

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096072.D
 Acq On : 21 Apr 2018 10:09
 Operator : SJ/JU
 Sample : J2434-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:34 PM

Quant Time: Apr 23 04:06:52 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	8.39	152	2138	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6219	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3585	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7896m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7254m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7322m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2149	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	5762m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	1580	0.091	ng/ul#	86
5) 2-Methylnaphthalene	12.83	142	807	0.069	ng/ul	97
7) Acenaphthylene	14.70	152	1328	0.071	ng/ul#	90
8) Acenaphthene	15.03	153	2647	0.199	ng/ul	93
9) Fluorene	15.99	166	2524	0.168	ng/ul	92
12) Phenanthrene	17.72	178	47910m	2.059	ng/ul	
13) Anthracene	17.81	178	13648m	0.589	ng/ul	
15) Fluoranthene	19.69	202	137479m	4.342	ng/ul	
17) Pyrene	20.04	202	140979	5.719	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	106468m	3.633	ng/ul	
19) Chrysene	21.81	228	88552	4.198	ng/ul	98
21) Benzo(b)fluoranthene	23.57	252	140926m	5.948	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	49998m	2.118	ng/ul	
23) Benzo(a)pyrene	24.27	252	108197m	4.732	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.17	276	75145m	2.957	ng/ul	
25) Dibenzo(a,h)anthracene	27.18	278	19211m	0.939	ng/ul	
26) Benzo(a,h,i)perylene	28.05	276	74775m	3.523	ng/ul	

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

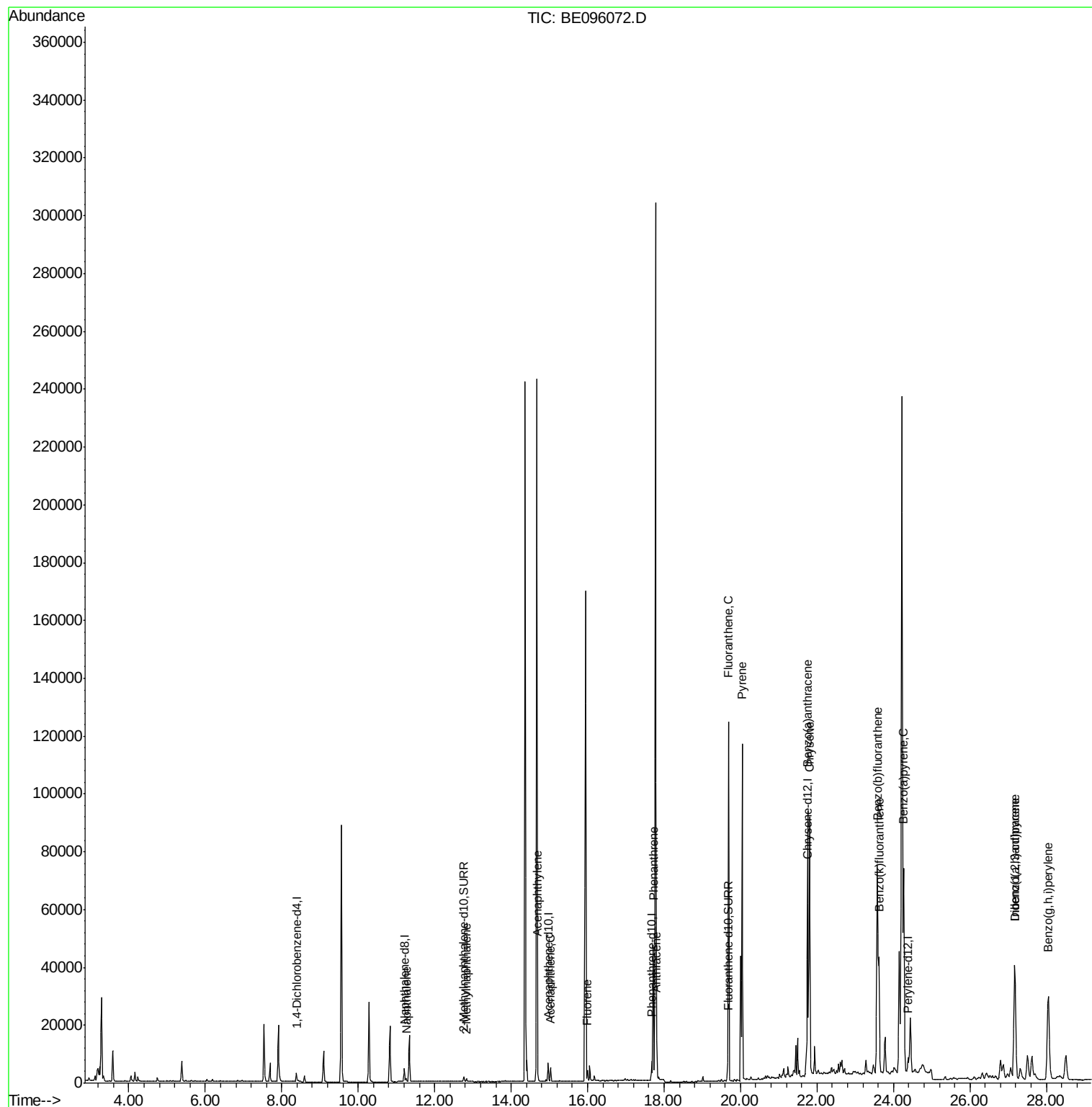
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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ALS Vial : 29 Sample Multiplier: 1

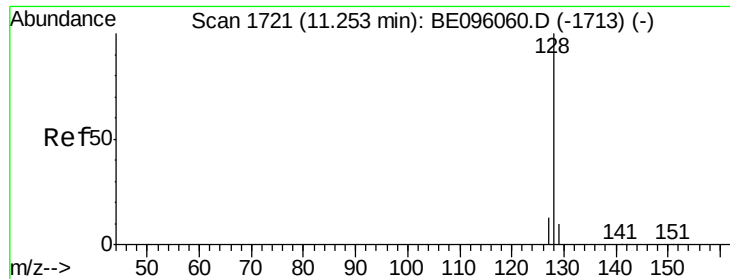
Instrument :
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#3

