

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096088.D
 Acq On : 23 Apr 2018 17:01
 Operator : SJ/JU
 Sample : J2355-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y30

Manual Integrations
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Sohil
 4/24/2018 7:10:01 PM

Quant Time: Apr 24 06:53:55 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1860	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5036	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6491m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6210m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2396	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6147m	0.23	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.70	152	668	0.043	ng/ul#	87
9) Fluorene	15.99	166	269	0.021	ng/ul#	88
12) Phenanthrene	17.72	178	4415m	0.231	ng/ul	
13) Anthracene	17.80	178	749m	0.039	ng/ul	
15) Fluoranthene	19.68	202	12808m	0.492	ng/ul	
17) Pyrene	20.04	202	13580	0.644	ng/ul#	80
18) Benzo(a)anthracene	21.75	228	8194m	0.327	ng/ul	
19) Chrysene	21.80	228	6919	0.383	ng/ul	95
21) Benzo(b)fluoranthene	23.57	252	9117m	0.369	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	3281m	0.133	ng/ul	
23) Benzo(a)pyrene	24.26	252	5660	0.238	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.16	276	4579	0.173	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	1361	0.064	ng/ul#	81
26) Benzo(g,h,i)perylene	28.04	276	3389	0.153	ng/ul	97

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

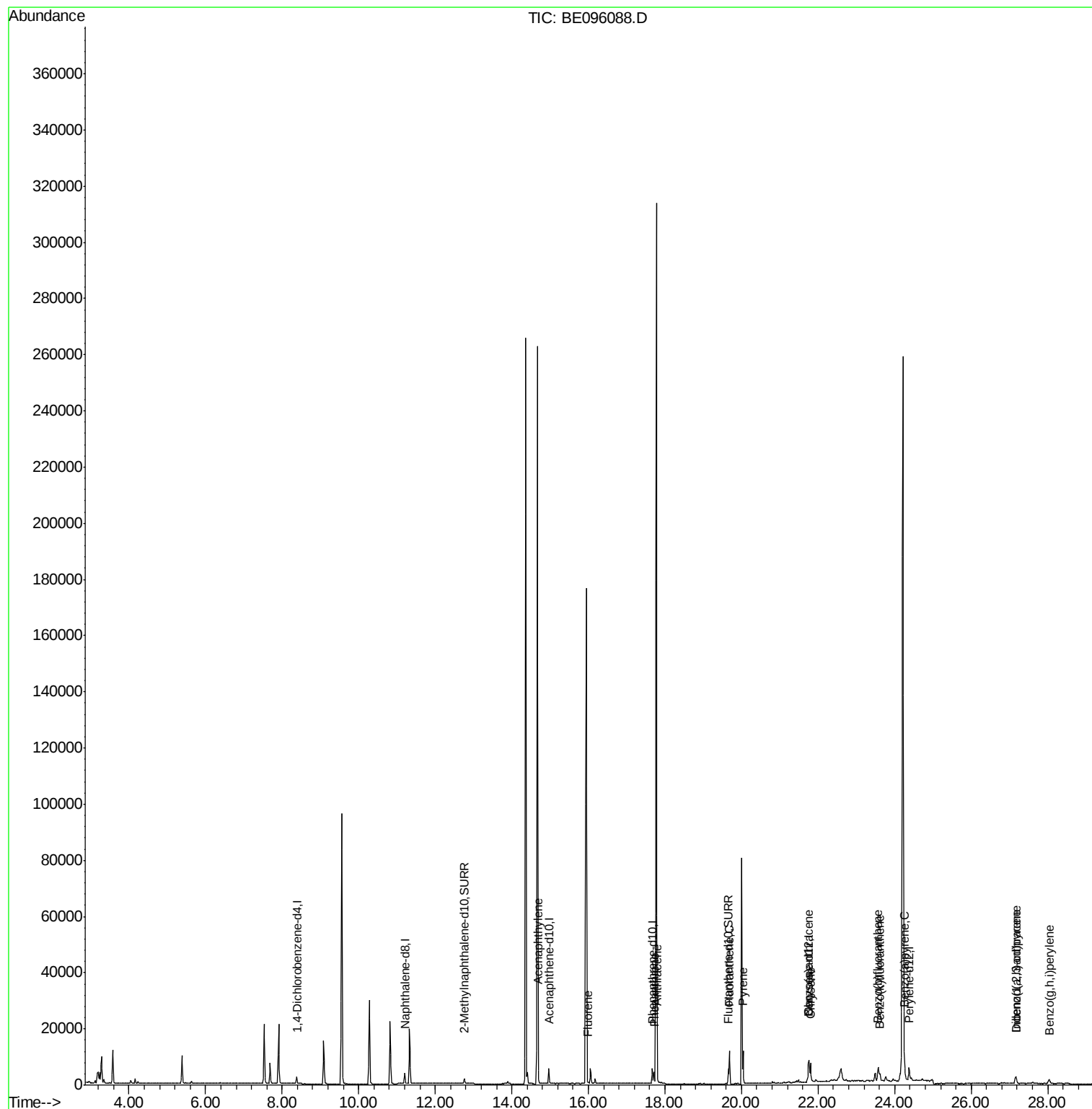
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096088.D
Acq On : 23 Apr 2018 17:01
Operator : SJ/JU
Sample : J2355-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

