

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095900.D
 Acq On : 29 Mar 2018 5:03
 Operator : SJ/JU
 Sample : J1951-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 07:01:24 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 29 07:00:13 2018
 Response via : Initial Calibration

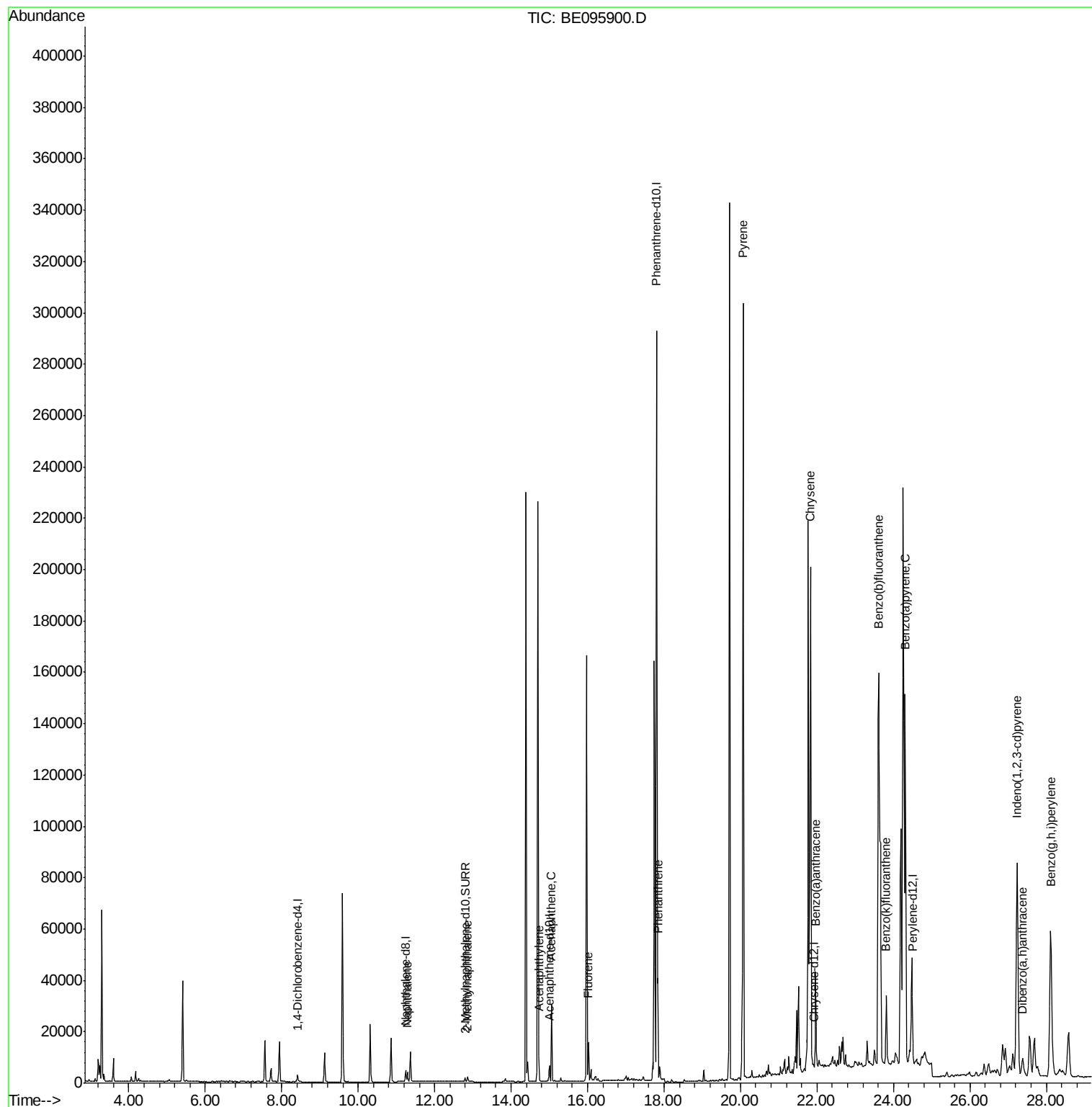
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1830	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5608	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3621	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	340306	0.40	ng/ul	0.10
16) Chrysene-d12	21.93	240	112	0.40	ng/ul	0.14
20) Perylene-d12	24.50	264	484	0.40	ng/ul	0.09
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2056	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.29	128	5014	0.320	ng/ul#	90
5) 2-Methylnaphthalene	12.87	142	1691	0.155	ng/ul	98
7) Acenaphthylene	14.73	152	783	0.043	ng/ul#	78
8) Acenaphthene	15.06	153	17159	1.246	ng/ul	95
9) Fluorene	16.03	166	10371	0.694	ng/ul	91
12) Phenanthrene	17.84	178	41807	0.041	ng/ul#	90
17) Pyrene	20.07	202	385187	905.728	ng/ul#	78
18) Benzo(a)anthracene	21.96	228	29159	80.688	ng/ul#	51
19) Chrysene	21.83	228	200131	543.909	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	409758	244.404	ng/ul	84
22) Benzo(k)fluoranthene	23.81	252	36399	22.839	ng/ul	97
23) Benzo(a)pyrene	24.31	252	141679	92.561	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.24	276	155746	91.761	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.37	278	12497	9.208	ng/ul	90
26) Benzo(g,h,i)perylene	28.11	276	151586	103.966	ng/ul#	91

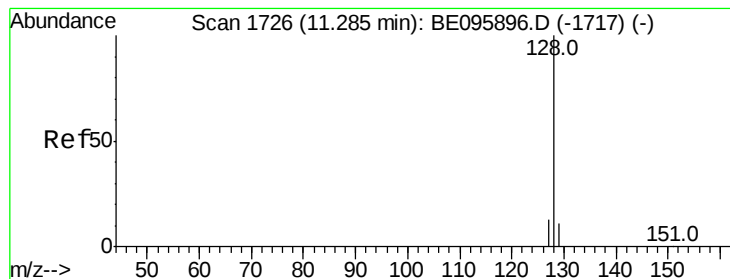
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
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#3

