

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097184.D
 Acq On : 3 Aug 2018 18:00
 Operator : SJ/JU
 Sample : J4171-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 23:40:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 03 23:39:09 2018
 Response via : Initial Calibration

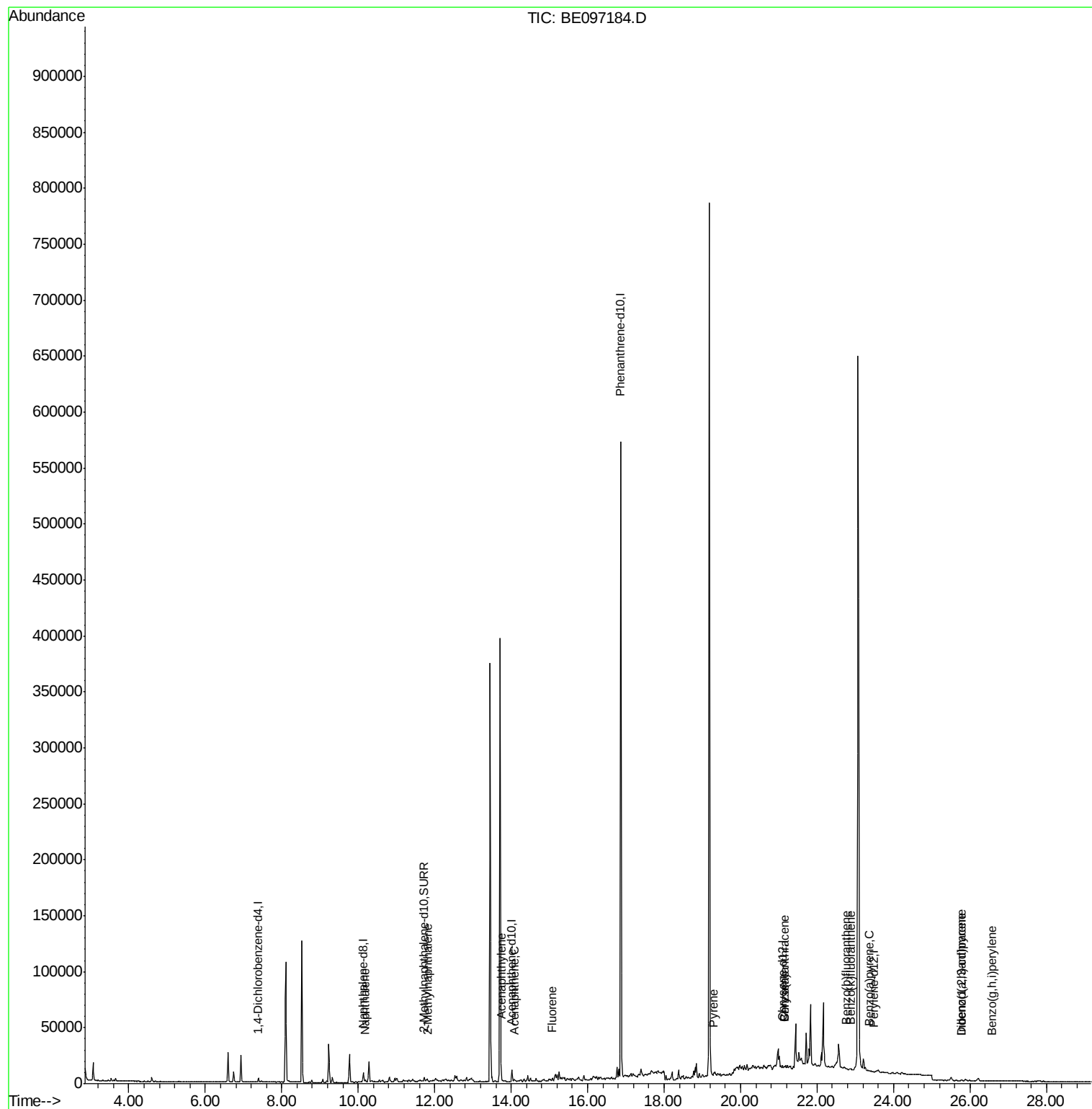
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1526	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	8128	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5425	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	681854	0.40	ng/ul	0.10
16) Chrysene-d12	21.09	240	40	0.40	ng/ul	0.11
20) Perylene-d12	23.48	264	155	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3893	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1183	0.00	ng/ul	0.11
Target Compounds						
					Ovalue	
3) Naphthalene	10.18	128	3717	0.189	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	1322	0.102	ng/ul	95
7) Acenaphthylene	13.74	152	1078	0.046	ng/ul#	32
8) Acenaphthene	14.09	153	1722	0.102	ng/ul#	86
9) Fluorene	15.08	166	1140	0.058	ng/ul#	66
17) Pyrene	19.30	202	2914	27.187	ng/ul#	36
18) Benzo(a)anthracene	21.13	228	1200	10.499	ng/ul#	1
19) Chrysene	21.13	228	1200	10.188	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	198	0.469	ng/ul#	1
22) Benzo(k)fluoranthene	22.89	252	1546	3.394	ng/ul#	1
23) Benzo(a)pyrene	23.37	252	598	1.415	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.79	276	317	0.599	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.79	278	978	2.259	ng/ul#	1
26) Benzo(g,h,i)perylene	26.58	276	969	2.119	ng/ul#	17

