

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\
 Data File : BE095341.D
 Acq On : 1 Feb 2018 5:30
 Operator : SJ/JU
 Sample : J1245-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B68

Quant Time: Feb 01 06:28:10 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 06:27:03 2018
 Response via : Initial Calibration

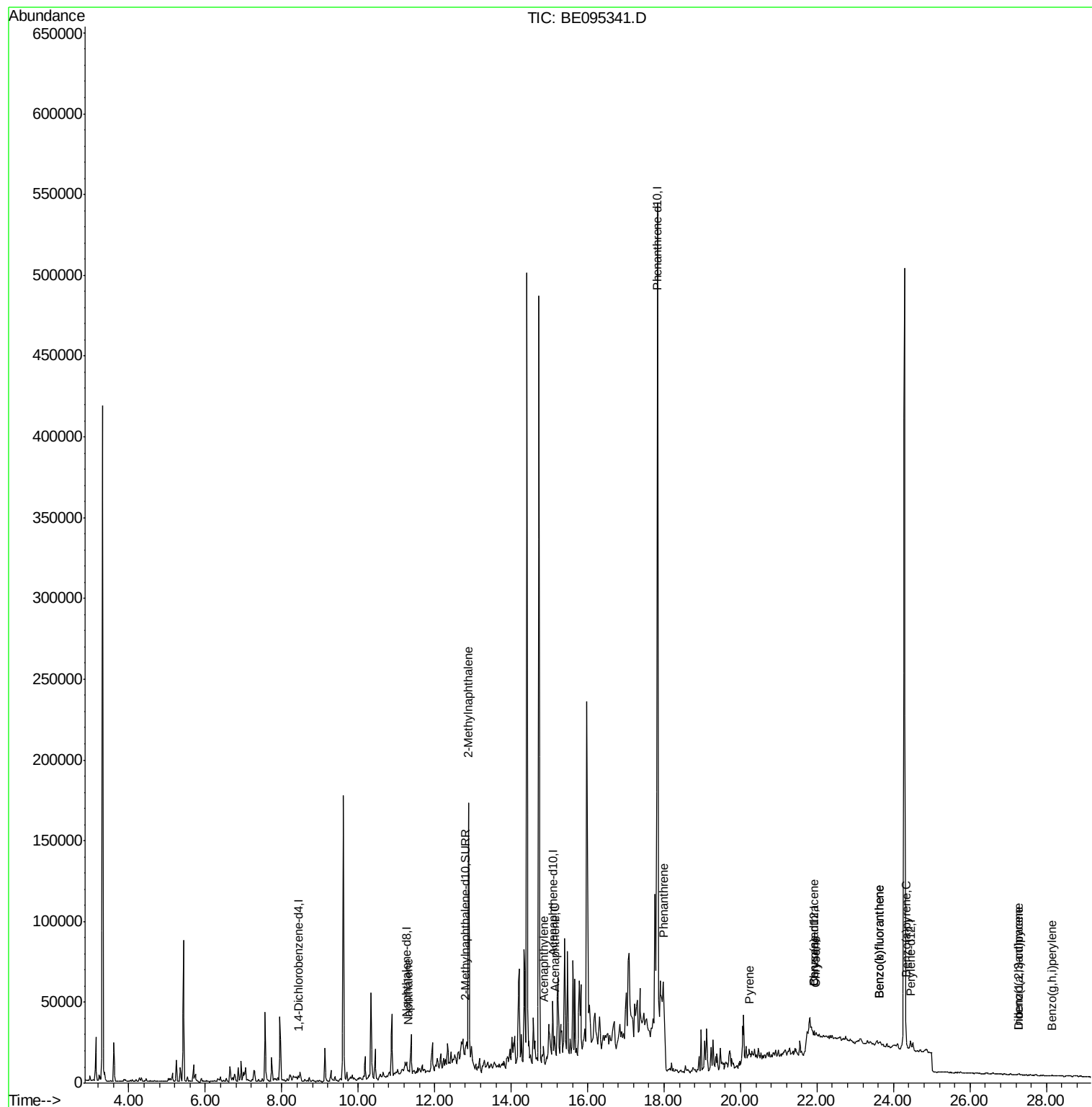
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2276	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7187	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.09	164	609	0.40	ng/ul	0.07
10) Phenanthrene-d10	17.82	188	757729	0.40	ng/ul	0.12
16) Chrysene-d12	21.92	240	275	0.40	ng/ul	0.12
20) Perylene-d12	24.45	264	11039	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	6027	0.51	ng/ul	0.00
14) Fluoranthene-d10	19.85	212	833	0.00	ng/ul	0.15
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	2756	0.137	ng/ul#	1
5) 2-Methylnaphthalene	12.89	142	131782	9.806	ng/ul	99
7) Acenaphthylene	14.85	152	6818	2.326	ng/ul#	1
8) Acenaphthene	15.14	153	6554	2.883	ng/ul#	53
12) Phenanthrene	17.98	178	86578	0.034	ng/ul#	1
17) Pyrene	20.23	202	6571	7.121	ng/ul#	82
18) Benzo(a)anthracene	21.92	228	897	1.043	ng/ul#	1
19) Chrysene	21.98	228	1487	1.666	ng/ul#	1
21) Benzo(b)fluoranthene	23.63	252	4131	0.106	ng/ul#	1
22) Benzo(k)fluoranthene	23.63	252	3726	0.105	ng/ul#	1
23) Benzo(a)pyrene	24.33	252	1737	0.050	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.26	276	858	0.022	ng/ul#	81
25) Dibenzo(a,h)anthracene	27.28	278	660	0.021	ng/ul#	1
26) Benzo(g,h,i)perylene	28.15	276	1116	0.035	ng/ul#	1