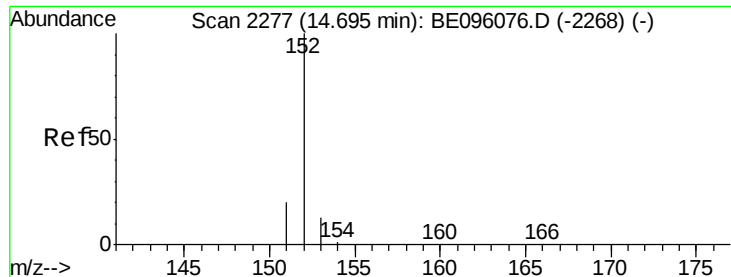
Instrument :
BNA_E
ClientSampleId :
A3Y30

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Quant Time: Apr 24 06:53:55 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.043 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE096088.D

Acq: 23 Apr 2018 17:01

Instrument :

BNA_E

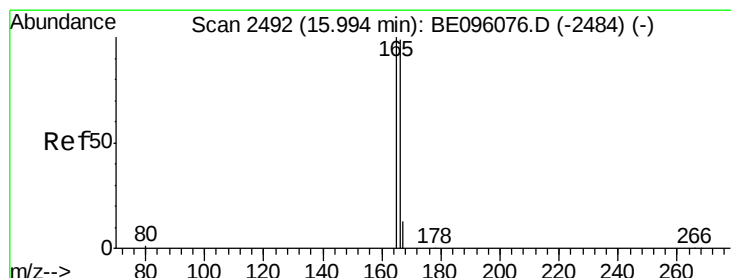
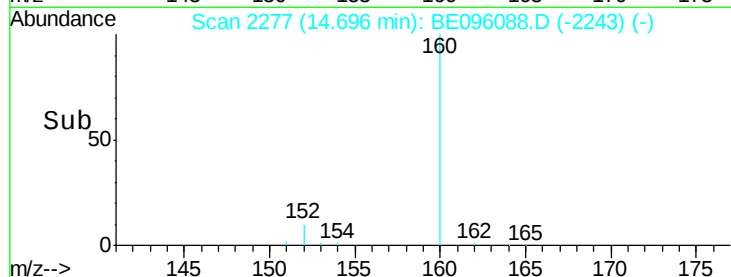
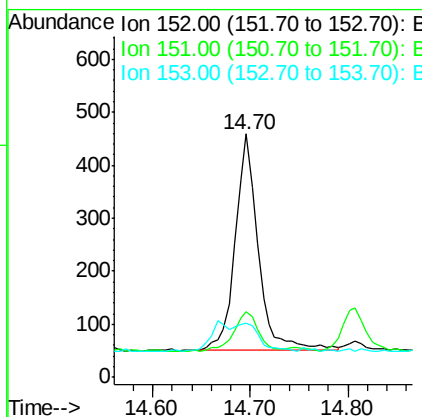
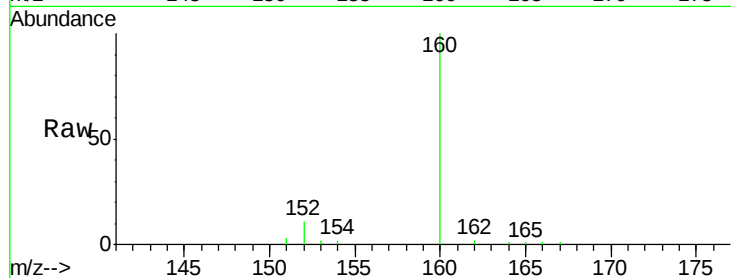
ClientSampleId :

A3Y30

Tot Ion:	152	Resp:	668
Ion Ratio	Lower	Upper	
152	100		
151	26.8	17.1	25.7#
153	22.4	12.8	19.2#

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#9

Fluorene

Concen: 0.021 ng/ul

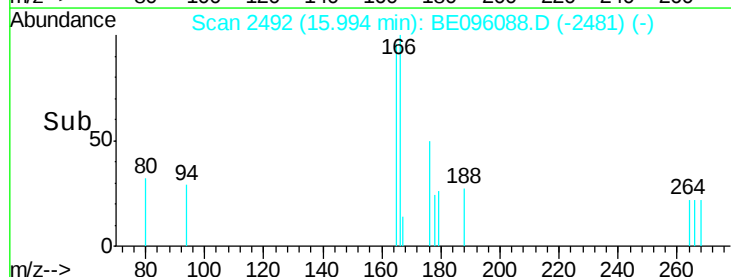
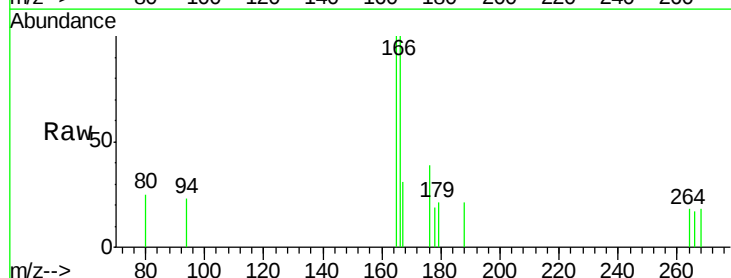
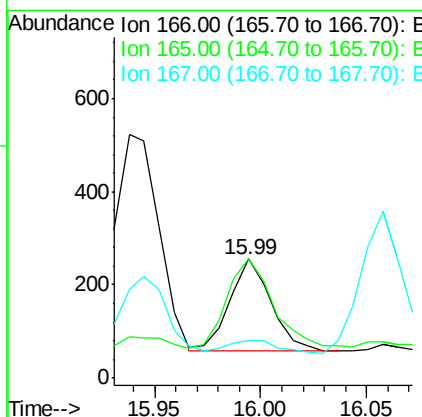
RT: 15.99 min Scan# 2492

