

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095892.D
 Acq On : 29 Mar 2018 00:17
 Operator : SJ/JU
 Sample : J2060-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:44:43 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 04:43:20 2018
 Response via : Initial Calibration

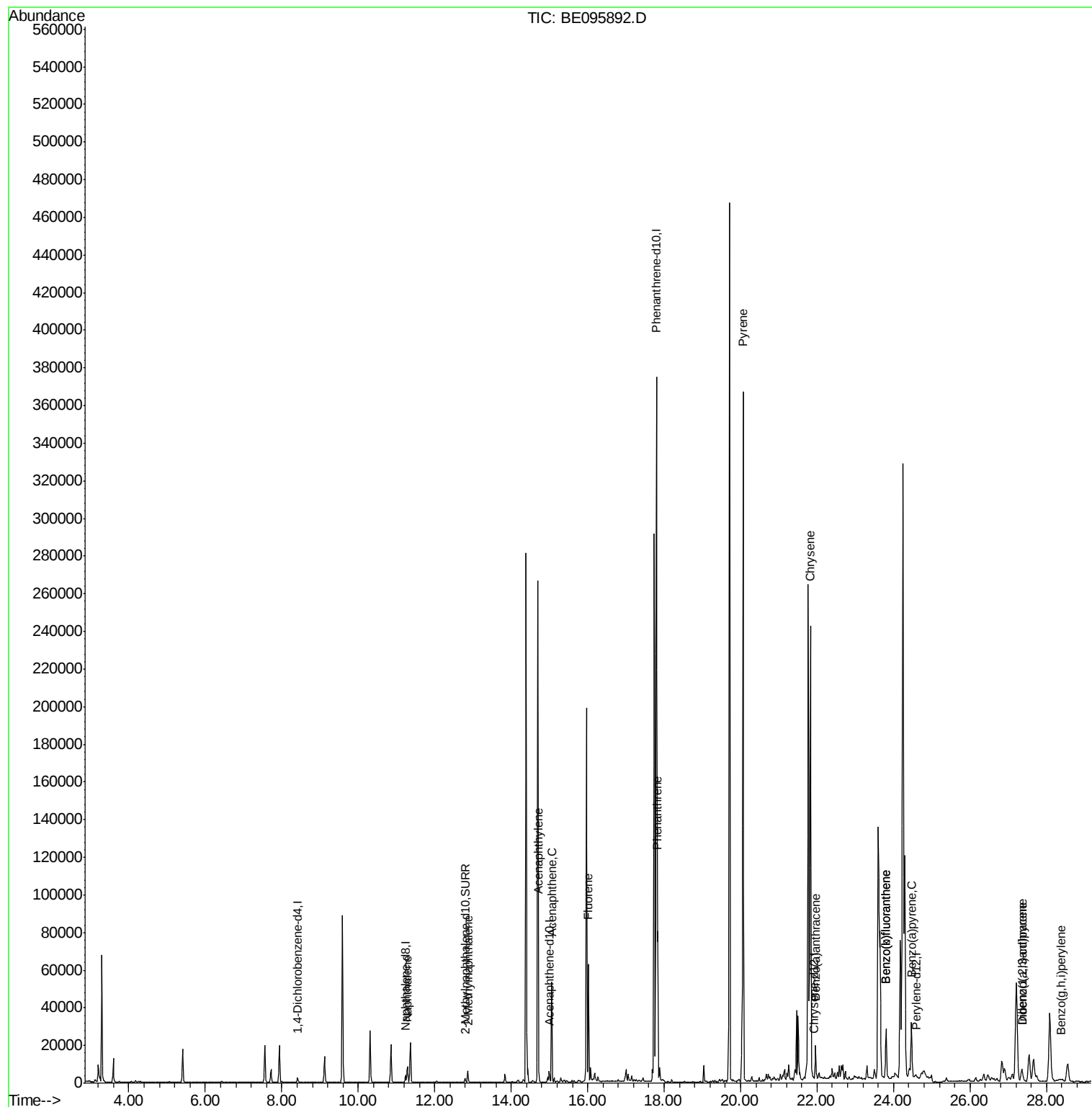
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1722	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4805	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	463142	0.40	ng/ul	0.10
16) Chrysene-d12	21.92	240	75	0.40	ng/ul	0.13
20) Perylene-d12	24.59	264	1047	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2355	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.28	128	11184	0.834	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	4805	0.515	ng/ul	99
7) Acenaphthylene	14.72	152	554	0.033	ng/ul#	25
8) Acenaphthene	15.06	153	31382	2.498	ng/ul	96
9) Fluorene	16.02	166	39741	2.915	ng/ul#	90
12) Phenanthrene	17.83	178	97506	0.070	ng/ul#	88
17) Pyrene	20.06	202	491802	1726.924	ng/ul#	79
18) Benzo(a)anthracene	21.96	228	13947	57.634	ng/ul#	54
19) Chrysene	21.83	228	243062	986.474	ng/ul	98
21) Benzo(b)fluoranthene	23.81	252	36408	10.039	ng/ul	89
22) Benzo(k)fluoranthene	23.81	252	36408	10.560	ng/ul#	91
23) Benzo(a)pyrene	24.47	252	43141	13.029	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.36	276	3068	0.836	ng/ul#	84
25) Dibenzo(a,h)anthracene	27.36	278	10970	3.737	ng/ul	95
26) Benzo(g,h,i)perylene	28.38	276	2082	0.660	ng/ul#	47

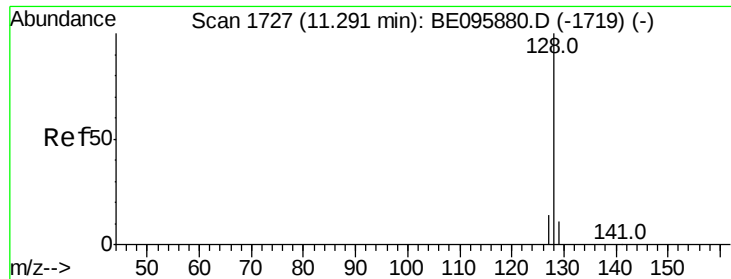
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.834 ng/ul