Naphthalene

Concen: 0.091 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

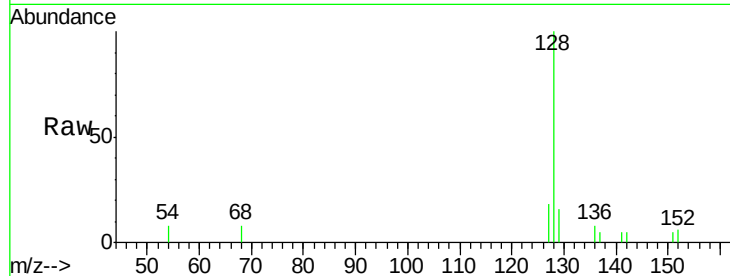
ClientSampleId :

C0AC3

Tot Ion:	128	Resp:	1580
Ion Ratio	Lower	Upper	
128	100		
129	16.2	11.3	16.9
127	18.3	4.0	6.0#

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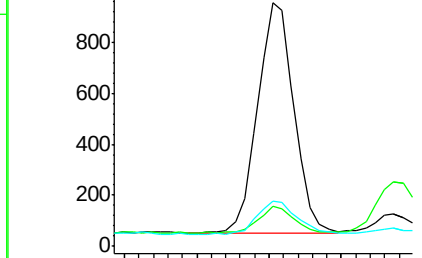
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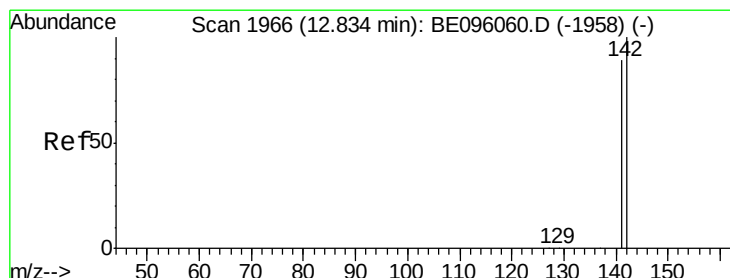
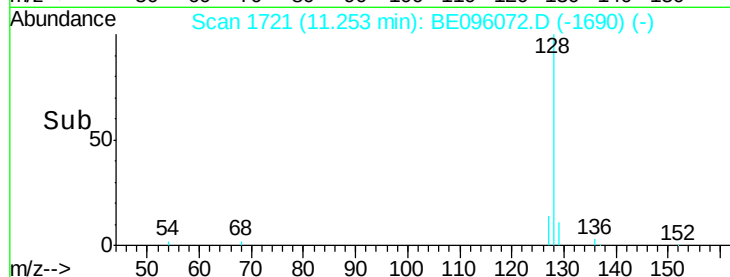
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

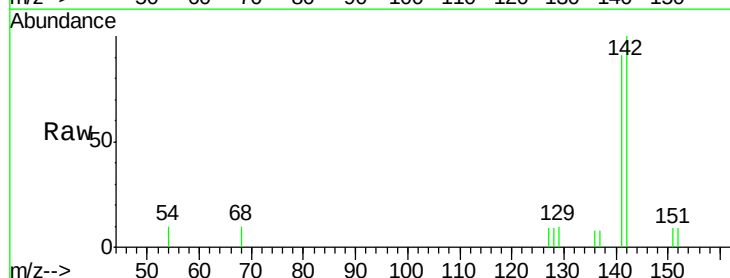
RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096072.D

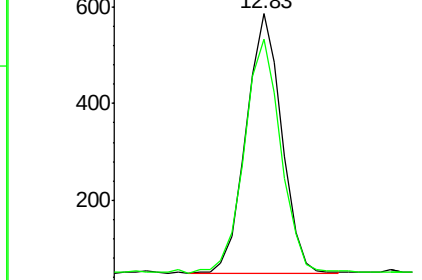
Acq: 21 Apr 2018 10:09

Tgt Ion:	142	Resp:	807
Ion Ratio	Lower	Upper	
142	100		
141	93.4	72.6	108.8

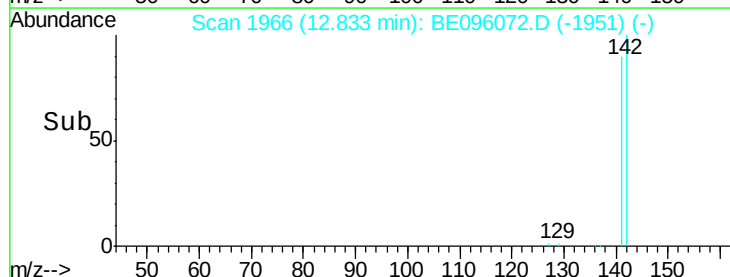


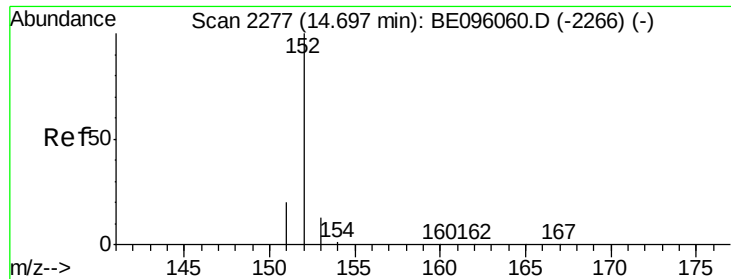
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

