

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
 Data File : BE094886.D
 Acq On : 28 Nov 2017 16:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.401

Quant Time: Nov 29 01:14:29 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 29 01:10:42 2017
 Response via : Initial Calibration

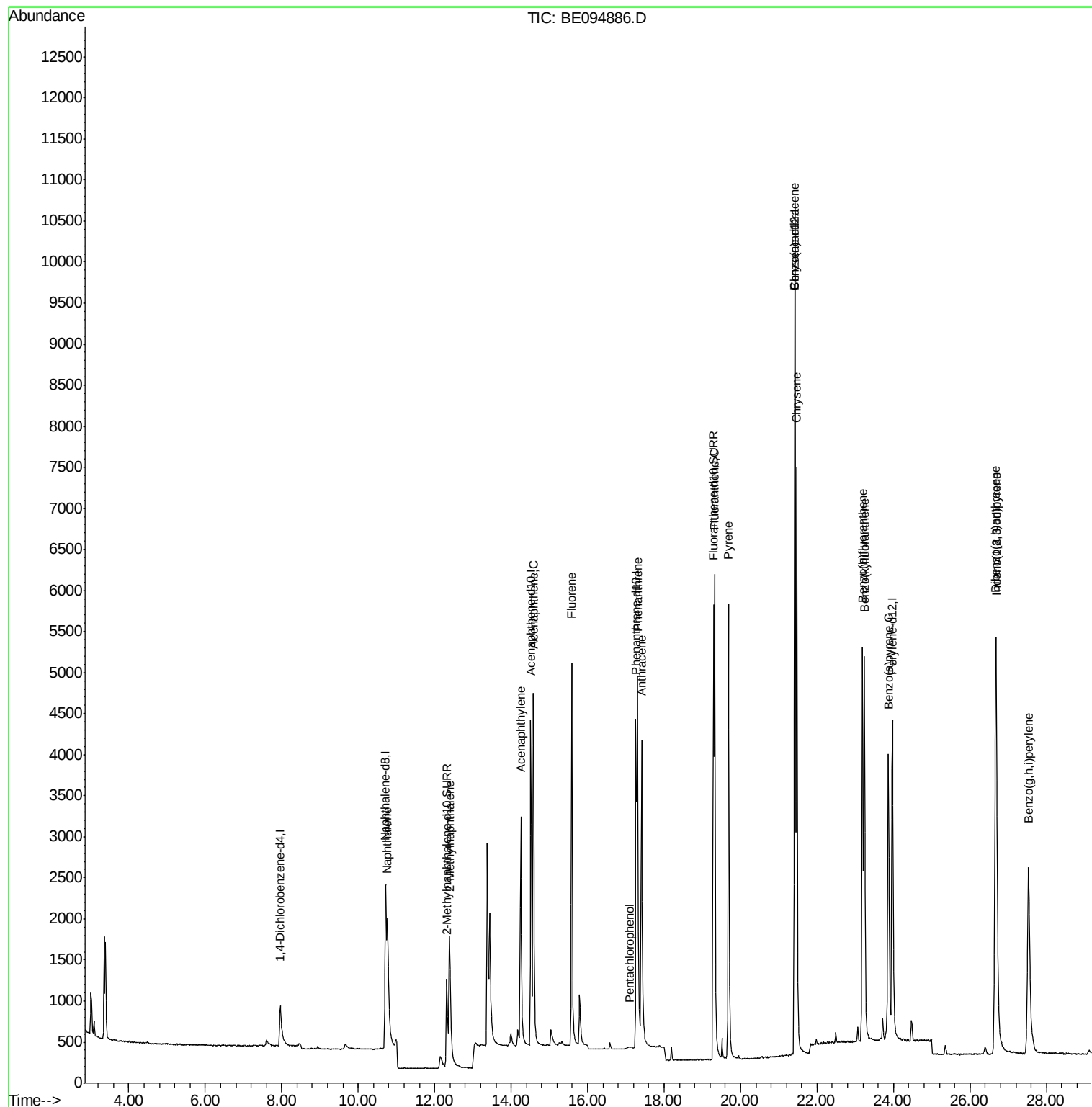
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	620	0.40	ng/ul	0.01
2) Naphthalene-d8	10.72	136	4308	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7404	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7562	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7284	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	2854	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	8318	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	3607	0.35	ng/ul#	95
5) 2-Methylnaphthalene	12.39	142	2768	0.39	ng/ul	98
7) Acenaphthylene	14.25	152	4709	0.33	ng/ul	98
8) Acenaphthene	14.58	153	3471	0.35	ng/ul	99
9) Fluorene	15.58	166	4139	0.34	ng/ul#	94
11) Pentachlorophenol	17.08	266	69	0.18	ng/ul#	86
12) Phenanthrene	17.31	178	6927	0.35	ng/ul#	93
13) Anthracene	17.41	178	6842	0.34	ng/ul#	93
15) Fluoranthene	19.32	202	8274	0.32	ng/ul	84
17) Pyrene	19.68	202	8659	0.37	ng/ul#	78
18) Benzo(a)anthracene	21.41	228	8229	0.36	ng/ul#	87
19) Chrysene	21.47	228	8477	0.37	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	7842	0.36	ng/ul	84
22) Benzo(k)fluoranthene	23.24	252	8239	0.36	ng/ul#	87
23) Benzo(a)pyrene	23.86	252	7849	0.36	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.69	276	8653	0.37	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.67	278	7195	0.36	ng/ul#	89
26) Benzo(g,h,i)perylene	27.53	276	7299	0.37	ng/ul	94

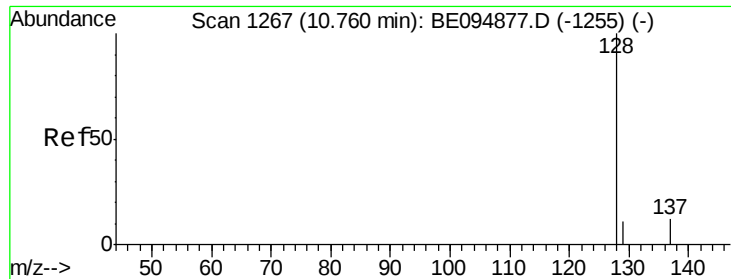
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.77 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

