

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097216.D
 Acq On : 5 Aug 2018 00:53
 Operator : SJ/JU
 Sample : J4171-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 06 00:56:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration

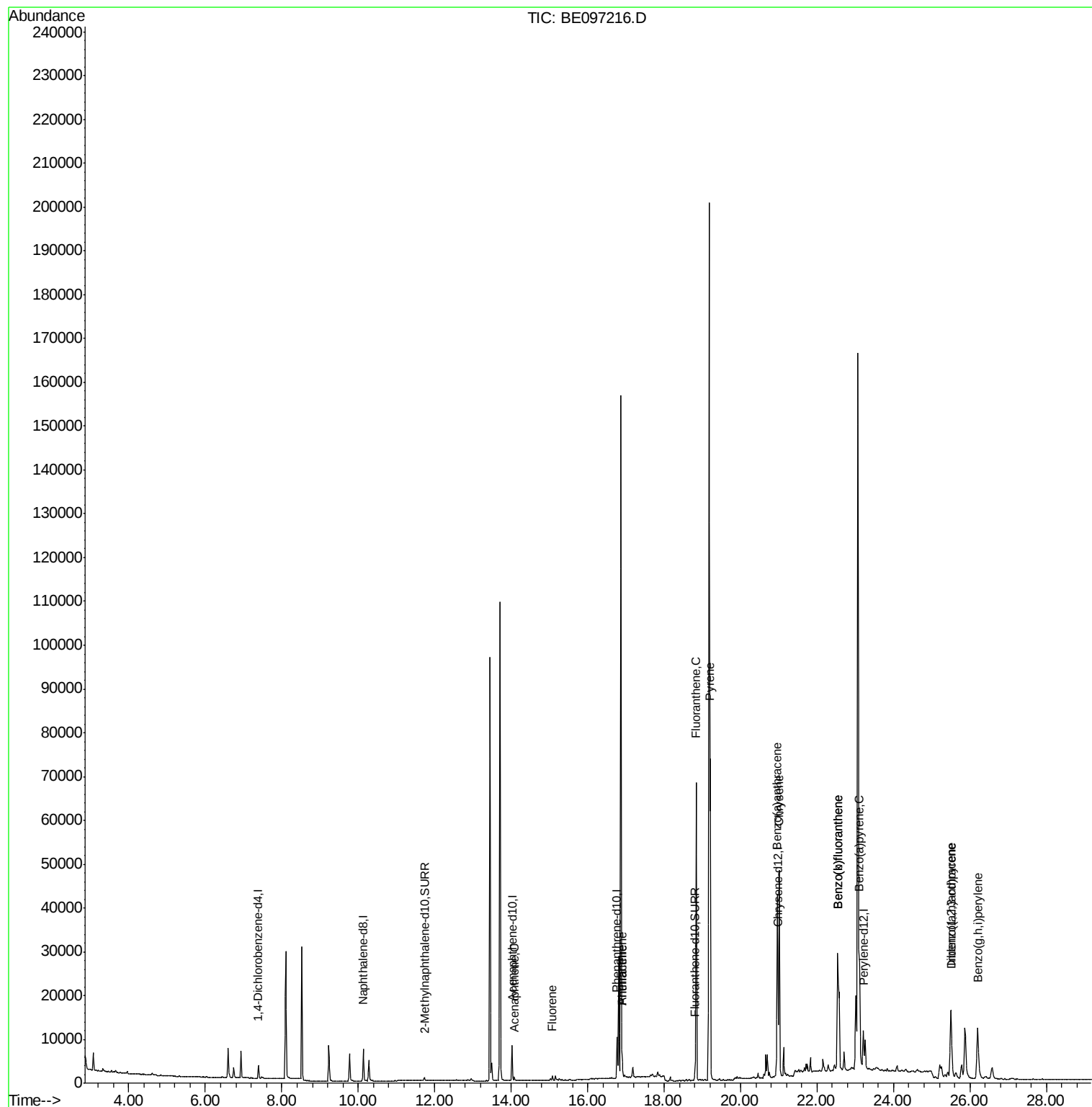
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1415	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7487	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4502	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10810	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11308	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12704	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	928	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2528	0.07	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.08	153	492	0.035	ng/ul#	91
9) Fluorene	15.08	166	598	0.037	ng/ul#	92
12) Phenanthrene	16.90	178	4715	0.171	ng/ul	92
13) Anthracene	16.90	178	4646	0.181	ng/ul	94
15) Fluoranthene	18.84	202	77233	2.120	ng/ul	84
17) Pyrene	19.20	202	80413	2.654	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	34205	1.059	ng/ul#	84
19) Chrysene	21.01	228	38591	1.159	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	65613	1.895	ng/ul	86
22) Benzo(k)fluoranthene	22.53	252	65613	1.757	ng/ul#	88
23) Benzo(a)pyrene	23.11	252	38407	1.108	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	28890	0.666	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.51	278	6187	0.174	ng/ul	97
26) Benzo(g,h,i)perylene	26.20	276	26638	0.711	ng/ul#	92

