

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095897.D
 Acq On : 29 Mar 2018 3:16
 Operator : SJ/JU
 Sample : J2060-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 07:00:48 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 07:00:08 2018
 Response via : Initial Calibration

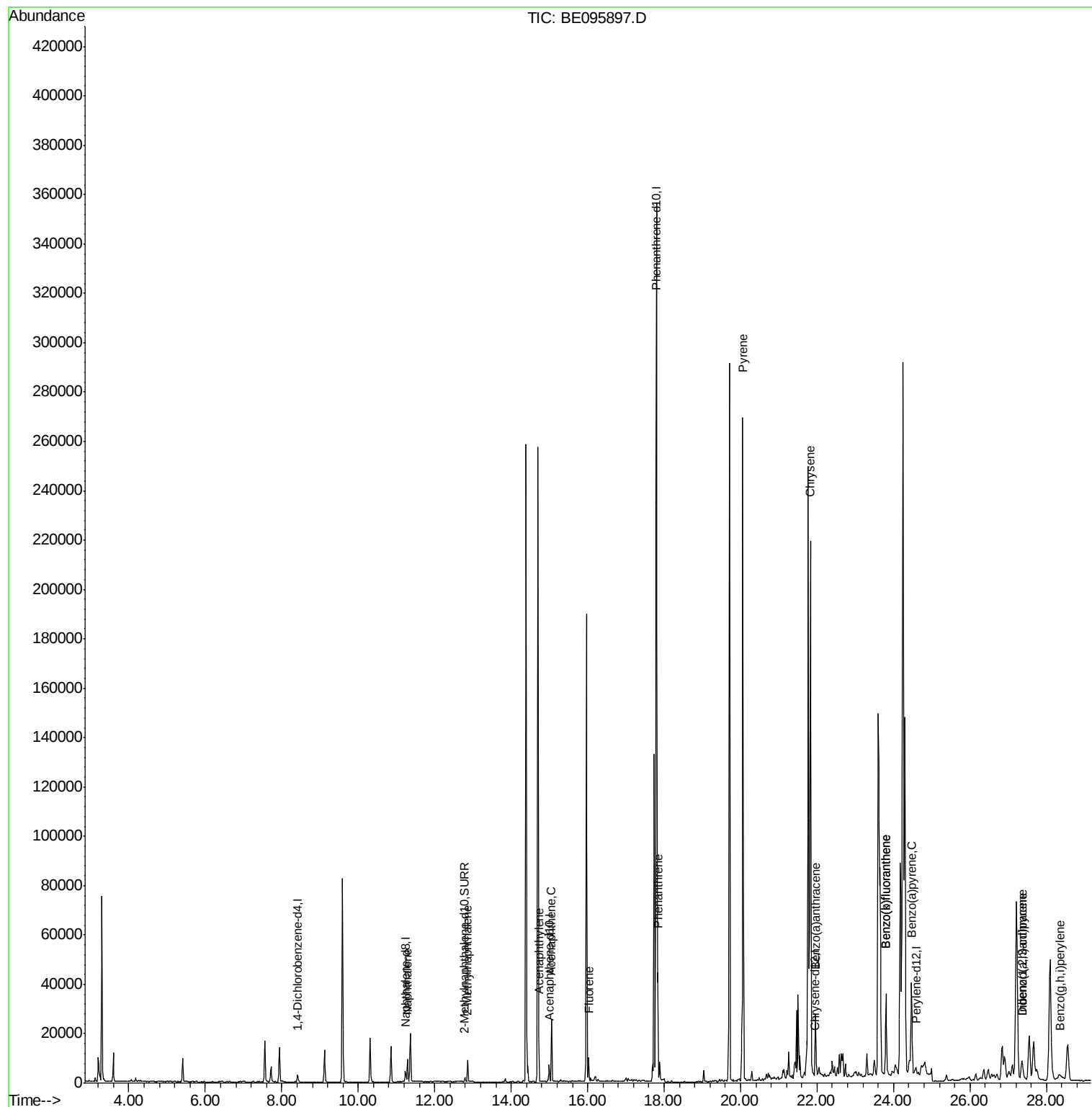
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1944	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	5782	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3763	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	433224	0.40	ng/ul	0.09
16) Chrysene-d12	21.93	240	146	0.40	ng/ul	0.14
20) Perylene-d12	24.58	264	692	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	2231	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	12809	0.794	ng/ul#	89
5) 2-Methylnaphthalene	12.86	142	7236	0.645	ng/ul	99
7) Acenaphthylene	14.73	152	680	0.036	ng/ul#	69
8) Acenaphthene	15.06	153	14895	1.041	ng/ul	94
9) Fluorene	16.02	166	6120	0.394	ng/ul	90
12) Phenanthrene	17.83	178	43244	0.033	ng/ul#	89
17) Pyrene	20.06	202	341709	616.379	ng/ul#	79
18) Benzo(a)anthracene	21.96	228	20296	43.084	ng/ul#	54
19) Chrysene	21.83	228	228538	476.470	ng/ul	98
21) Benzo(b)fluoranthene	23.80	252	46842	19.541	ng/ul	90
22) Benzo(k)fluoranthene	23.80	252	46842	20.557	ng/ul#	92
23) Benzo(a)pyrene	24.47	252	55314	25.275	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.36	276	3939	1.623	ng/ul#	85
25) Dibenzo(a,h)anthracene	27.36	278	14088	7.260	ng/ul	97
26) Benzo(g,h,i)perylene	28.37	276	3397	1.630	ng/ul#	63

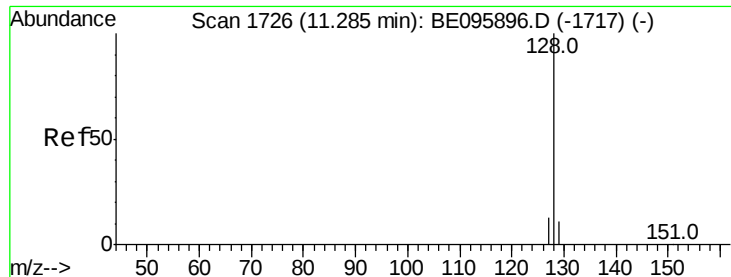
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Naphthalene

