

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094225.D
 Acq On : 9 Oct 2017 17:42
 Operator : SJ/JU
 Sample : I5522-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 09:20:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 09:18:40 2017
 Response via : Initial Calibration

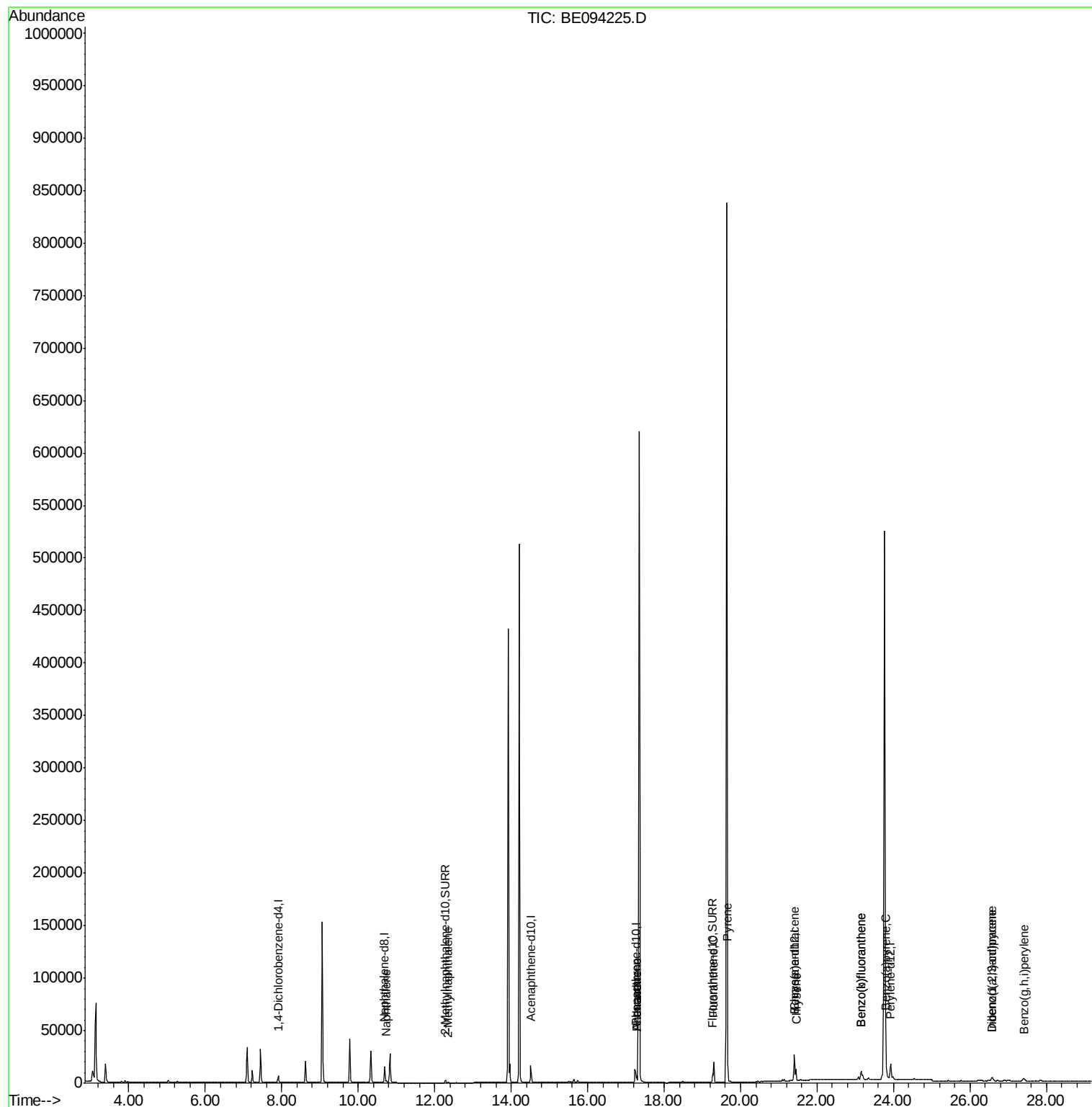
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	3086	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	16322	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	9678	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21075	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21165	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	23961	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4171	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10354	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2599	0.065	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	533	0.021	ng/ul	98
12) Phenanthrene	17.29	178	7340	0.133	ng/ul#	93
13) Anthracene	17.29	178	7297	0.136	ng/ul	95
15) Fluoranthene	19.30	202	21098	0.292	ng/ul	85
17) Pyrene	19.66	202	20168	0.342	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	10118	0.180	ng/ul#	90
19) Chrysene	21.45	228	11441	0.176	ng/ul#	91
21) Benzo(b)fluoranthene	23.15	252	20252	0.311	ng/ul	91
22) Benzo(k)fluoranthene	23.15	252	20252	0.269	ng/ul#	93
23) Benzo(a)pyrene	23.81	252	10086	0.149	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.58	276	6746	0.097	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.59	278	1739	0.030	ng/ul#	14
26) Benzo(g,h,i)perylene	27.41	276	6136	0.103	ng/ul#	75

