

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
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Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 11:12:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2035	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5810	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7375m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8334m	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	8681	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3291	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	8775m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	643	0.040	ng/ul#	69
7) Acenaphthylene	14.70	152	1336	0.074	ng/ul#	91
9) Fluorene	15.99	166	487	0.033	ng/ul#	92
12) Phenanthrene	17.72	178	8835m	0.406	ng/ul	
15) Fluoranthene	19.68	202	20364m	0.689	ng/ul	
17) Pyrene	20.04	202	22172	0.783	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	11602m	0.345	ng/ul	
19) Chrysene	21.80	228	10082m	0.416	ng/ul	
21) Benzo(b)fluoranthene	23.57	252	12802m	0.456	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	3252m	0.116	ng/ul	
23) Benzo(a)pyrene	24.26	252	8312	0.307	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.17	276	5622	0.187	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.17	278	1475	0.061	ng/ul#	79
26) Benzo(g,h,i)perylene	28.03	276	4122	0.164	ng/ul	95

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

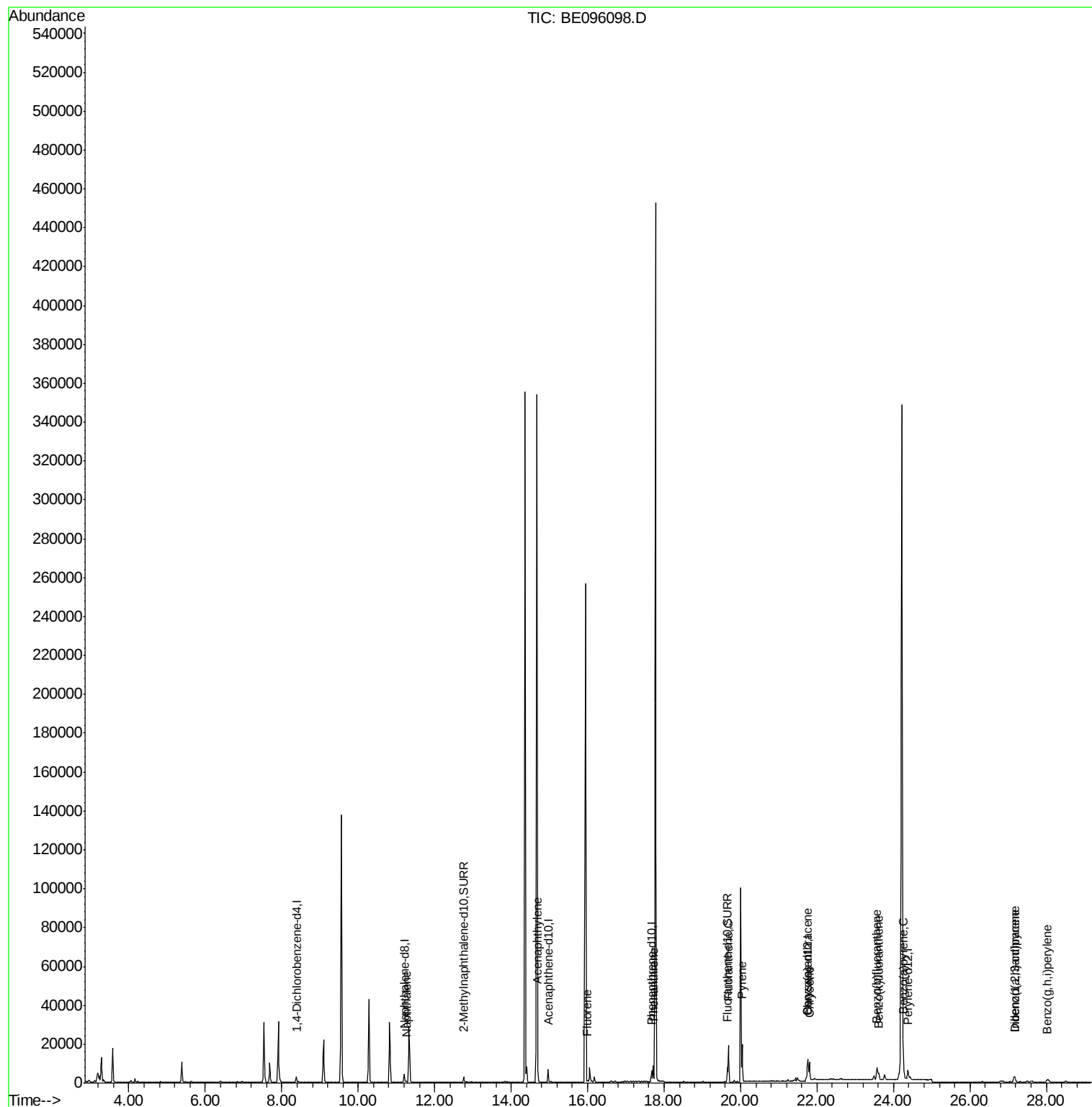
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096098.D
Acq On : 23 Apr 2018 23:02
Operator : SJ/JU
Sample : J2355-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

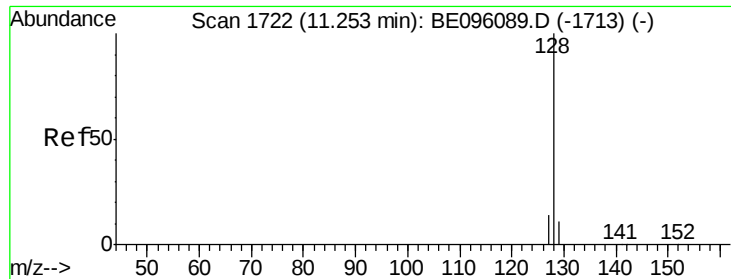
Instrument :
BNA_E
ClientSampleId :
A3Y15

