

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094855.D
 Acq On : 23 Nov 2017 4:57
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 22:26:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	639	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	4169	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3061	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7576	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8214	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7977	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	2788	0.41	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	9025	0.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	3603	0.36	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	2803	0.41	ng/ul	99
7) Acenaphthylene	14.24	152	4915	0.35	ng/ul	97
8) Acenaphthene	14.57	153	3583	0.36	ng/ul	97
9) Fluorene	15.57	166	4306	0.36	ng/ul	95
11) Pentachlorophenol	17.00	266	173	0.43	ng/ul	93
12) Phenanthrene	17.29	178	7445	0.37	ng/ul#	89
13) Anthracene	17.40	178	7274	0.35	ng/ul#	93
15) Fluoranthene	19.31	202	9176	0.34	ng/ul	84
17) Pyrene	19.68	202	9660	0.38	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	9122	0.37	ng/ul#	87
19) Chrysene	21.46	228	9152	0.37	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	8498	0.36	ng/ul	87
22) Benzo(k)fluoranthene	23.23	252	9119	0.36	ng/ul#	89
23) Benzo(a)pyrene	23.86	252	8618	0.36	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.67	276	9494	0.37	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.66	278	8042	0.37	ng/ul	92
26) Benzo(g,h,i)perylene	27.52	276	8040	0.37	ng/ul	94

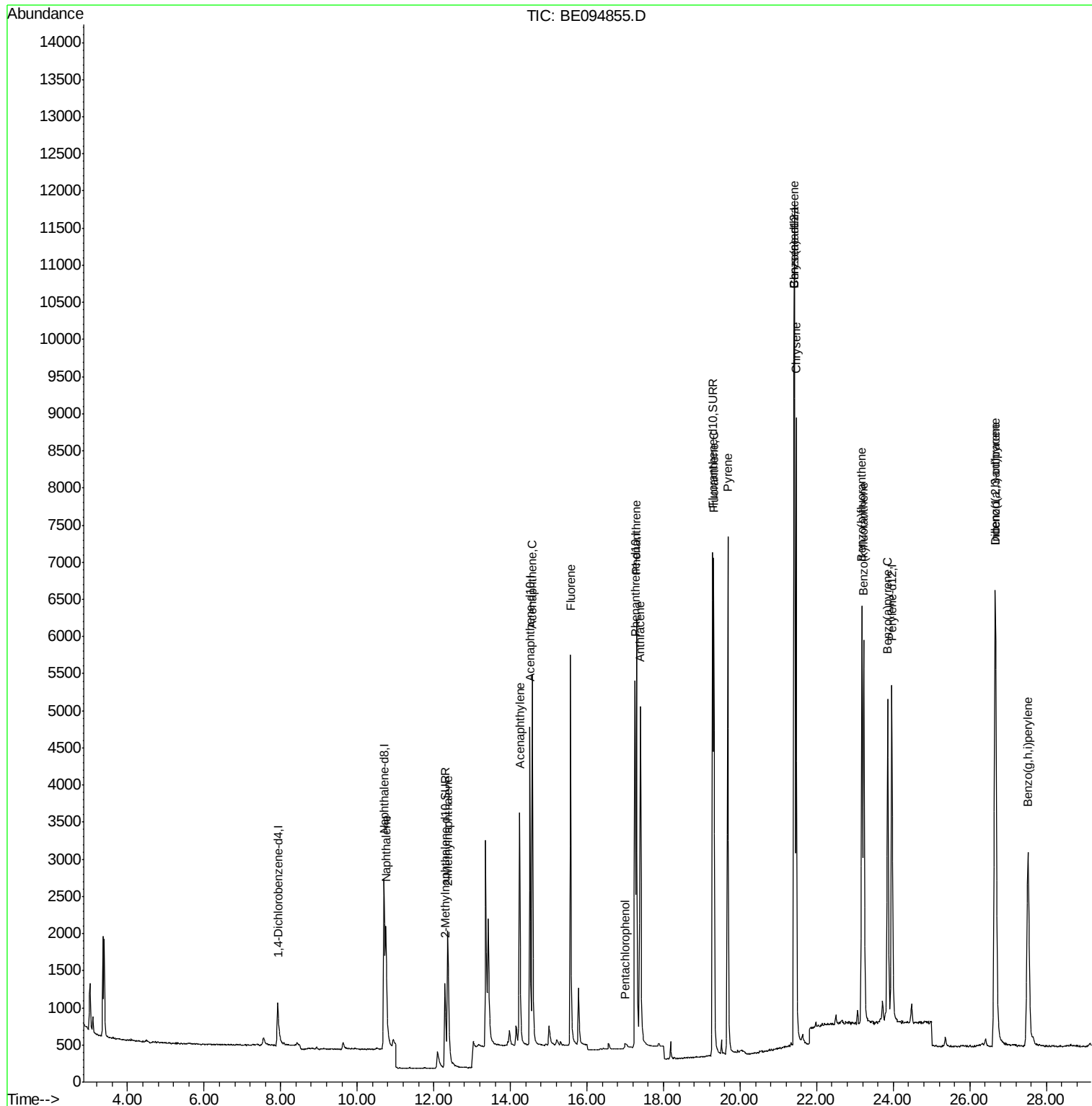
(#) = qualifier out of range (m) = manual integration (+) = signals summed

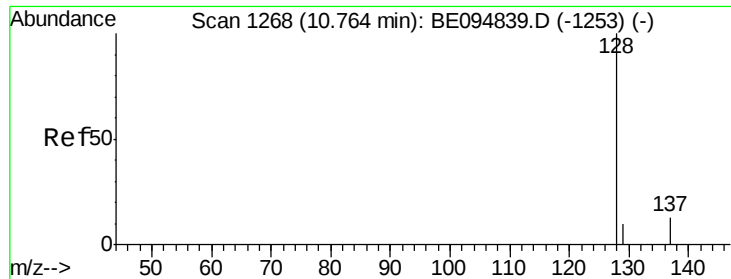
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Acq On    : 23 Nov 2017    4:57
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Sample    : SSTCCCC0.4
Misc      :
ALS Vial  : 2    Sample Multiplier: 1

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Quant Time: Nov 23 22:26:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE11417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

Instrument :

BNA_E

ClientSampleId :