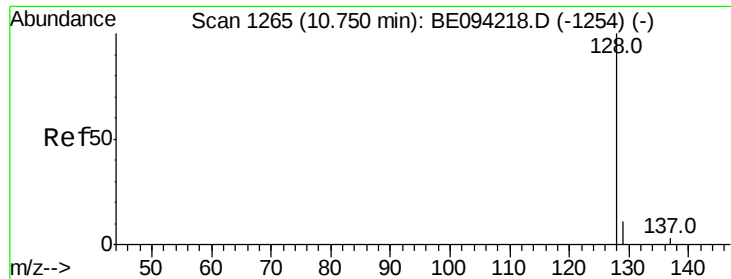
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.065 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

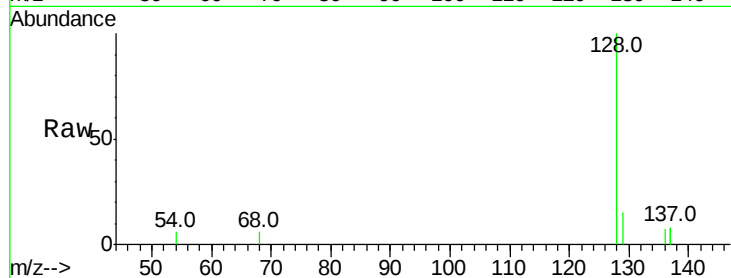
Tot Ion:128 Resp: 2599

Ion Ratio Lower Upper

128 100

129 14.9 11.3 16.9

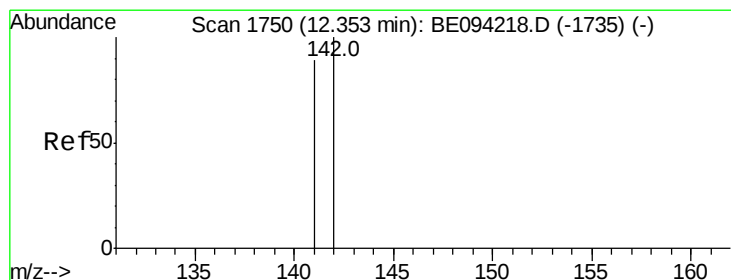
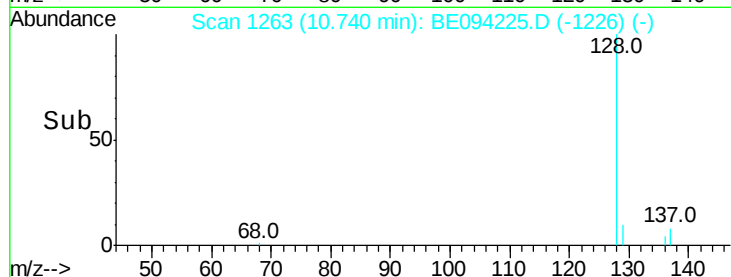
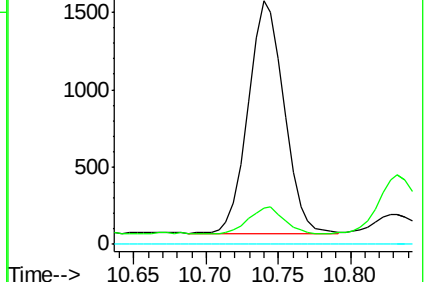
127 0.0 4.0 6.0#



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: 0.021 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BE094225.D

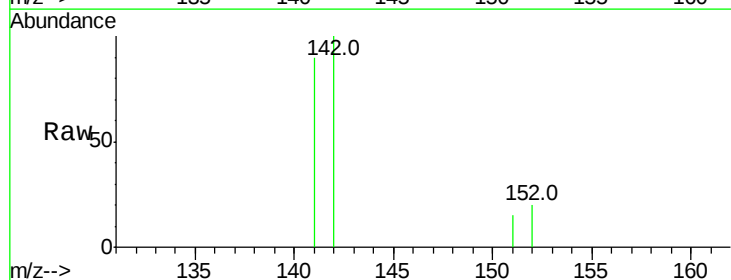
Acq: 9 Oct 2017 17:42

Tgt Ion:142 Resp: 533

Ion Ratio Lower Upper

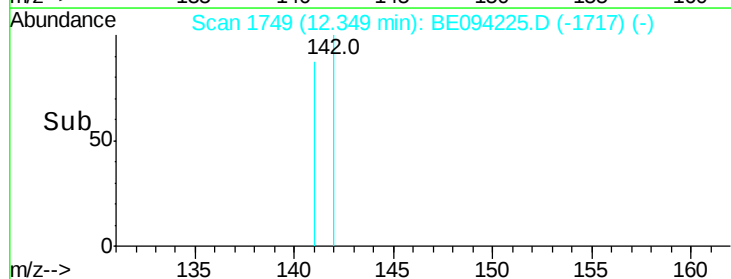
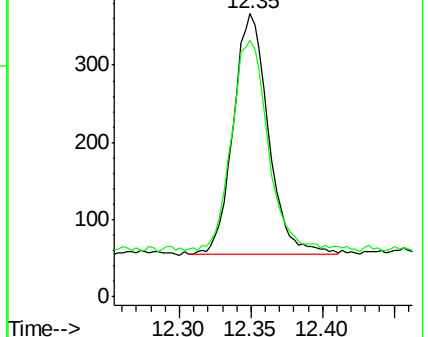
142 100