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Quant Time: Apr 24 11:12:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096089.D

Acq: 23 Apr 2018 23:02

Instrument :

BNA_E

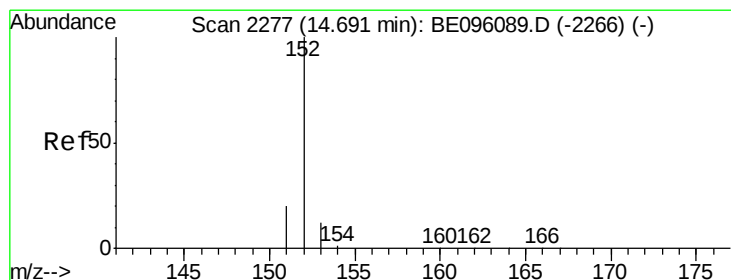
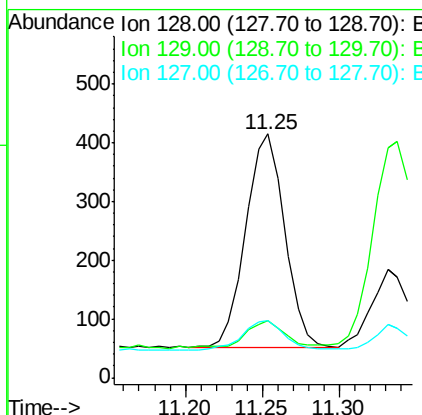
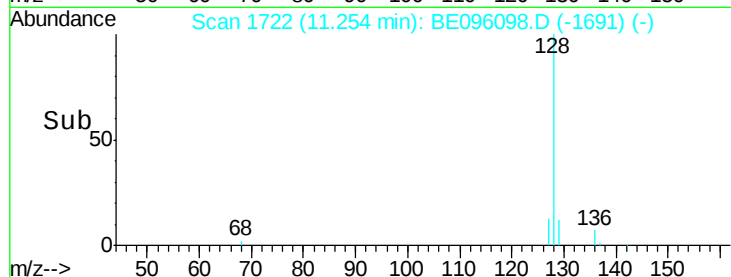
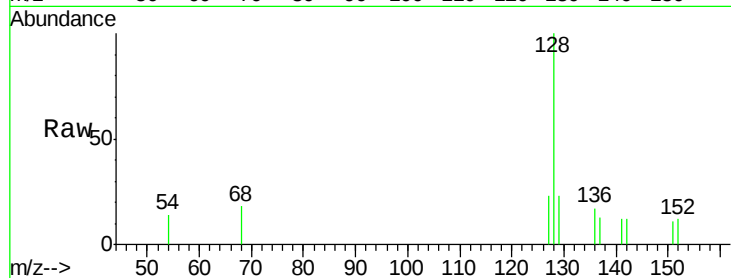
ClientSampled :

A3Y15

Tot Ion:128	Resp:	643
Ion Ratio	Lower	Upper
128	100	
129	23.4	11.3 16.9#
127	23.1	4.0 6.0#

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#7

Acenaphthylene

Concen: 0.074 ng/ul

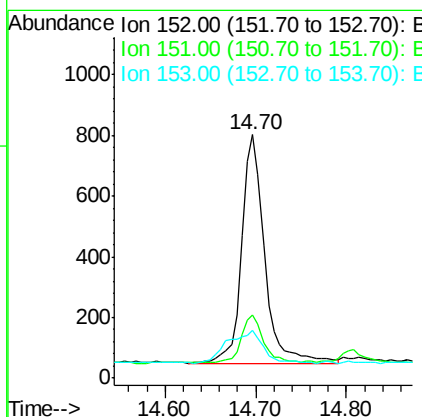
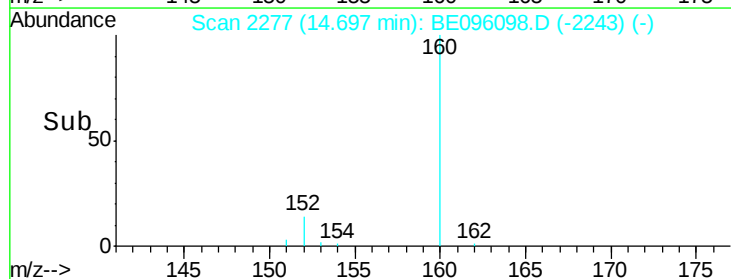
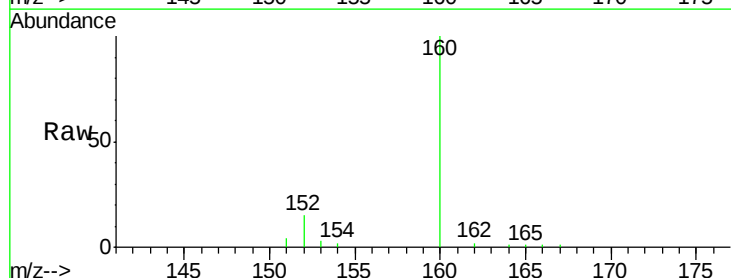
RT: 14.70 min Scan# 2277

