

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096083.D
 Acq On : 23 Apr 2018 13:59
 Operator : SJ/JU
 Sample : J2355-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y33MSD

Manual Integrations
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 4/24/2018 7:09:51 PM

Quant Time: Apr 24 10:34:44 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	1844	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5081m	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2786	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6174	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7412	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6127	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3054	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	8005	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	997	0.070	ng/ul#	80
5) 2-Methylnaphthalene	12.83	142	259	0.027	ng/ul	100
7) Acenaphthylene	14.70	152	1069	0.074	ng/ul#	87
8) Acenaphthene	15.03	153	3569	0.344	ng/ul	95
9) Fluorene	15.99	166	293	0.025	ng/ul#	81
11) Pentachlorophenol	17.33	266	403	0.308	ng/ul	97
12) Phenanthrene	17.71	178	5954	0.327	ng/ul#	89
13) Anthracene	17.80	178	1350	0.075	ng/ul#	90
15) Fluoranthene	19.68	202	21544	0.870	ng/ul	84
17) Pyrene	20.04	202	30281	1.202	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	14066m	0.470	ng/ul	
19) Chrysene	21.80	228	10739m	0.498	ng/ul	
21) Benzo(b)fluoranthene	23.57	252	15316m	0.773	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	4379m	0.222	ng/ul	
23) Benzo(a)pyrene	24.26	252	9733	0.509	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.17	276	7396	0.348	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.17	278	1792	0.105	ng/ul#	72
26) Benzo(g,h,i)perylene	28.03	276	5814	0.327	ng/ul	98

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

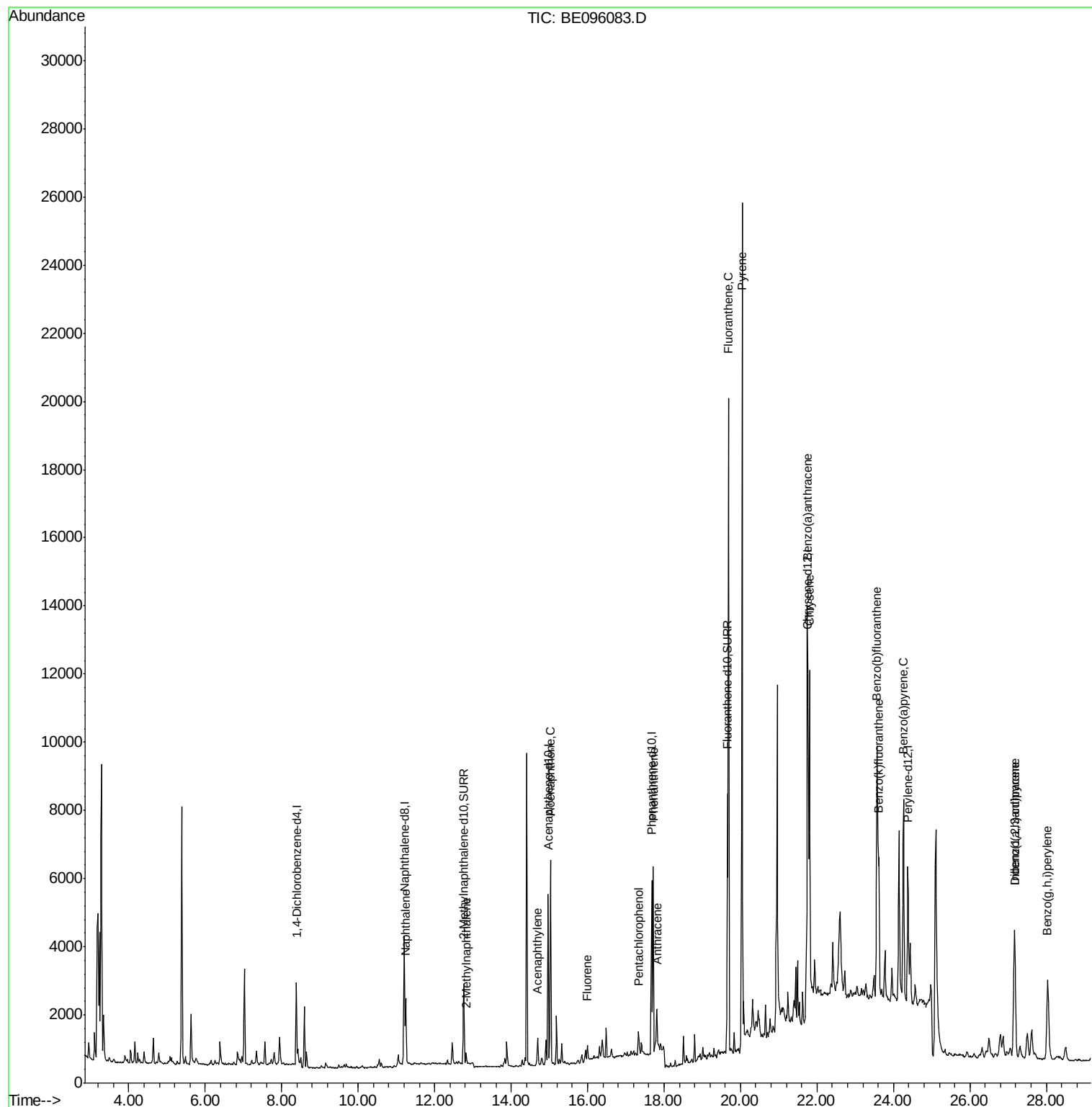
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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ALS Vial : 9 Sample Multiplier: 1

