

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096106.D
 Acq On : 24 Apr 2018 3:49
 Operator : SJ/JU
 Sample : J2434-15DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0DL

Manual Integrations
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Sohil
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Quant Time: Apr 24 16:53:29 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 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1924	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2938	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6518	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7865	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6375	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	360	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	881	0.03	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.70	152	361	0.024	ng/ul#	67
8) Acenaphthene	15.03	153	235	0.022	ng/ul#	89
12) Phenanthrene	17.72	178	5081	0.264	ng/ul#	88
13) Anthracene	17.81	178	1010	0.053	ng/ul#	92
15) Fluoranthene	19.69	202	15652	0.599	ng/ul	84
17) Pyrene	20.04	202	14820	0.555	ng/ul#	81
18) Benzo(a)anthracene	21.75	228	9852	0.310	ng/ul#	88
19) Chrysene	21.81	228	8236	0.360	ng/ul	94
21) Benzo(b)fluoranthene	23.57	252	13000m	0.630	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	4217m	0.205	ng/ul	
23) Benzo(a)pyrene	24.26	252	9199	0.462	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.17	276	6506	0.294	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.17	278	1683	0.094	ng/ul#	76
26) Benzo(g,h,i)perylene	28.05	276	6424	0.348	ng/ul	95

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

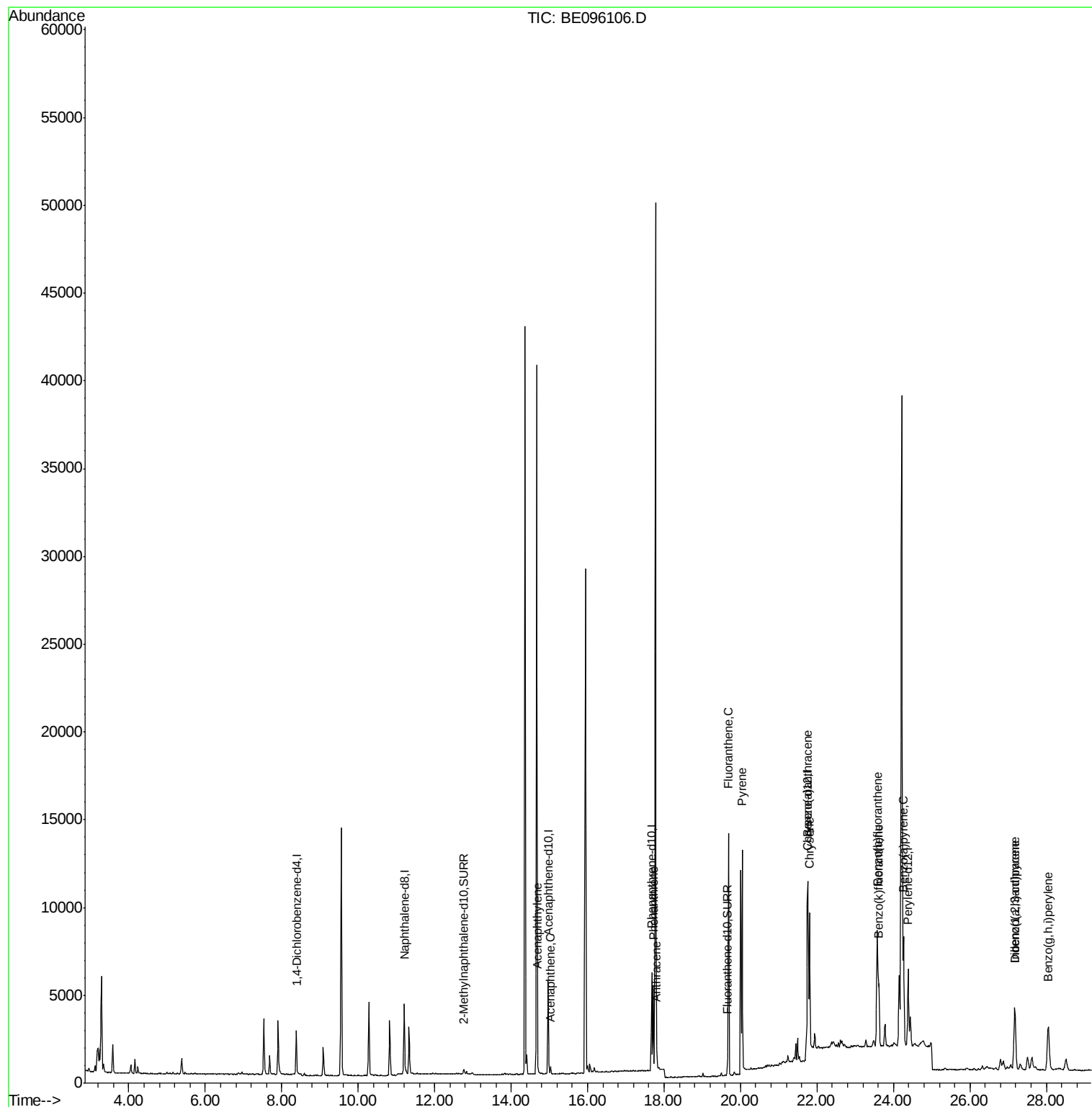
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096106.D
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Operator : SJ/JU
Sample : J2434-15DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

