

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095759.D
 Acq On : 14 Mar 2018 12:08
 Operator : SJ/JU
 Sample : PB107174BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:36:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 01:35:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1901	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5365	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3416	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	560480	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.79
20) Perylene-d12	24.26	264	484345	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.80	152	3088	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

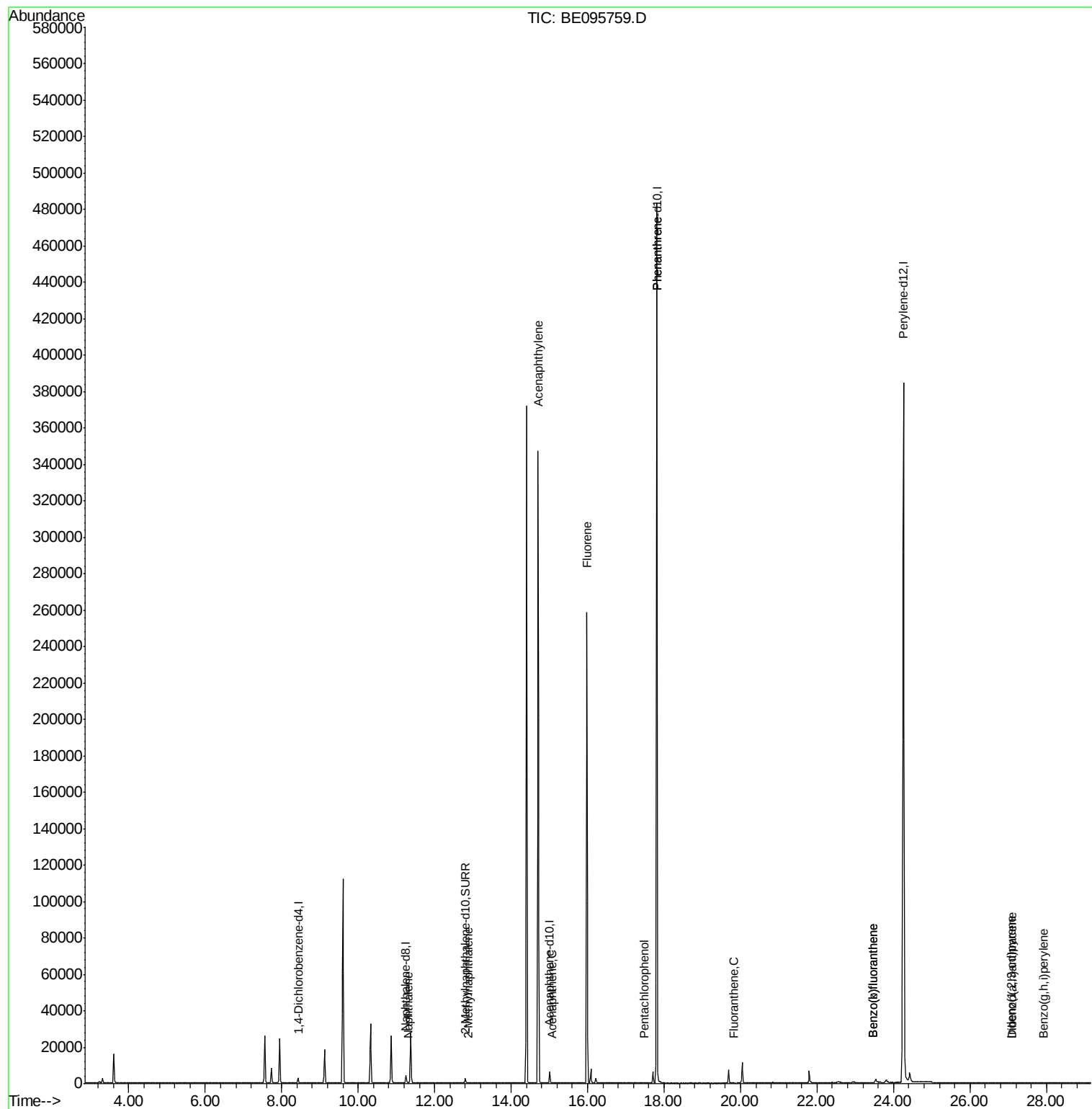
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	17	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.89	142	5	0.000	ng/ul#	68
7) Acenaphthylene	14.70	152	41	0.002	ng/ul#	1
8) Acenaphthene	15.07	153	7	0.001	ng/ul#	71
9) Fluorene	15.98	166	956	0.068	ng/ul#	21
11) Pentachlorophenol	17.47	266	10	0.000	ng/ul#	20
12) Phenanthrene	17.81	178	975	0.001	ng/ul#	1
15) Fluoranthene	19.81	202	3	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	23.47	252	13	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	23.47	252	13	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.08	276	1	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.10	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	27.92	276	2	0.000	ng/ul#	1

