

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095757.D
 Acq On : 14 Mar 2018 10:57
 Operator : SJ/JU
 Sample : PB107148BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:36:13 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	8.42	152	1891	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5369	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3335	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	592626	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	511066	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.80	152	3100	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

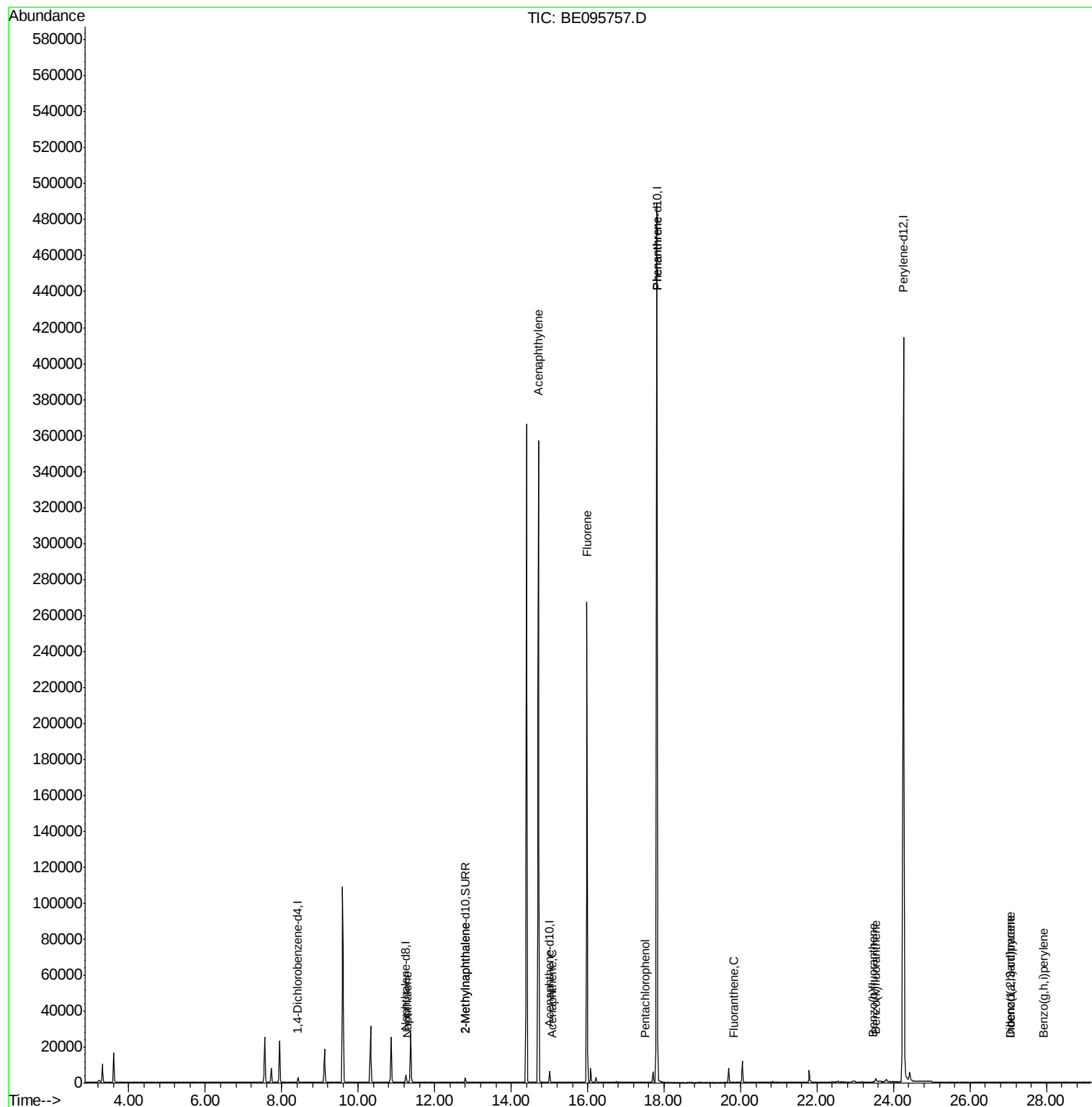
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.30	128	14	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.80	142	5	0.000	ng/ul	89
7) Acenaphthylene	14.71	152	57	0.003	ng/ul#	1
8) Acenaphthene	15.07	153	13	0.001	ng/ul#	72
9) Fluorene	15.98	166	1002	0.073	ng/ul#	20
11) Pentachlorophenol	17.49	266	4	0.000	ng/ul#	1
12) Phenanthrene	17.81	178	1023	0.001	ng/ul#	1
15) Fluoranthene	19.83	202	3	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	23.47	252	11	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	23.52	252	58	0.000	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.05	276	2	0.000	ng/ul#	47
25) Dibenzo(a,h)anthracene	27.06	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	27.92	276	1	0.000	ng/ul#	1