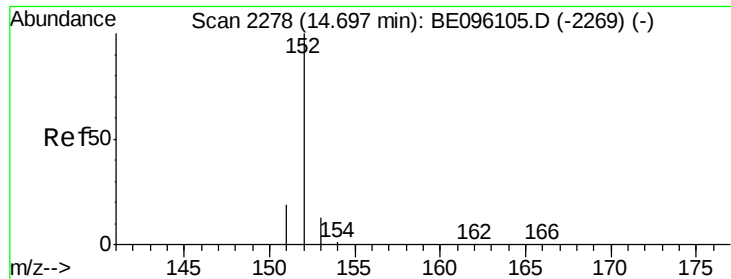
Instrument :
BNA_E
ClientSampleId :
C0AD0DL

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Quant Time: Apr 24 16:53:29 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 06:59:54 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

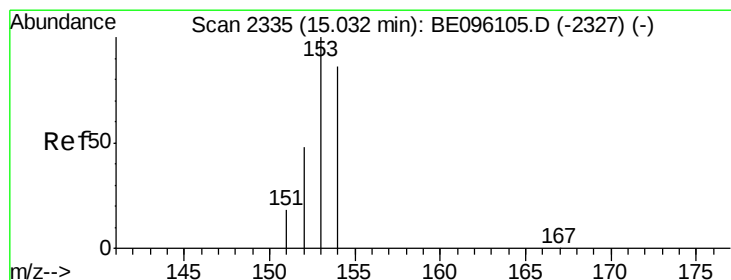
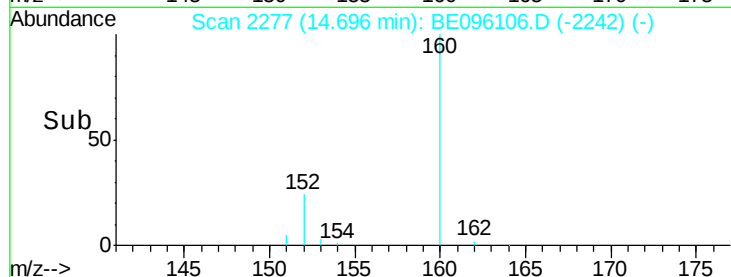
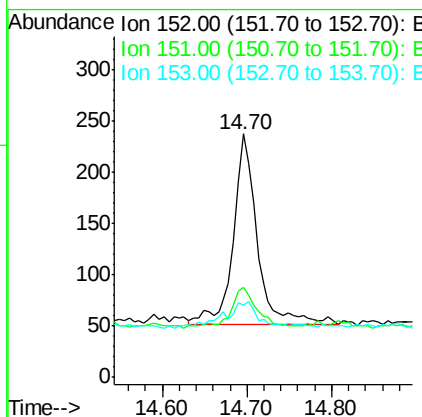
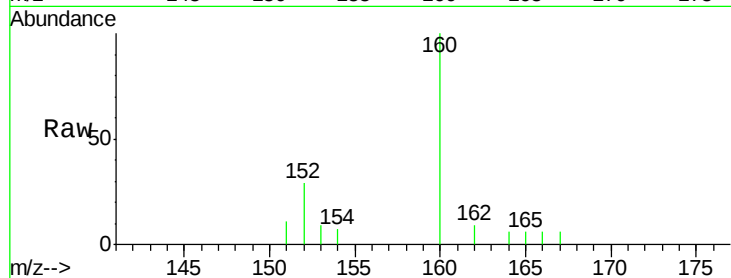
ClientSampleId :

C0AD0DL

Tot Ion:	152	Resp:	361
Ion Ratio	Lower	Upper	
152	100		
151	37.0	17.1	25.7#
153	29.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.022 ng/ul

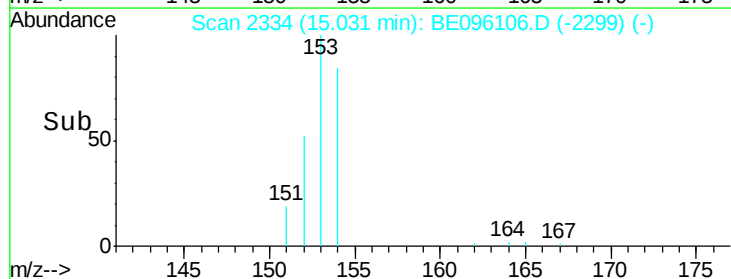
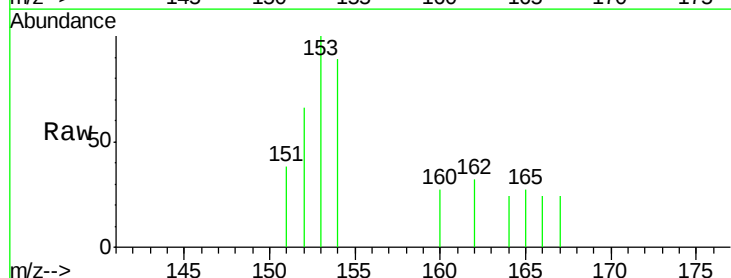
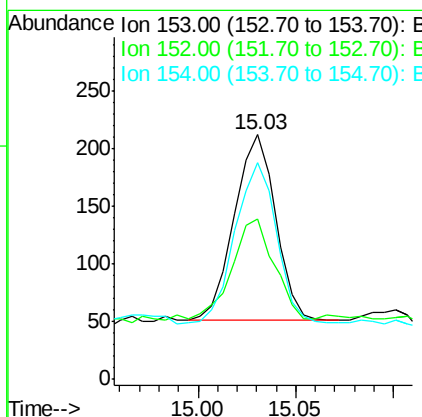
RT: 15.03 min Scan# 2334