Concen: 0.794 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Instrument :

BNA_E

ClientSampleId :

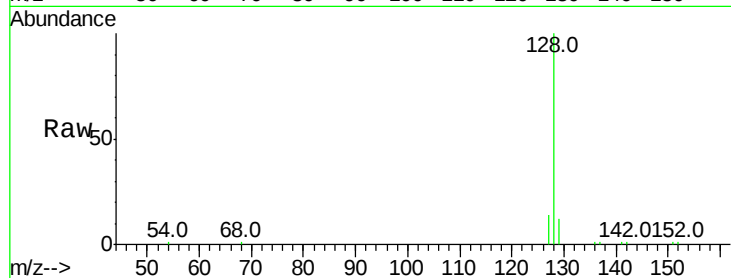
Tot Ion:128 Resp: 12809

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

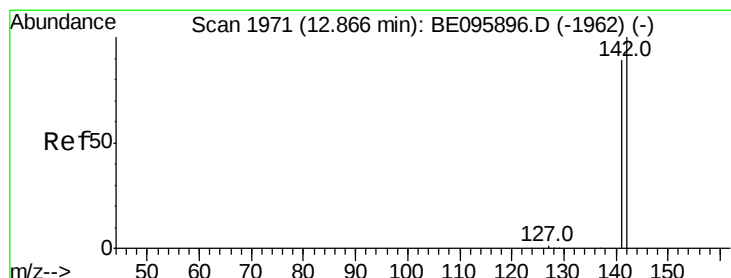
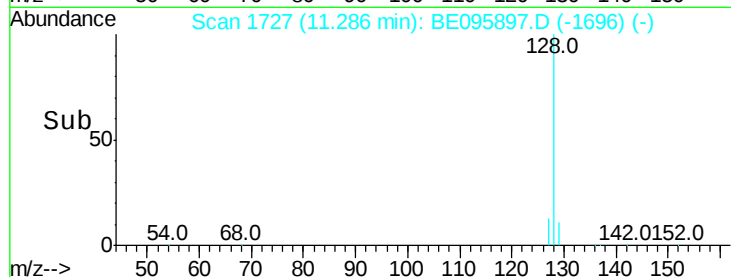
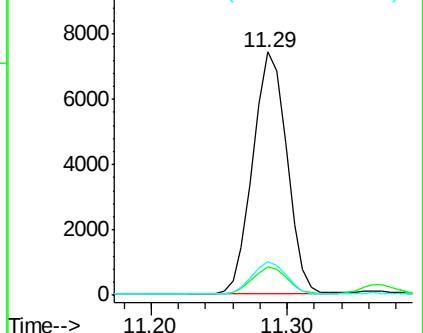
127 13.8 4.0 6.0#



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: 0.645 ng/ul

RT: 12.86 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BE095897.D

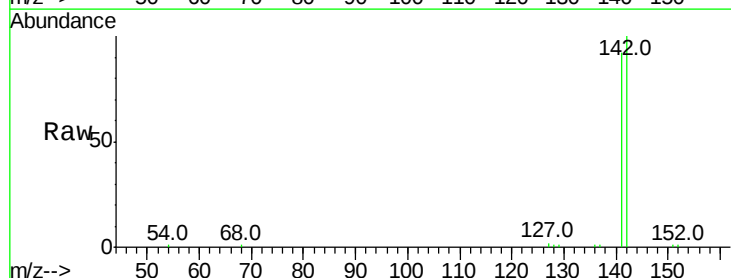
Acq: 29 Mar 2018 3:16

Tgt Ion:142 Resp: 7236

Ion Ratio Lower Upper

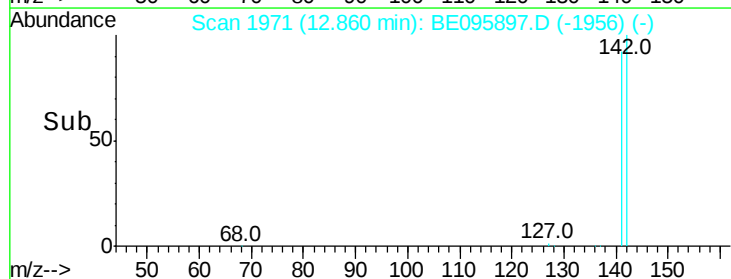
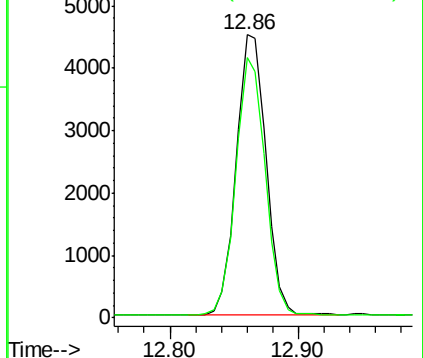
142 100

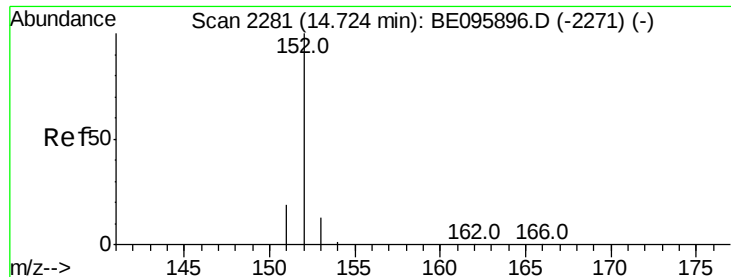
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Instrument :

BNA_E

ClientSampleId :