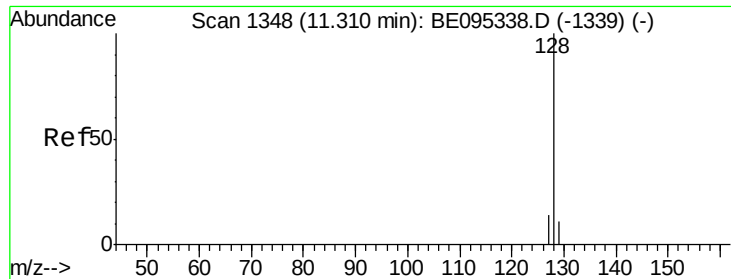
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.137 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

F6B68

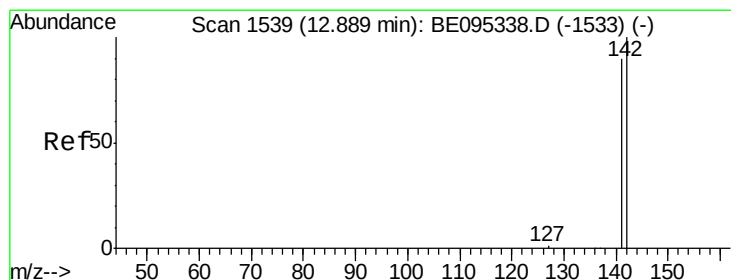
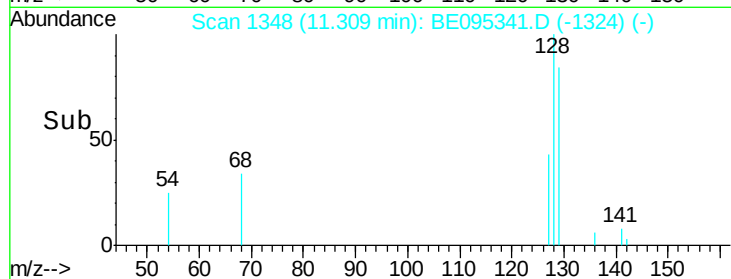
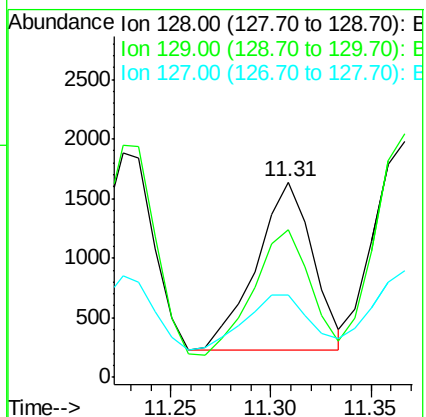
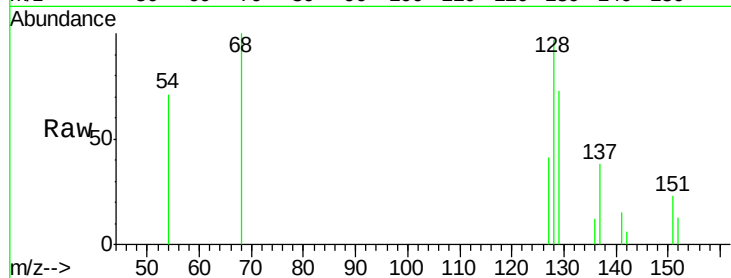
Tot Ion:128 Resp: 2756

Ion Ratio Lower Upper

128 100

129 75.8 11.3 16.9#

127 42.2 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 9.806 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095341.D

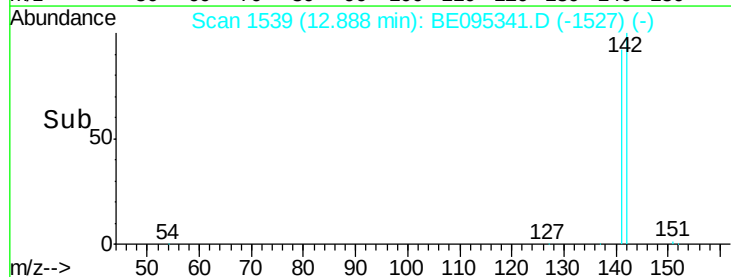
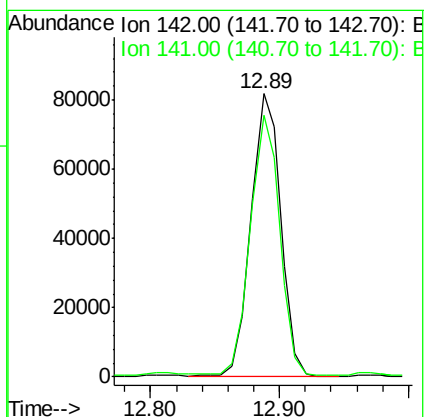
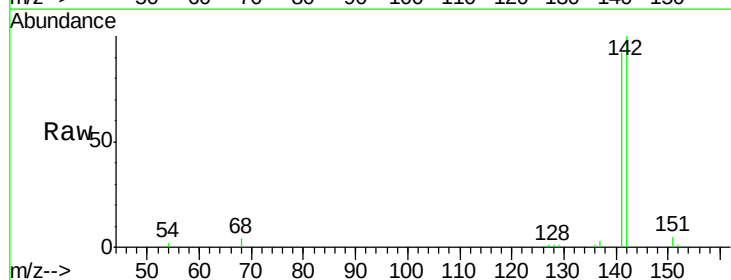
Acq: 1 Feb 2018 5:30