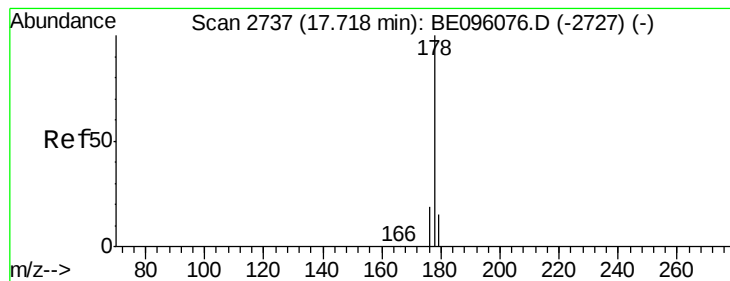
Delta R.T. 0.00 min

Lab File: BE096088.D

Acq: 23 Apr 2018 17:01

Tgt Ion:	166	Resp:	269
Ion Ratio	Lower	Upper	
166	100		
165	100.4	73.4	110.2
167	31.4	14.6	22.0#





#12

Phenanthrene

Concen: 0.231 ng/ul m

RT: 17.72 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BE096088.D

Acq: 23 Apr 2018 17:01

Instrument :

BNA_E

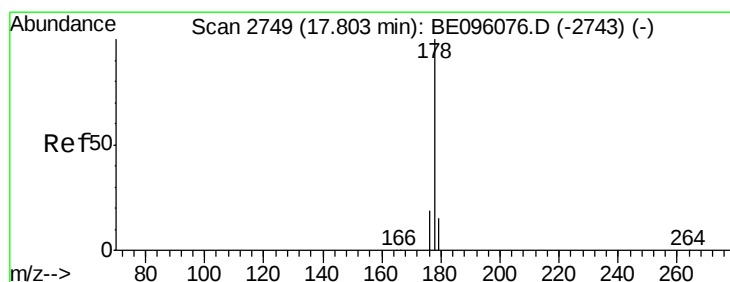
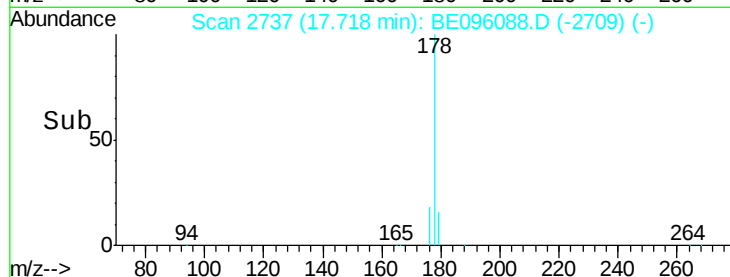
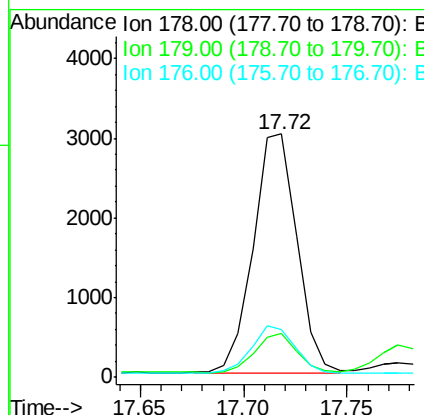
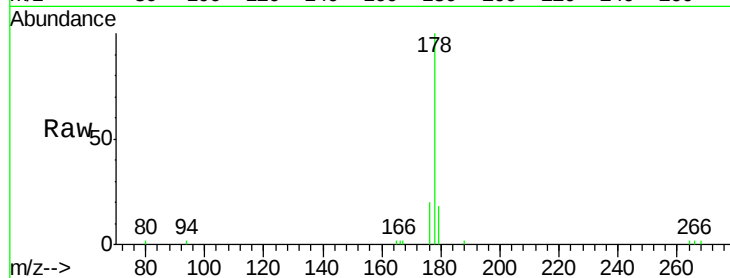
ClientSampleId :

A3Y30

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	18.4	27.6#
176	19.6	13.6	20.4

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#13

Anthracene

Concen: 0.039 ng/ul m

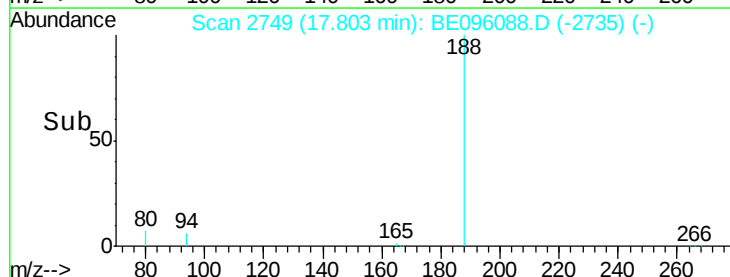
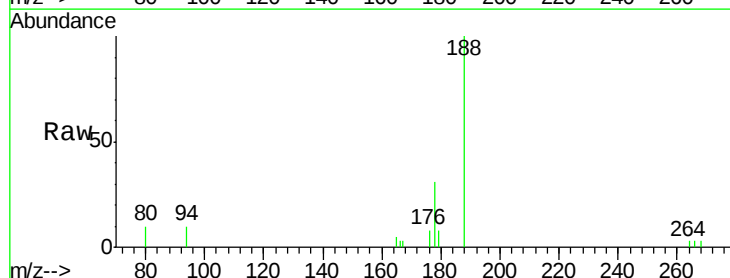
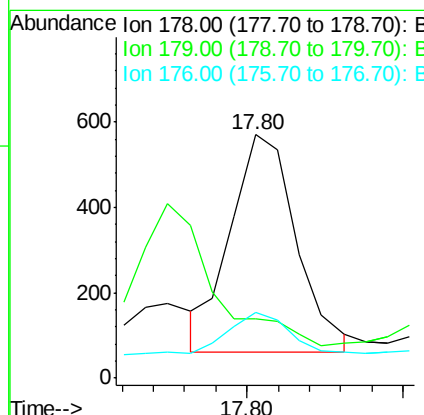
RT: 17.80 min Scan# 2749