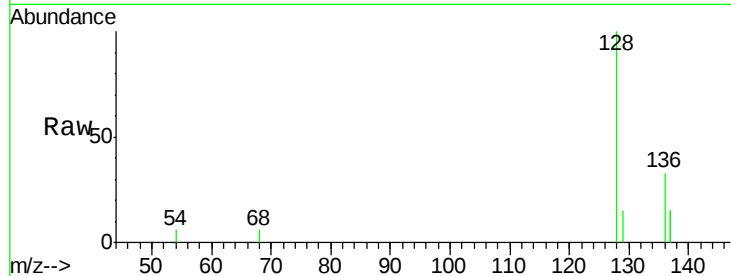
Tot Ion:128 Resp: 3607

Ion Ratio Lower Upper

128 100

129 14.7 11.3 16.9

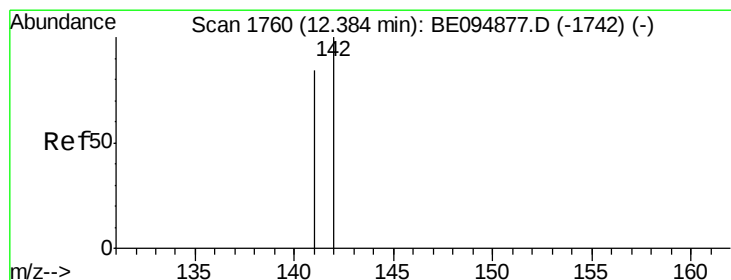
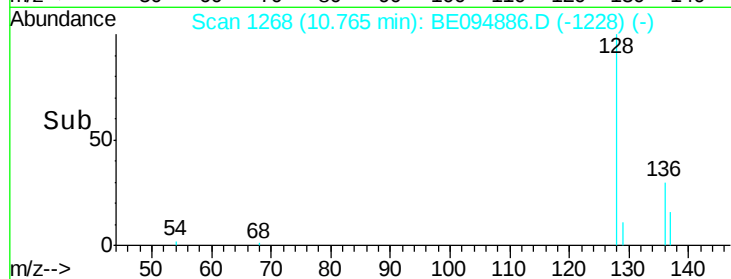
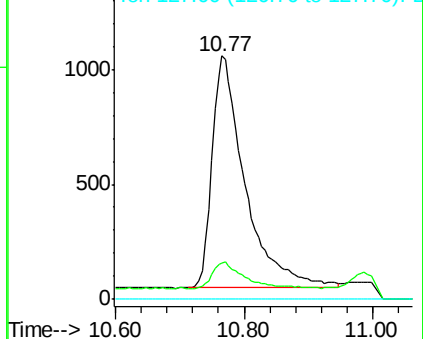
127 0.0 4.0 6.0#



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: 0.39 ng/ul

RT: 12.39 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BE094886.D

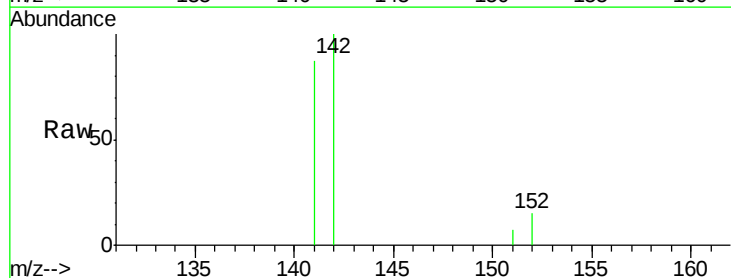
Acq: 28 Nov 2017 16:26

Tgt Ion:142 Resp: 2768

Ion Ratio Lower Upper

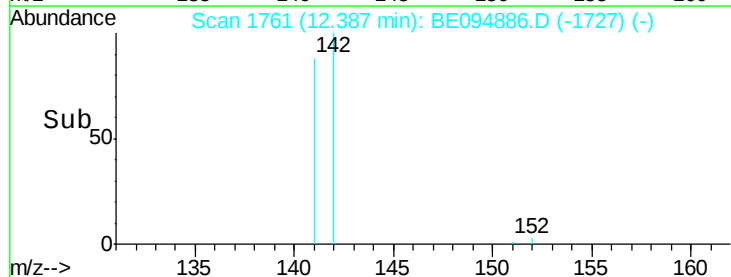
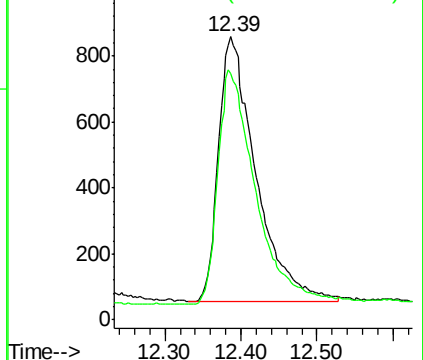
142 100

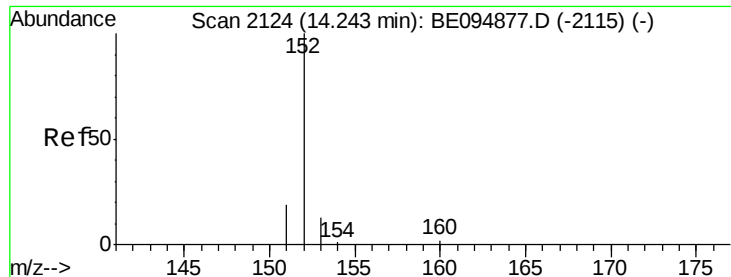
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.33 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

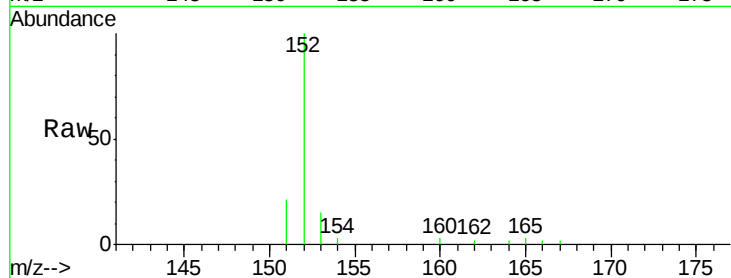
Tot Ion:152 Resp: 4709

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

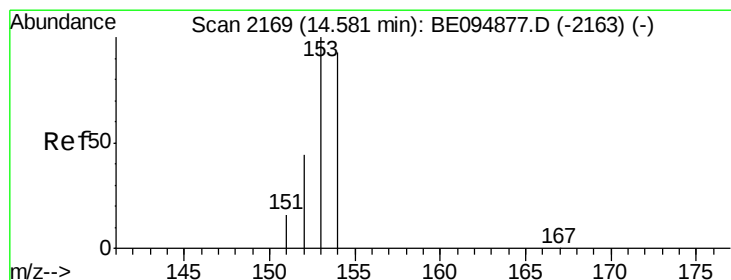
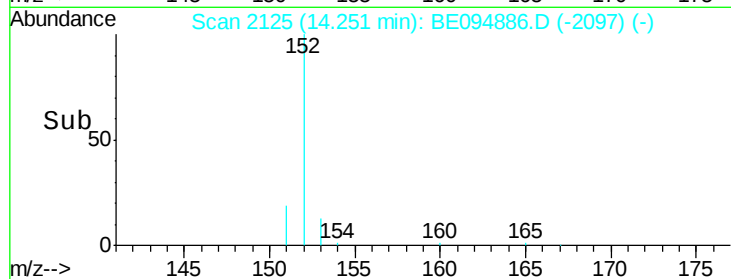
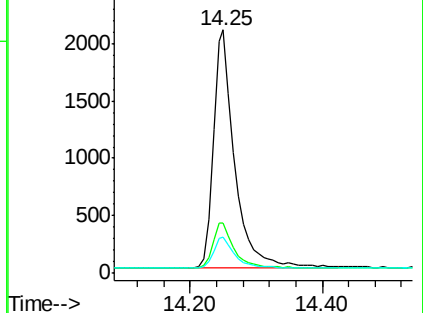
153 15.1 12.8 19.2



