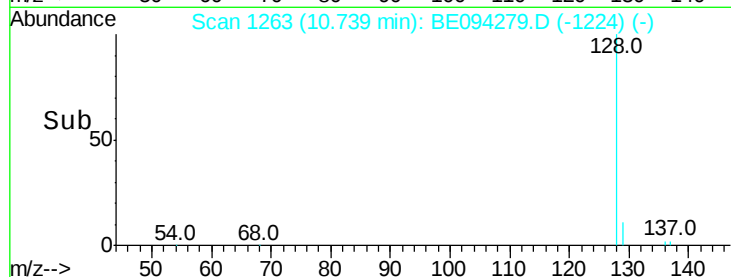
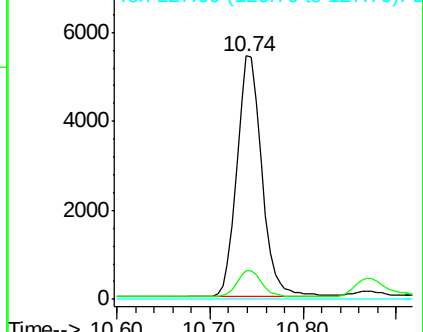
127 0.0 4.0 6.0#



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: 0.414 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BE094279.D

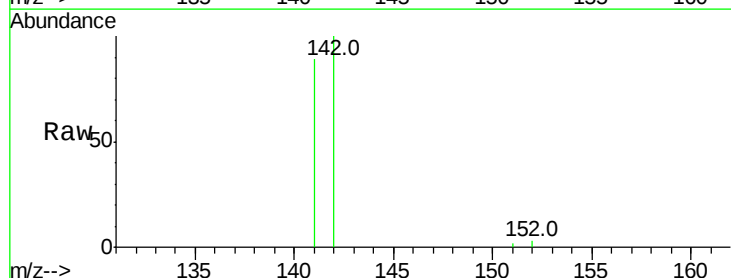
Acq: 11 Oct 2017 14:56

Tgt Ion:142 Resp: 6913

Ion Ratio Lower Upper

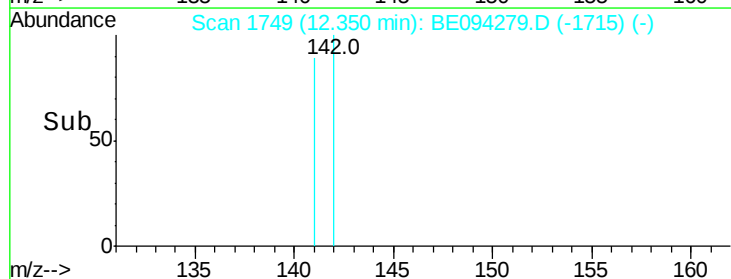
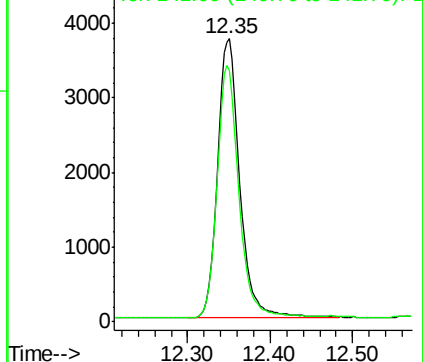
142 100

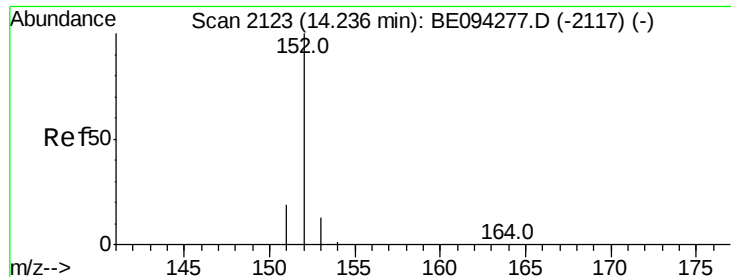
141 89.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.464 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampleId :

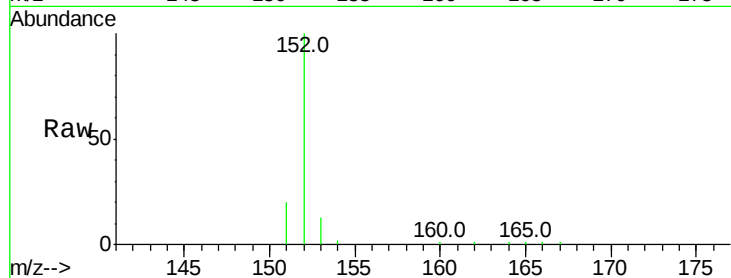
Tot Ion:152 Resp: 10211

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

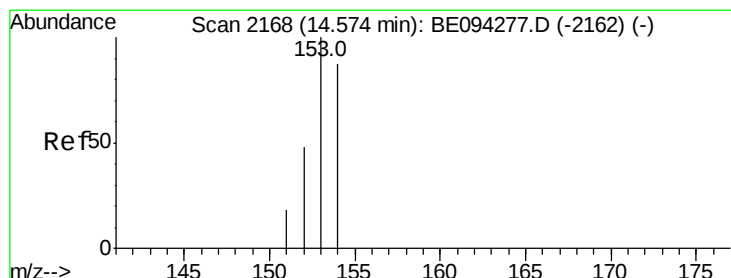
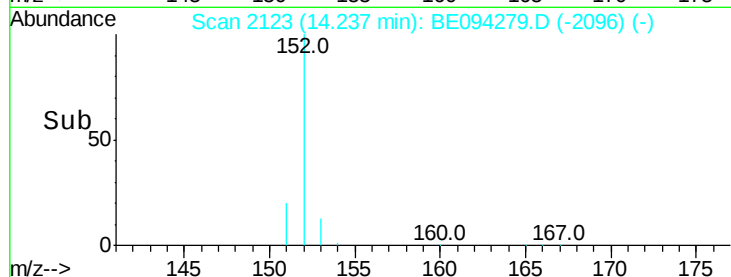
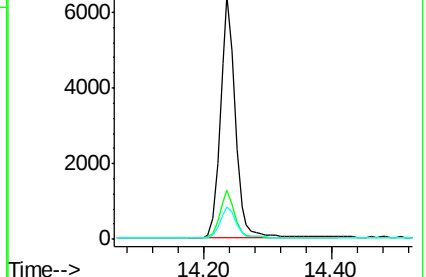
153 13.4 12.8 19.2