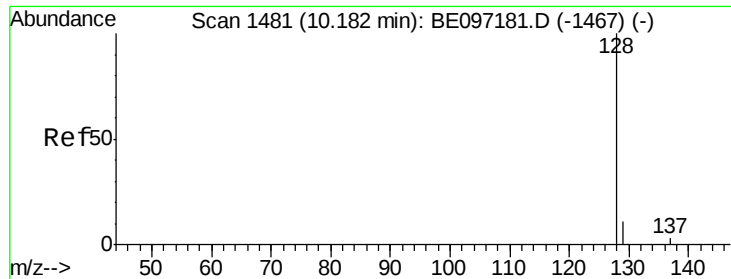
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.189 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

Instrument :

BNA_E

ClientSampleId :

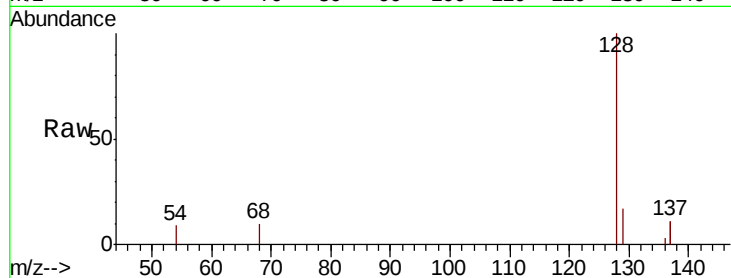
Tot Ion:128 Resp: 3717

Ion Ratio Lower Upper

128 100

129 16.8 11.3 16.9

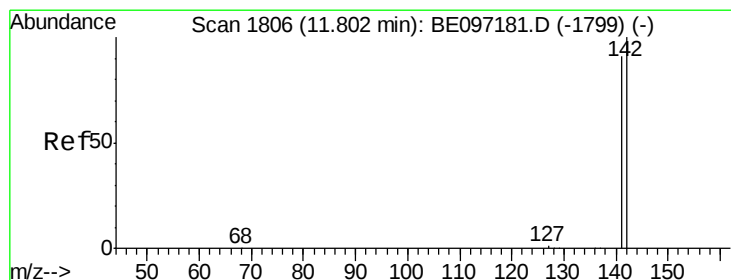
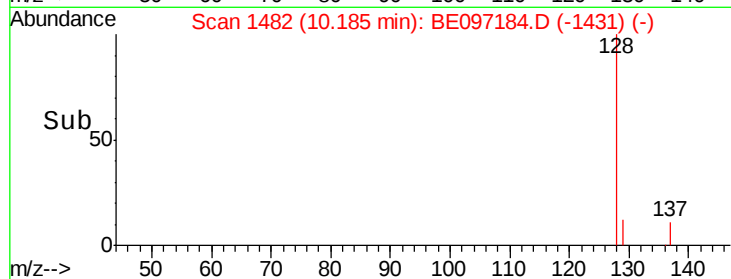
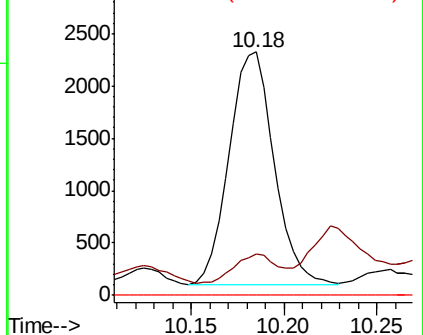
127 0.0 4.0 6.0#



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: 0.102 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BE097184.D

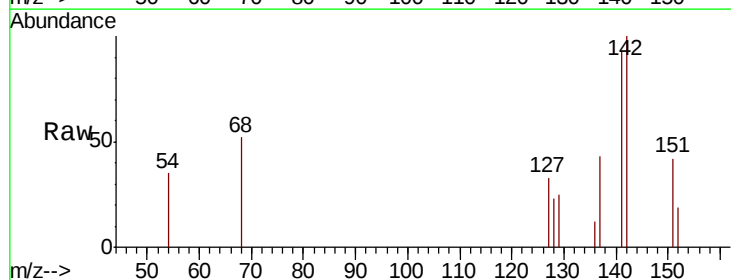
Acq: 3 Aug 2018 18:00

Tgt Ion:142 Resp: 1322

Ion Ratio Lower Upper

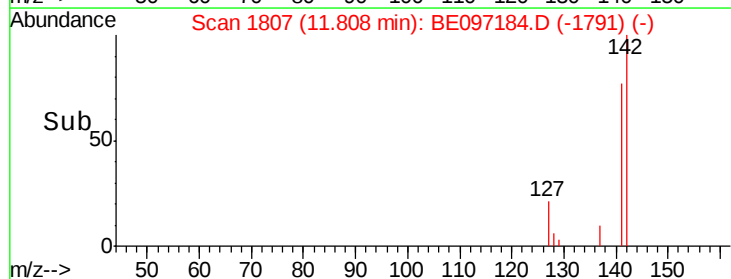
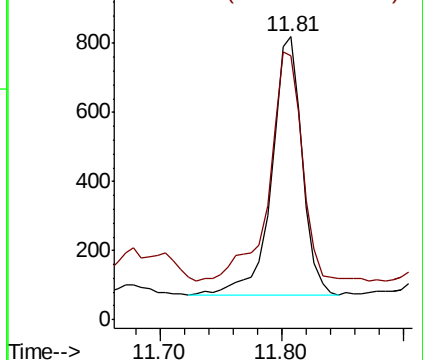
142 100