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: 0.35 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

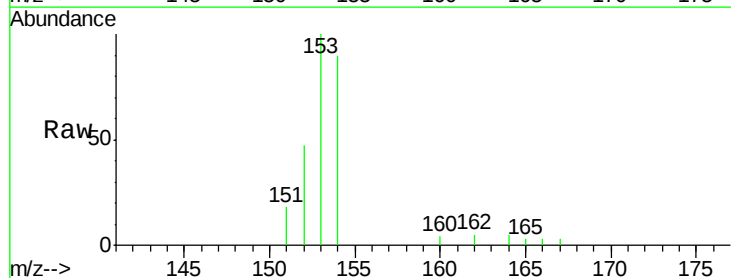
Tgt Ion:153 Resp: 3471

Ion Ratio Lower Upper

153 100

152 47.1 36.0 54.0

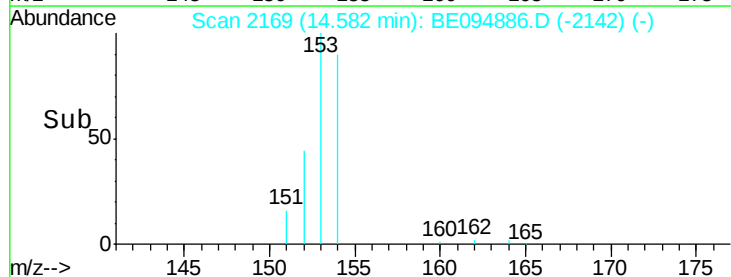
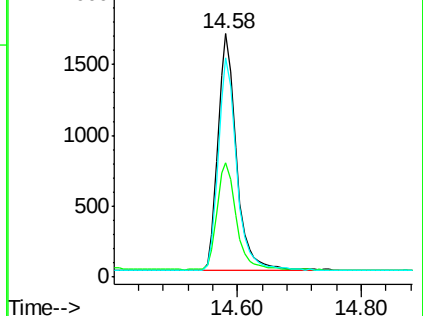
154 89.8 72.0 108.0

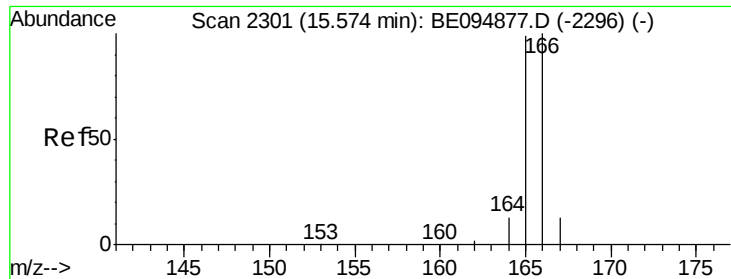


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

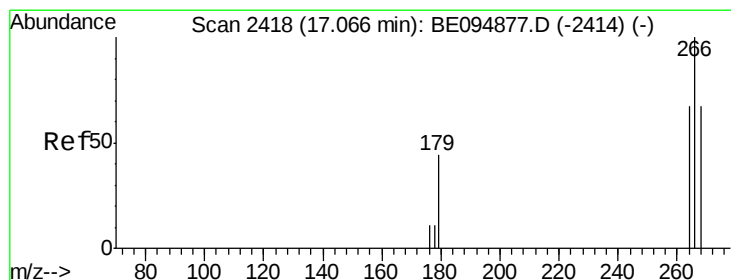
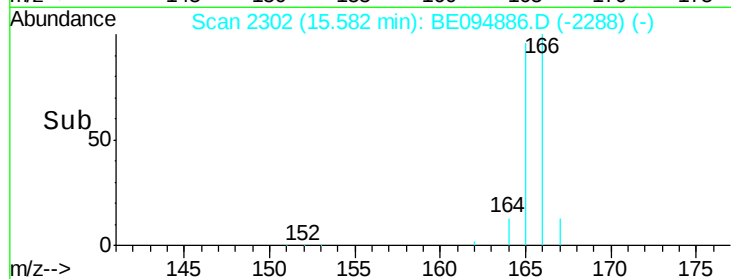
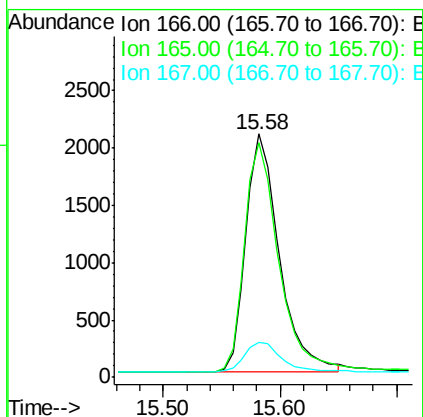
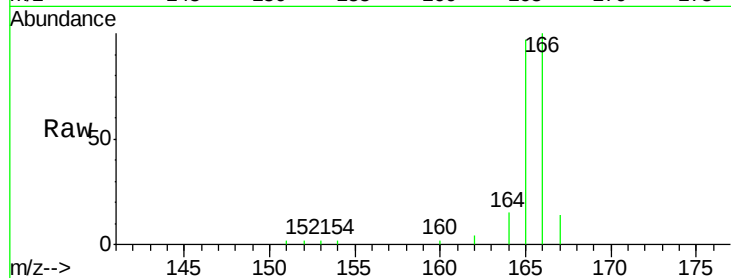




#9
Fluorene
 Concen: 0.34 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: BE094886.D
 Acq: 28 Nov 2017 16:26