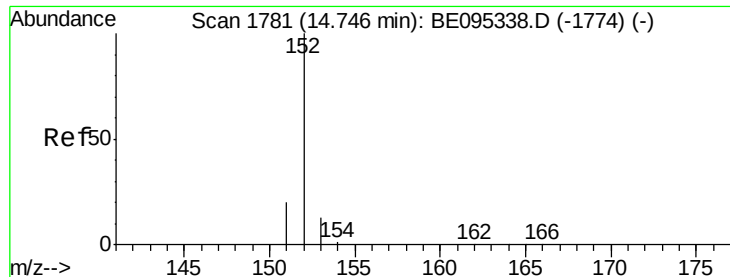
Tgt Ion:142 Resp: 131782

Ion Ratio Lower Upper

142 100

141 91.3 72.6 108.8





#7

Acenaphthylene

Concen: 2.326 ng/ul

RT: 14.85 min Scan# 1795

Delta R.T. 0.10 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

F6B68

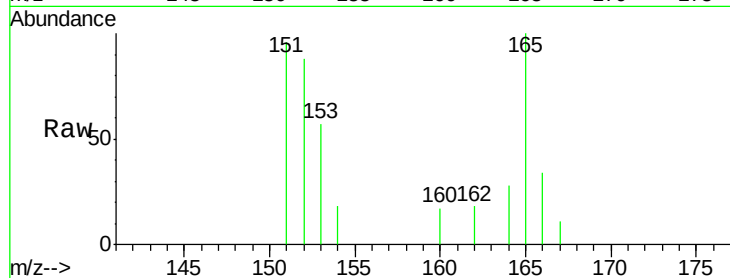
Tot Ion:152 Resp: 6818

Ion Ratio Lower Upper

152 100

151 109.0 17.1 25.7#

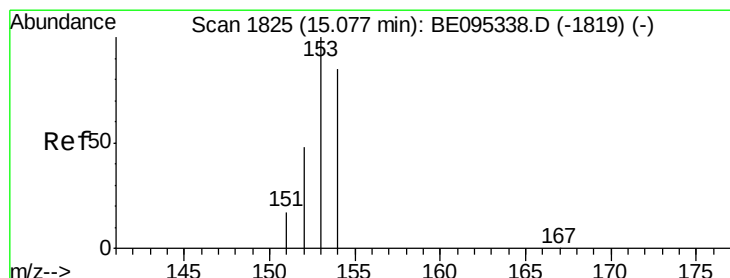
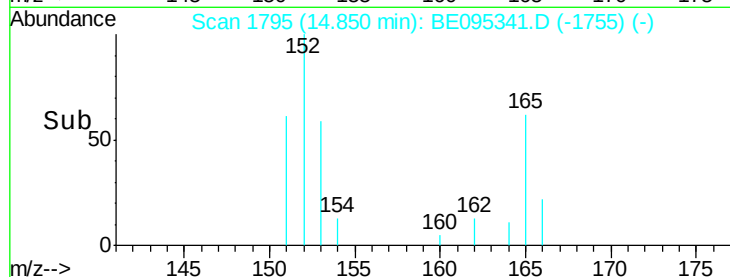
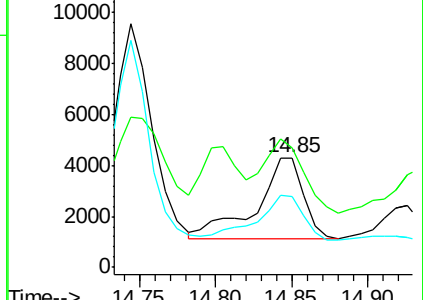
153 64.8 12.8 19.2#



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: 2.883 ng/ul

RT: 15.14 min Scan# 1833

Delta R.T. 0.06 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

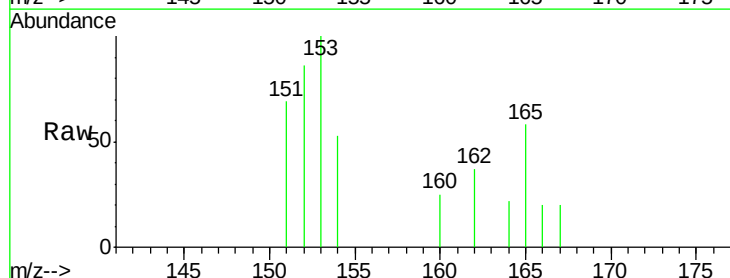
Tgt Ion:153 Resp: 6554

Ion Ratio Lower Upper

153 100

152 85.5 36.0 54.0#

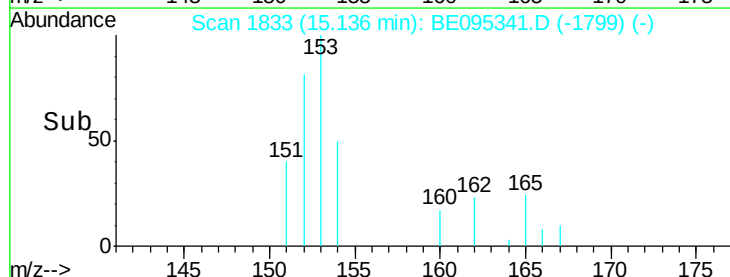
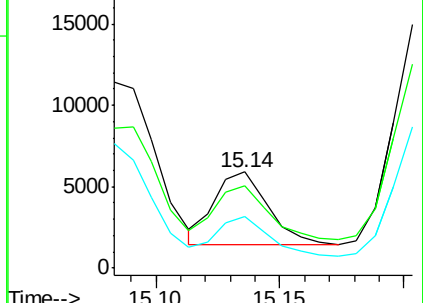
154 53.2 72.0 108.0#