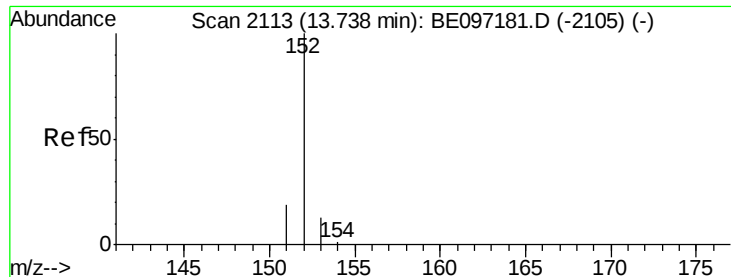
141 95.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

Instrument :

BNA_E

ClientSampled :

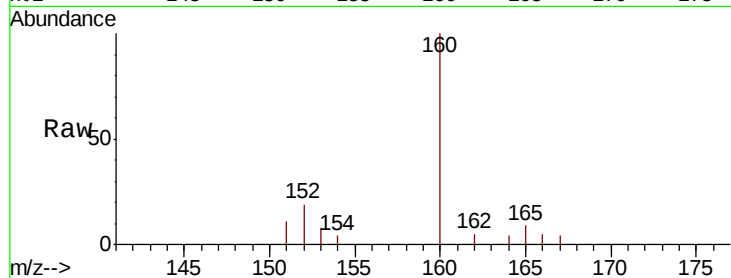
Tot Ion:152 Resp: 1078

Ion Ratio Lower Upper

152 100

151 57.1 17.1 25.7#

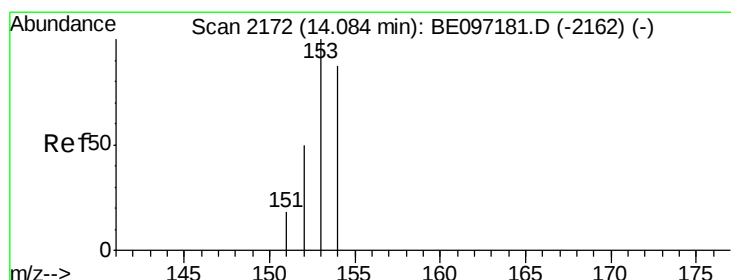
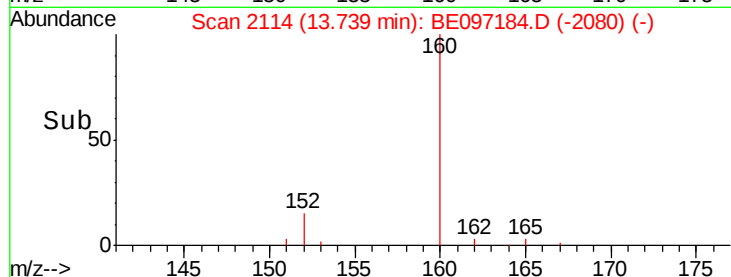
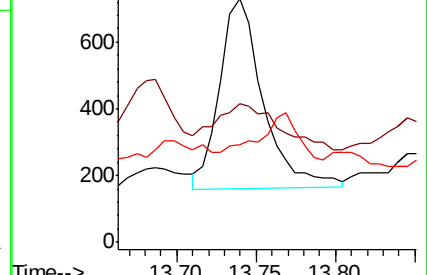
153 40.1 12.8 19.2#



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: 0.102 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

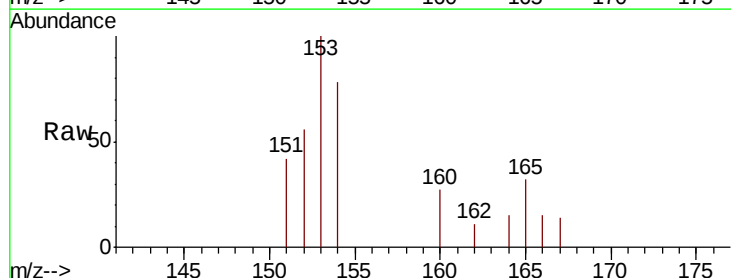
Tgt Ion:153 Resp: 1722

Ion Ratio Lower Upper

153 100

152 56.0 36.0 54.0#

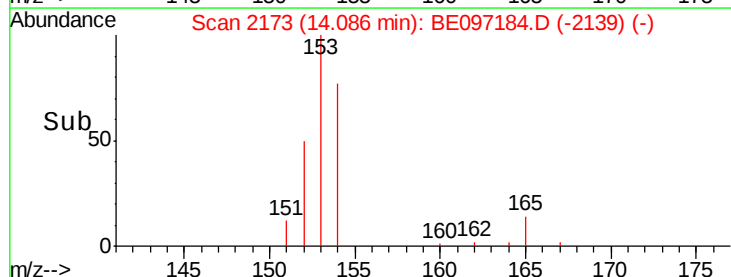
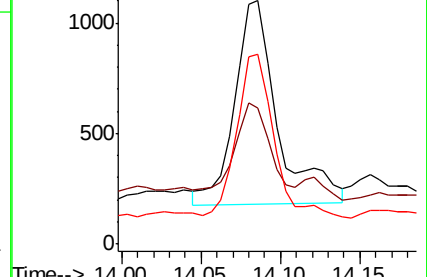
154 77.7 72.0 108.0

