

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095799.D
 Acq On : 15 Mar 2018 12:26
 Operator : SJ/JU
 Sample : J1835-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 01:13:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

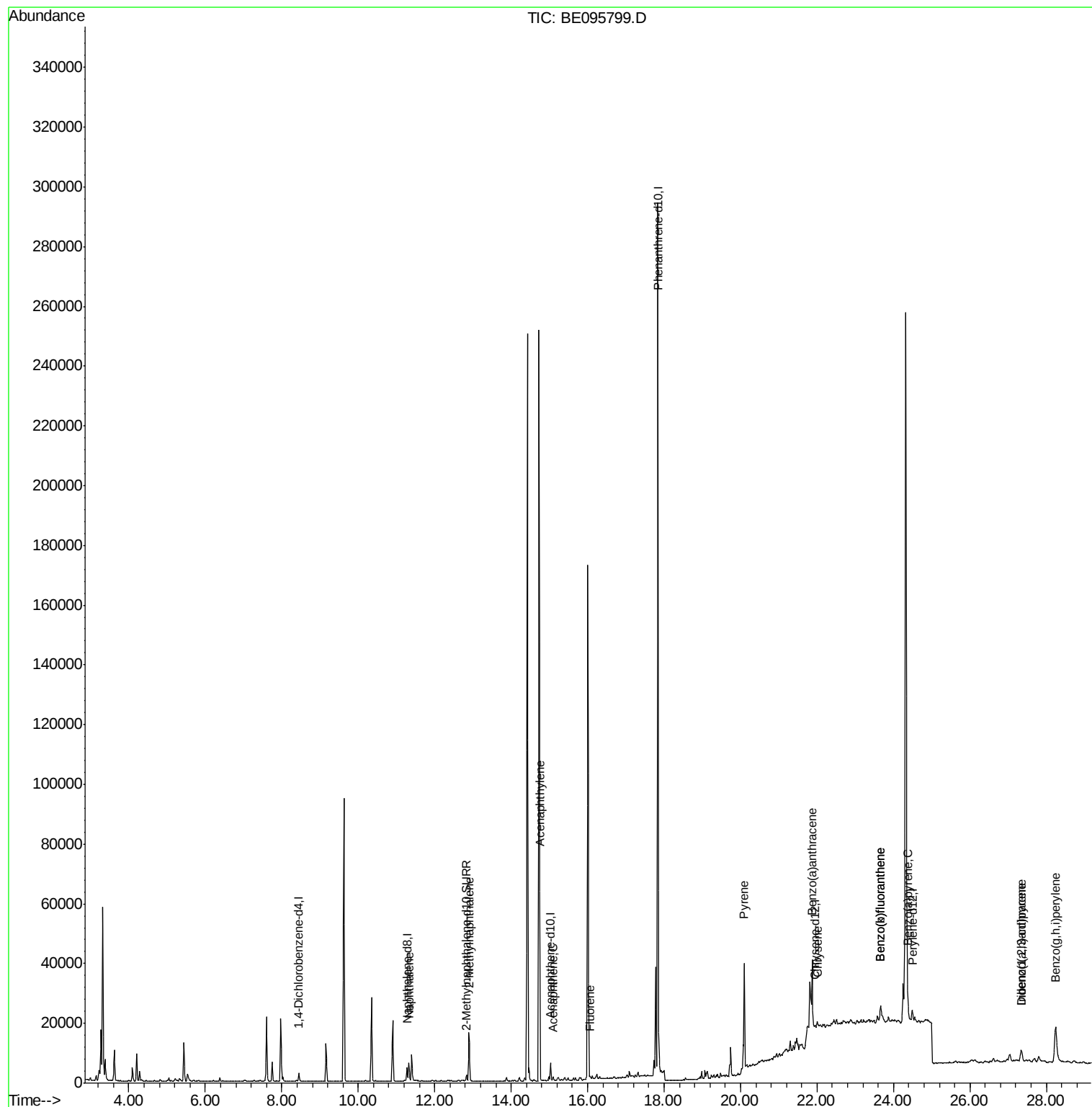
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1959	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	5719	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3293	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	349055	0.40	ng/ul	0.10
16) Chrysene-d12	21.94	240	113	0.40	ng/ul	0.11
20) Perylene-d12	24.49	264	6967	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	2603	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.80	212	153	0.00	ng/ul	0.09
Target Compounds					Ovalue	
3) Naphthalene	11.32	128	8635	0.541	ng/ul#	90
5) 2-Methylnaphthalene	12.90	142	12777	1.151	ng/ul	99
7) Acenaphthylene	14.75	152	381	0.023	ng/ul#	8
8) Acenaphthene	15.10	153	673	0.054	ng/ul#	74
9) Fluorene	16.06	166	722	0.053	ng/ul#	66
17) Pyrene	20.10	202	39904	93.000	ng/ul#	78
18) Benzo(a)anthracene	21.87	228	24242	66.489	ng/ul#	80
19) Chrysene	22.00	228	1370	3.690	ng/ul#	1
21) Benzo(b)fluoranthene	23.66	252	12699	0.526	ng/ul#	40
22) Benzo(k)fluoranthene	23.66	252	12475	0.544	ng/ul#	37
23) Benzo(a)pyrene	24.37	252	11765	0.534	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	27.34	276	7384	0.302	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.35	278	3360	0.172	ng/ul#	1
26) Benzo(g,h,i)perylene	28.24	276	36838	1.755	ng/ul#	92