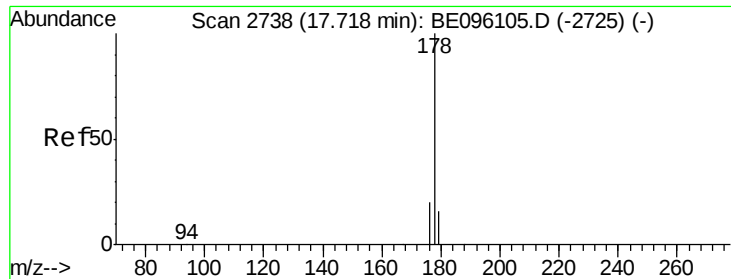
Delta R.T. 0.01 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Tgt Ion:	153	Resp:	235
Ion Ratio	Lower	Upper	
153	100		
152	65.6	36.0	54.0#
154	88.7	72.0	108.0





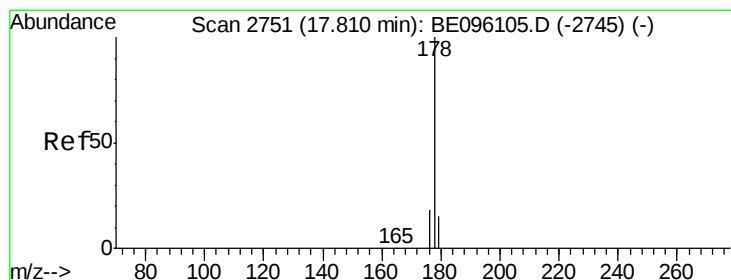
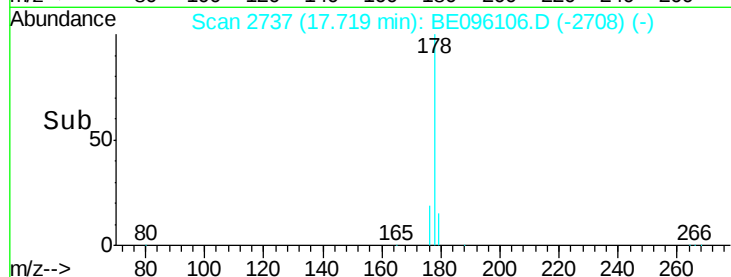
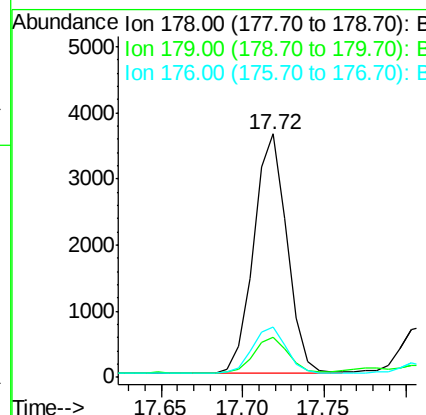
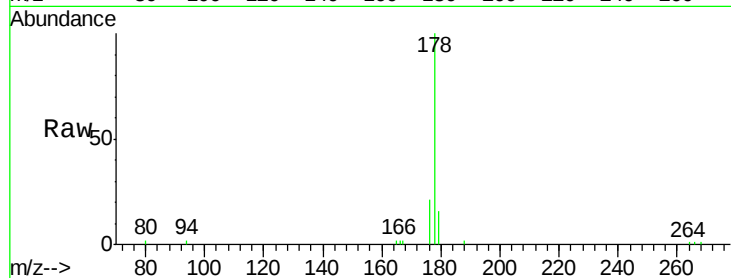
#12
Phenanthrene
Concen: 0.264 ng/ul
RT: 17.72 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BE096106.D
Acq: 24 Apr 2018 3:49

Instrument :
BNA_E
ClientSampled :
C0AD0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	20.8	13.6	20.4#

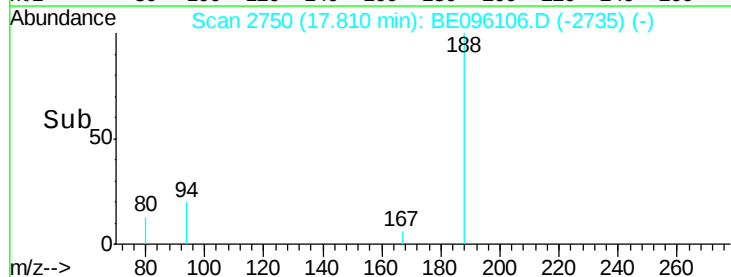
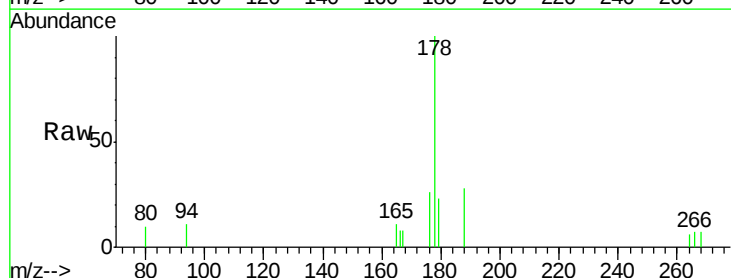
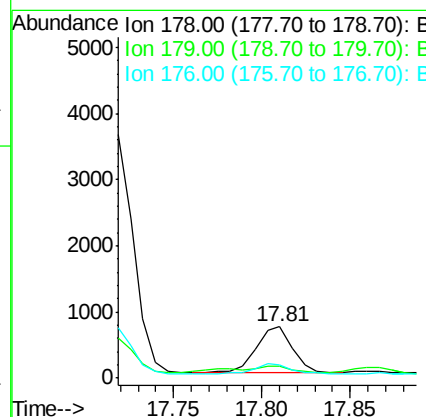
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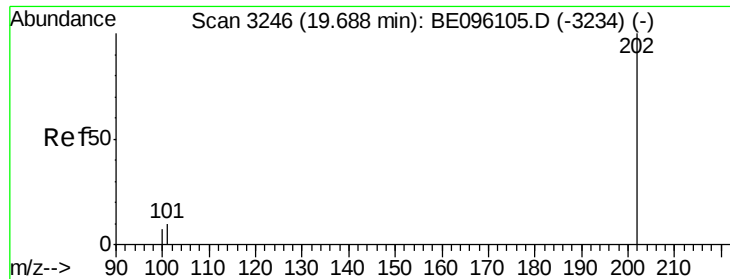
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#13
Anthracene
Concen: 0.053 ng/ul
RT: 17.81 min Scan# 2750
Delta R.T. 0.01 min
Lab File: BE096106.D
Acq: 24 Apr 2018 3:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.8	18.1	27.1
176	26.3	14.7	22.1#