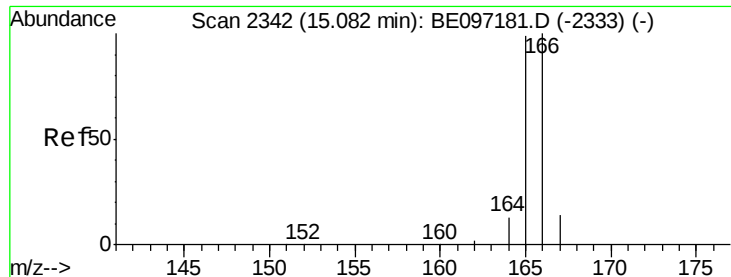


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

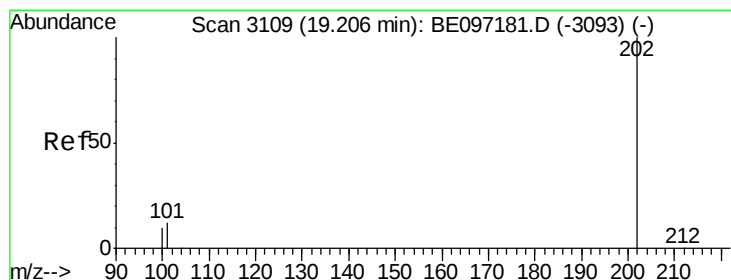
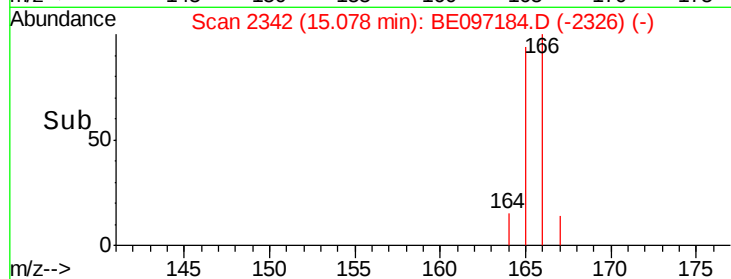
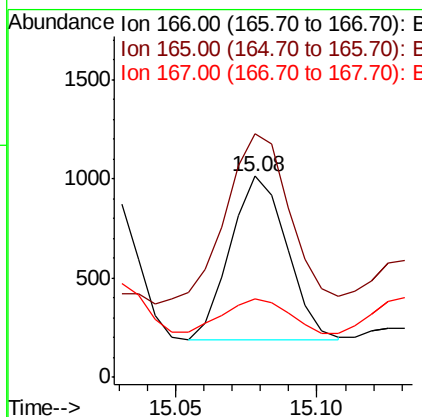
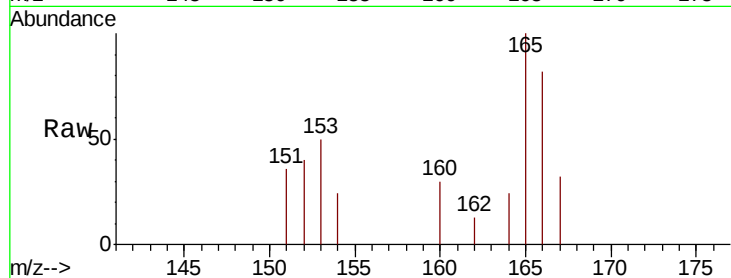




#9
Fluorene
 Concen: 0.058 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097184.D
 Acq: 3 Aug 2018 18:00

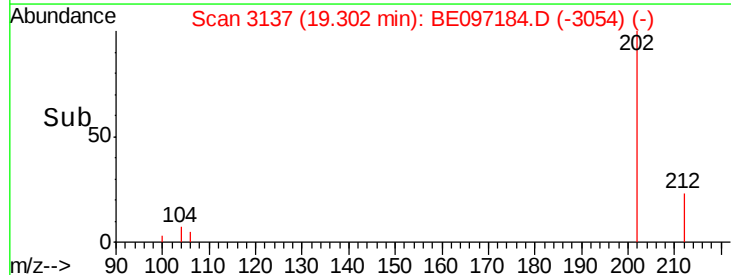
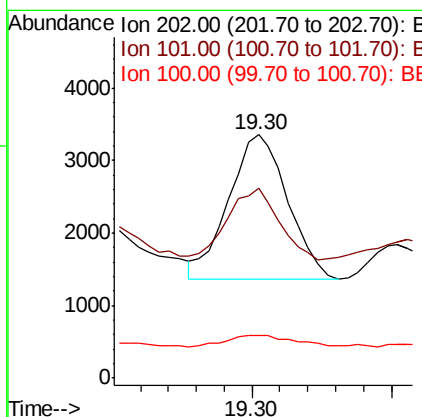
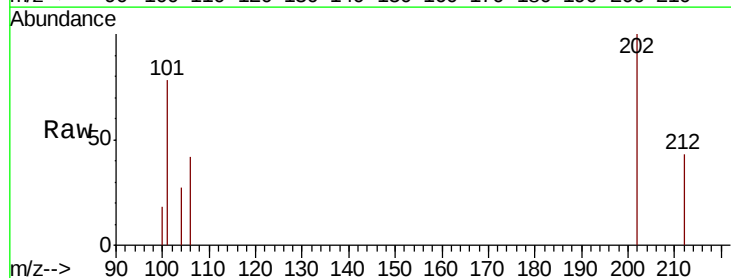
Instrument :
 BNA_E
 ClientSampleId :