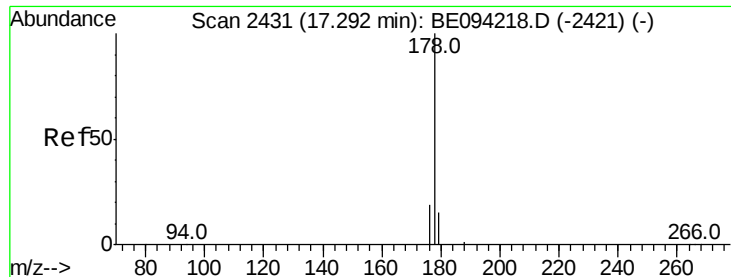
141 92.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.133 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

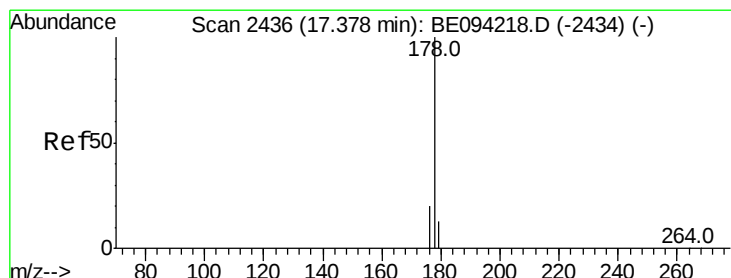
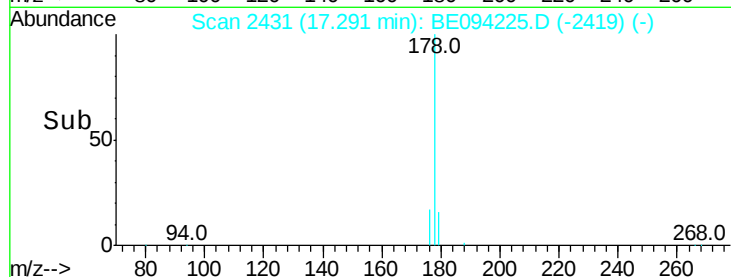
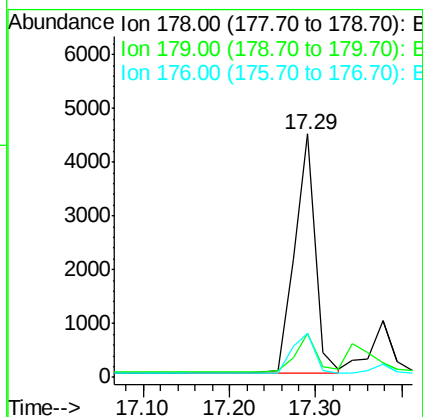
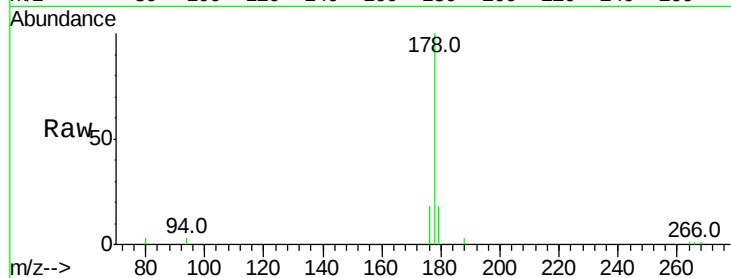
Tot Ion:178 Resp: 7340

Ion Ratio Lower Upper

178 100

179 18.2 18.4 27.6#

176 18.2 13.6 20.4



#13

Anthracene

Concen: 0.136 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

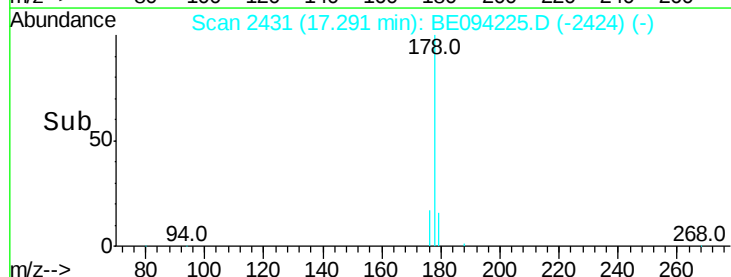
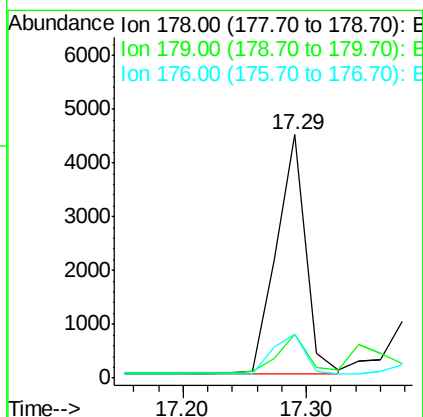
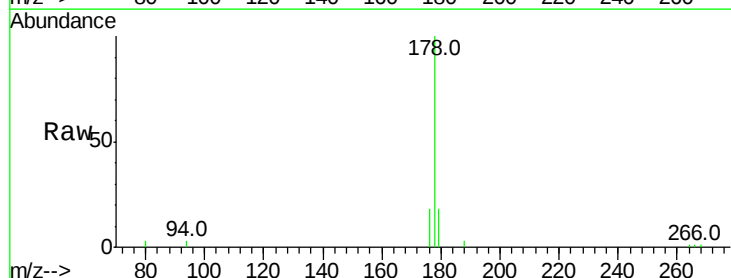
Tgt Ion:178 Resp: 7297