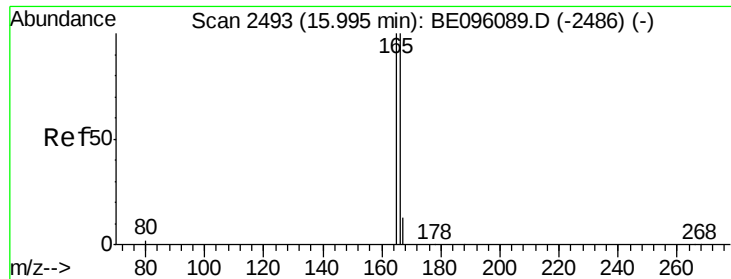
Delta R.T. -0.00 min

Lab File: BE096089.D

Acq: 23 Apr 2018 23:02

Tgt Ion:152	Resp:	1336
Ion Ratio	Lower	Upper
152	100	
151	25.8	17.1 25.7#
153	19.6	12.8 19.2#





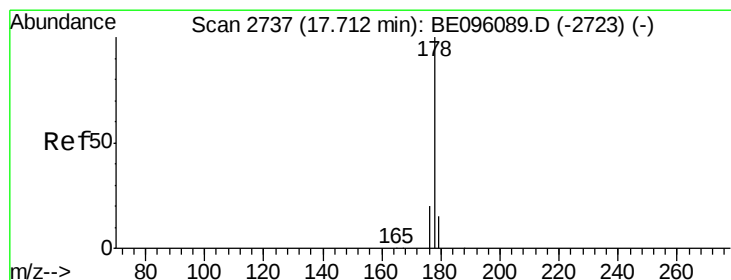
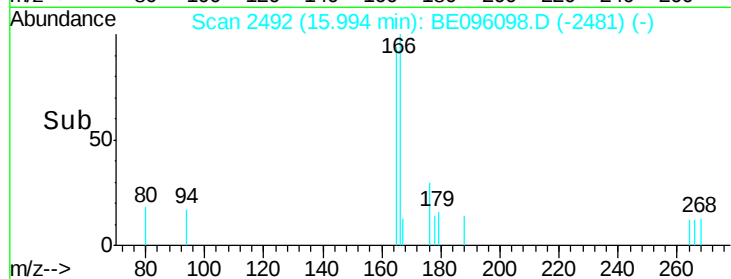
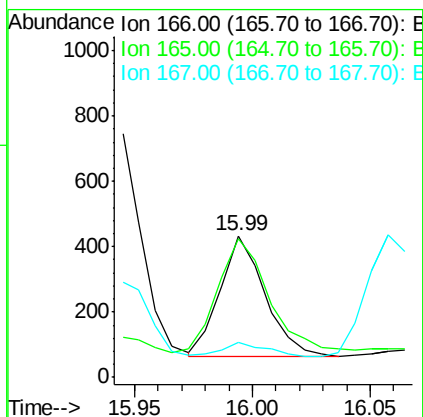
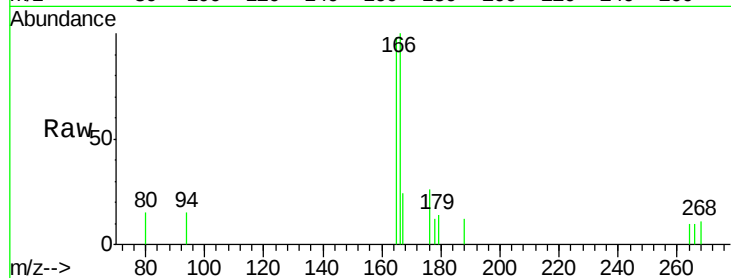
#9
Fluorene
Concen: 0.033 ng/ul
RT: 15.99 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Instrument :
BNA_E
ClientSampleId :
A3Y15

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	73.4	110.2
167	24.5	14.6	22.0

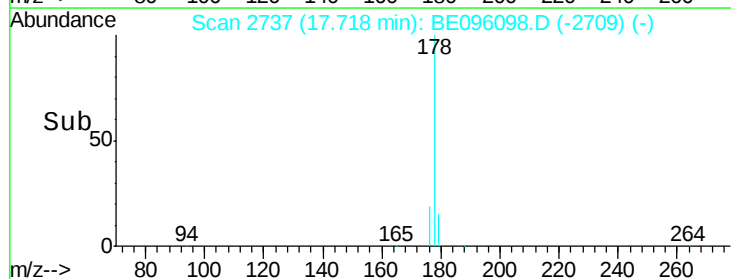
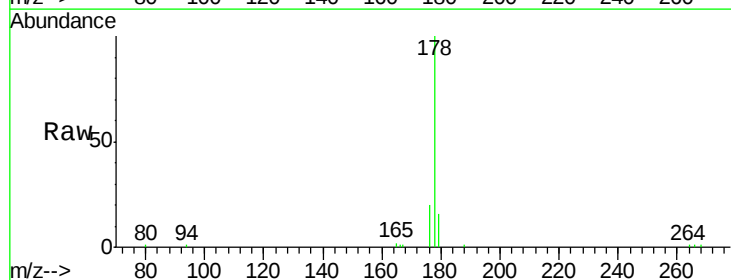
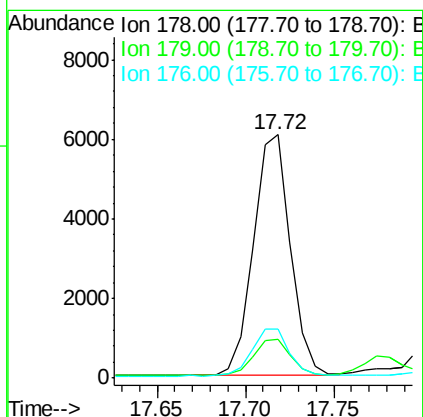
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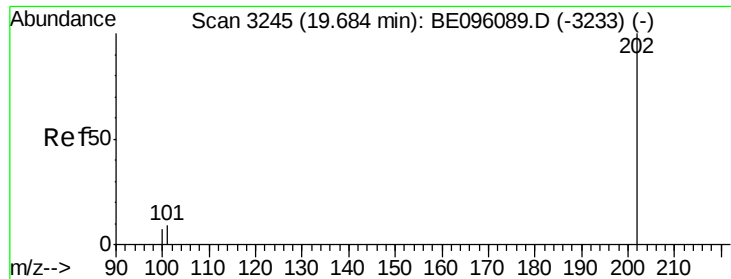
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#12
Phenanthrene
Concen: 0.406 ng/ul m
RT: 17.72 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6
176	20.2	13.6	20.4