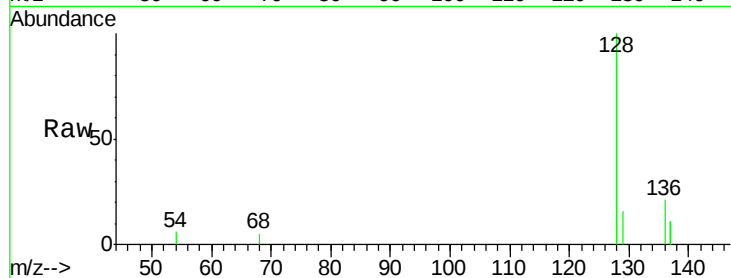
Tot Ion:128 Resp: 3603

Ion Ratio Lower Upper

128 100

129 15.7 11.3 16.9

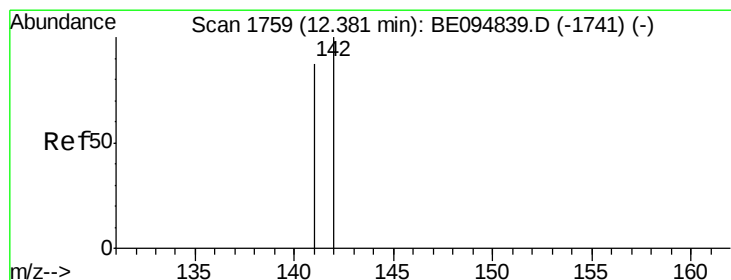
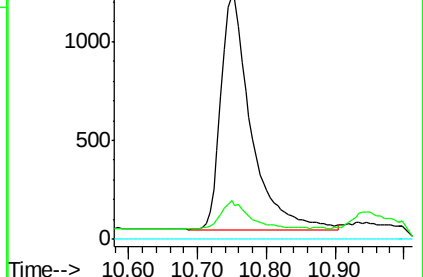
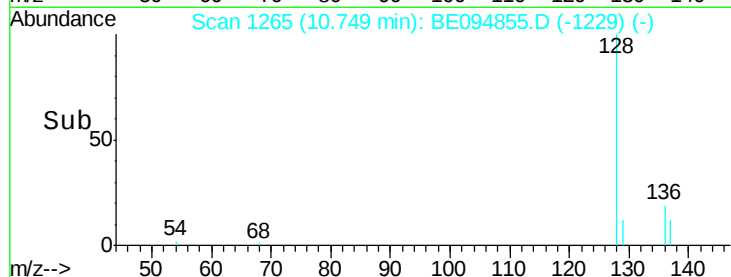
127 0.0 4.0 6.0#



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: 0.41 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BE094855.D

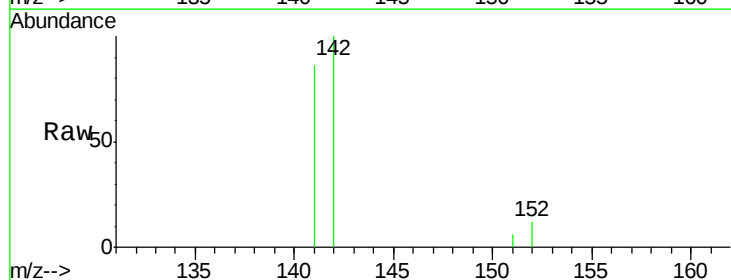
Acq: 23 Nov 2017 4:57

Tgt Ion:142 Resp: 2803

Ion Ratio Lower Upper

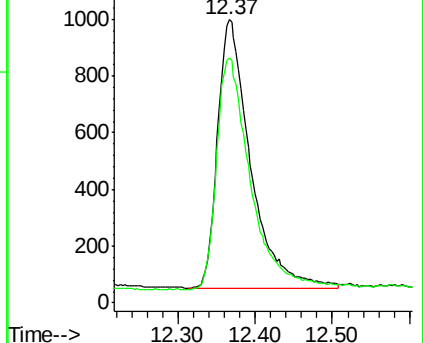
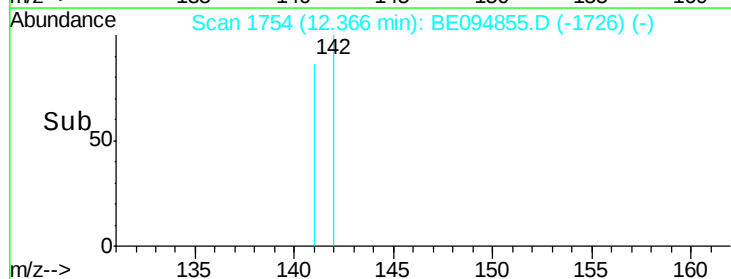
142 100

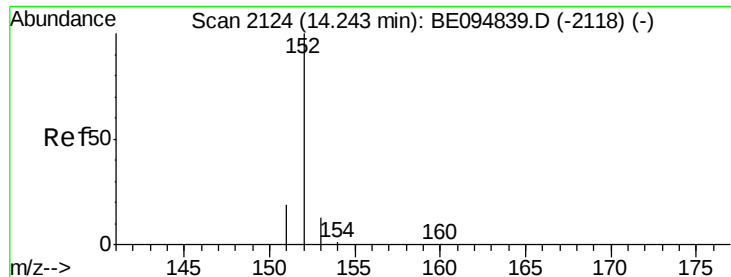
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.35 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

Instrument :

BNA_E

ClientSampleId :

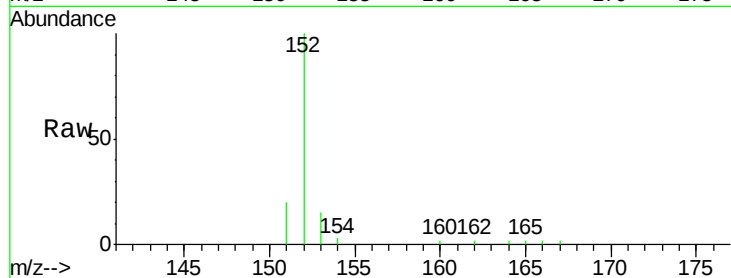
Tot Ion:152 Resp: 4915

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

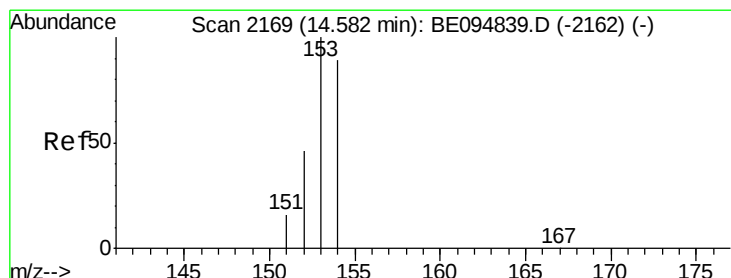
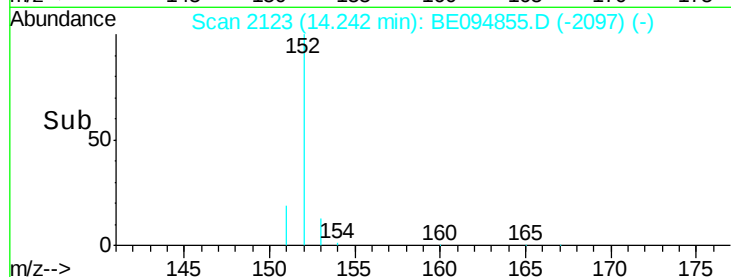
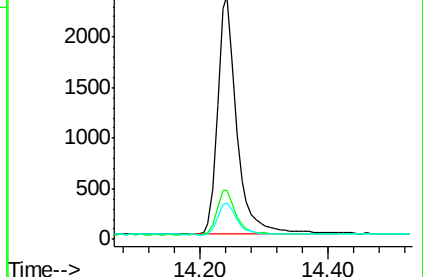
153 14.7 12.8 19.2