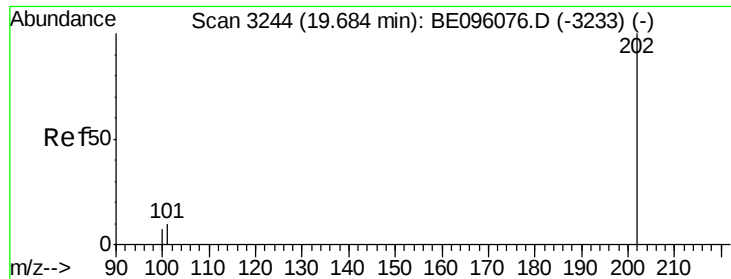
Delta R.T. 0.00 min

Lab File: BE096088.D

Acq: 23 Apr 2018 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.5	18.1	27.1
176	26.8	14.7	22.1#





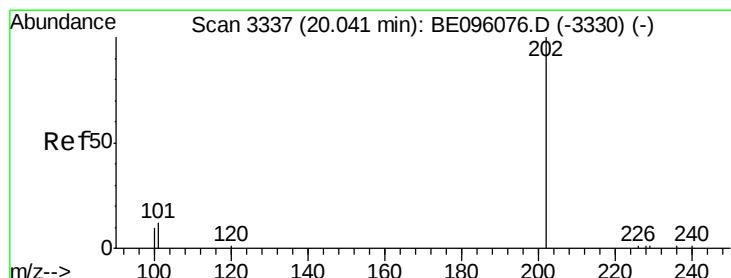
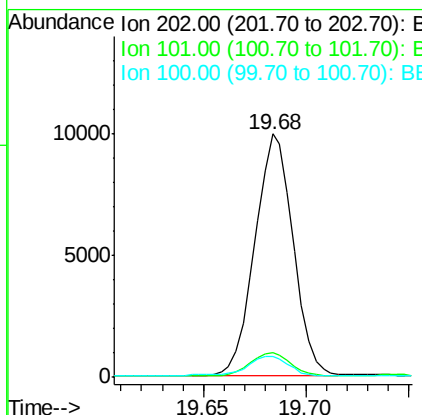
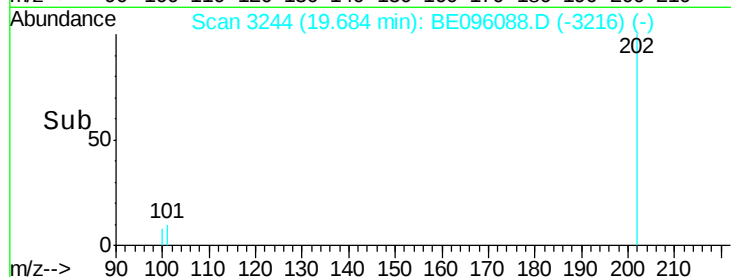
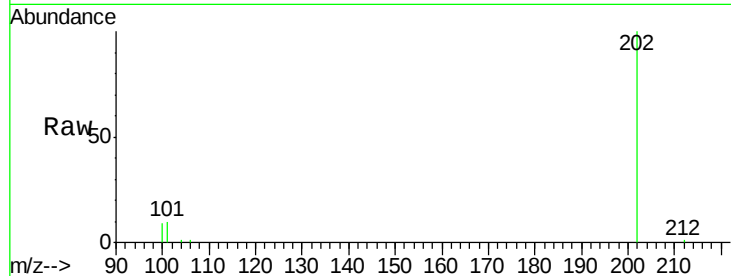
#15
Fluoranthene
 Concen: 0.492 ng/ul m
 RT: 19.68 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BE096088.D
 Acq: 23 Apr 2018 17:01

Instrument :
 BNA_E
 ClientSampleId :
 A3Y30

Tot Ion	Ratio	Resp	Lower	Upper
202	100	12808		
101	10.3		0.0	30.3
100	8.7		0.0	39.5