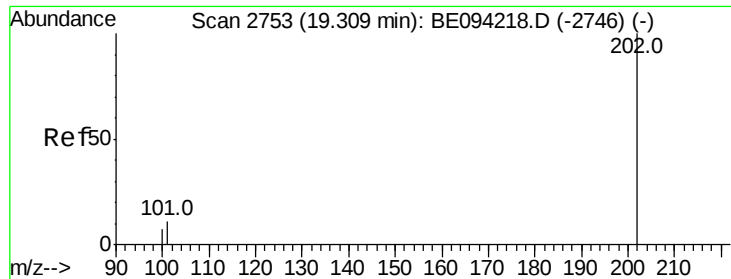
Ion Ratio Lower Upper

178 100

179 18.2 18.1 27.1

176 18.2 14.7 22.1

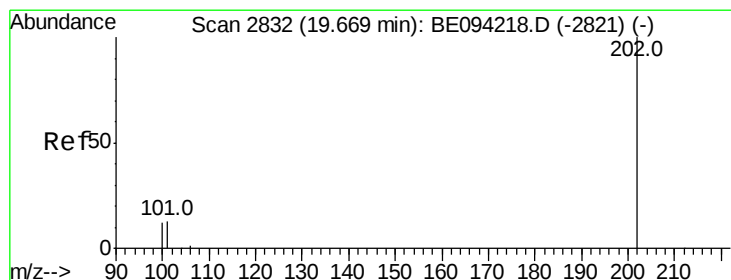
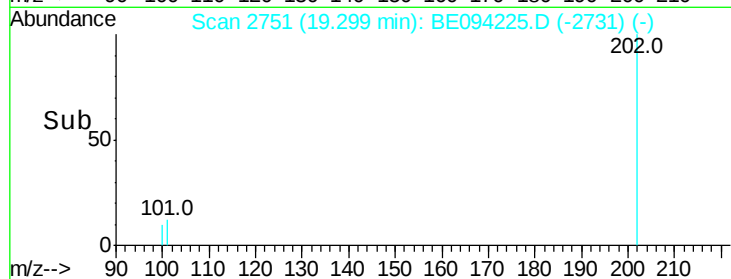
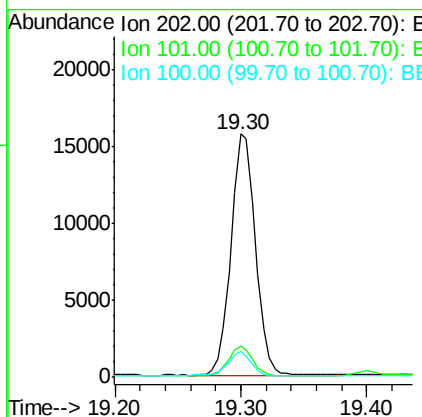
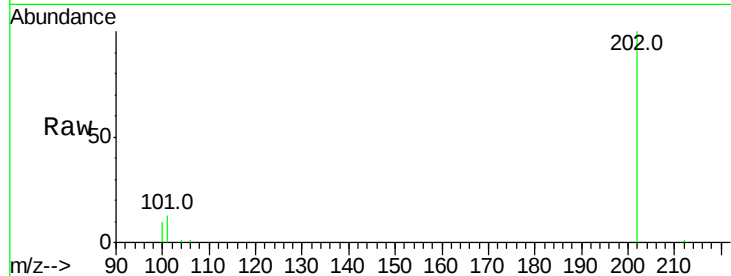




#15
Fluoranthene
 Concen: 0.292 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094225.D
 Acq: 9 Oct 2017 17:42

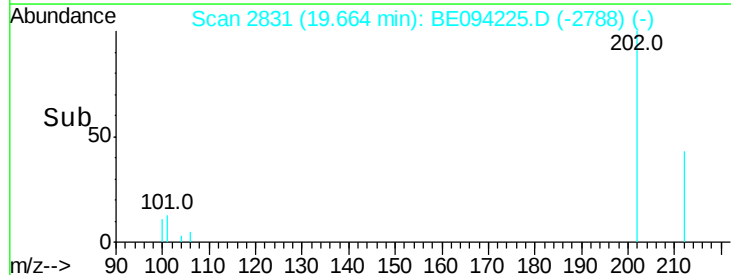
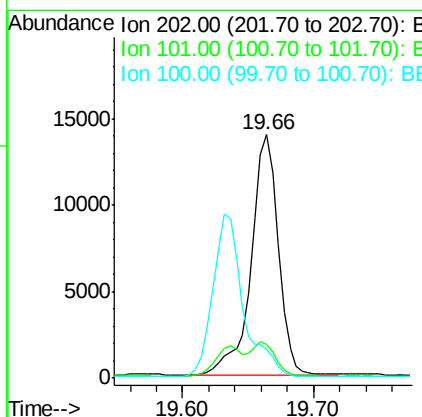
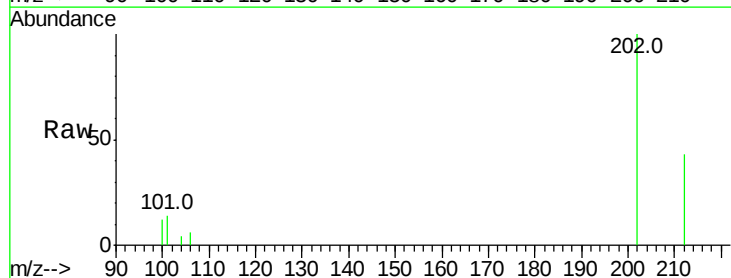
Instrument :
 BNA_E
 ClientSampleId :