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: 0.36 ng/ul

RT: 14.57 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

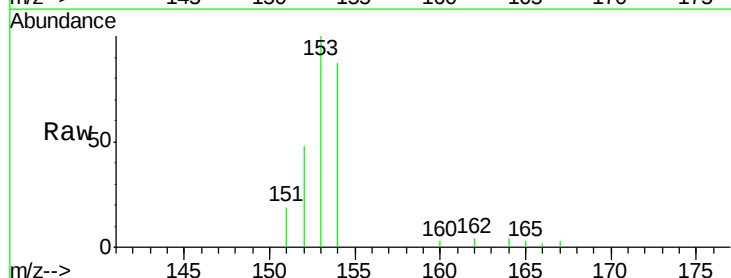
Tgt Ion:153 Resp: 3583

Ion Ratio Lower Upper

153 100

152 48.3 36.0 54.0

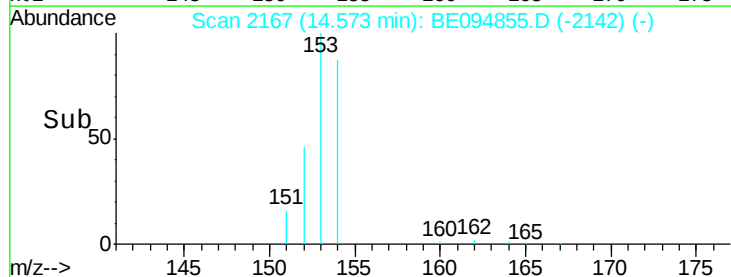
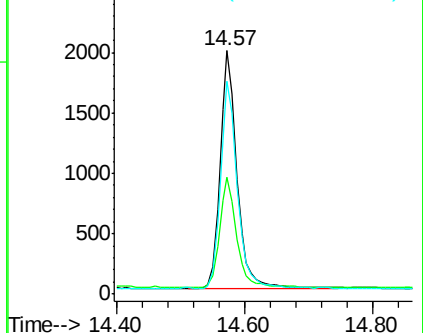
154 87.5 72.0 108.0

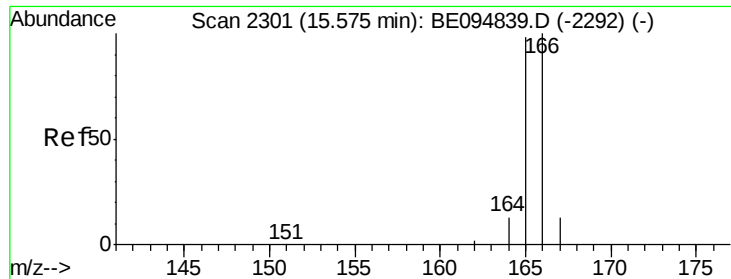


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

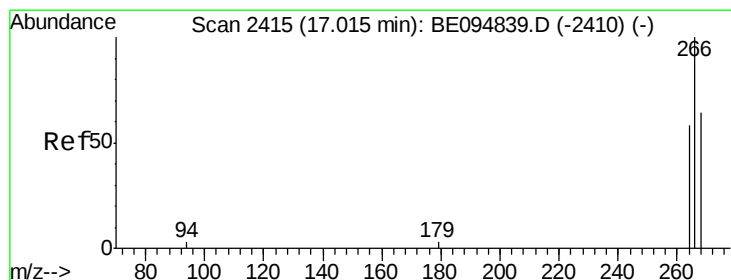
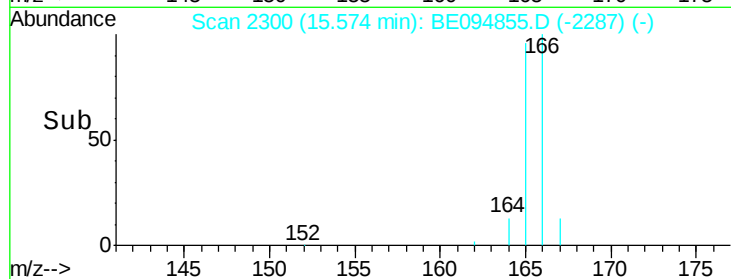
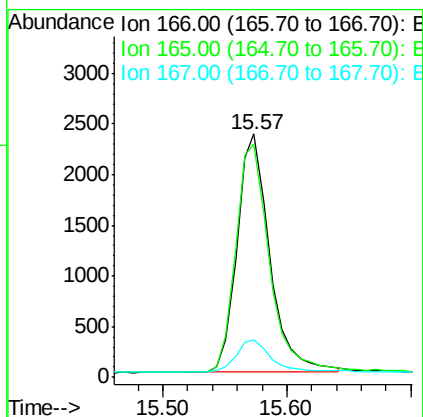
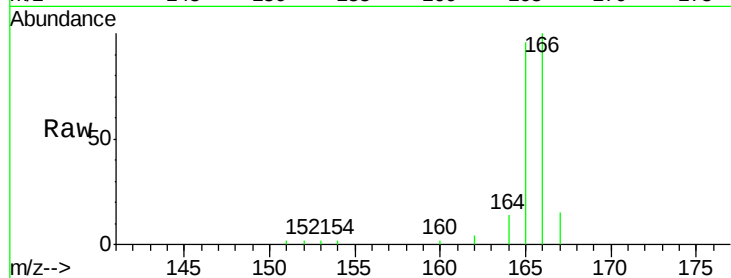




#9
Fluorene
 Concen: 0.36 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BE094855.D
 Acq: 23 Nov 2017 4:57

