

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095200.D
 Acq On : 28 Jan 2018 11:05
 Operator : SJ/JU
 Sample : J1174-11DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 01:25:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 01:25:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3110	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10097	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6382	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13823	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	15217	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14801	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	906	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2753	0.05	ng/ul	0.00

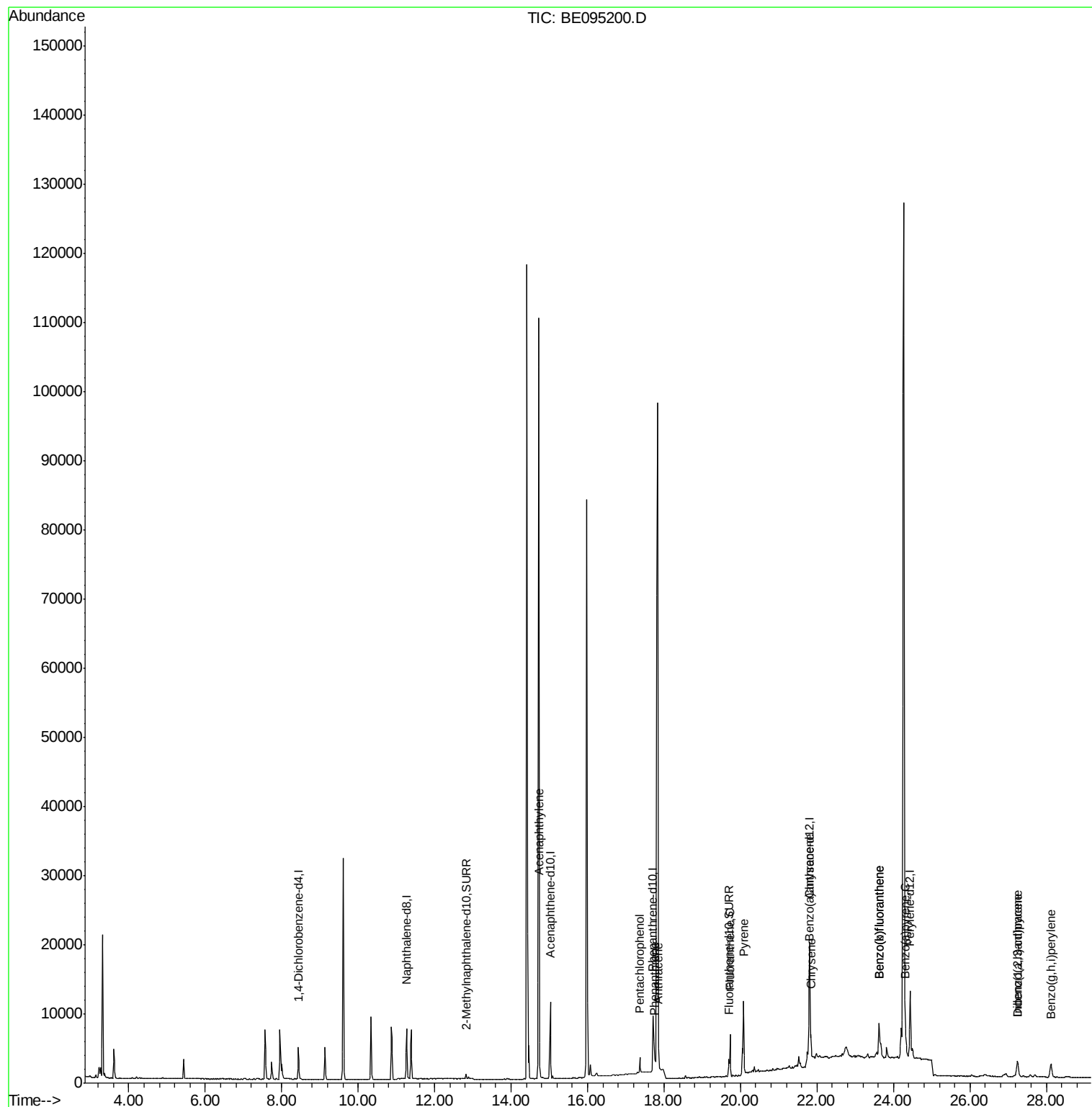
Target Compounds				Ovalue		
7) Acenaphthylene	14.75	152	1419	0.046	ng/ul#	89
11) Pentachlorophenol	17.36	266	1694	0.633	ng/ul	97
12) Phenanthrene	17.75	178	2009	0.043	ng/ul#	88
13) Anthracene	17.85	178	2701	0.063	ng/ul#	94
15) Fluoranthene	19.73	202	7026	0.117	ng/ul	83
17) Pyrene	20.08	202	11542	0.226	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	4101	0.086	ng/ul#	81
19) Chrysene	21.84	228	5293	0.107	ng/ul#	82
21) Benzo(b)fluoranthene	23.62	252	11780	0.226	ng/ul	90
22) Benzo(k)fluoranthene	23.62	252	11780	0.247	ng/ul#	91
23) Benzo(a)pyrene	24.32	252	5456	0.117	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.24	276	4530	0.089	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.24	278	971	0.023	ng/ul#	22
26) Benzo(g,h,i)perylene	28.12	276	4774	0.110	ng/ul	92