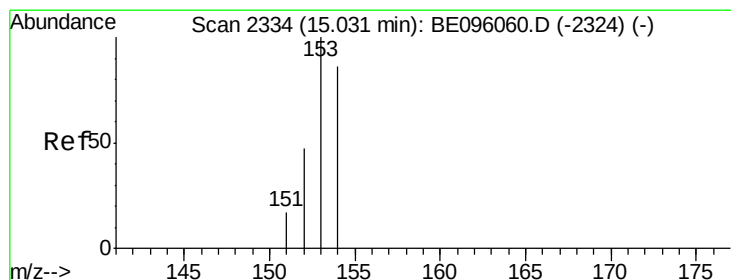
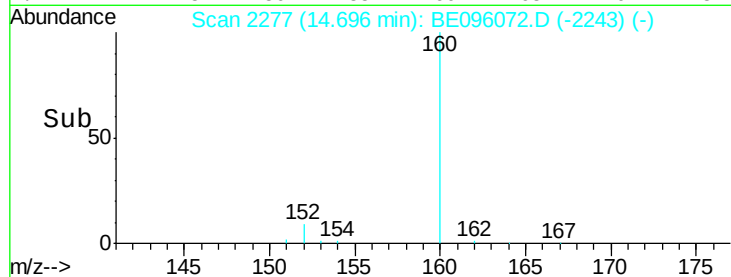
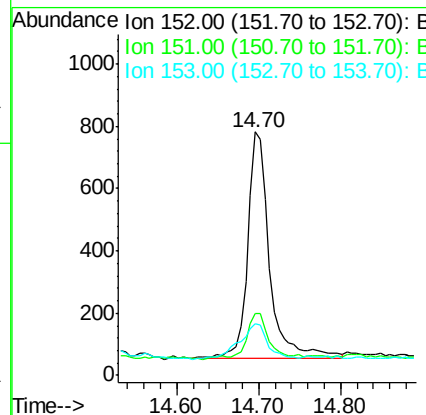
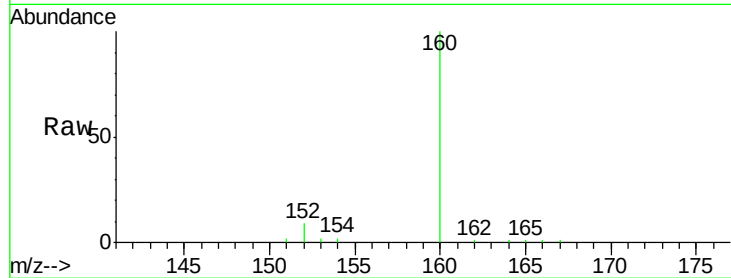
ClientSampleId :

C0AC3

Tot Ion:	152	Resp:	1328
Ion Ratio	Lower	Upper	
152	100		
151	25.3	17.1	25.7
153	21.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.199 ng/ul

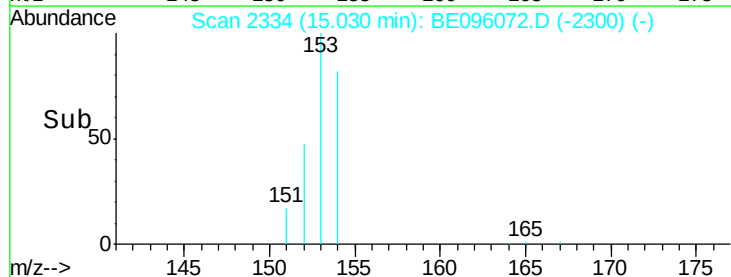
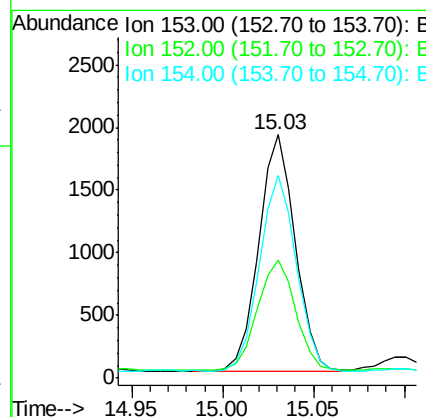
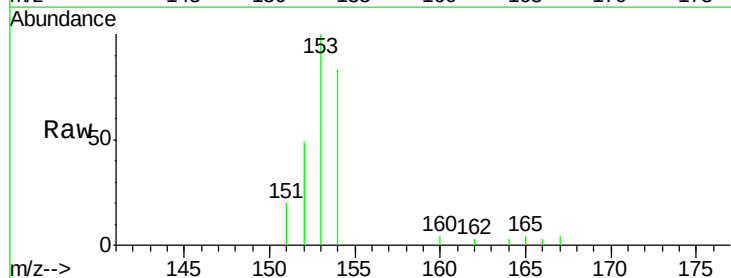
RT: 15.03 min Scan# 2334

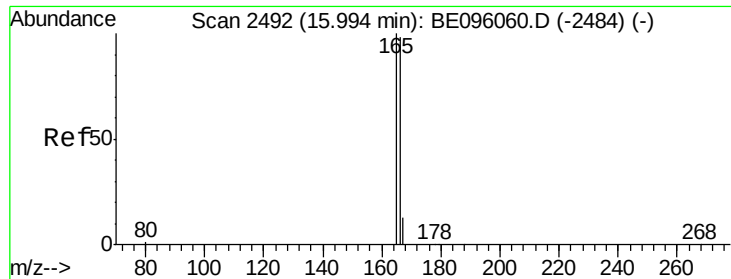
Delta R.T. -0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Tgt Ion:	153	Resp:	2647
Ion Ratio	Lower	Upper	
153	100		
152	48.7	36.0	54.0
154	83.3	72.0	108.0





#9

Fluorene

Concen: 0.168 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

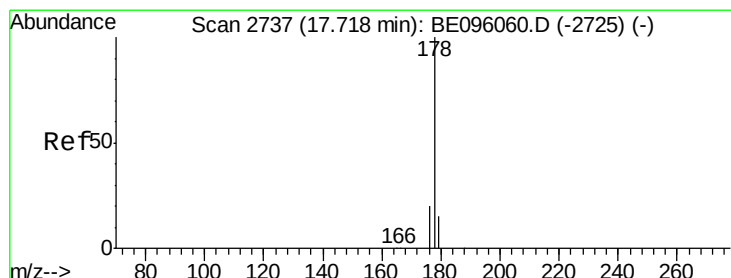
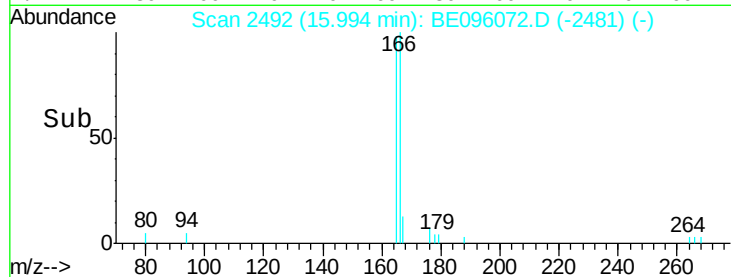
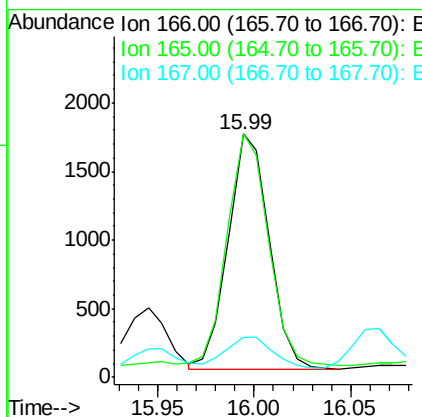
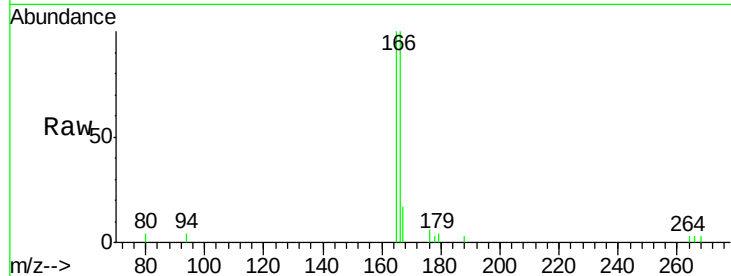
ClientSampleId :