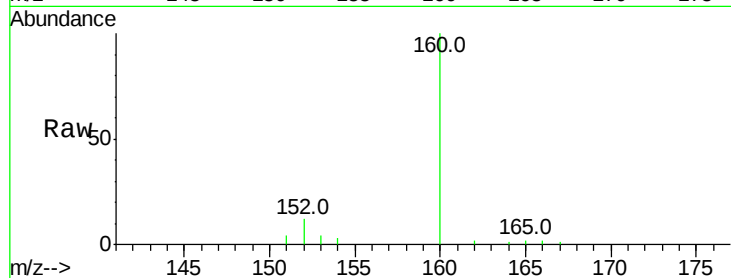
Tot Ion:152 Resp: 680

Ion Ratio Lower Upper

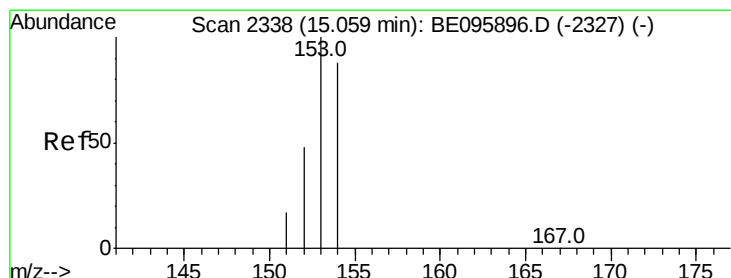
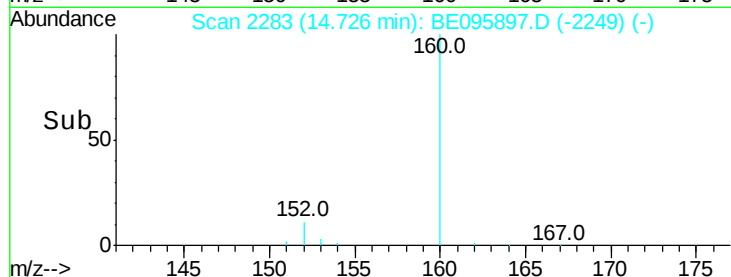
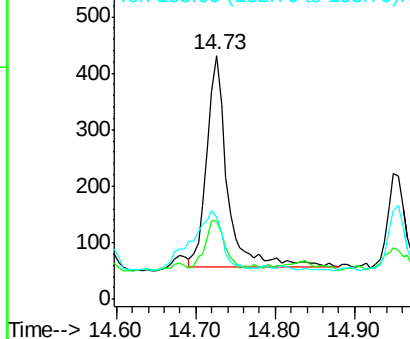
152 100

151 32.0 17.1 25.7#

153 33.6 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: 1.041 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

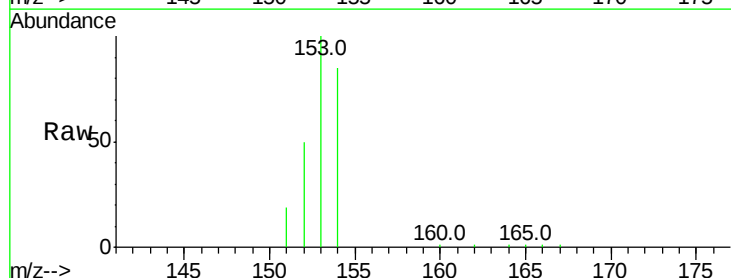
Tgt Ion:153 Resp: 14895

Ion Ratio Lower Upper

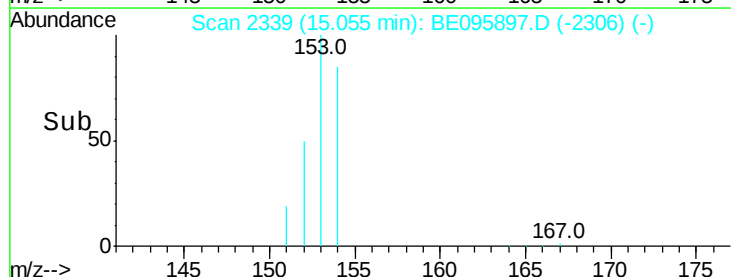
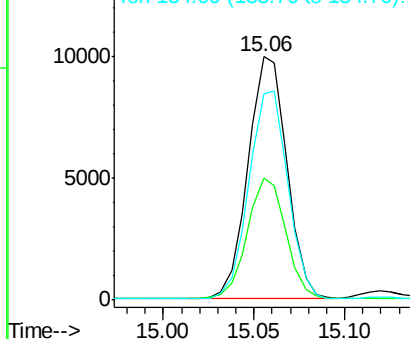
153 100

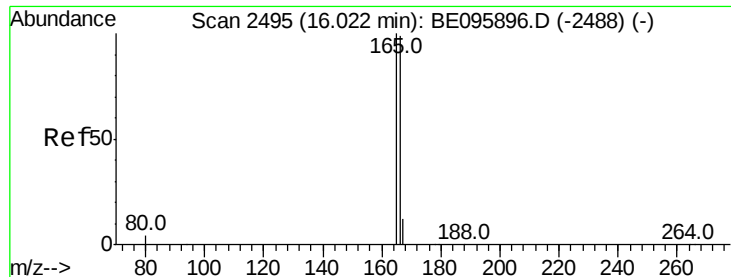
152 49.9 36.0 54.0

154 85.0 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: 0.394 ng/ul

RT: 16.02 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Instrument :

BNA_E

ClientSampleId :