Naphthalene

Concen: 0.320 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

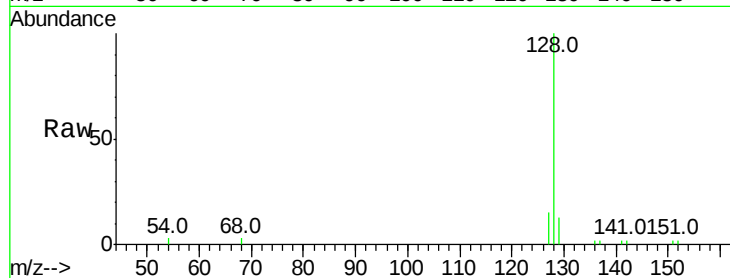
Tot Ion:128 Resp: 5014

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

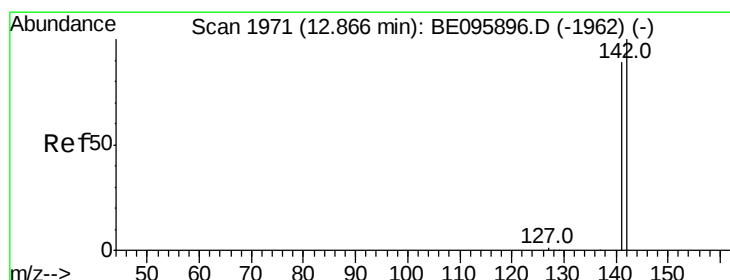
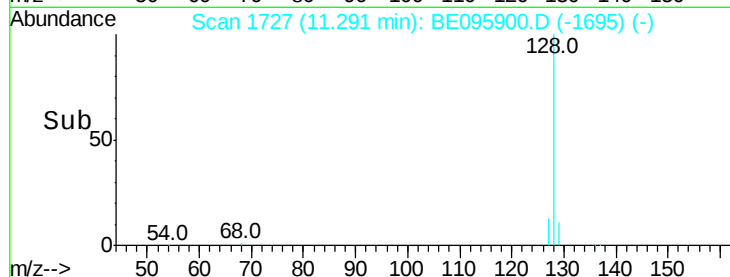
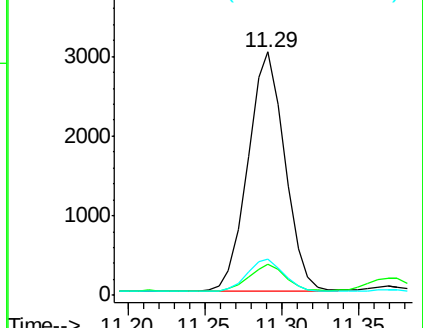
127 14.7 4.0 6.0#



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: 0.155 ng/ul

RT: 12.87 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE095900.D

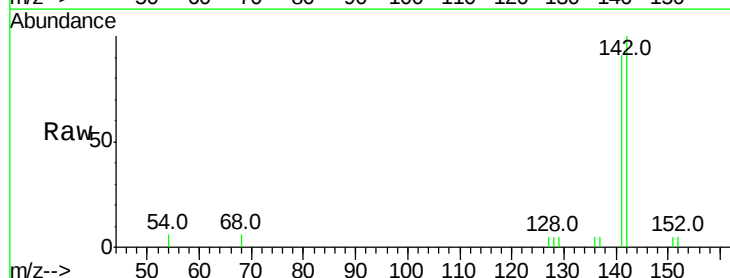
Acq: 29 Mar 2018 5:03

Tgt Ion:142 Resp: 1691

Ion Ratio Lower Upper

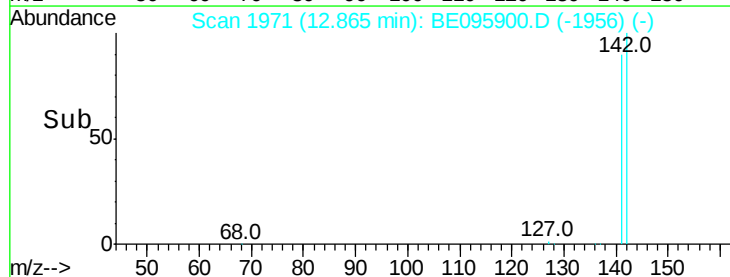
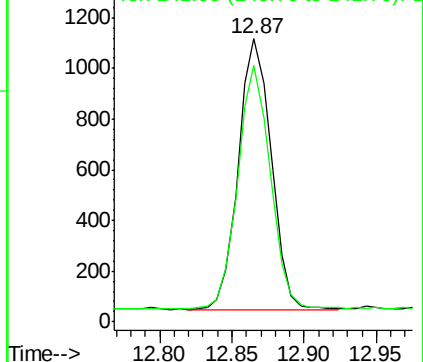
142 100

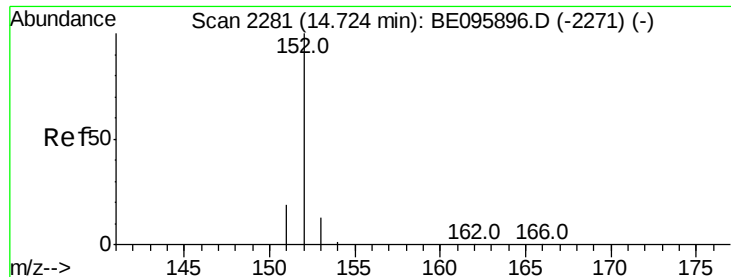
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