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Tot Ion:	166	Resp:	2524
Ion Ratio	Lower	Upper	
166	100		
165	100.1	73.4	110.2
167	16.7	14.6	22.0

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#12

Phenanthrene

Concen: 2.059 ng/ul m

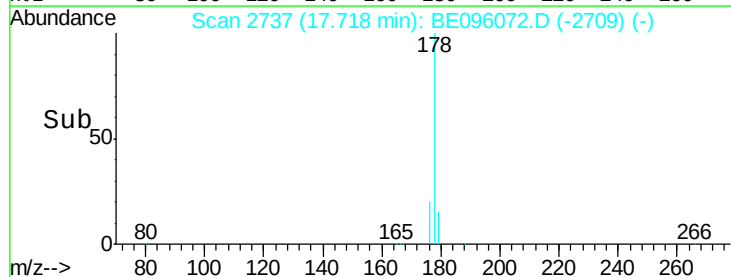
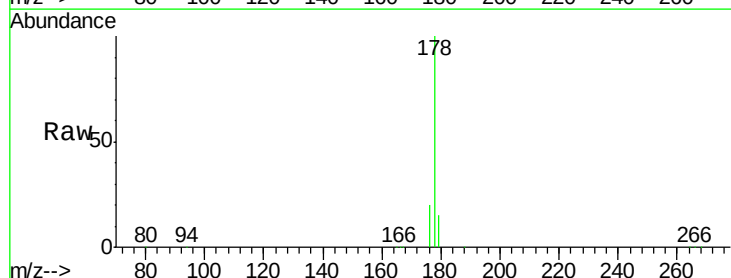
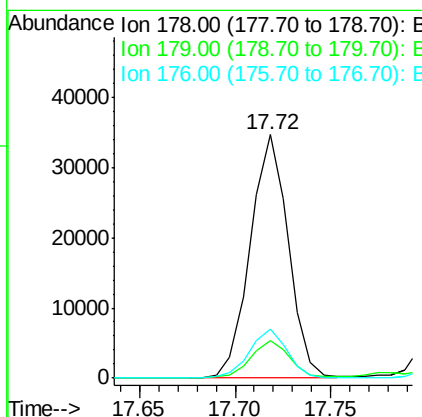
RT: 17.72 min Scan# 2737

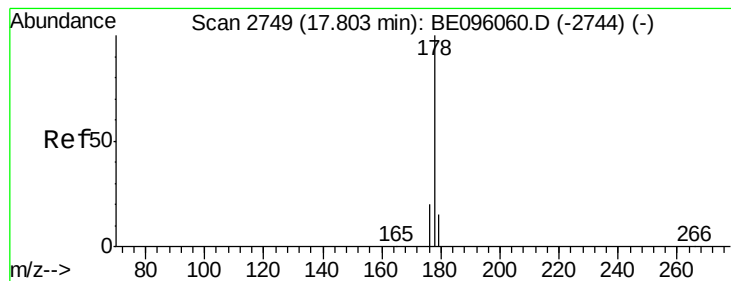
Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Tgt Ion:	178	Resp:	47910
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	20.2	13.6	20.4





#13

Anthracene

Concen: 0.589 ng/ul m

RT: 17.81 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampled :

C0AC3

Tot Ion:178 Resp: 13648

Ion Ratio Lower Upper

178 100

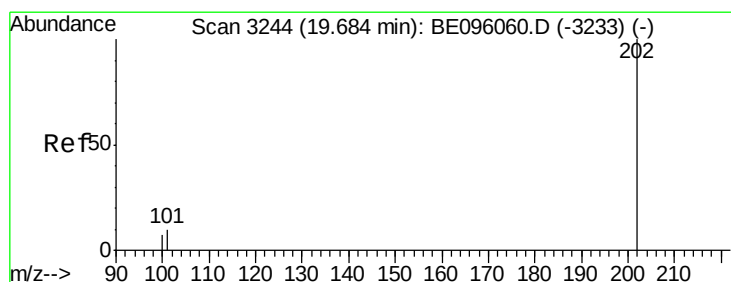
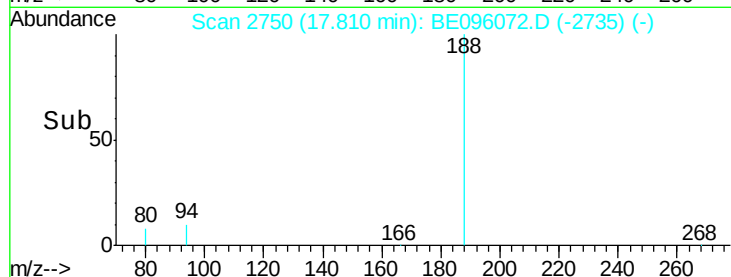
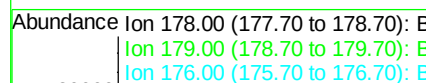
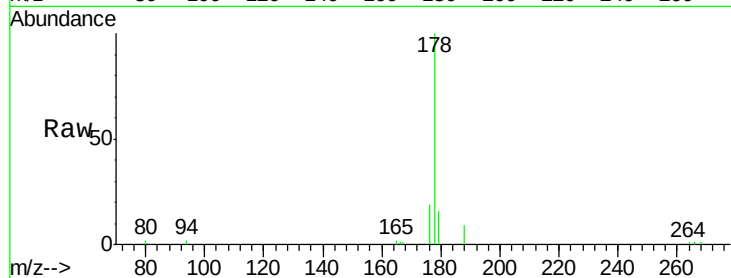
179 16.3 18.1 27.1#