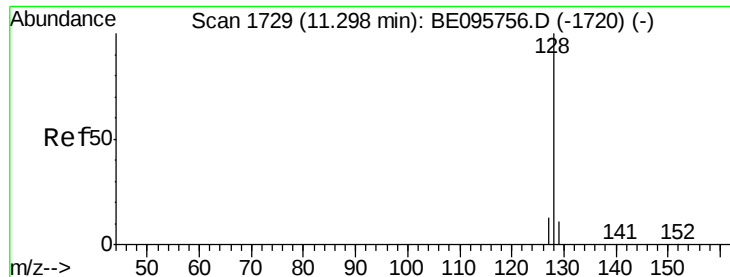
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 11.30 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

Instrument :

BNA_E

ClientSampleId :

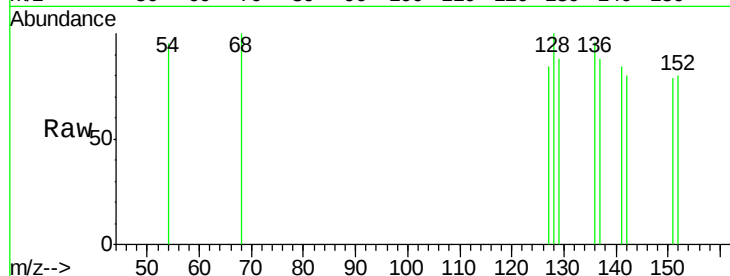
Tot Ion:128 Resp: 14

Ion Ratio Lower Upper

128 100

129 87.5 11.3 16.9#

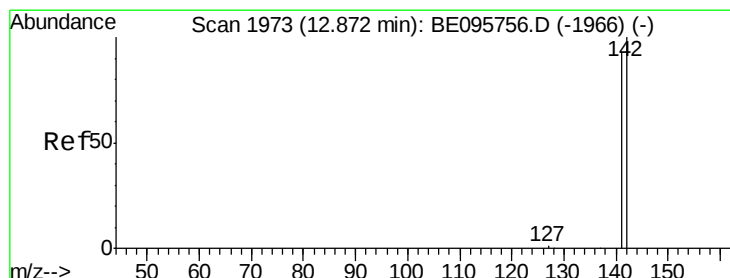
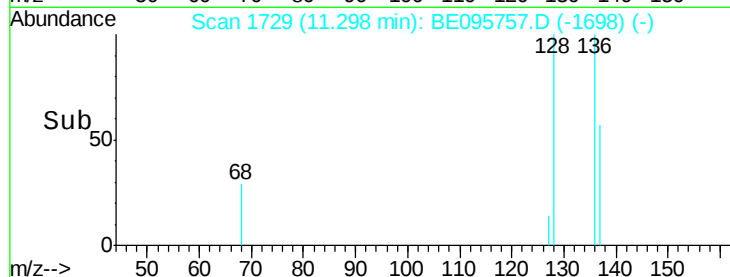
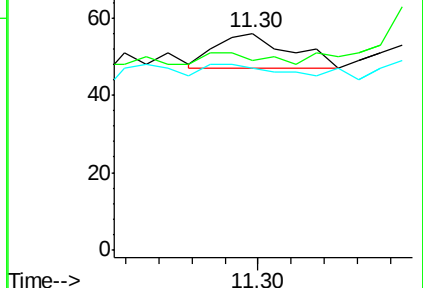
127 83.9 4.0 6.0#



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: 12.80 min Scan# 1961

Delta R.T. -0.08 min

Lab File: BE095757.D

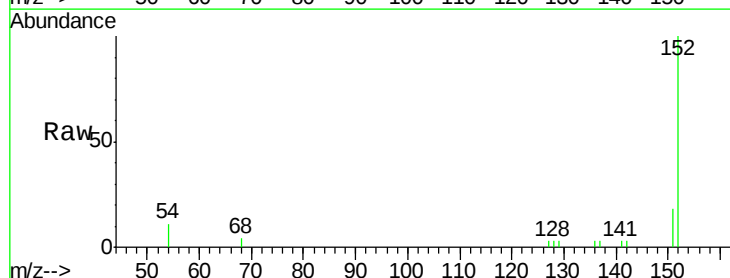
Acq: 14 Mar 2018 10:57

Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

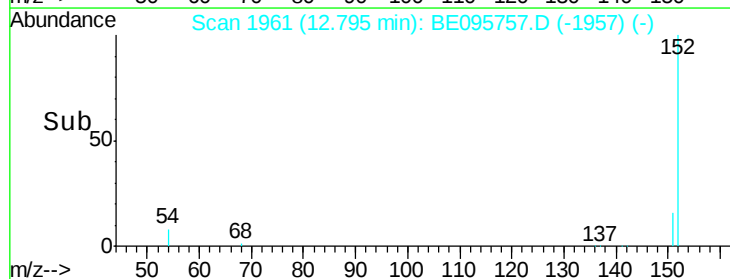
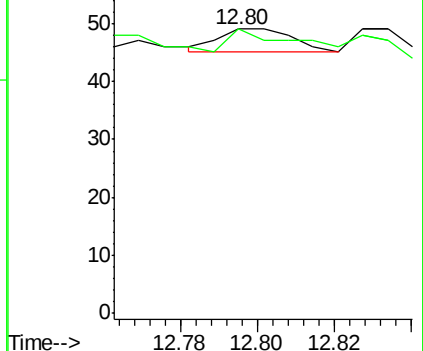
142 100