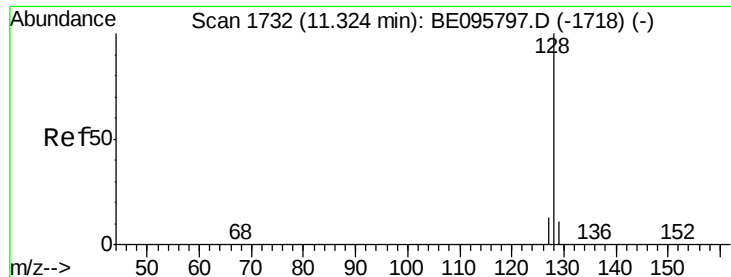
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 01:12:14 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.541 ng/ul

RT: 11.32 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BE095799.D

Acq: 15 Mar 2018 12:26

Instrument :

BNA_E

ClientSampleId :

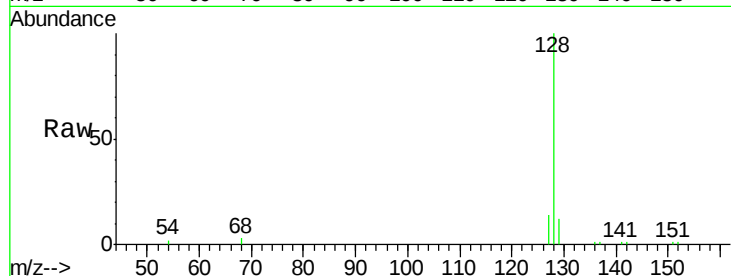
Tot Ion:128 Resp: 8635

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

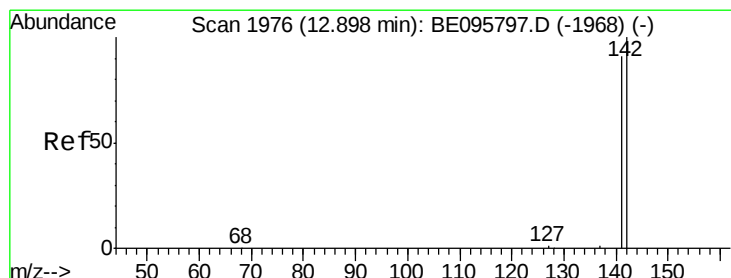
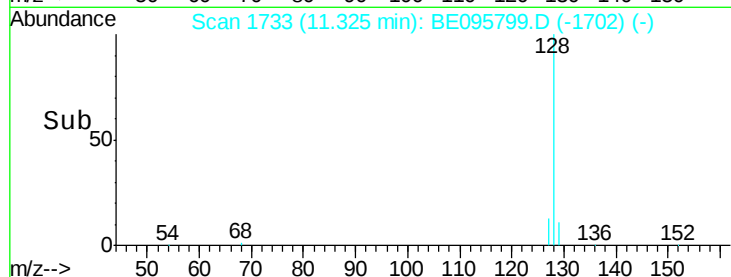
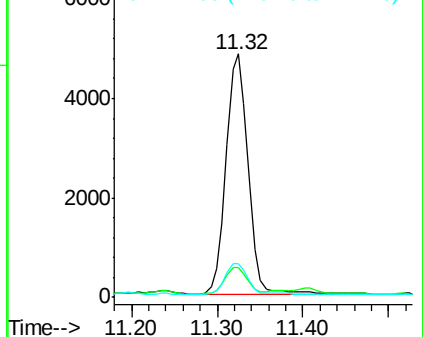
127 13.7 4.0 6.0#



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: 1.151 ng/ul

RT: 12.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BE095799.D

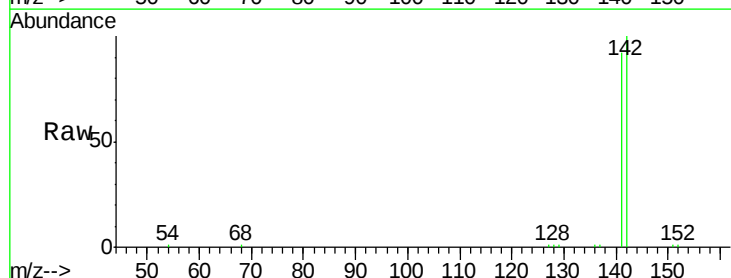
Acq: 15 Mar 2018 12:26

Tgt Ion:142 Resp: 12777

Ion Ratio Lower Upper

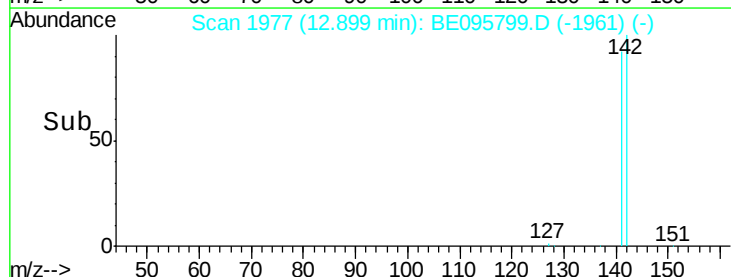
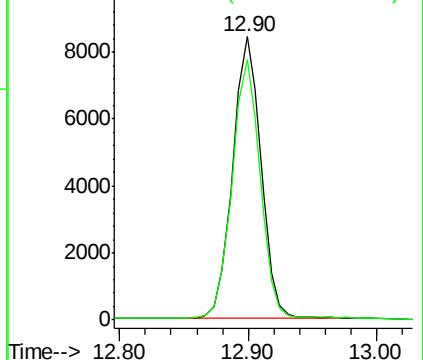
142 100