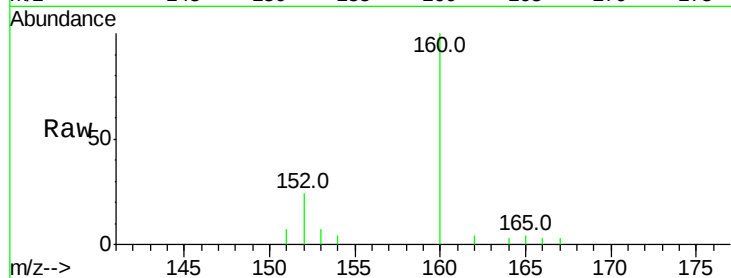
Tot Ion:152 Resp: 783

Ion Ratio Lower Upper

152 100

151 30.7 17.1 25.7#

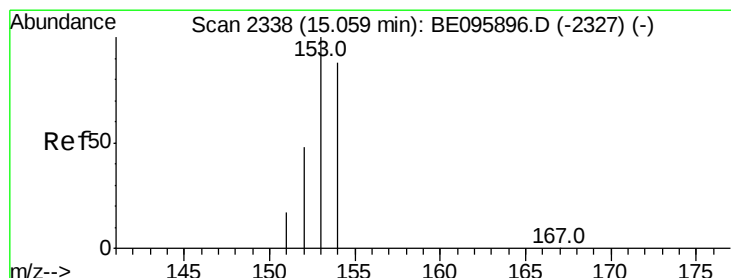
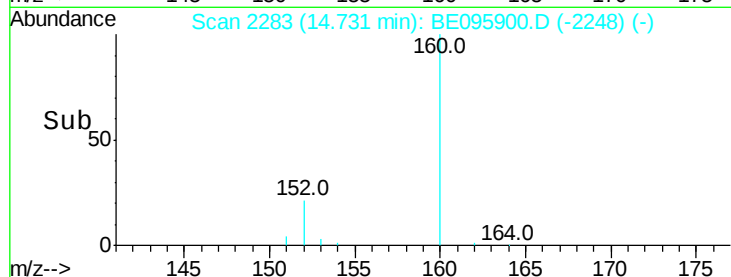
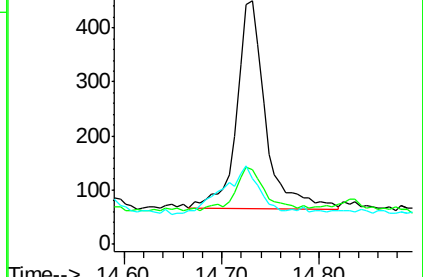
153 27.1 12.8 19.2#



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: 1.246 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

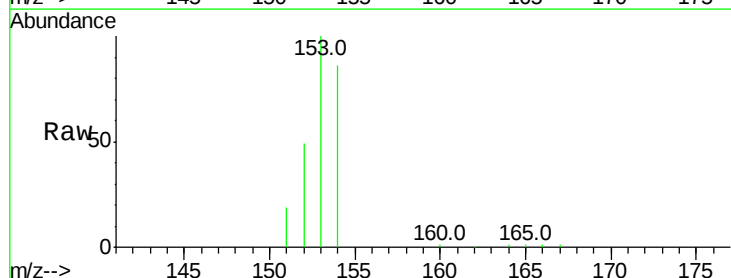
Tgt Ion:153 Resp: 17159

Ion Ratio Lower Upper

153 100

152 49.2 36.0 54.0

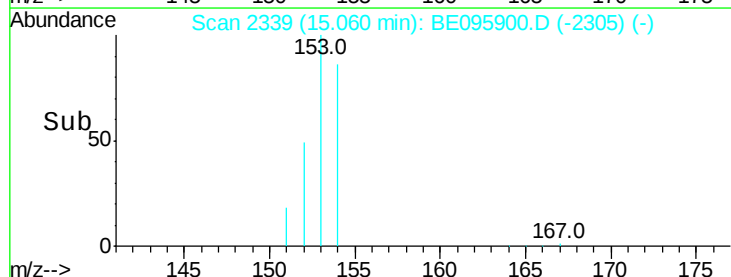
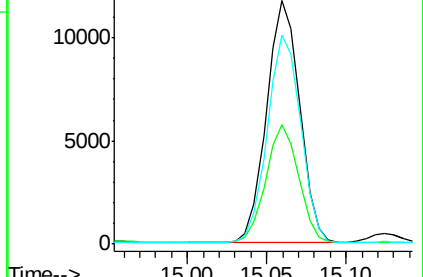
154 86.0 72.0 108.0

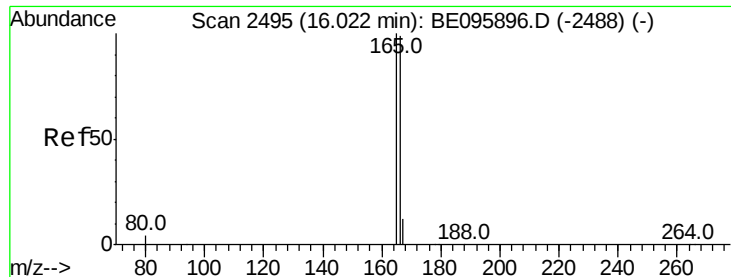


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.694 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