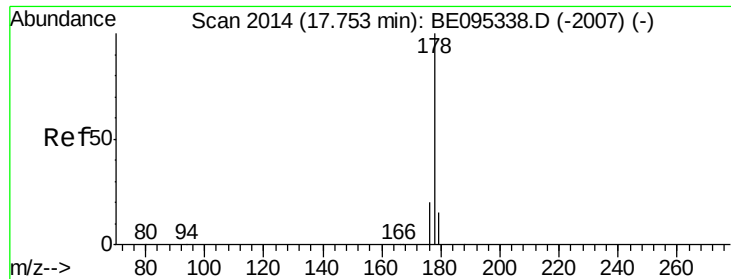


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Phenanthrene

Concen: 0.034 ng/ul

RT: 17.98 min Scan# 2024

Delta R.T. 0.23 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

F6B68

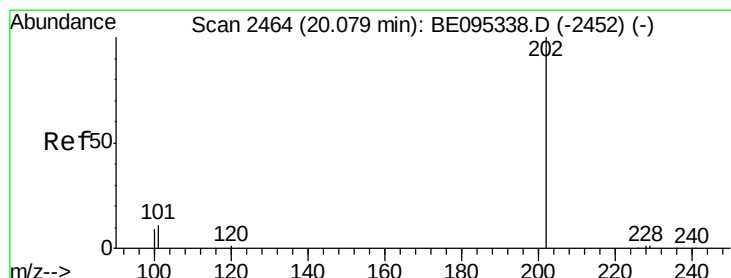
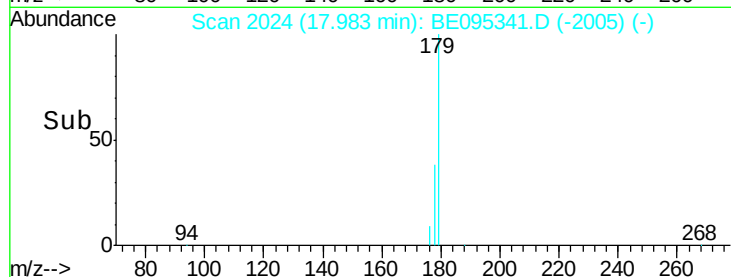
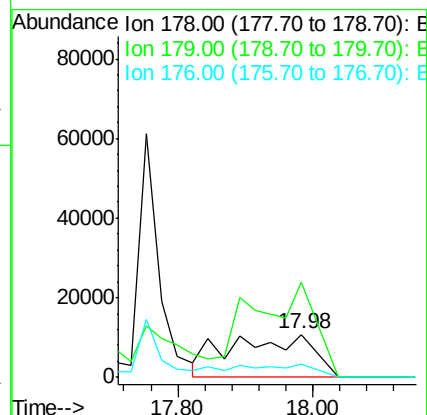
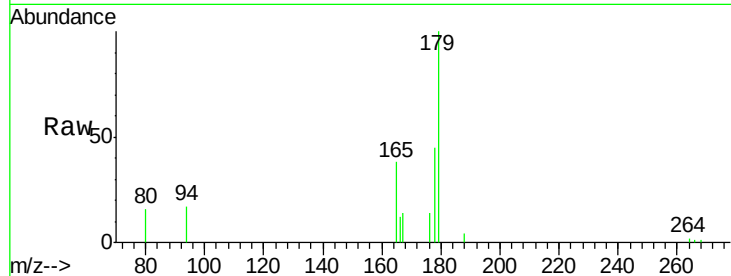
Tot Ion:178 Resp: 86578

Ion Ratio Lower Upper

178 100

179 223.1 18.4 27.6#

176 30.6 13.6 20.4#



#17

Pyrene

Concen: 7.121 ng/ul

RT: 20.23 min Scan# 2486

Delta R.T. 0.15 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

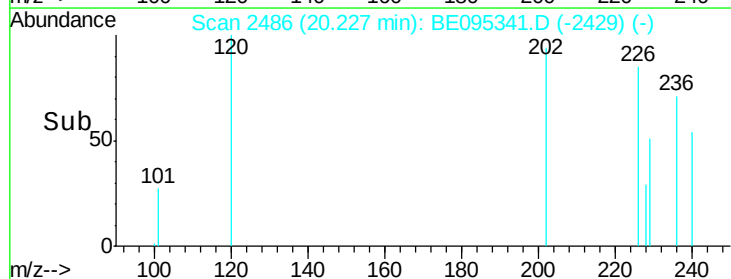
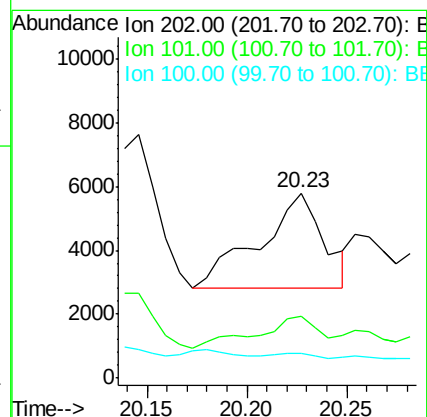
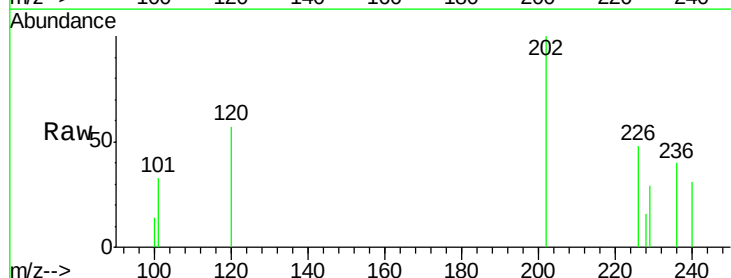
Tgt Ion:202 Resp: 6571