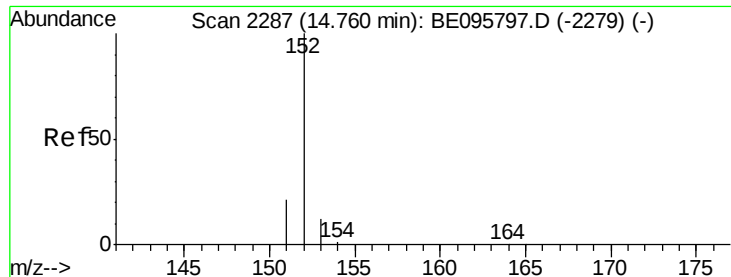
141 91.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.75 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BE095799.D

Acq: 15 Mar 2018 12:26

Instrument :

BNA_E

ClientSampleId :

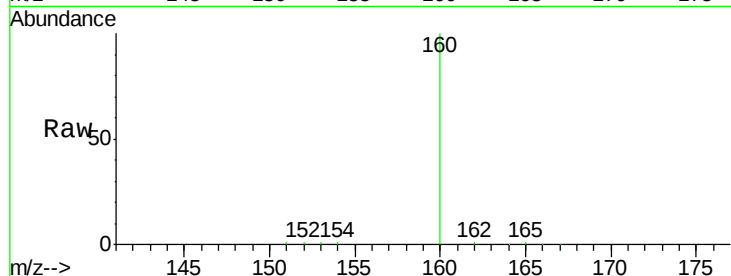
Tot Ion:152 Resp: 381

Ion Ratio Lower Upper

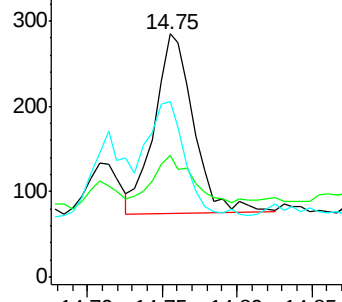
152 100

151 50.2 17.1 25.7#

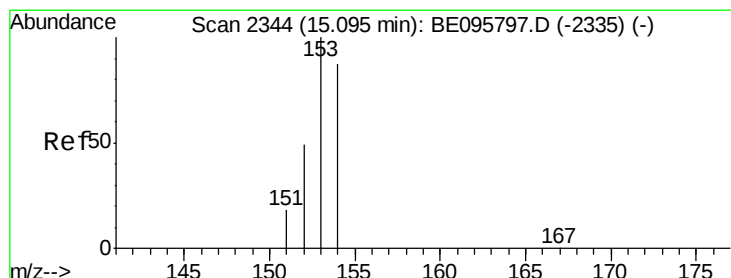
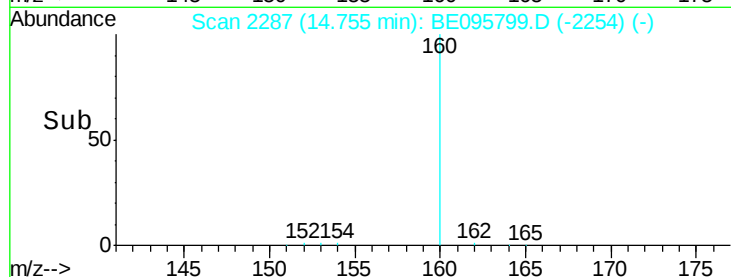
153 72.3 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.054 ng/ul