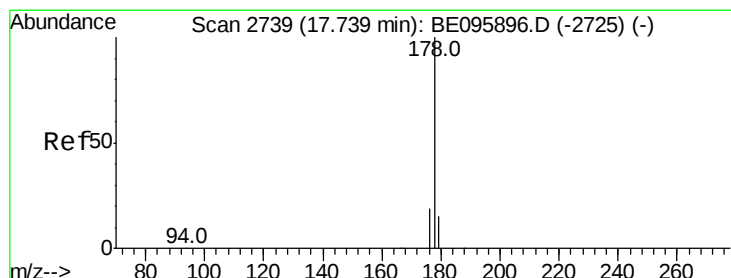
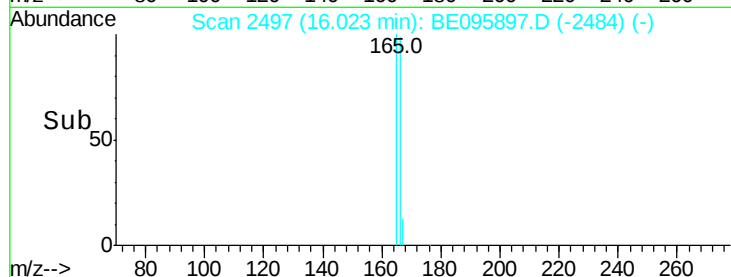
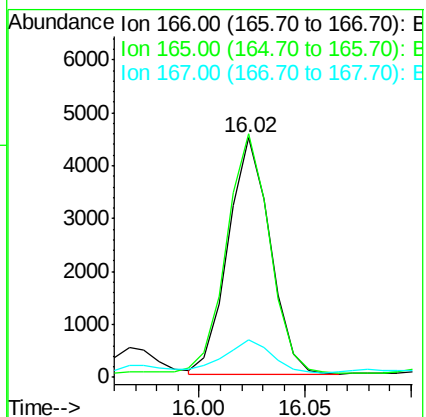
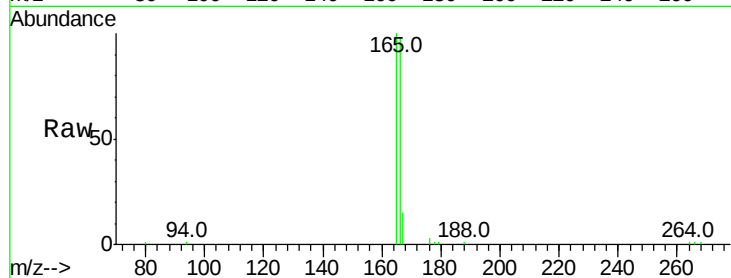
Tot Ion:166 Resp: 6120

Ion Ratio Lower Upper

166 100

165 101.8 73.4 110.2

167 15.5 14.6 22.0



#12

Phenanthrene

Concen: 0.033 ng/ul

RT: 17.83 min Scan# 2754

Delta R.T. 0.09 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

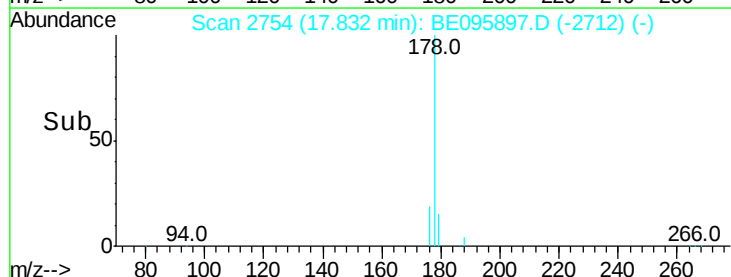
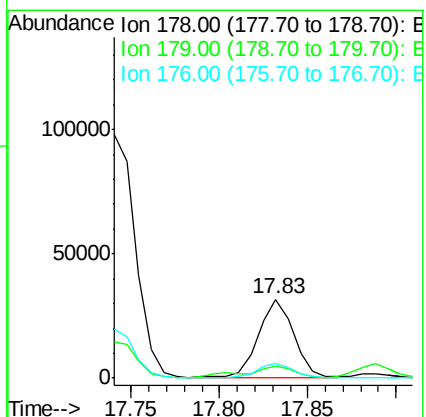
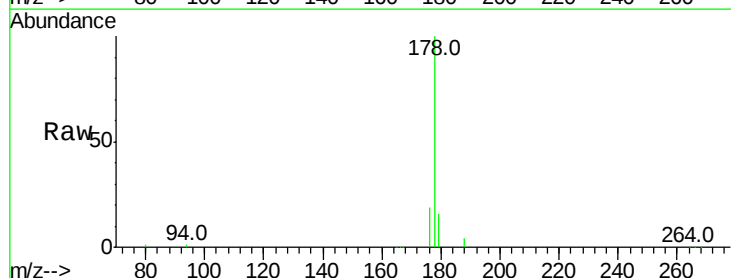
Tgt Ion:178 Resp: 43244

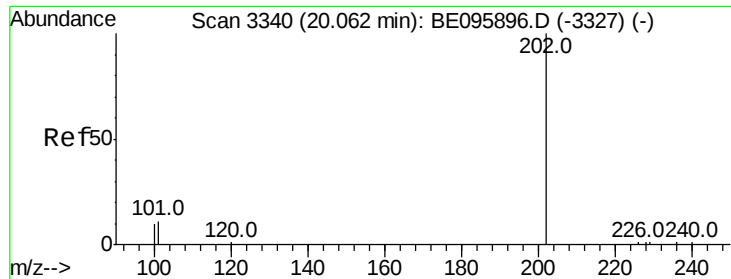
Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.3 13.6 20.4