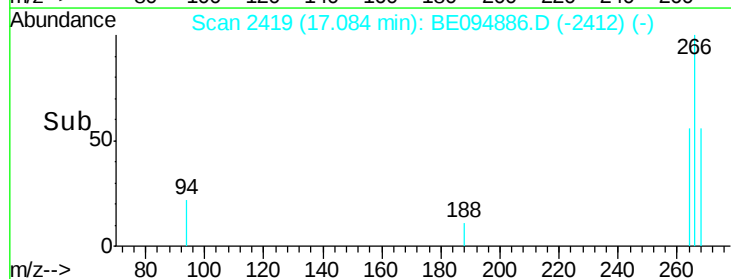
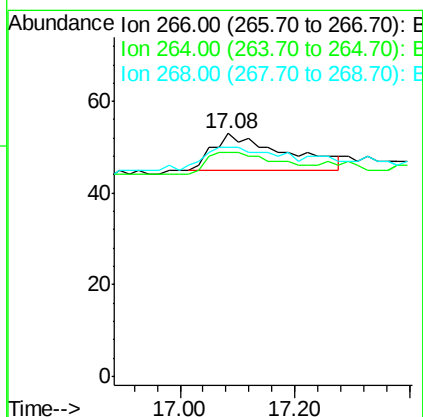
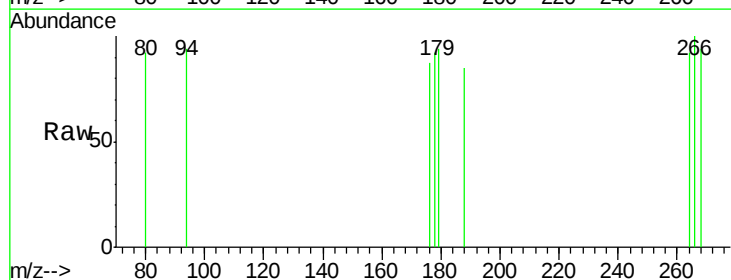
Instrument :
 BNA_E
 ClientSampleId :
 SST0.401

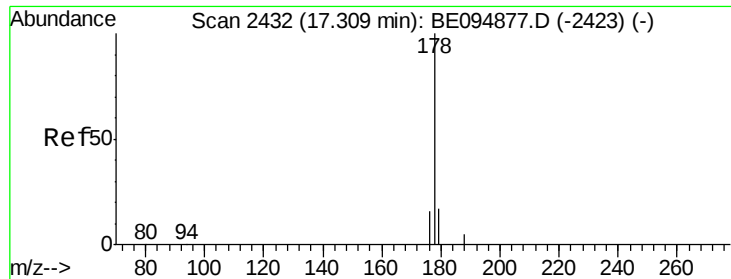
Tot Ion:166 Resp: 4139
 Ion Ratio Lower Upper
 166 100
 165 96.6 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.18 ng/ul
 RT: 17.08 min Scan# 2419
 Delta R.T. 0.02 min
 Lab File: BE094886.D
 Acq: 28 Nov 2017 16:26

Tgt Ion:266 Resp: 69
 Ion Ratio Lower Upper
 266 100
 264 62.3 47.9 71.9
 268 81.2 49.8 74.8#

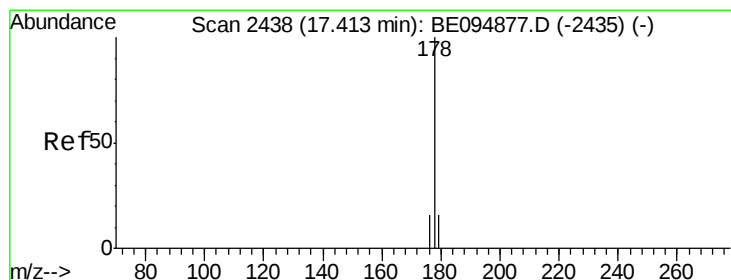
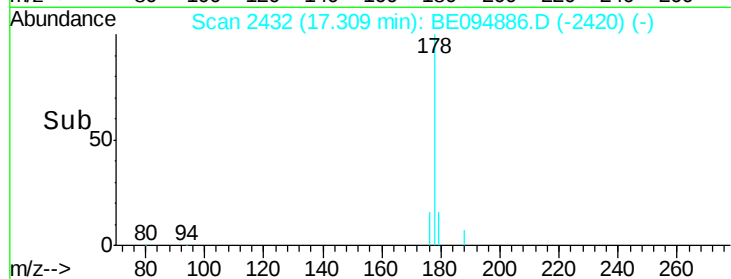
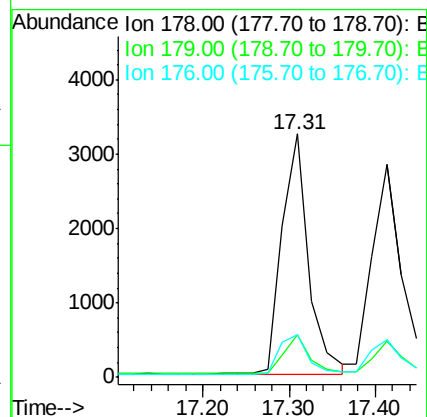
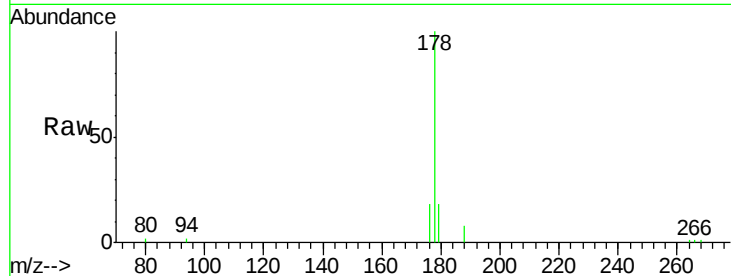




#12
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE094886.D
Acq: 28 Nov 2017 16:26

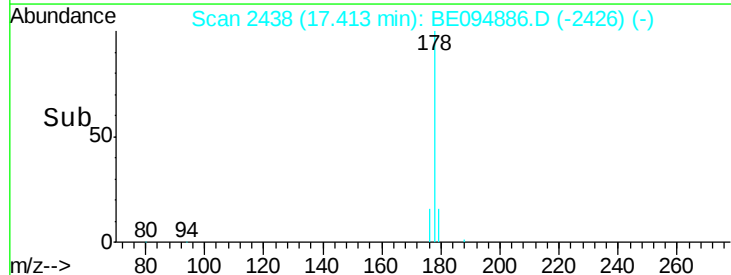
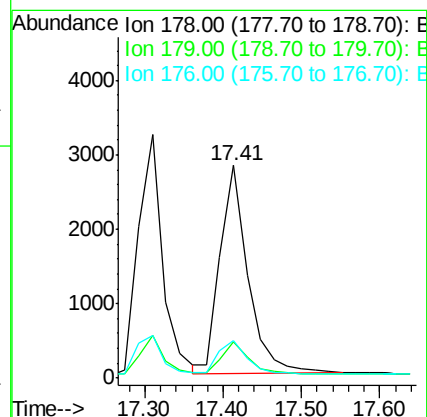
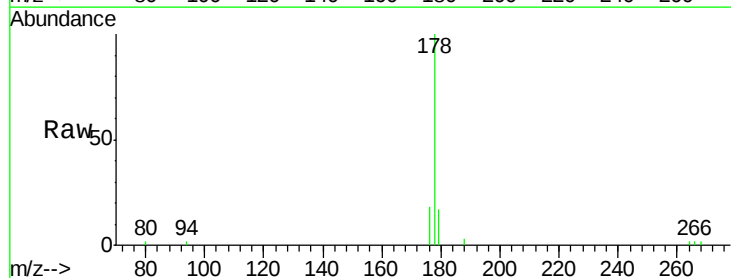
Instrument :
BNA_E
ClientSampleId :
SSTD0.401

