

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095899.D
 Acq On : 29 Mar 2018 4:28
 Operator : SJ/JU
 Sample : J1951-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

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

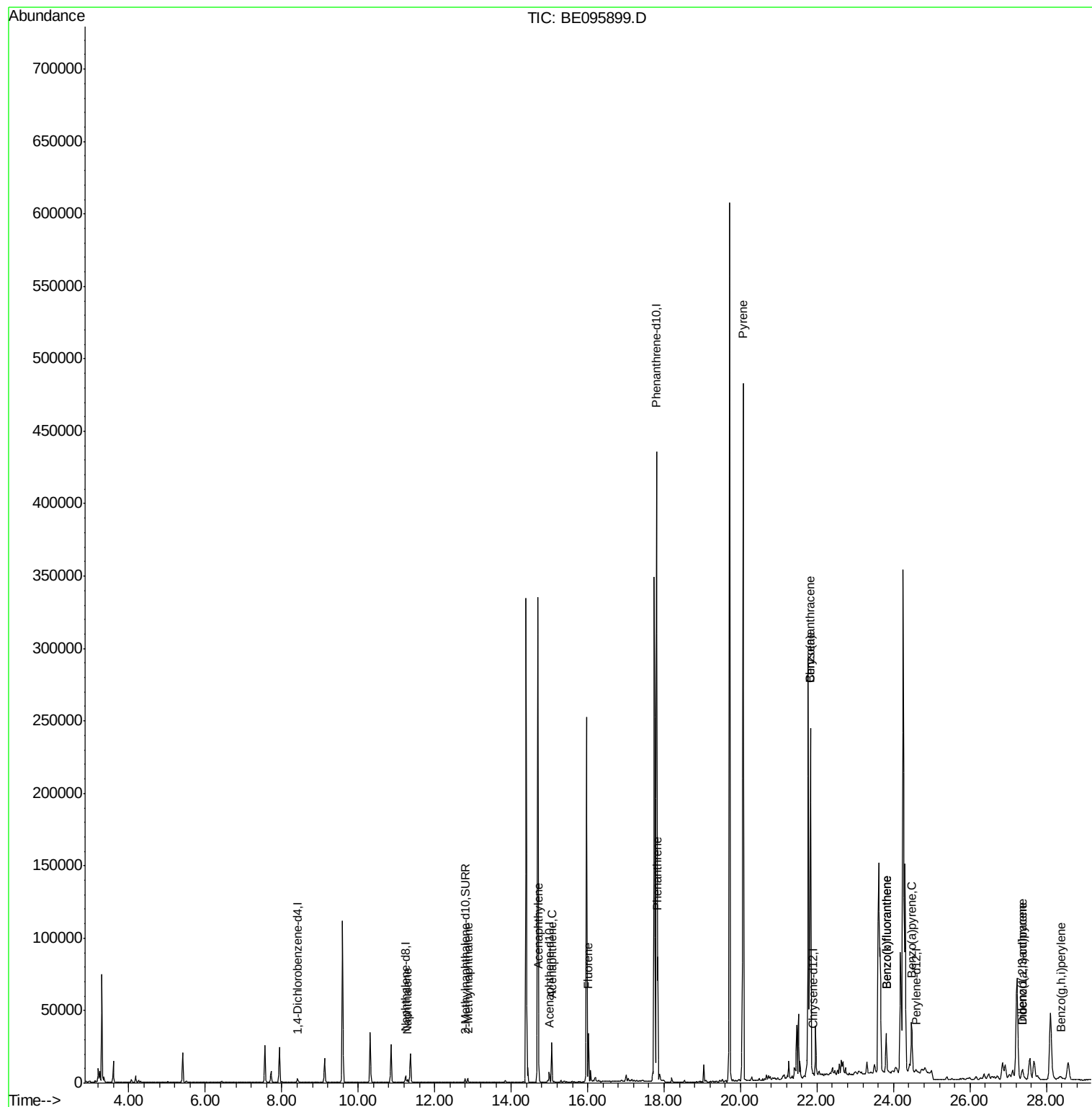
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1940	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5916	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3854	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	515349	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	103	0.40	ng/ul	0.13
20) Perylene-d12	24.59	264	1081	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3030	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	2898	0.175	ng/ul#	91
5) 2-Methylnaphthalene	12.87	142	2312	0.201	ng/ul	98
7) Acenaphthylene	14.72	152	2426	0.125	ng/ul#	91
8) Acenaphthene	15.06	153	15035	1.026	ng/ul	95
9) Fluorene	16.02	166	22717	1.428	ng/ul#	90
12) Phenanthrene	17.84	178	91199	0.059	ng/ul#	89
17) Pyrene	20.07	202	615911	1574.798	ng/ul#	78
18) Benzo(a)anthracene	21.83	228	231947	697.925	ng/ul#	84
19) Chrysene	21.83	228	231947	685.459	ng/ul	98
21) Benzo(b)fluoranthene	23.81	252	39529	10.556	ng/ul	94
22) Benzo(k)fluoranthene	23.81	252	39529	11.105	ng/ul	96
23) Benzo(a)pyrene	24.47	252	54651	15.986	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.37	276	3649	0.963	ng/ul#	90
25) Dibenzo(a,h)anthracene	27.37	278	12450	4.107	ng/ul	93
26) Benzo(g,h,i)perylene	28.39	276	3618	1.111	ng/ul#	53

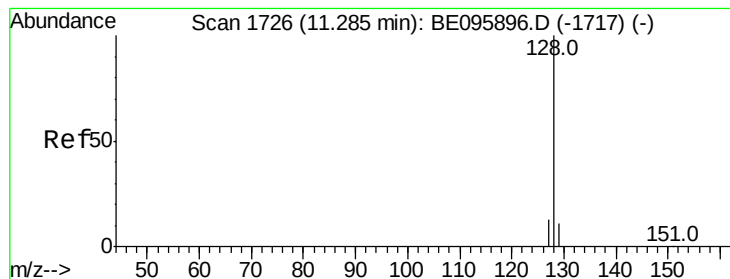
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.175 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