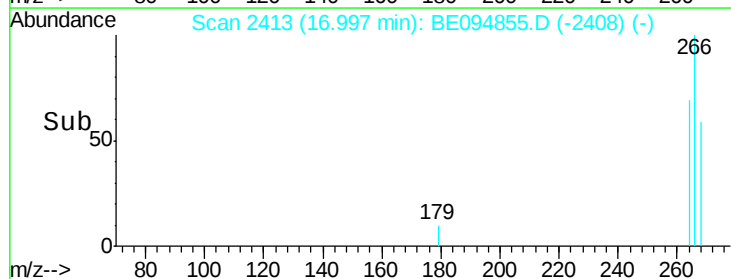
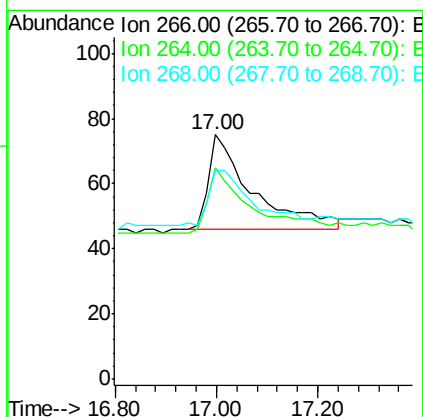
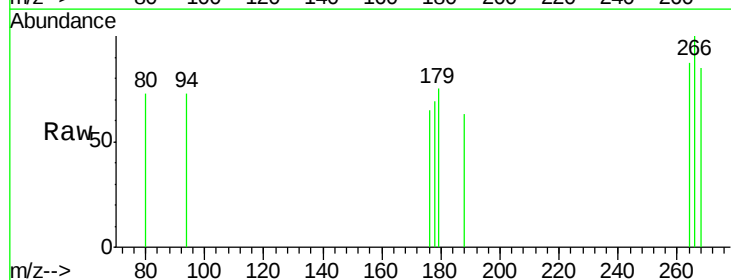
Instrument :
 BNA_E
 ClientSampleId :

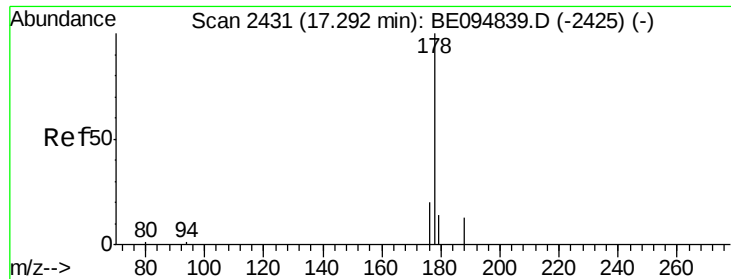
Tot Ion:166 Resp: 4306
 Ion Ratio Lower Upper
 166 100
 165 95.8 73.4 110.2
 167 15.4 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.43 ng/ul
 RT: 17.00 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BE094855.D
 Acq: 23 Nov 2017 4:57

Tgt Ion:266 Resp: 173
 Ion Ratio Lower Upper
 266 100
 264 68.8 47.9 71.9
 268 60.1 49.8 74.8

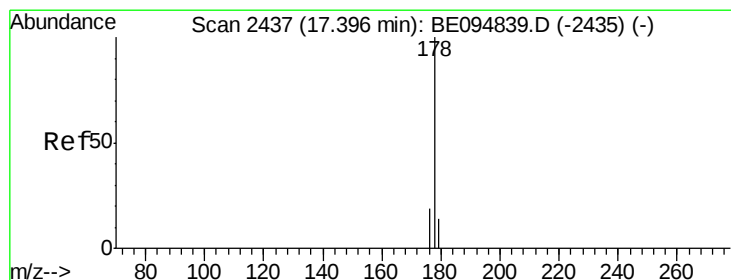
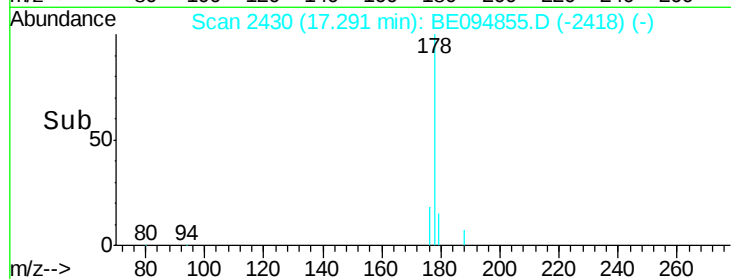
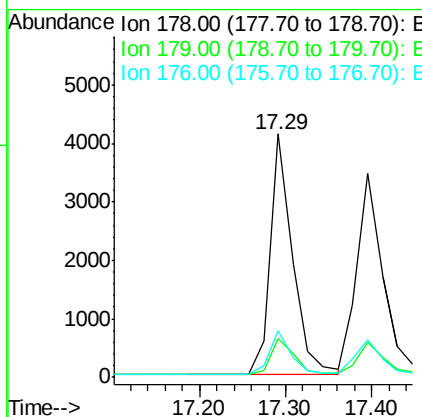
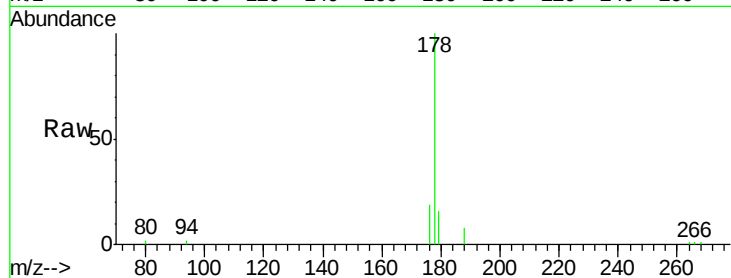




#12
 Phenanthrene
 Concen: 0.37 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BE094855.D
 Acq: 23 Nov 2017 4:57

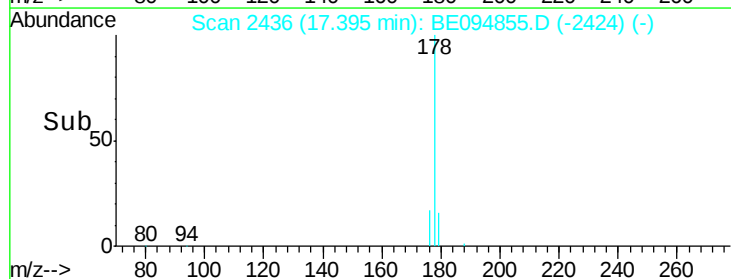
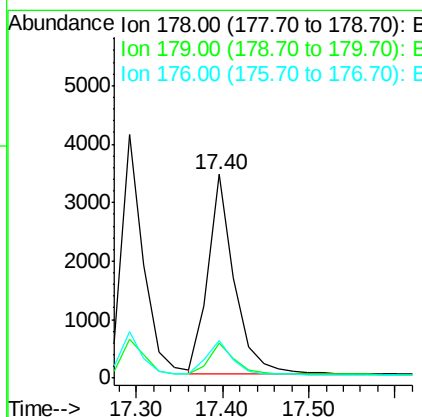
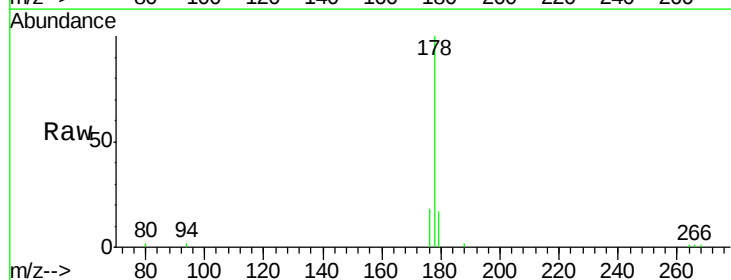
Instrument :
 BNA_E
 ClientSampleId :