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: 0.400 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

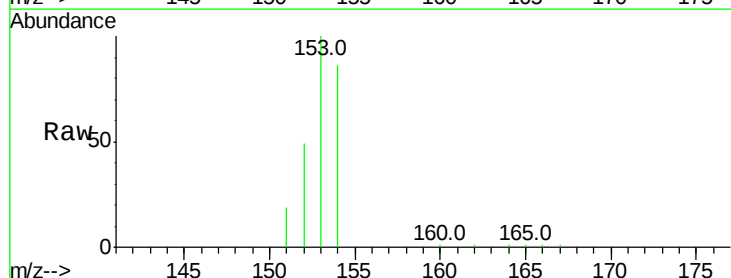
Tgt Ion:153 Resp: 7256

Ion Ratio Lower Upper

153 100

152 48.9 40.3 60.5

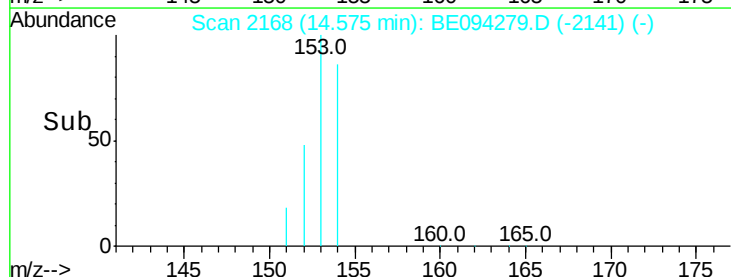
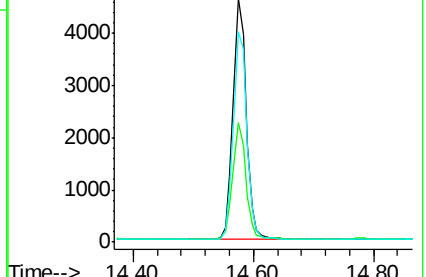
154 86.3 71.4 107.2

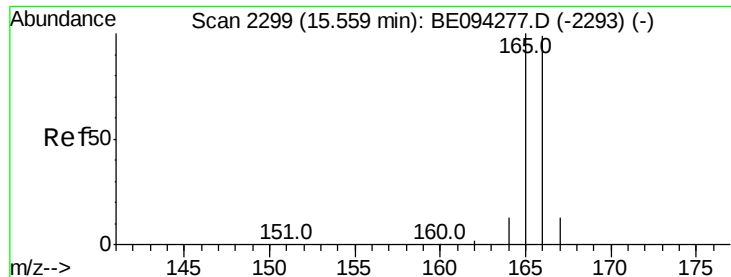


Abundance Ion 153.00 (152.70 to 153.70): E

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: 15.56 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampleId :

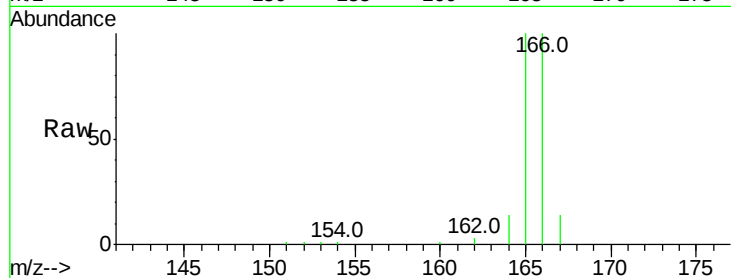
Tot Ion:166 Resp: 8116

Ion Ratio Lower Upper

166 100

165 100.5 73.4 110.2

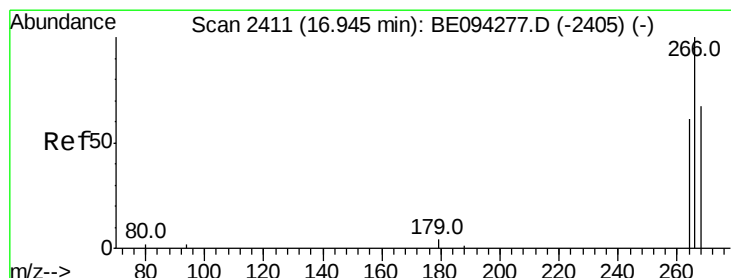
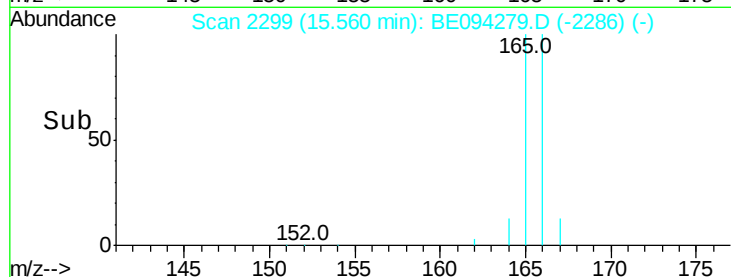
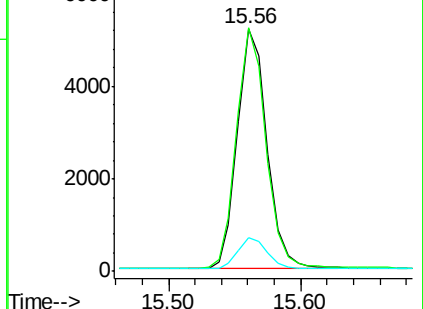
167 14.2 14.6 22.0#