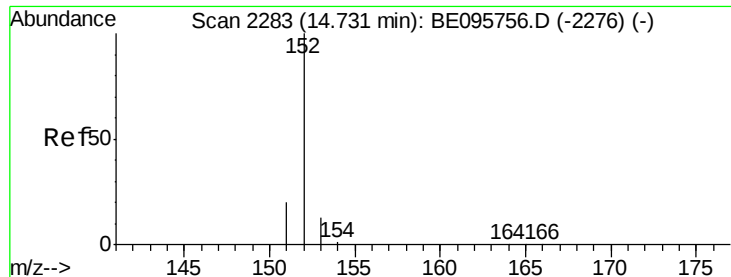
141 80.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 14.71 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

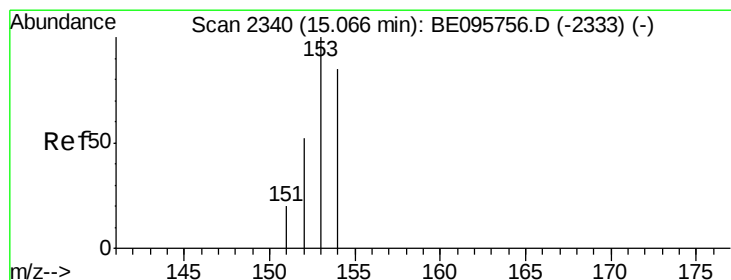
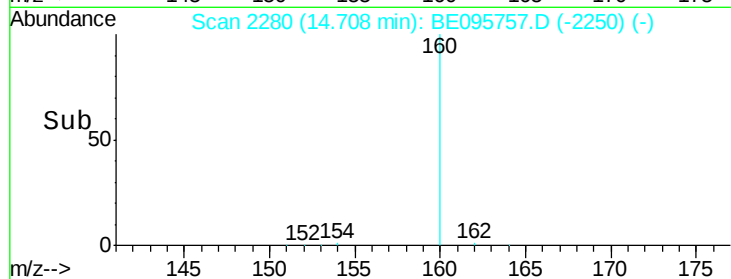
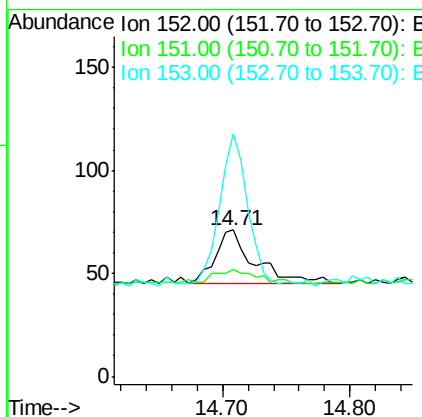
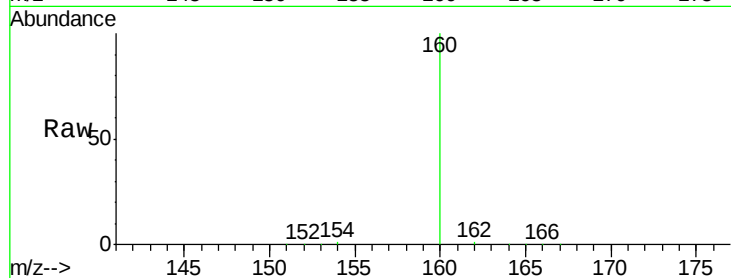
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 57