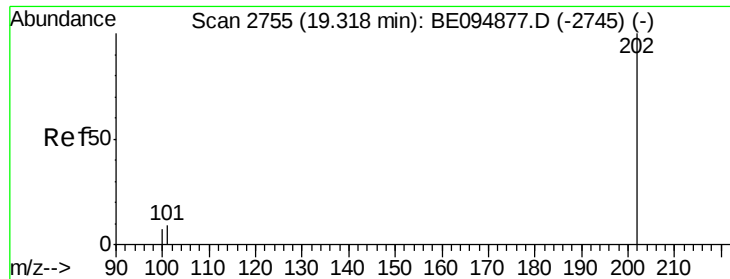
Tot Ion:178 Resp: 6927
Ion Ratio Lower Upper
178 100
179 17.6 18.4 27.6#
176 17.5 13.6 20.4



#13
Anthracene
Concen: 0.34 ng/ul
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BE094886.D
Acq: 28 Nov 2017 16:26

Tgt Ion:178 Resp: 6842
Ion Ratio Lower Upper
178 100
179 17.3 18.1 27.1#
176 17.6 14.7 22.1





#15

Fluoranthene

Concen: 0.32 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

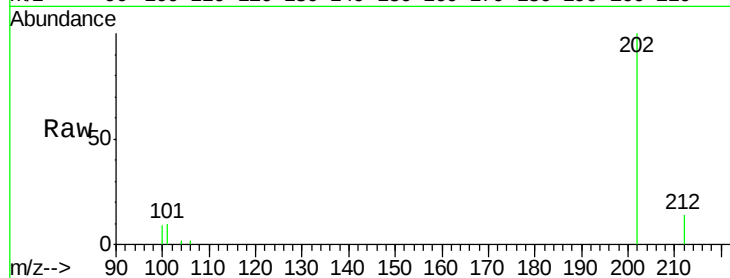
Tot Ion:202 Resp: 8274

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

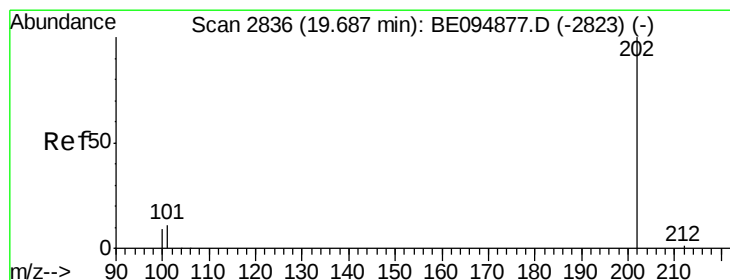
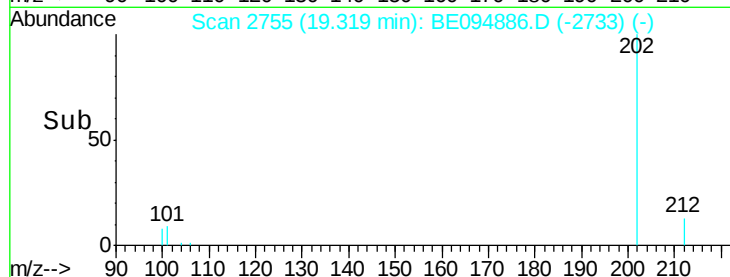
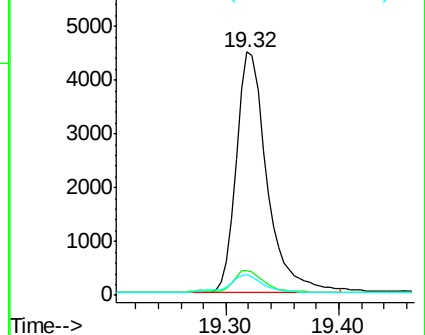
100 8.5 0.0 39.5



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: 0.37 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

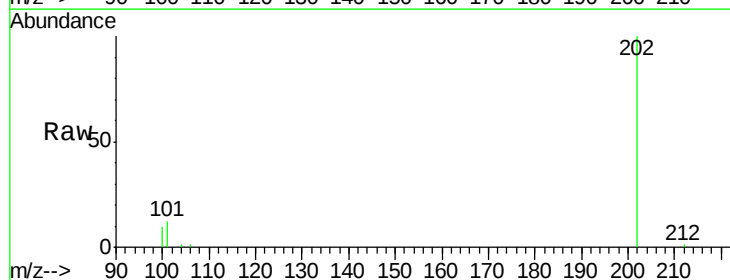
Tgt Ion:202 Resp: 8659

Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

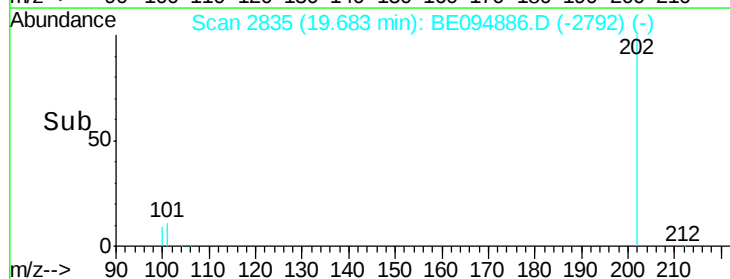
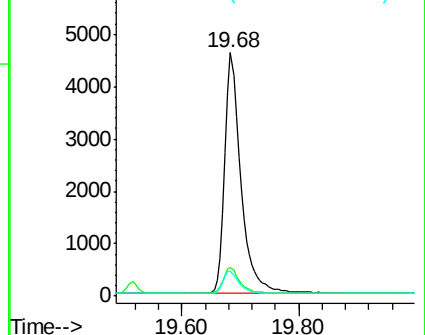
100 9.9 15.6 23.4#

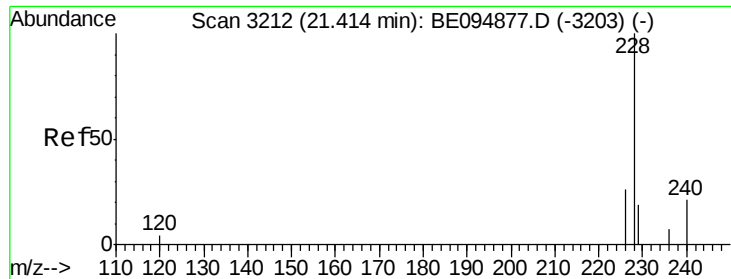


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.36 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