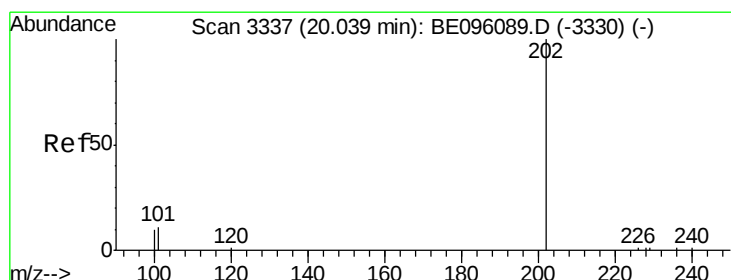
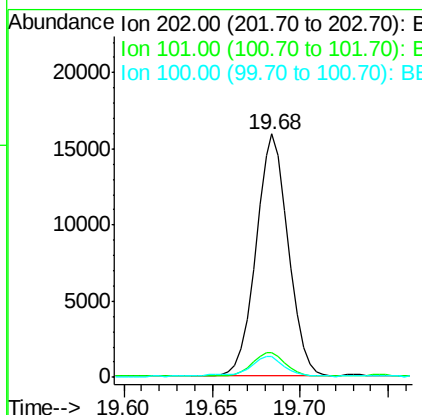
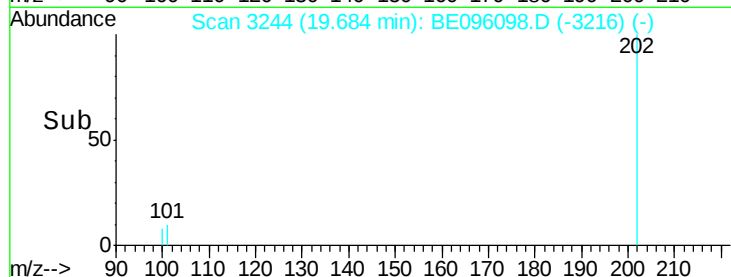
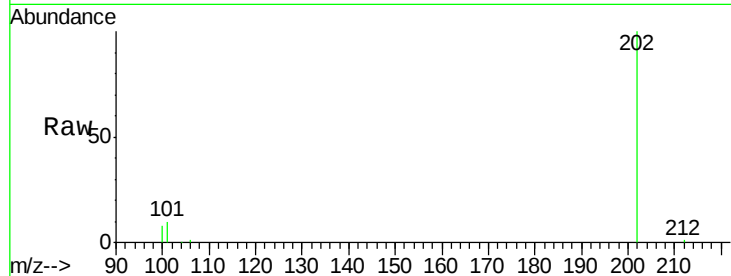
#15
Fluoranthene
 Concen: 0.689 ng/ul m
 RT: 19.68 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BE096098.D
 Acq: 23 Apr 2018 23:02

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Tot Ion	Ratio	Resp	Lower	Upper
202	100	20364		
101	10.1	0.0	30.3	
100	8.4	0.0	39.5	