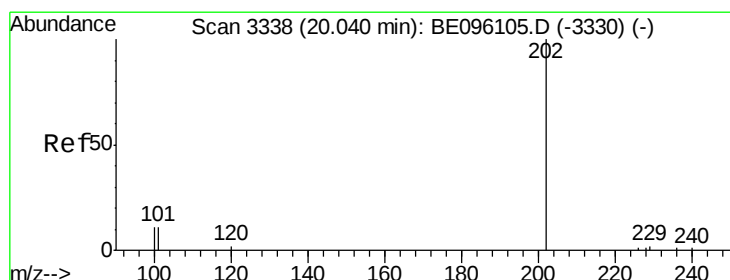
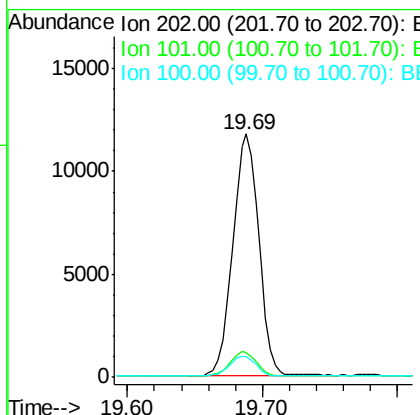
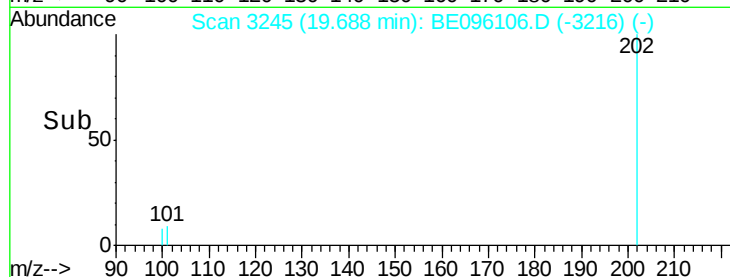
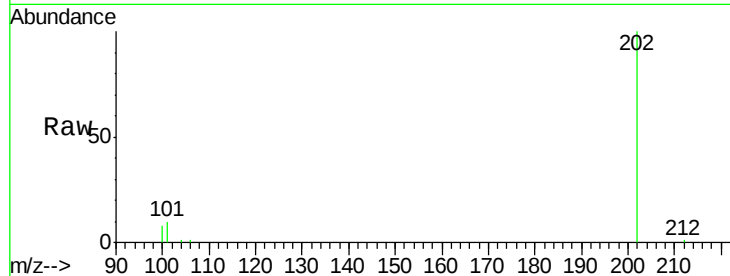
#15
Fluoranthene
 Concen: 0.599 ng/ul
 RT: 19.69 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BE096106.D
 Acq: 24 Apr 2018 3:49