Ion	Ratio	Lower	Upper
152	100		
151	73.2	17.1	25.7#
153	166.2	12.8	19.2#



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 15.07 min Scan# 2341

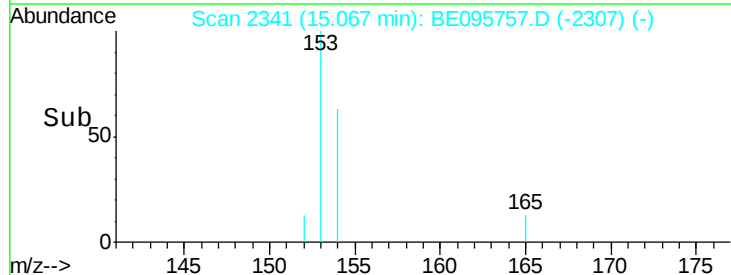
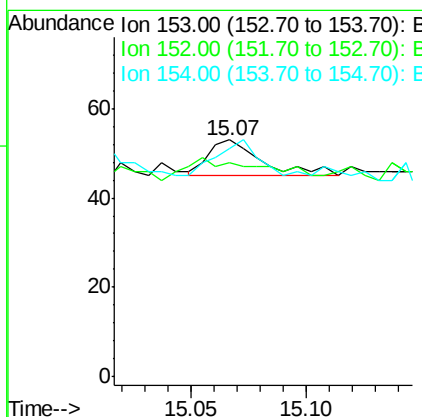
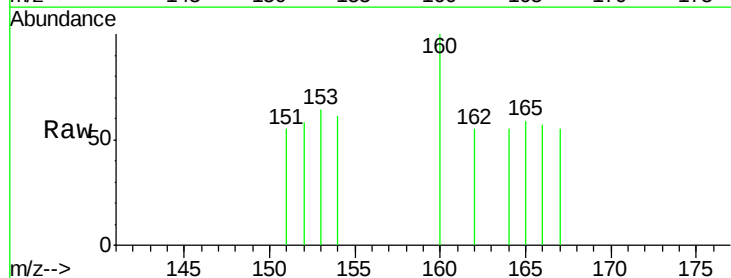
Delta R.T. 0.00 min

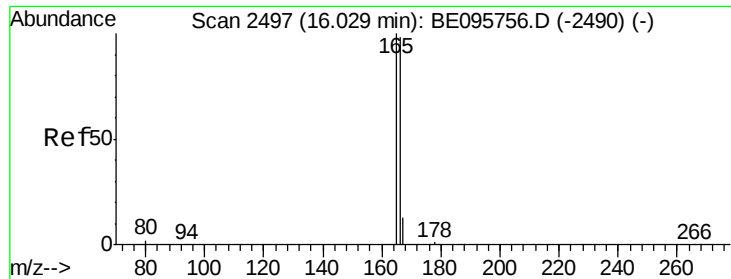
Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

Tgt Ion:153 Resp: 13

Ion	Ratio	Lower	Upper
153	100		
152	90.6	36.0	54.0#
154	96.2	72.0	108.0





#9

Fluorene

Concen: 0.073 ng/ul

RT: 15.98 min Scan# 2491

Delta R.T. -0.05 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

Instrument :

BNA_E

ClientSampleId :

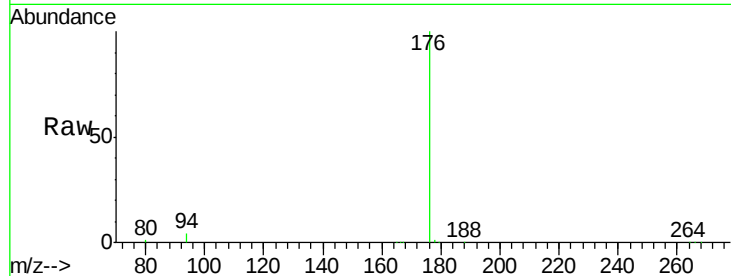
Tot Ion:166 Resp: 1002

Ion Ratio Lower Upper

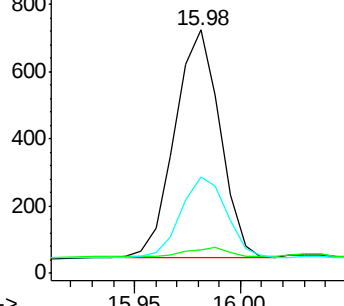
166 100

165 9.7 73.4 110.2#

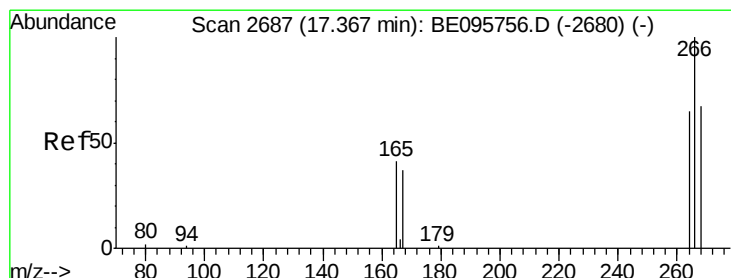
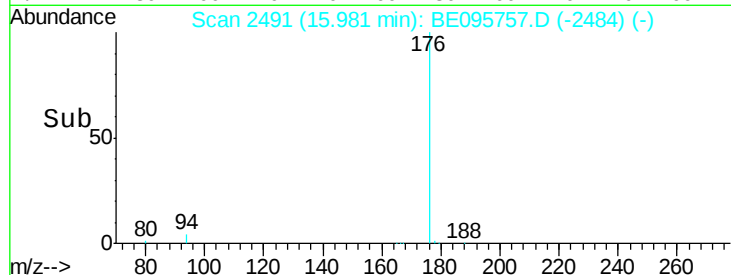
167 39.6 14.6 22.0#