176 18.7 14.7 22.1

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#15

Fluoranthene

Concen: 4.342 ng/ul m

RT: 19.69 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

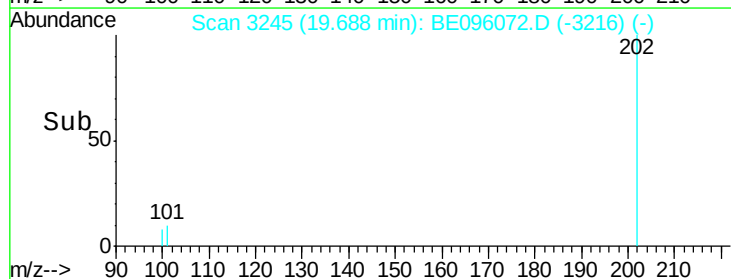
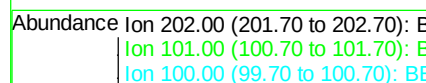
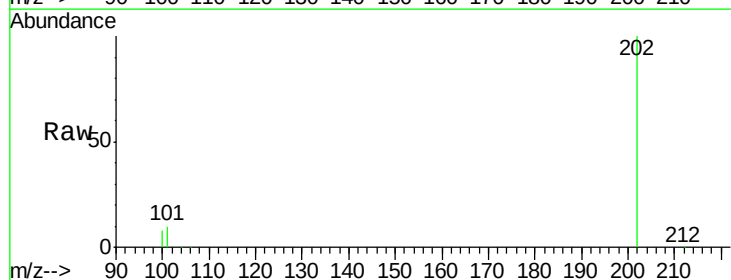
Tgt Ion:202 Resp: 137479

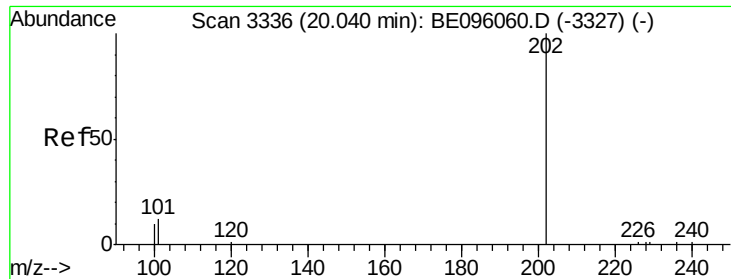
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

100 8.2 0.0 39.5





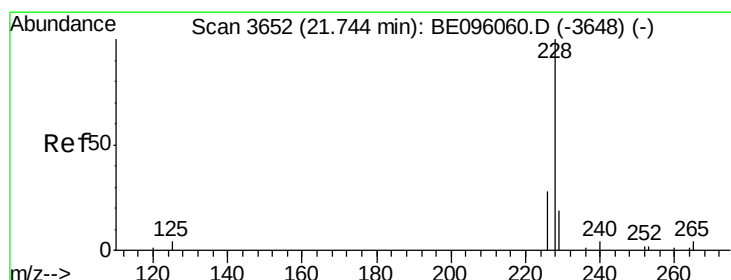
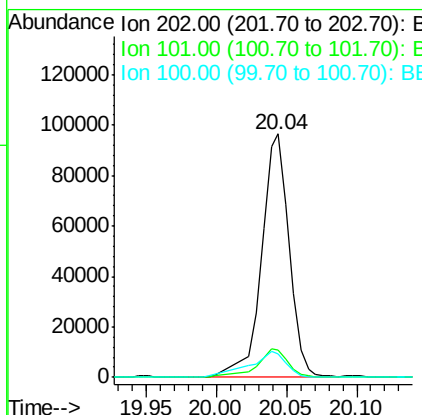
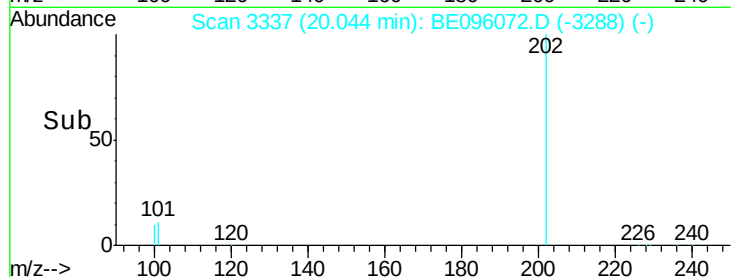
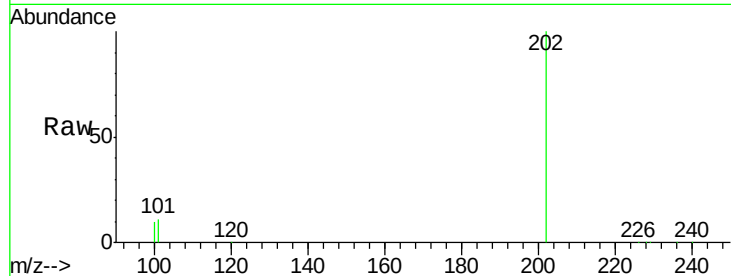
#17
 Pvrene
 Concen: 5.719 ng/ul
 RT: 20.04 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: BE096072.D
 Acq: 21 Apr 2018 10:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	18.2	27.4#
100	9.7	15.6	23.4#