RT: 11.28 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :

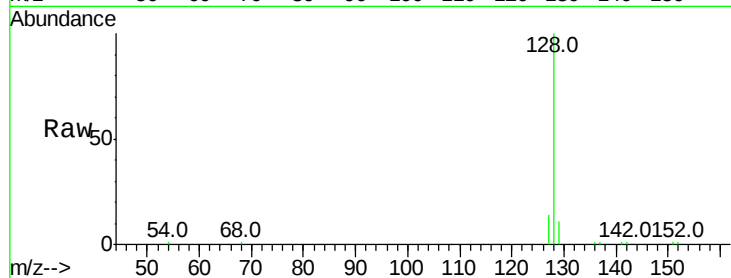
Tot Ion:128 Resp: 11184

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

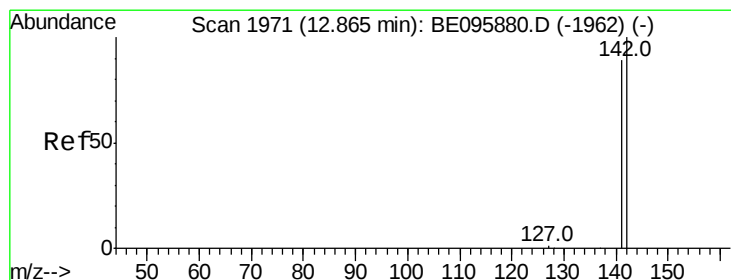
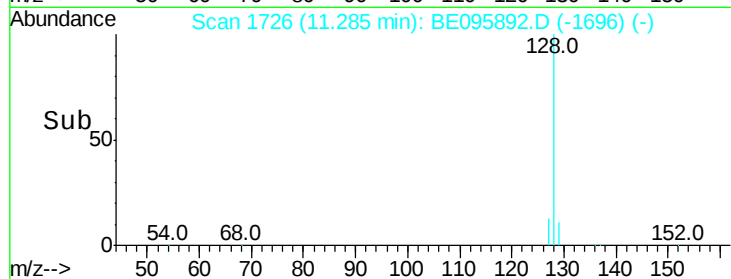
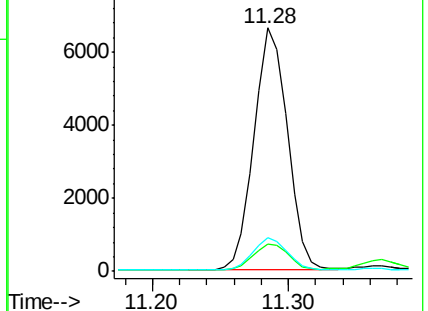
127 14.0 4.0 6.0#



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: 0.515 ng/ul

RT: 12.87 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE095892.D

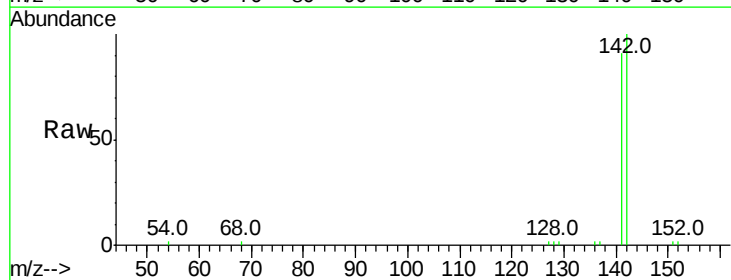
Acq: 29 Mar 2018 00:17

Tgt Ion:142 Resp: 4805

Ion Ratio Lower Upper

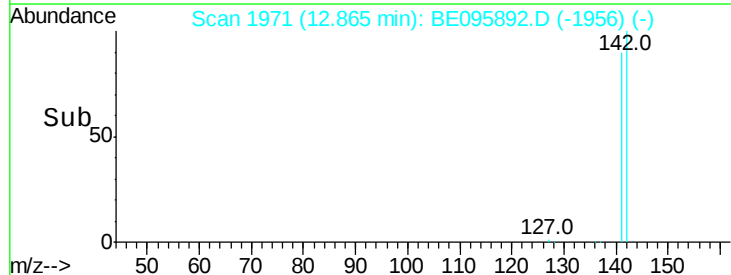
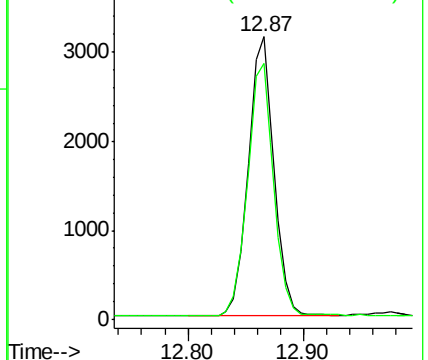
142 100

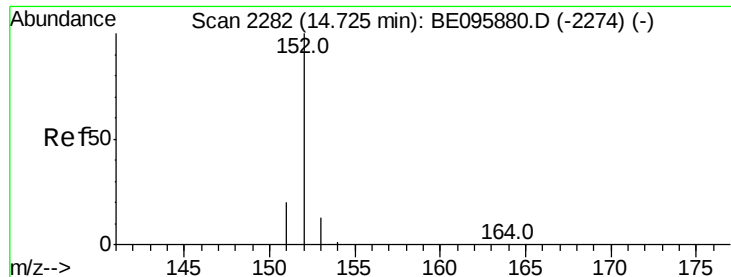
141 91.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.72 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :