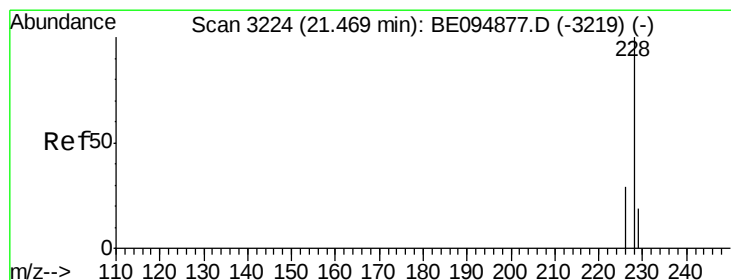
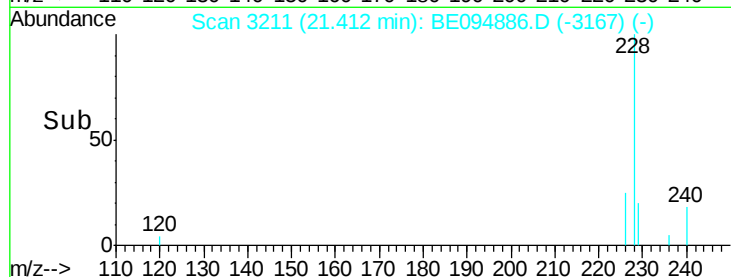
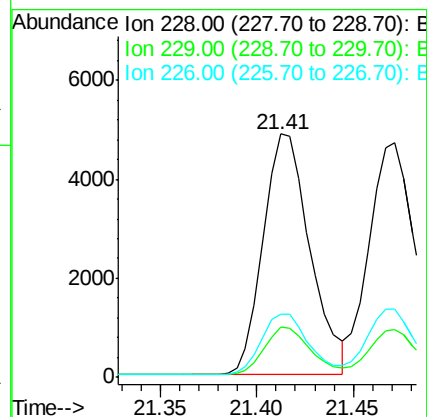
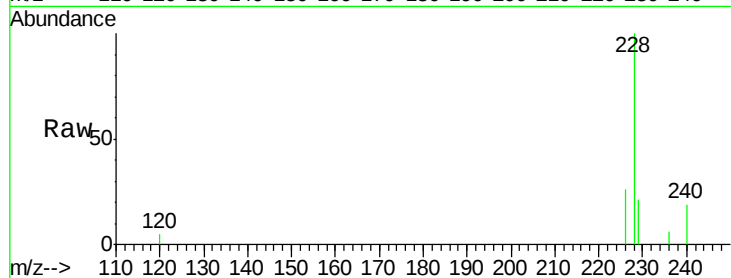
Tot Ion:228 Resp: 8229

Ion Ratio Lower Upper

228 100

229 20.7 22.8 34.2#

226 26.0 17.0 25.6#



#19

Chrysene

Concen: 0.37 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

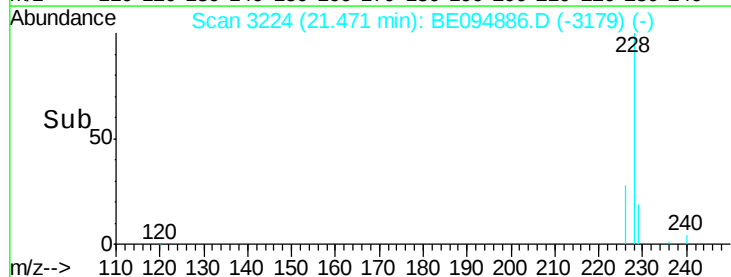
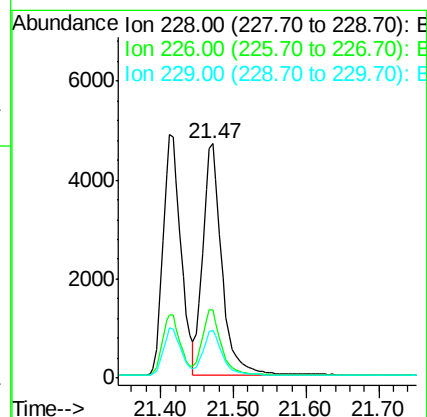
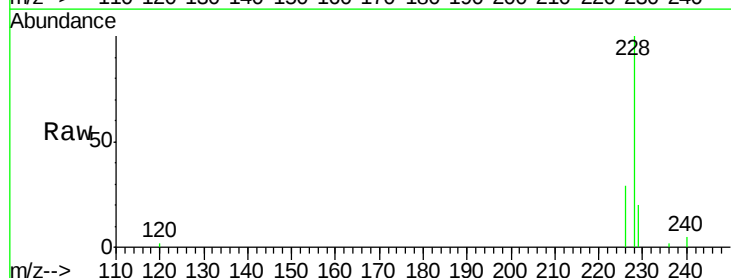
Tgt Ion:228 Resp: 8477

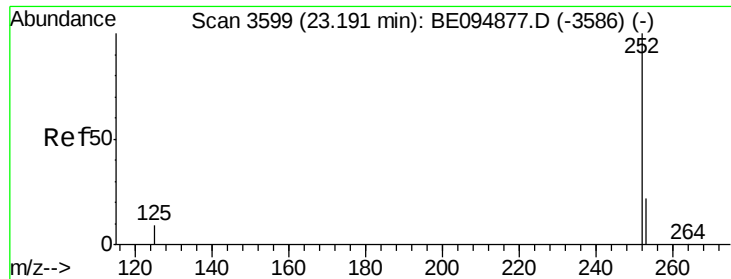
Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

229 20.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.36 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