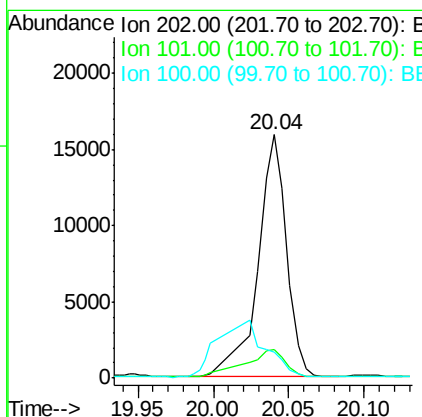
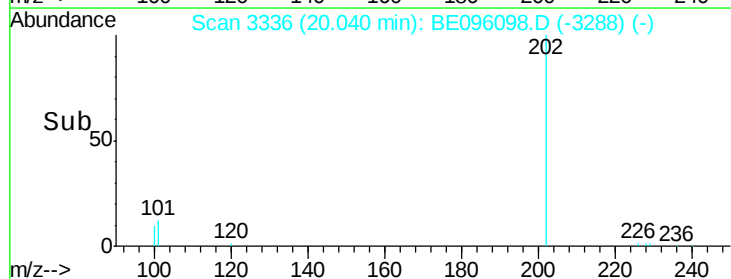
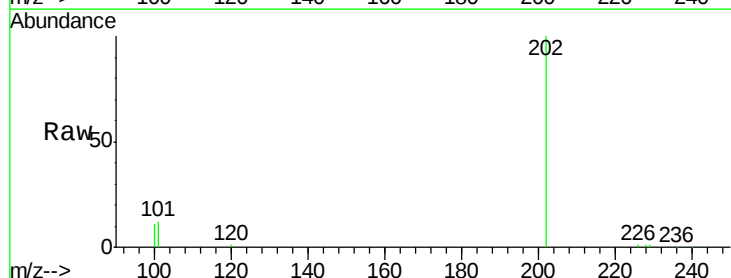
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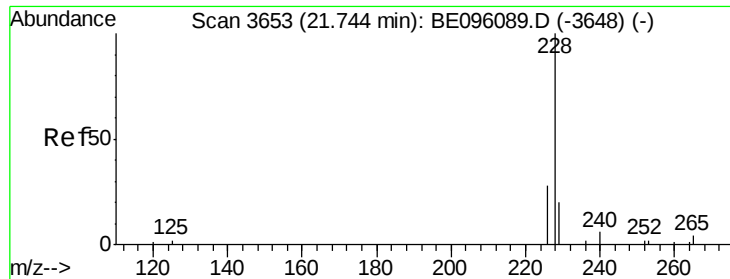
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#17
Pyrene
 Concen: 0.783 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: BE096098.D
 Acq: 23 Apr 2018 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22172		
101	12.0	18.2	27.4#	
100	10.6	15.6	23.4#	





#18

Benzo(a)anthracene

Concen: 0.345 ng/ul m

RT: 21.74 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BE096098.D

Acq: 23 Apr 2018 23:02

Instrument :

BNA_E

ClientSampleId :

A3Y15

Tot Ion:228 Resp: 11602

Ion Ratio Lower Upper

228 100

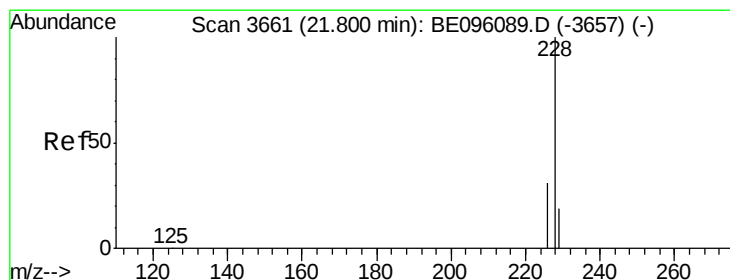
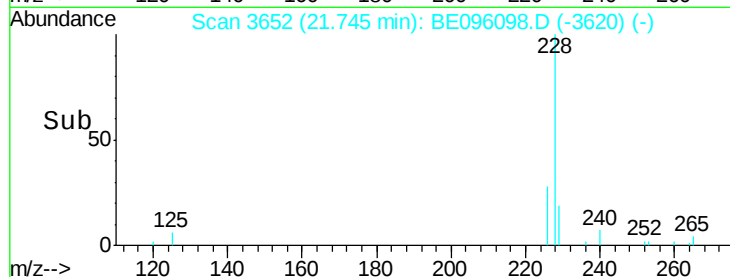
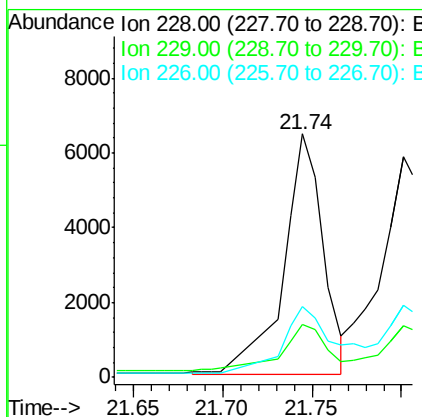
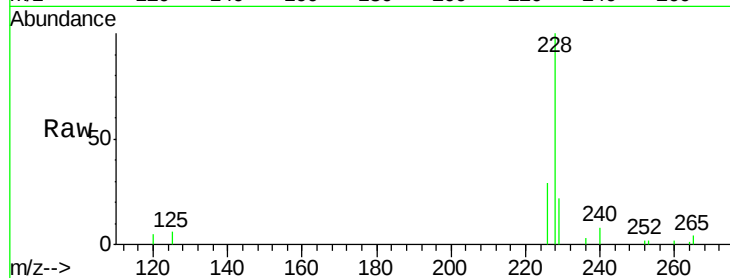
229 21.7 22.8 34.2#