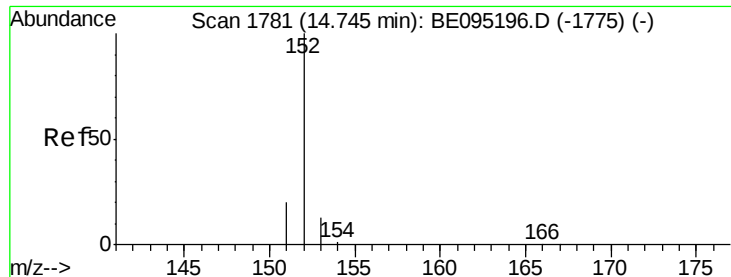
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095200.D

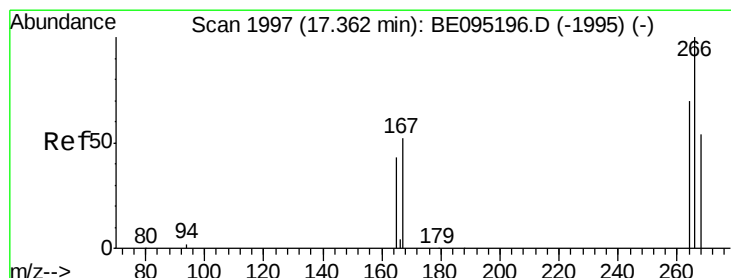
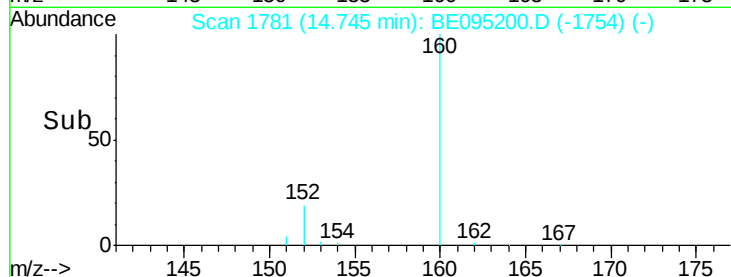
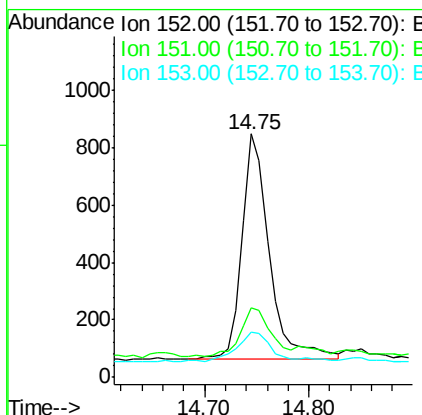
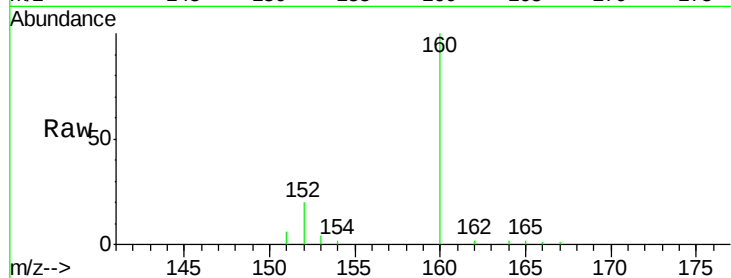
Acq: 28 Jan 2018 11:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	1419
Ion	Ratio	Lower	Upper
152	100		
151	28.8	17.1	25.7#
153	18.4	12.8	19.2



#11

Pentachlorophenol

Concen: 0.633 ng/ul

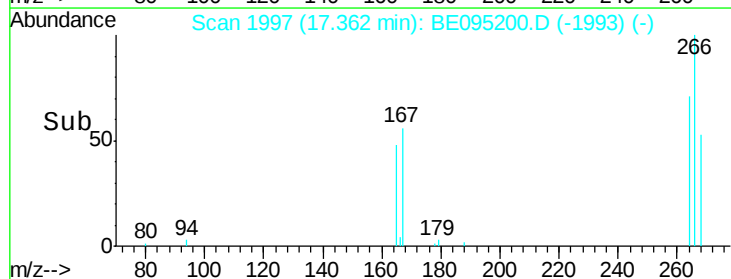
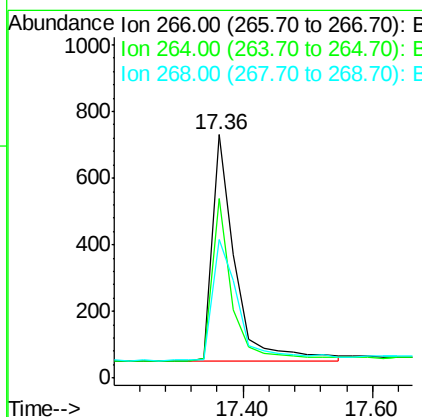
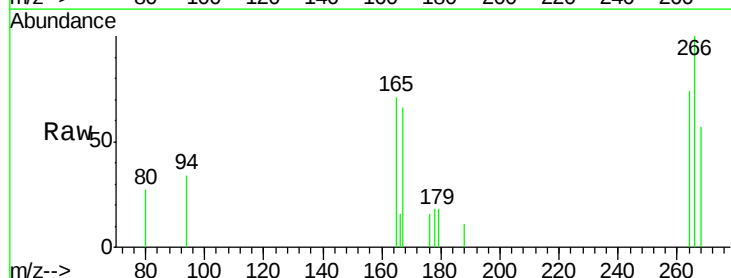
RT: 17.36 min Scan# 1997