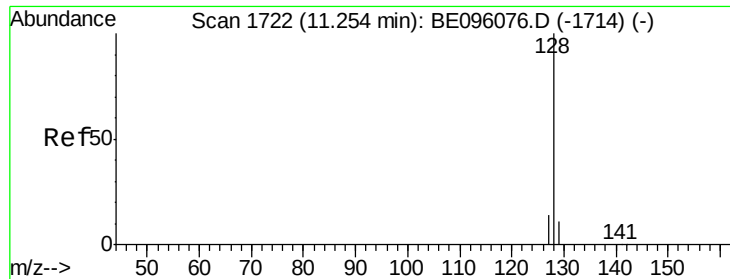
Instrument :
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#3

Naphthalene

Concen: 0.070 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

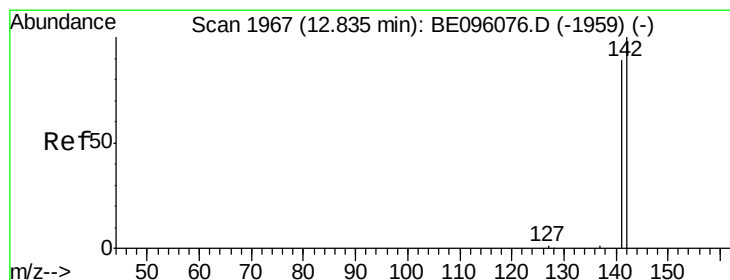
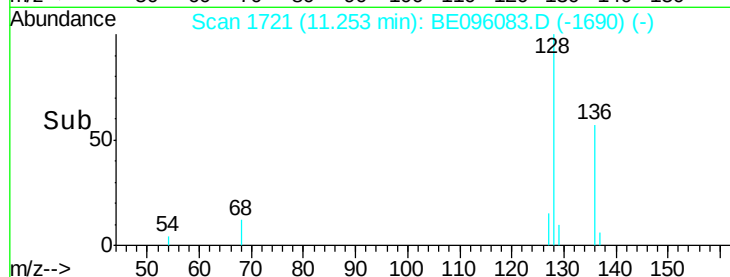
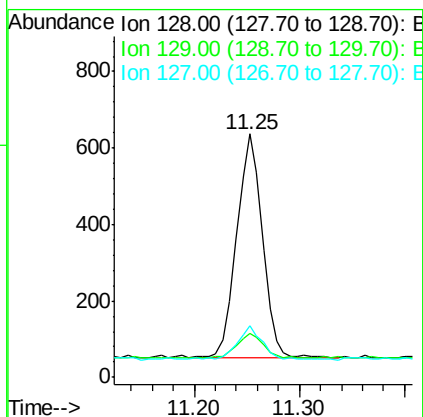
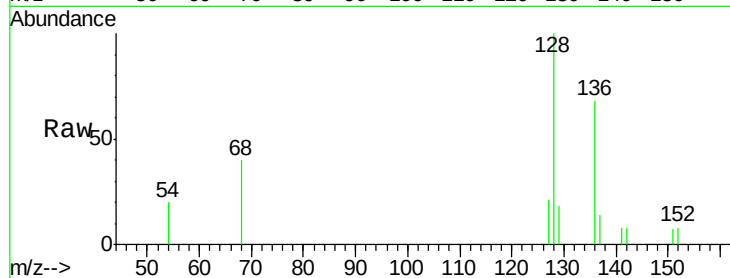
ClientSampleId :