226 29.3 17.0 25.6#

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#19

Chrysene

Concen: 0.416 ng/ul m

RT: 21.80 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BE096098.D

Acq: 23 Apr 2018 23:02

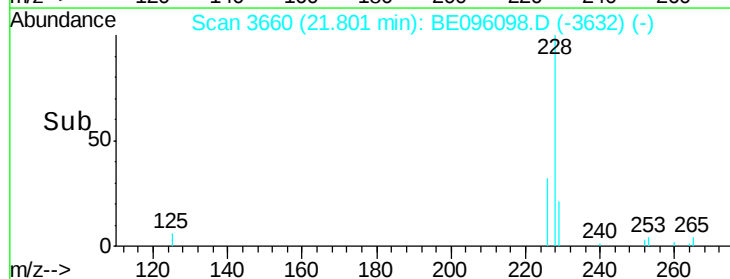
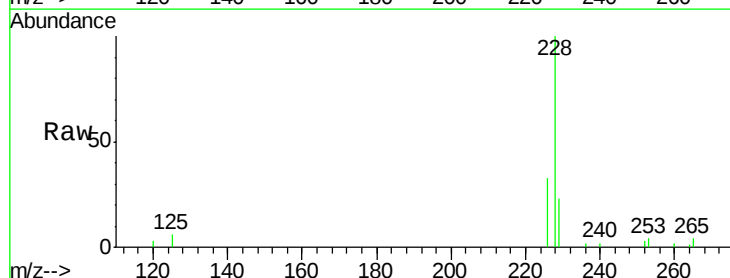
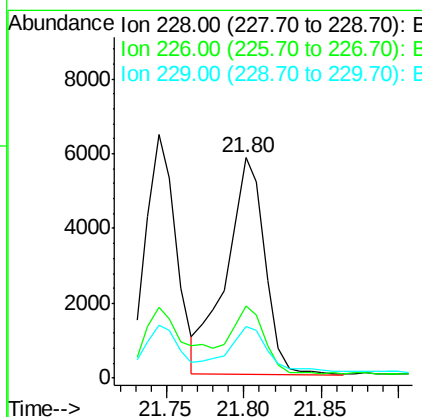
Tgt Ion:228 Resp: 10082

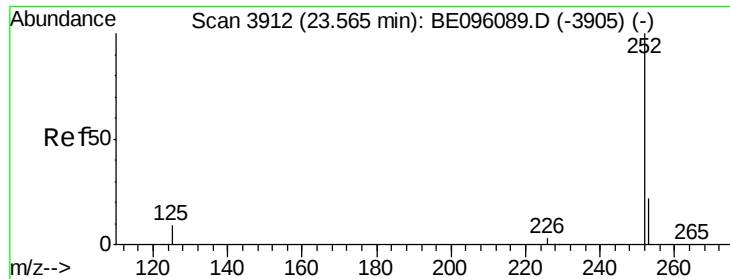
Ion Ratio Lower Upper

228 100

226 32.8 23.4 35.0

229 23.3 17.7 26.5





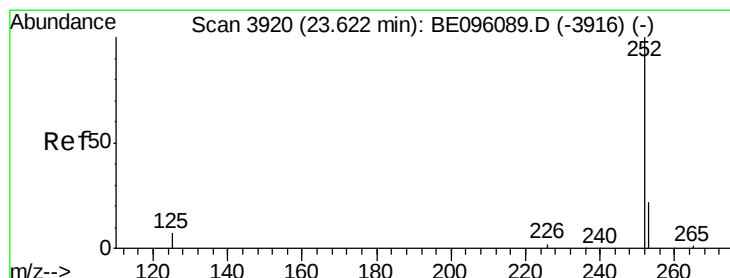
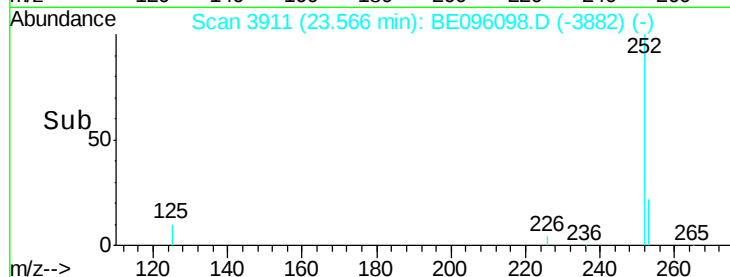
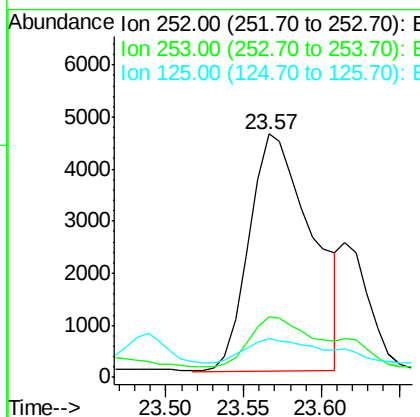
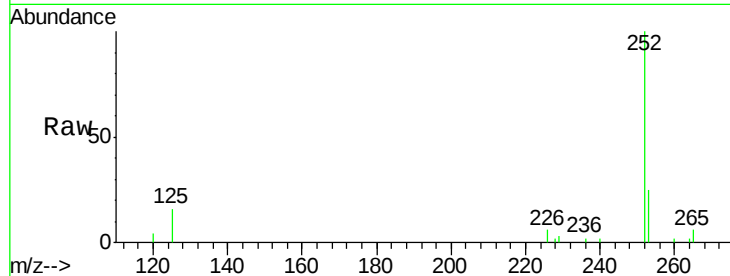
#21
Benzo(b)fluoranthene
Concen: 0.456 ng/ul m
RT: 23.57 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Instrument :
BNA_E
ClientSampleId :
A3Y15