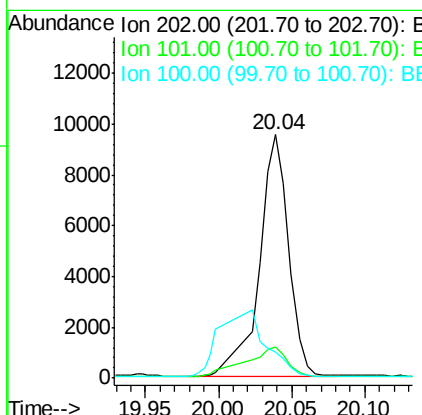
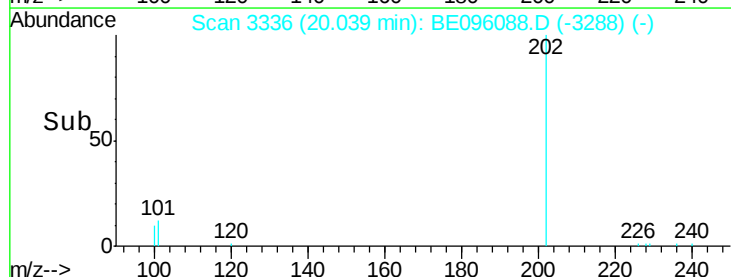
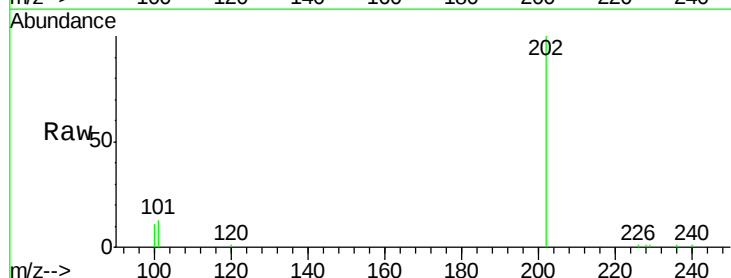
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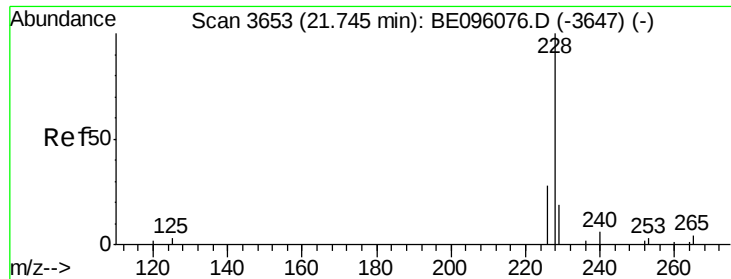
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#17
Pyrene
 Concen: 0.644 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: BE096088.D
 Acq: 23 Apr 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	13580		
101	12.7		18.2	27.4#
100	10.9		15.6	23.4#





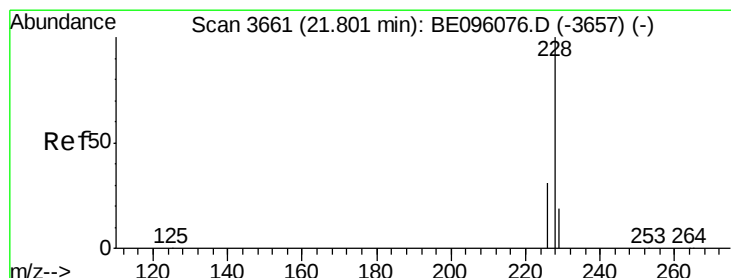
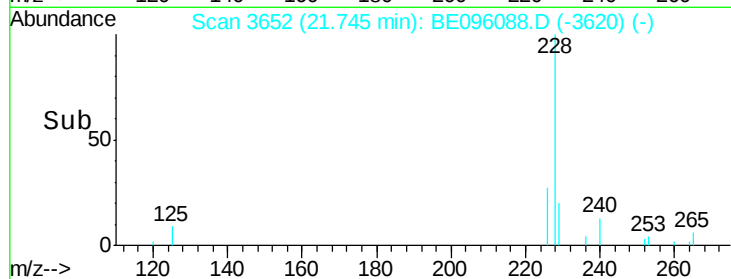
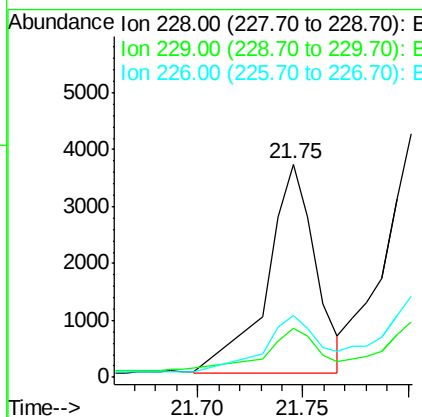
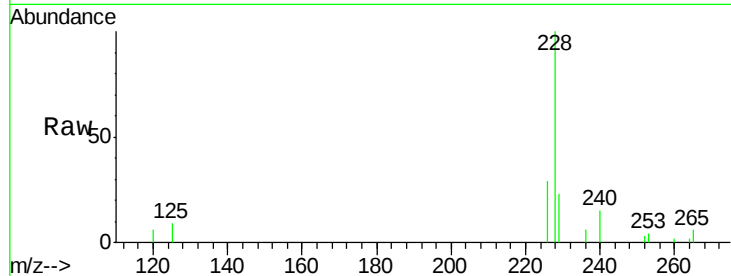
#18
Benzo(a)anthracene
Concen: 0.327 ng/ul m
RT: 21.75 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BE096088.D
Acq: 23 Apr 2018 17:01

Instrument :
BNA_E
ClientSampleId :
A3Y30

Tot Ion:228 Resp: 8194
Ion Ratio Lower Upper
228 100
229 23.3 22.8 34.2
226 29.3 17.0 25.6#