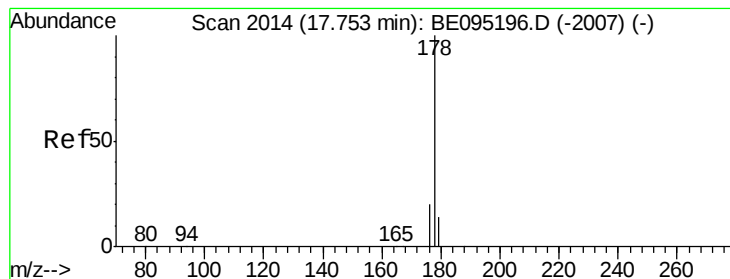
Delta R.T. 0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

Tgt Ion:	266	Resp:	1694
Ion	Ratio	Lower	Upper
266	100		
264	63.5	47.9	71.9
268	61.0	49.8	74.8





#12

Phenanthrene

Concen: 0.043 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

Instrument :

BNA_E

ClientSampleId :

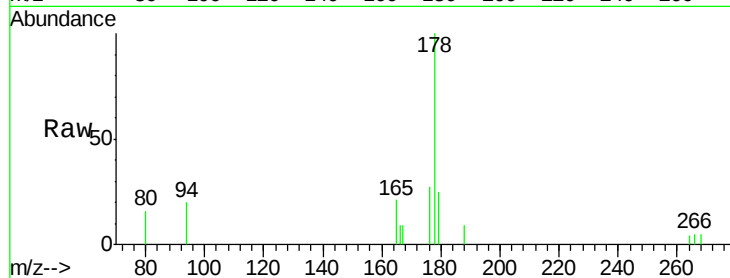
Tot Ion:178 Resp: 2009

Ion Ratio Lower Upper

178 100

179 24.9 18.4 27.6

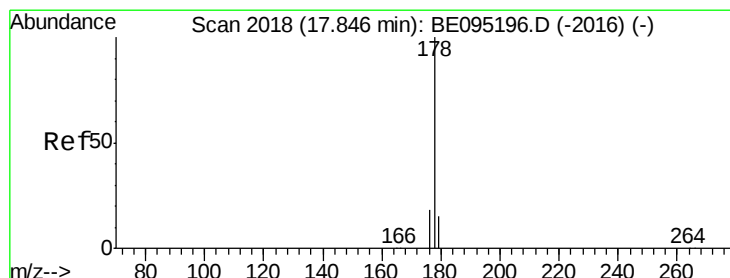
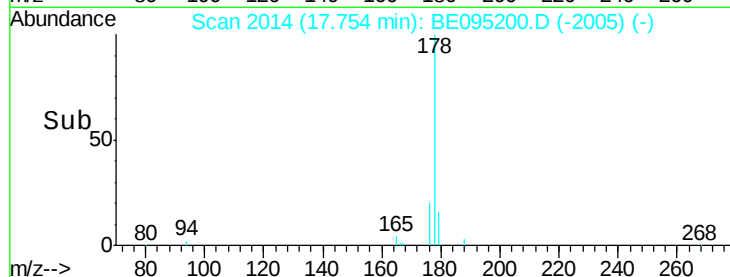
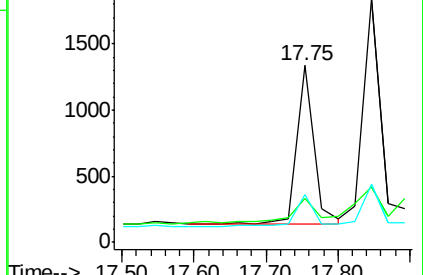
176 27.3 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.063 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

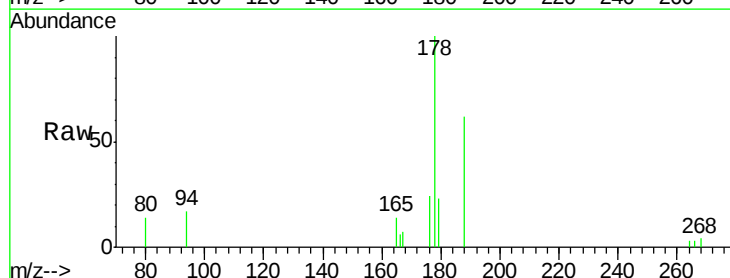
Tgt Ion:178 Resp: 2701

Ion Ratio Lower Upper

178 100

179 22.8 18.1 27.1

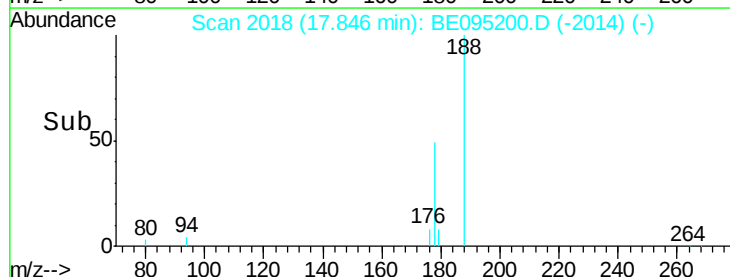
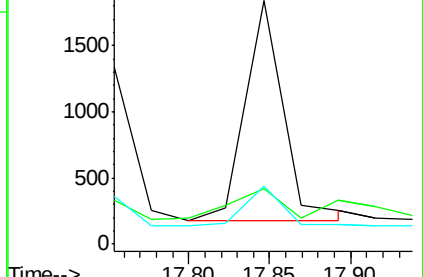
176 24.0 14.7 22.1#