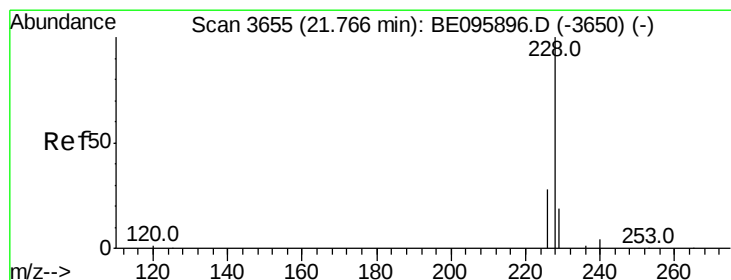
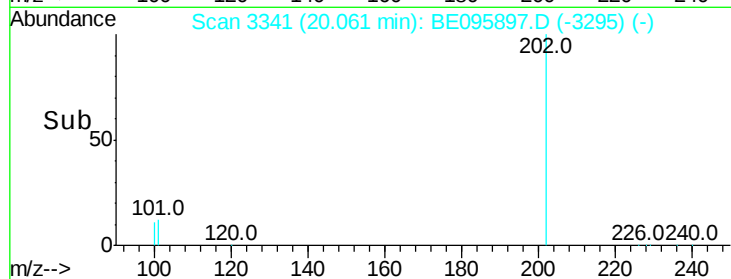
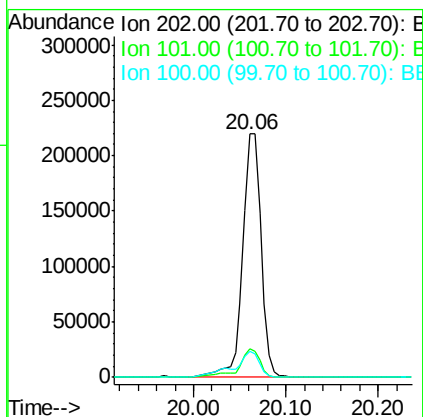
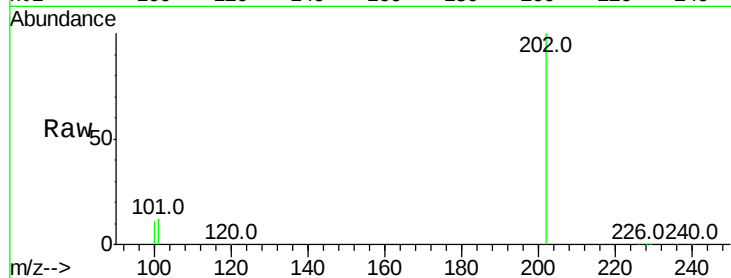




#17
Pvrene
Concen: 616.379 ng/ul
RT: 20.06 min Scan# 3341
Delta R.T. -0.00 min
Lab File: BE095897.D
Acq: 29 Mar 2018 3:16

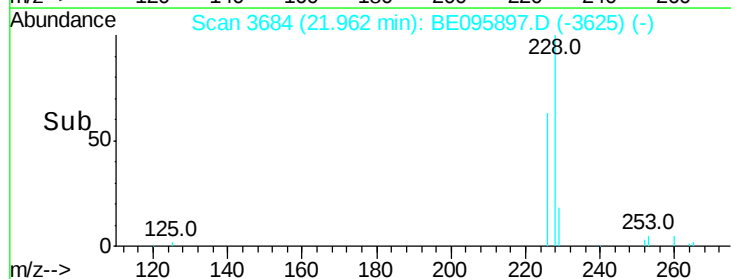
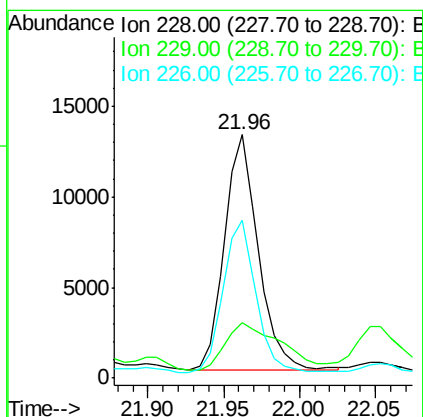
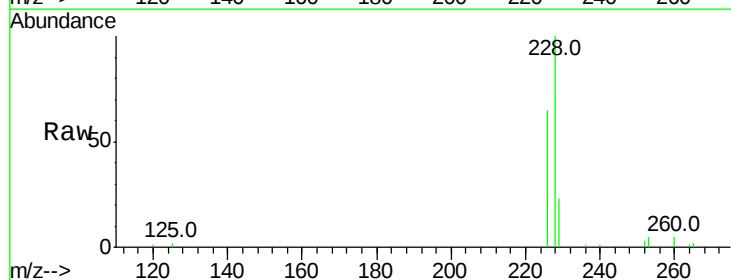
Instrument :
BNA_E
ClientSampled :

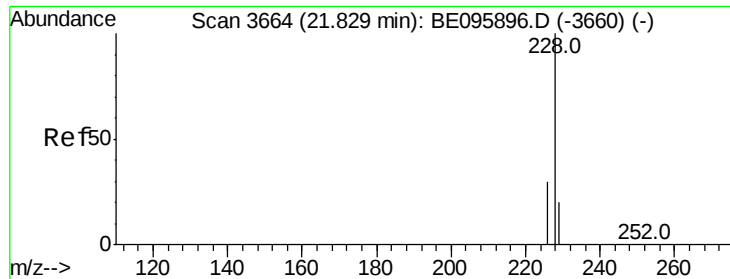
Tot Ion:202 Resp: 341709
Ion Ratio Lower Upper
202 100
101 11.8 18.2 27.4#
100 10.8 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 43.084 ng/ul
RT: 21.96 min Scan# 3684
Delta R.T. 0.20 min
Lab File: BE095897.D
Acq: 29 Mar 2018 3:16

Tgt Ion:228 Resp: 20296
Ion Ratio Lower Upper
228 100
229 22.6 22.8 34.2#
226 64.7 17.0 25.6#





#19

Chrysene

Concen: 476.470 ng/ul

RT: 21.83 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Instrument :

BNA_E

ClientSampleId :