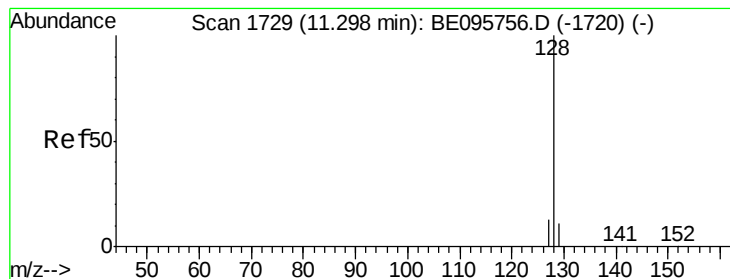
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 11.31 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

Instrument :

BNA_E

ClientSampleId :

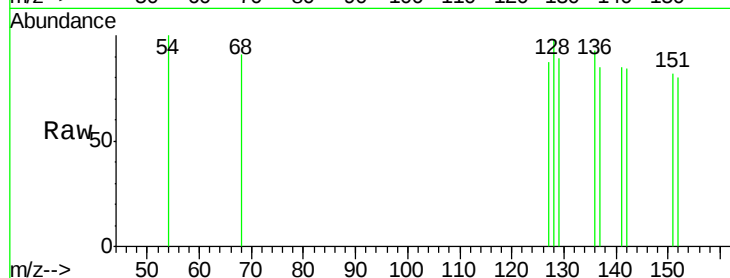
Tot Ion:128 Resp: 17

Ion Ratio Lower Upper

128 100

129 90.7 11.3 16.9#

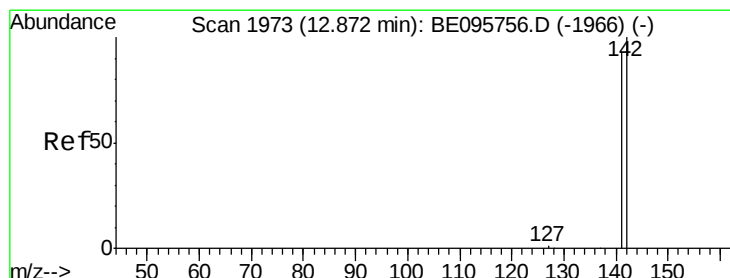
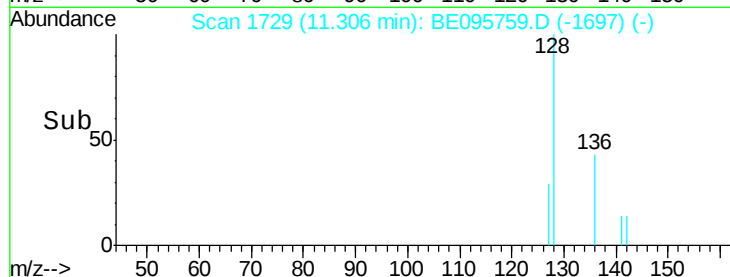
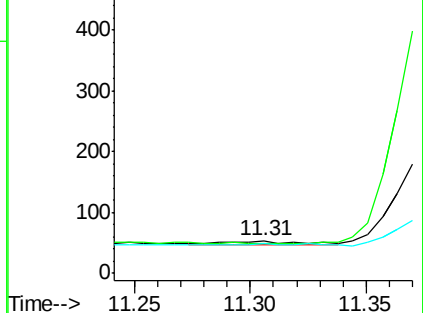
127 88.9 4.0 6.0#