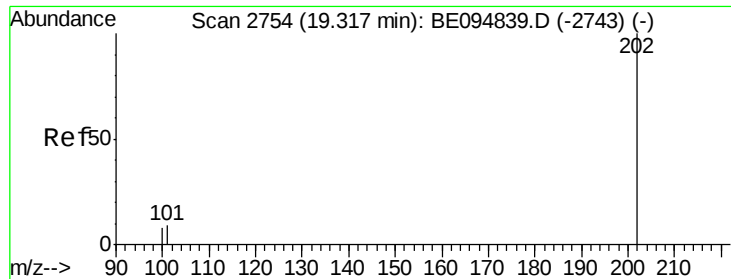
Tot Ion:178 Resp: 7445
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.4 27.6#
 176 19.3 13.6 20.4



#13
 Anthracene
 Concen: 0.35 ng/ul
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094855.D
 Acq: 23 Nov 2017 4:57

Tgt Ion:178 Resp: 7274
 Ion Ratio Lower Upper
 178 100
 179 16.9 18.1 27.1#
 176 18.3 14.7 22.1





#15

Fluoranthene

Concen: 0.34 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

Instrument :

BNA_E

ClientSampleId :

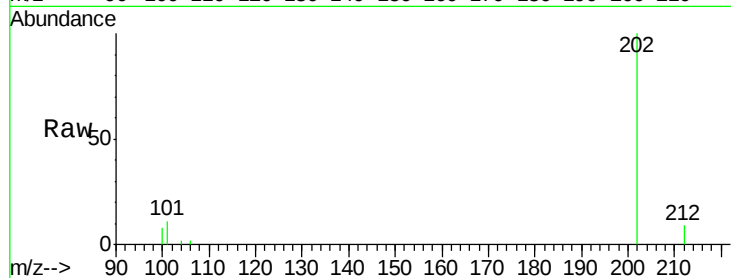
Tot Ion:202 Resp: 9176

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

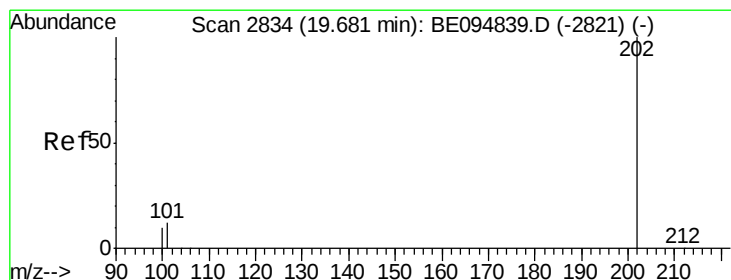
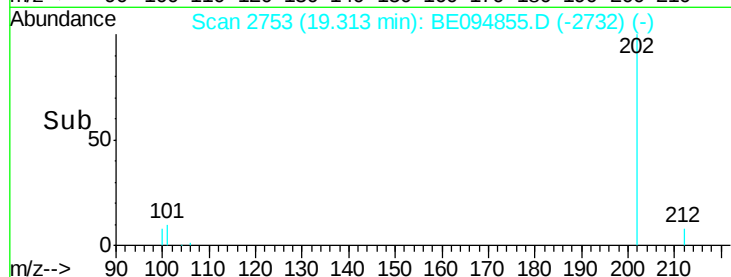
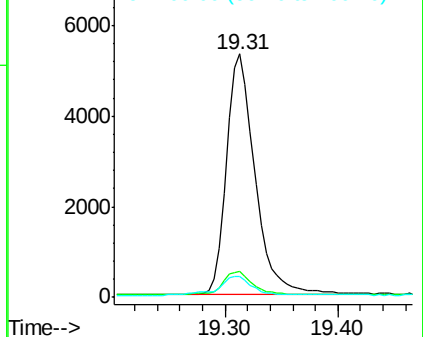
100 8.4 0.0 39.5



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: 0.38 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

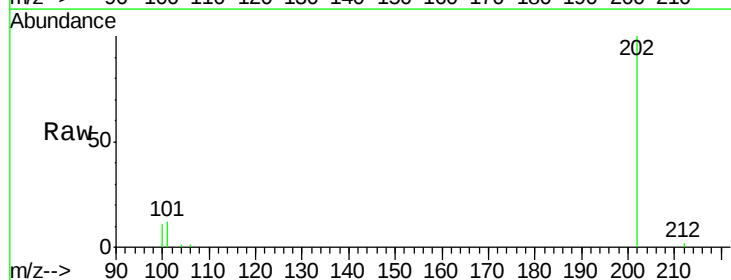
Tgt Ion:202 Resp: 9660

Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

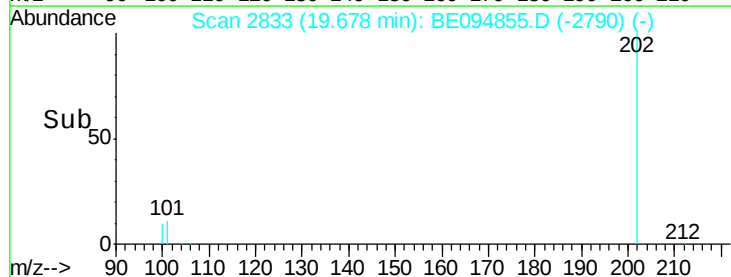
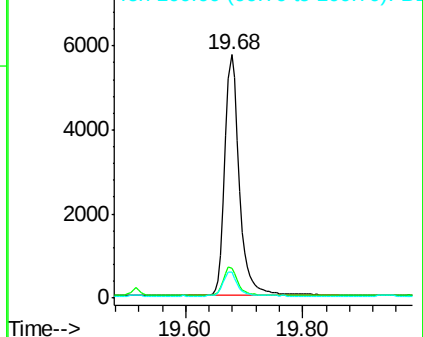
100 10.7 15.6 23.4#