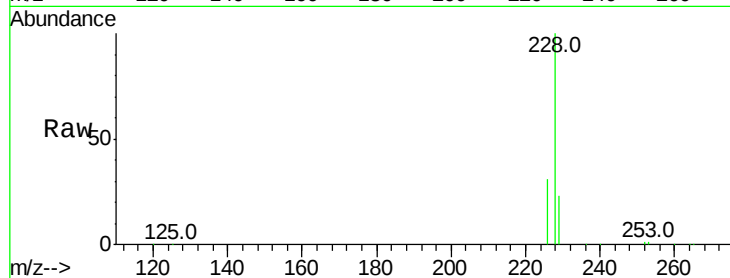
Tot Ion:228 Resp: 228538

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

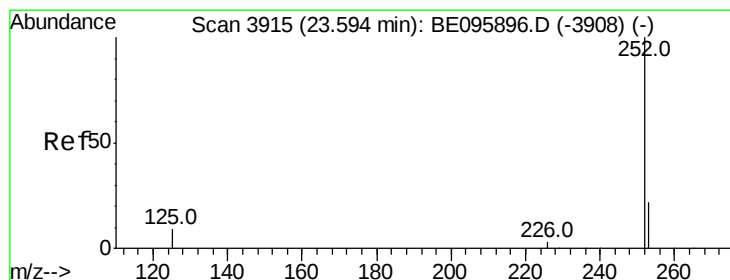
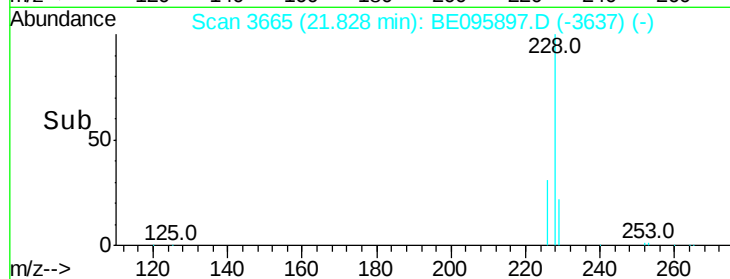
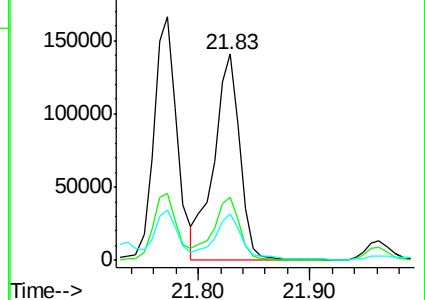
229 22.7 17.7 26.5



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: 19.541 ng/ul

RT: 23.80 min Scan# 3946

Delta R.T. 0.21 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

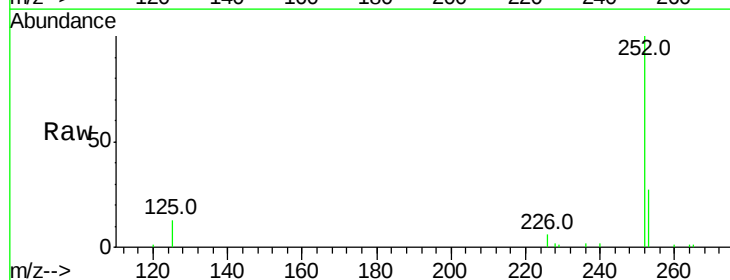
Tgt Ion:252 Resp: 46842

Ion Ratio Lower Upper

252 100

253 27.0 0.0 64.2

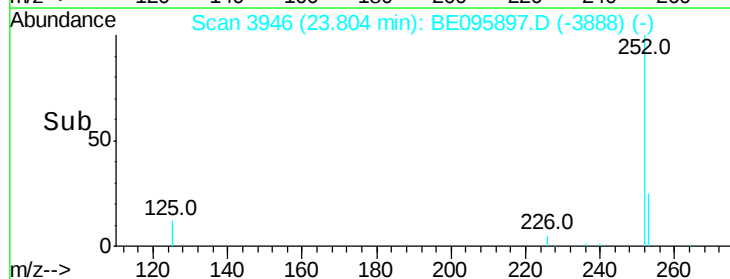
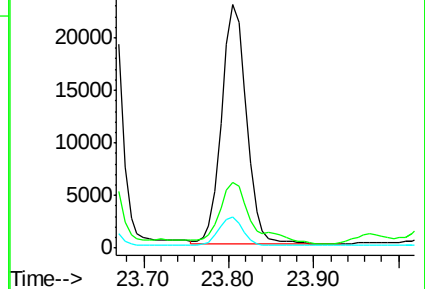
125 13.0 0.0 35.0