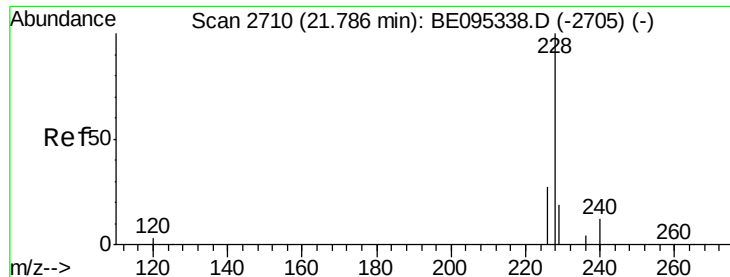
Ion Ratio Lower Upper

202 100

101 33.4 18.2 27.4#

100 13.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 1.043 ng/ul

RT: 21.92 min Scan# 2725

Delta R.T. 0.14 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

F6B68

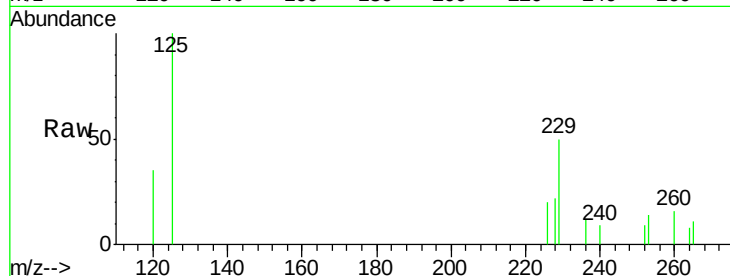
Tot Ion:228 Resp: 897

Ion Ratio Lower Upper

228 100

229 225.7 22.8 34.2#

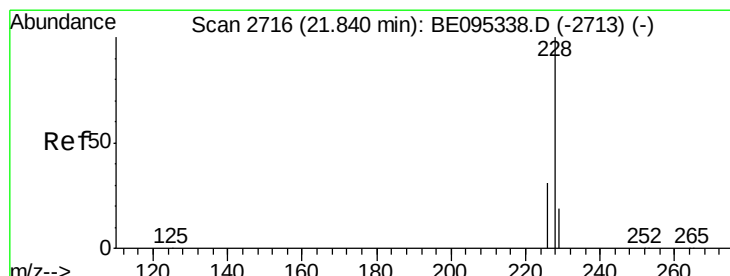
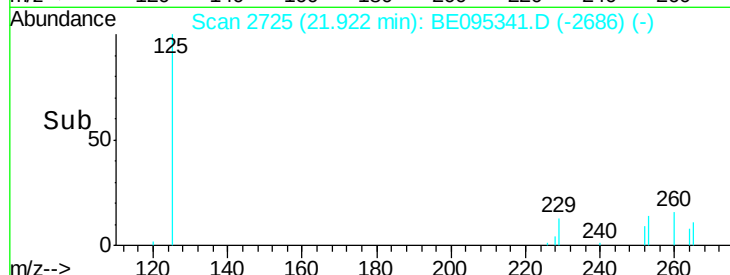
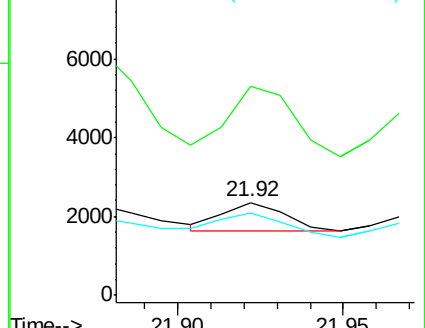
226 88.3 17.0 25.6#



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: 1.666 ng/ul

RT: 21.98 min Scan# 2731

Delta R.T. 0.14 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

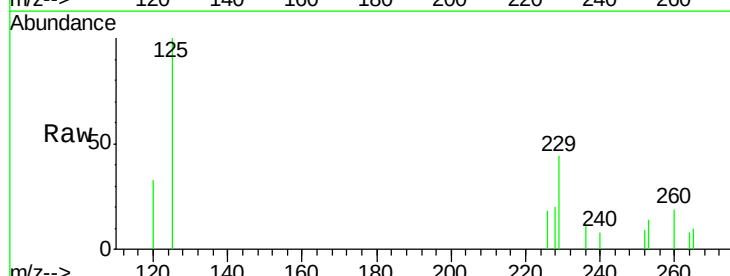
Tgt Ion:228 Resp: 1487

Ion Ratio Lower Upper

228 100

226 88.7 23.4 35.0#

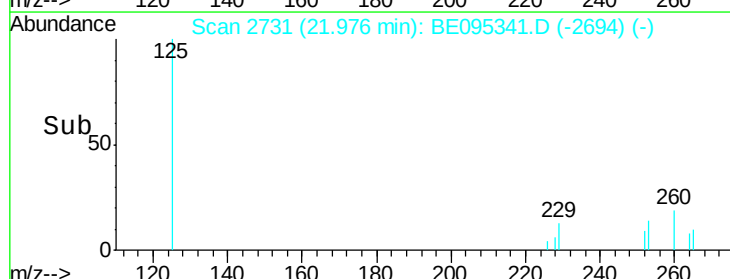
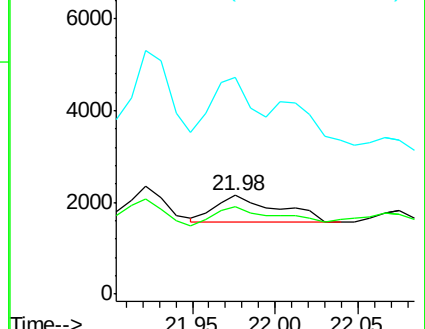
229 219.1 17.7 26.5#