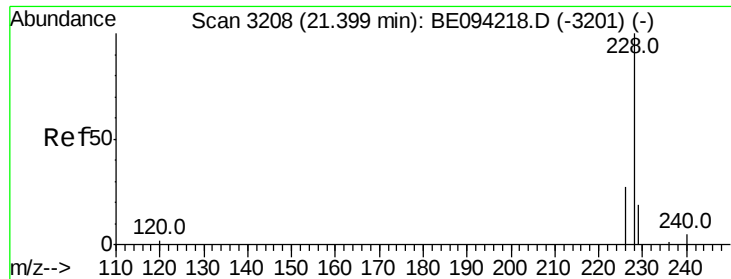
Tot Ion:202 Resp: 21098
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 30.3
 100 10.5 0.0 39.5



#17
Pyrene
 Concen: 0.342 ng/ul
 RT: 19.66 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BE094225.D
 Acq: 9 Oct 2017 17:42

Tgt Ion:202 Resp: 20168
 Ion Ratio Lower Upper
 202 100
 101 13.8 18.2 27.4#
 100 11.7 15.6 23.4#

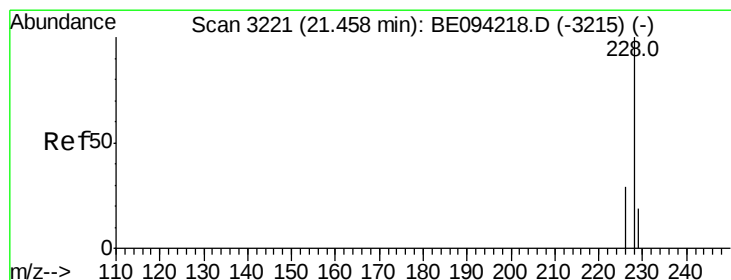
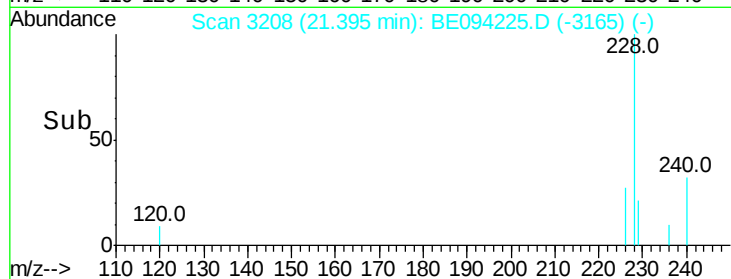
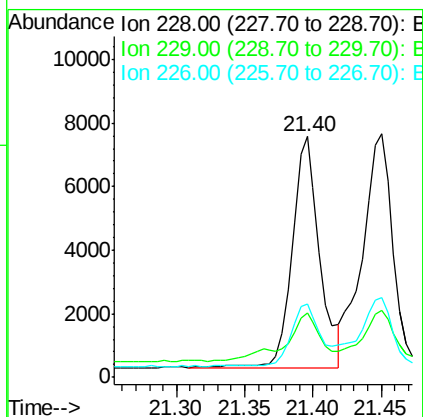
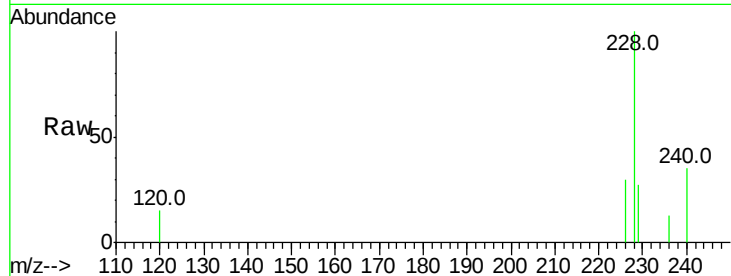




#18
Benzo(a)anthracene
Concen: 0.180 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE094225.D
Acq: 9 Oct 2017 17:42

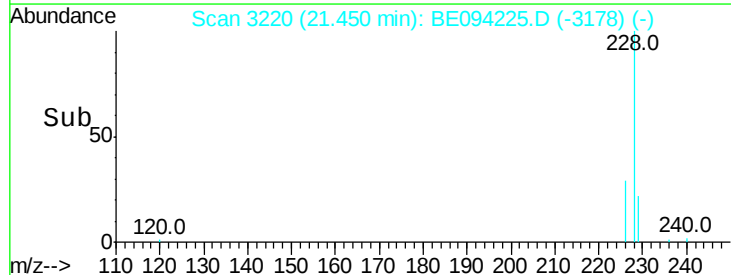
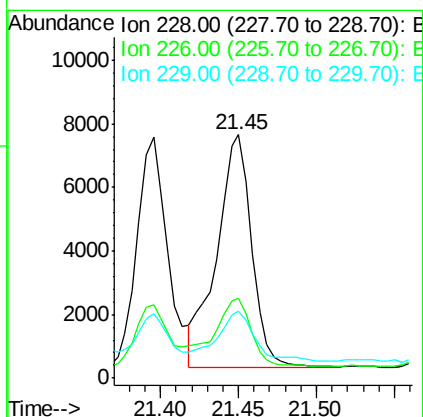
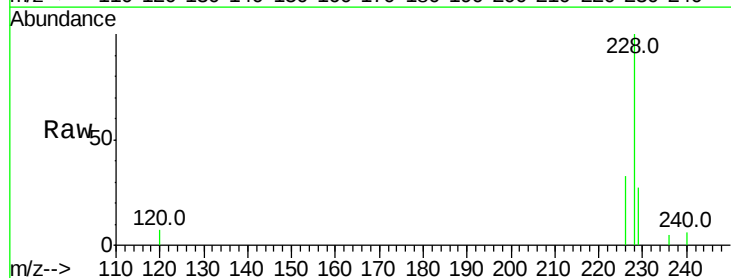
Instrument :
BNA_E
ClientSampleId :