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.3
100	8.4	0.0	39.5

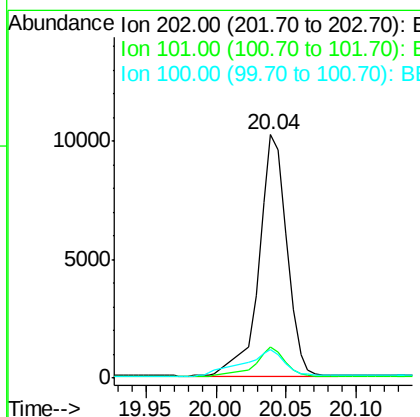
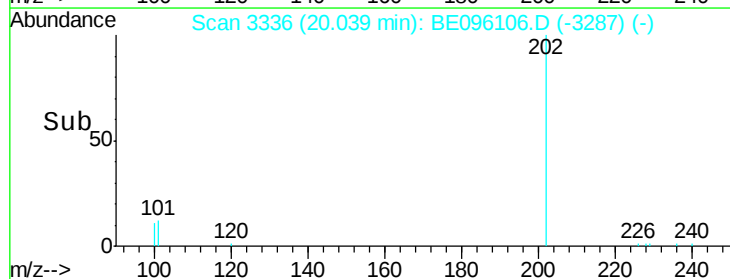
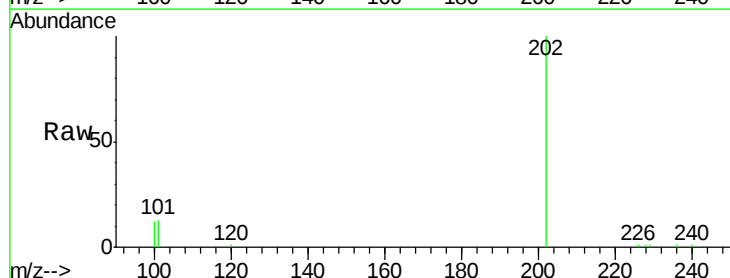
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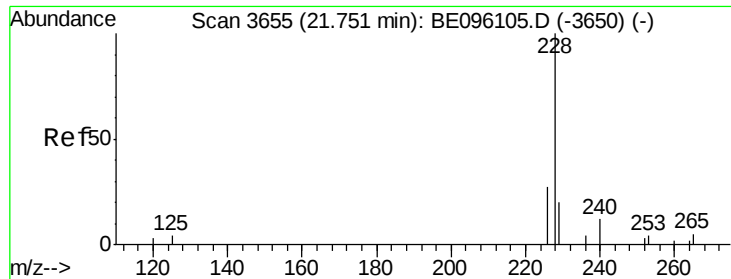
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#17
Pyrene
 Concen: 0.555 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: BE096106.D
 Acq: 24 Apr 2018 3:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.9	15.6	23.4#





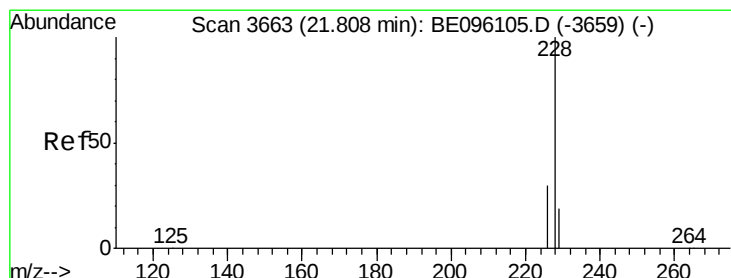
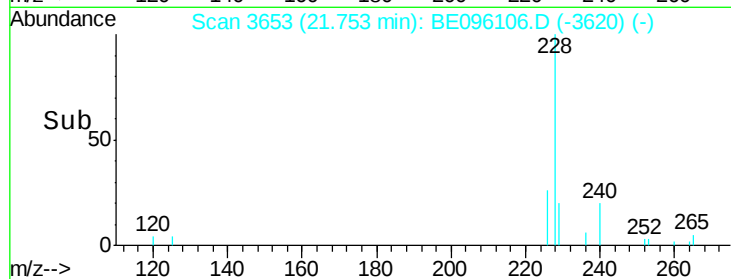
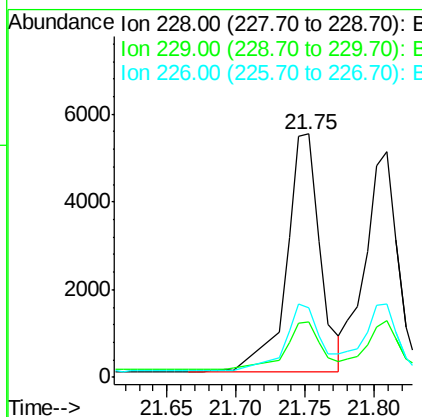
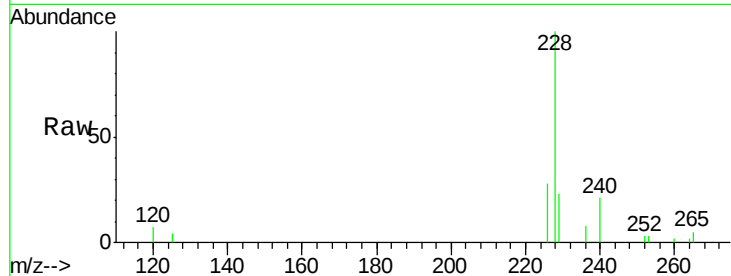
#18
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.75 min Scan# 3653
Delta R.T. 0.01 min
Lab File: BE096106.D
Acq: 24 Apr 2018 3:49

Instrument :
BNA_E
ClientSampled :
C0AD0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.0	22.8	34.2
226	28.3	17.0	25.6