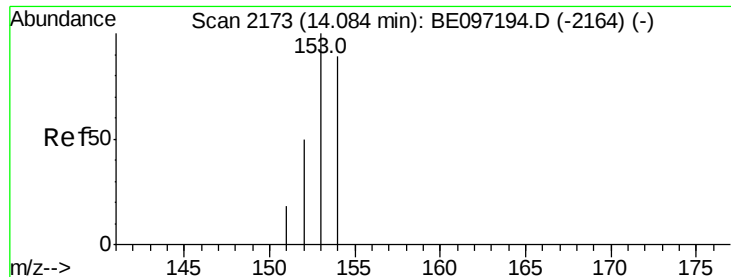
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

ClientSampleId :

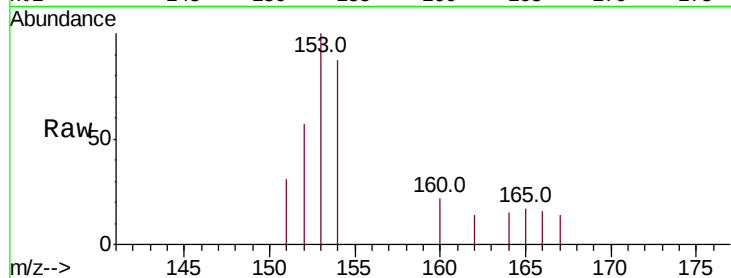
Tot Ion:153 Resp: 492

Ion Ratio Lower Upper

153 100

152 57.3 36.0 54.0#

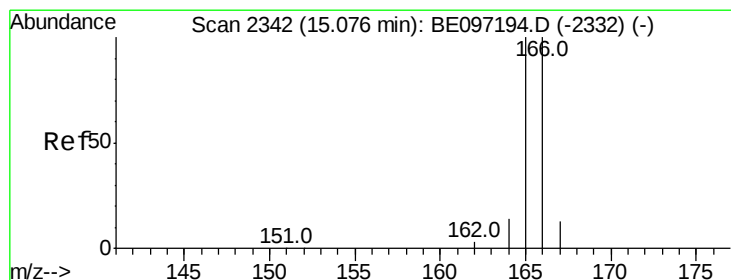
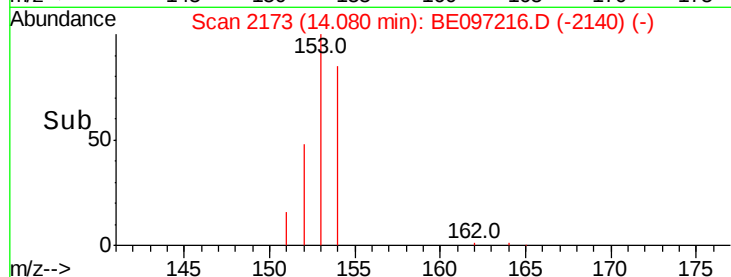
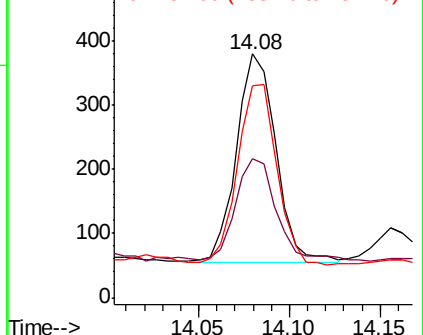
154 86.8 72.0 108.0



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: 0.037 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

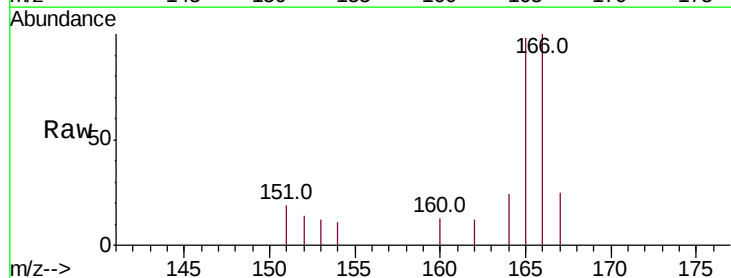
Tgt Ion:166 Resp: 598

Ion Ratio Lower Upper

166 100

165 98.2 73.4 110.2

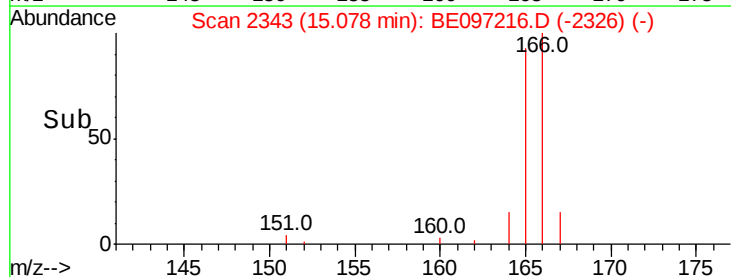
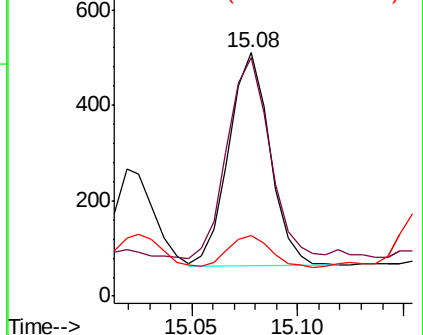
167 25.1 14.6 22.0#