A3Y33MSD

Tot Ion:	128	Resp:	997
Ion Ratio	Lower	Upper	
128	100		
129	17.9	11.3	16.9#
127	21.2	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

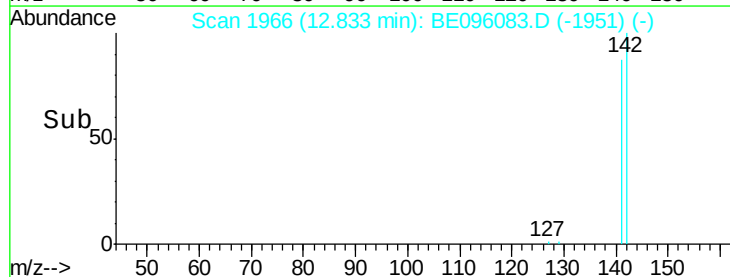
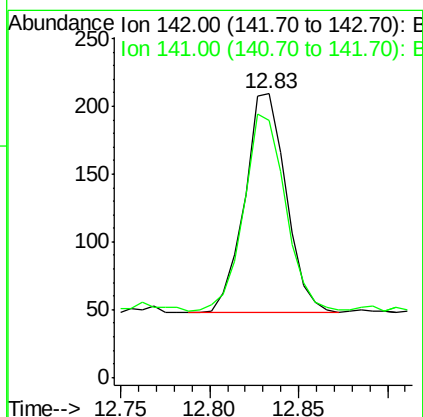
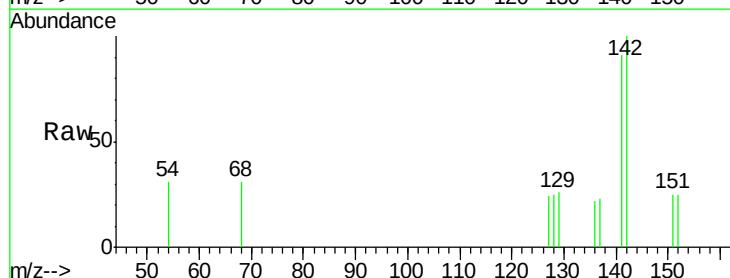
RT: 12.83 min Scan# 1966

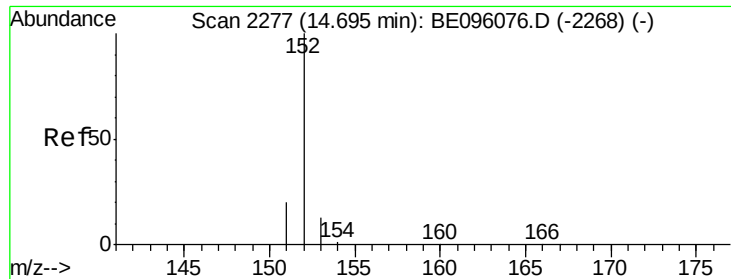
Delta R.T. -0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Tgt Ion:	142	Resp:	259
Ion Ratio	Lower	Upper	
142	100		
141	91.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