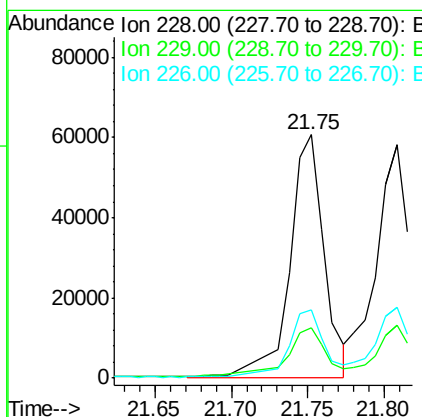
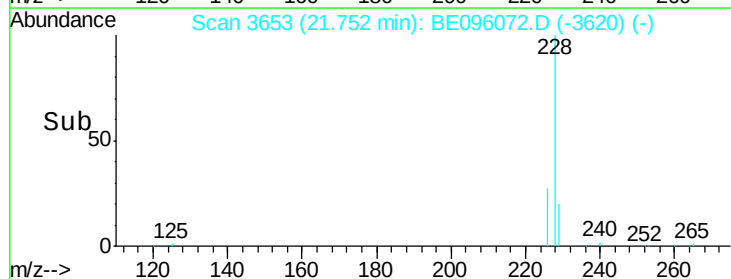
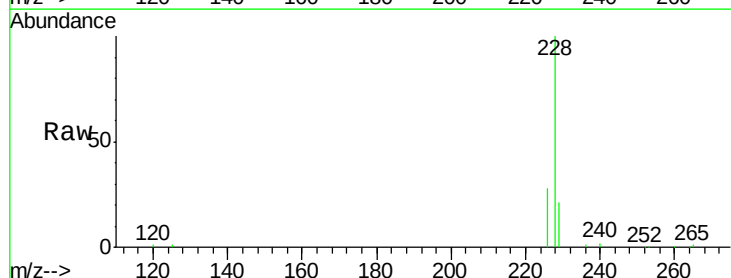
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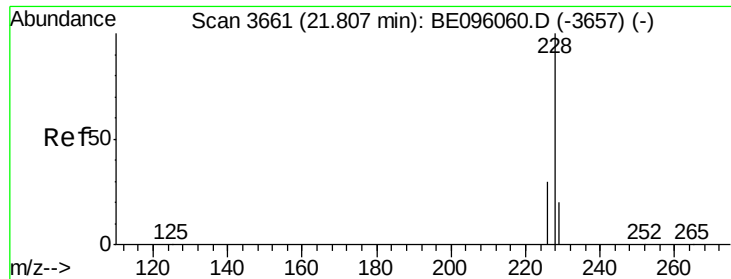
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#18
 Benzo(a)anthracene
 Concen: 3.633 ng/ul m
 RT: 21.75 min Scan# 3653
 Delta R.T. 0.01 min
 Lab File: BE096072.D
 Acq: 21 Apr 2018 10:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	27.8	17.0	25.6#





#19

Chrysene

Concen: 4.198 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

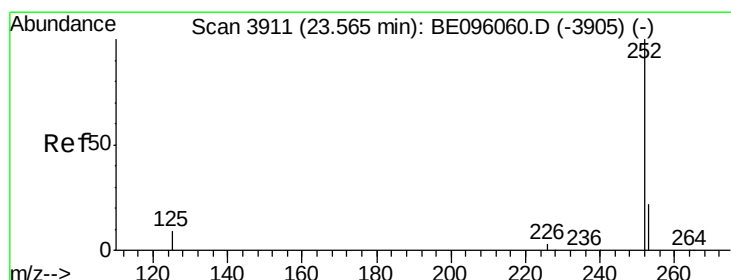
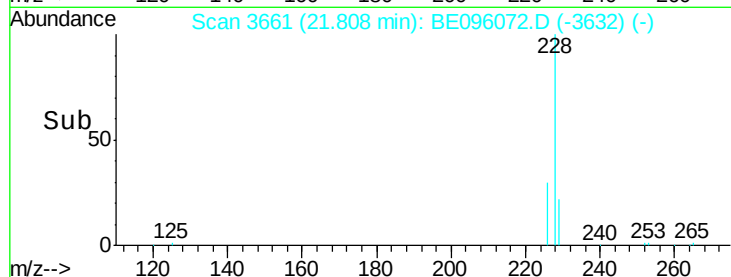
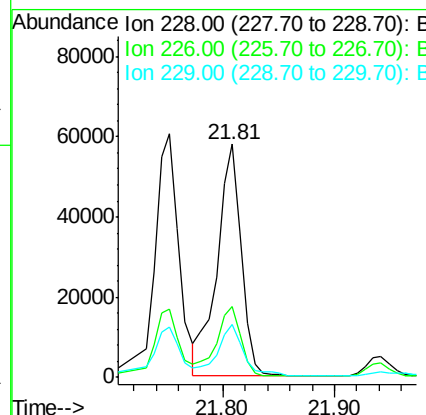
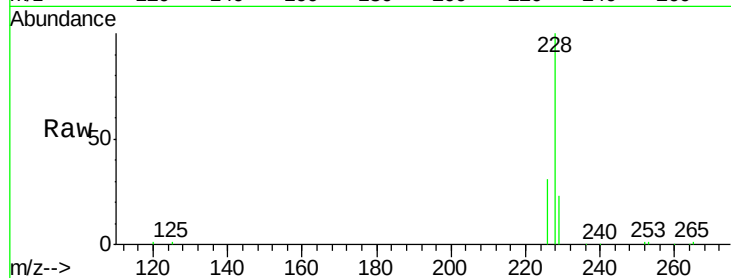
ClientSampleId :

C0AC3

Tot Ion:	228	Resp:	88552
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.948 ng/ul m

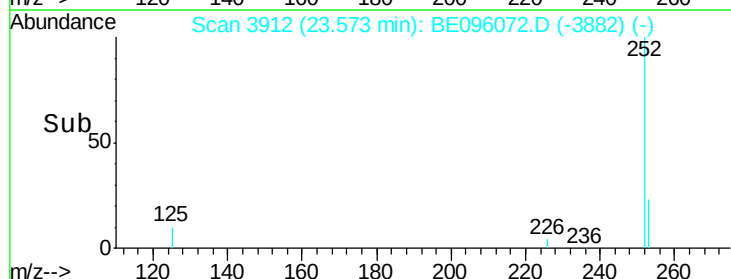
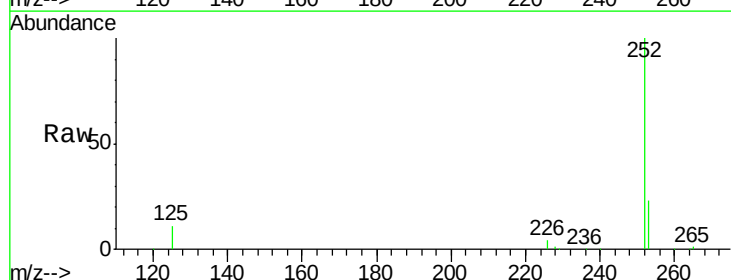
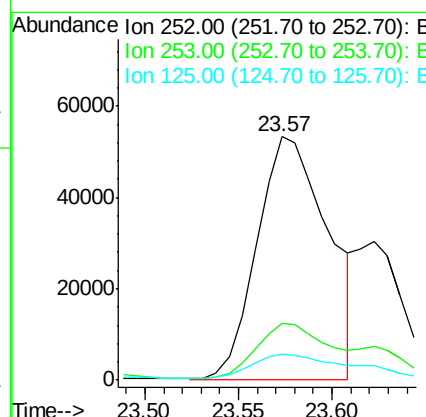
RT: 23.57 min Scan# 3912