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



Time-->



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 17.49 min Scan# 2705

Delta R.T. 0.12 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

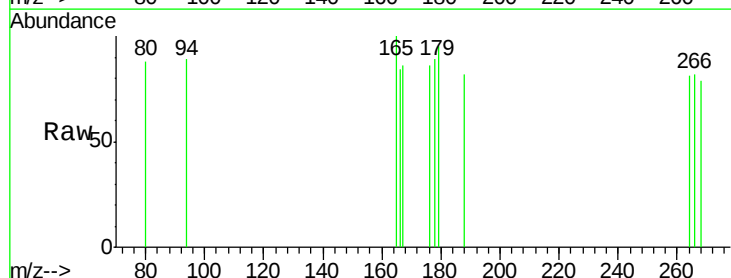
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

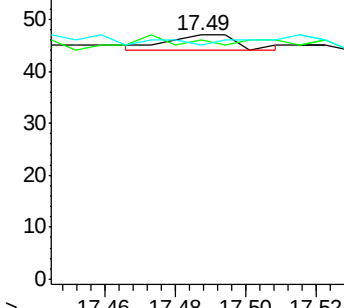
266 100

264 400.0 47.9 71.9#

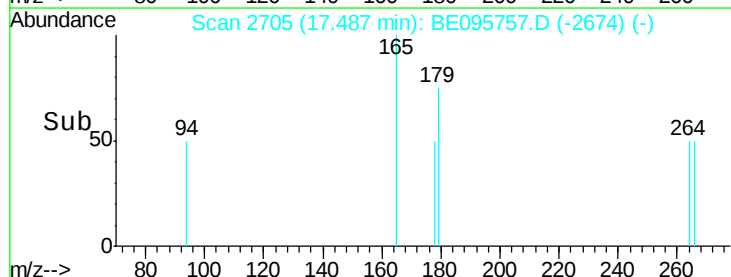
268 0.0 49.8 74.8#

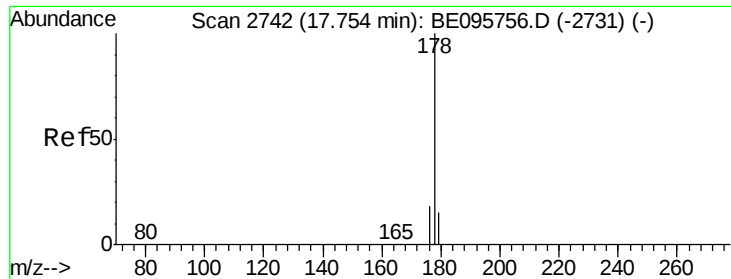


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 17.81 min Scan# 2751

Delta R.T. 0.06 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

Instrument :

BNA_E

ClientSampleId :

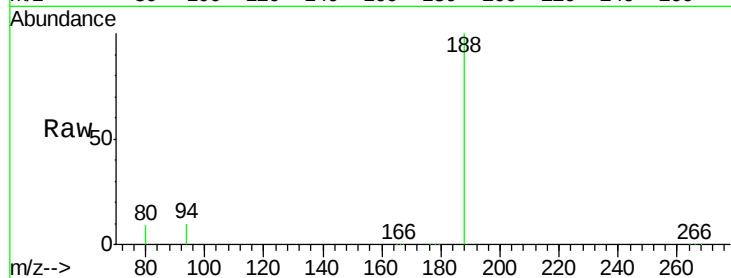
Tot Ion:178 Resp: 1023

Ion Ratio Lower Upper

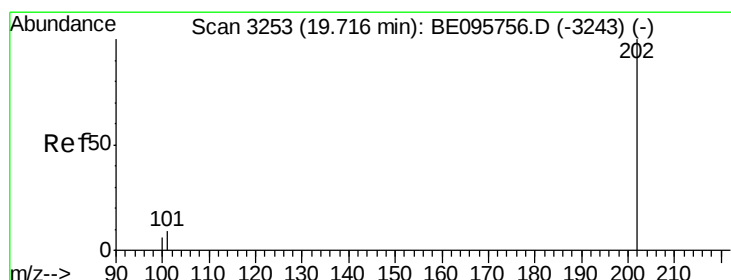
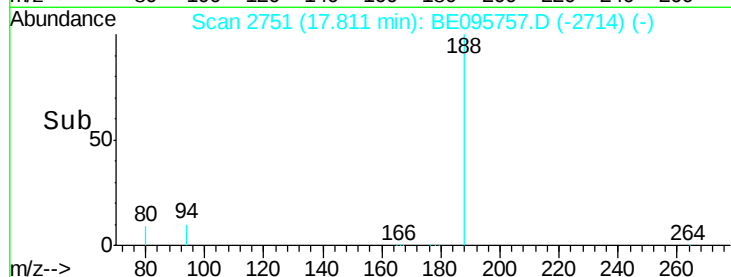
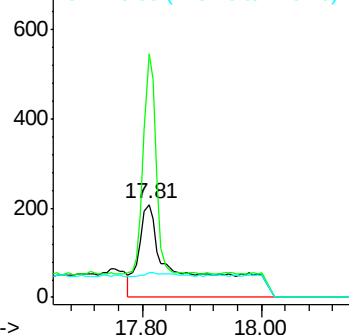
178 100