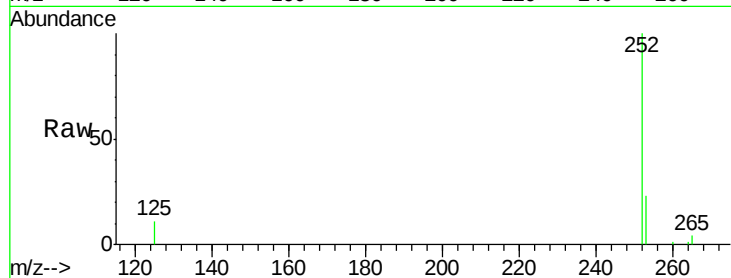
Tot Ion:252 Resp: 7842

Ion Ratio Lower Upper

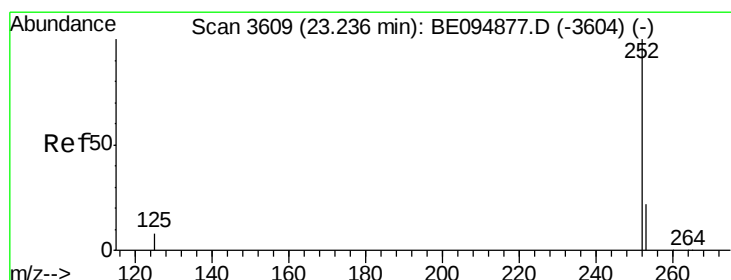
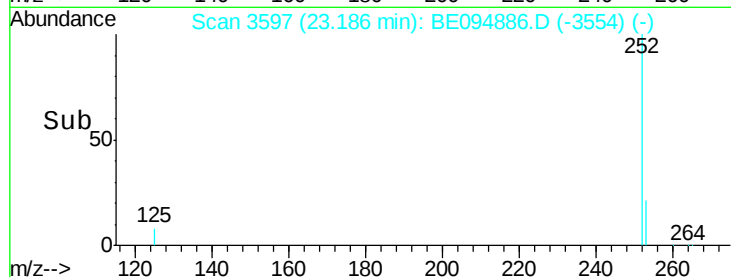
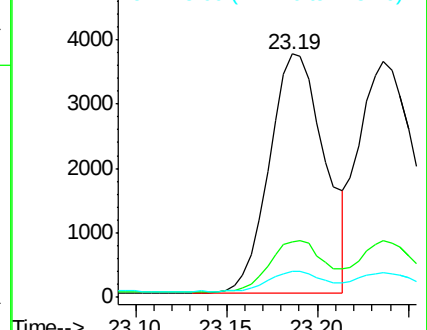
252 100

253 22.9 0.0 64.2

125 10.6 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: 0.36 ng/ul

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

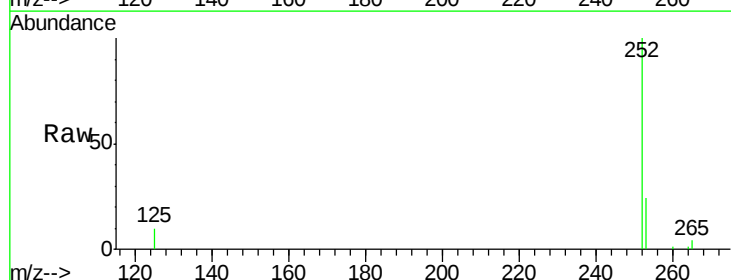
Tgt Ion:252 Resp: 8239

Ion Ratio Lower Upper

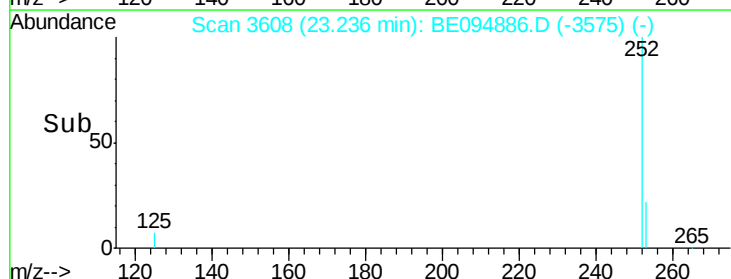
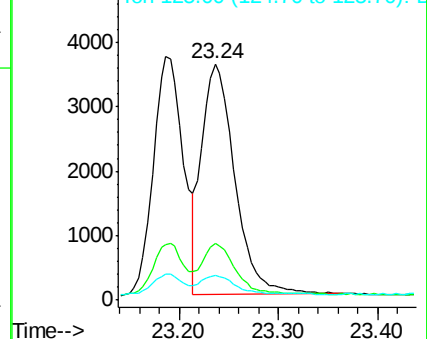
252 100

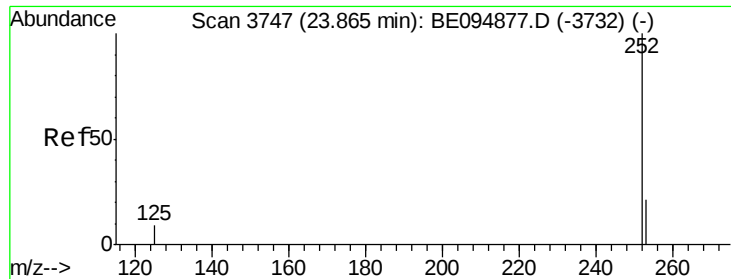
253 24.0 24.5 36.7#

125 10.4 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: 0.36 ng/ul

RT: 23.86 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

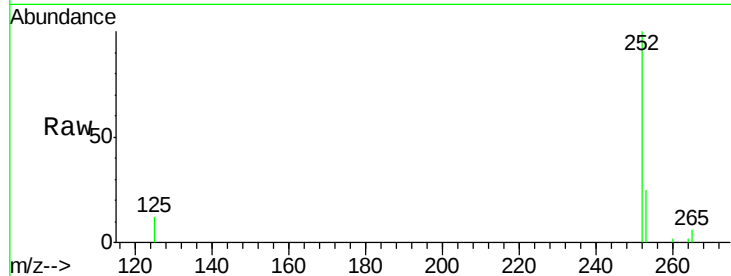
Tot Ion:252 Resp: 7849

Ion Ratio Lower Upper

252 100

253 24.8 28.5 42.7#

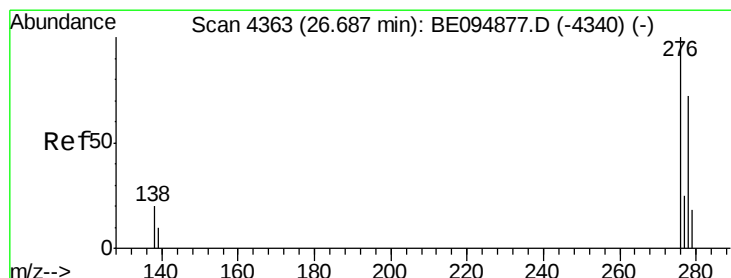
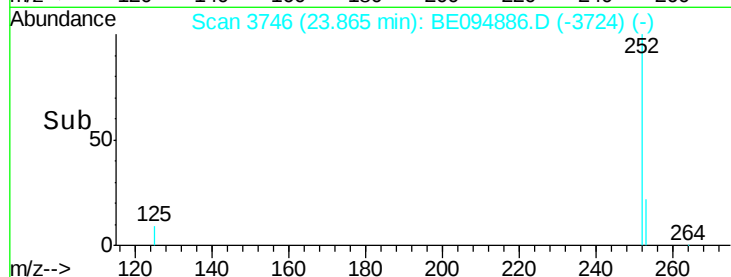
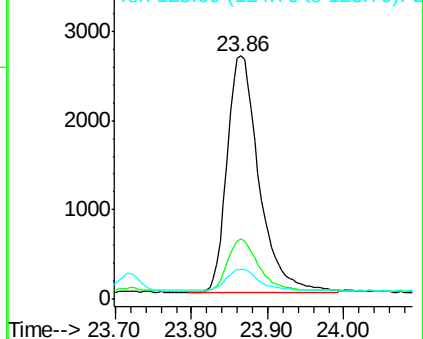
125 12.5 18.1 27.1#