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: 0.263 ng/ul

RT: 16.94 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

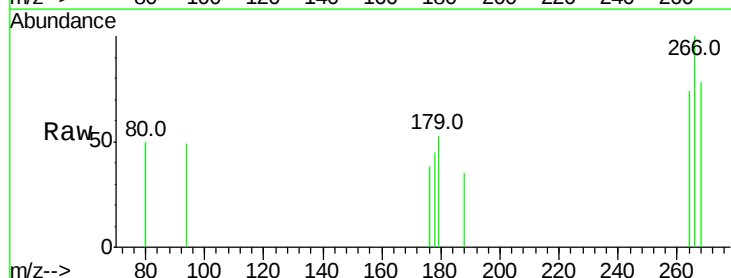
Tgt Ion:266 Resp: 372

Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

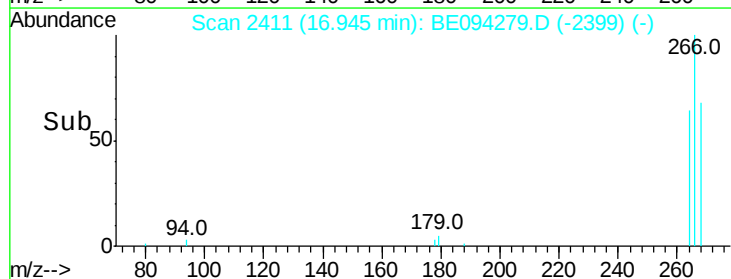
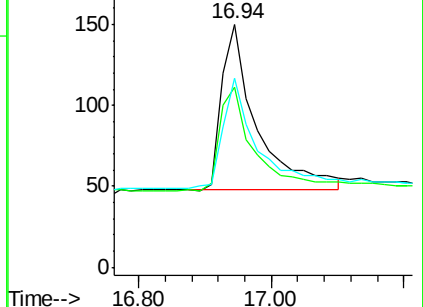
268 64.8 49.8 74.8

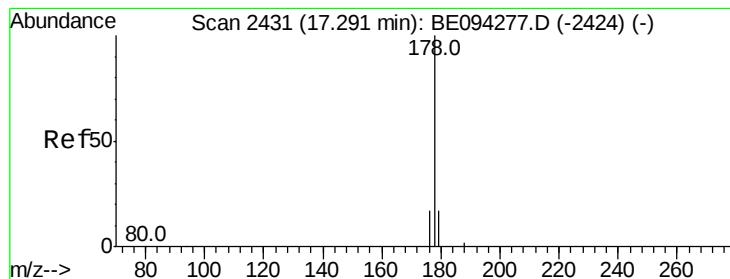


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampled :

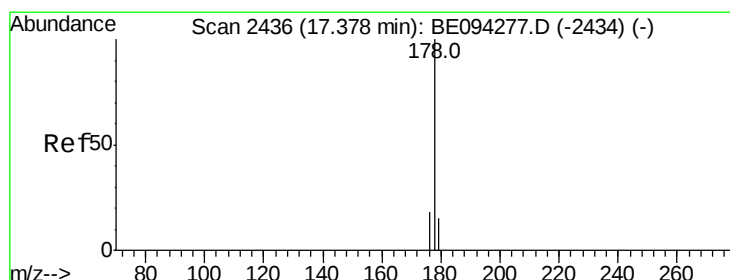
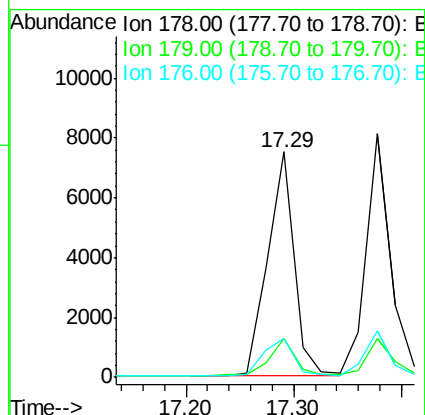
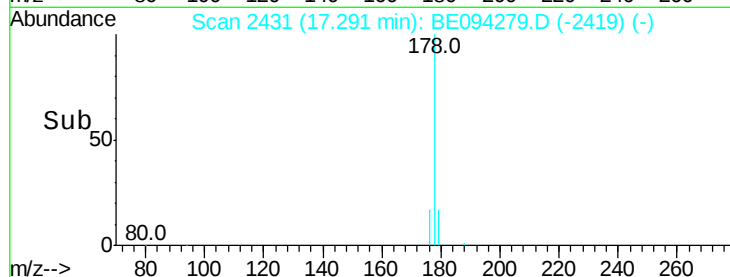
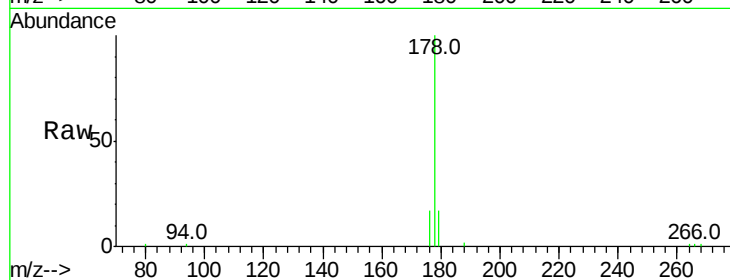
Tot Ion:178 Resp: 12716