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: 0.000 ng/ul

RT: 12.89 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BE095759.D

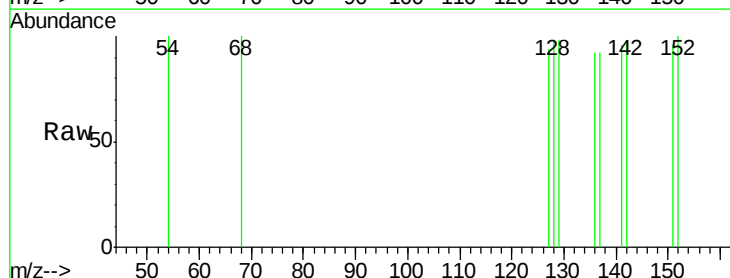
Acq: 14 Mar 2018 12:08

Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

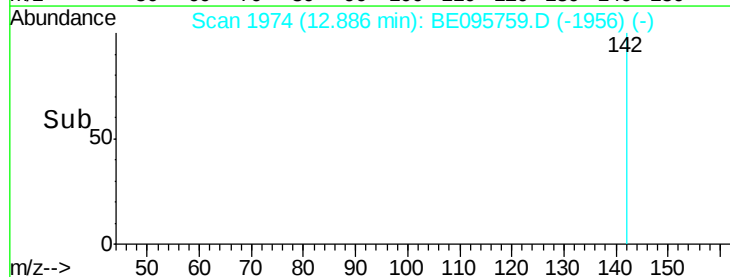
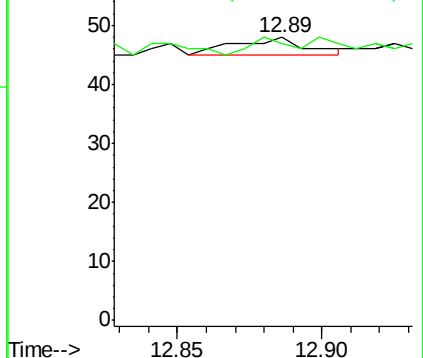
142 100

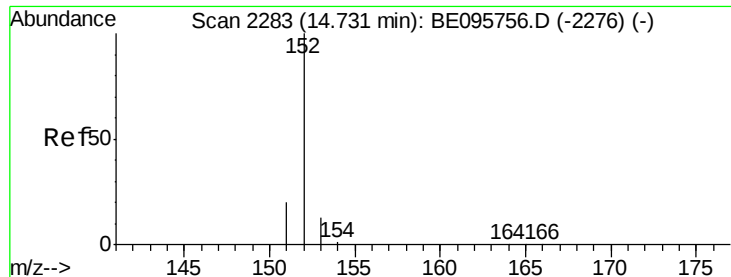
141 60.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

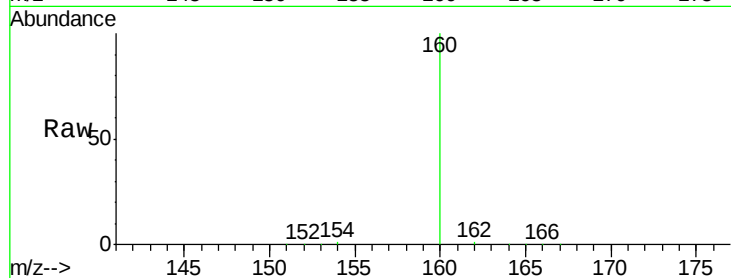
Instrument :

BNA_E

ClientSampled :

Tot Ion:152 Resp: 41

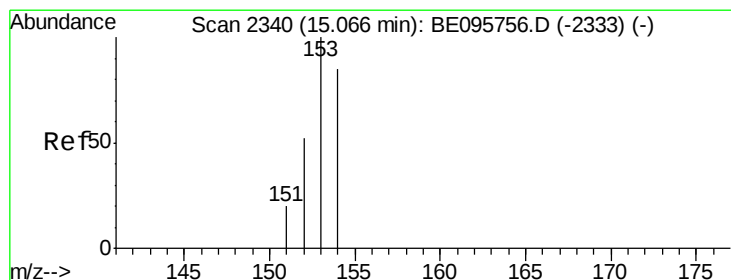
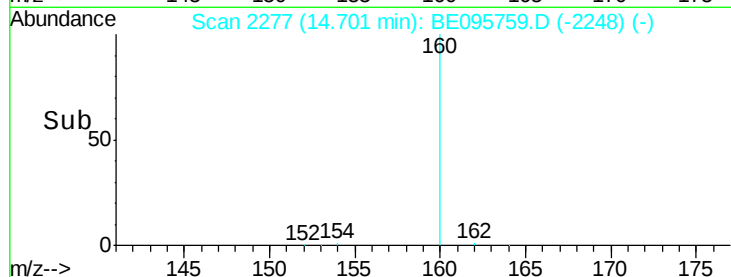
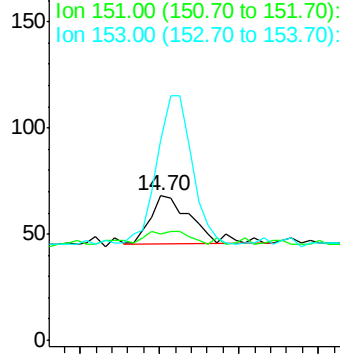
Ion	Ratio	Lower	Upper
152	100		
151	73.5	17.1	25.7#
153	138.2	12.8	19.2#



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: 0.001 ng/ul

RT: 15.07 min Scan# 2340

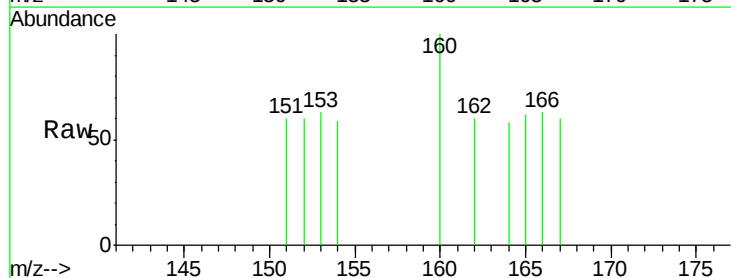
Delta R.T. 0.01 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