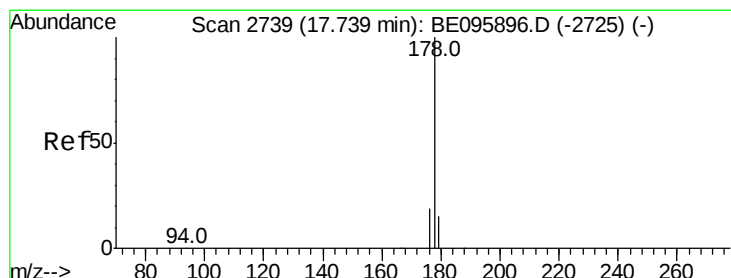
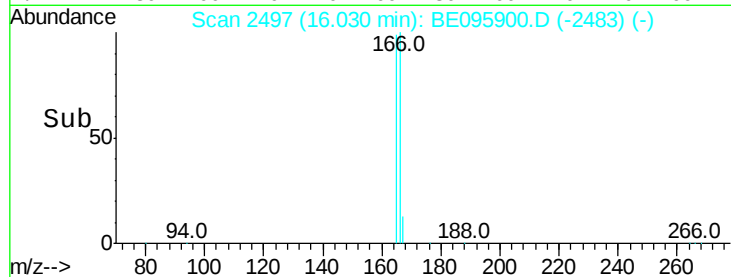
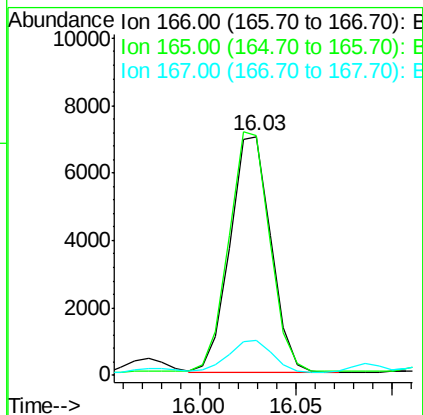
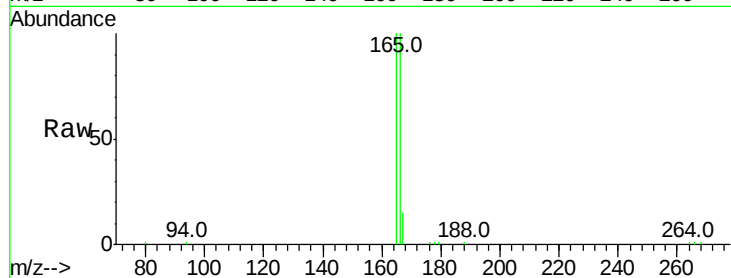
Tot Ion:166 Resp: 10371

Ion Ratio Lower Upper

166 100

165 100.1 73.4 110.2

167 14.7 14.6 22.0



#12

Phenanthrene

Concen: 0.041 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. 0.10 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

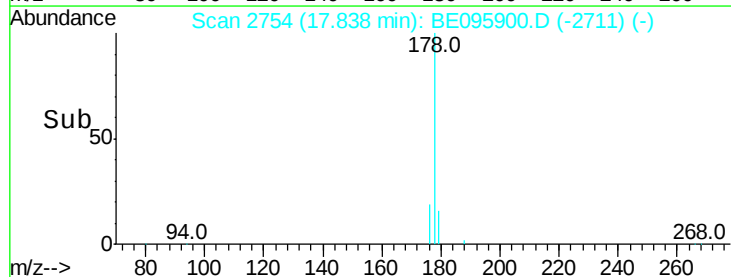
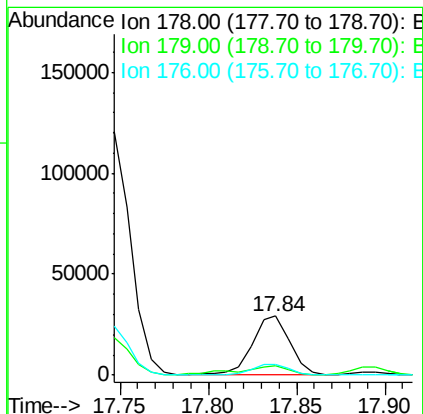
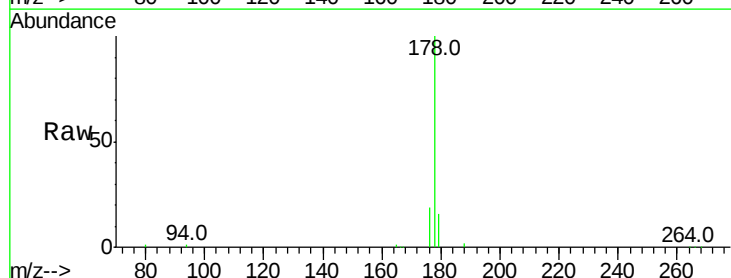
Tgt Ion:178 Resp: 41807

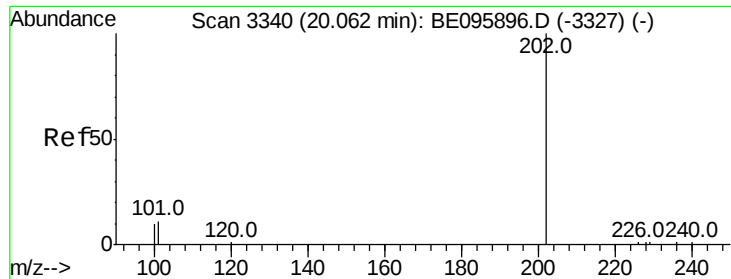
Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 19.0 13.6 20.4