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	64.2
125	15.7	0.0	35.0

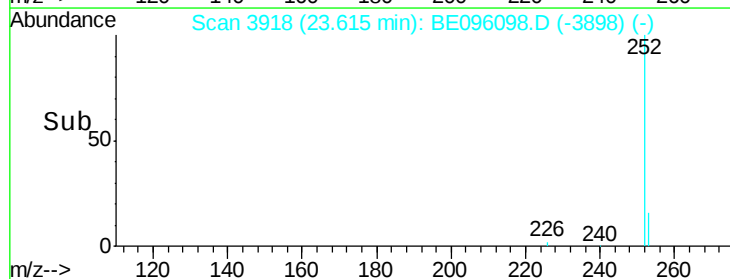
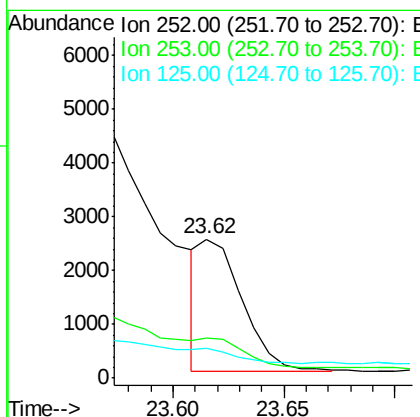
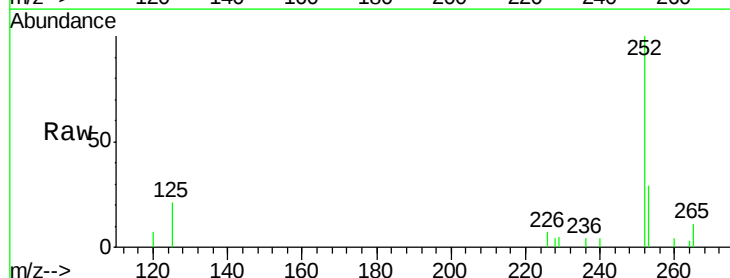
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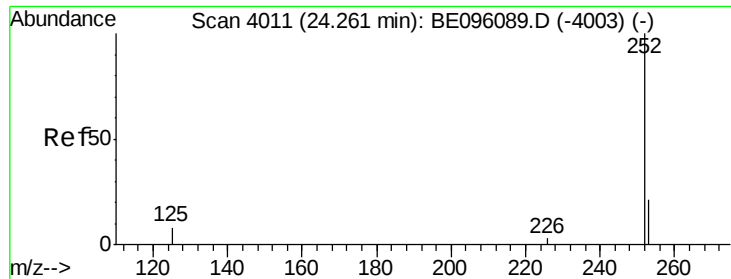
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#22
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 23.62 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	24.5	36.7
125	21.1	13.7	20.5#





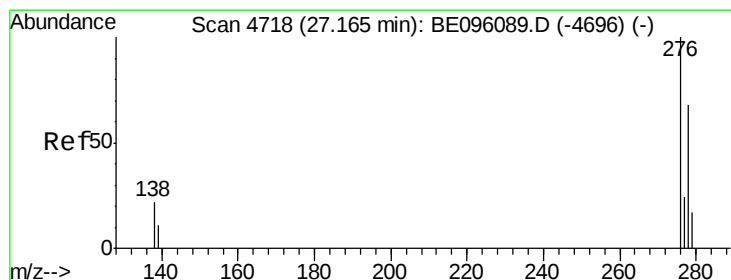
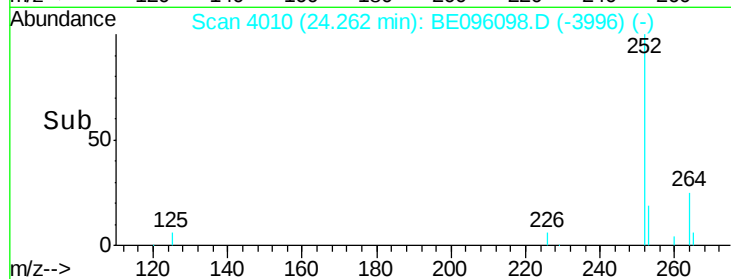
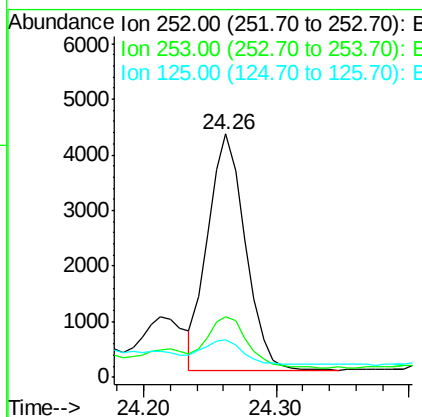
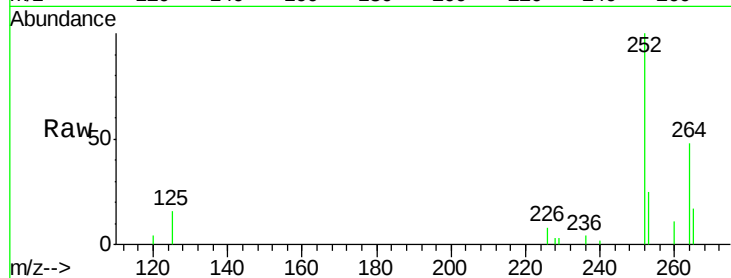
#23
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Instrument :
BNA_E
ClientSampleId :
A3Y15