ClientSampleId :

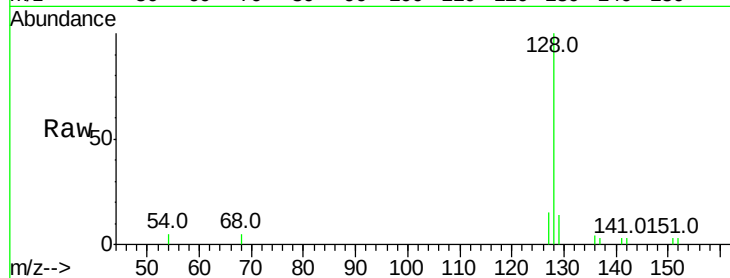
Tot Ion:128 Resp: 2898

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

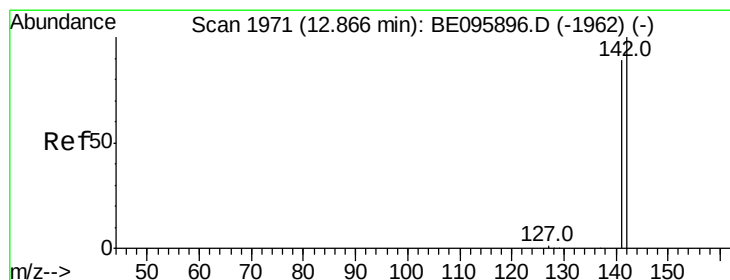
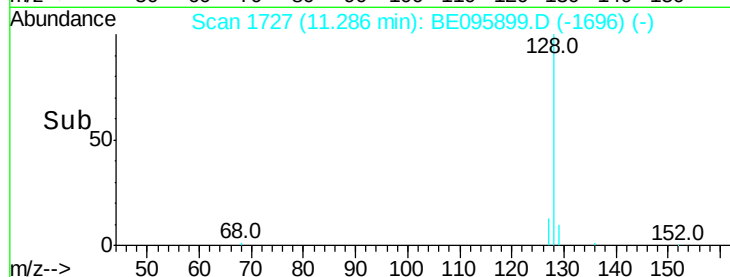
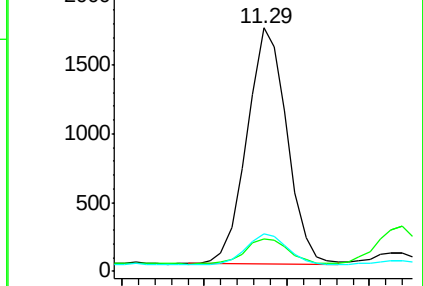
127 15.4 4.0 6.0#



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: 0.201 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095899.D

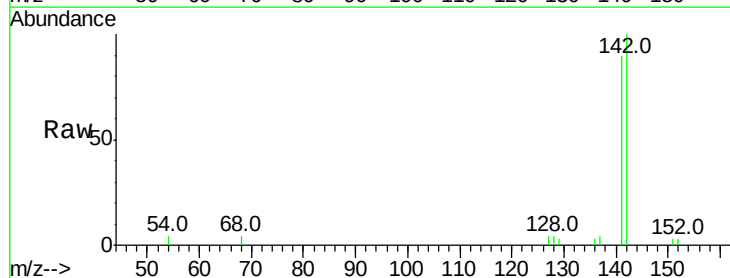
Acq: 29 Mar 2018 4:28

Tgt Ion:142 Resp: 2312

Ion Ratio Lower Upper

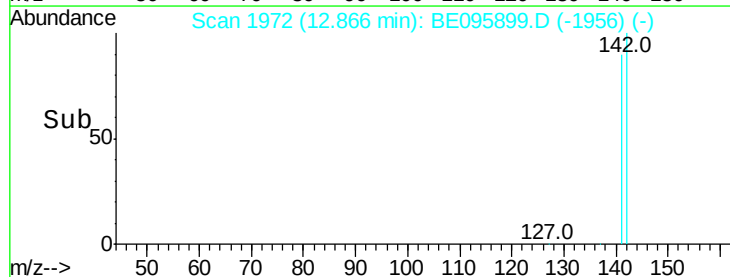
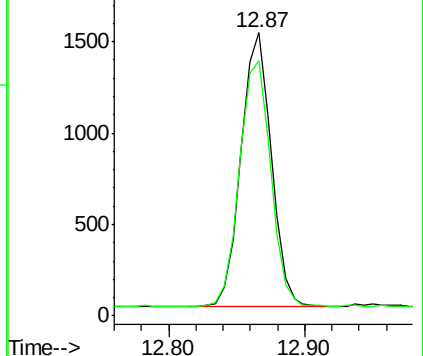
142 100

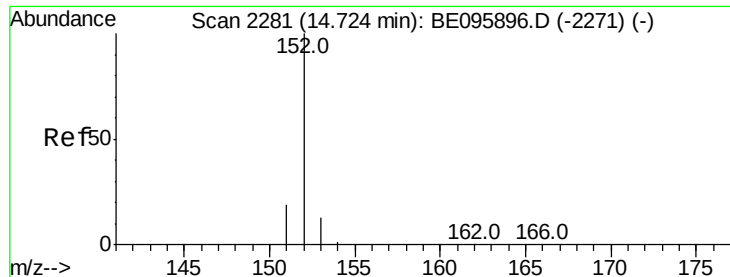
141 92.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.125 ng/ul

RT: 14.72 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

ClientSampleId :