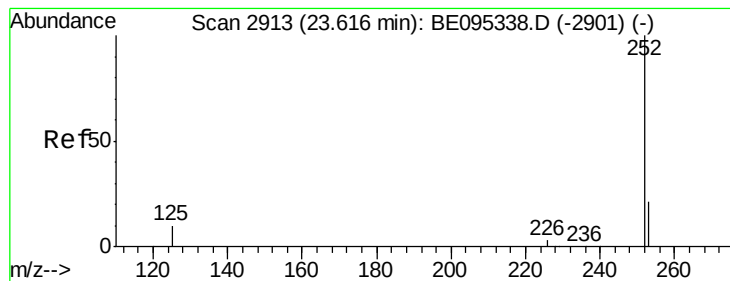


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.106 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

F6B68

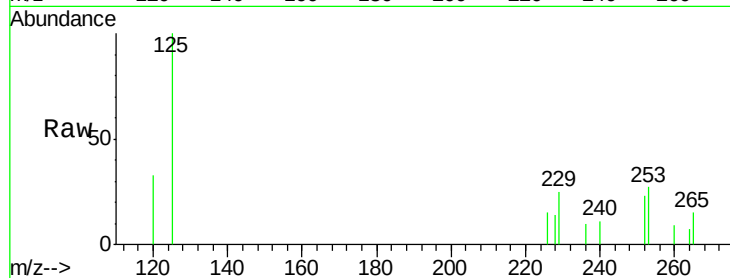
Tot Ion:252 Resp: 4131

Ion Ratio Lower Upper

252 100

253 114.2 0.0 64.2#

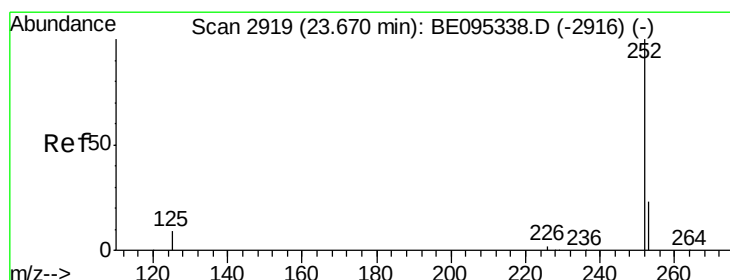
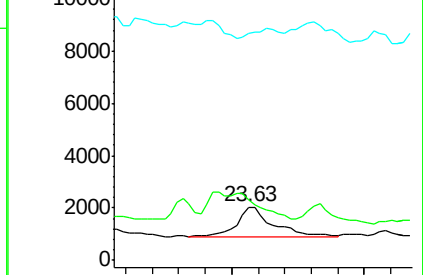
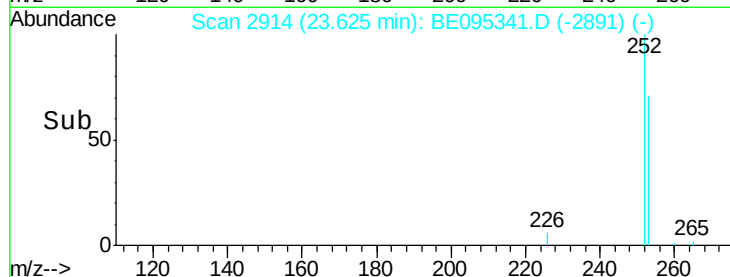
125 428.8 0.0 35.0#



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: 0.105 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. -0.04 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

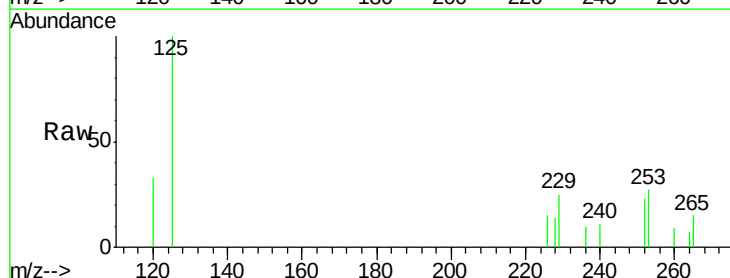
Tgt Ion:252 Resp: 3726

Ion Ratio Lower Upper

252 100

253 114.2 24.5 36.7#

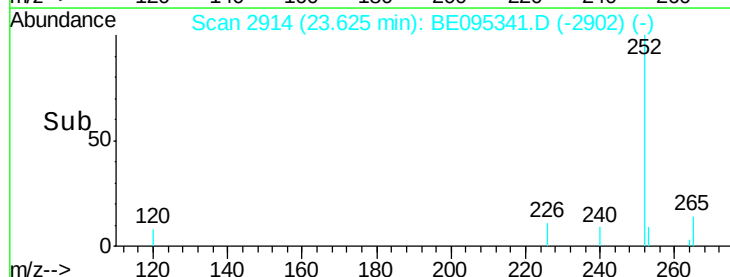
125 428.8 13.7 20.5#



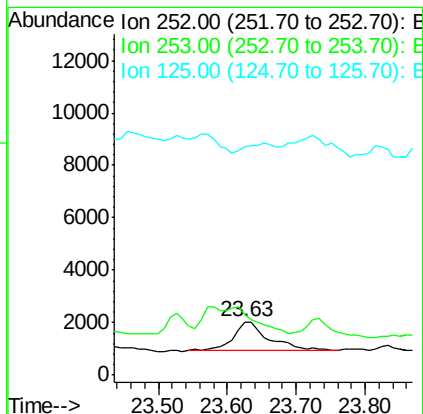
Abundance Ion 252.00 (251.70 to 252.70): E