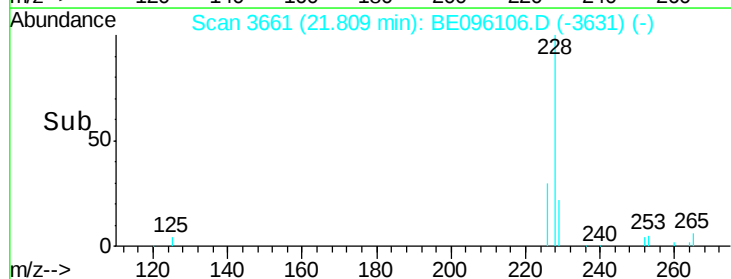
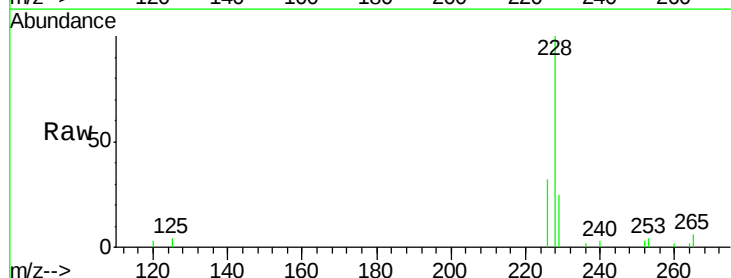
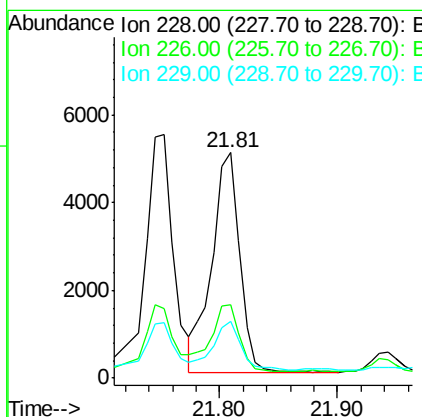
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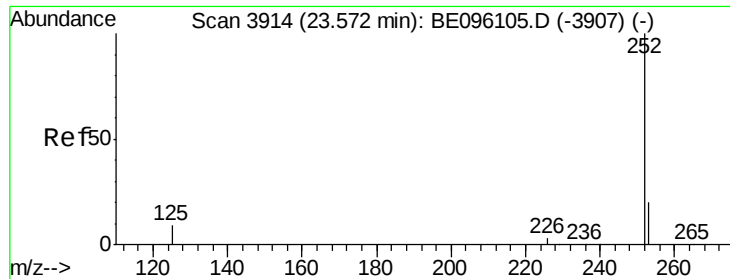
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#19
Chrysene
Concen: 0.360 ng/ul
RT: 21.81 min Scan# 3661
Delta R.T. 0.01 min
Lab File: BE096106.D
Acq: 24 Apr 2018 3:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.0
229	25.0	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.630 ng/ul m

RT: 23.57 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

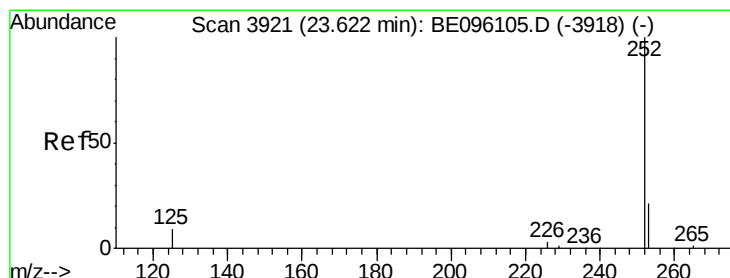
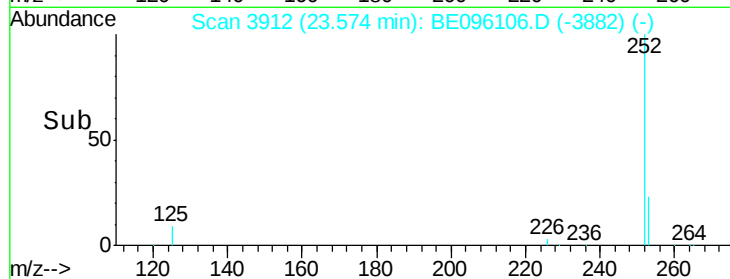
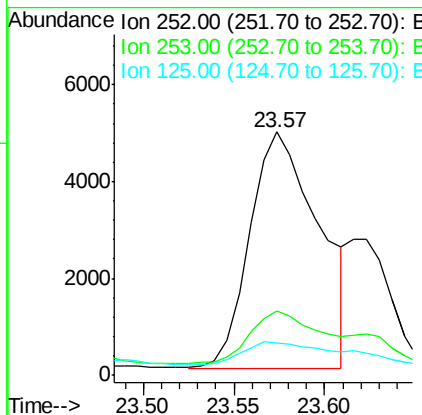
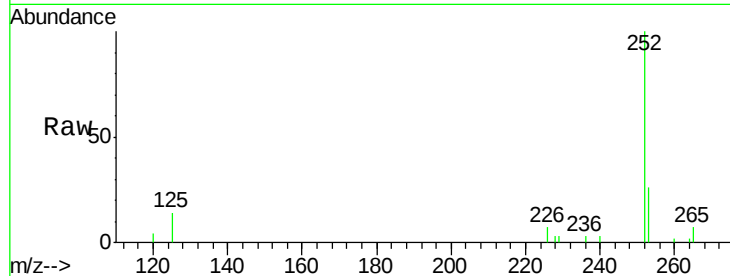
ClientSampleId :

C0AD0DL

Tot Ion:	252	Resp:	13000
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	64.2
125	13.5	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.205 ng/ul m