#17

Pvrene

Concen: 905.728 ng/ul

RT: 20.07 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

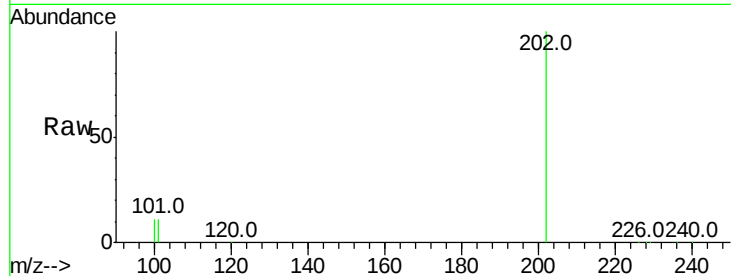
Tot Ion:202 Resp: 385187

Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

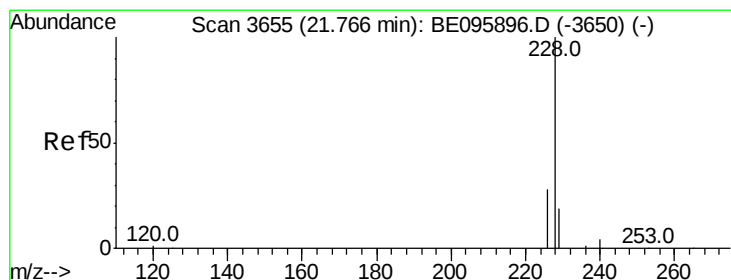
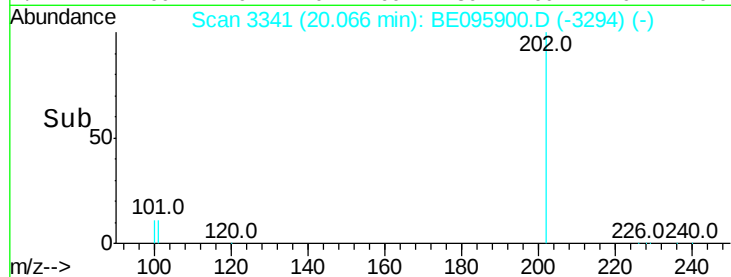
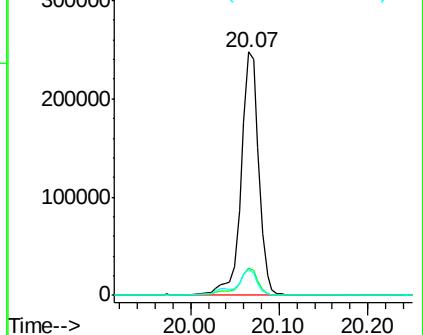
100 10.6 15.6 23.4#



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



#18

Benzo(a)anthracene

Concen: 80.688 ng/ul

RT: 21.96 min Scan# 3683

Delta R.T. 0.20 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

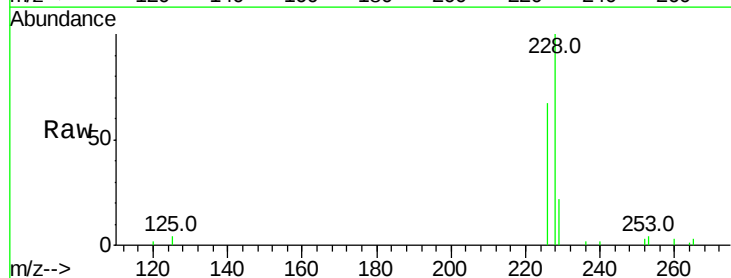
Tgt Ion:228 Resp: 29159

Ion Ratio Lower Upper

228 100

229 21.8 22.8 34.2#

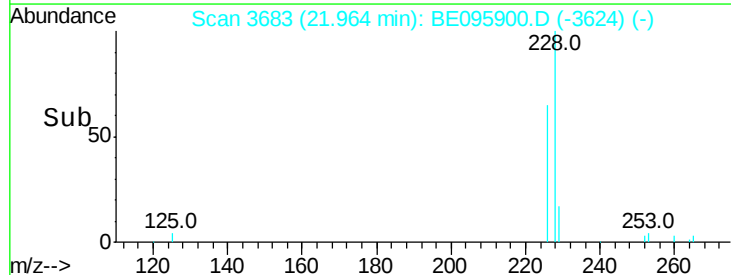
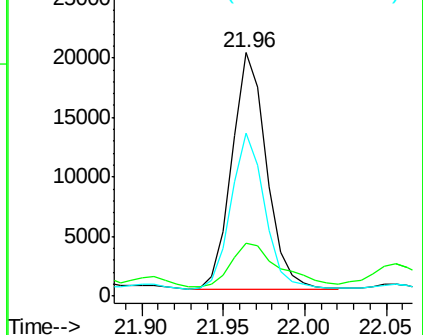
226 67.1 17.0 25.6#

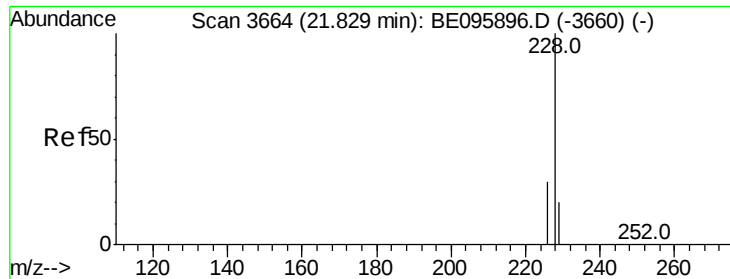


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 543.909 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