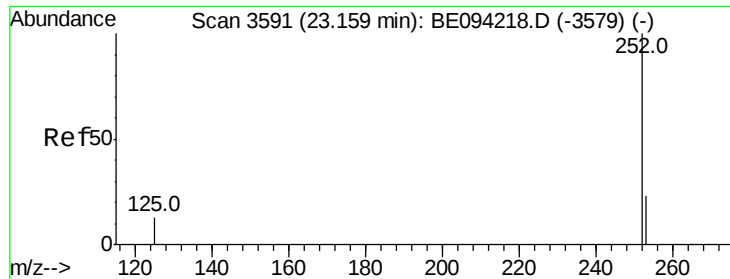
Tot Ion:228 Resp: 10118
Ion Ratio Lower Upper
228 100
229 26.6 22.8 34.2
226 30.5 17.0 25.6#



#19
Chrysene
Concen: 0.176 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BE094225.D
Acq: 9 Oct 2017 17:42

Tgt Ion:228 Resp: 11441
Ion Ratio Lower Upper
228 100
226 32.8 23.4 35.0
229 27.4 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.311 ng/ul

RT: 23.15 min Scan# 3591

Delta R.T. -0.00 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

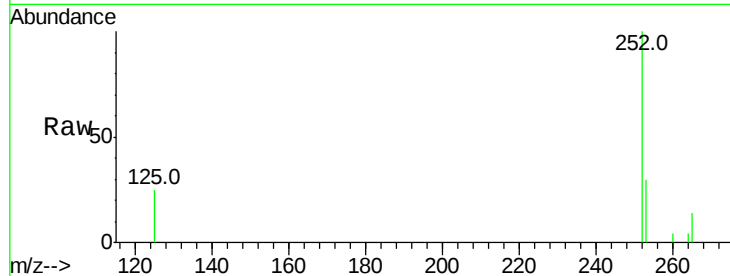
Tot Ion:252 Resp: 20252

Ion Ratio Lower Upper

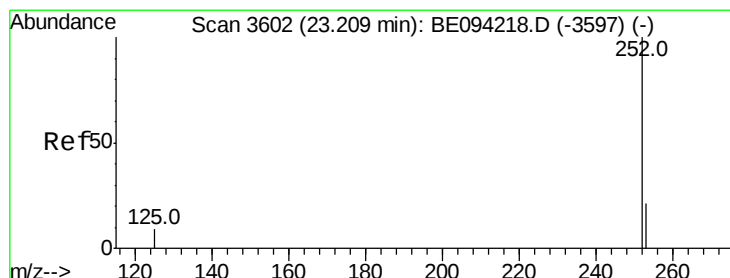
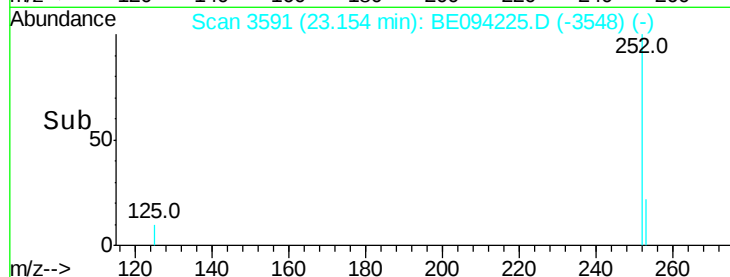
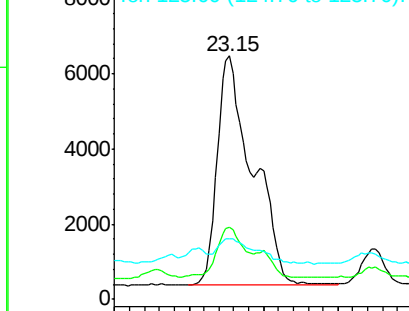
252 100