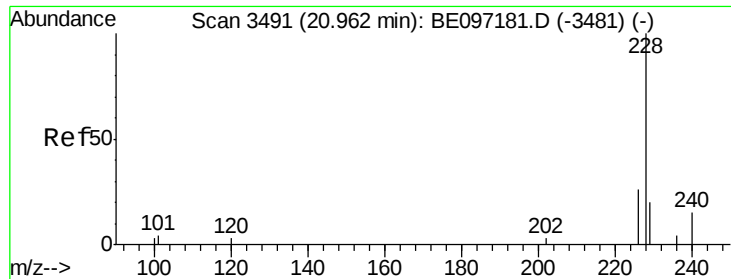
Tot Ion:166 Resp: 1140
 Ion Ratio Lower Upper
 166 100
 165 121.2 73.4 110.2#
 167 39.1 14.6 22.0#



#17
Pyrene
 Concen: 27.187 ng/ul
 RT: 19.30 min Scan# 3137
 Delta R.T. 0.10 min
 Lab File: BE097184.D
 Acq: 3 Aug 2018 18:00

Tgt Ion:202 Resp: 2914
 Ion Ratio Lower Upper
 202 100
 101 78.2 18.2 27.4#
 100 17.8 15.6 23.4

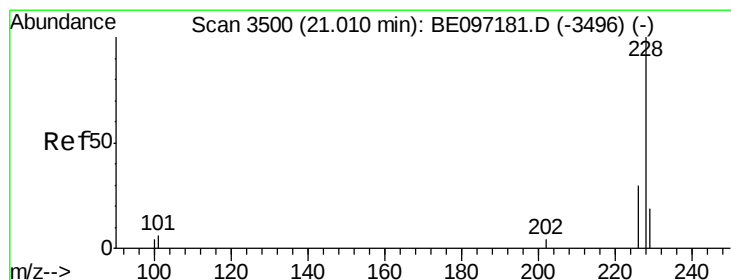
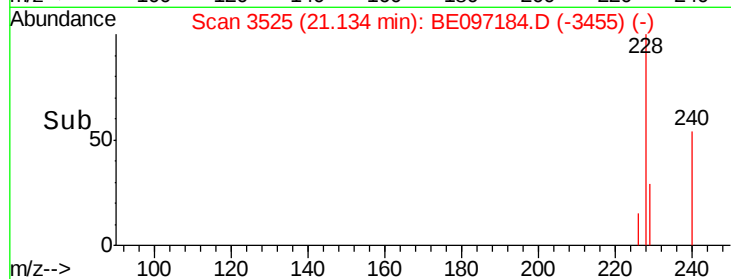
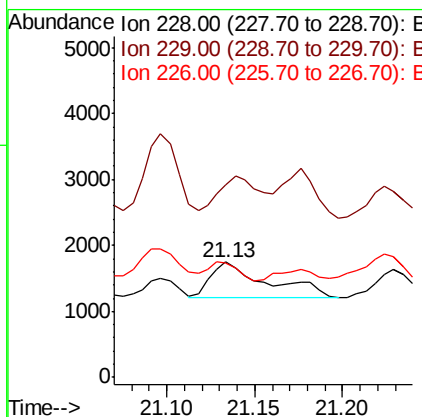
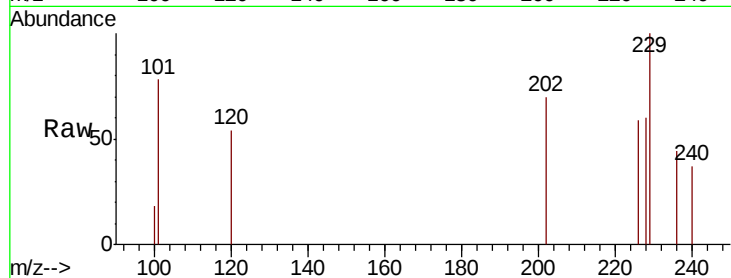




#18
Benzo(a)anthracene
Concen: 10.499 ng/ul
RT: 21.13 min Scan# 3525
Delta R.T. 0.17 min
Lab File: BE097184.D
Acq: 3 Aug 2018 18:00

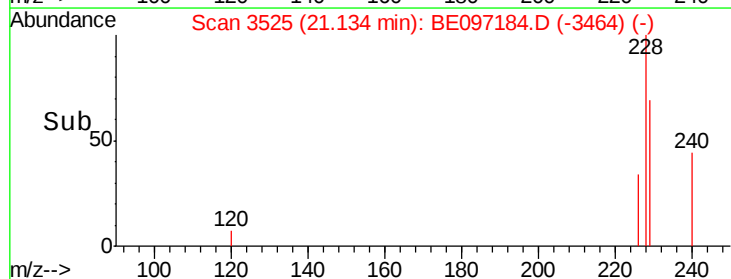
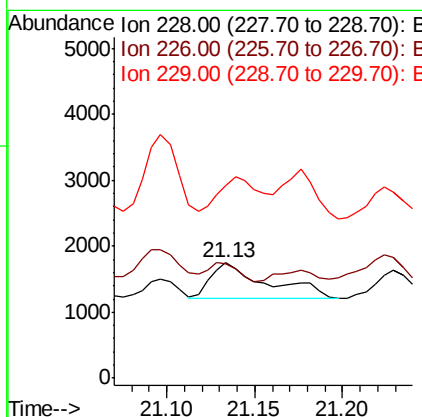
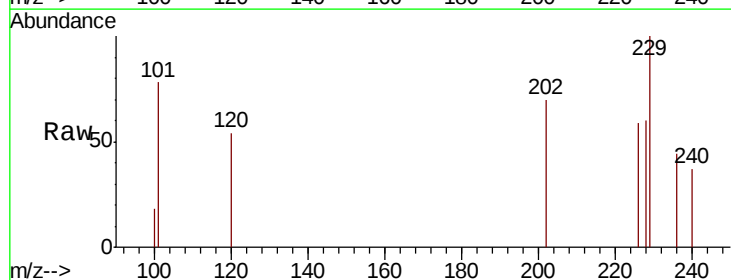
Instrument :
BNA_E
ClientSampleId :