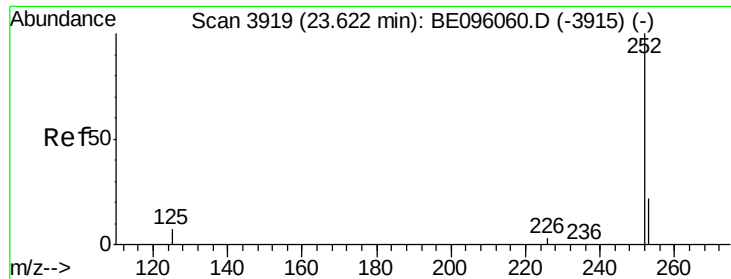
Delta R.T. 0.01 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Tgt Ion:	252	Resp:	140926
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	10.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.118 ng/ul m

RT: 23.62 min Scan# 3919

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

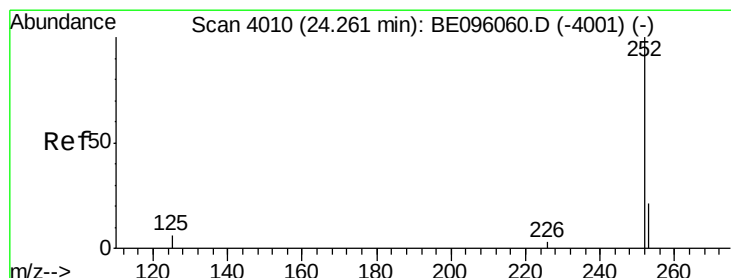
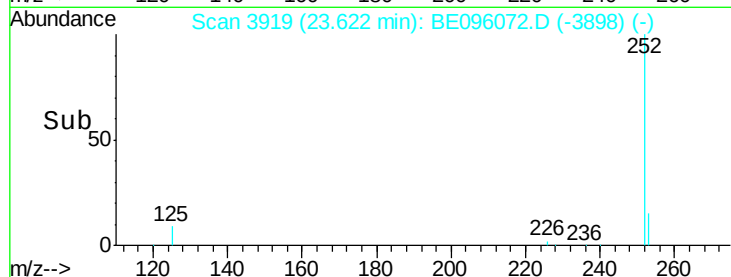
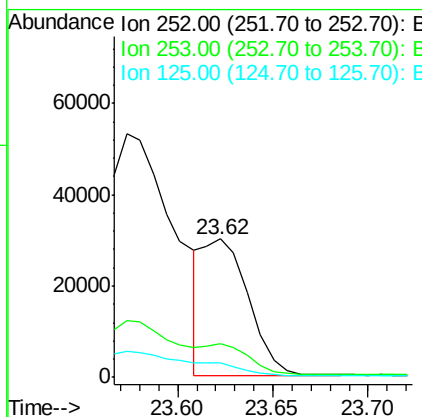
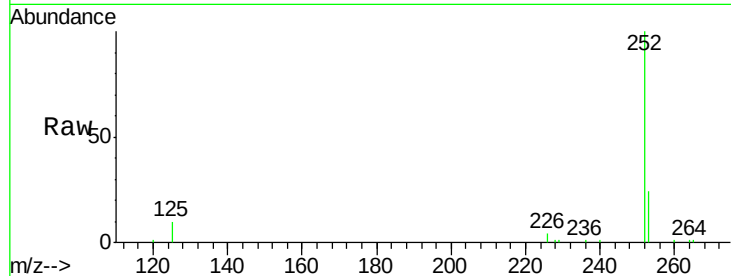
ClientSampleId :

C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	10.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 4.732 ng/ul m

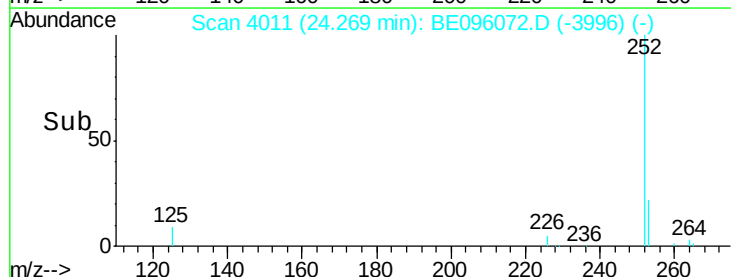
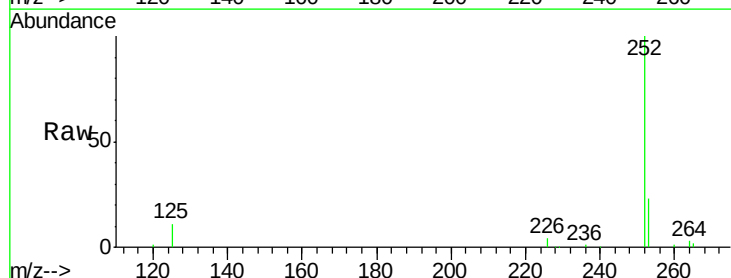
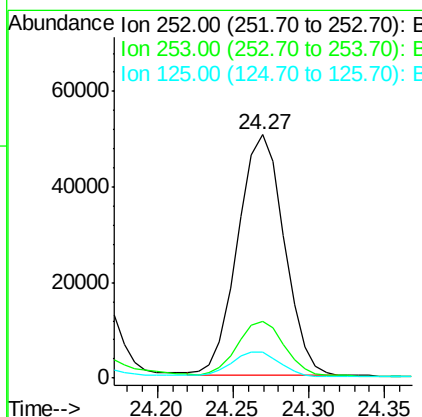
RT: 24.27 min Scan# 4011

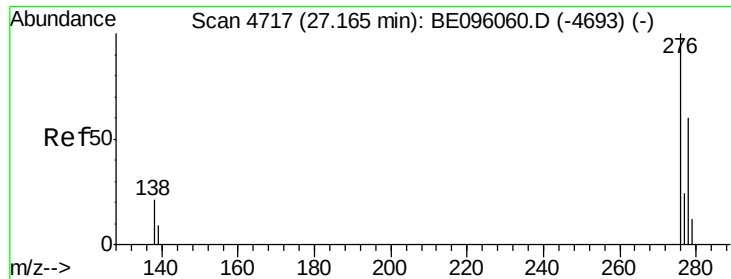
Delta R.T. 0.01 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	10.8	18.1	27.1#