RT: 15.10 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BE095799.D

Acq: 15 Mar 2018 12:26

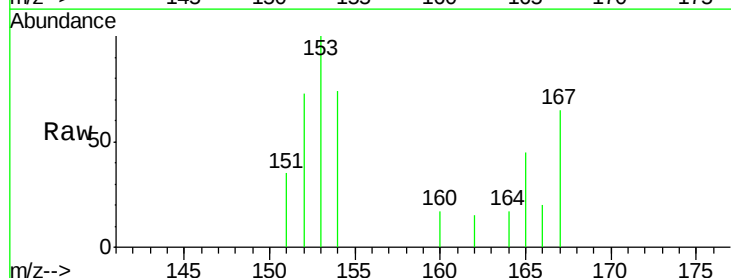
Tgt Ion:153 Resp: 673

Ion Ratio Lower Upper

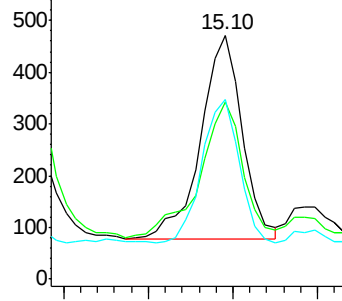
153 100

152 72.6 36.0 54.0#

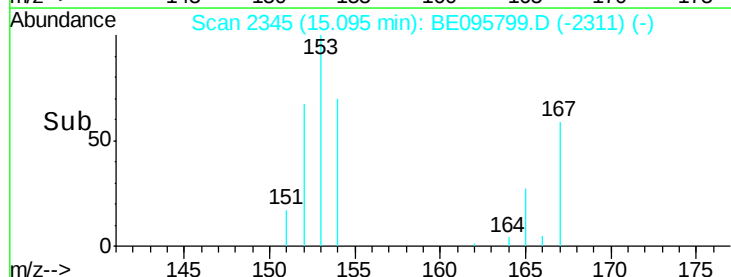
154 73.7 72.0 108.0

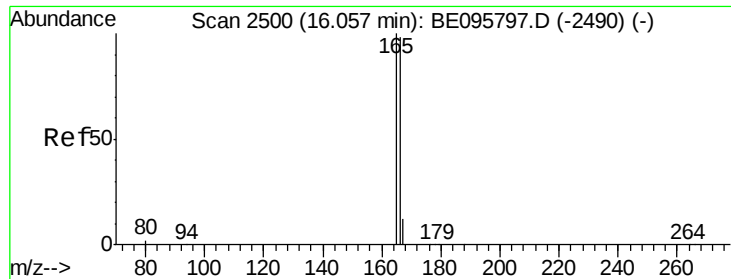


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

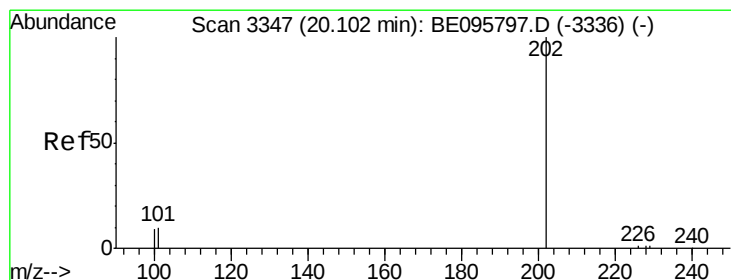
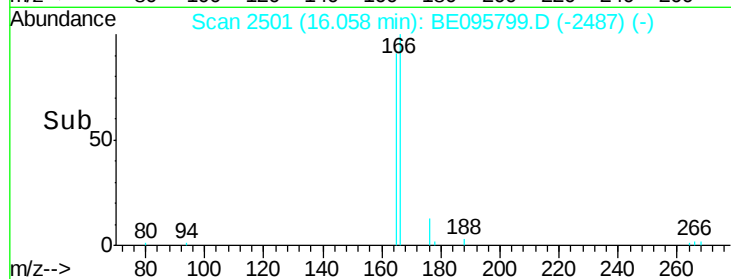
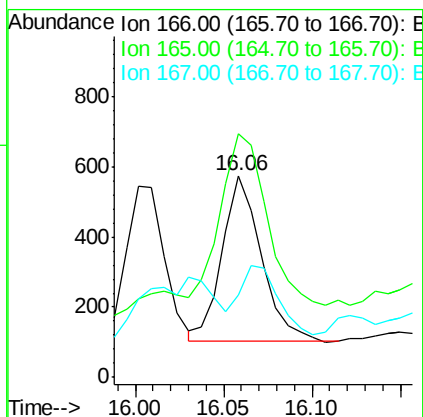
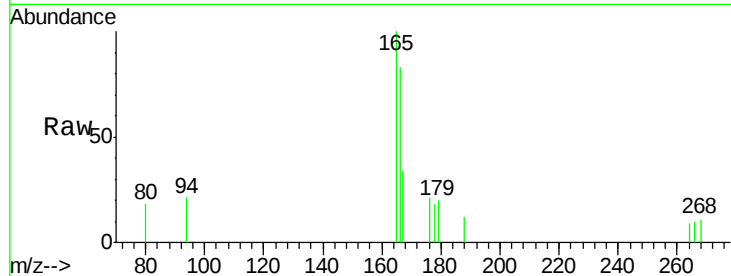




#9
Fluorene
 Concen: 0.053 ng/ul
 RT: 16.06 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BE095799.D
 Acq: 15 Mar 2018 12:26

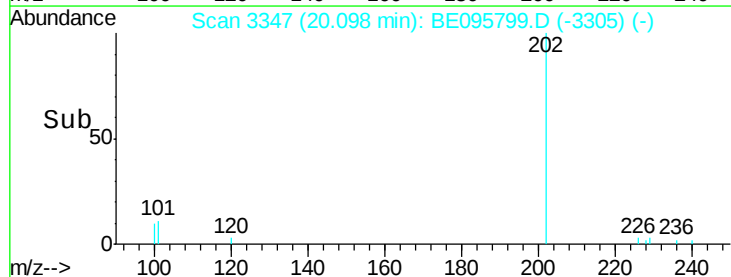
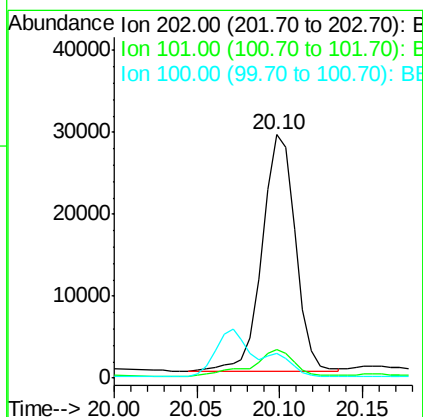
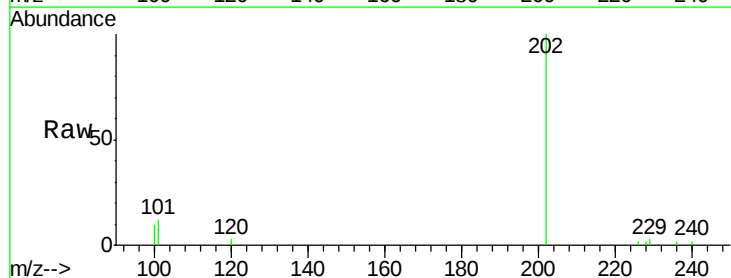
Instrument :
 BNA_E
 ClientSampleId :