253 29.9 0.0 64.2

125 25.0 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: 0.269 ng/ul

RT: 23.15 min Scan# 3591

Delta R.T. -0.05 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

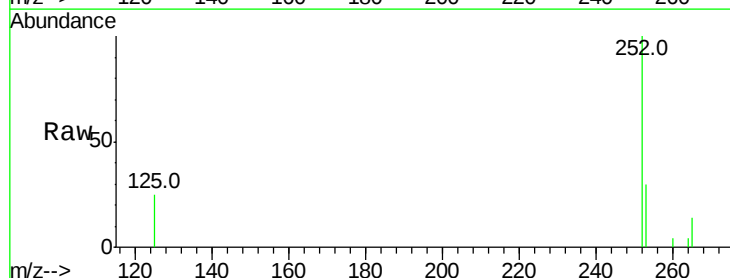
Tgt Ion:252 Resp: 20252

Ion Ratio Lower Upper

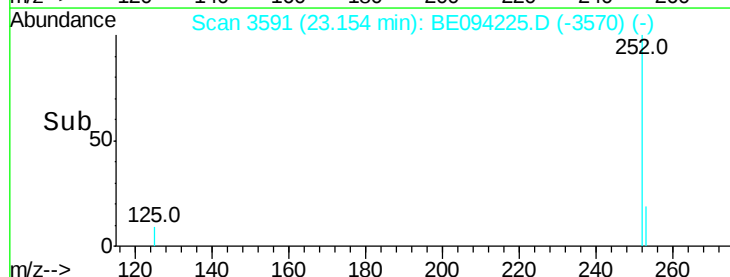
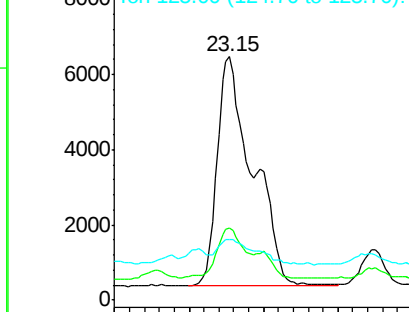
252 100

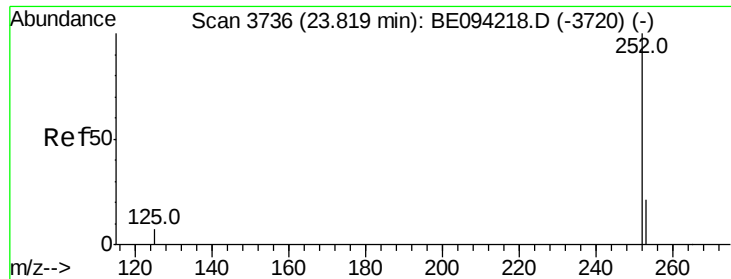
253 29.9 24.5 36.7

125 25.0 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: 0.149 ng/ul

RT: 23.81 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

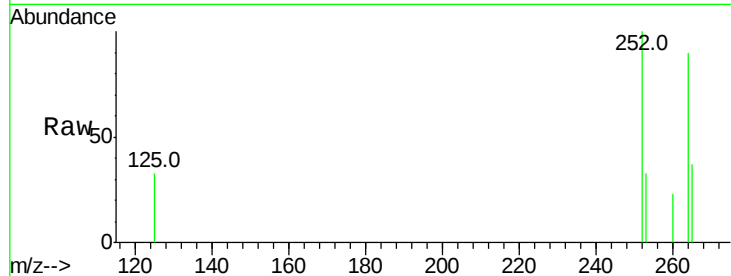
Tot Ion:252 Resp: 10086

Ion Ratio Lower Upper

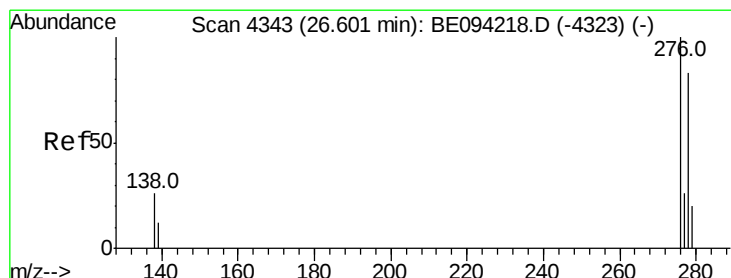
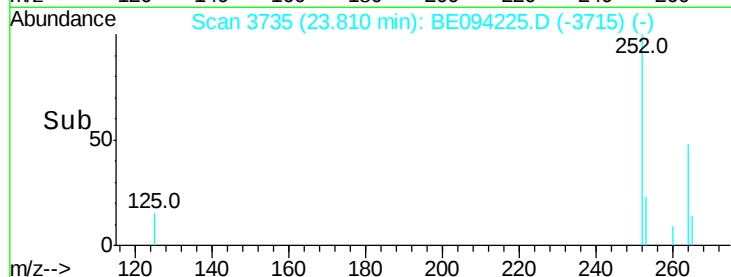
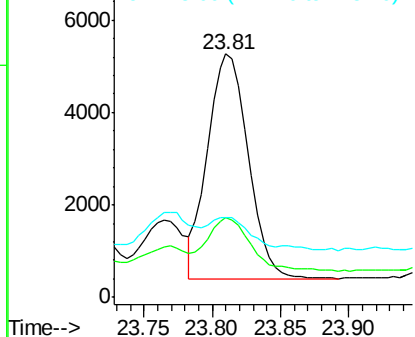
252 100