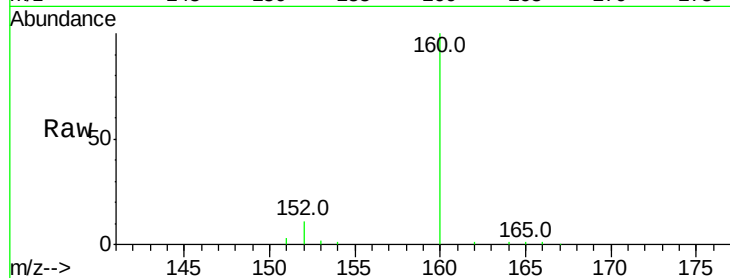
Tot Ion:152 Resp: 2426

Ion Ratio Lower Upper

152 100

151 24.9 17.1 25.7

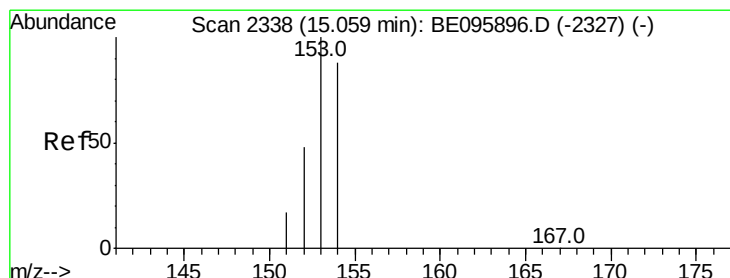
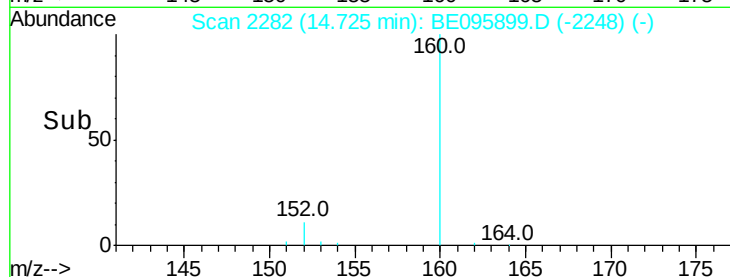
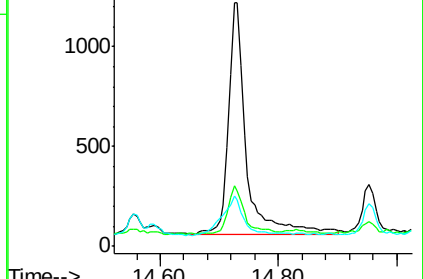
153 20.9 12.8 19.2#



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: 1.026 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

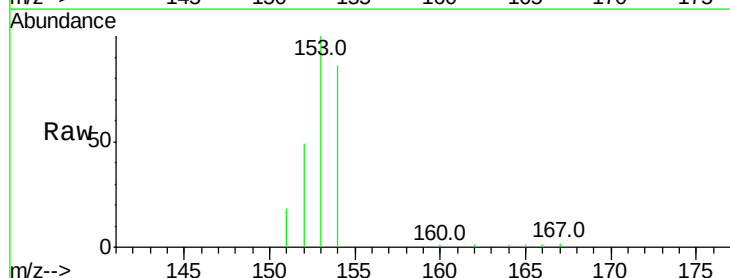
Tgt Ion:153 Resp: 15035

Ion Ratio Lower Upper

153 100

152 48.8 36.0 54.0

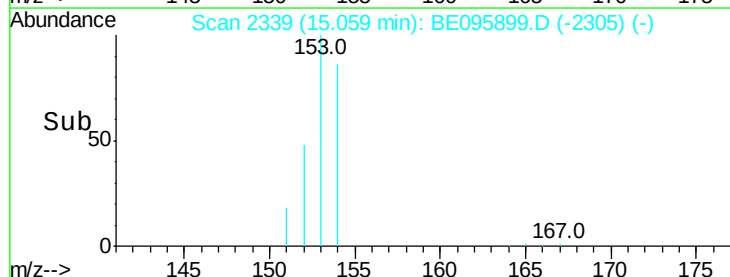
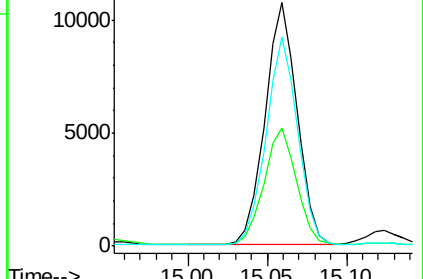
154 85.7 72.0 108.0

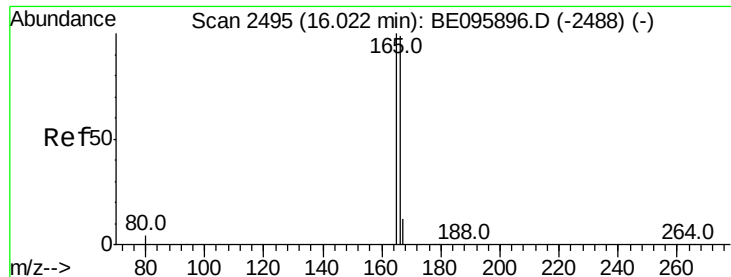


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.428 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

ClientSampleId :