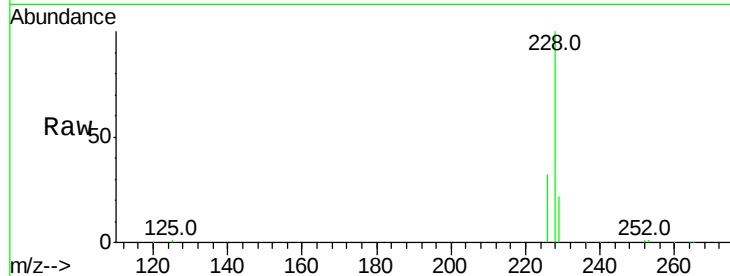
Tot Ion:228 Resp: 200131

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

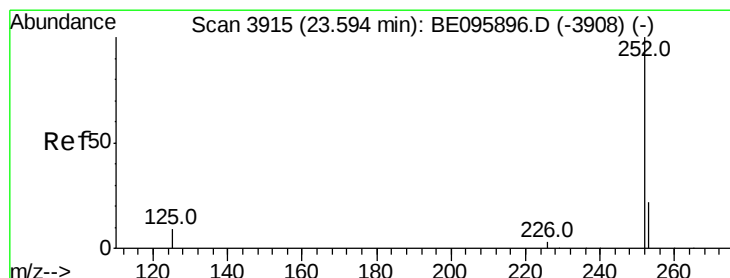
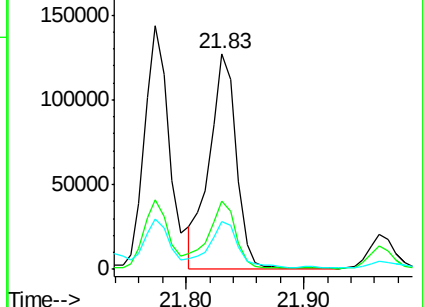
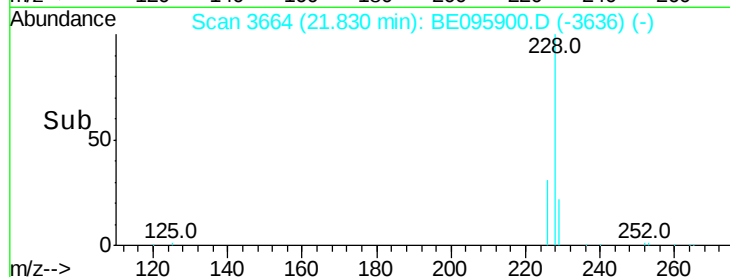
229 22.2 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 244.404 ng/ul

RT: 23.61 min Scan# 3917

Delta R.T. 0.02 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

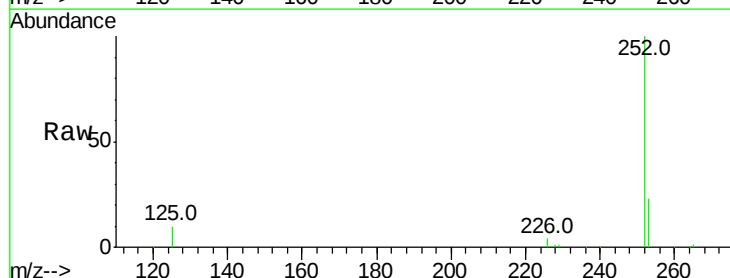
Tgt Ion:252 Resp: 409758

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

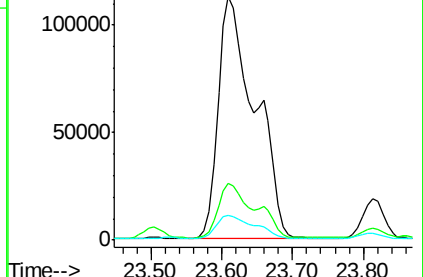
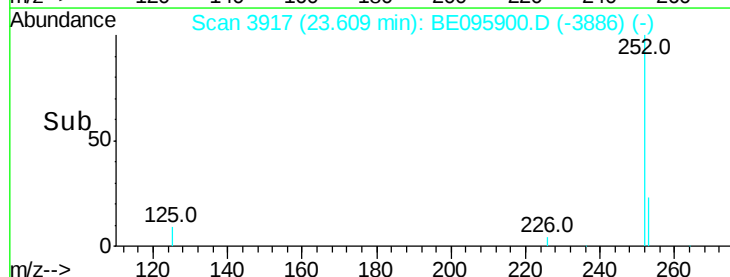
125 10.1 0.0 35.0

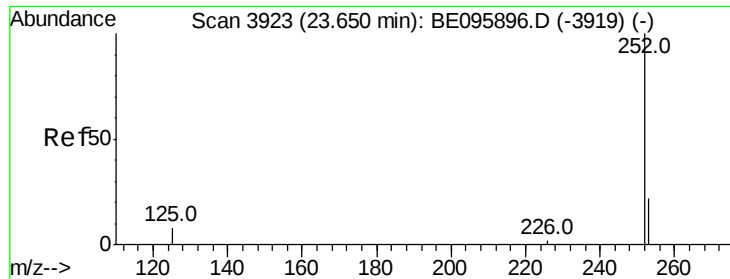


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

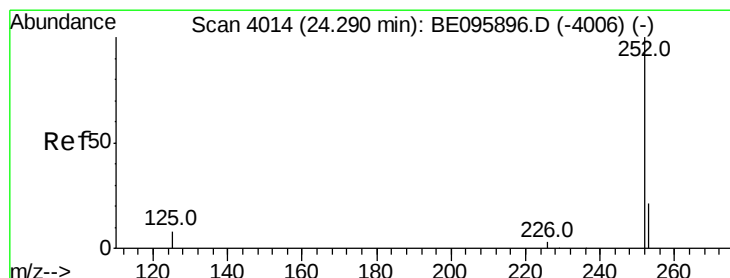
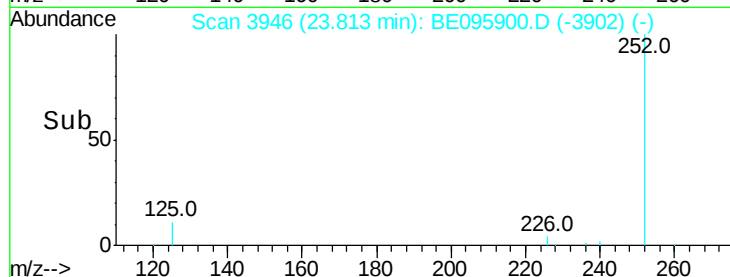
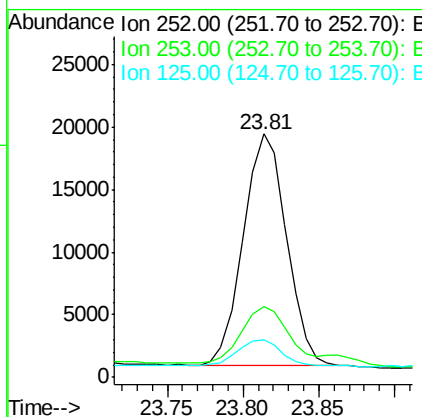
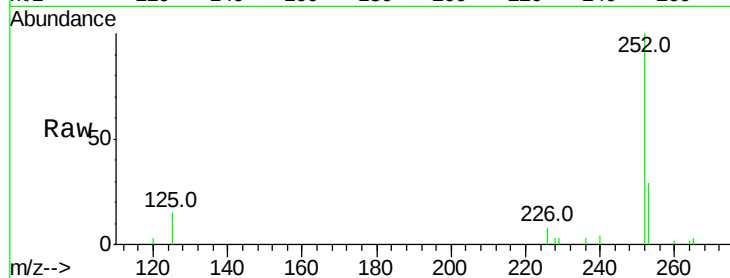