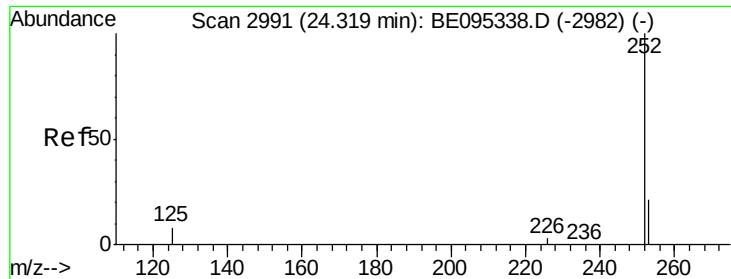
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.050 ng/ul

RT: 24.33 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

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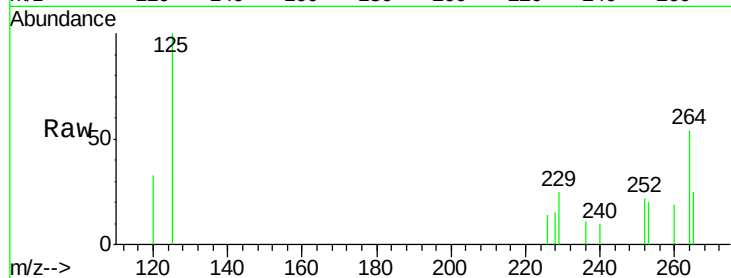
Tot Ion:252 Resp: 1737

Ion Ratio Lower Upper

252 100

253 91.0 28.5 42.7#

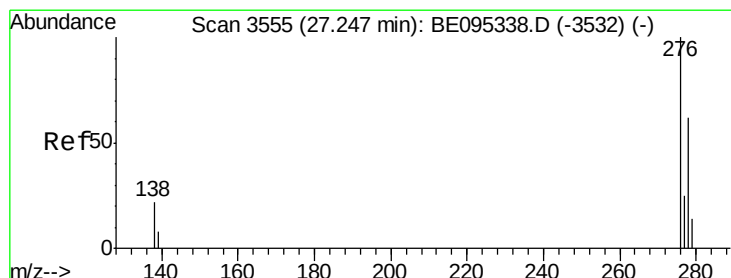
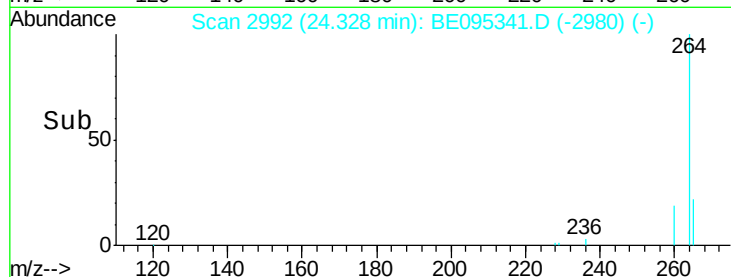
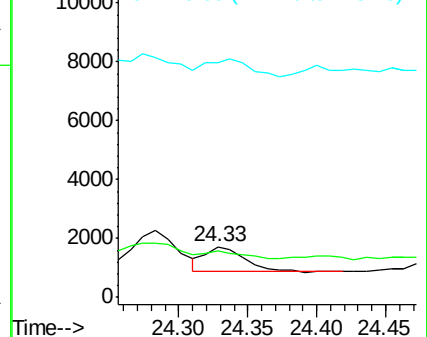
125 465.0 18.1 27.1#