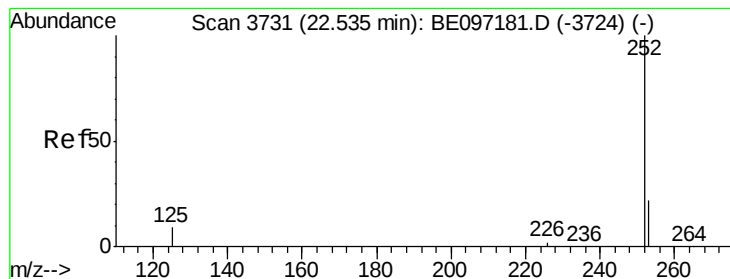
Tot Ion:228 Resp: 1200
Ion Ratio Lower Upper
228 100
229 167.5 22.8 34.2#
226 99.3 17.0 25.6#



#19
Chrysene
Concen: 10.188 ng/ul
RT: 21.13 min Scan# 3525
Delta R.T. 0.12 min
Lab File: BE097184.D
Acq: 3 Aug 2018 18:00

Tgt Ion:228 Resp: 1200
Ion Ratio Lower Upper
228 100
226 99.3 23.4 35.0#
229 167.5 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.469 ng/ul

RT: 22.77 min Scan# 3766

Delta R.T. 0.23 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

Instrument :

BNA_E

ClientSampleId :

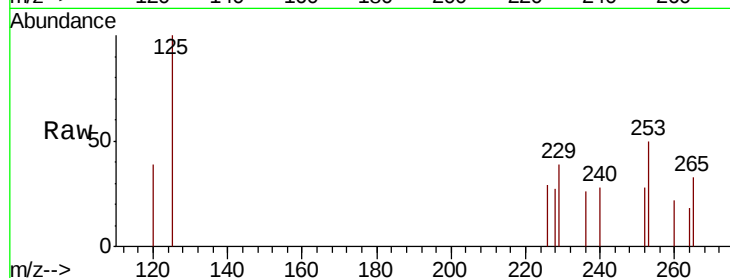
Tot Ion:252 Resp: 198

Ion Ratio Lower Upper

252 100

253 176.7 0.0 64.2#

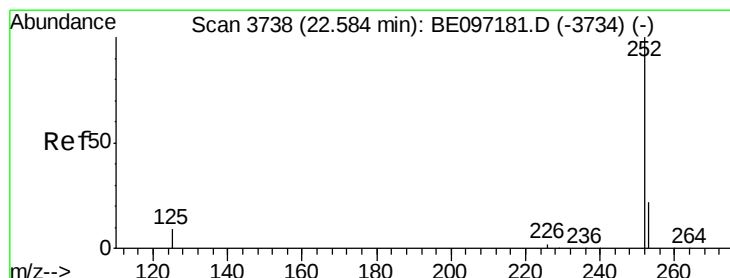
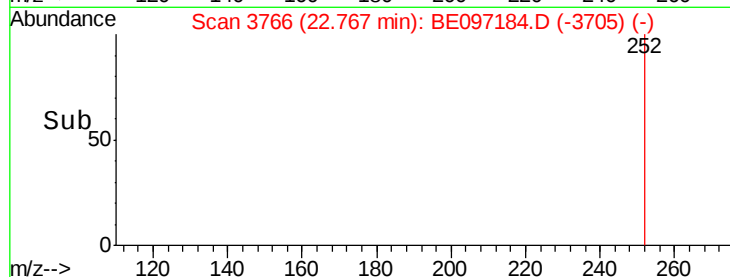
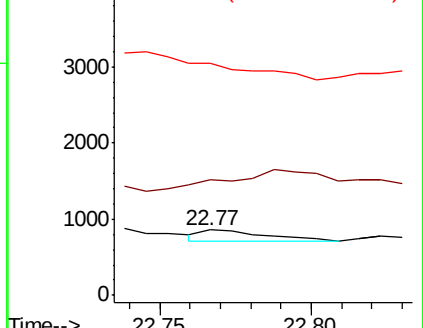
125 357.0 0.0 35.0#