179 261.2 18.4 27.6#

176 26.3 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



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.83 min Scan# 3286

Delta R.T. 0.12 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

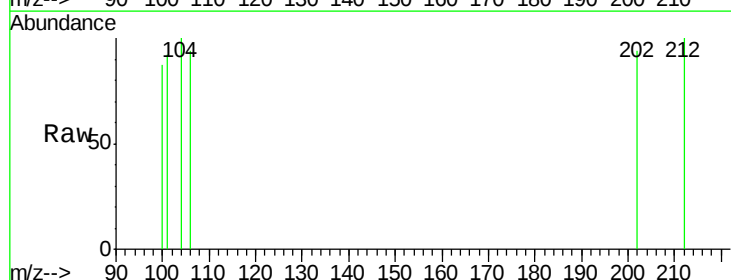
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

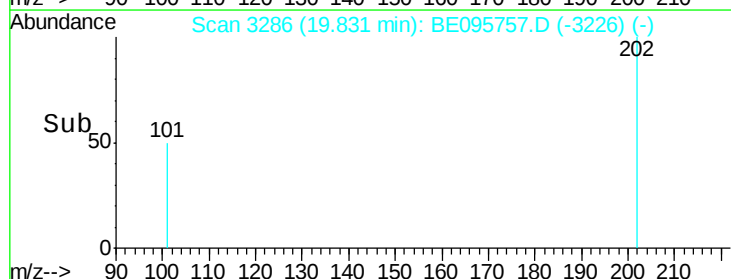
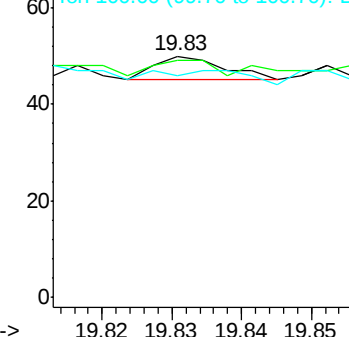
202 100

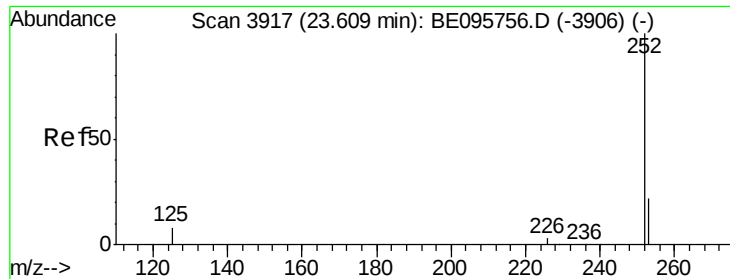
101 98.0 0.0 30.3#

100 92.0 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





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 23.47 min Scan# 3899

Delta R.T. -0.14 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

Instrument :

BNA_E

ClientSampleId :

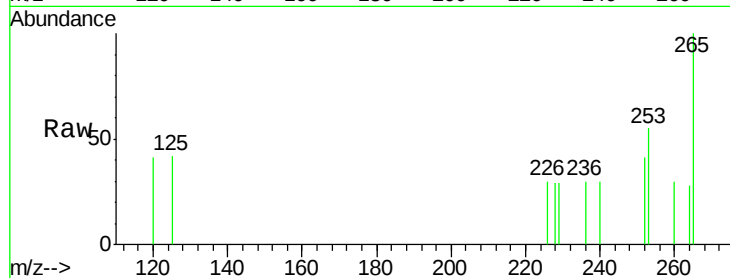
Tot Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 134.8 0.0 64.2#

125 103.0 0.0 35.0#

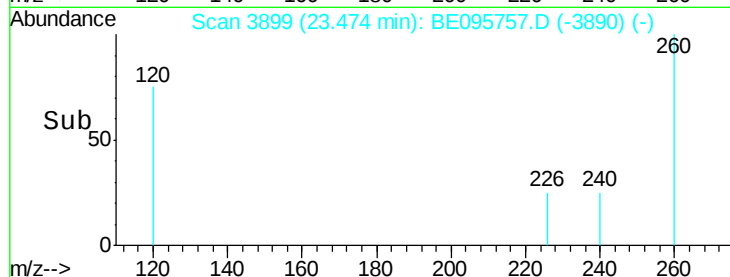


Abundance Ion 252.00 (251.70 to 252.70): E

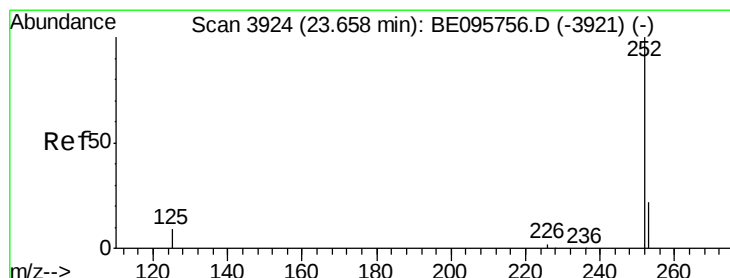
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.47