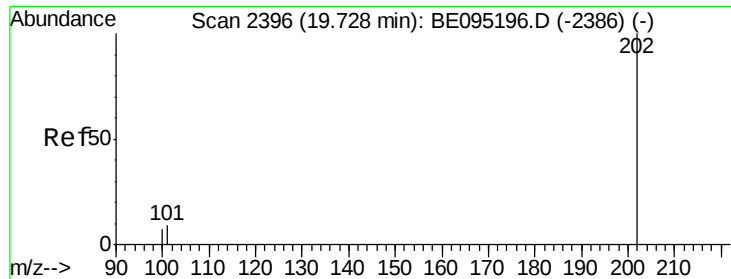


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.117 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

Instrument :

BNA_E

ClientSampleId :

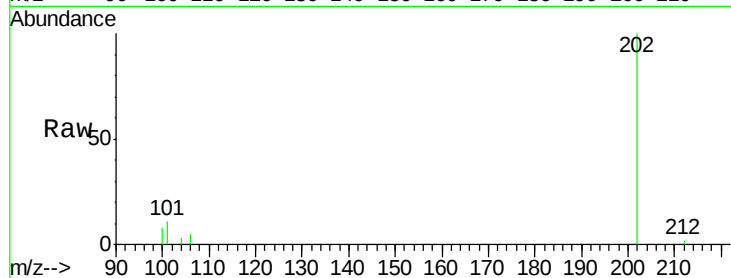
Tot Ion:202 Resp: 7026

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

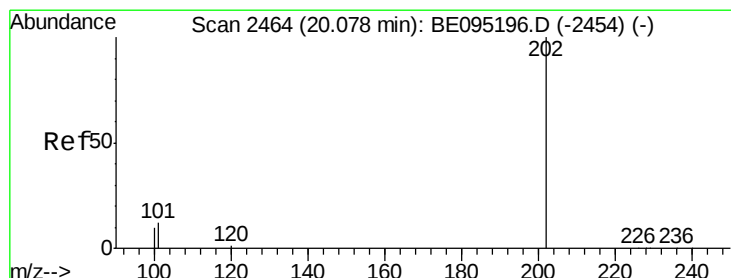
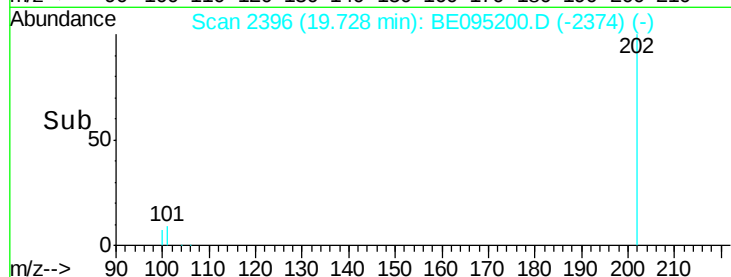
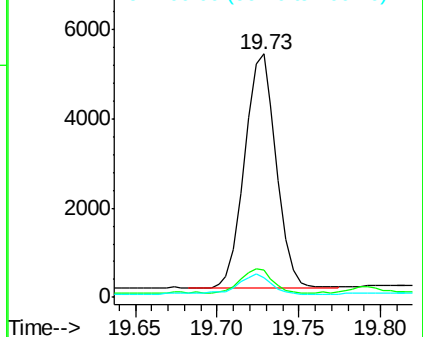
100 7.9 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.226 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

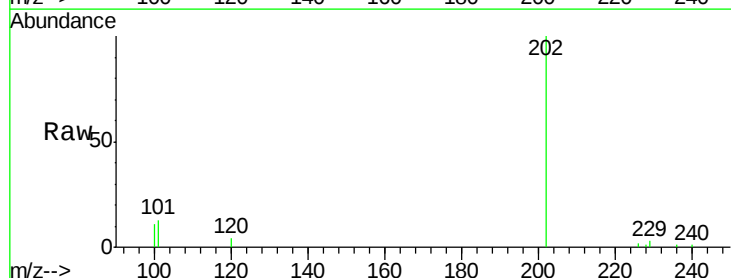
Tgt Ion:202 Resp: 11542

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

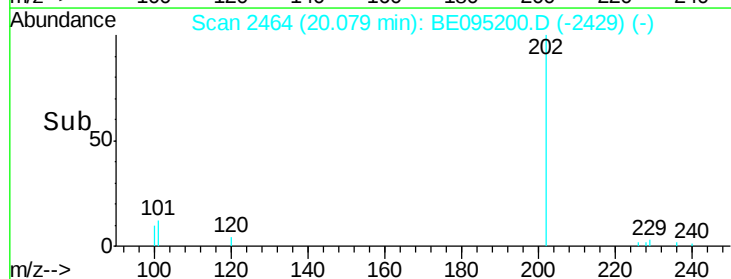
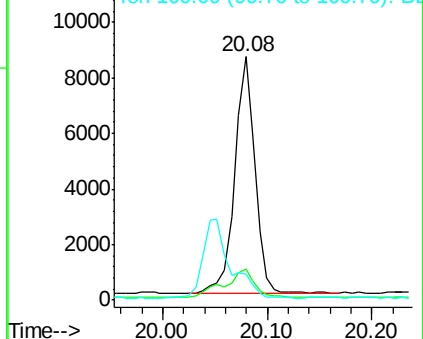
100 10.5 15.6 23.4#