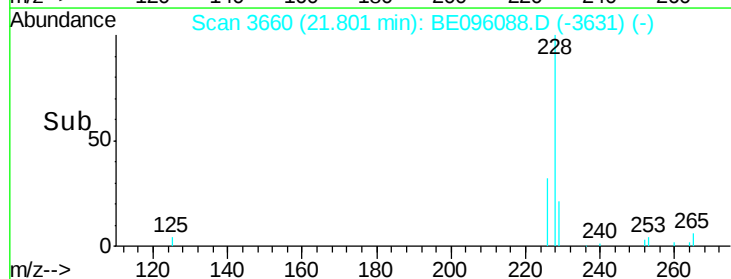
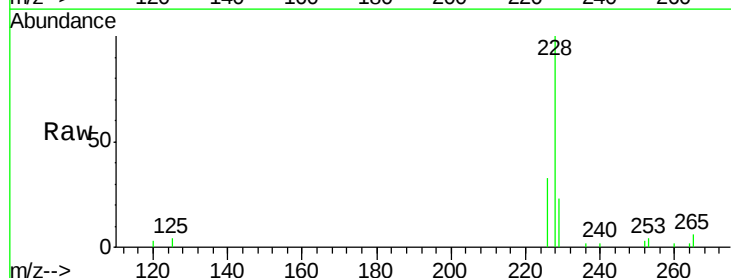
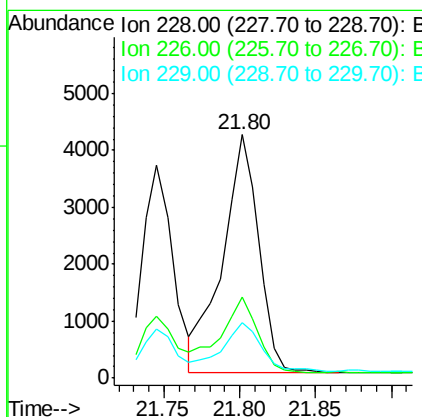
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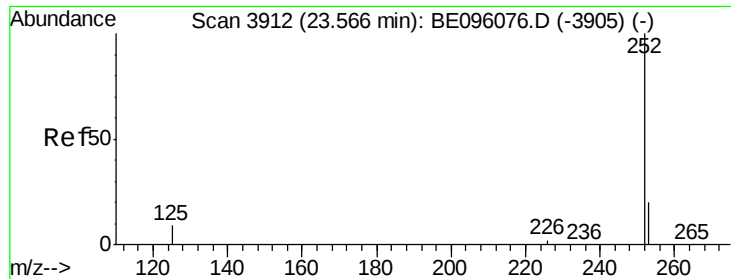
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#19
Chrysene
Concen: 0.383 ng/ul
RT: 21.80 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BE096088.D
Acq: 23 Apr 2018 17:01

Tgt Ion:228 Resp: 6919
Ion Ratio Lower Upper
228 100
226 33.2 23.4 35.0
229 22.9 17.7 26.5





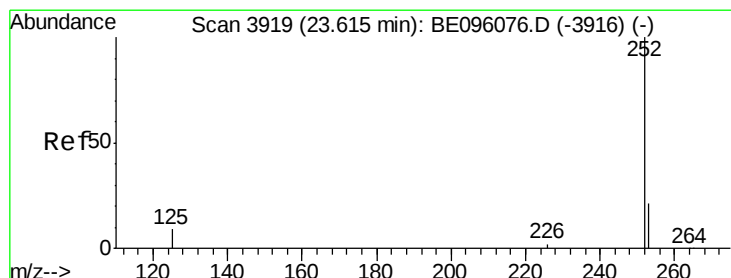
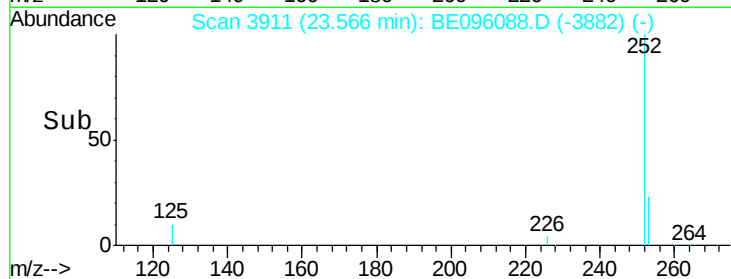
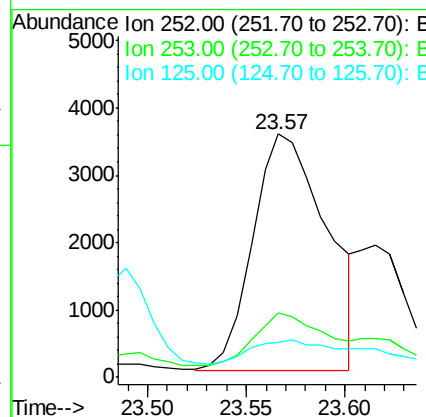
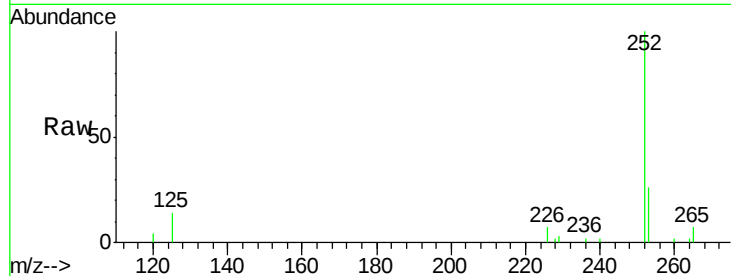
#21
Benzo(b)fluoranthene
Concen: 0.369 ng/ul m
RT: 23.57 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BE096088.D
Acq: 23 Apr 2018 17:01