Tgt Ion:153 Resp: 7

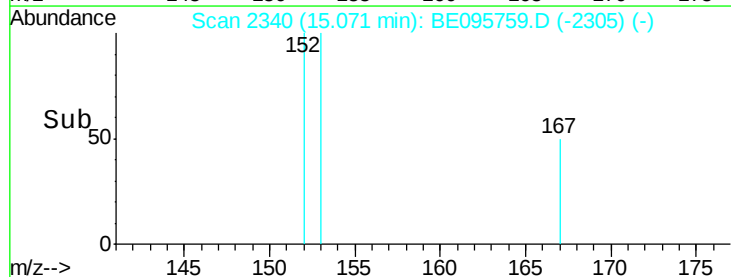
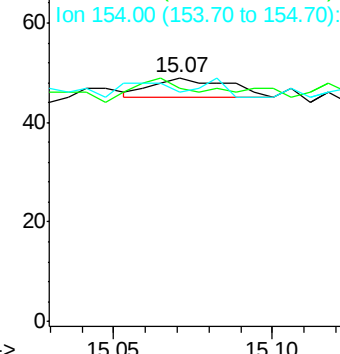
Ion	Ratio	Lower	Upper
153	100		
152	95.9	36.0	54.0#
154	93.9	72.0	108.0

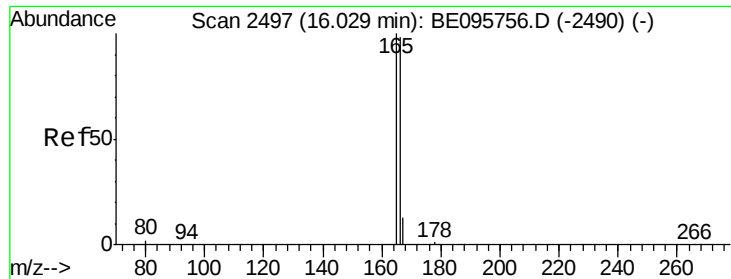


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.068 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. -0.05 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

Instrument :

BNA_E

ClientSampleId :

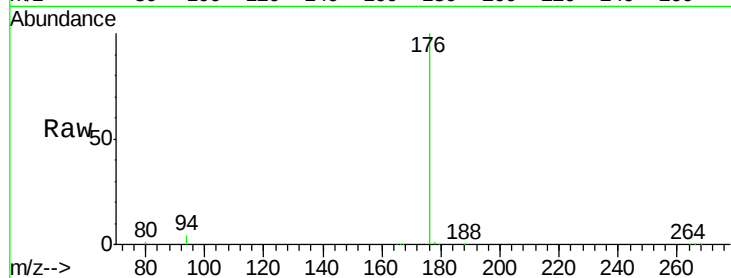
Tot Ion:166 Resp: 956

Ion Ratio Lower Upper

166 100

165 10.2 73.4 110.2#

167 39.6 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.98

800

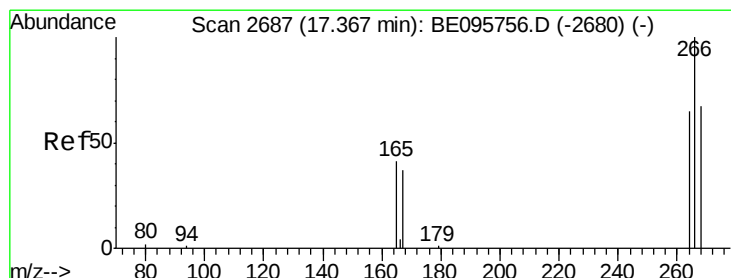
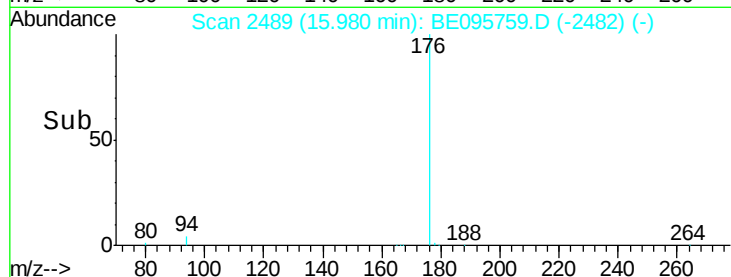
600