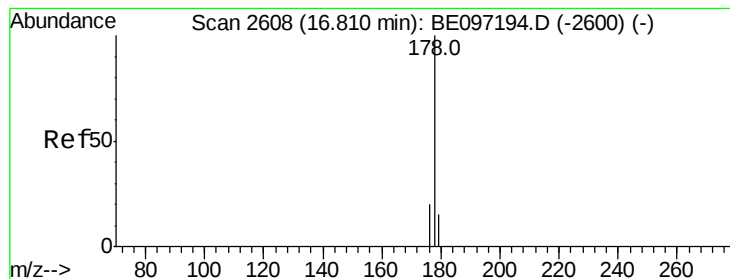


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.171 ng/ul

RT: 16.90 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

ClientSampleId :

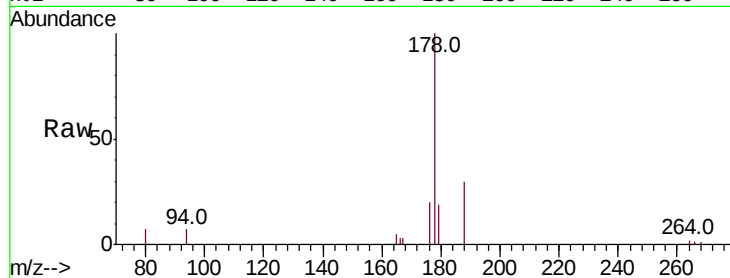
Tot Ion:178 Resp: 4715

Ion Ratio Lower Upper

178 100

179 18.8 18.4 27.6

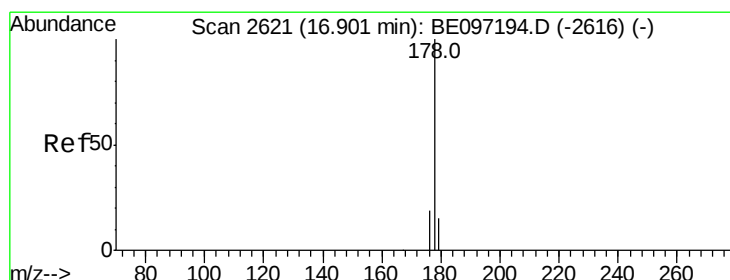
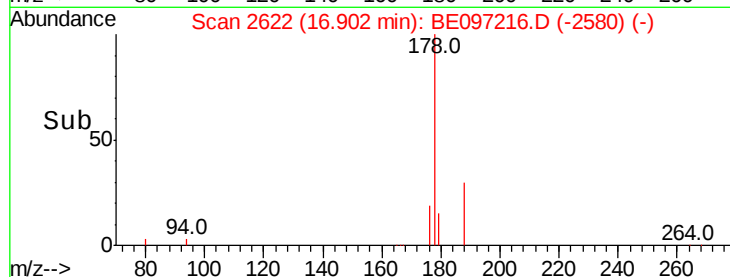
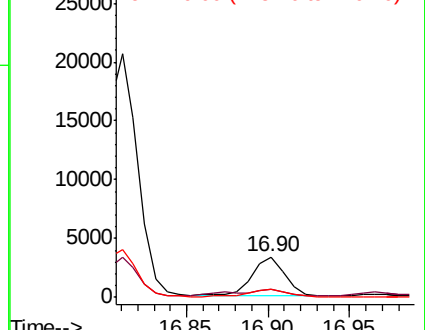
176 20.1 13.6 20.4



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: 0.181 ng/ul

RT: 16.90 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

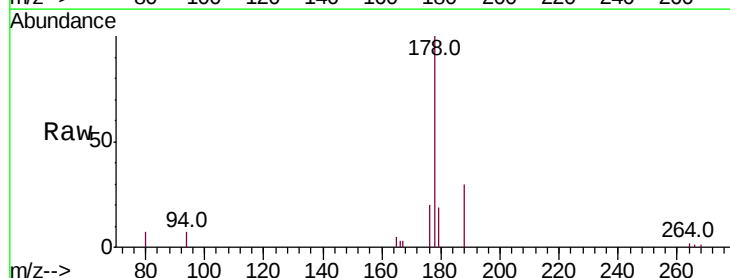
Tgt Ion:178 Resp: 4646

Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

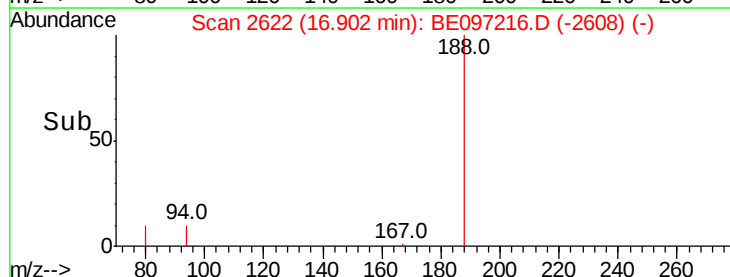
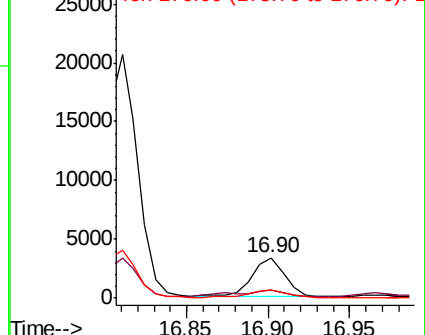
176 20.1 14.7 22.1