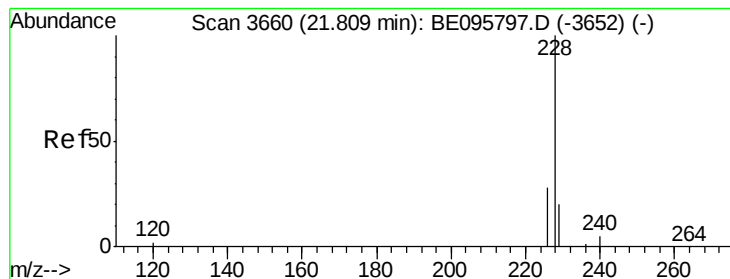
Tot Ion:166 Resp: 722
 Ion Ratio Lower Upper
 166 100
 165 120.7 73.4 110.2#
 167 41.0 14.6 22.0#



#17
Pyrene
 Concen: 93.000 ng/ul
 RT: 20.10 min Scan# 3347
 Delta R.T. -0.00 min
 Lab File: BE095799.D
 Acq: 15 Mar 2018 12:26

Tgt Ion:202 Resp: 39904
 Ion Ratio Lower Upper
 202 100
 101 11.7 18.2 27.4#
 100 10.2 15.6 23.4#

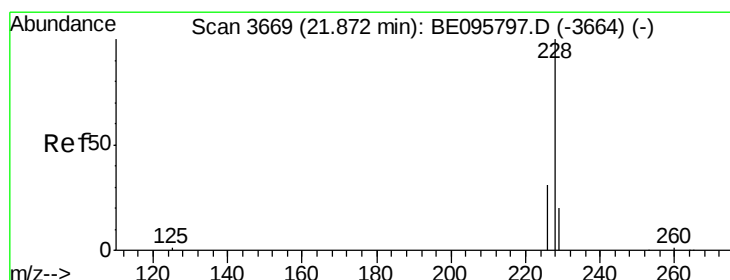
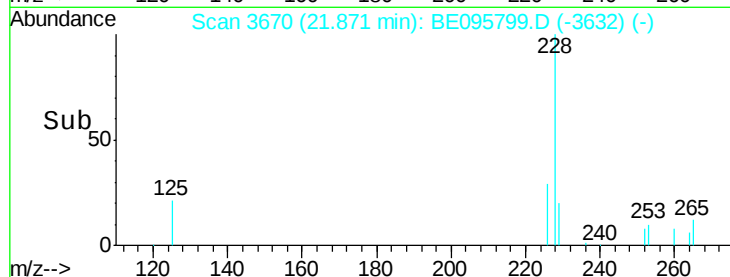
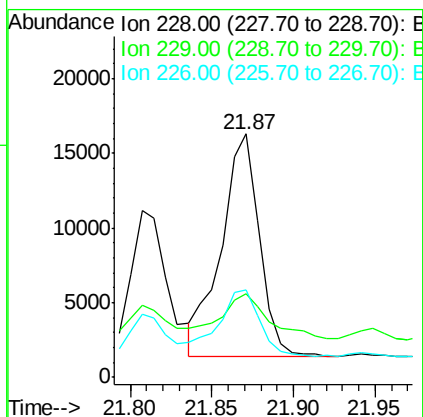
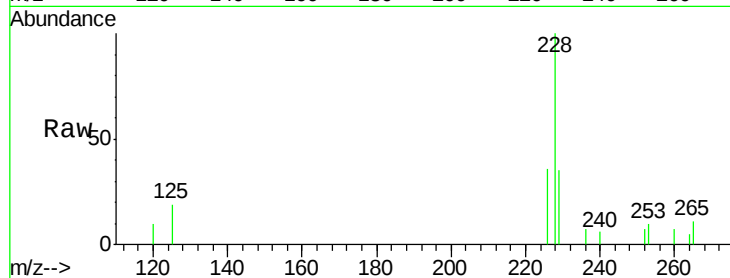




#18
Benzo(a)anthracene
Concen: 66.489 ng/ul
RT: 21.87 min Scan# 3670
Delta R.T. 0.06 min
Lab File: BE095799.D
Acq: 15 Mar 2018 12:26

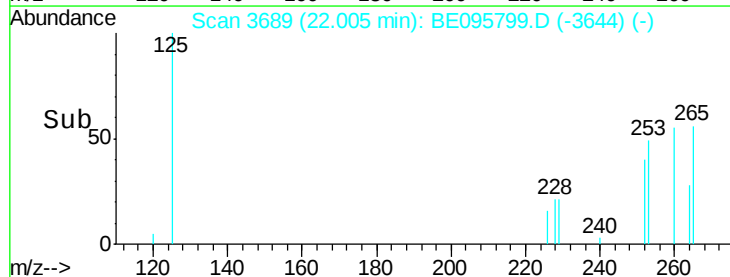
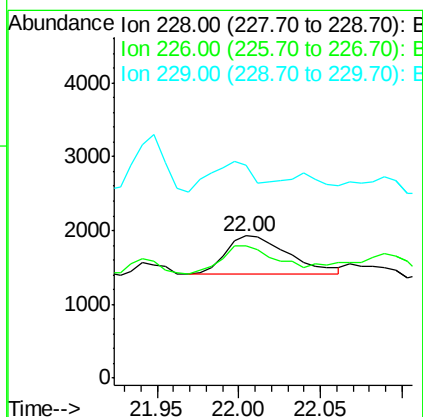
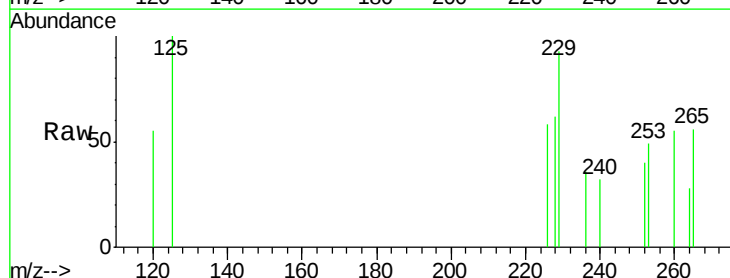
Instrument :
BNA_E
ClientSampleId :