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.000 ng/ul

RT: 23.52 min Scan# 3906

Delta R.T. -0.14 min

Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

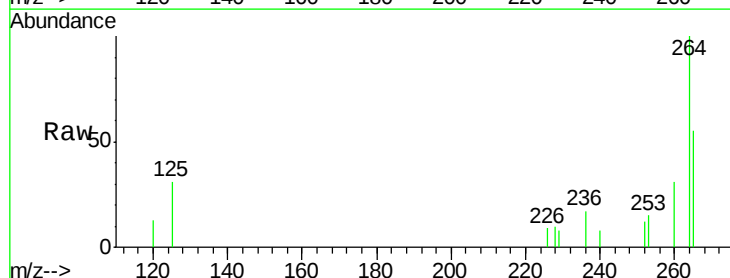
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

253 124.7 24.5 36.7#

125 258.9 13.7 20.5#

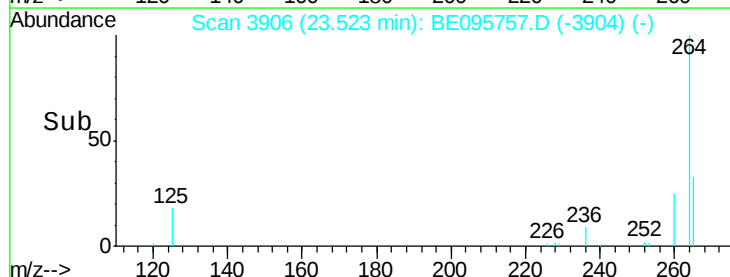


Abundance Ion 252.00 (251.70 to 252.70): E

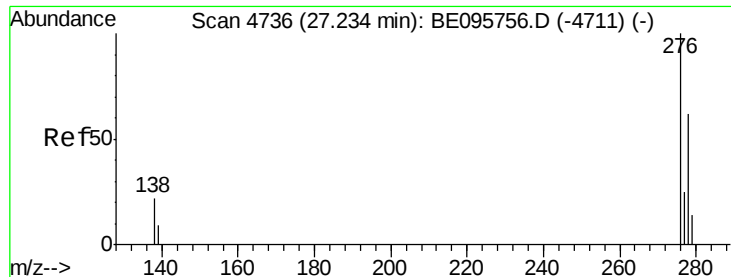
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.52



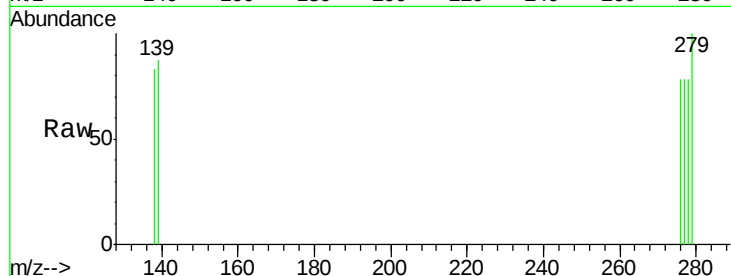
Time-->



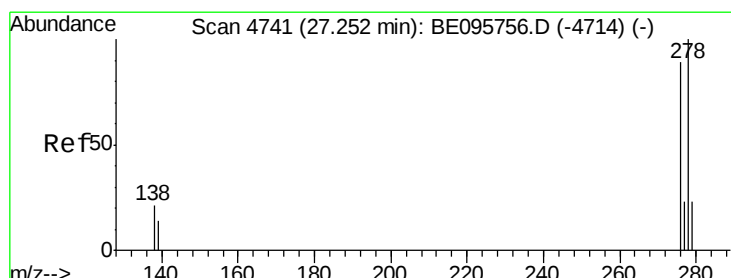
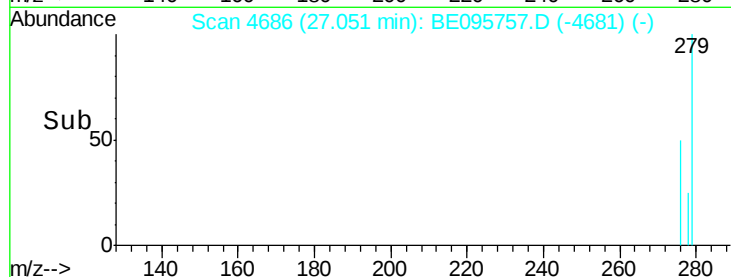
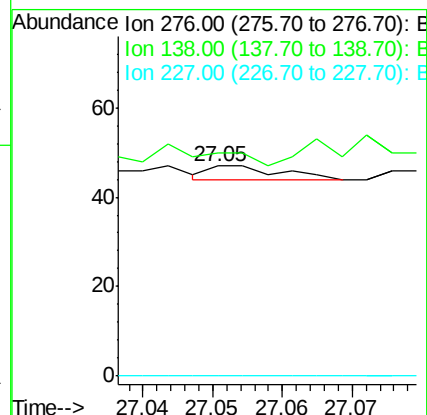
#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/u1
RT: 27.05 min Scan# 4686
Delta R.T. -0.18 min
Lab File: BE095757.D
Acq: 14 Mar 2018 10:57