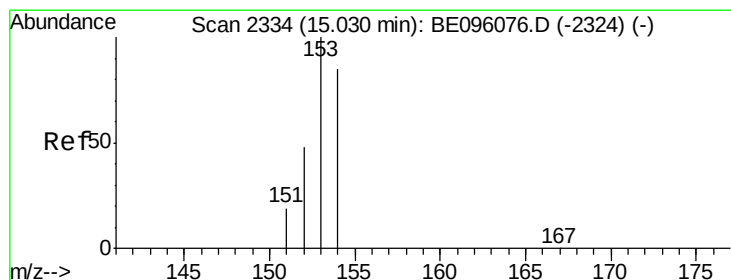
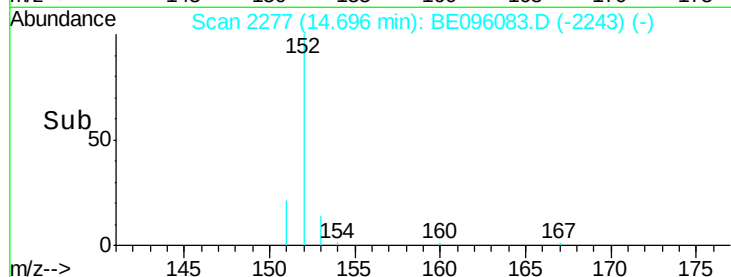
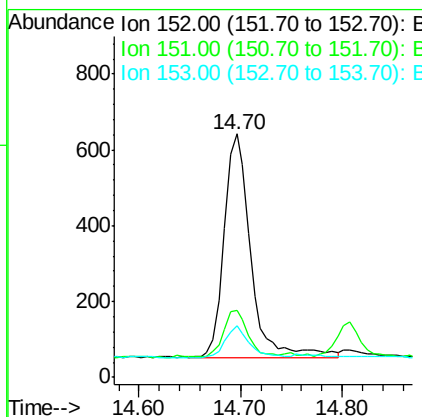
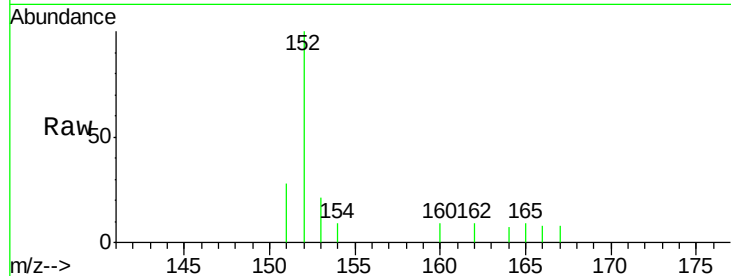
ClientSampleId :

A3Y33MSD

Tot Ion:	152	Resp:	1069
Ion Ratio	Lower	Upper	
152	100		
151	27.6	17.1	25.7#
153	21.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.344 ng/ul

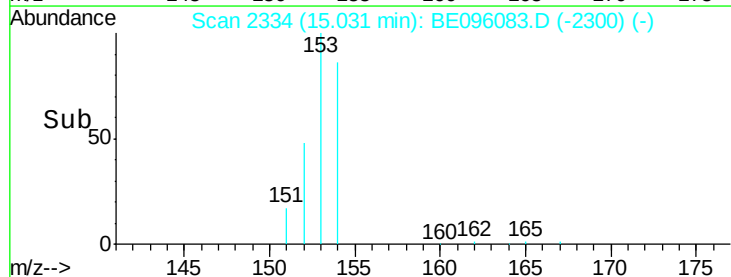
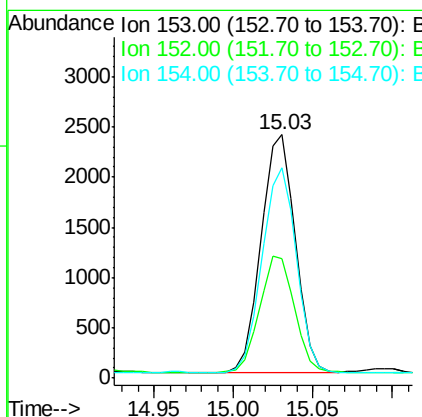
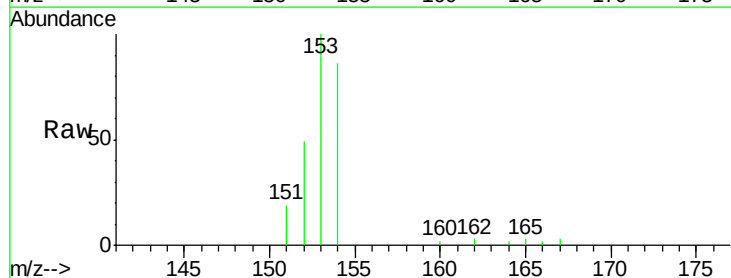
RT: 15.03 min Scan# 2334

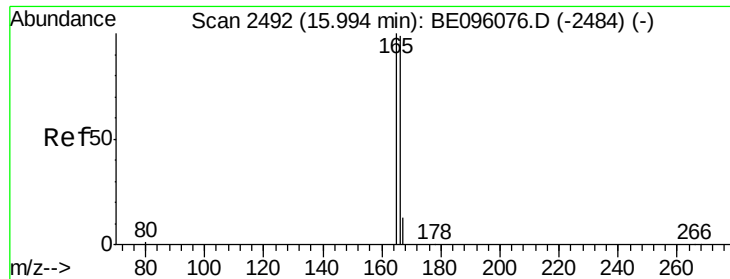
Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Tgt Ion:	153	Resp:	3569
Ion Ratio	Lower	Upper	
153	100		
152	49.1	36.0	54.0
154	86.5	72.0	108.0