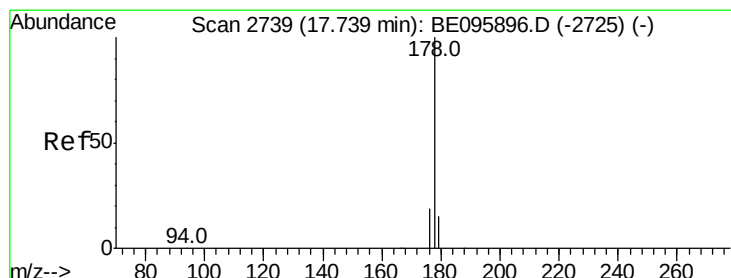
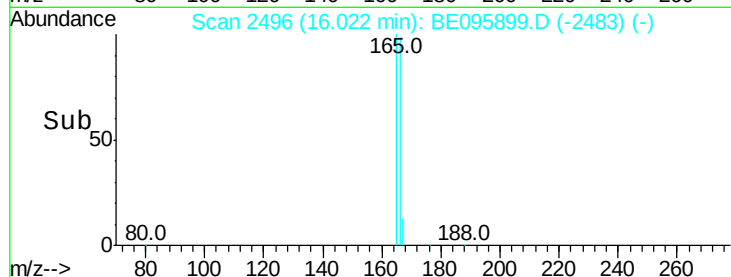
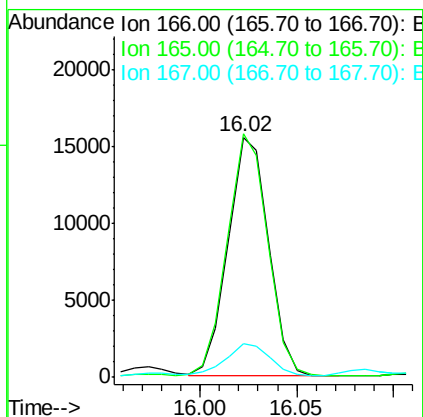
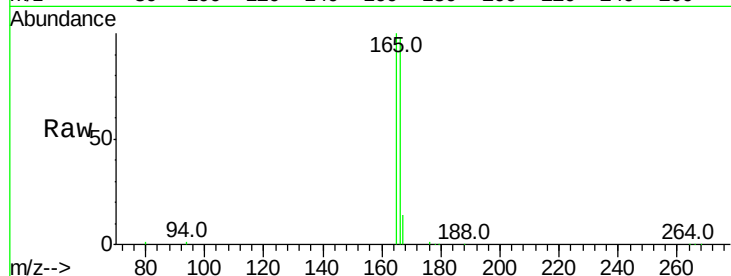
Tot Ion:166 Resp: 22717

Ion Ratio Lower Upper

166 100

165 101.6 73.4 110.2

167 14.1 14.6 22.0#



#12

Phenanthrene

Concen: 0.059 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. 0.10 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

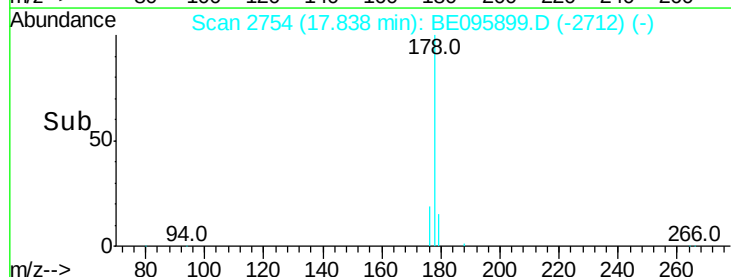
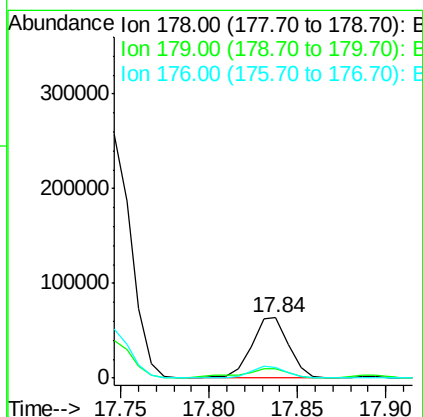
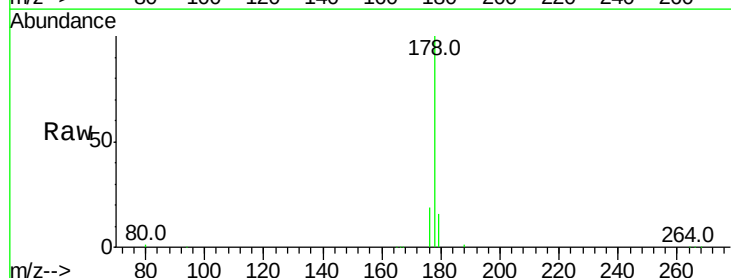
Tgt Ion:178 Resp: 91199

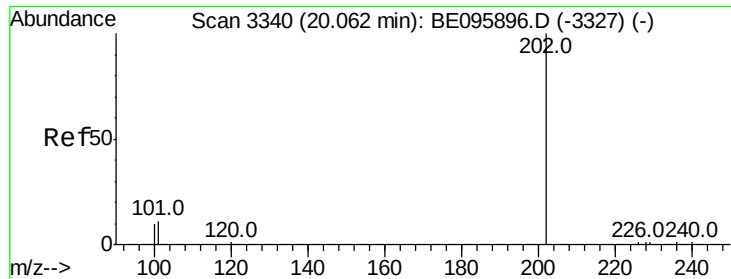
Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 18.8 13.6 20.4





#17

Pvrene

Concen: 1574.798 ng/ul

RT: 20.07 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

ClientSampleId :