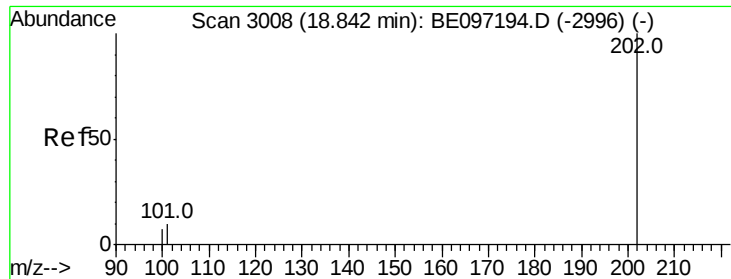


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

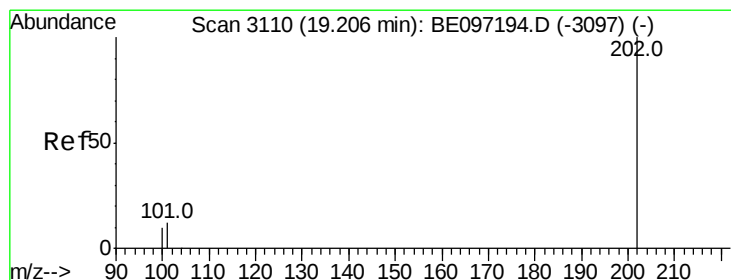
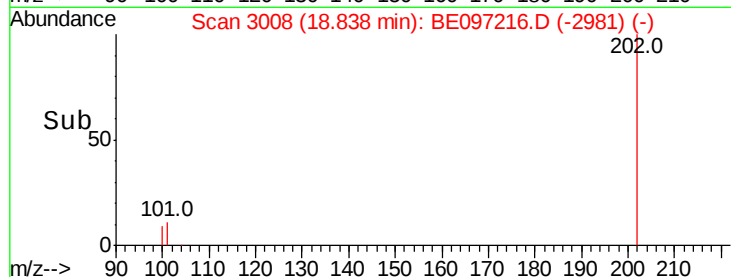
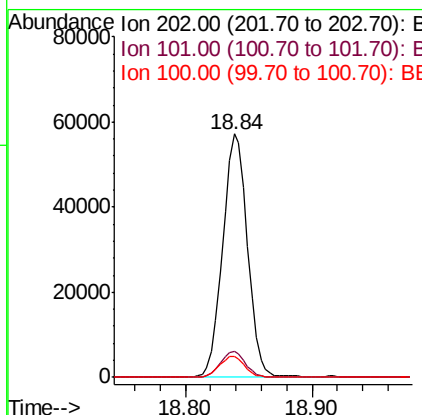
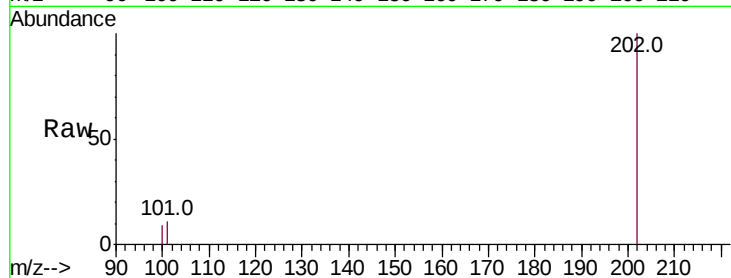




#15
Fluoranthene
Concen: 2.120 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

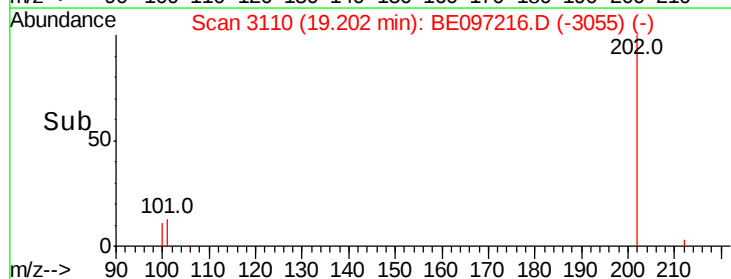
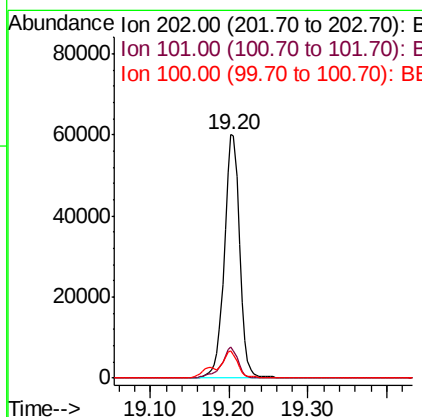
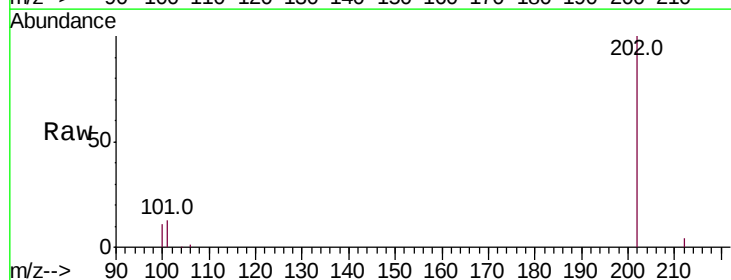
Instrument :
BNA_E
ClientSampleId :