400

200

0

Time-->



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 17.47 min Scan# 2701

Delta R.T. 0.11 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

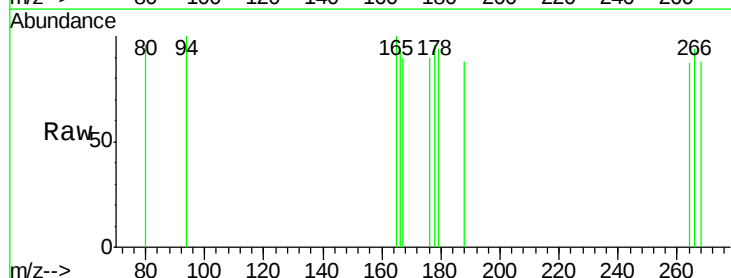
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

268 0.0 49.8 74.8#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

17.47

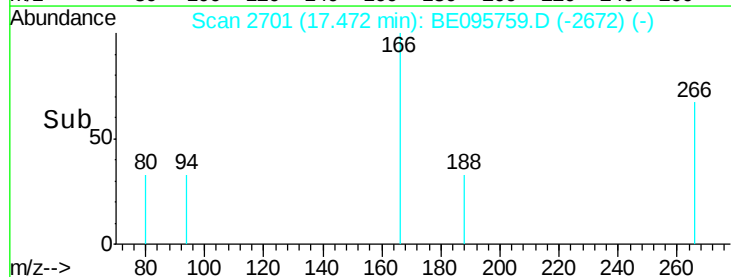
60

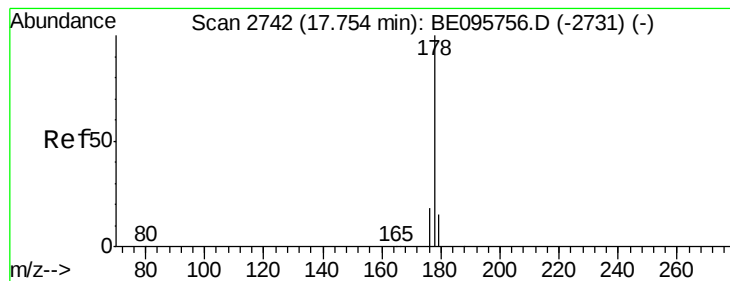
40

20

0

Time-->





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 17.81 min Scan# 2749

Delta R.T. 0.06 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

Instrument :

BNA_E

ClientSampleId :

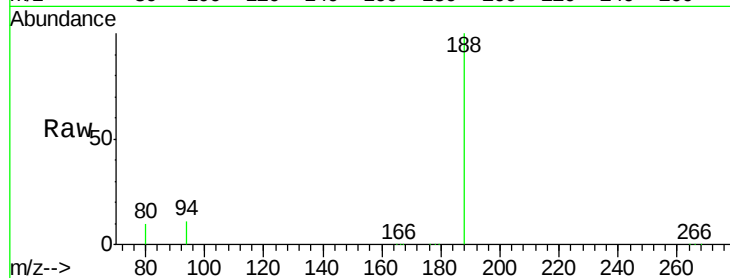
Tot Ion:178 Resp: 975

Ion Ratio Lower Upper

178 100

179 223.8 18.4 27.6#

176 23.8 13.6 20.4#



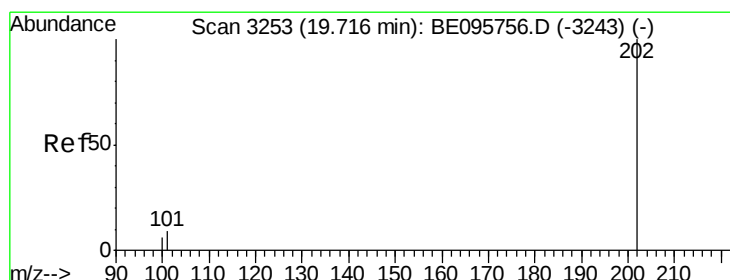
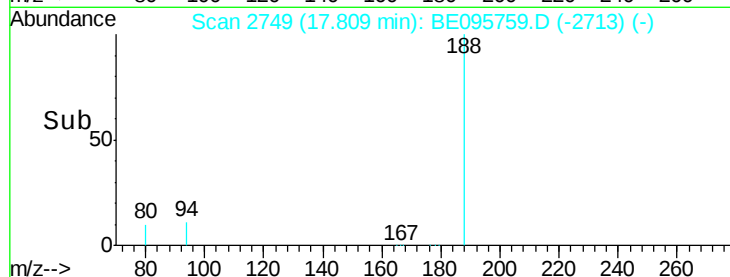
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.81

Time-->



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.81 min Scan# 3278

Delta R.T. 0.09 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

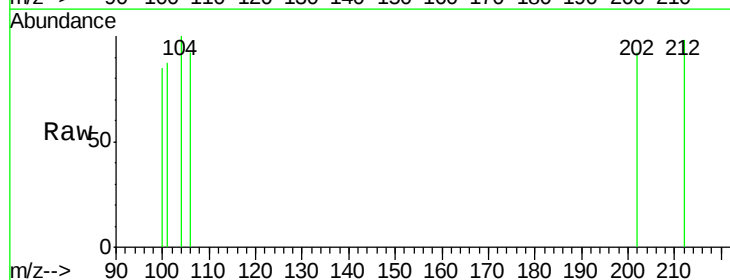
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