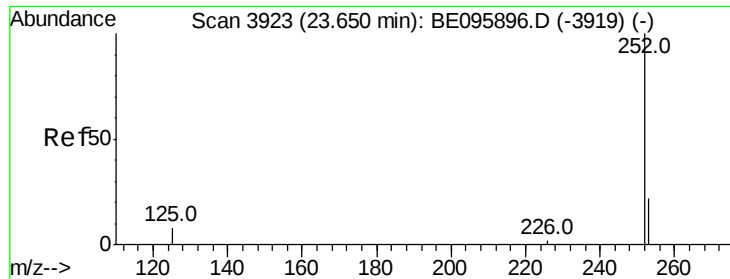


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 20.557 ng/ul

RT: 23.80 min Scan# 3946

Delta R.T. 0.15 min

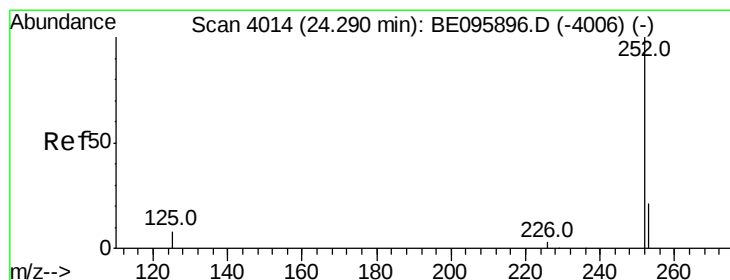
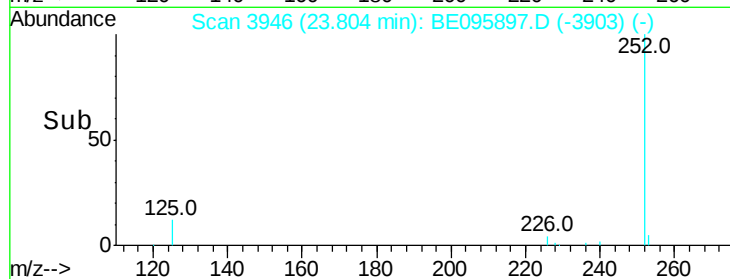
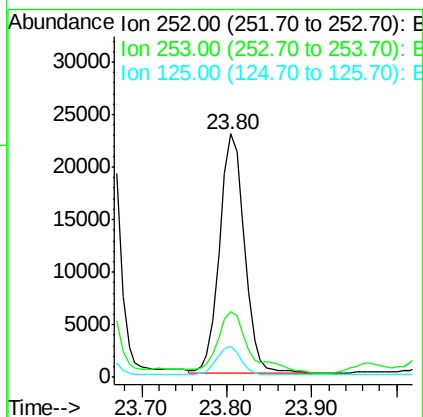
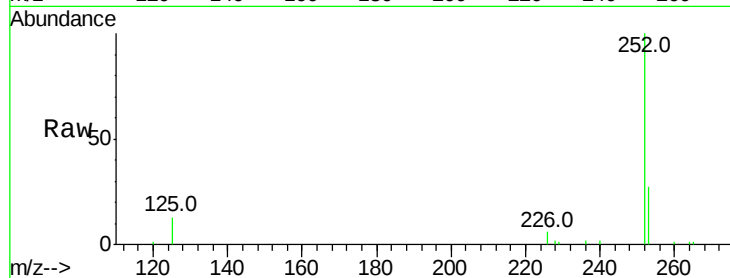
Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 46842

Ion	Ratio	Lower	Upper
252	100		
253	27.0	24.5	36.7
125	13.0	13.7	20.5#



#23

Benzo(a)pyrene

Concen: 25.275 ng/ul

RT: 24.47 min Scan# 4041

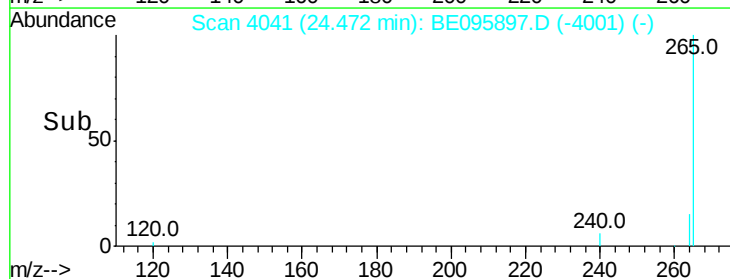
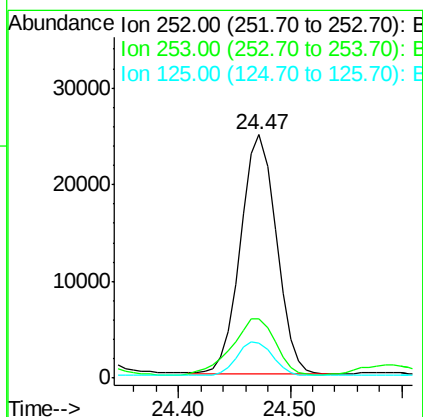
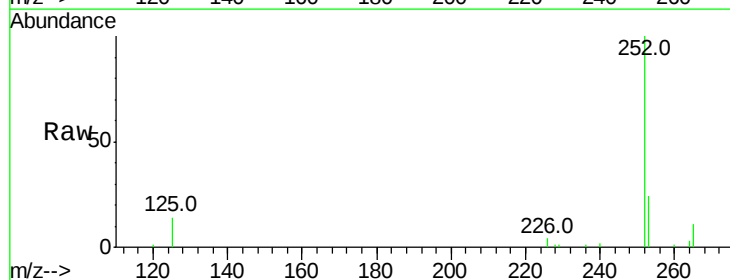
Delta R.T. 0.18 min

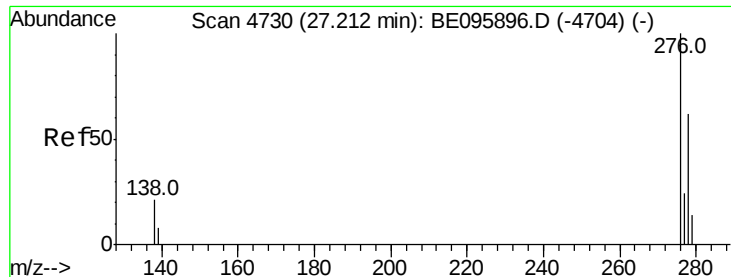
Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Tgt Ion:252 Resp: 55314