Ion Ratio Lower Upper

178 100

179 17.4 18.4 27.6#

176 17.3 13.6 20.4



#13

Anthracene

Concen: 0.419 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

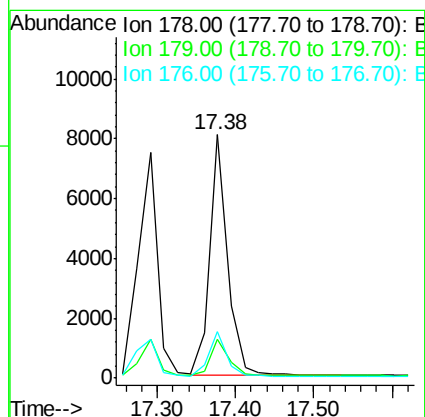
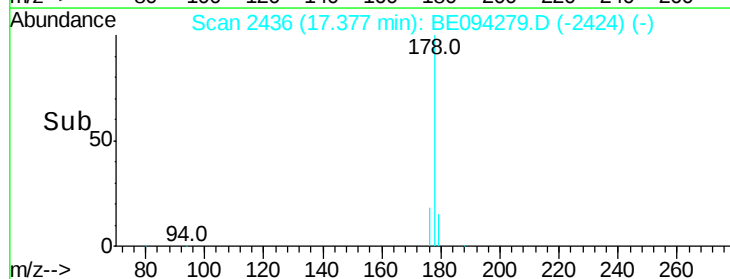
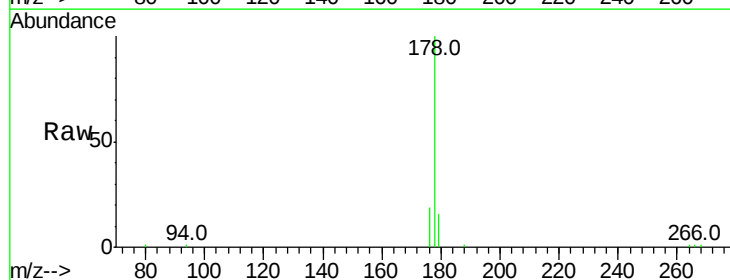
Tgt Ion:178 Resp: 12815

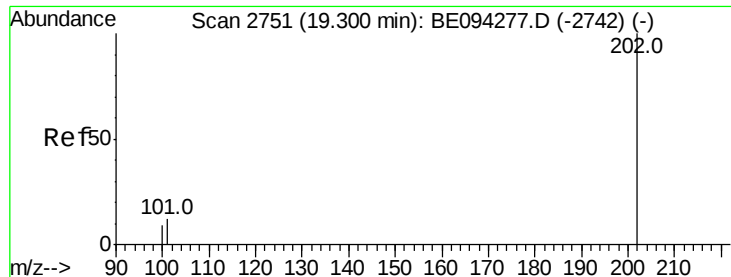
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 19.1 14.7 22.1





#15

Fluoranthene

Concen: 0.355 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampleId :

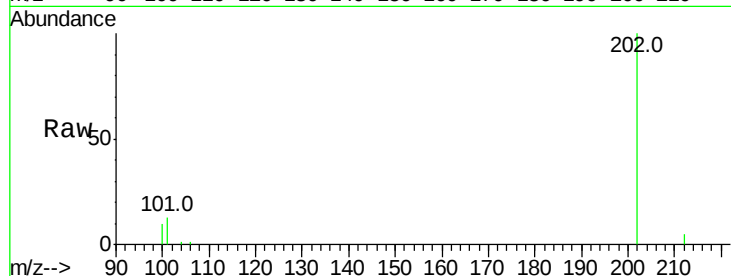
Tot Ion:202 Resp: 14687

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.3

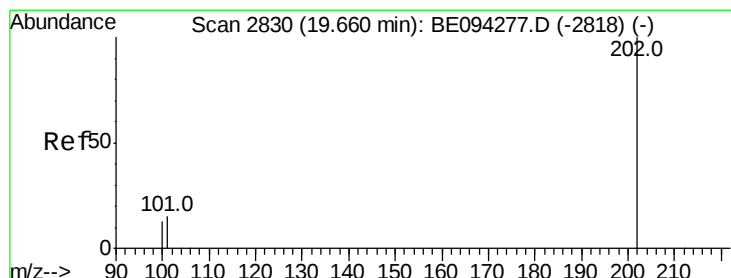
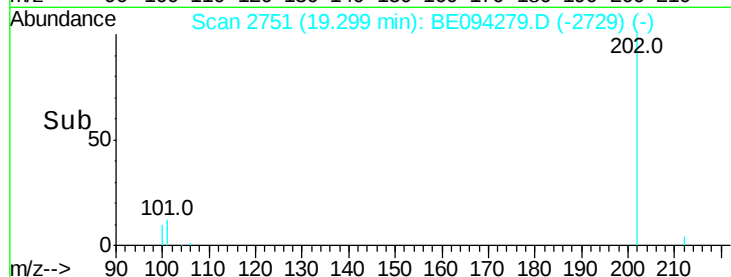
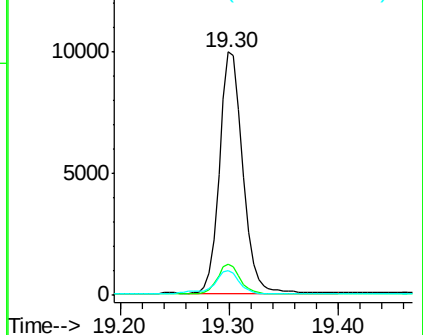
100 10.3 0.0 39.5



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: 0.433 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