202 100

101 93.9 0.0 30.3#

100 91.8 0.0 39.5#



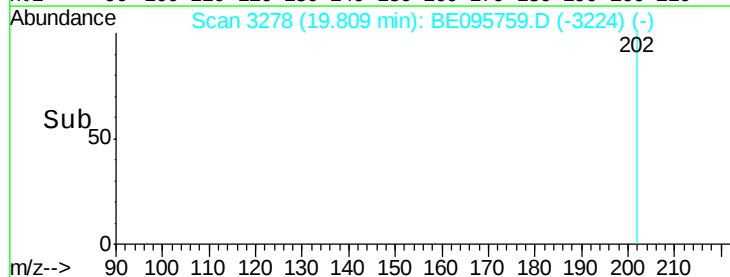
Abundance Ion 202.00 (201.70 to 202.70): E

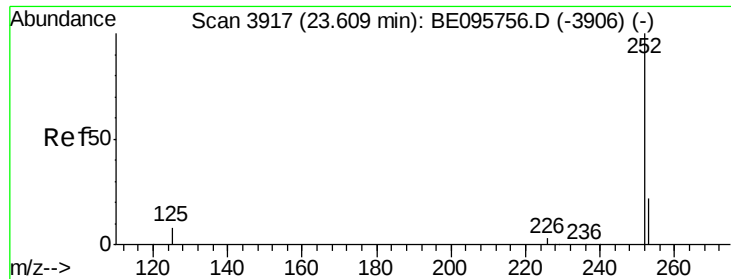
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.81

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 23.47 min Scan# 3897

Delta R.T. -0.14 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

Instrument :

BNA_E

ClientSampleId :

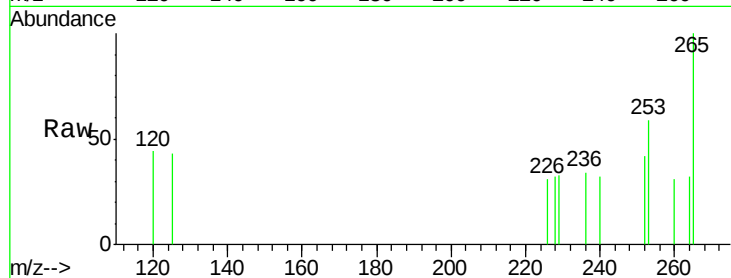
Tot Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 138.5 0.0 64.2#

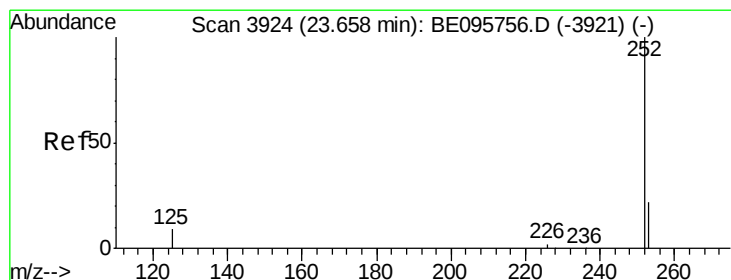
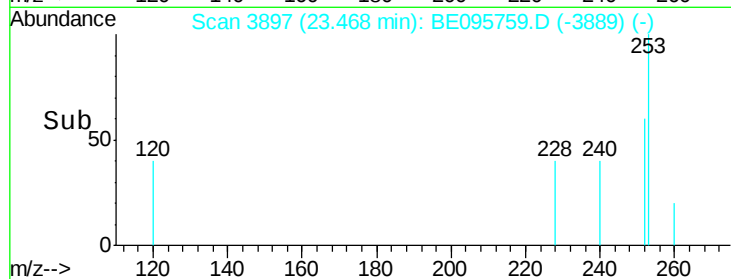
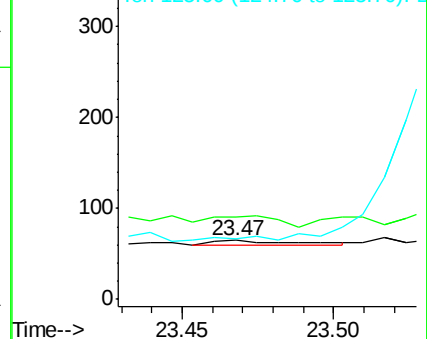
125 101.5 0.0 35.0#