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: 3.394 ng/ul

RT: 22.89 min Scan# 3783

Delta R.T. 0.30 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

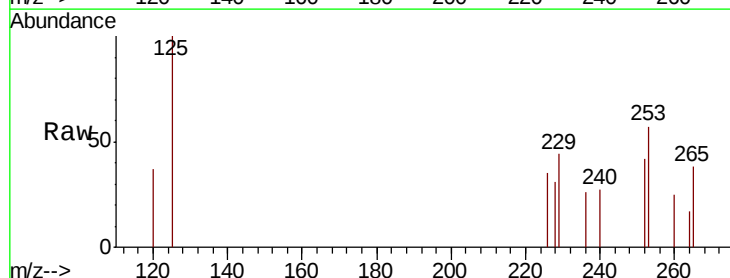
Tgt Ion:252 Resp: 1546

Ion Ratio Lower Upper

252 100

253 135.8 24.5 36.7#

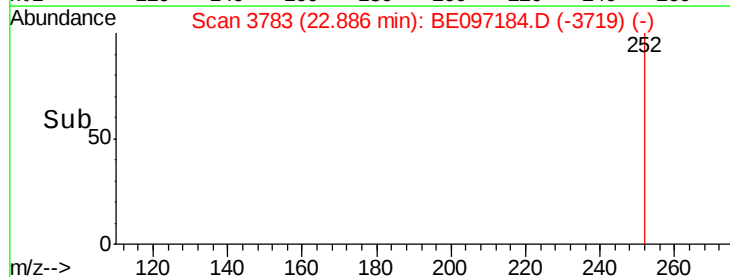
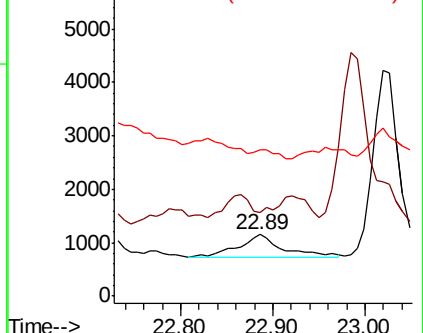
125 237.1 13.7 20.5#

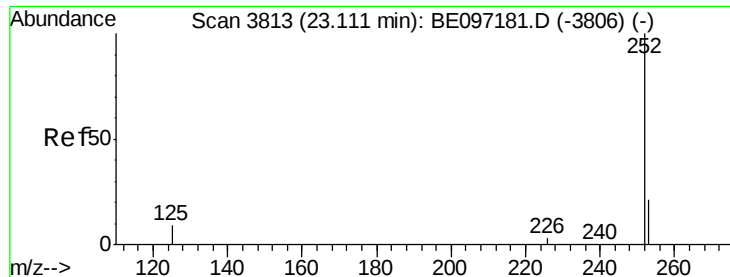


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.415 ng/ul

RT: 23.37 min Scan# 3852

Delta R.T. 0.26 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

Instrument :

BNA_E

ClientSampleId :

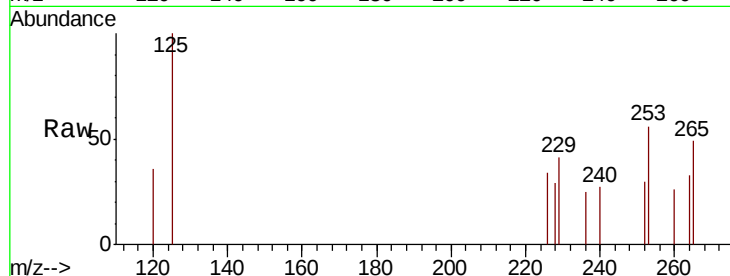
Tot Ion:252 Resp: 598

Ion Ratio Lower Upper

252 100

253 186.5 28.5 42.7#

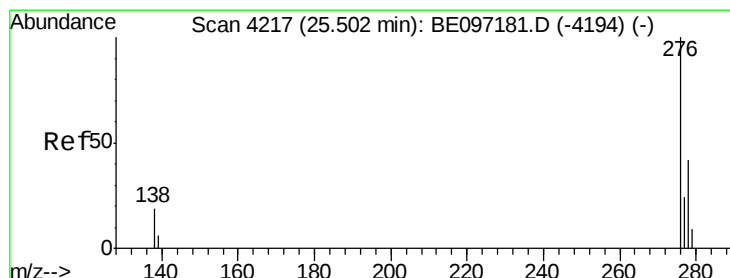
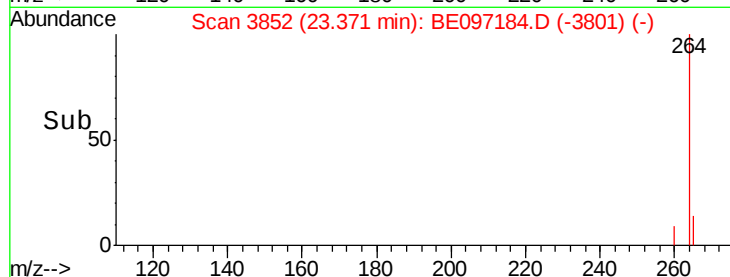
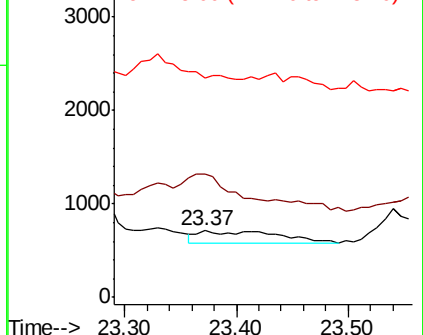
125 330.4 18.1 27.1#