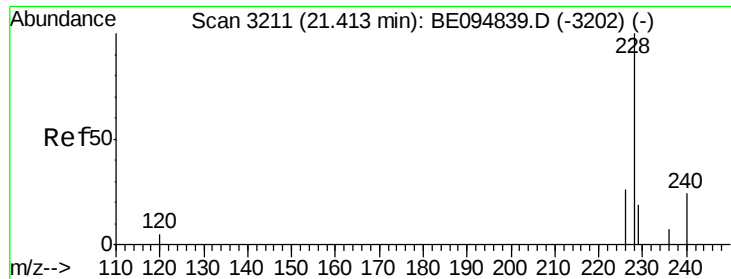


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

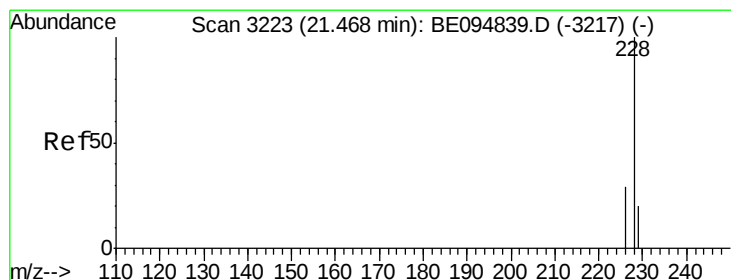
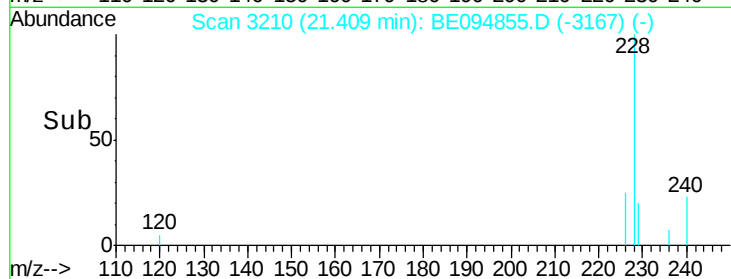
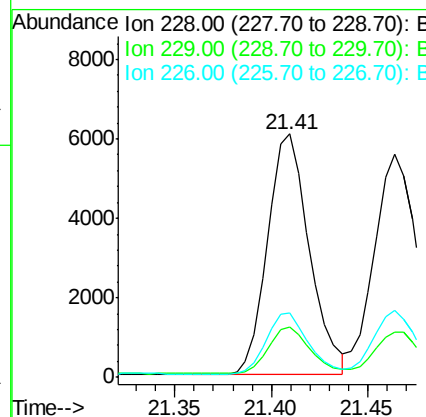
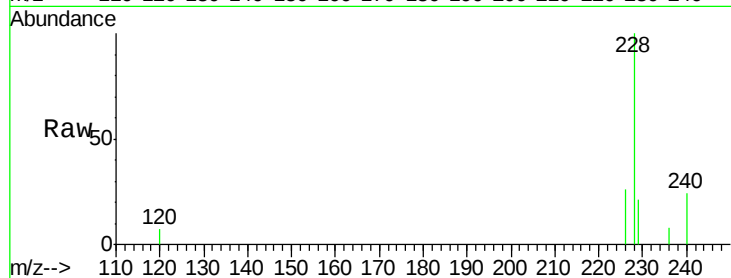




#18
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094855.D
Acq: 23 Nov 2017 4:57

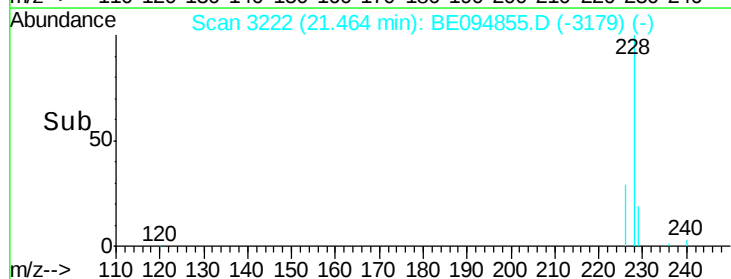
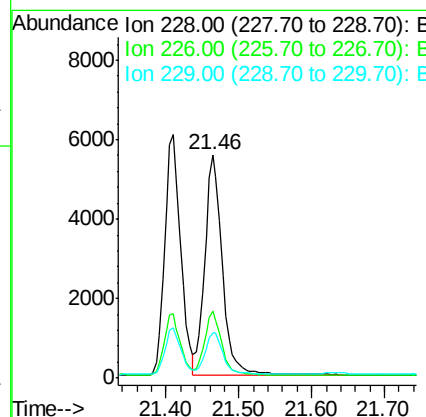
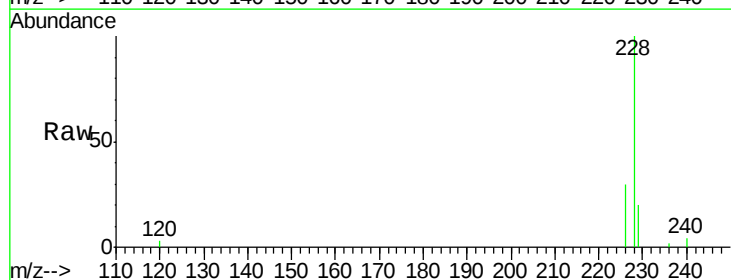
Instrument :
BNA_E
ClientSampleId :

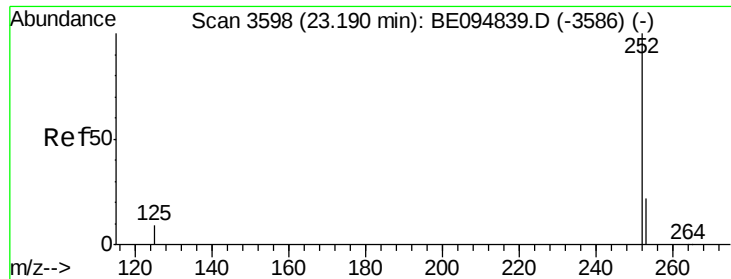
Tot Ion:228 Resp: 9122
Ion Ratio Lower Upper
228 100
229 20.9 22.8 34.2#
226 26.2 17.0 25.6#



#19
Chrysene
Concen: 0.37 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094855.D
Acq: 23 Nov 2017 4:57

Tgt Ion:228 Resp: 9152
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.0
229 20.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.36 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

Instrument :

BNA_E

ClientSampleId :