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: 0.022 ng/ul

RT: 27.26 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

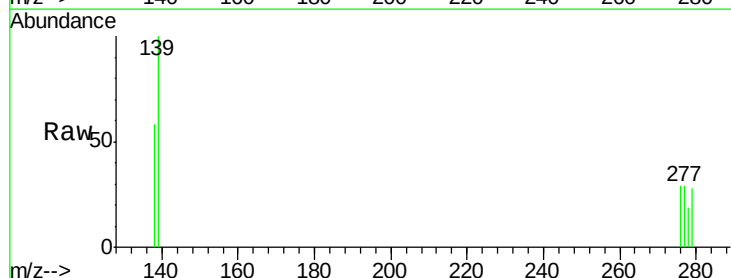
Tgt Ion:276 Resp: 858

Ion Ratio Lower Upper

276 100

138 25.3 28.0 42.0#

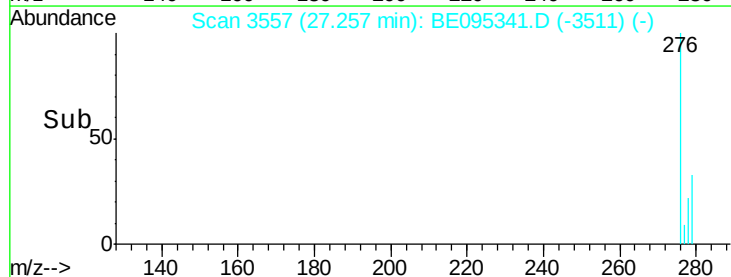
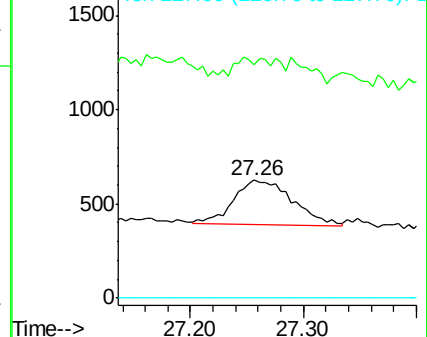
227 0.0 8.0 12.0#

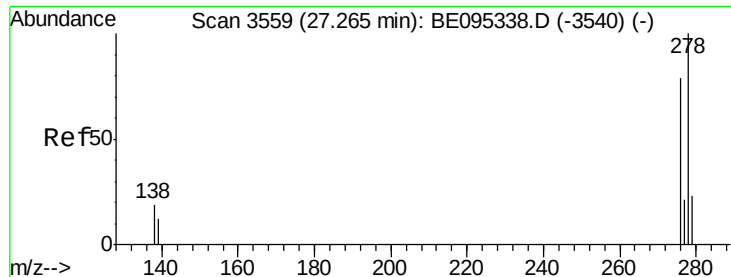


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 27.28 min Scan# 3562

Delta R.T. 0.01 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

Instrument :

BNA_E

ClientSampleId :

F6B68

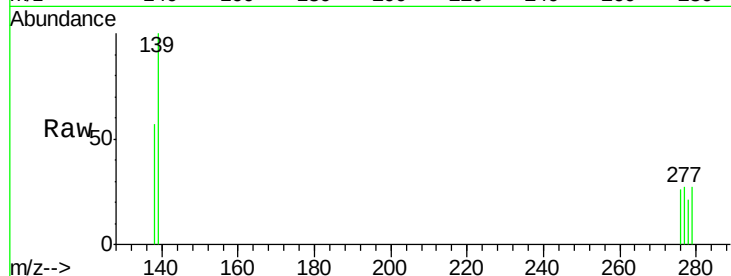
Tot Ion:278 Resp: 660

Ion Ratio Lower Upper

278 100

139 487.1 17.4 26.0#

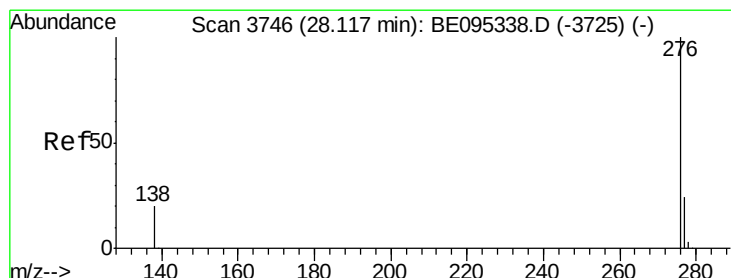
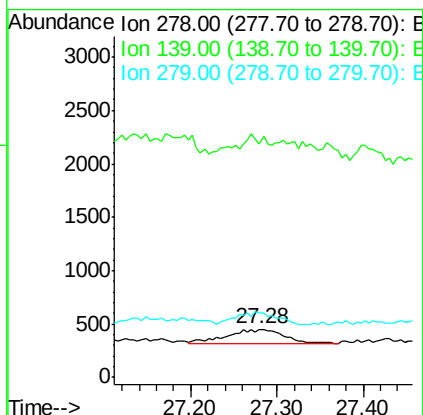
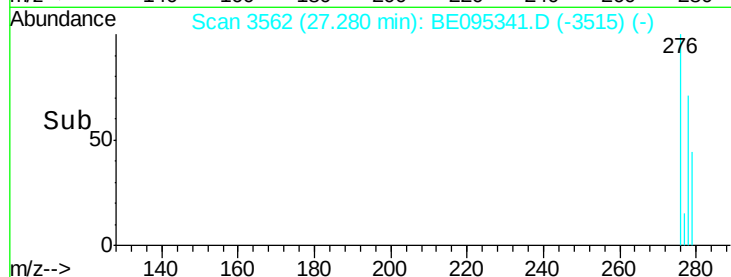
279 133.6 25.9 38.9#



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(g,h,i)perylene

Concen: 0.035 ng/ul

RT: 28.15 min Scan# 3752

Delta R.T. 0.03 min

Lab File: BE095341.D

Acq: 1 Feb 2018 5:30

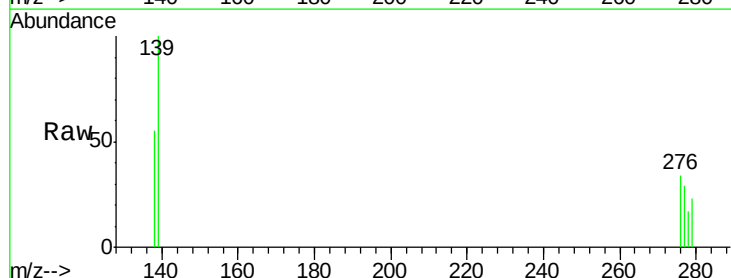
Tgt Ion:276 Resp: 1116

Ion Ratio Lower Upper

276 100

138 163.8 21.8 32.8#

277 86.2 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