#22
Benzo(k)fluoranthene
Concen: 22.839 ng/ul
RT: 23.81 min Scan# 3946
Delta R.T. 0.16 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

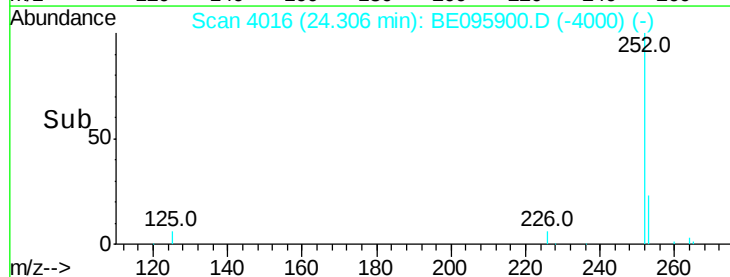
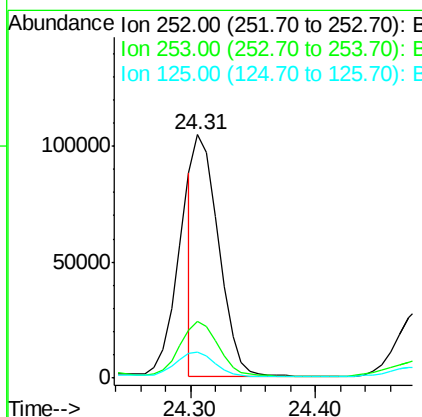
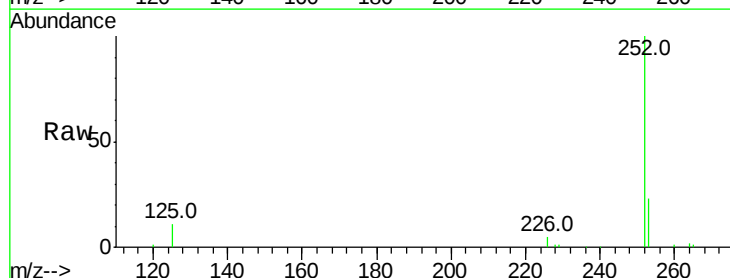
Instrument :
BNA_E
ClientSampleId :

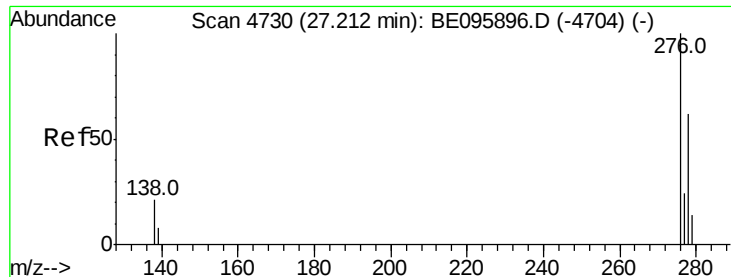
Tot Ion:252 Resp: 36399
Ion Ratio Lower Upper
252 100
253 29.0 24.5 36.7
125 15.4 13.7 20.5



#23
Benzo(a)pyrene
Concen: 92.561 ng/ul
RT: 24.31 min Scan# 4016
Delta R.T. 0.02 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Tgt Ion:252 Resp: 141679
Ion Ratio Lower Upper
252 100
253 23.3 28.5 42.7#
125 10.8 18.1 27.1#



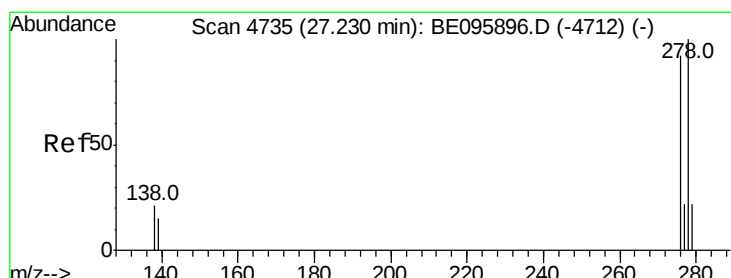
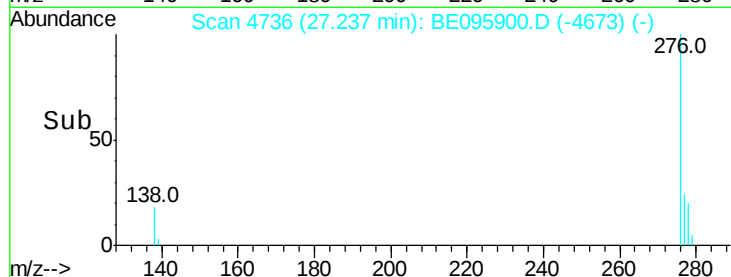
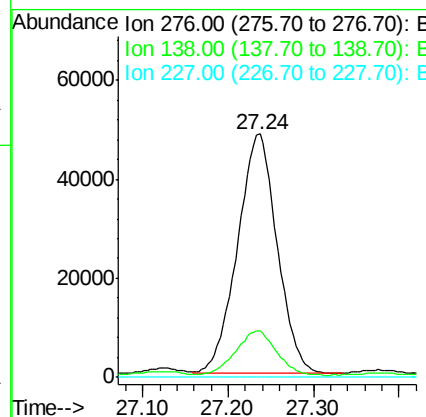
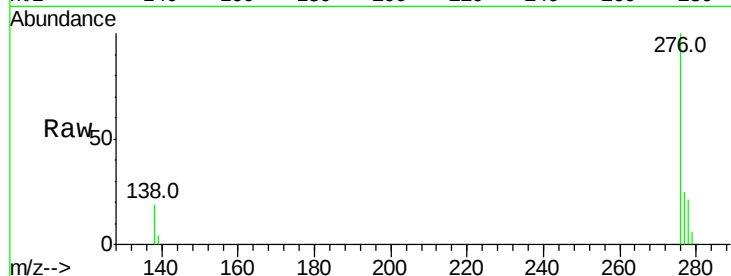