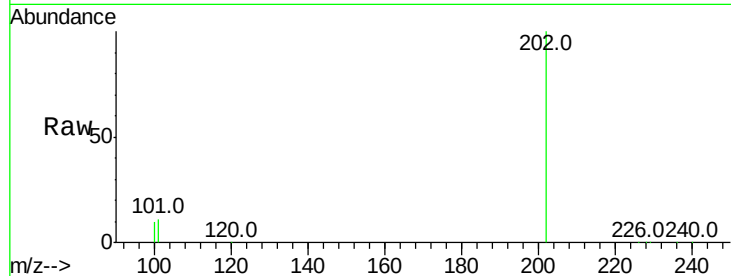
Tot Ion:202 Resp: 615911

Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

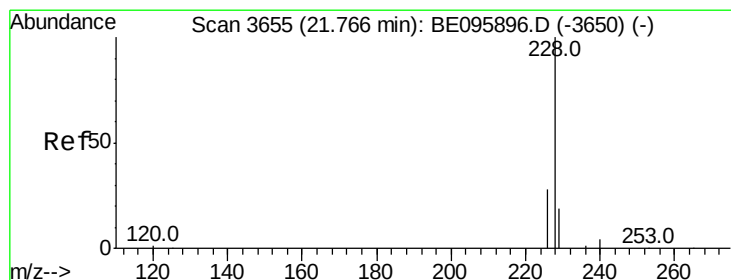
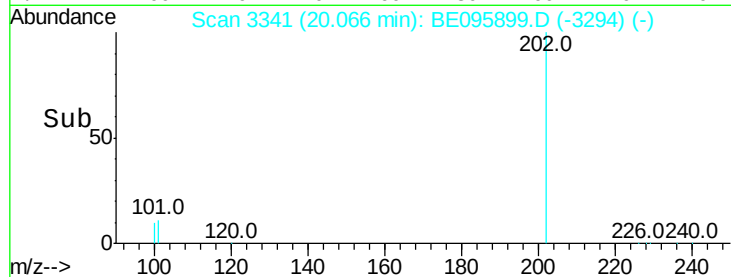
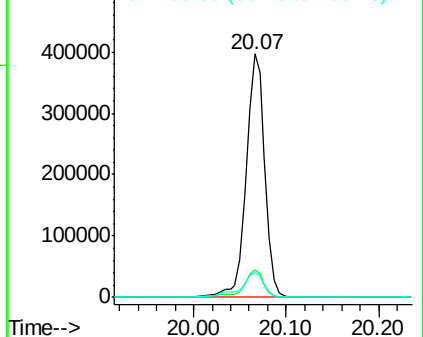
100 10.3 15.6 23.4#



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: 697.925 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.06 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

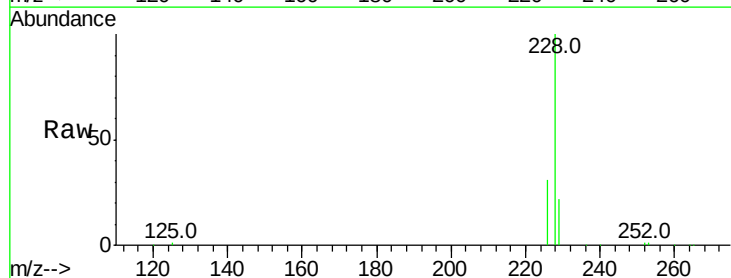
Tgt Ion:228 Resp: 231947

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

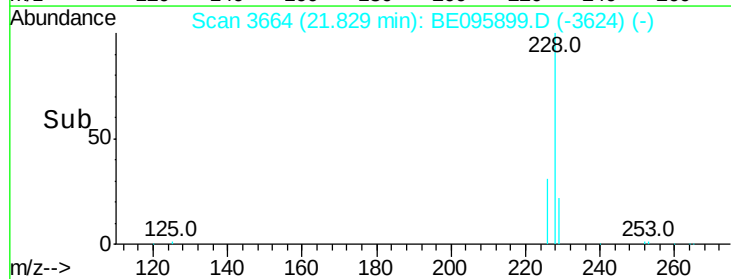
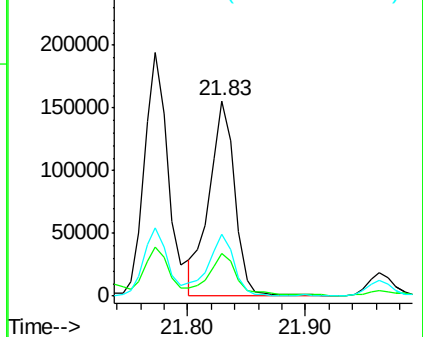
226 31.4 17.0 25.6#

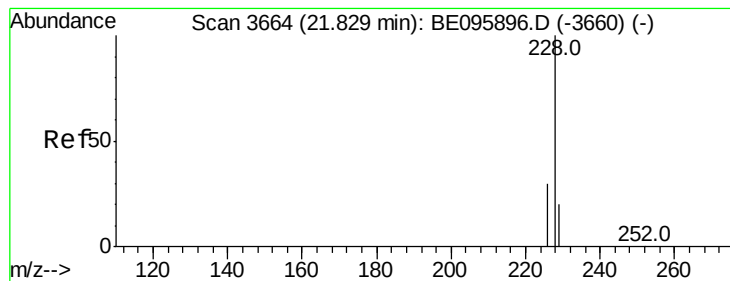


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 685.459 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

ClientSampleId :