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: 0.37 ng/ul

RT: 26.69 min Scan# 4362

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

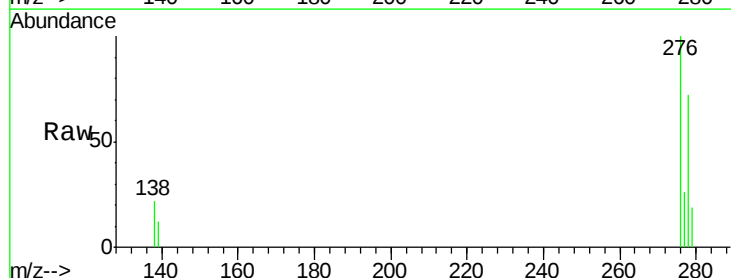
Tgt Ion:276 Resp: 8653

Ion Ratio Lower Upper

276 100

138 21.4 28.0 42.0#

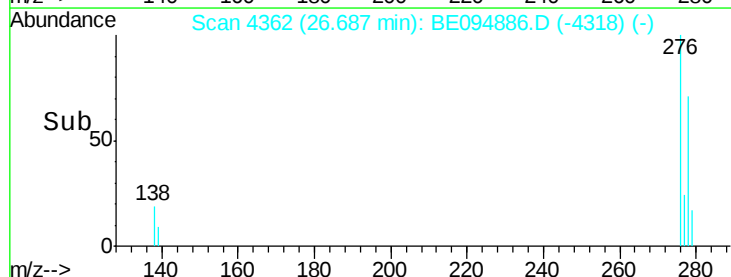
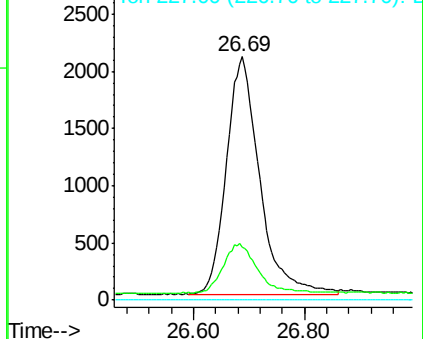
227 0.0 8.0 12.0#

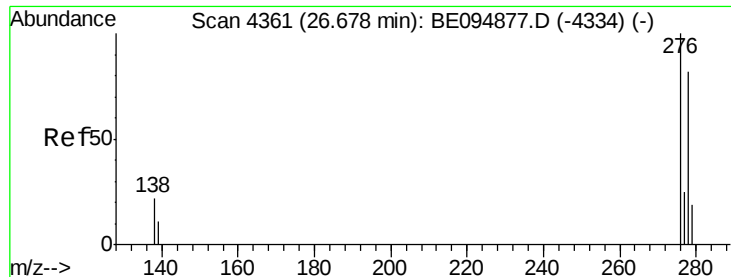


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.36 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

Instrument :

BNA_E

ClientSampleId :

SSTD0.401

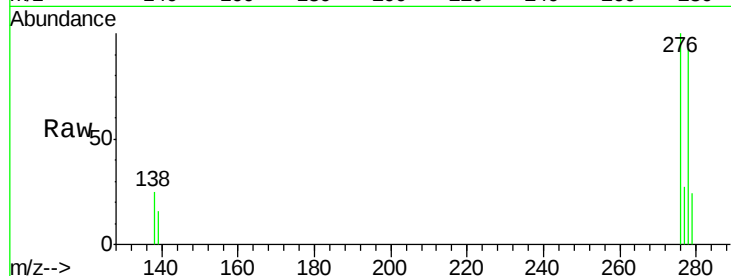
Tot Ion:278 Resp: 7195

Ion Ratio Lower Upper

278 100

139 17.3 17.4 26.0#

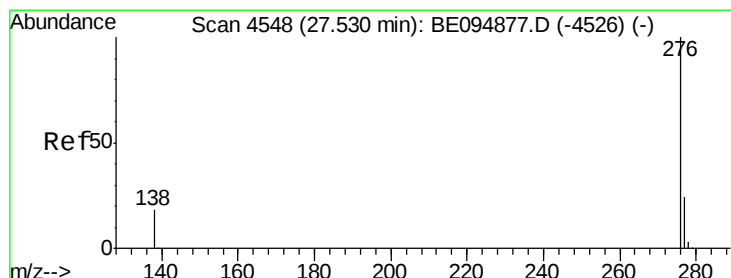
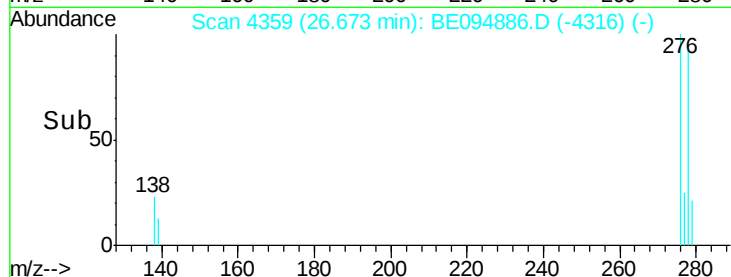
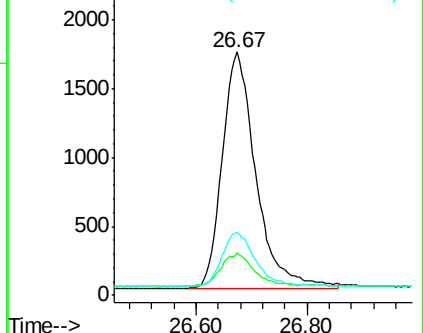
279 25.9 25.9 38.9#



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: 0.37 ng/ul

RT: 27.53 min Scan# 4548

Delta R.T. 0.00 min

Lab File: BE094886.D

Acq: 28 Nov 2017 16:26

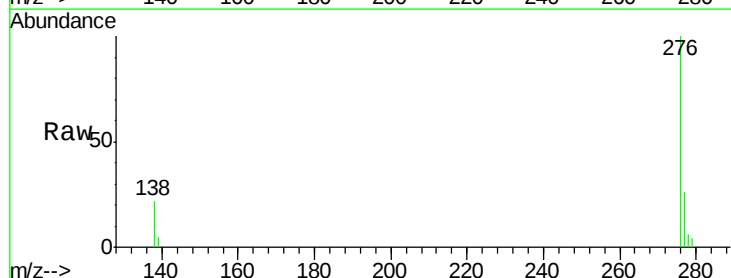
Tgt Ion:276 Resp: 7299

Ion Ratio Lower Upper

276 100

138 22.2 21.8 32.8

277 26.4 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