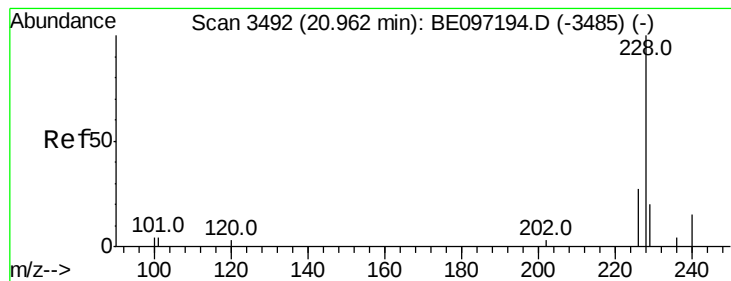
Tot Ion:202 Resp: 77233
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.3
100 8.6 0.0 39.5



#17
Pyrene
Concen: 2.654 ng/ul
RT: 19.20 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Tgt Ion:202 Resp: 80413
Ion Ratio Lower Upper
202 100
101 12.8 18.2 27.4#
100 11.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 1.059 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

ClientSampleId :

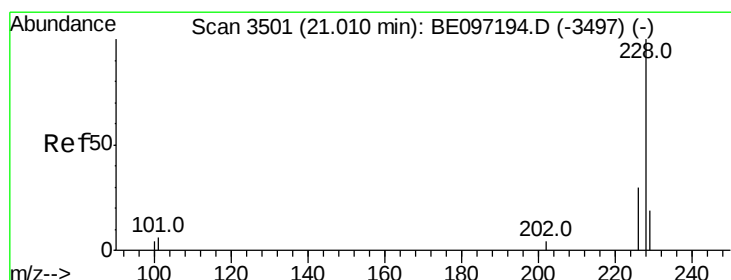
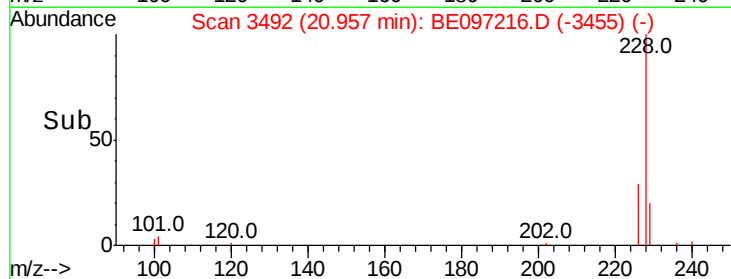
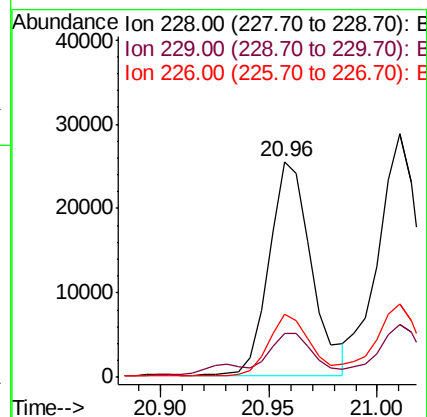
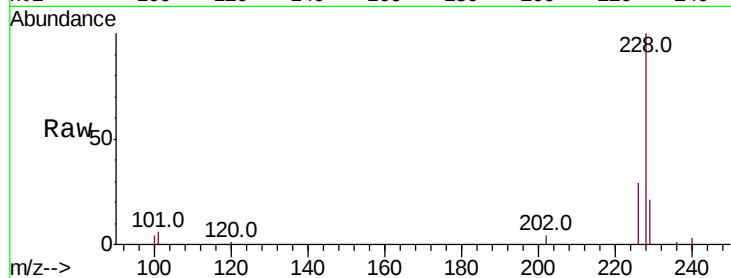
Tot Ion:228 Resp: 34205