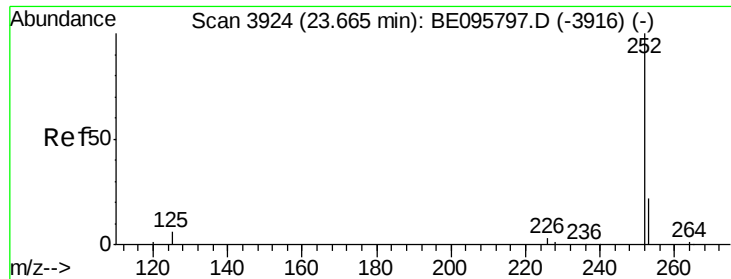
Tot Ion:228 Resp: 24242
Ion Ratio Lower Upper
228 100
229 34.6 22.8 34.2#
226 36.2 17.0 25.6#



#19
Chrysene
Concen: 3.690 ng/ul
RT: 22.00 min Scan# 3689
Delta R.T. 0.13 min
Lab File: BE095799.D
Acq: 15 Mar 2018 12:26

Tgt Ion:228 Resp: 1370
Ion Ratio Lower Upper
228 100
226 93.4 23.4 35.0#
229 150.2 17.7 26.5#

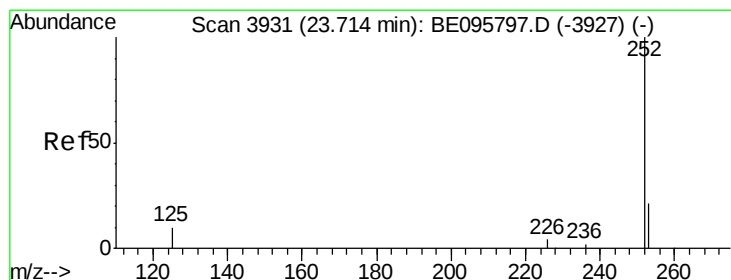
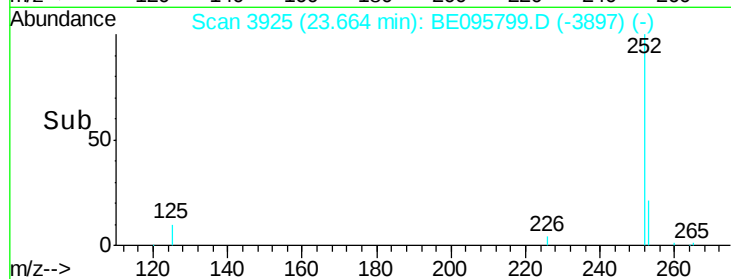
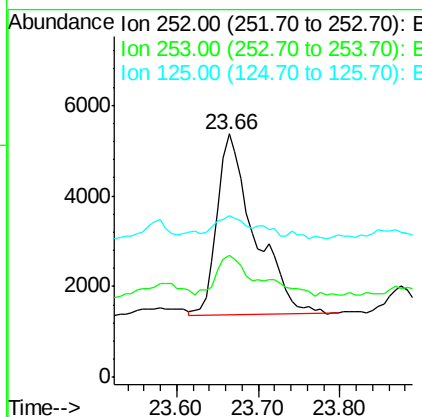
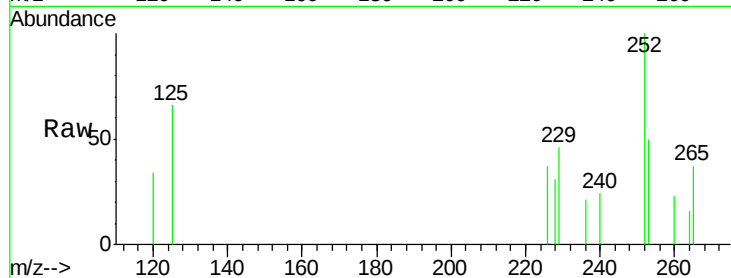




#21
Benzo(b)fluoranthene
Concen: 0.526 ng/ul
RT: 23.66 min Scan# 3925
Delta R.T. -0.00 min
Lab File: BE095799.D
Acq: 15 Mar 2018 12:26

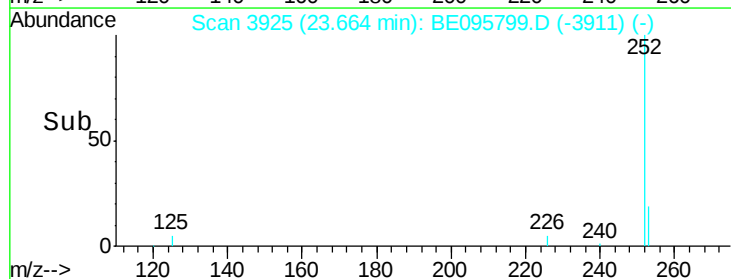
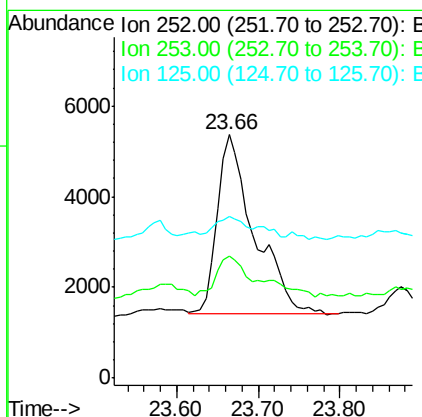
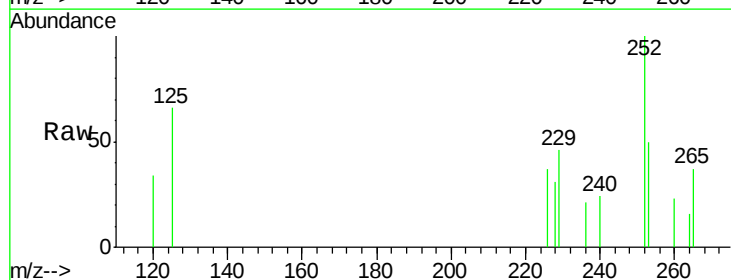
Instrument :
BNA_E
ClientSampleId :