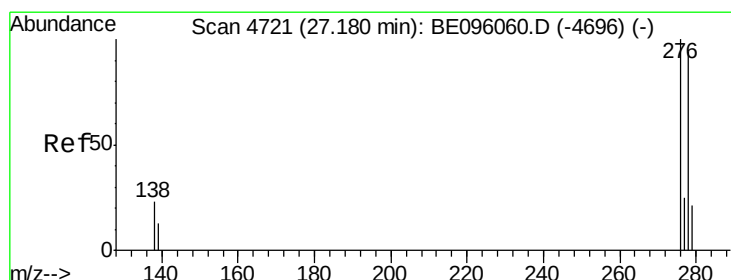
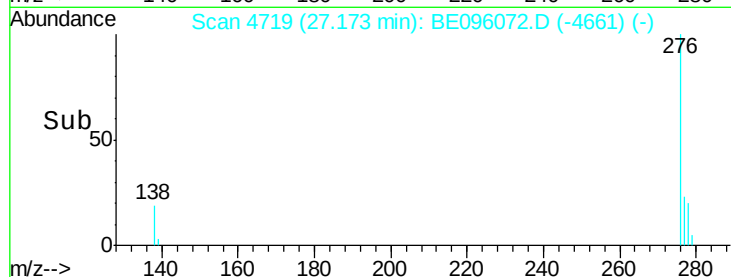
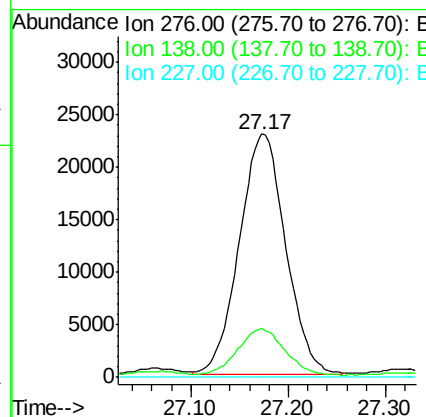
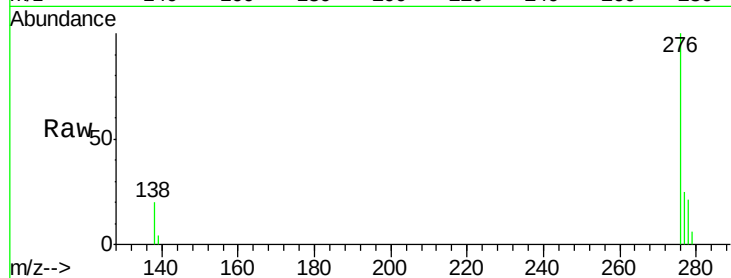
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.957 ng/ul m
 RT: 27.17 min Scan# 4719
 Delta R.T. 0.01 min
 Lab File: BE096072.D
 Acq: 21 Apr 2018 10:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.3	28.0	42.0#
227	0.0	8.0	12.0#

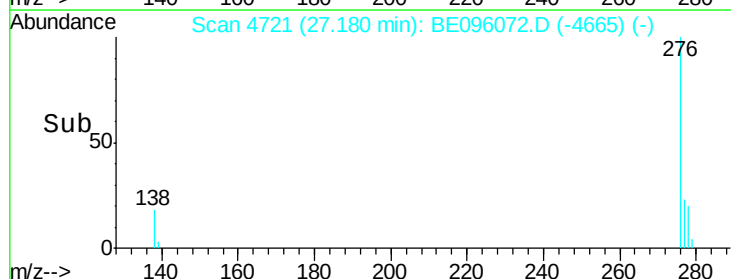
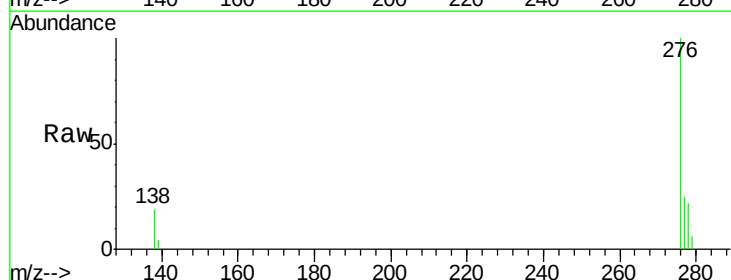
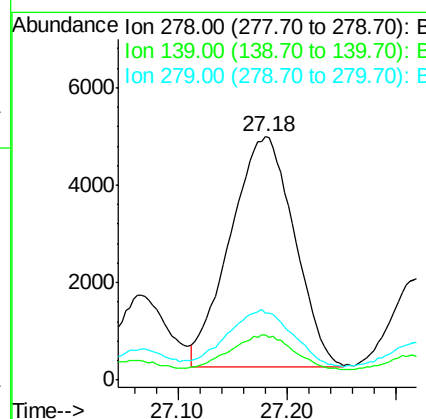
Manual Integrations
 APPROVED

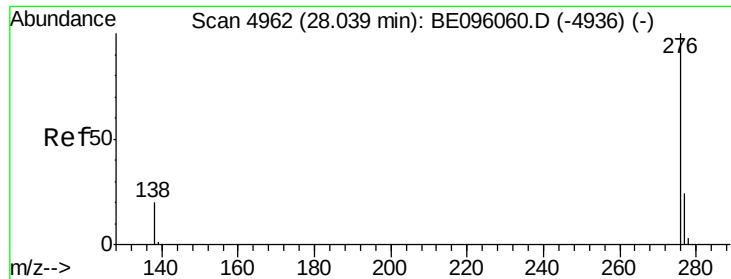
Sohil
 4/23/2018 6:44:34 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.939 ng/ul m
 RT: 27.18 min Scan# 4721
 Delta R.T. 0.00 min
 Lab File: BE096072.D
 Acq: 21 Apr 2018 10:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	17.4	26.0
279	27.3	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 3.523 ng/ul m
 RT: 28.05 min Scan# 4965
 Delta R.T. 0.01 min
 Lab File: BE096072.D
 Acq: 21 Apr 2018 10:09

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	21.8	32.8#
277	24.7	20.5	30.7

Manual Integrations
 APPROVED

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 4/23/2018 6:44:34 PM