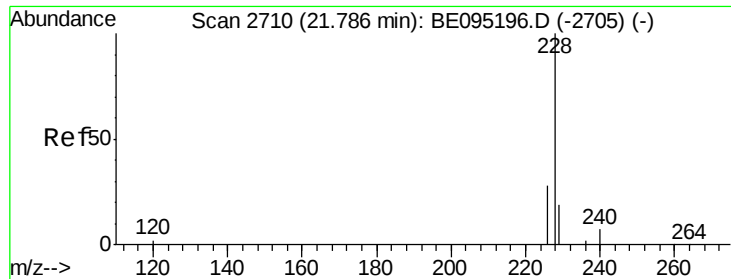


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.086 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

Instrument :

BNA_E

ClientSampleId :

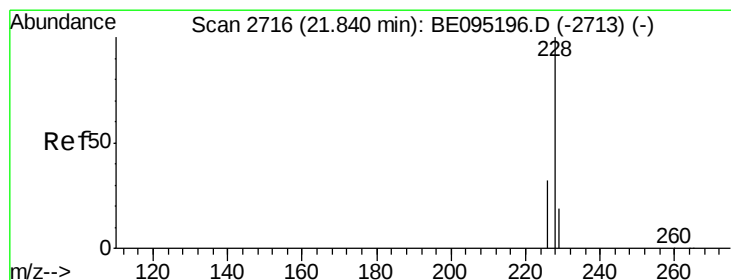
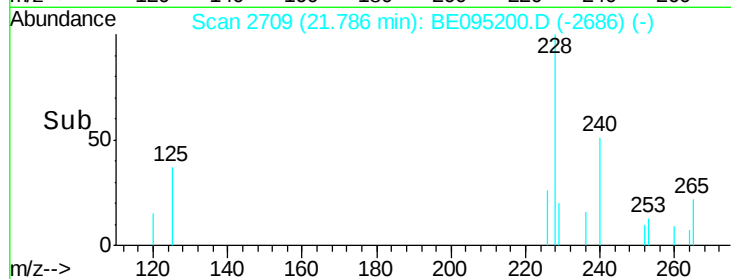
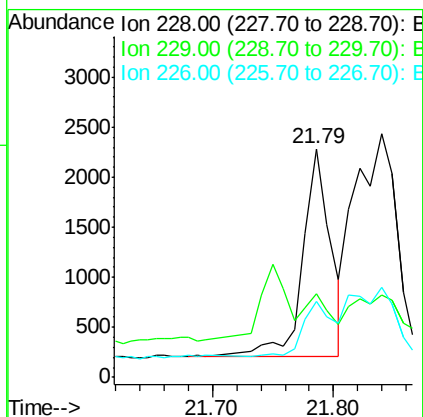
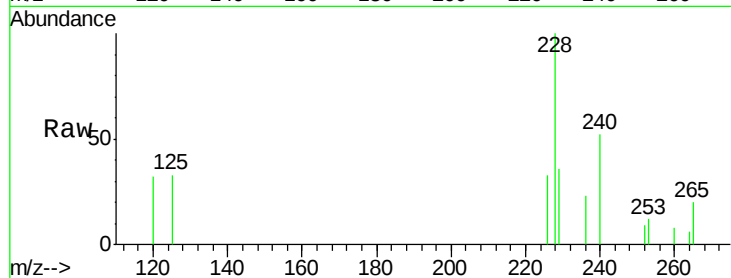
Tot Ion:228 Resp: 4101

Ion Ratio Lower Upper

228 100

229 36.5 22.8 34.2#

226 33.3 17.0 25.6#



#19

Chrysene

Concen: 0.107 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

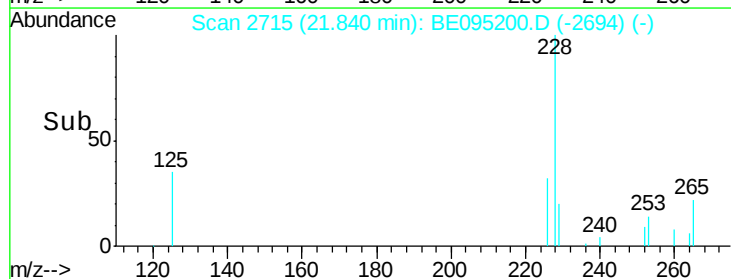
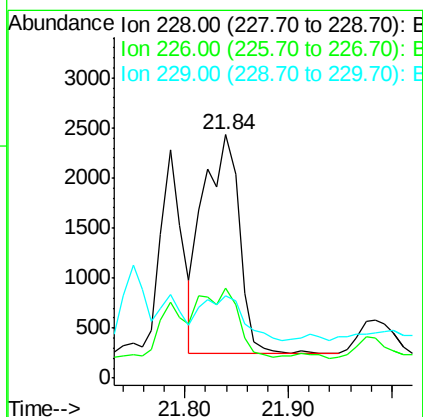
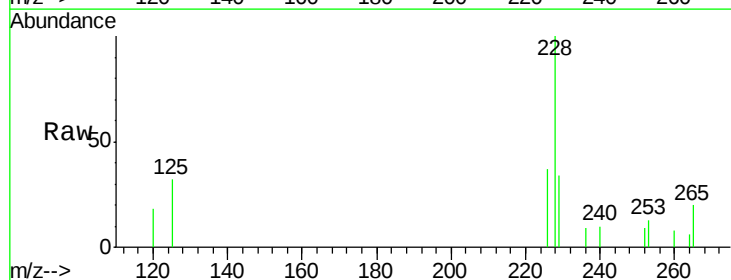
Tgt Ion:228 Resp: 5293