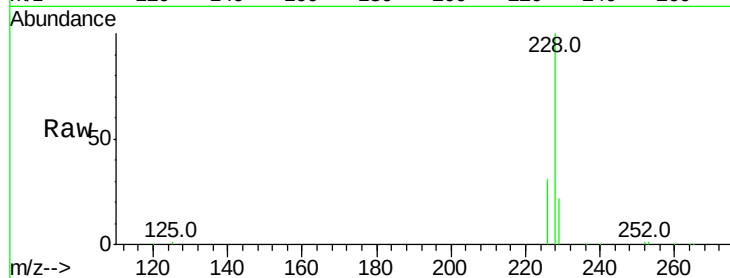
Tot Ion:228 Resp: 231947

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

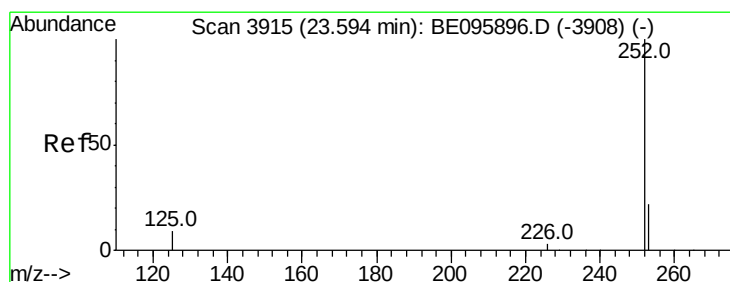
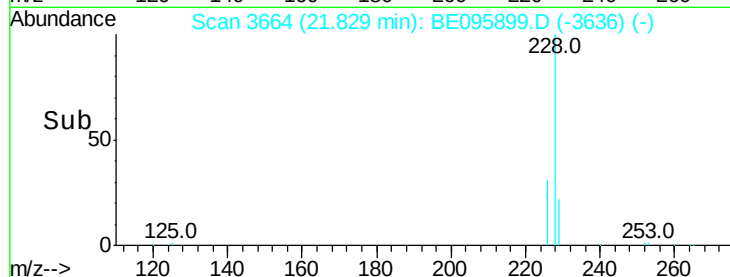
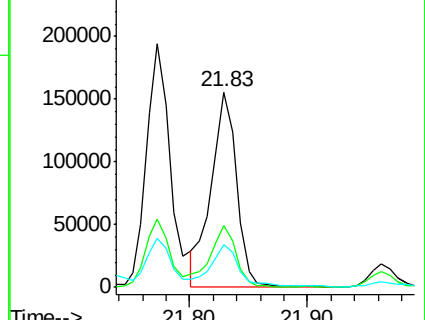
229 22.1 17.7 26.5



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: 10.556 ng/ul

RT: 23.81 min Scan# 3946

Delta R.T. 0.22 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

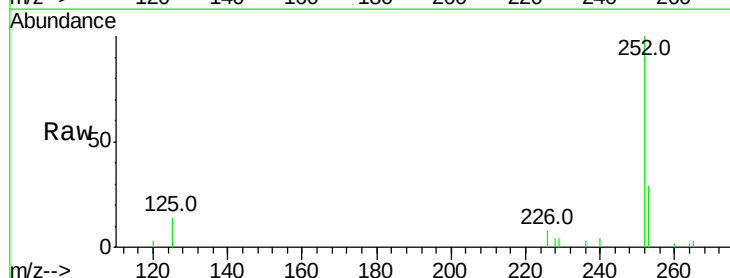
Tgt Ion:252 Resp: 39529

Ion Ratio Lower Upper

252 100

253 29.0 0.0 64.2

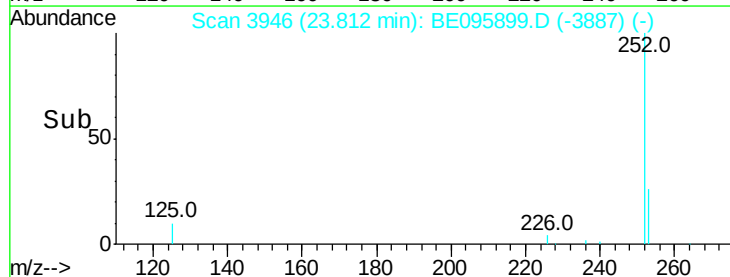
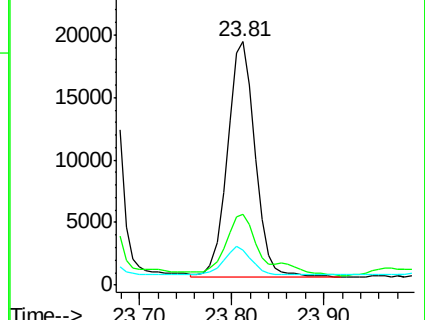
125 14.4 0.0 35.0

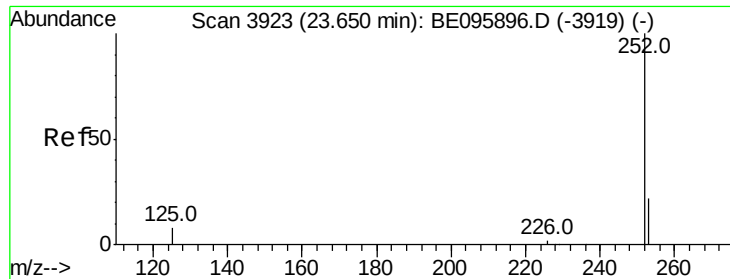


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

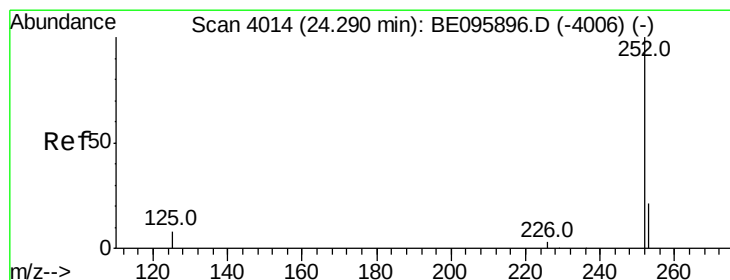
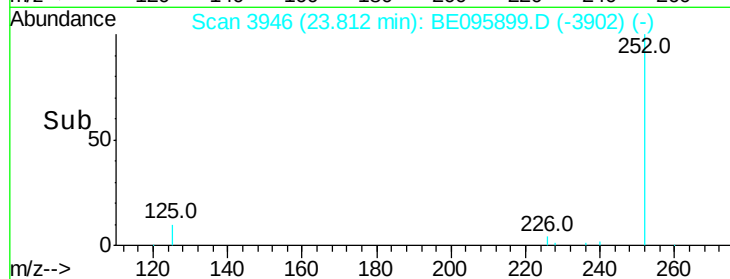
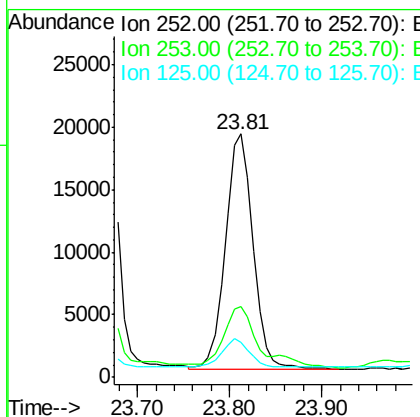
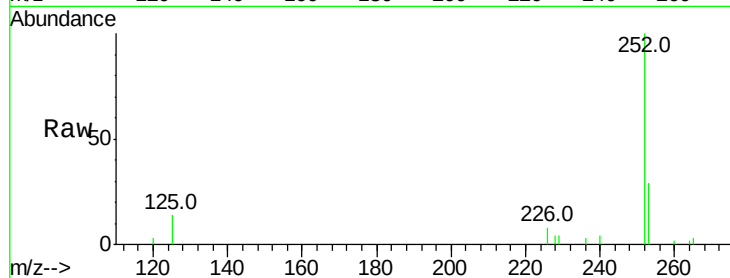