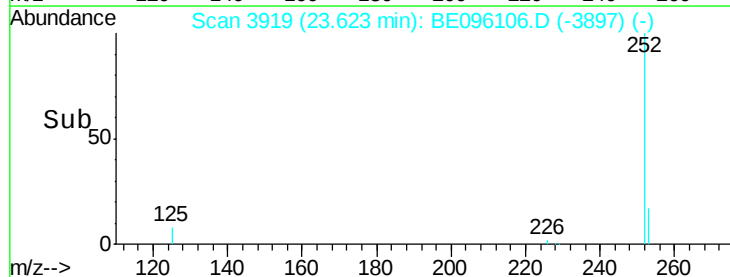
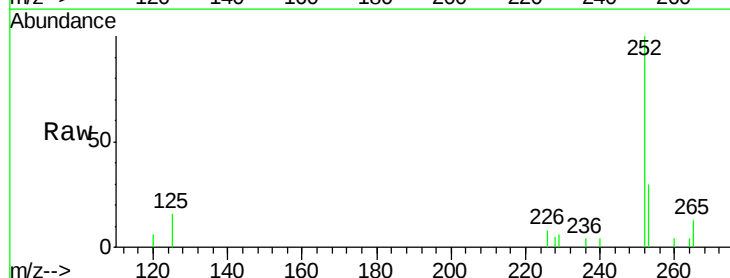
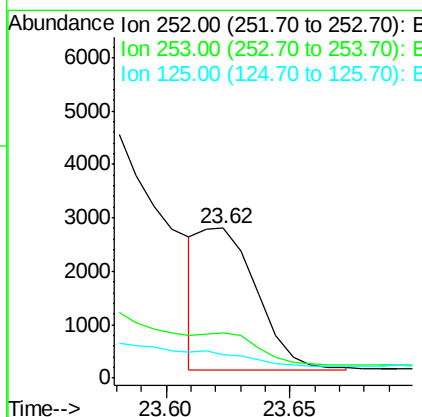
RT: 23.62 min Scan# 3919

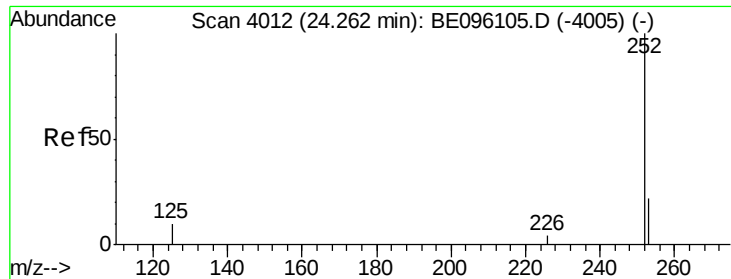
Delta R.T. 0.00 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Tgt Ion:	252	Resp:	4217
Ion Ratio	Lower	Upper	
252	100		
253	30.2	24.5	36.7
125	15.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.462 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. 0.00 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

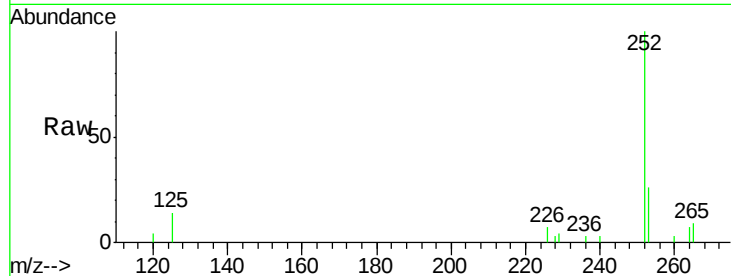
ClientSampleId :

C0AD0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	28.5	42.7#
125	14.1	18.1	27.1#

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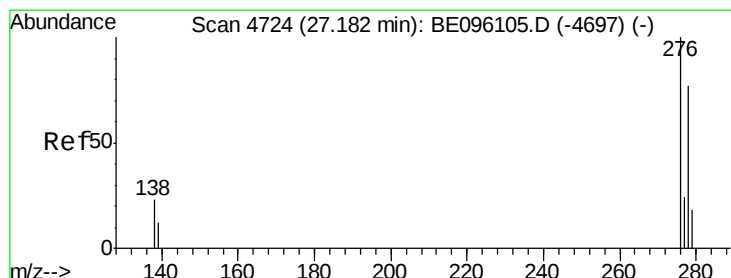
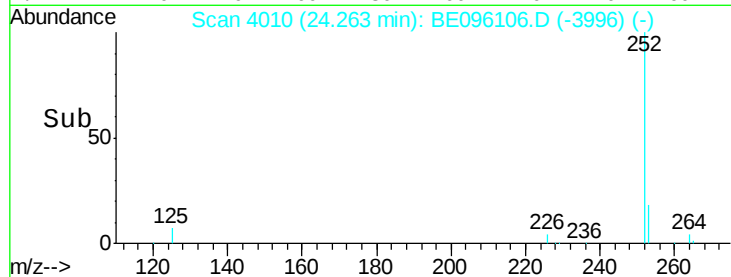
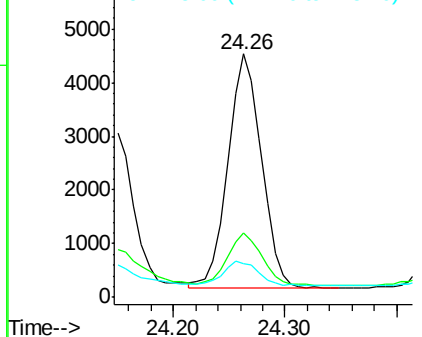