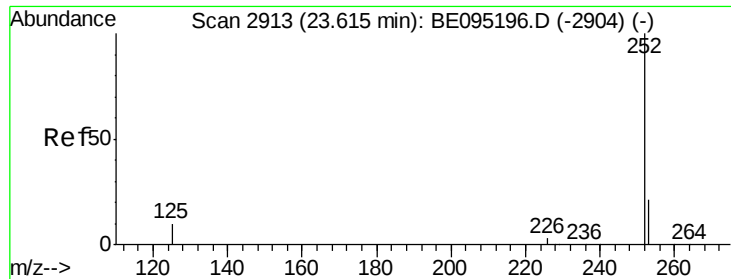
Ion Ratio Lower Upper

228 100

226 36.7 23.4 35.0#

229 33.6 17.7 26.5#

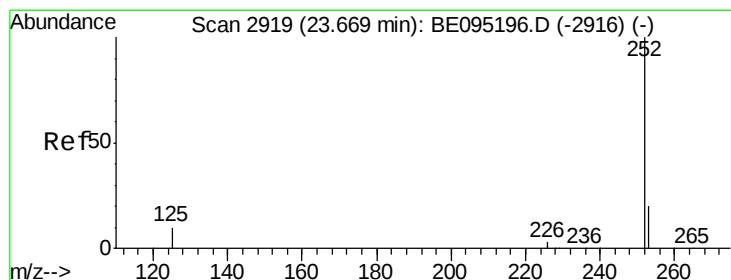
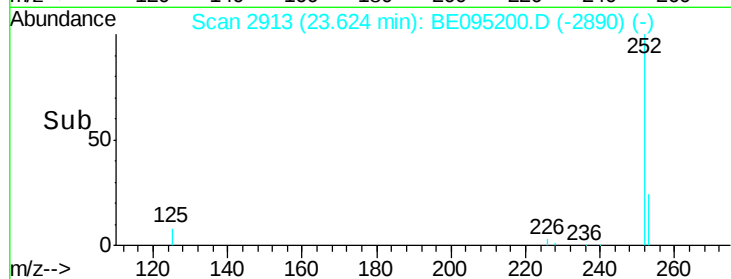
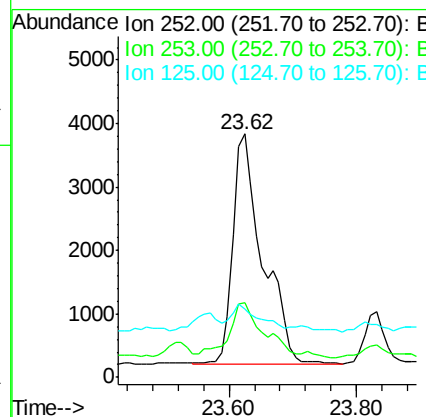
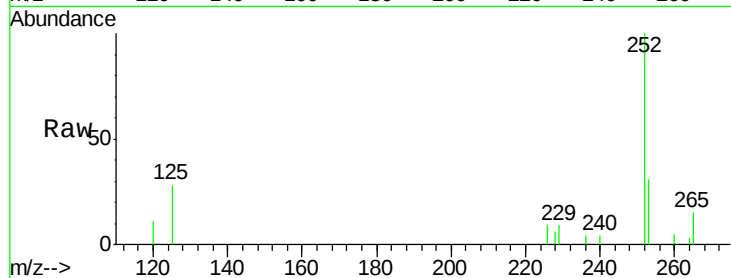




#21
Benzo(b)fluoranthene
Concen: 0.226 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BE095200.D
Acq: 28 Jan 2018 11:05

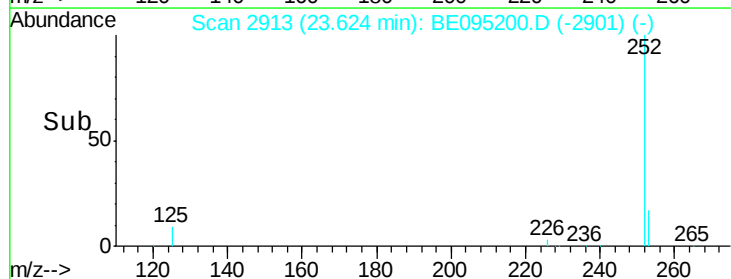
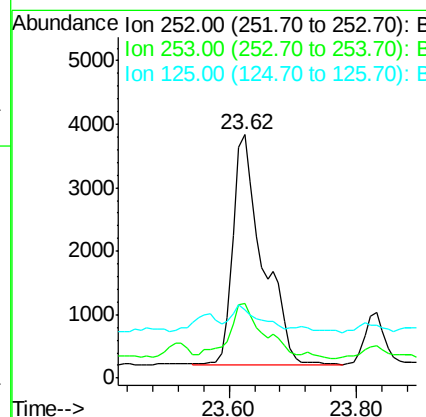
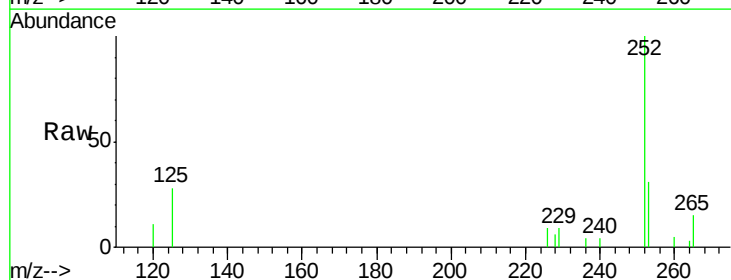
Instrument :
BNA_E
ClientSampleId :