Instrument :
BNA_E
ClientSampleId :
A3Y30

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	64.2
125	14.4	0.0	35.0

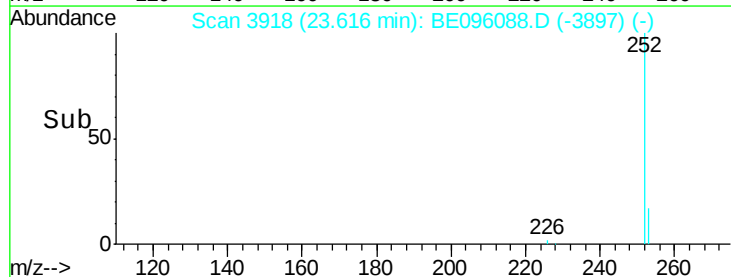
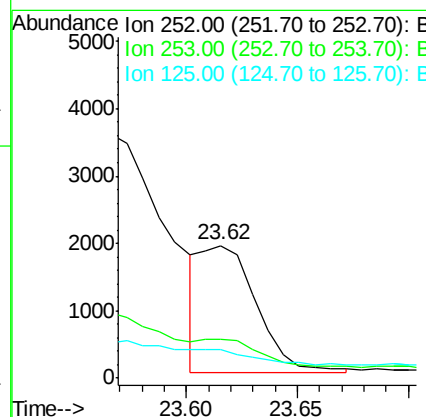
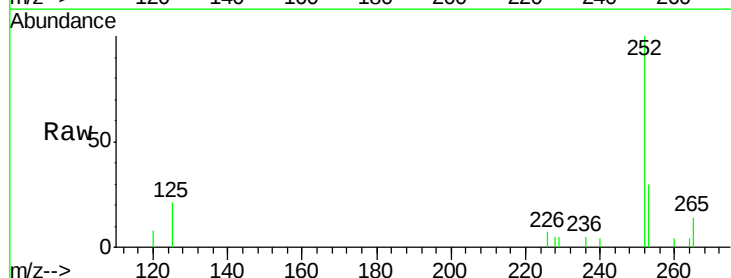
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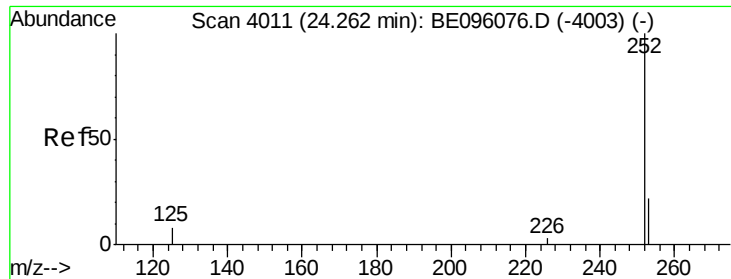
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#22
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 23.62 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BE096088.D
Acq: 23 Apr 2018 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	24.5	36.7
125	21.3	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.238 ng/ul

RT: 24.26 min Scan# 4009

Delta R.T. -0.01 min

Lab File: BE096088.D

Acq: 23 Apr 2018 17:01

Instrument :

BNA_E

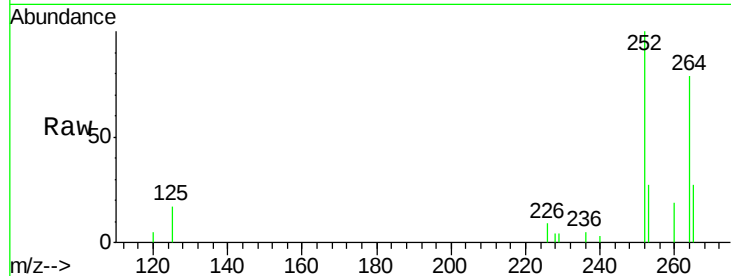
ClientSampleId :

A3Y30

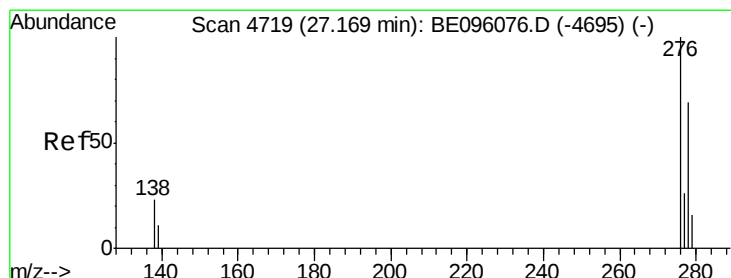
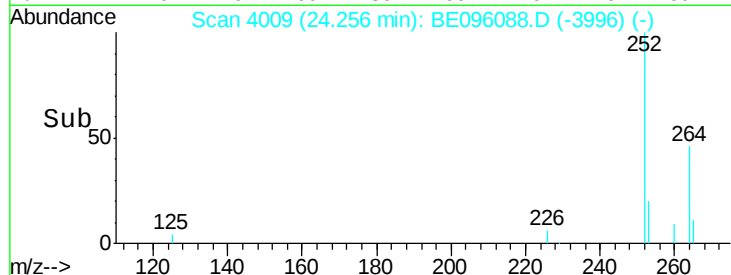
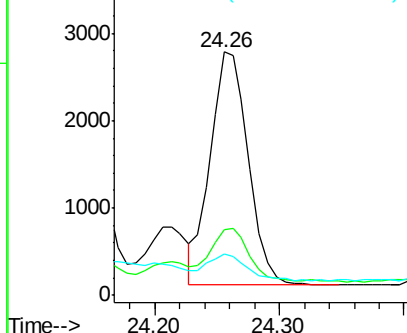
Tot Ion:	252	Resp:	5660
Ion Ratio	Lower	Upper	
252	100		
253	26.7	28.5	42.7#
125	16.8	18.1	27.1#

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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: 0.173 ng/ul