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: 0.599 ng/ul

RT: 25.79 min Scan# 4300

Delta R.T. 0.29 min

Lab File: BE097184.D

Acq: 3 Aug 2018 18:00

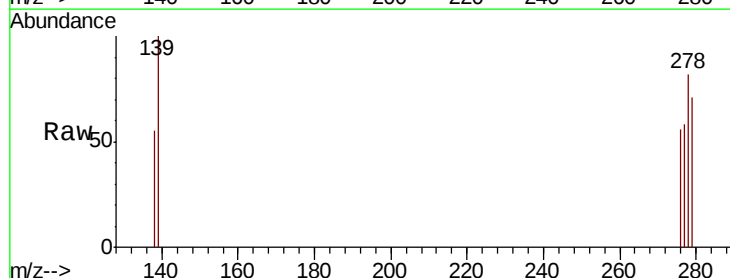
Tgt Ion:276 Resp: 317

Ion Ratio Lower Upper

276 100

138 33.8 28.0 42.0

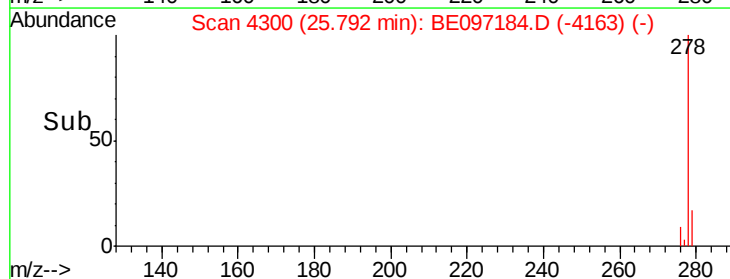
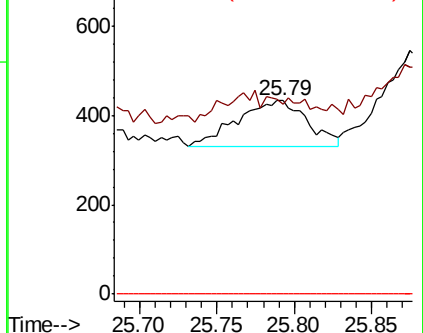
227 0.0 8.0 12.0#

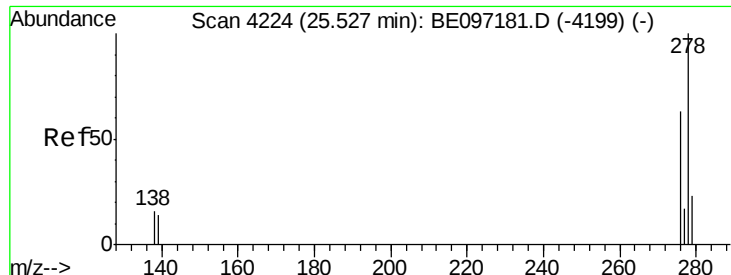


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

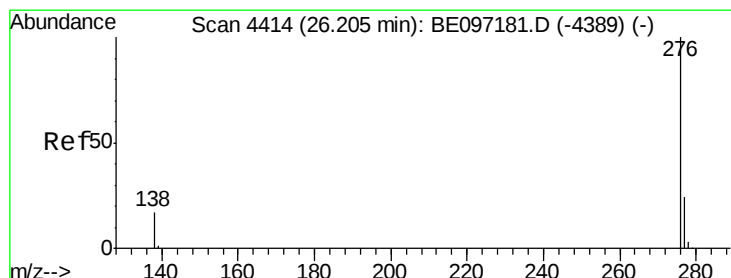
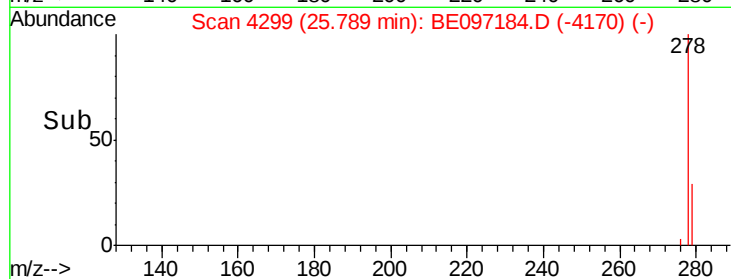
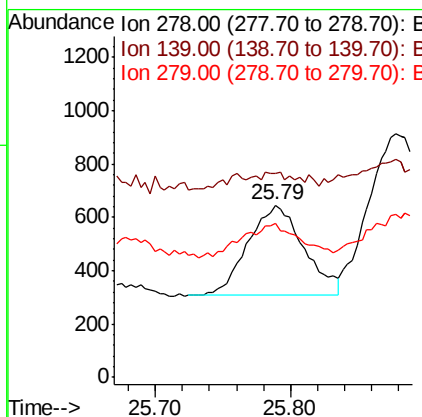
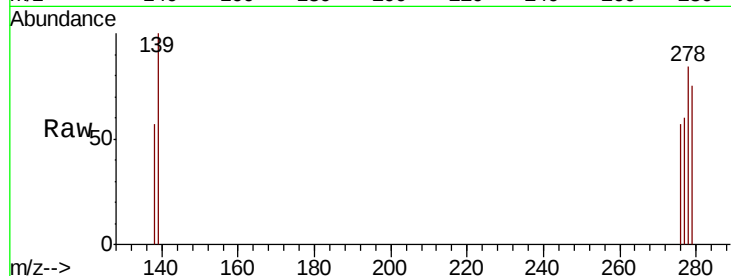




#25
Dibenzo(a,h)anthracene
Concen: 2.259 ng/ul
RT: 25.79 min Scan# 4299
Delta R.T. 0.26 min
Lab File: BE097184.D
Acq: 3 Aug 2018 18:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 978
Ion Ratio Lower Upper
278 100
139 118.4 17.4 26.0#
279 89.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 2.119 ng/ul
RT: 26.58 min Scan# 4521
Delta R.T. 0.38 min
Lab File: BE097184.D
Acq: 3 Aug 2018 18:00

Tgt Ion:276 Resp: 969
Ion Ratio Lower Upper
276 100
138 65.7 21.8 32.8#
277 73.1 20.5 30.7#