Ion Ratio Lower Upper

228 100

229 20.6 22.8 34.2#

226 29.3 17.0 25.6#



#19

Chrysene

Concen: 1.159 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

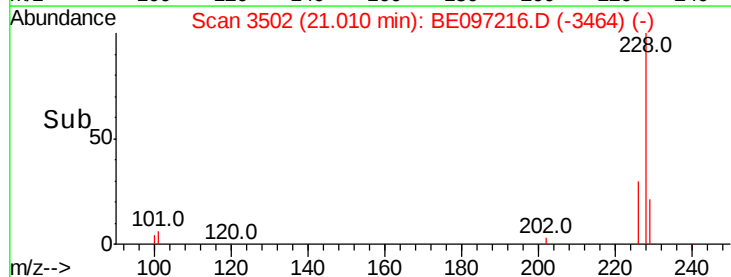
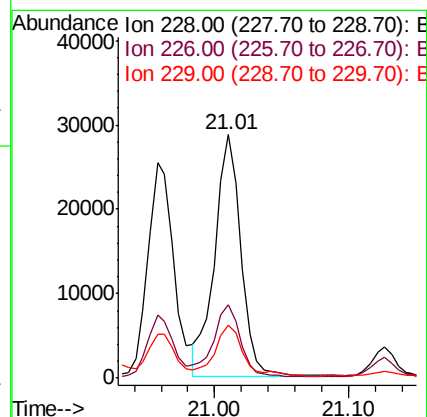
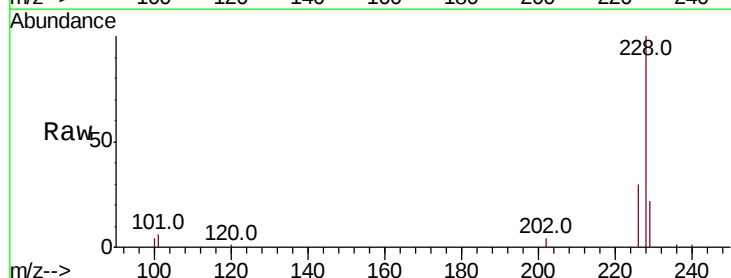
Tgt Ion:228 Resp: 38591

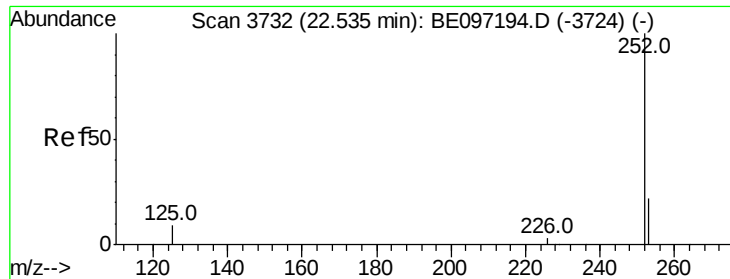
Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 21.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.895 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

ClientSampled :

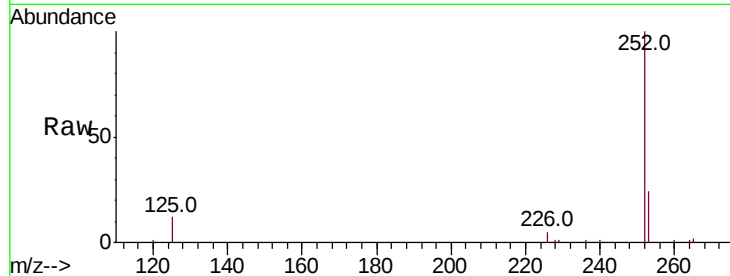
Tot Ion:252 Resp: 65613

Ion Ratio Lower Upper

252 100

253 24.4 0.0 64.2

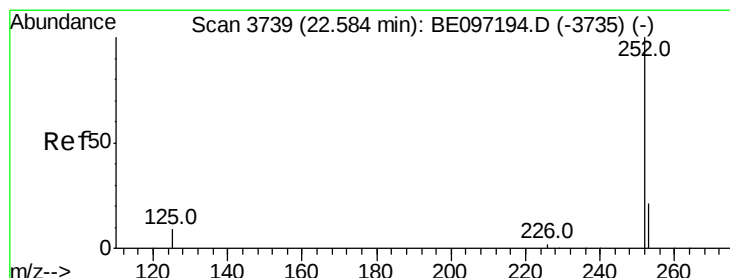
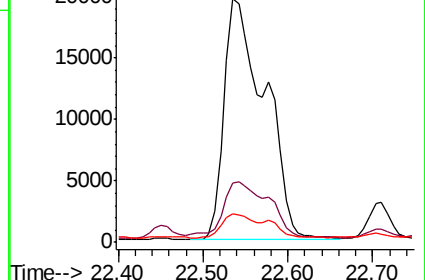
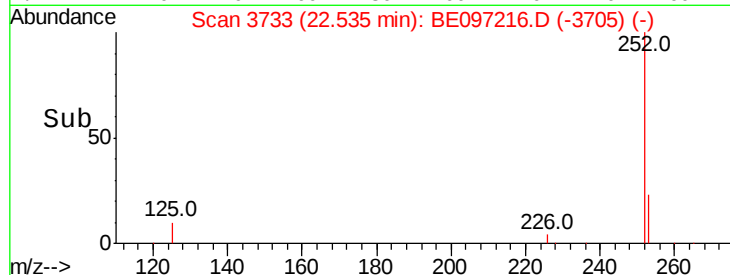
125 11.6 0.0 35.0



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: 1.757 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. -0.05 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