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7#
125	15.6	18.1	27.1#

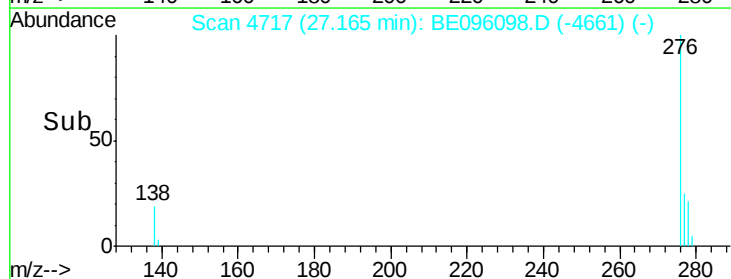
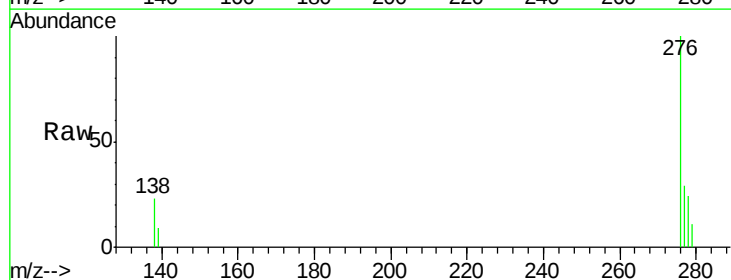
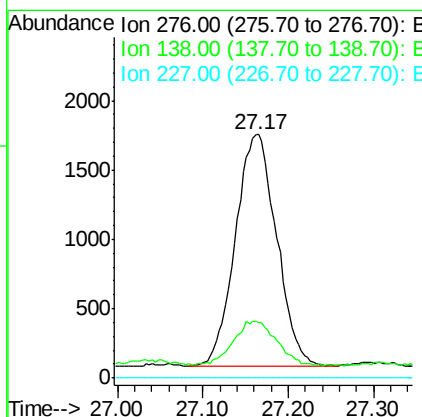
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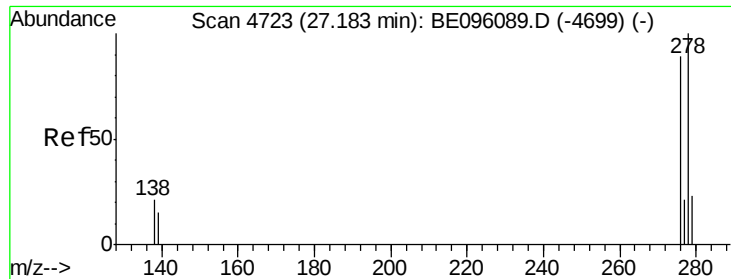
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 27.17 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	28.0	42.0#
227	0.0	8.0	12.0#





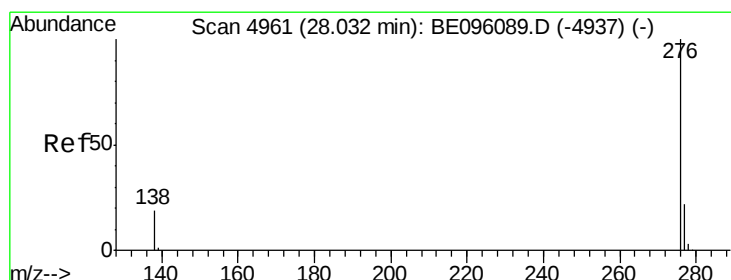
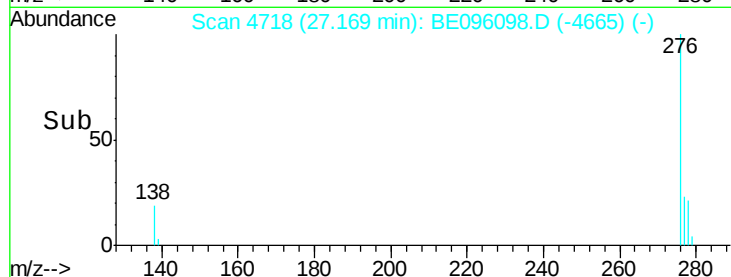
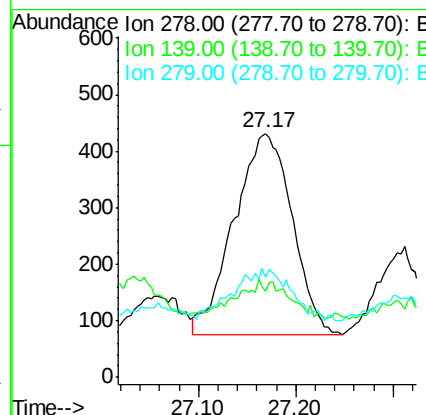
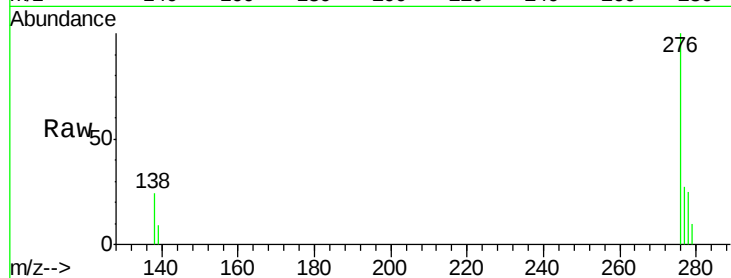
#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. -0.01 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Instrument :
BNA_E
ClientSampled :
A3Y15

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.5	17.4	26.0#
279	41.3	25.9	38.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 28.03 min Scan# 4960
Delta R.T. -0.01 min
Lab File: BE096098.D
Acq: 23 Apr 2018 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.8	32.8
277	29.1	20.5	30.7