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: 0.000 ng/ul

RT: 23.47 min Scan# 3897

Delta R.T. -0.19 min

Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

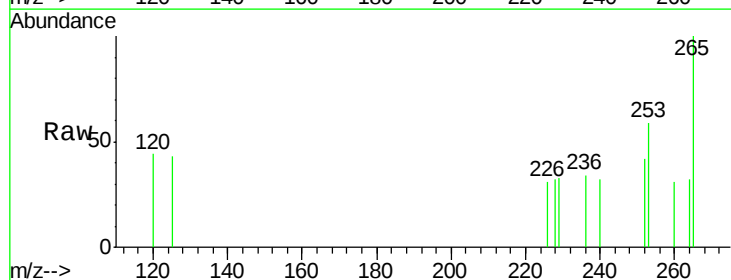
Tgt Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 138.5 24.5 36.7#

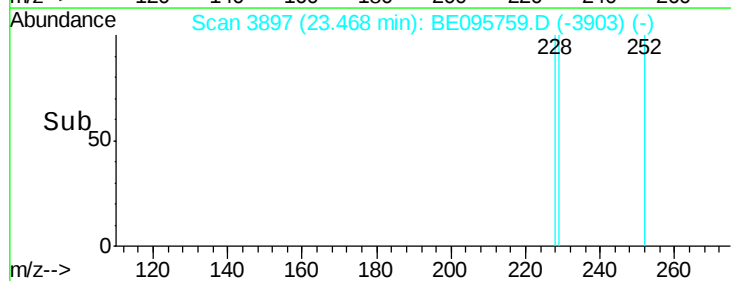
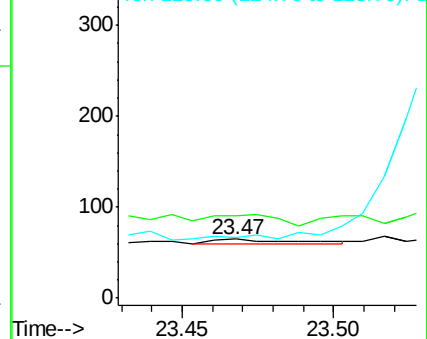
125 101.5 13.7 20.5#

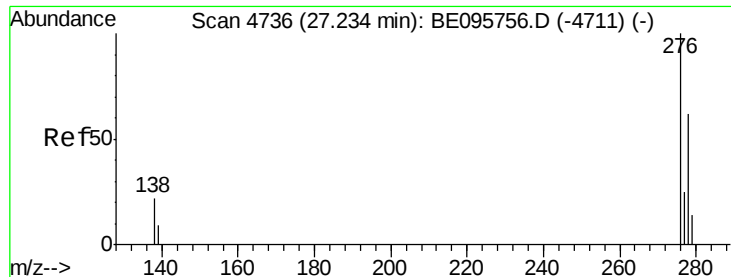


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

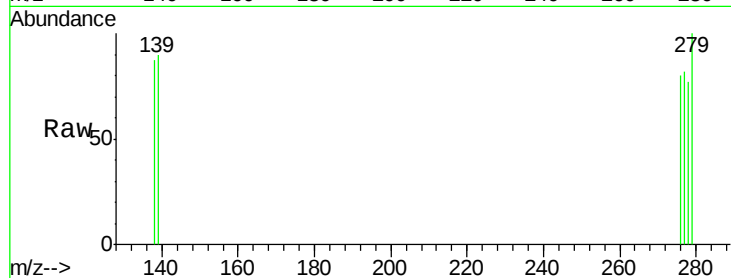




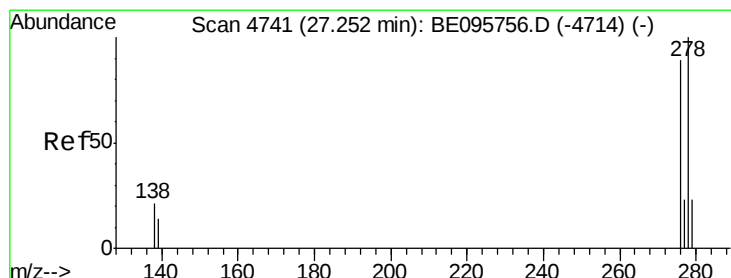
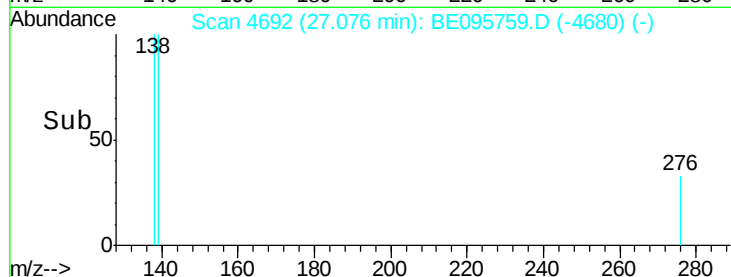
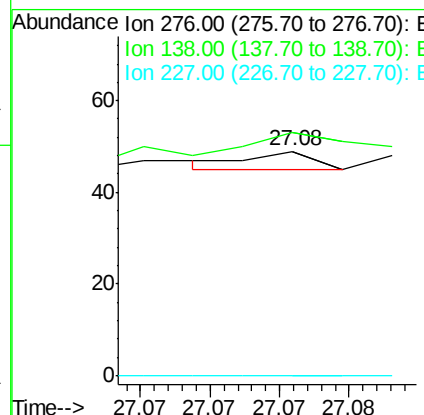
#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/u1
RT: 27.08 min Scan# 4692
Delta R.T. -0.16 min
Lab File: BE095759.D
Acq: 14 Mar 2018 12:08