253 32.7 28.5 42.7

125 32.7 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: 0.097 ng/ul

RT: 26.58 min Scan# 4339

Delta R.T. -0.02 min

Lab File: BE094225.D

Acq: 9 Oct 2017 17:42

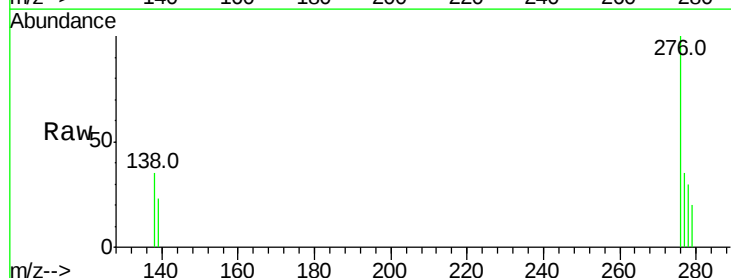
Tgt Ion:276 Resp: 6746

Ion Ratio Lower Upper

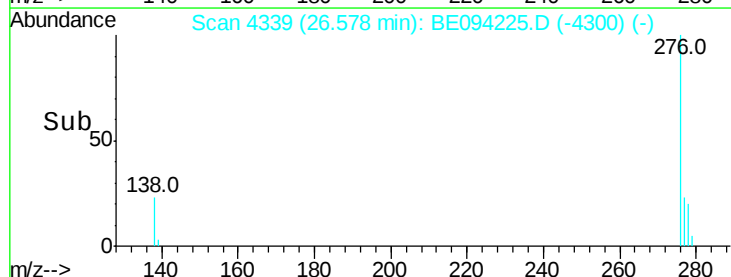
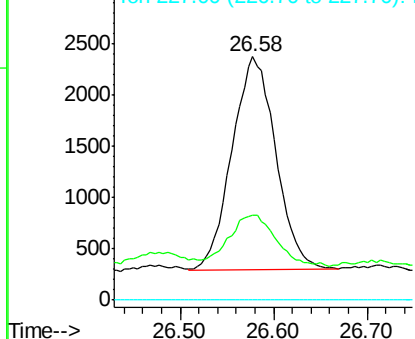
276 100

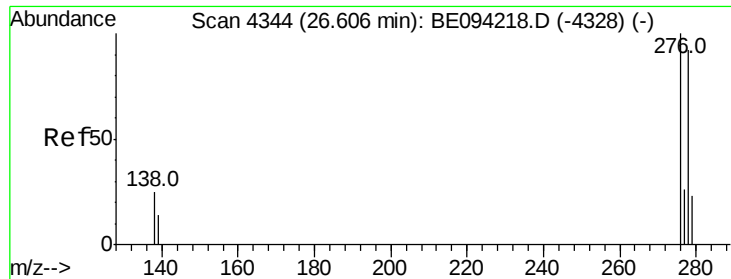
138 25.2 28.0 42.0#

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

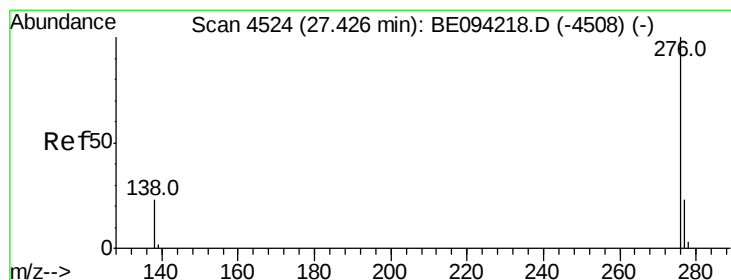
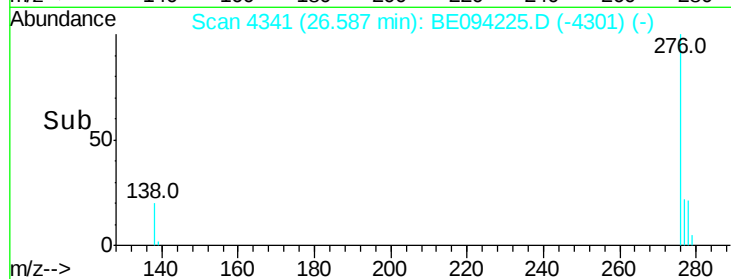
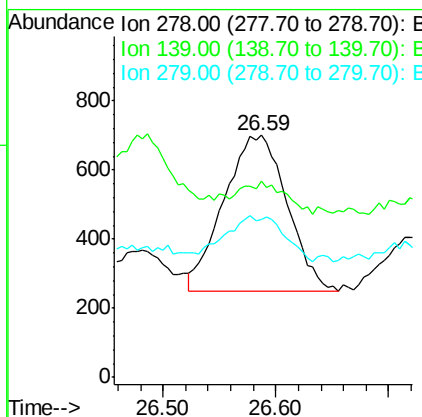
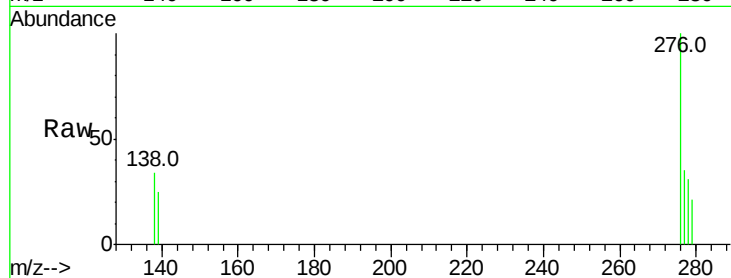




#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.59 min Scan# 4341
Delta R.T. -0.02 min
Lab File: BE094225.D
Acq: 9 Oct 2017 17:42

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 1739
Ion Ratio Lower Upper
278 100
139 81.4 17.4 26.0#
279 65.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul
RT: 27.41 min Scan# 4521
Delta R.T. -0.02 min
Lab File: BE094225.D
Acq: 9 Oct 2017 17:42

Tgt Ion:276 Resp: 6136
Ion Ratio Lower Upper
276 100
138 39.9 21.8 32.8#
277 38.3 20.5 30.7#