Ion	Ratio	Lower	Upper
252	100		
253	24.4	28.5	42.7#
125	14.3	18.1	27.1#

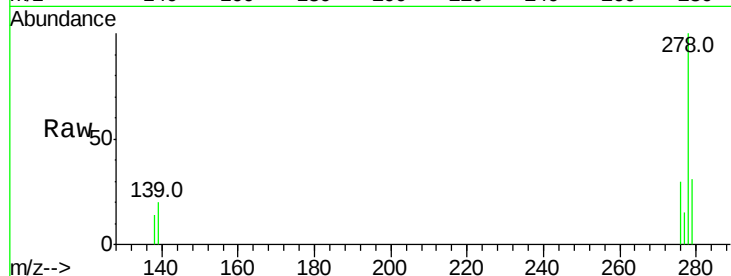




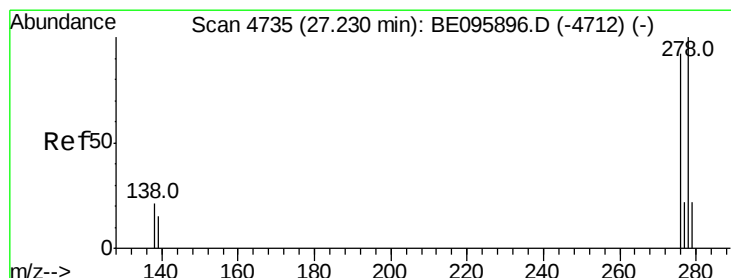
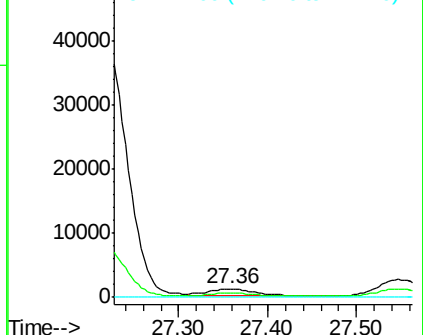
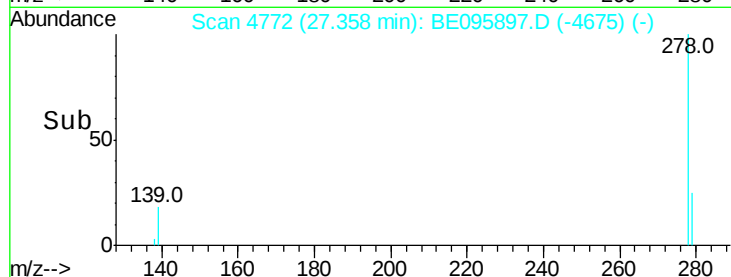
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.623 ng/ul
 RT: 27.36 min Scan# 4772
 Delta R.T. 0.15 min
 Lab File: BE095897.D
 Acq: 29 Mar 2018 3:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 3939
 Ion Ratio Lower Upper
 276 100
 138 41.7 28.0 42.0
 227 0.0 8.0 12.0#

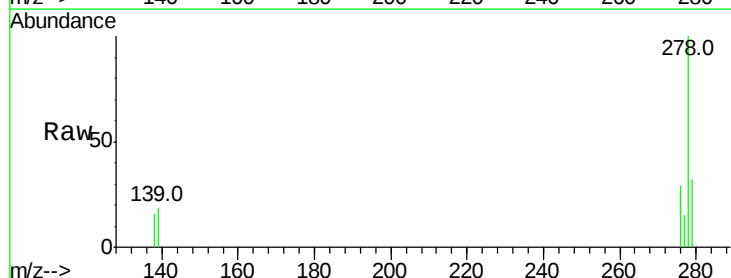


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

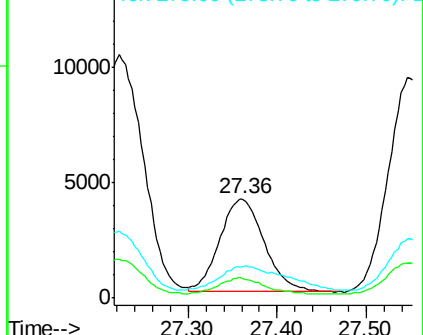
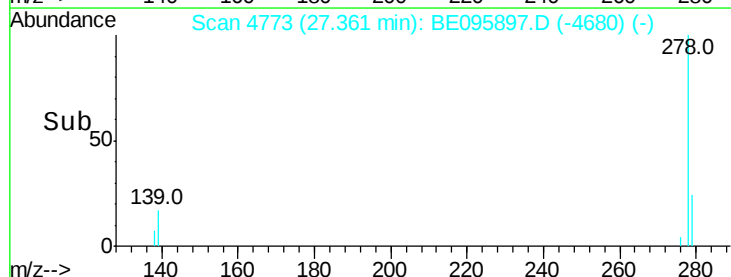


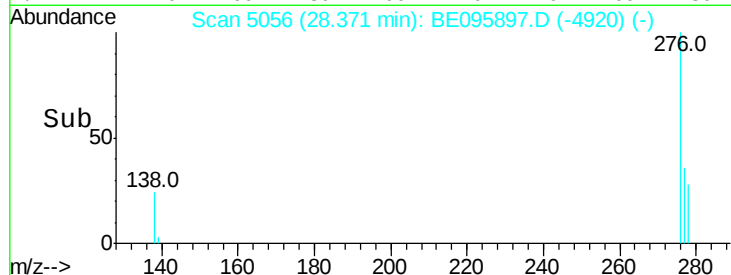
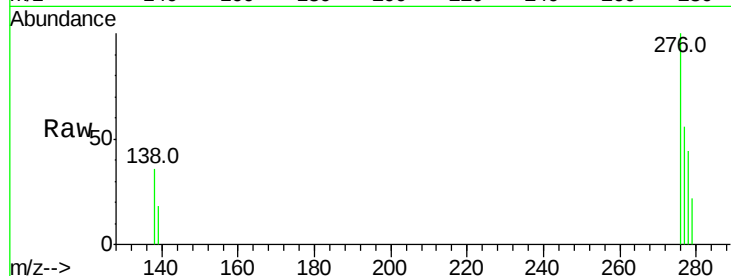
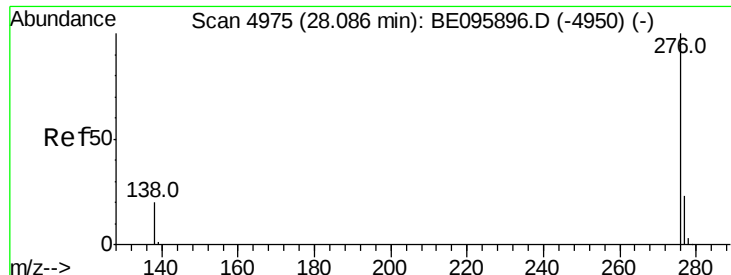
#25
 Dibenzo(a,h)anthracene
 Concen: 7.260 ng/ul
 RT: 27.36 min Scan# 4773
 Delta R.T. 0.13 min
 Lab File: BE095897.D
 Acq: 29 Mar 2018 3:16

Tgt Ion:278 Resp: 14088
 Ion Ratio Lower Upper
 278 100
 139 19.4 17.4 26.0
 279 31.8 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 1.630 ng/ul

RT: 28.37 min Scan# 5056

Delta R.T. 0.28 min

Lab File: BE095897.D

Acq: 29 Mar 2018 3:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 3397

Ion Ratio Lower Upper

276 100

138 36.0 21.8 32.8#

277 55.5 20.5 30.7#