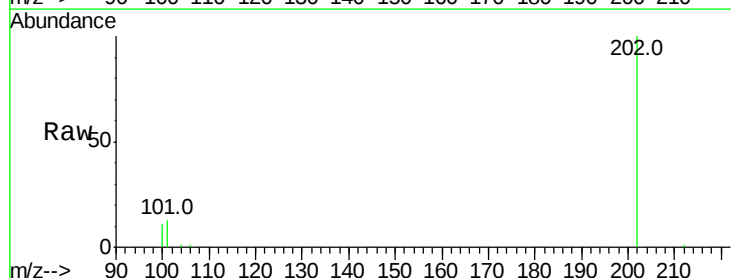
Tgt Ion:202 Resp: 15414

Ion Ratio Lower Upper

202 100

101 13.3 18.2 27.4#

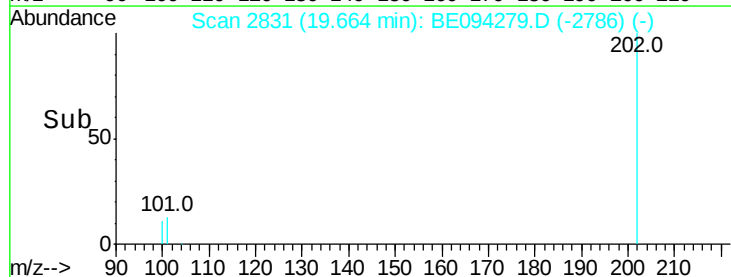
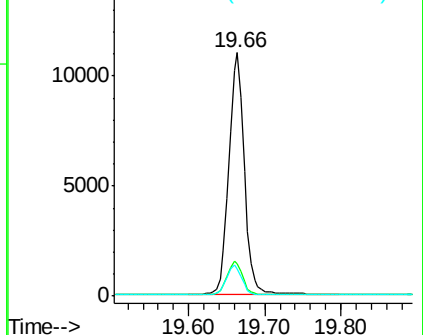
100 11.2 15.6 23.4#

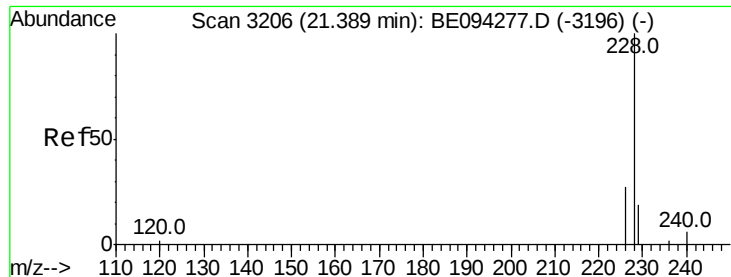


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.451 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampled :

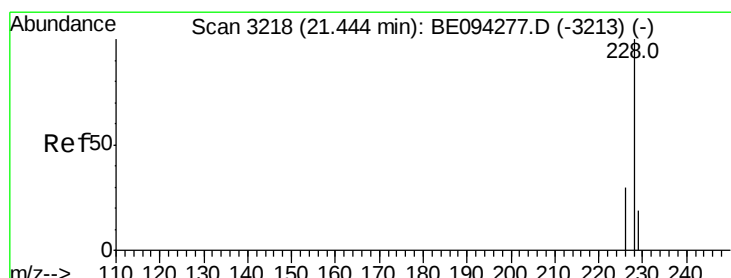
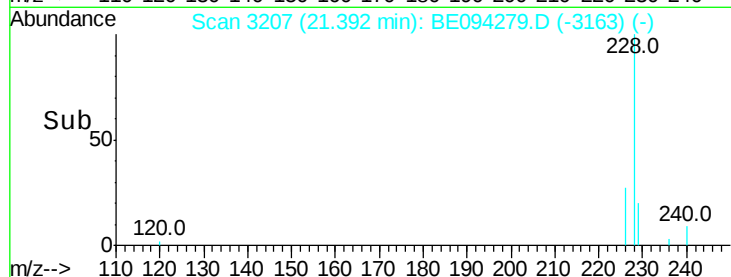
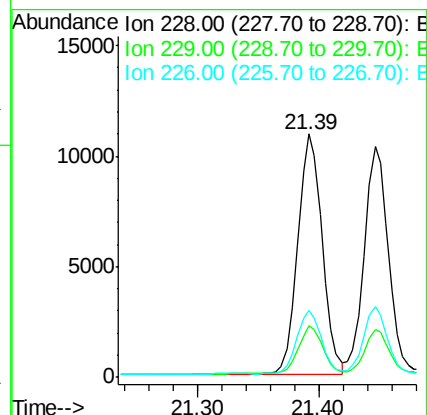
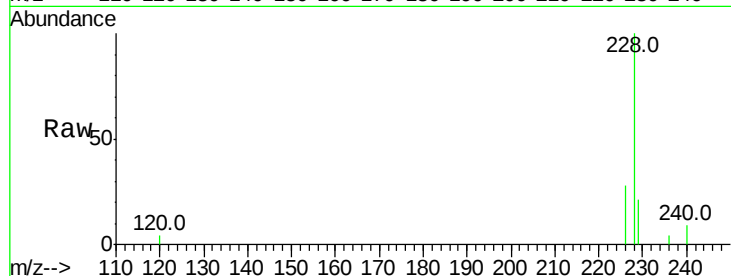
Tot Ion:228 Resp: 15294