Instrument :
BNA_E
ClientSampleId :



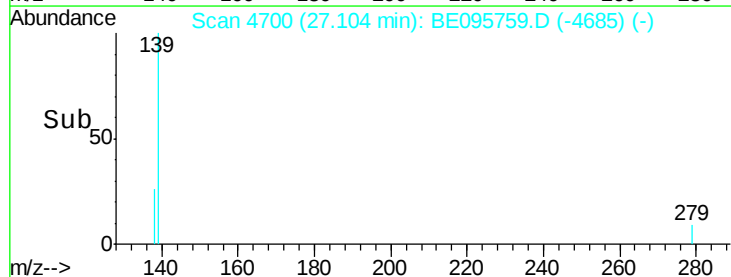
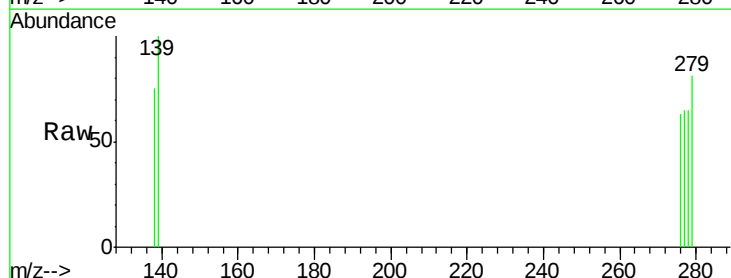
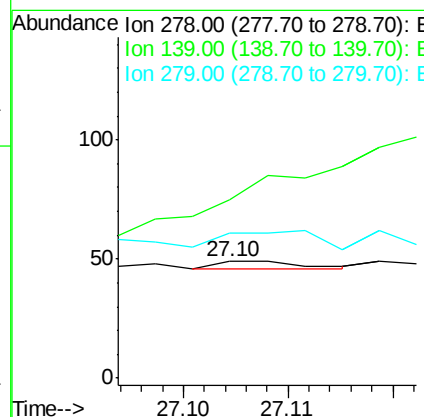
Tot Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 300.0 28.0 42.0#
227 0.0 8.0 12.0#

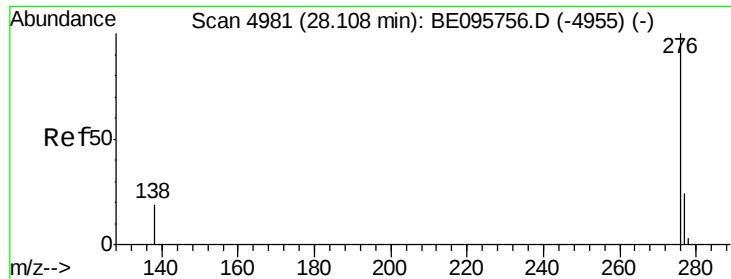


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 27.10 min Scan# 4700
Delta R.T. -0.15 min
Lab File: BE095759.D
Acq: 14 Mar 2018 12:08

Tgt Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 153.1 17.4 26.0#
279 124.5 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 27.92 min Scan# 4928

Delta R.T. -0.19 min

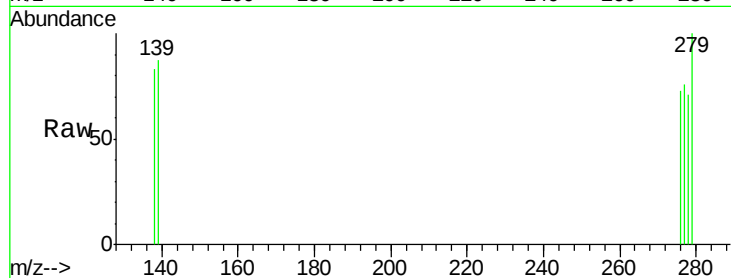
Lab File: BE095759.D

Acq: 14 Mar 2018 12:08

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
138	113.0	21.8	32.8#
277	104.3	20.5	30.7#