#22
Benzo(k)fluoranthene
Concen: 11.105 ng/ul
RT: 23.81 min Scan# 3946
Delta R.T. 0.16 min
Lab File: BE095899.D
Acq: 29 Mar 2018 4:28

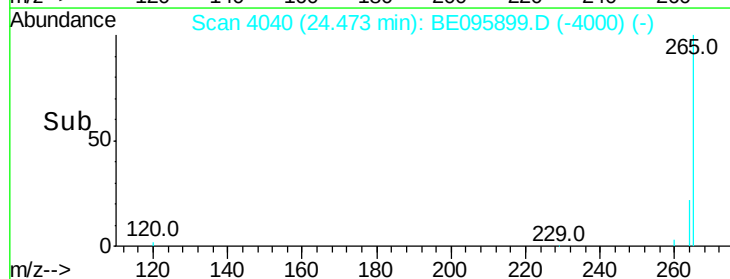
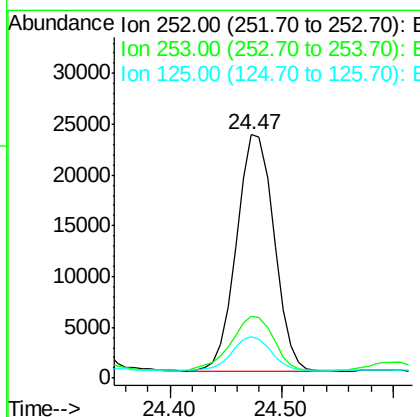
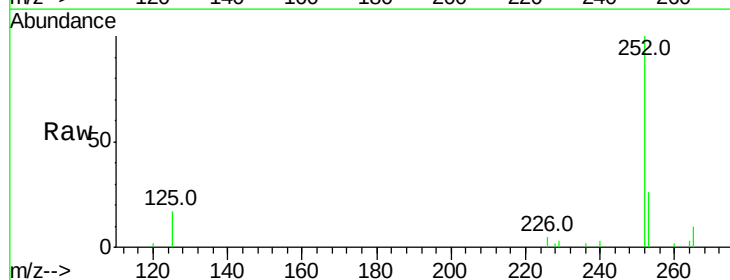
Instrument :
BNA_E
ClientSampled :

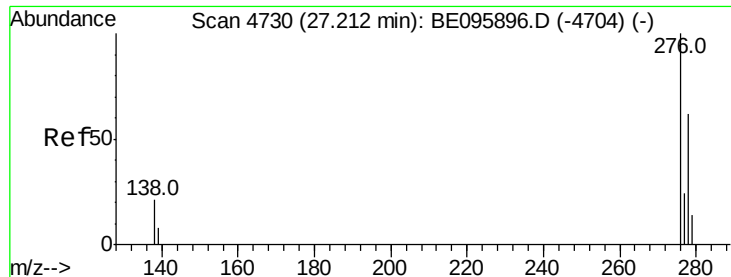
Tot Ion:252 Resp: 39529
Ion Ratio Lower Upper
252 100
253 29.0 24.5 36.7
125 14.4 13.7 20.5



#23
Benzo(a)pyrene
Concen: 15.986 ng/ul
RT: 24.47 min Scan# 4040
Delta R.T. 0.18 min
Lab File: BE095899.D
Acq: 29 Mar 2018 4:28

Tgt Ion:252 Resp: 54651
Ion Ratio Lower Upper
252 100
253 25.6 28.5 42.7#
125 17.1 18.1 27.1#