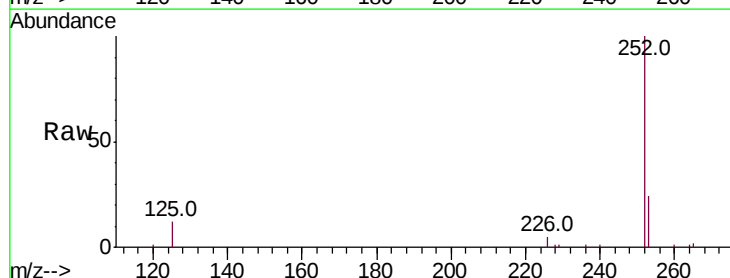
Tgt Ion:252 Resp: 65613

Ion Ratio Lower Upper

252 100

253 24.4 24.5 36.7#

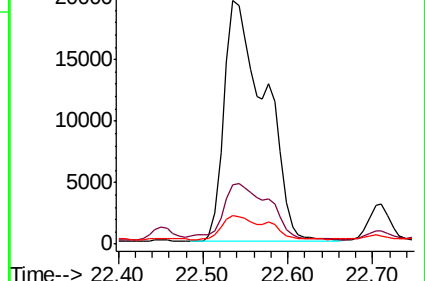
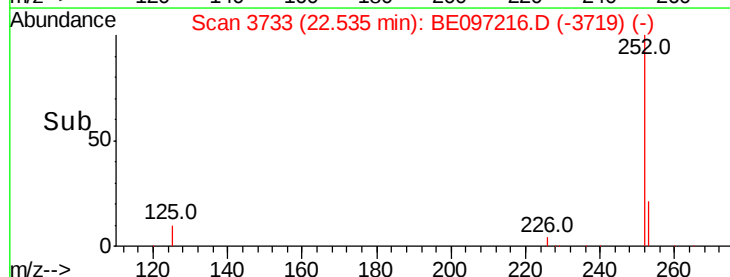
125 11.6 13.7 20.5#

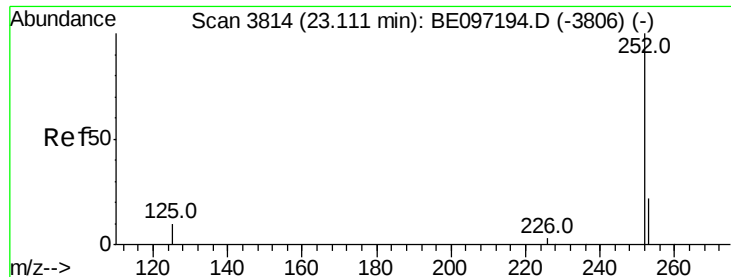


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.108 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

ClientSampleId :

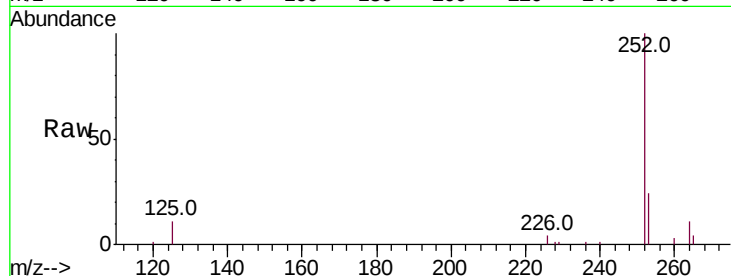
Tot Ion:252 Resp: 38407

Ion Ratio Lower Upper

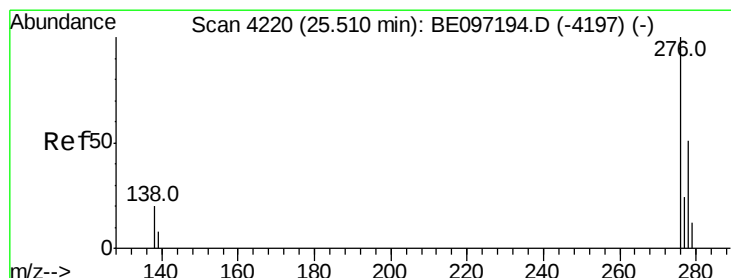
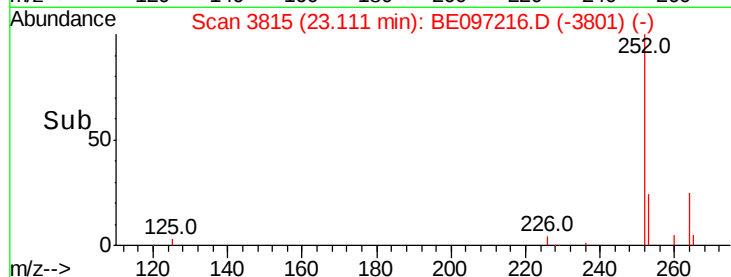
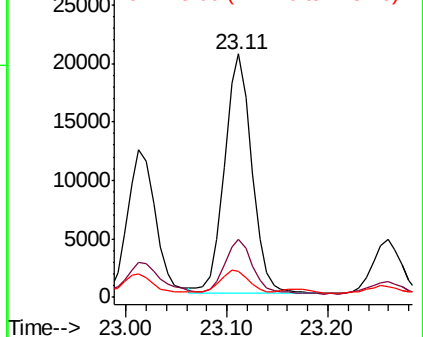
252 100