RT: 27.16 min Scan# 4716

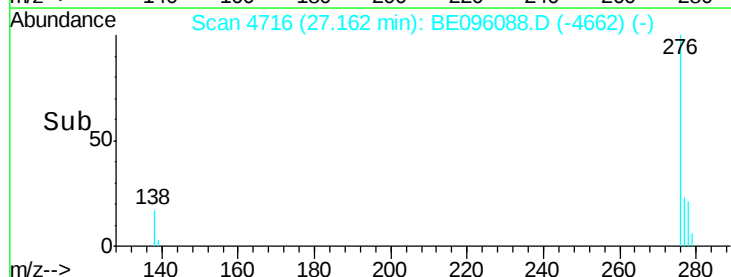
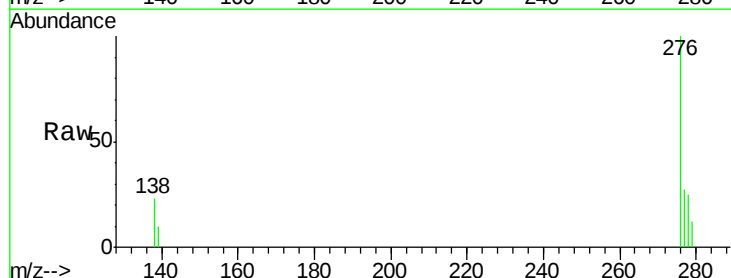
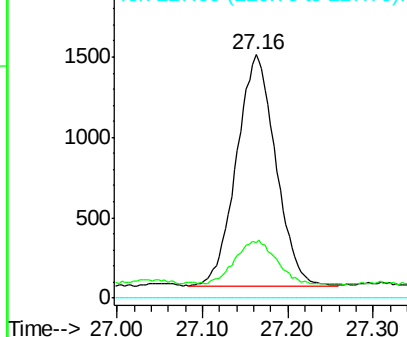
Delta R.T. -0.01 min

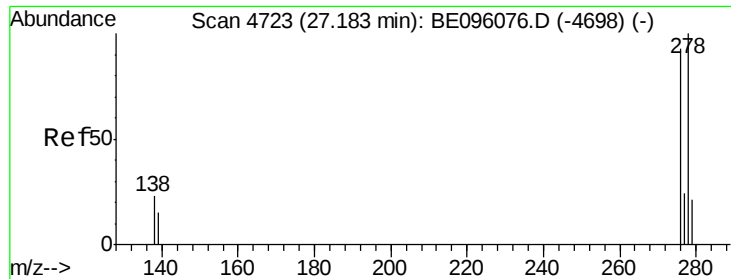
Lab File: BE096088.D

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Tgt Ion:	276	Resp:	4579
Ion Ratio	Lower	Upper	
276	100		
138	20.1	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





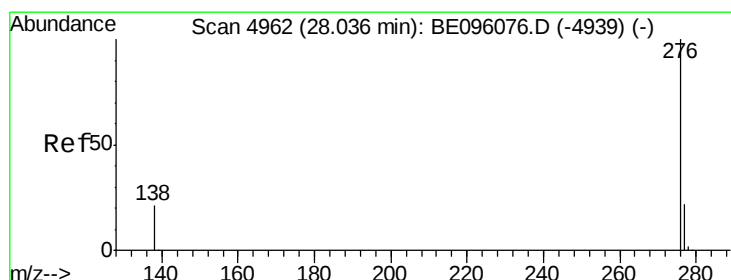
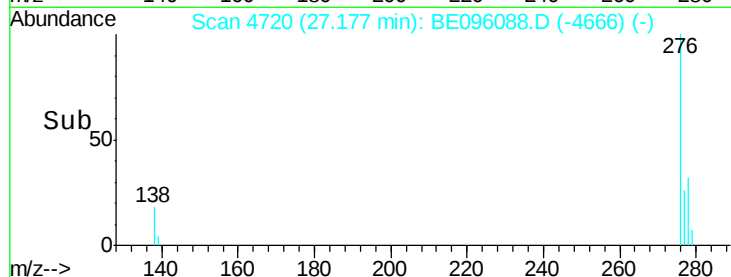
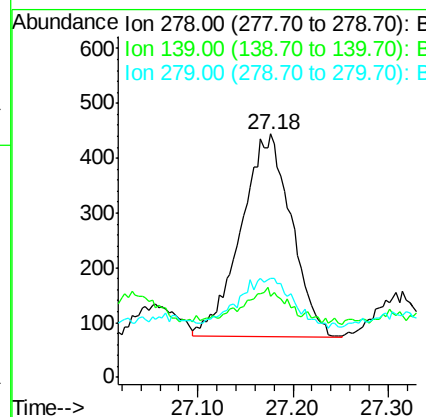
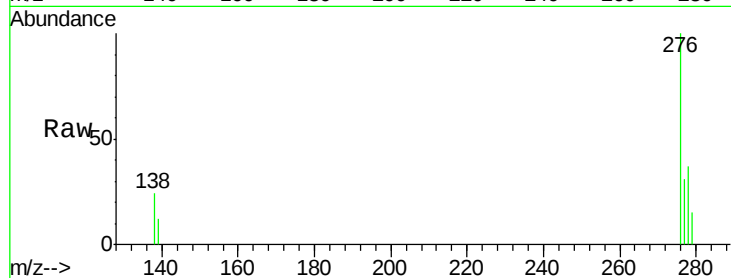
#25
Dibenzo(a,h)anthracene
Concen: 0.064 ng/uL
RT: 27.18 min Scan# 4720
Delta R.T. -0.01 min
Lab File: BE096088.D
Acq: 23 Apr 2018 17:01

Instrument :
BNA_E
ClientSampled :
A3Y30

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.3	17.4	26.0#
279	40.8	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.153 ng/uL
RT: 28.04 min Scan# 4961
Delta R.T. 0.00 min
Lab File: BE096088.D
Acq: 23 Apr 2018 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.8
277	28.3	20.5	30.7