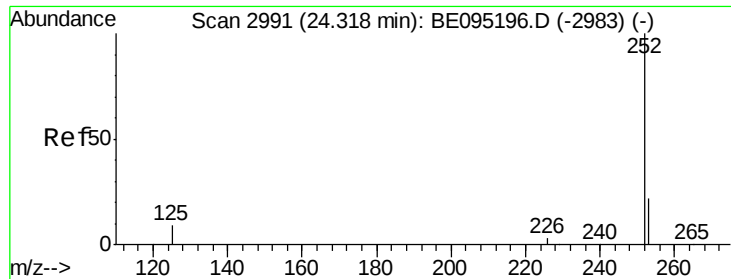
Tot Ion:252 Resp: 11780
Ion Ratio Lower Upper
252 100
253 30.8 0.0 64.2
125 28.3 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.247 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. -0.05 min
Lab File: BE095200.D
Acq: 28 Jan 2018 11:05

Tgt Ion:252 Resp: 11780
Ion Ratio Lower Upper
252 100
253 30.8 24.5 36.7
125 28.3 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.117 ng/ul

RT: 24.32 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

Instrument :

BNA_E

ClientSampleId :

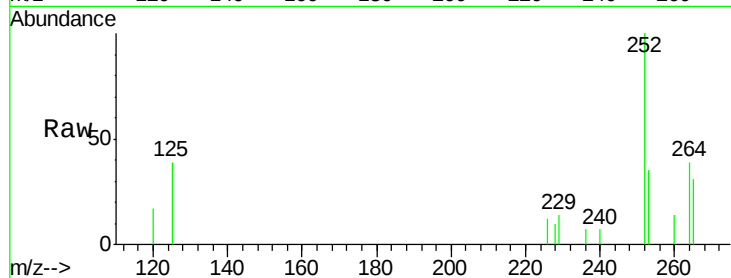
Tot Ion:252 Resp: 5456

Ion Ratio Lower Upper

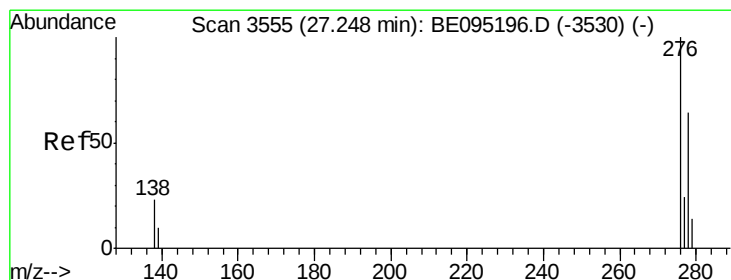
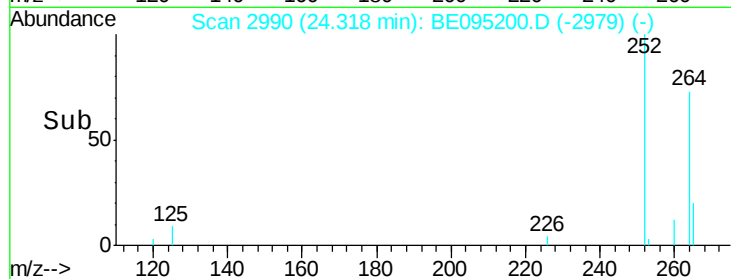
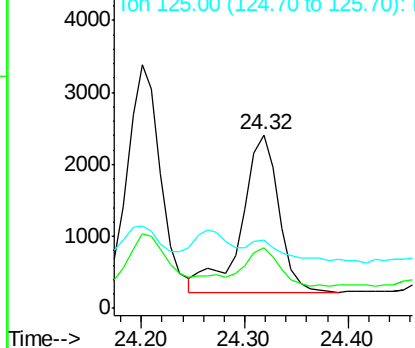
252 100