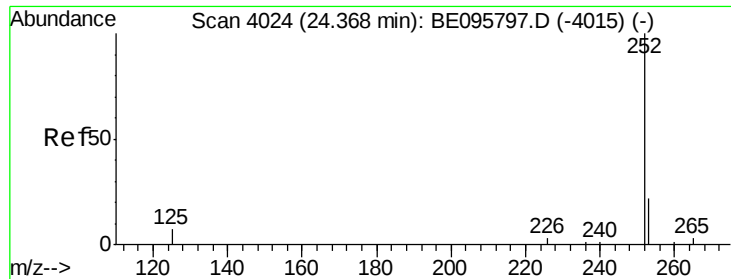
Tot Ion:252 Resp: 12699
Ion Ratio Lower Upper
252 100
253 50.0 0.0 64.2
125 66.2 0.0 35.0#



#22
Benzo(k)fluoranthene
Concen: 0.544 ng/ul
RT: 23.66 min Scan# 3925
Delta R.T. -0.05 min
Lab File: BE095799.D
Acq: 15 Mar 2018 12:26

Tgt Ion:252 Resp: 12475
Ion Ratio Lower Upper
252 100
253 50.0 24.5 36.7#
125 66.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.534 ng/ul

RT: 24.37 min Scan# 4026

Delta R.T. 0.01 min

Lab File: BE095799.D

Acq: 15 Mar 2018 12:26

Instrument :

BNA_E

ClientSampled :

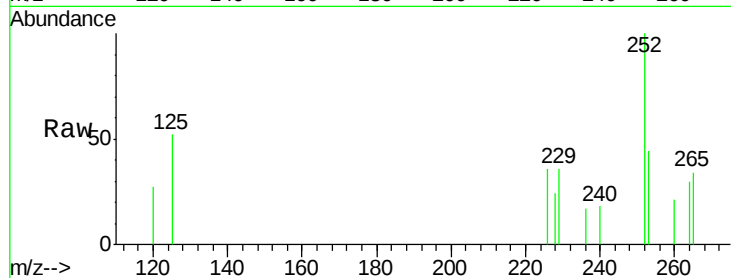
Tot Ion:252 Resp: 11765

Ion Ratio Lower Upper

252 100

253 43.8 28.5 42.7#

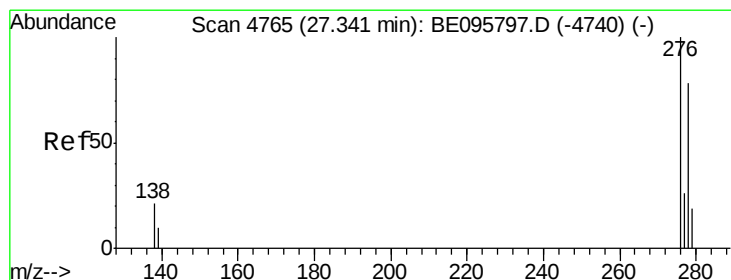
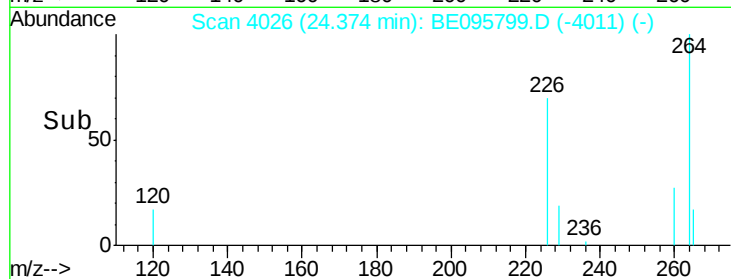
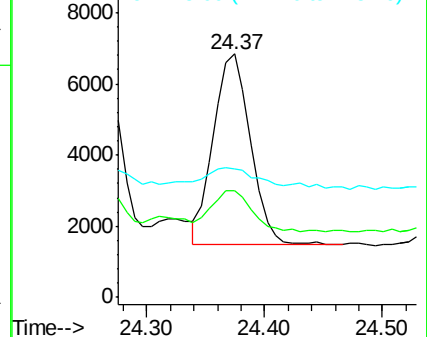
125 52.5 18.1 27.1#