Abundance

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: 0.294 ng/ul

RT: 27.17 min Scan# 4719

Delta R.T. 0.01 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

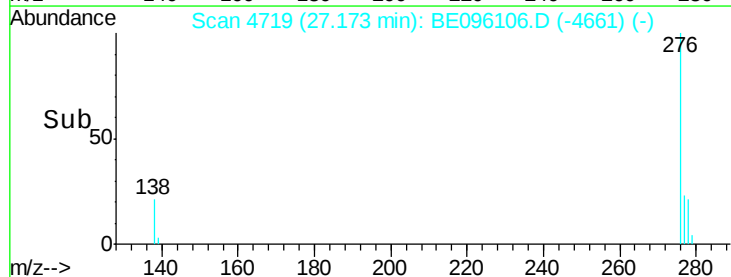
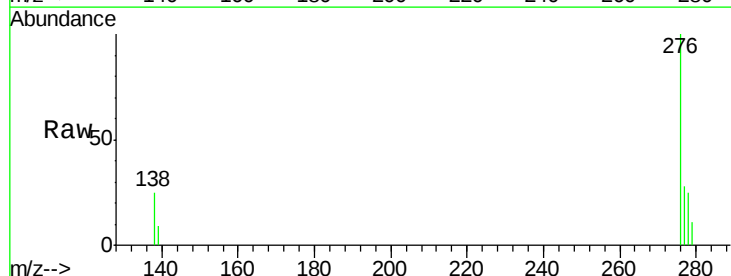
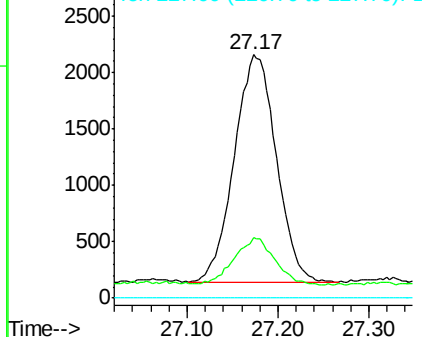
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

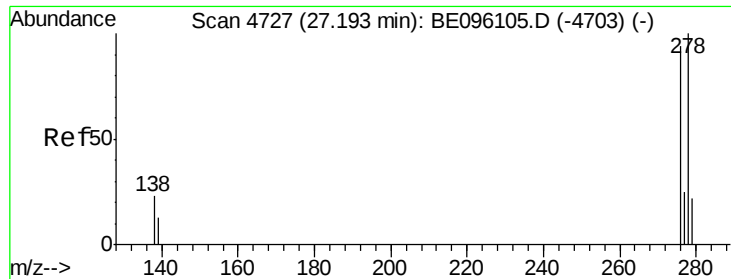
Abundance

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: 0.094 ng/uL

RT: 27.17 min Scan# 4719

Delta R.T. -0.01 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

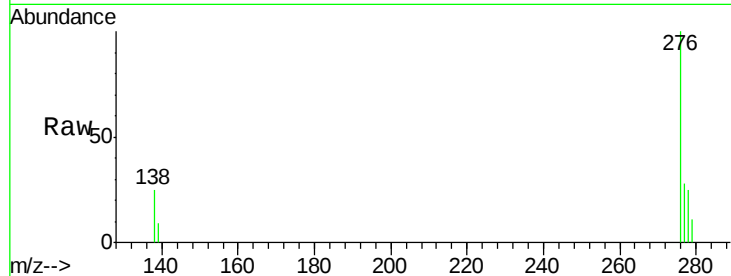
ClientSampleId :

C0AD0DL

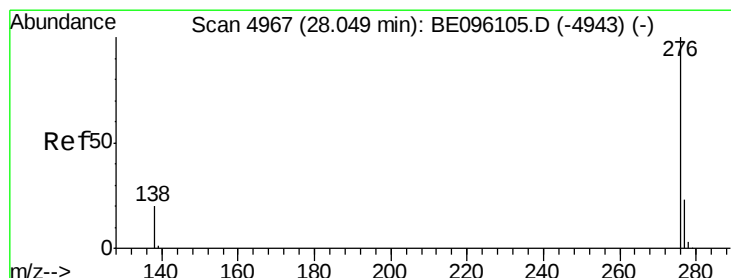
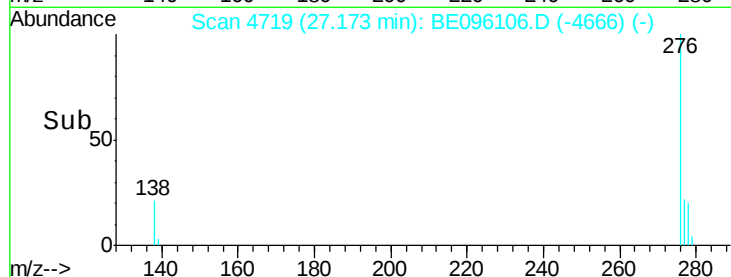
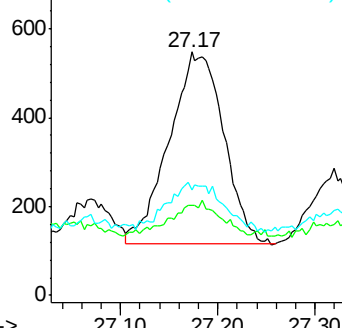
Tot Ion:	278	Resp:	1683
Ion Ratio	Lower	Upper	
278	100		
139	36.9	17.4	26.0#
279	43.2	25.9	38.9#

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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: 0.348 ng/uL

RT: 28.05 min Scan# 4965

Delta R.T. 0.02 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Tgt Ion:	276	Resp:	6424
Ion Ratio	Lower	Upper	
276	100		
138	24.4	21.8	32.8
277	28.0	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