Ion Ratio Lower Upper

228 100

229 21.1 22.8 34.2#

226 27.5 17.0 25.6#



#19

Chrysene

Concen: 0.371 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

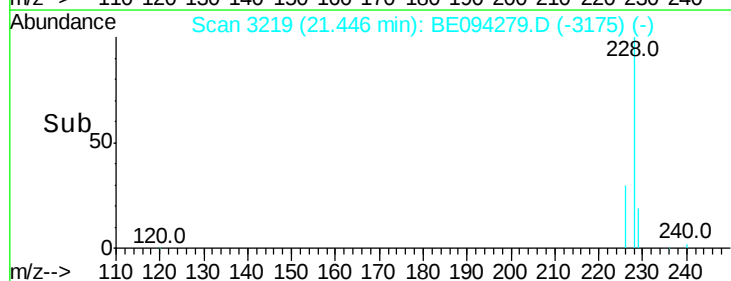
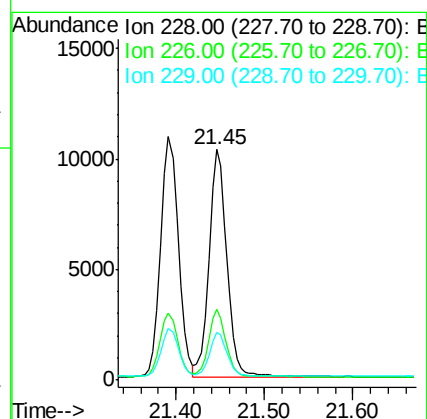
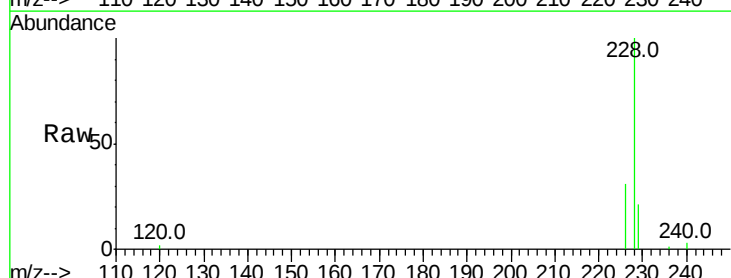
Tgt Ion:228 Resp: 14537

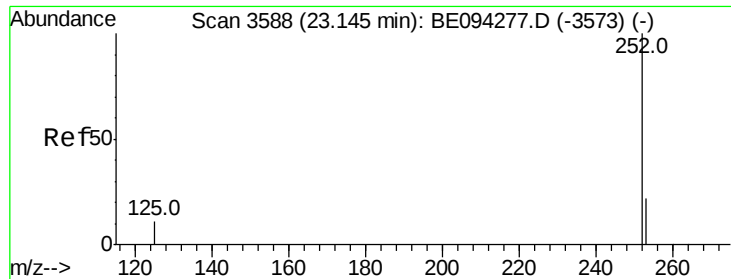
Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 20.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.451 ng/u1

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampleId :

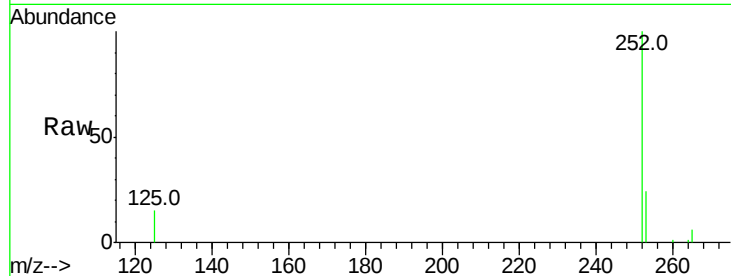
Tot Ion:252 Resp: 14968

Ion Ratio Lower Upper

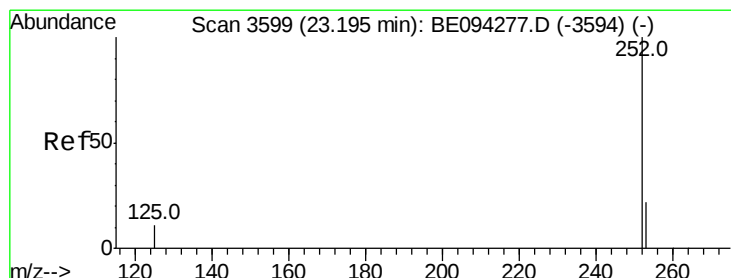
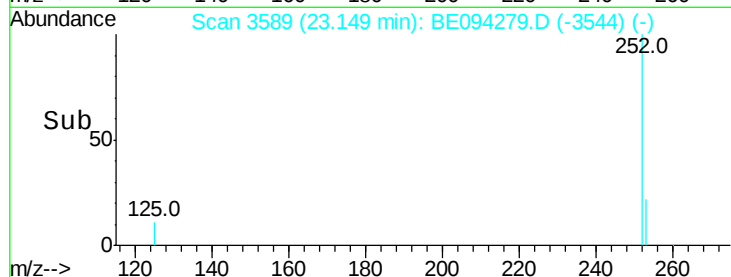
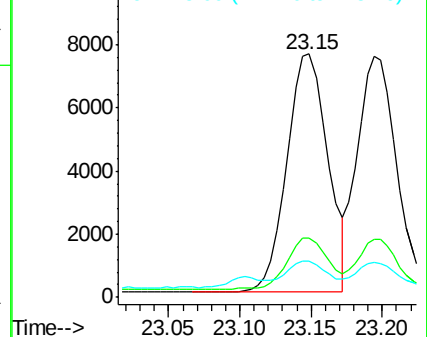
252 100