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: 0.302 ng/ul

RT: 27.34 min Scan# 4767

Delta R.T. 0.00 min

Lab File: BE095799.D

Acq: 15 Mar 2018 12:26

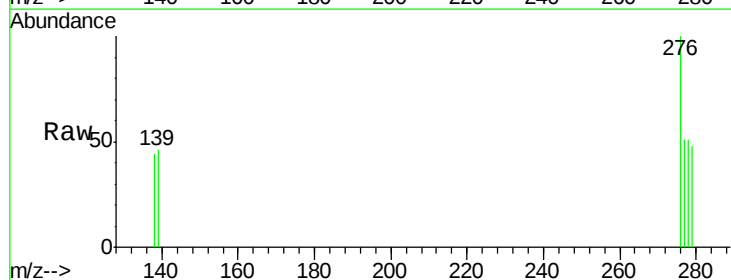
Tgt Ion:276 Resp: 7384

Ion Ratio Lower Upper

276 100

138 19.6 28.0 42.0#

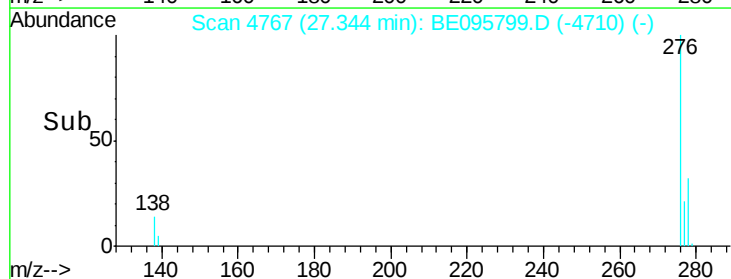
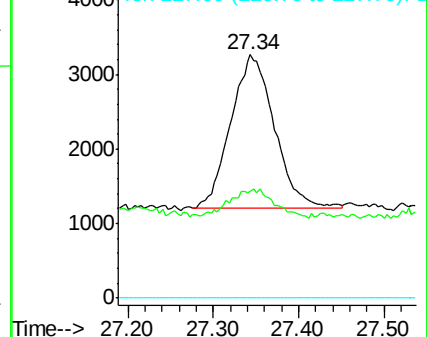
227 0.0 8.0 12.0#

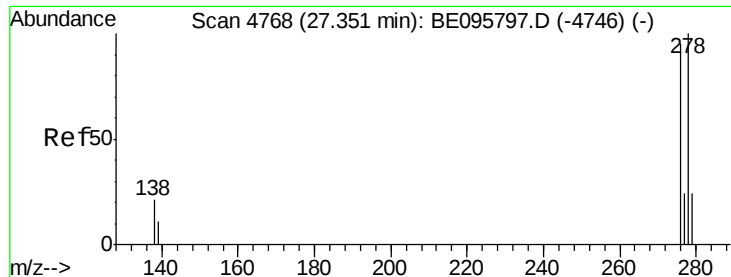


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

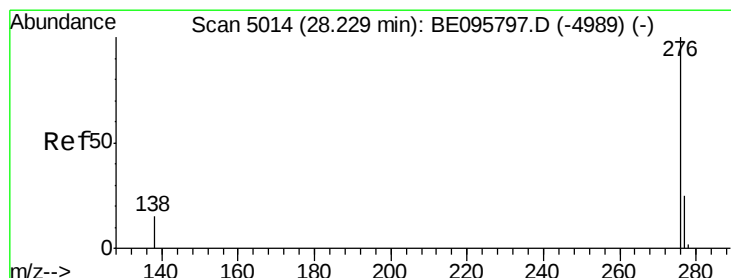
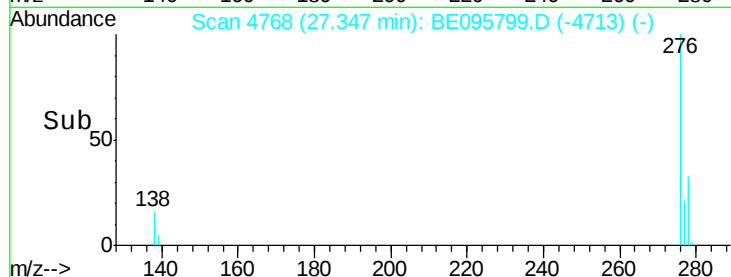
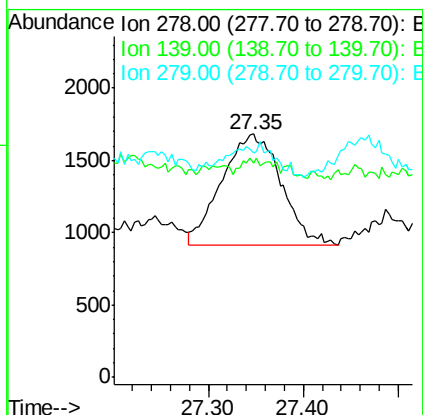
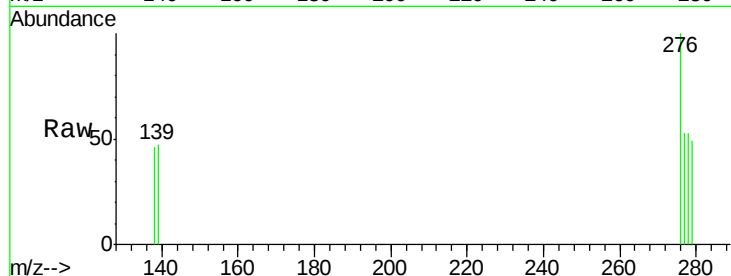




#25
Dibenzo(a,h)anthracene
Concen: 0.172 ng/u1
RT: 27.35 min Scan# 4768
Delta R.T. -0.00 min
Lab File: BE095799.D
Acq: 15 Mar 2018 12:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3360
Ion Ratio Lower Upper
278 100
139 88.1 17.4 26.0#
279 92.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.755 ng/u1
RT: 28.24 min Scan# 5019
Delta R.T. 0.01 min
Lab File: BE095799.D
Acq: 15 Mar 2018 12:26

Tgt Ion:276 Resp: 36838
Ion Ratio Lower Upper
276 100
138 26.5 21.8 32.8
277 33.3 20.5 30.7#