253 23.6 28.5 42.7#

125 10.6 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: 0.666 ng/ul

RT: 25.50 min Scan# 4218

Delta R.T. -0.01 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

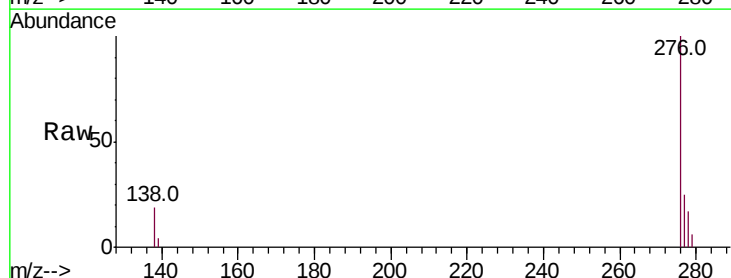
Tgt Ion:276 Resp: 28890

Ion Ratio Lower Upper

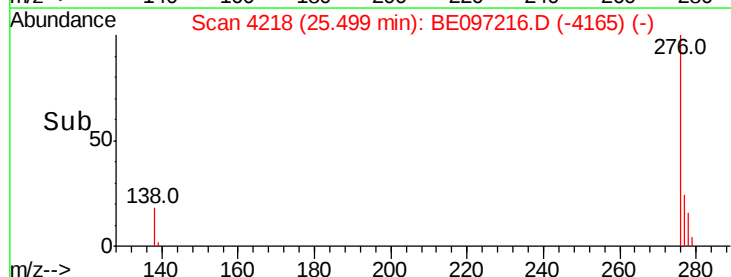
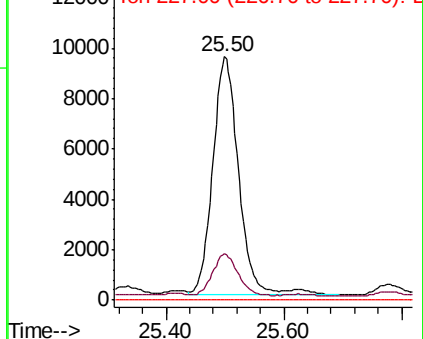
276 100

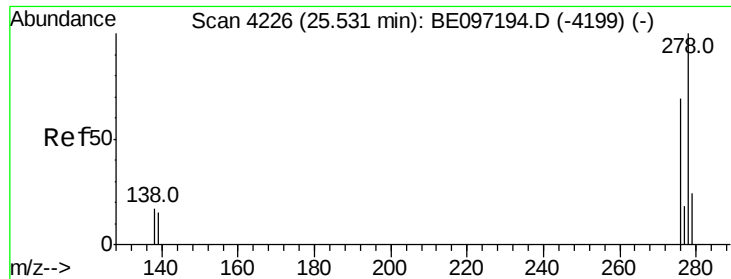
138 17.2 28.0 42.0#

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



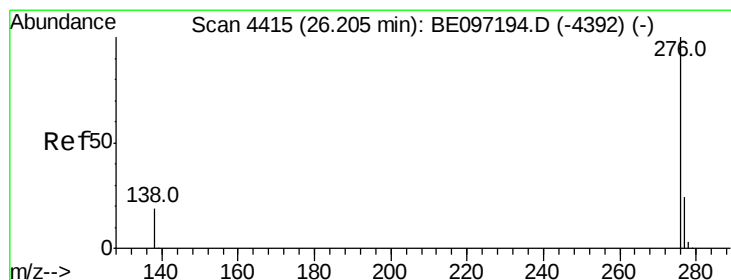
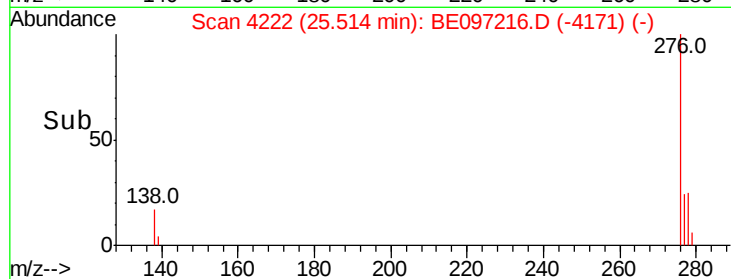
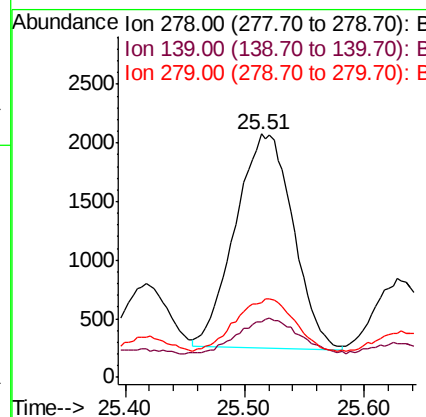
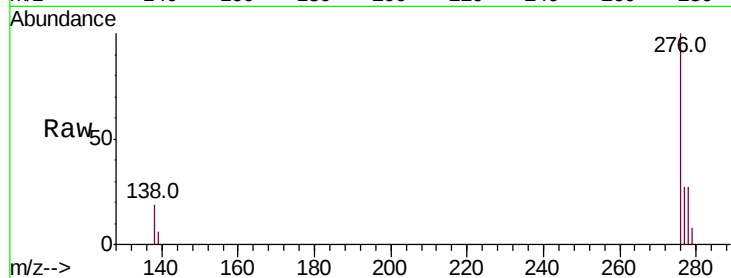


#25
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 25.51 min Scan# 4222
Delta R.T. -0.02 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6187

Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.4	26.0
279	30.9	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.711 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Tgt Ion:276 Resp: 26638

Ion	Ratio	Lower	Upper
276	100		
138	19.8	21.8	32.8#
277	25.2	20.5	30.7