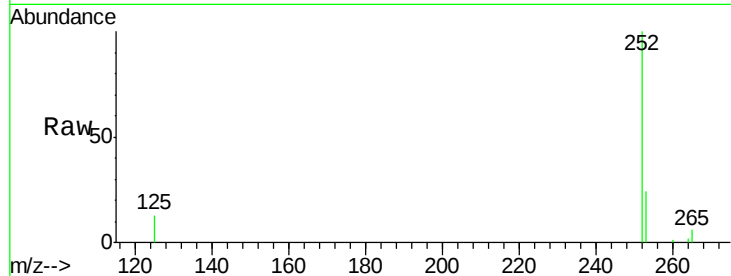
Tot Ion:252 Resp: 8498

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

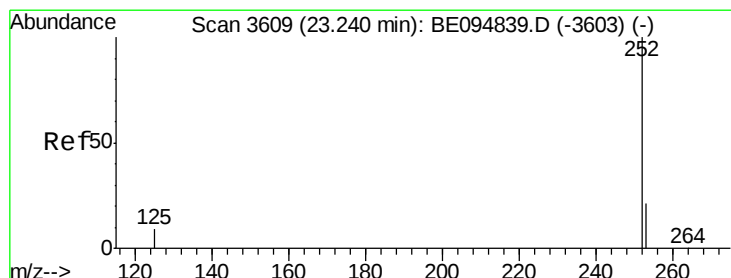
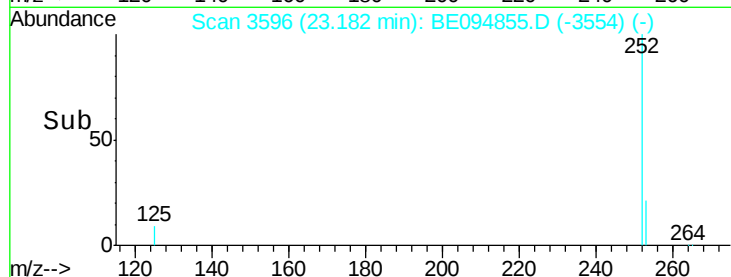
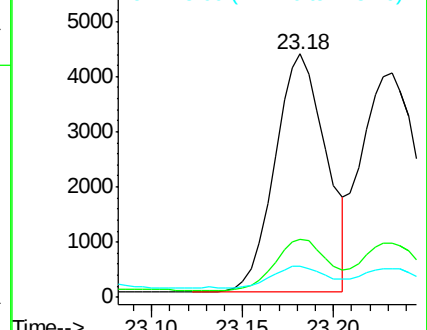
125 12.8 0.0 35.0



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: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

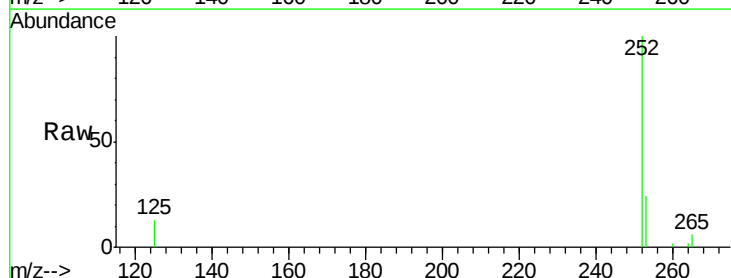
Tgt Ion:252 Resp: 9119

Ion Ratio Lower Upper

252 100

253 24.4 24.5 36.7#

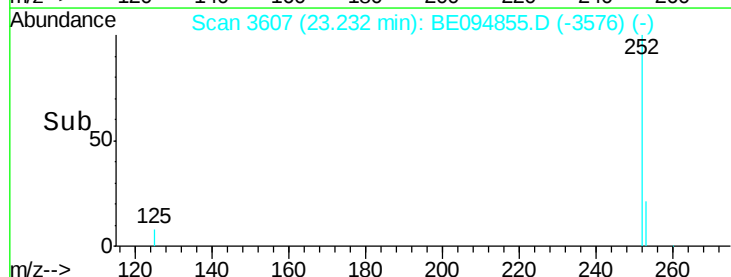
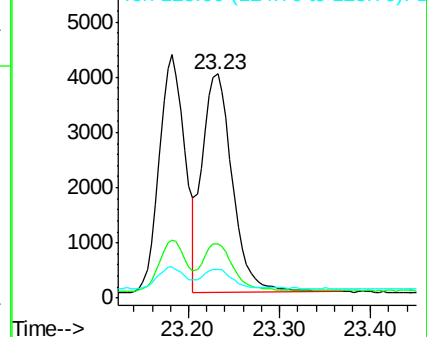
125 12.7 13.7 20.5#

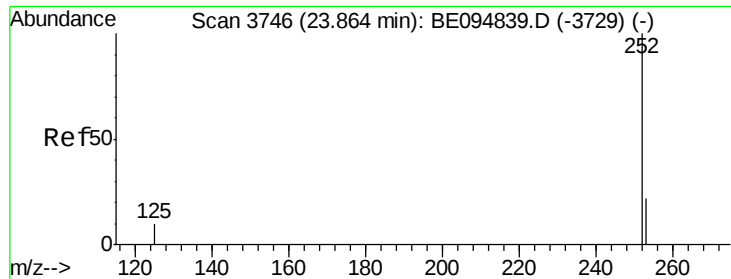


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.36 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

Instrument :

BNA_E

ClientSampleId :

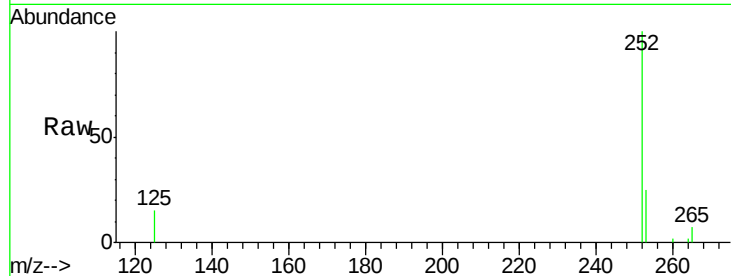
Tot Ion:252 Resp: 8618

Ion Ratio Lower Upper

252 100

253 25.3 28.5 42.7#

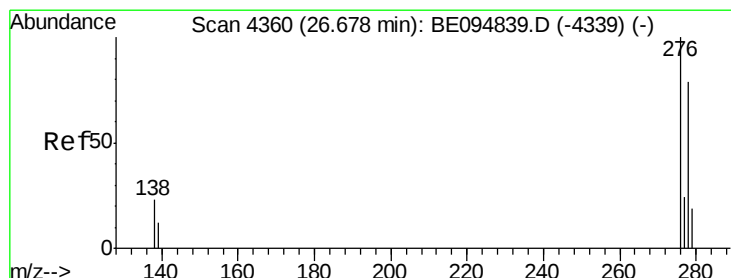
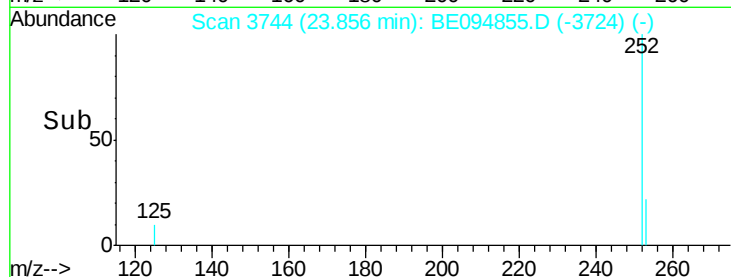
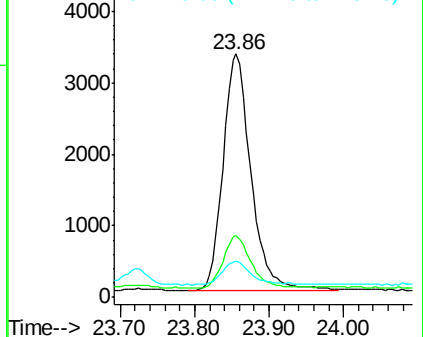
125 14.9 18.1 27.1#