Instrument :
BNA_E
ClientSampleId :



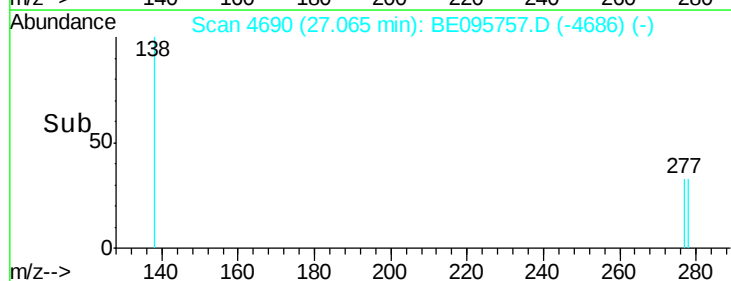
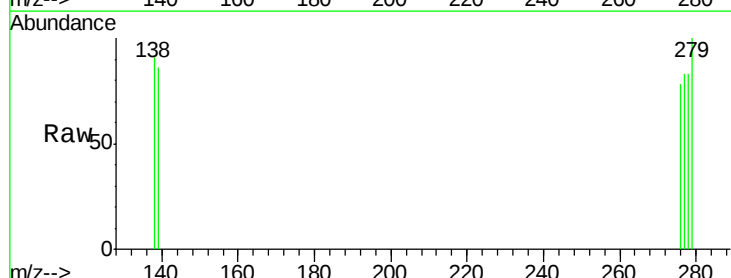
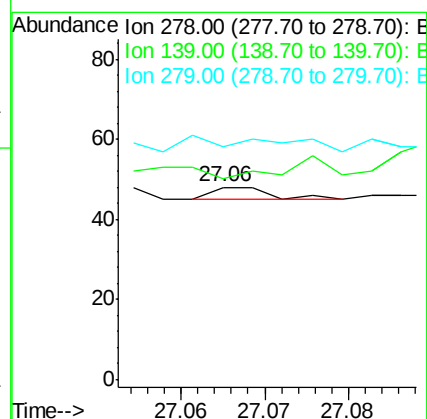
Tot Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 0.0 28.0 42.0#
227 0.0 8.0 12.0#

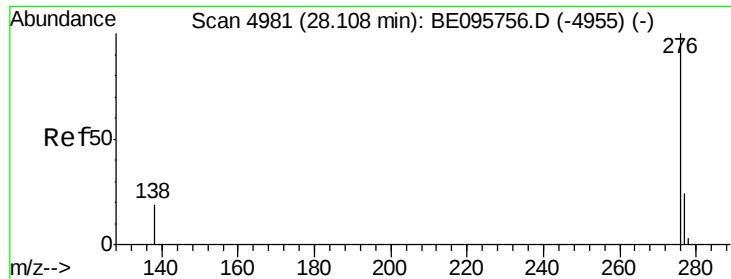


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 27.06 min Scan# 4690
Delta R.T. -0.19 min
Lab File: BE095757.D
Acq: 14 Mar 2018 10:57

Tgt Ion:278 Resp: 1
Ion Ratio Lower Upper
278 100
139 104.2 17.4 26.0#
279 120.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 27.92 min Scan# 4930

Delta R.T. -0.19 min

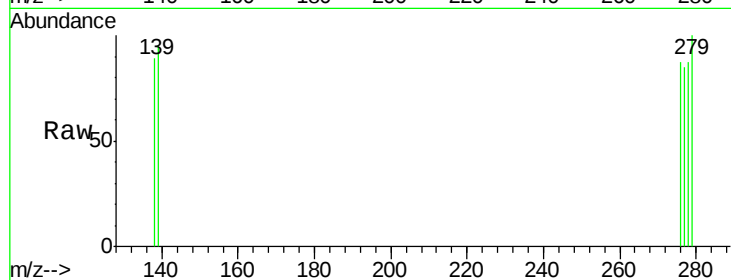
Lab File: BE095757.D

Acq: 14 Mar 2018 10:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

138 102.1 21.8 32.8#

277 97.9 20.5 30.7#