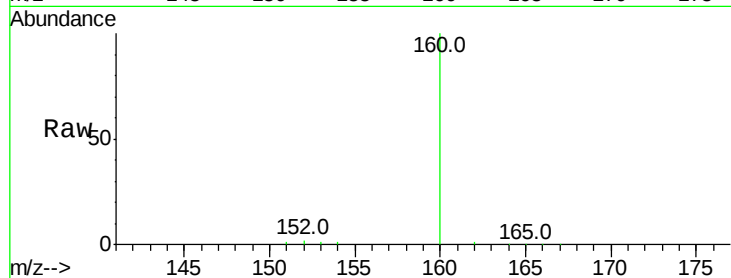
Tot Ion:152 Resp: 554

Ion Ratio Lower Upper

152 100

151 38.1 17.1 25.7#

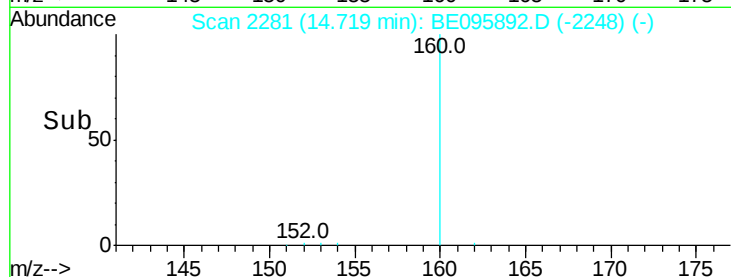
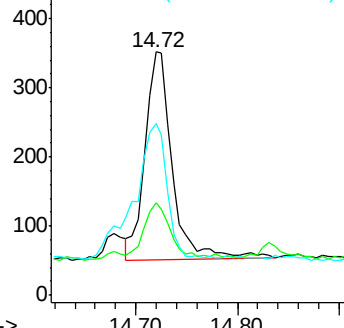
153 70.5 12.8 19.2#



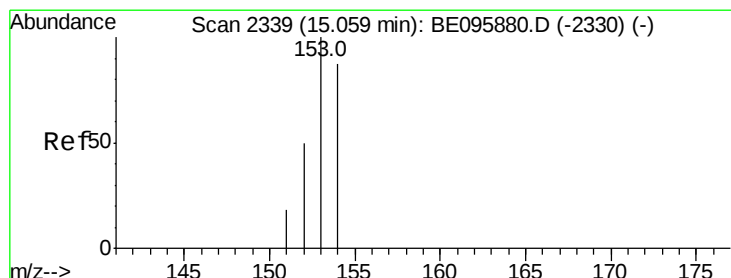
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 2.498 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

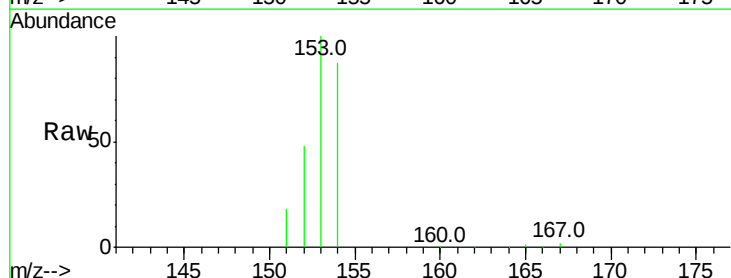
Tgt Ion:153 Resp: 31382

Ion Ratio Lower Upper

153 100

152 47.9 36.0 54.0

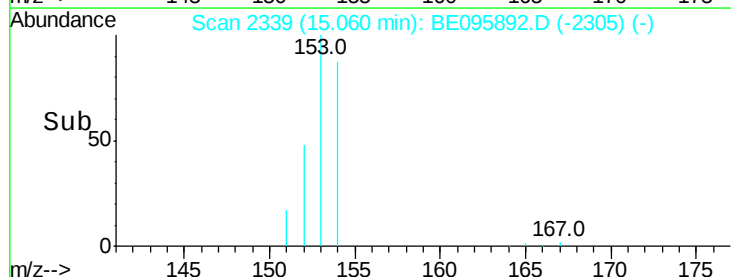
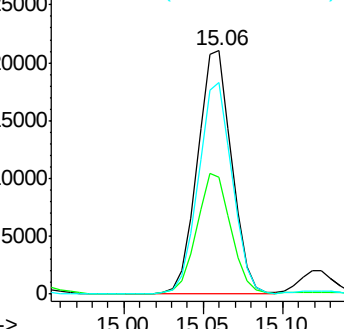
154 86.9 72.0 108.0



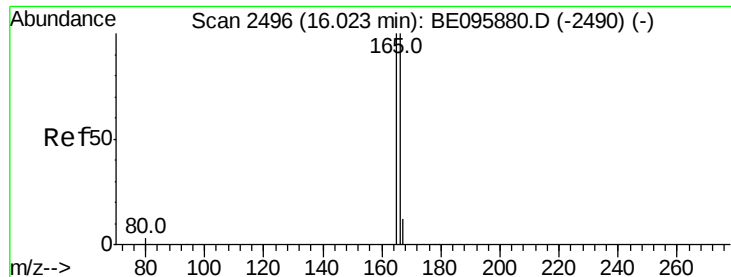
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 2.915 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :

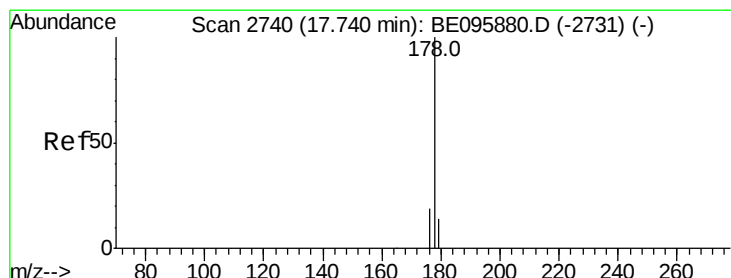
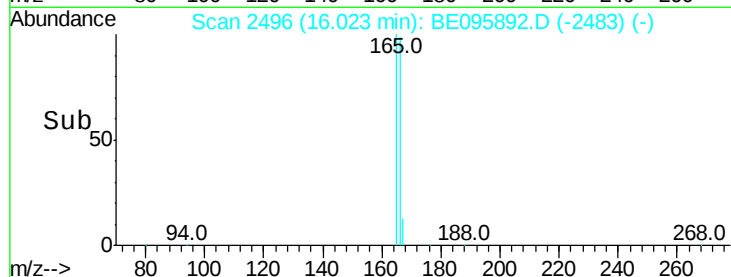
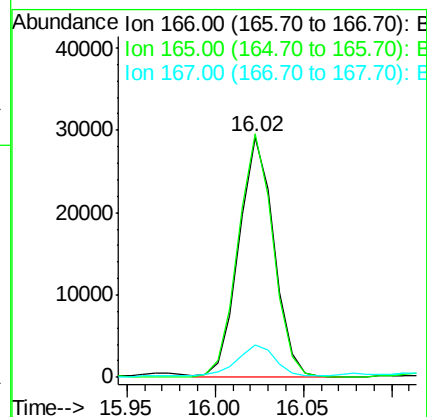
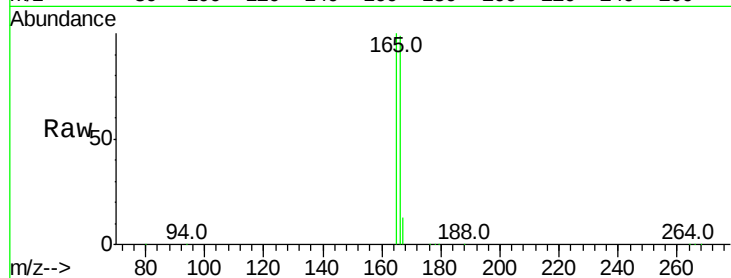
Tot Ion:166 Resp: 39741

Ion Ratio Lower Upper

166 100

165 101.4 73.4 110.2

167 13.6 14.6 22.0#



#12

Phenanthrene

Concen: 0.070 ng/ul

RT: 17.83 min Scan# 2753

Delta R.T. 0.09 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

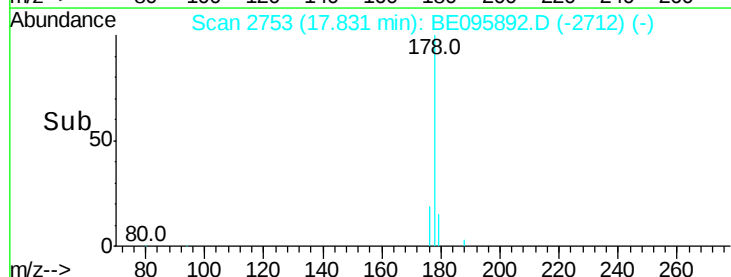
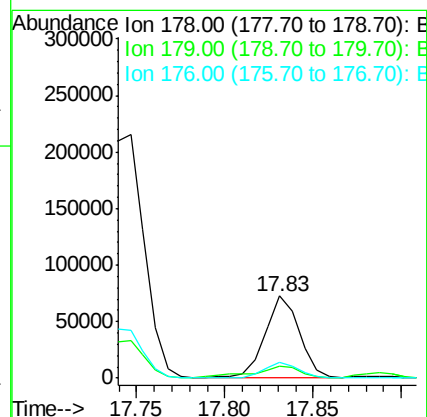
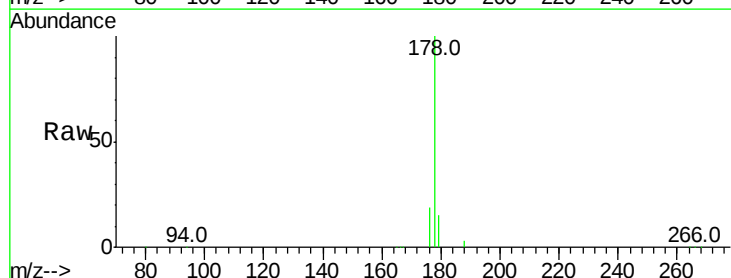
Tgt Ion:178 Resp: 97506

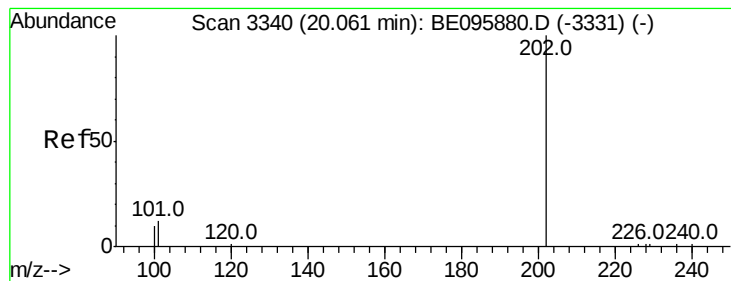
Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

176 19.5 13.6 20.4





#17

Pvrene

Concen: 1726.924 ng/ul

RT: 20.06 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :

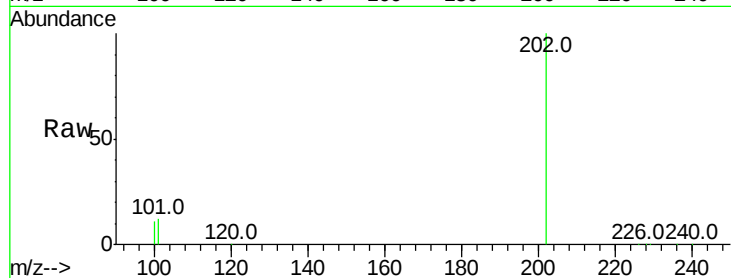
Tot Ion:202 Resp: 491802

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

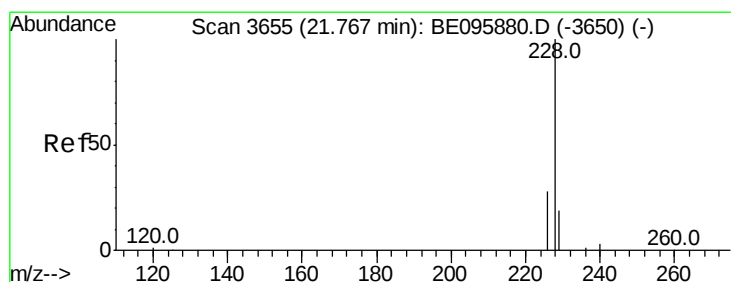
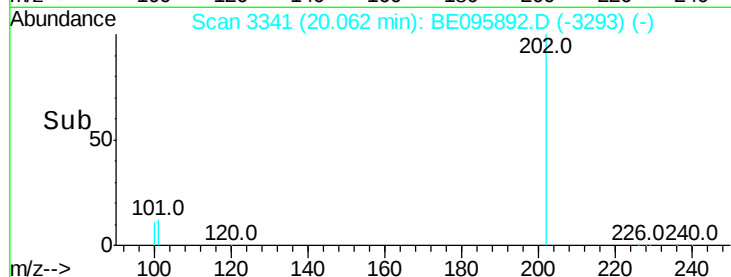
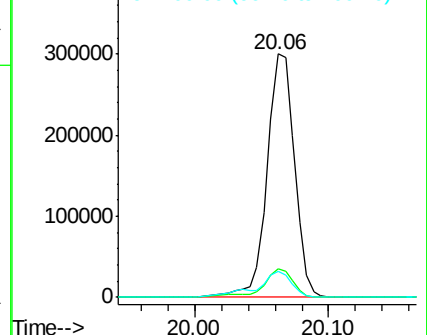
100 10.6 15.6 23.4#



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: 57.634 ng/ul

RT: 21.96 min Scan# 3684

Delta R.T. 0.20 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

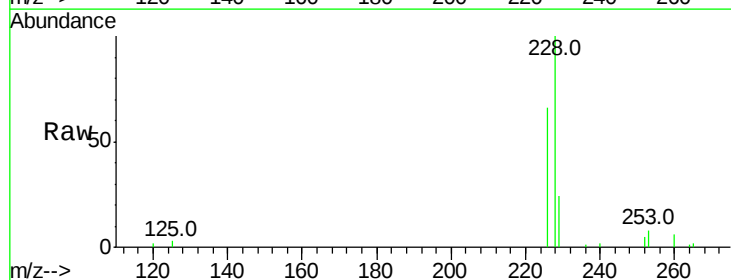
Tgt Ion:228 Resp: 13947

Ion Ratio Lower Upper

228 100

229 23.5 22.8 34.2

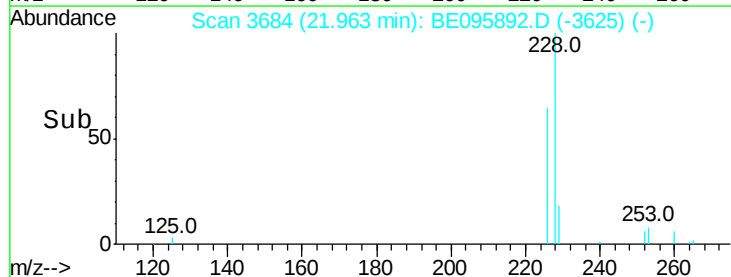
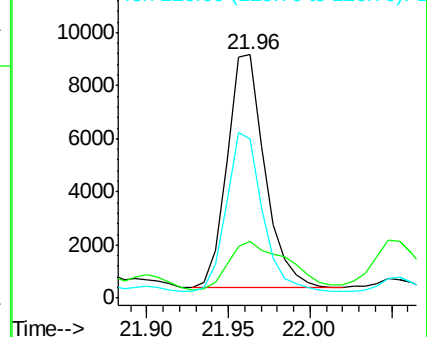
226 65.6 17.0 25.6#

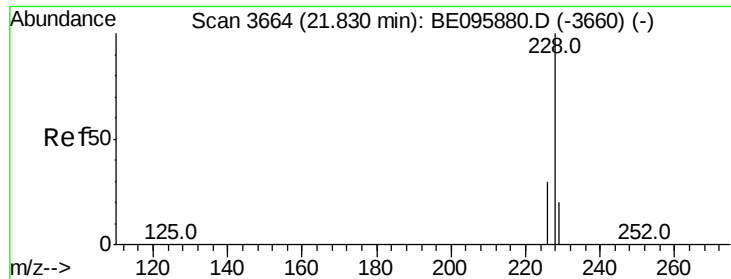


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 986.474 ng/ul

RT: 21.83 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :

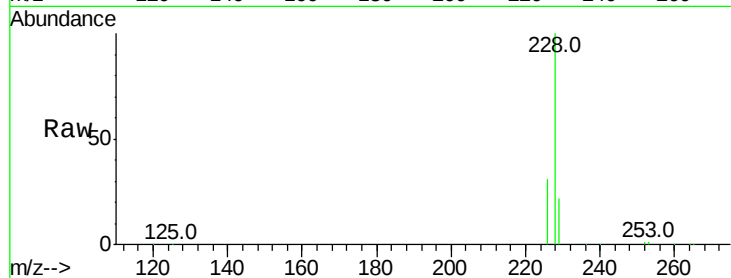
Tot Ion:228 Resp: 243062

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

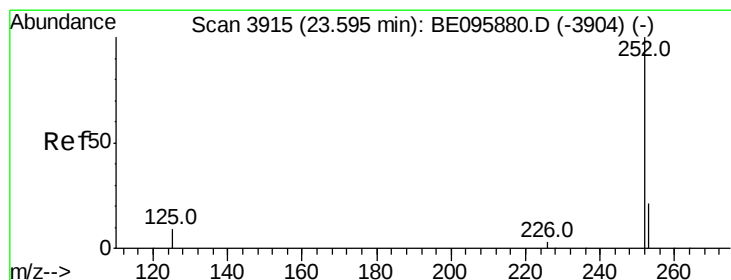
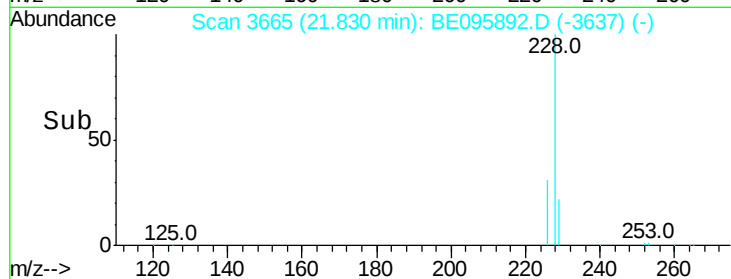
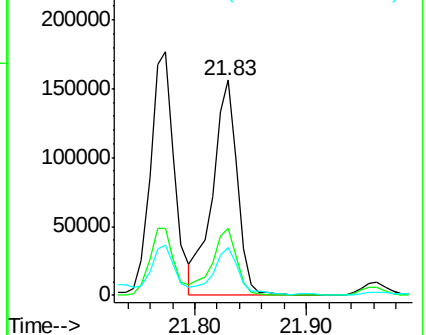
229 22.1 17.7 26.5



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: 10.039 ng/ul

RT: 23.81 min Scan# 3946

Delta R.T. 0.21 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

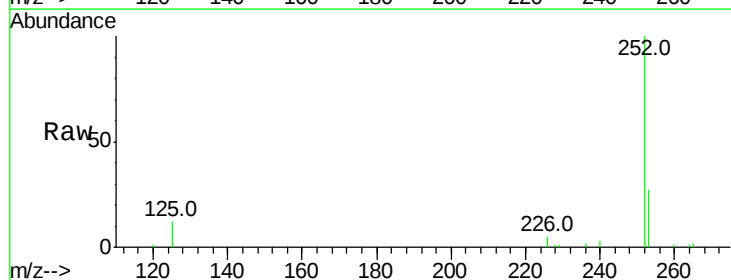
Tgt Ion:252 Resp: 36408

Ion Ratio Lower Upper

252 100

253 26.5 0.0 64.2

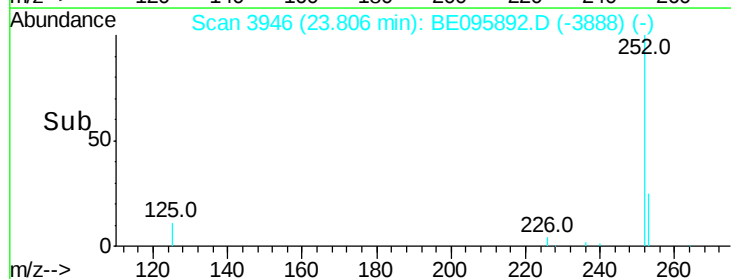
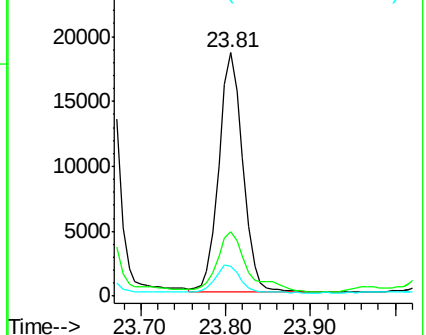
125 12.3 0.0 35.0

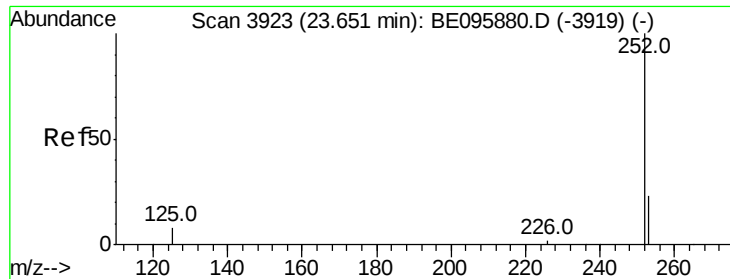


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 10.560 ng/ul

RT: 23.81 min Scan# 3946

Delta R.T. 0.15 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :

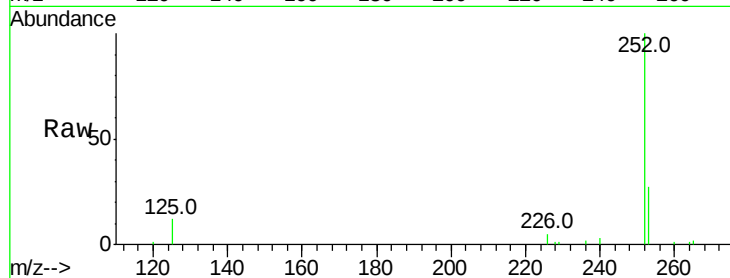
Tot Ion:252 Resp: 36408

Ion Ratio Lower Upper

252 100

253 26.5 24.5 36.7

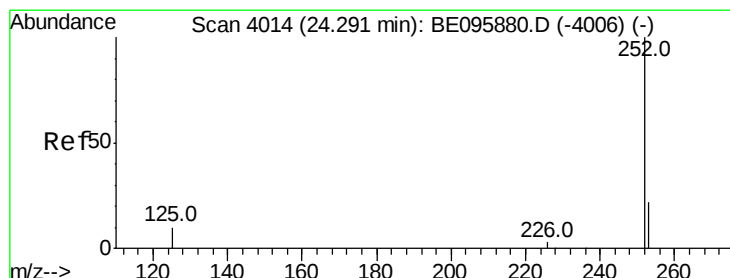
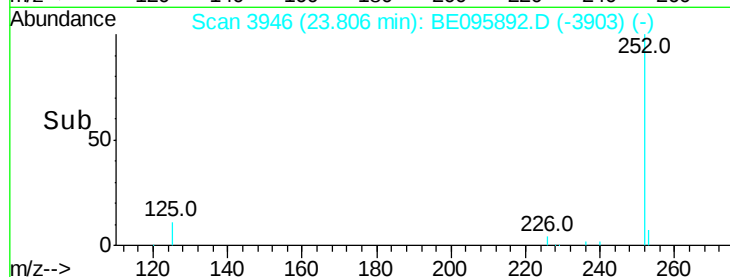
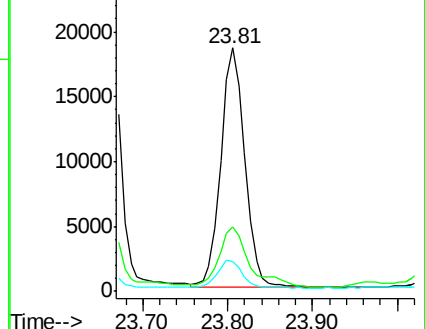
125 12.3 13.7 20.5#



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

Benzo(a)pyrene

Concen: 13.029 ng/ul

RT: 24.47 min Scan# 4041

Delta R.T. 0.18 min

Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

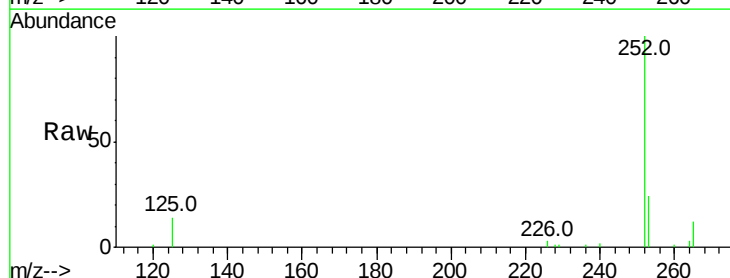
Tgt Ion:252 Resp: 43141

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

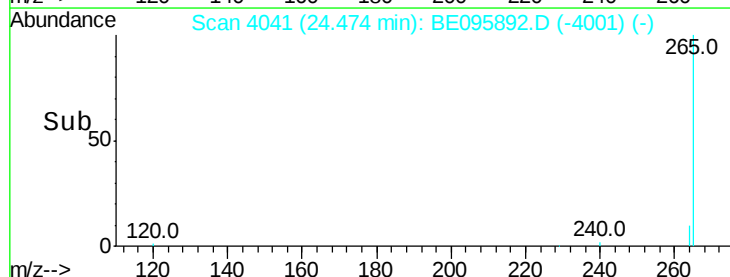
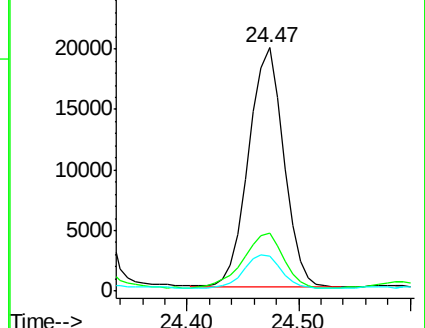
125 14.4 18.1 27.1#