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: 26.67 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

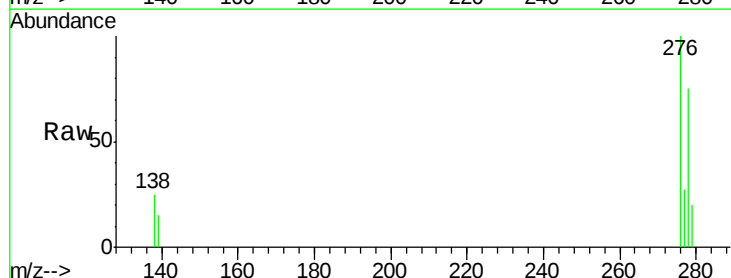
Tgt Ion:276 Resp: 9494

Ion Ratio Lower Upper

276 100

138 24.4 28.0 42.0#

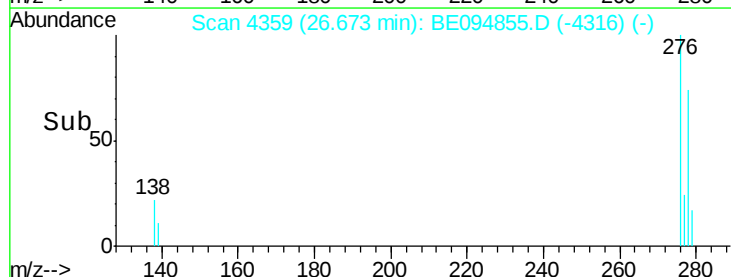
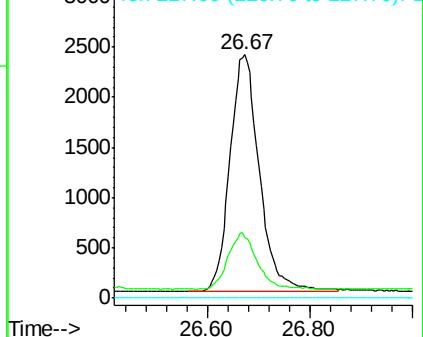
227 0.0 8.0 12.0#

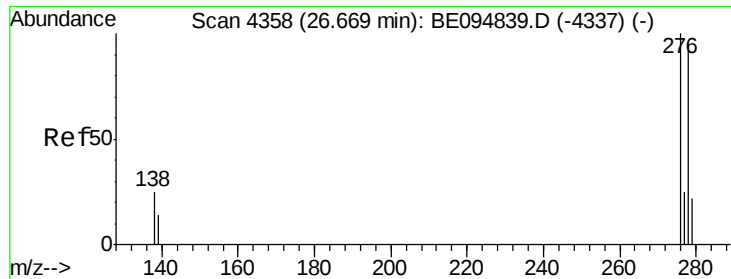


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.37 ng/ul

RT: 26.66 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

Instrument :

BNA_E

ClientSampled :

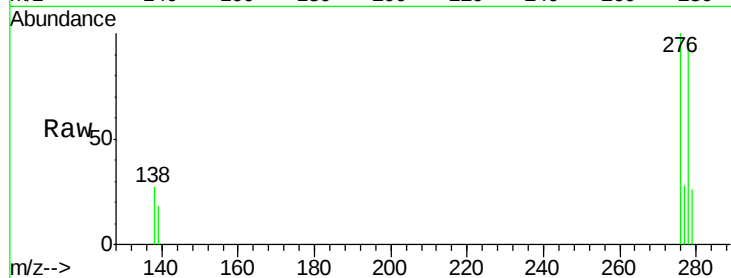
Tot Ion:278 Resp: 8042

Ion Ratio Lower Upper

278 100

139 18.7 17.4 26.0

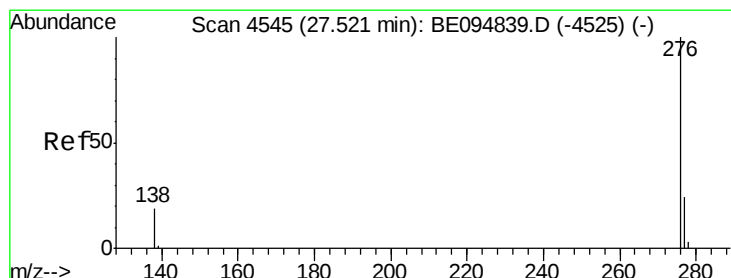
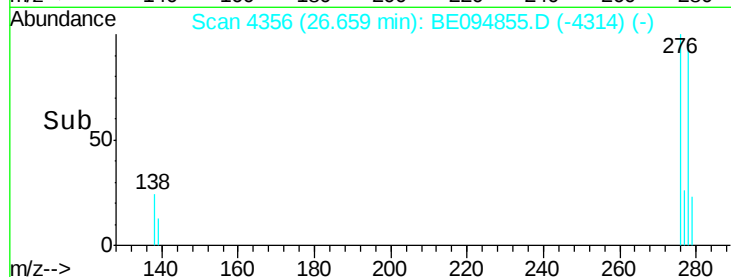
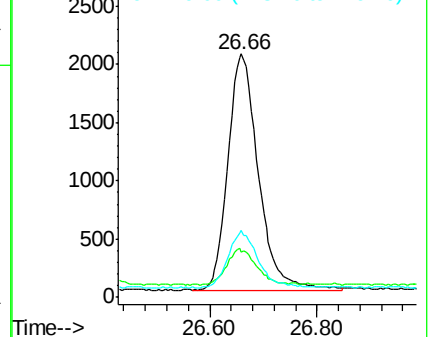
279 27.4 25.9 38.9



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: 27.52 min Scan# 4545

Delta R.T. -0.00 min

Lab File: BE094855.D

Acq: 23 Nov 2017 4:57

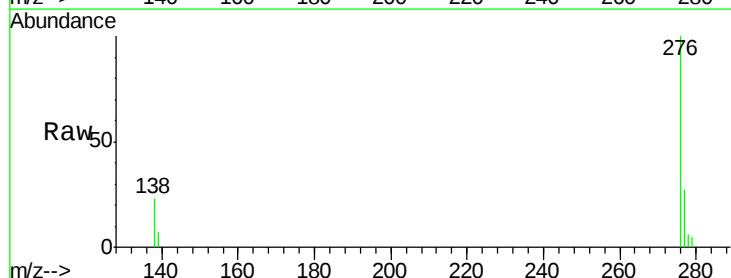
Tgt Ion:276 Resp: 8040

Ion Ratio Lower Upper

276 100

138 22.8 21.8 32.8

277 26.9 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