253 24.4 0.0 64.2

125 14.7 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: 0.379 ng/u1

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

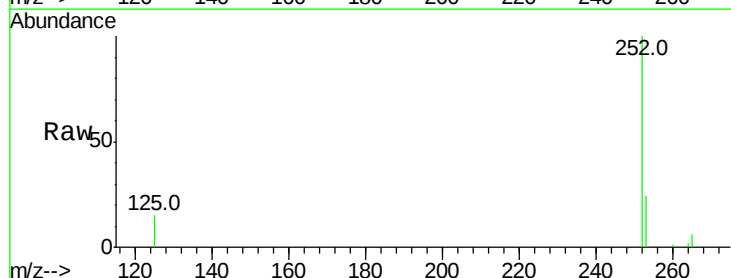
Tgt Ion:252 Resp: 14533

Ion Ratio Lower Upper

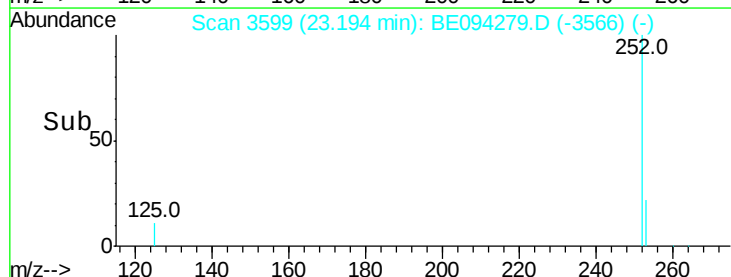
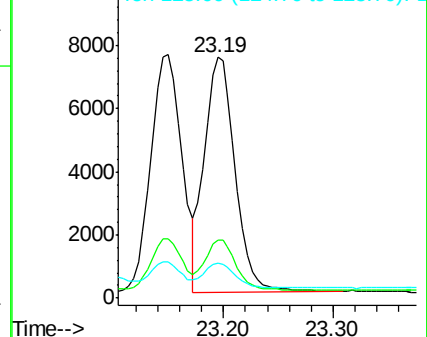
252 100

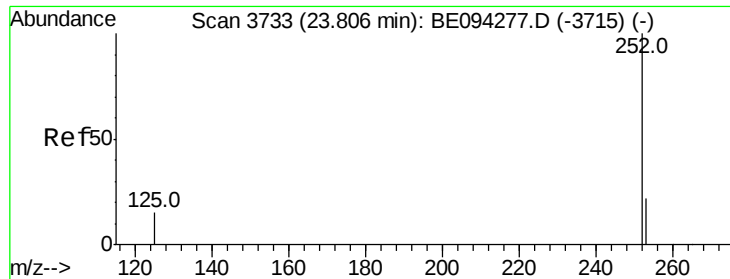
253 24.3 24.5 36.7#

125 14.8 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: 0.408 ng/ul

RT: 23.81 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

Instrument :

BNA_E

ClientSampleId :

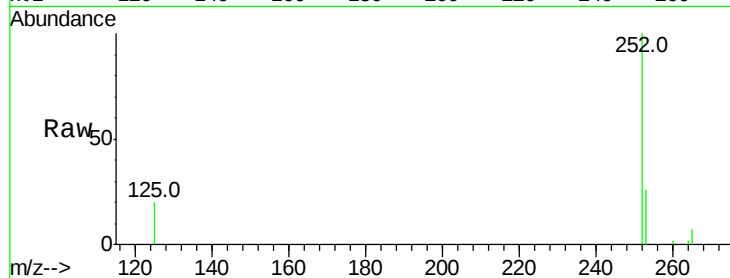
Tot Ion:252 Resp: 14071

Ion Ratio Lower Upper

252 100

253 25.6 28.5 42.7#

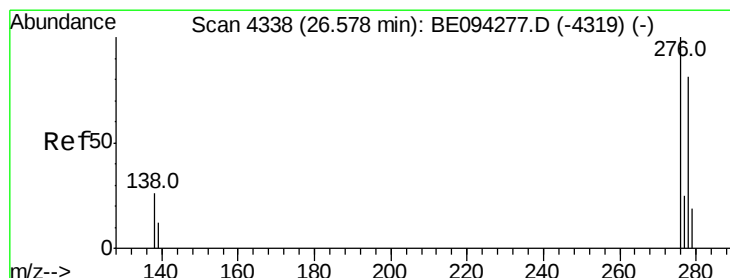
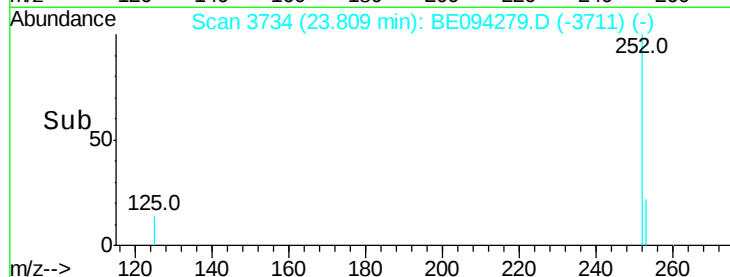
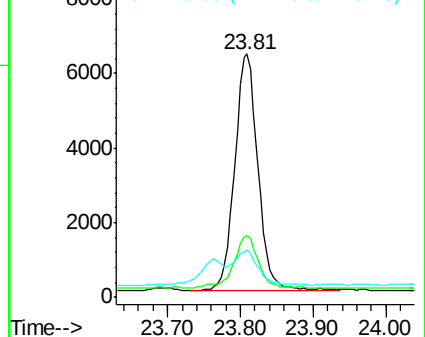
125 19.5 18.1 27.1