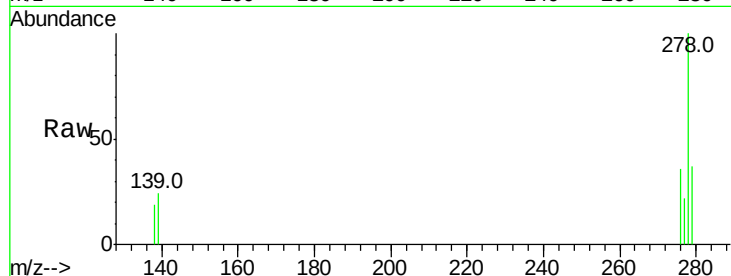




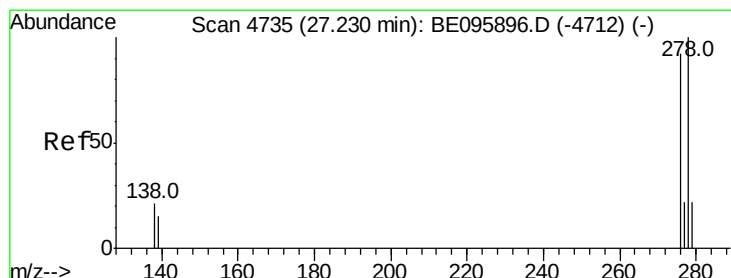
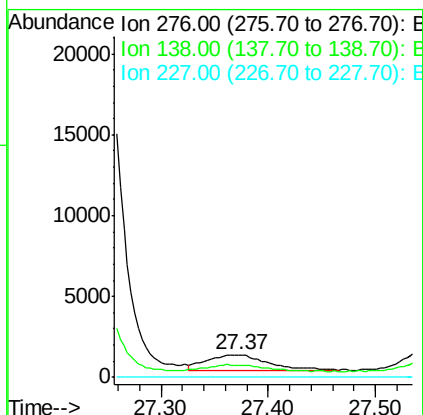
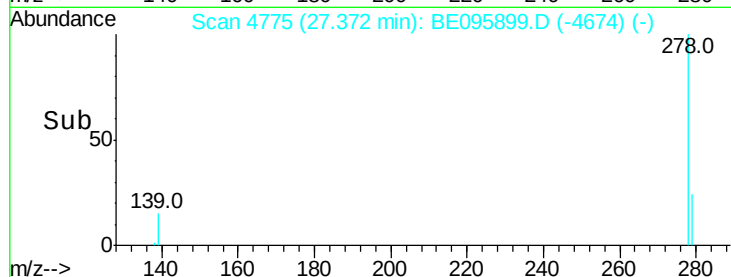
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.963 ng/ul
 RT: 27.37 min Scan# 4775
 Delta R.T. 0.16 min
 Lab File: BE095899.D
 Acq: 29 Mar 2018 4:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 3649
 Ion Ratio Lower Upper
 276 100
 138 38.0 28.0 42.0
 227 0.0 8.0 12.0#

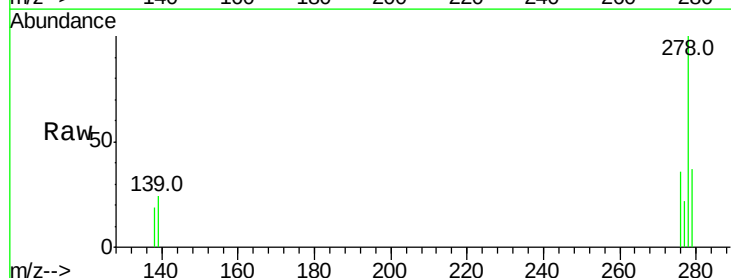


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

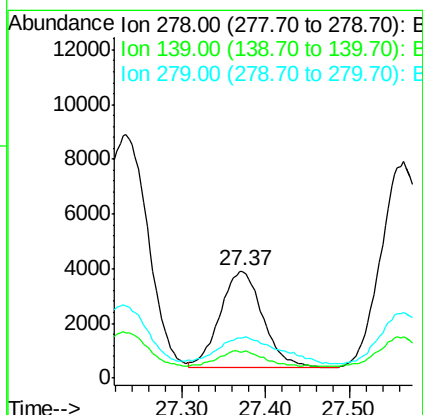
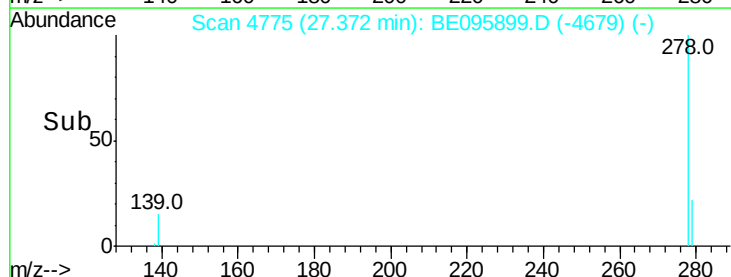


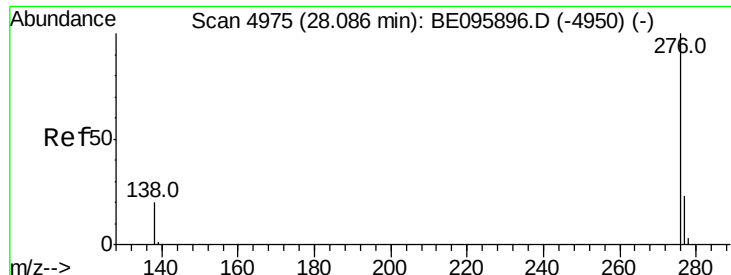
#25
 Dibenzo(a,h)anthracene
 Concen: 4.107 ng/ul
 RT: 27.37 min Scan# 4775
 Delta R.T. 0.14 min
 Lab File: BE095899.D
 Acq: 29 Mar 2018 4:28

Tgt Ion:278 Resp: 12450
 Ion Ratio Lower Upper
 278 100
 139 24.2 17.4 26.0
 279 36.9 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: 1.111 ng/ul

RT: 28.39 min Scan# 5059

Delta R.T. 0.30 min

Lab File: BE095899.D

Acq: 29 Mar 2018 4:28

Instrument :

BNA_E

ClientSampleId :

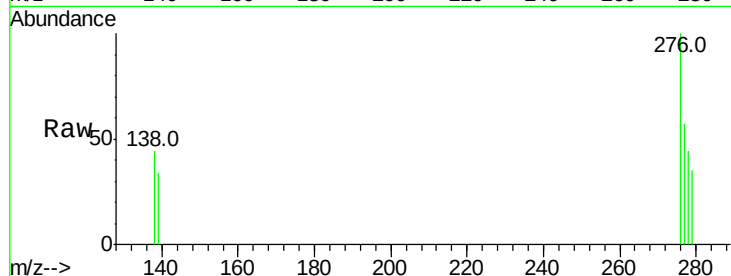
Tot Ion:276 Resp: 3618

Ion Ratio Lower Upper

276 100

138 44.3 21.8 32.8#

277 56.9 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