253 34.7 28.5 42.7

125 39.1 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: 0.089 ng/ul

RT: 27.24 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

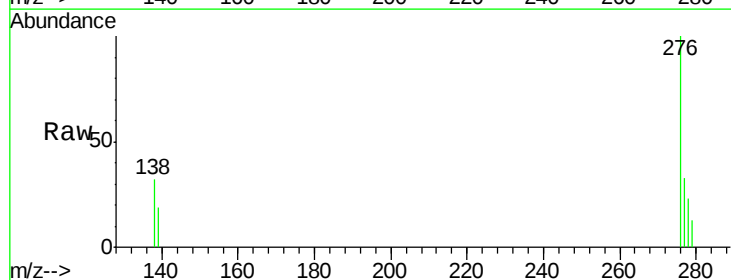
Tgt Ion:276 Resp: 4530

Ion Ratio Lower Upper

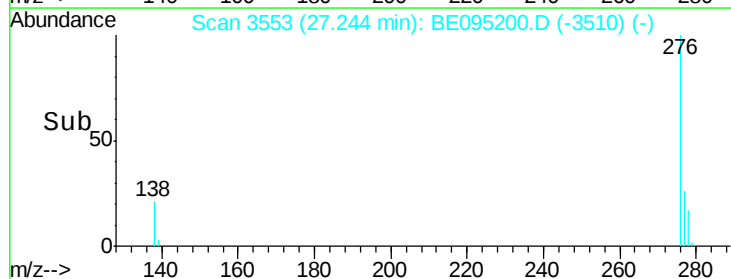
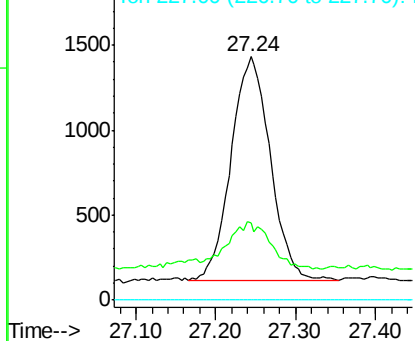
276 100

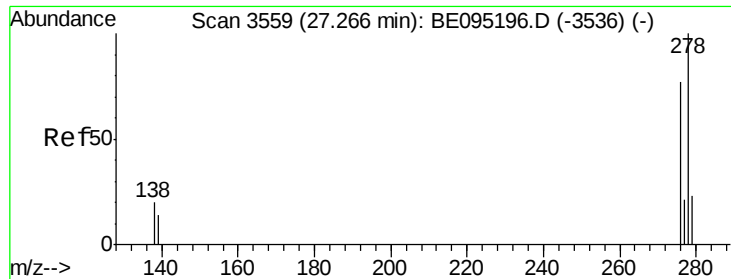
138 23.4 28.0 42.0#

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: 0.023 ng/ul

RT: 27.24 min Scan# 3553

Delta R.T. -0.02 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

Instrument :

BNA_E

ClientSampled :

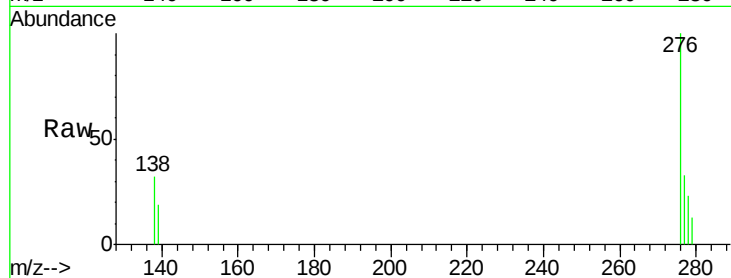
Tot Ion:278 Resp: 971

Ion Ratio Lower Upper

278 100

139 81.5 17.4 26.0#

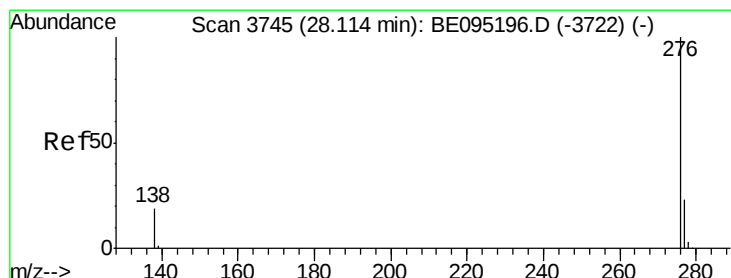
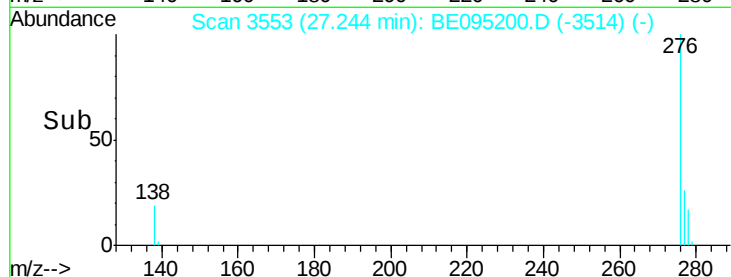
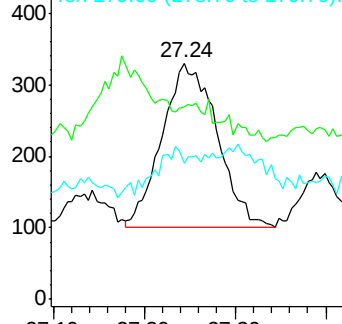
279 57.9 25.9 38.9#



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(g,h,i)perylene

Concen: 0.110 ng/ul

RT: 28.12 min Scan# 3746

Delta R.T. 0.01 min

Lab File: BE095200.D

Acq: 28 Jan 2018 11:05

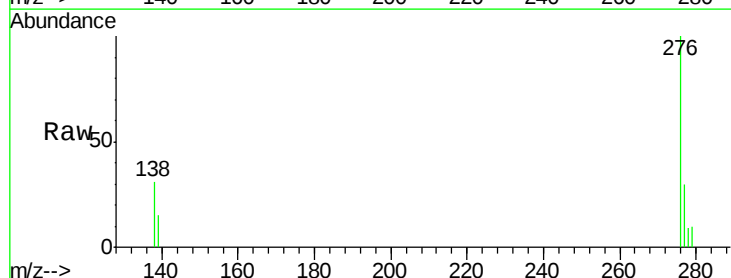
Tgt Ion:276 Resp: 4774

Ion Ratio Lower Upper

276 100

138 30.6 21.8 32.8

277 30.2 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