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: 0.428 ng/ul

RT: 26.58 min Scan# 4338

Delta R.T. -0.00 min

Lab File: BE094279.D

Acq: 11 Oct 2017 14:56

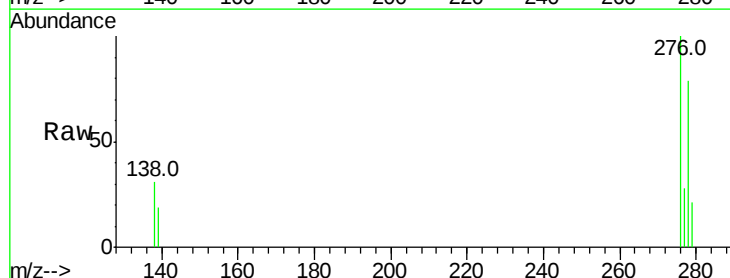
Tgt Ion:276 Resp: 15096

Ion Ratio Lower Upper

276 100

138 26.7 28.0 42.0#

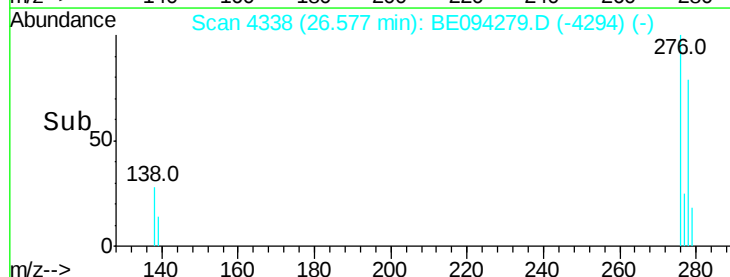
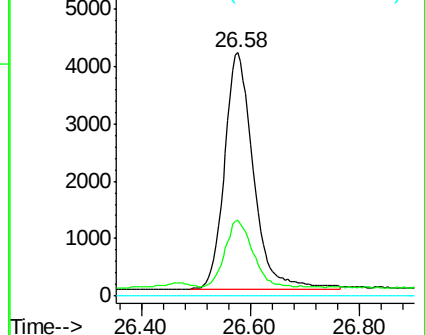
227 0.0 8.0 12.0#

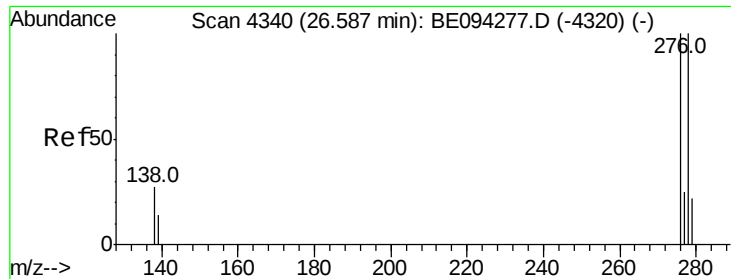


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

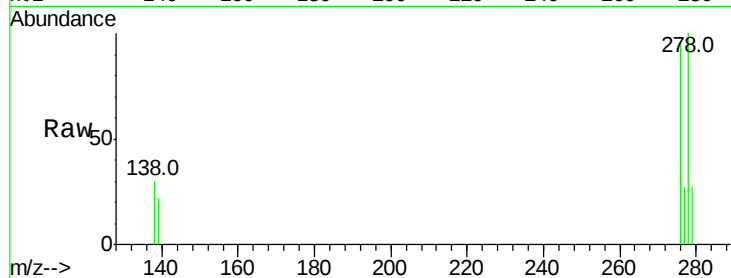




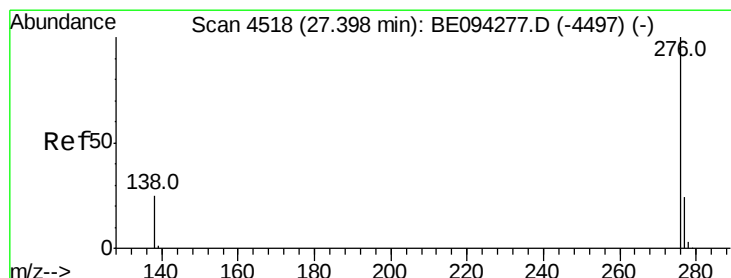
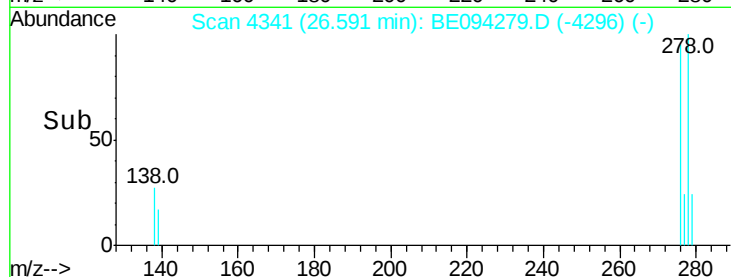
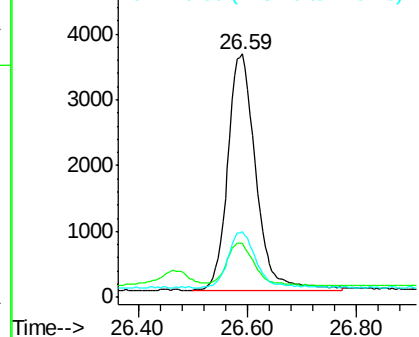
#25
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.59 min Scan# 4341
Delta R.T. 0.00 min
Lab File: BE094279.D
Acq: 11 Oct 2017 14:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 12811
Ion Ratio Lower Upper
278 100
139 22.4 17.4 26.0
279 27.1 25.9 38.9

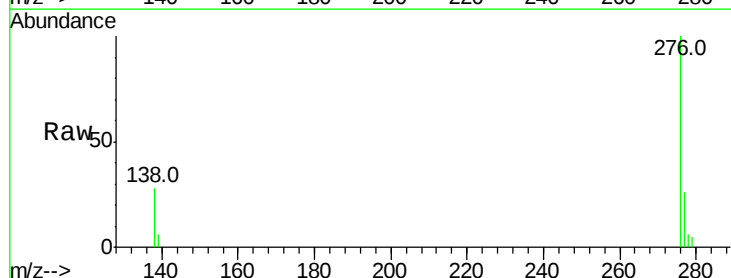


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.40 min Scan# 4518
Delta R.T. -0.00 min
Lab File: BE094279.D
Acq: 11 Oct 2017 14:56

Tgt Ion:276 Resp: 12246
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.8
277 26.5 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