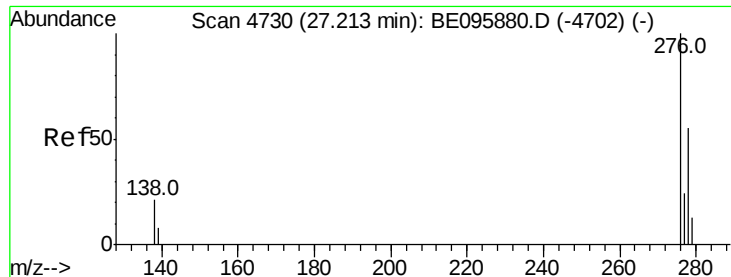


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



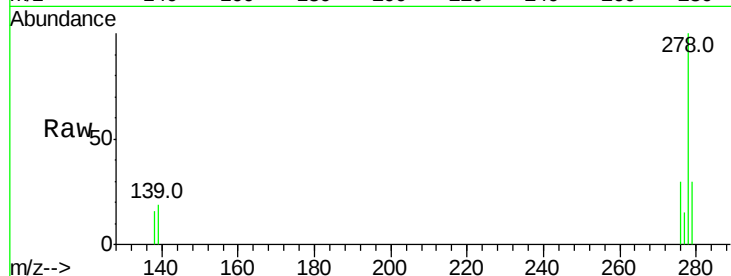


#24

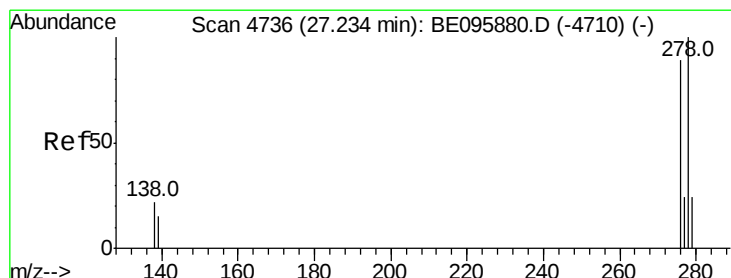
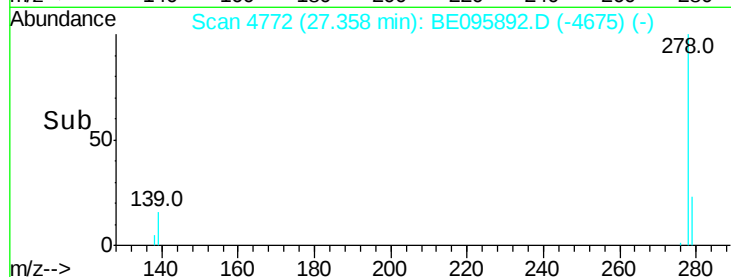
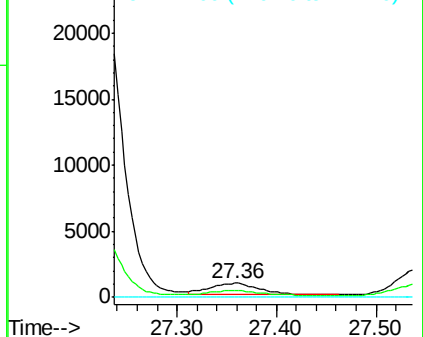
Indeno(1,2,3-cd)pyrene
Concen: 0.836 ng/ul
RT: 27.36 min Scan# 4772
Delta R.T. 0.15 min
Lab File: BE095892.D
Acq: 29 Mar 2018 00:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 3068
Ion Ratio Lower Upper
276 100
138 42.8 28.0 42.0#
227 0.0 8.0 12.0#



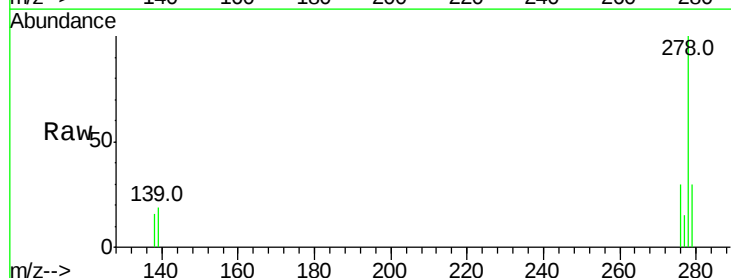
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



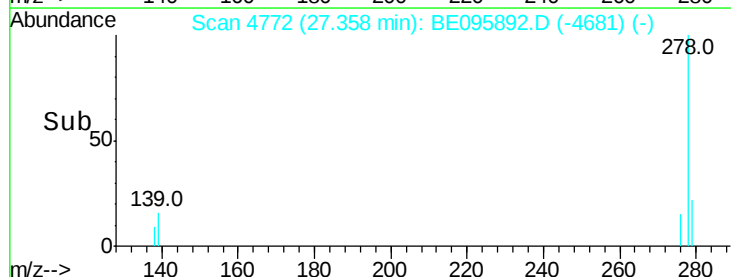
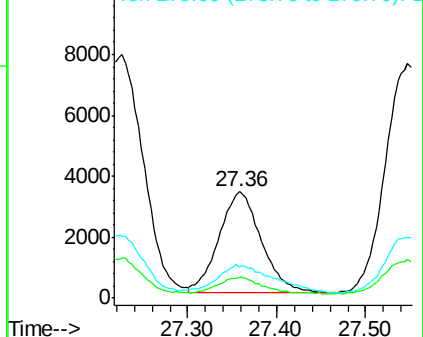
#25

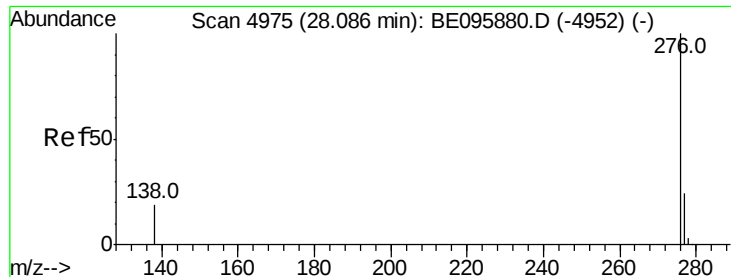
Dibenzo(a,h)anthracene
Concen: 3.737 ng/ul
RT: 27.36 min Scan# 4772
Delta R.T. 0.12 min
Lab File: BE095892.D
Acq: 29 Mar 2018 00:17

Tgt Ion:278 Resp: 10970
Ion Ratio Lower Upper
278 100
139 19.5 17.4 26.0
279 29.6 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: 0.660 ng/ul

RT: 28.38 min Scan# 5058

Delta R.T. 0.29 min

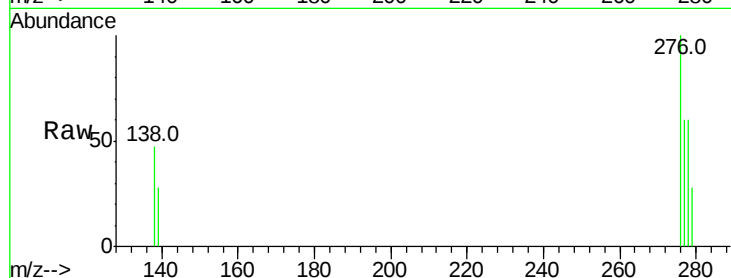
Lab File: BE095892.D

Acq: 29 Mar 2018 00:17

Instrument :

BNA_E

ClientSampleId :



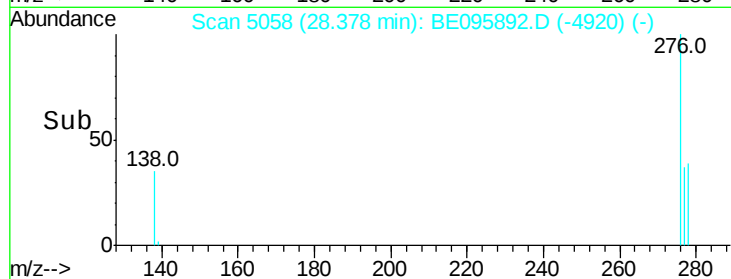
Tot Ion: 276 Resp: 2082

Ion Ratio Lower Upper

276 100

138 47.0 21.8 32.8#

277 60.4 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