#24

Indeno(1,2,3-cd)pyrene
Concen: 91.761 ng/ul
RT: 27.24 min Scan# 4736
Delta R.T. 0.03 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Instrument :
BNA_E
ClientSampleId :

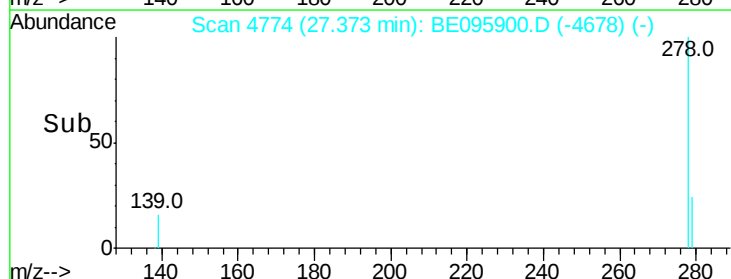
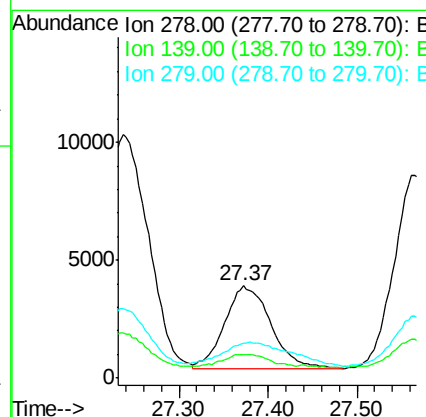
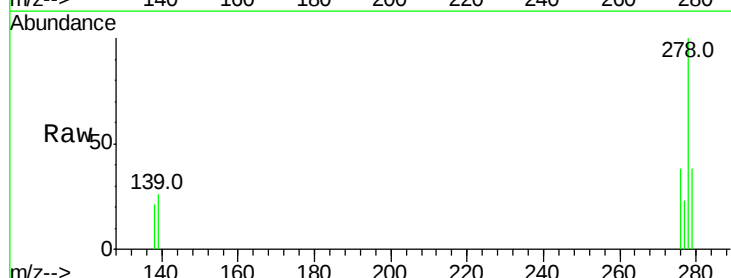
Tot Ion:276 Resp: 155746
Ion Ratio Lower Upper
276 100
138 18.9 28.0 42.0#
227 0.0 8.0 12.0#

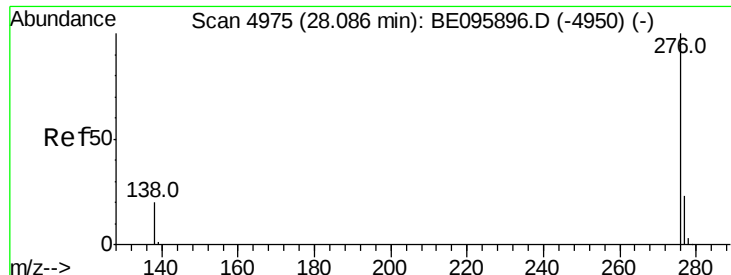


#25

Dibenzo(a,h)anthracene
Concen: 9.208 ng/ul
RT: 27.37 min Scan# 4774
Delta R.T. 0.14 min
Lab File: BE095900.D
Acq: 29 Mar 2018 5:03

Tgt Ion:278 Resp: 12497
Ion Ratio Lower Upper
278 100
139 25.8 17.4 26.0
279 38.1 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 103.966 ng/ul

RT: 28.11 min Scan# 4982

Delta R.T. 0.03 min

Lab File: BE095900.D

Acq: 29 Mar 2018 5:03

Instrument :

BNA_E

ClientSampleId :

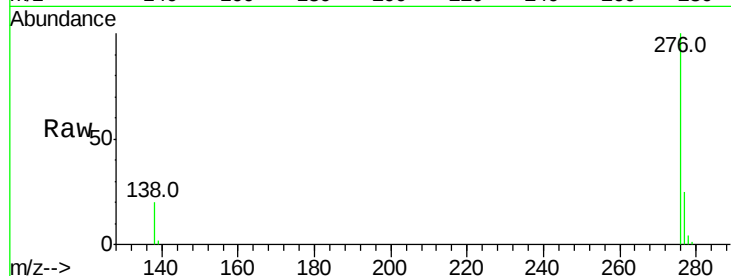
Tot Ion:276 Resp: 151586

Ion Ratio Lower Upper

276 100

138 19.6 21.8 32.8#

277 24.7 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