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

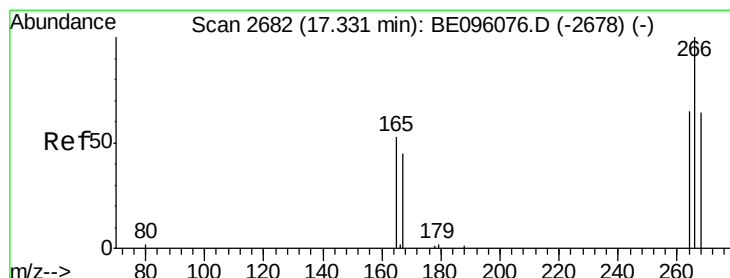
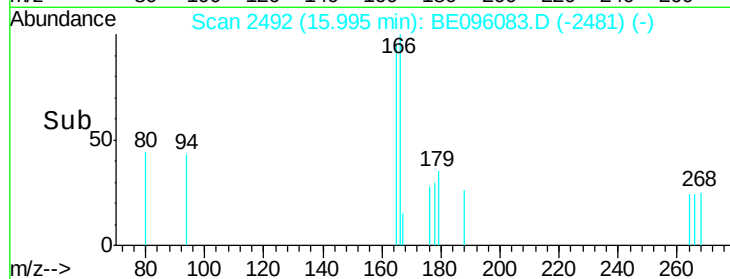
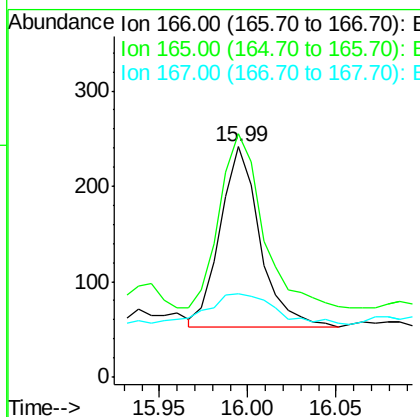
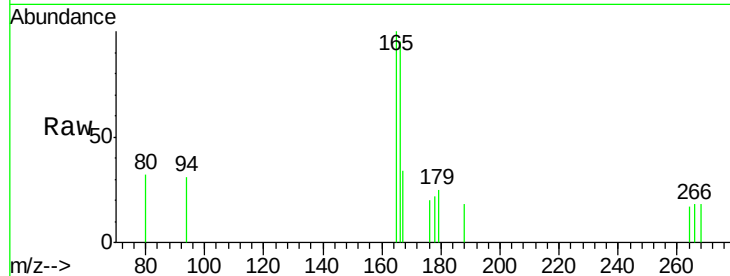
ClientSampleId :

A3Y33MSD

Tot Ion:	166	Resp:	293
Ion	Ratio	Lower	Upper
166	100		
165	105.8	73.4	110.2
167	36.1	14.6	22.0#

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#11

Pentachlorophenol

Concen: 0.308 ng/ul

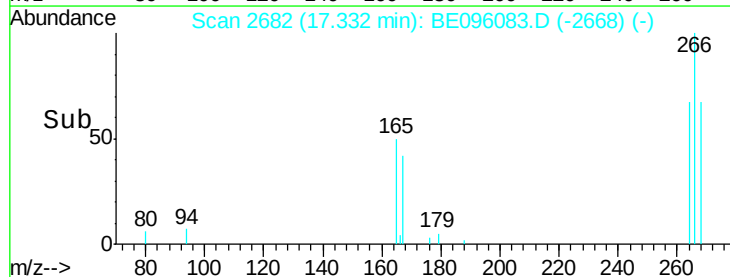
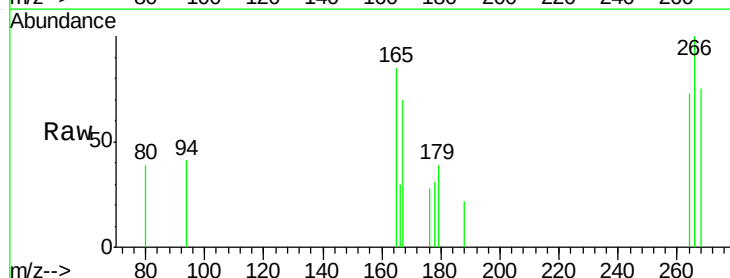
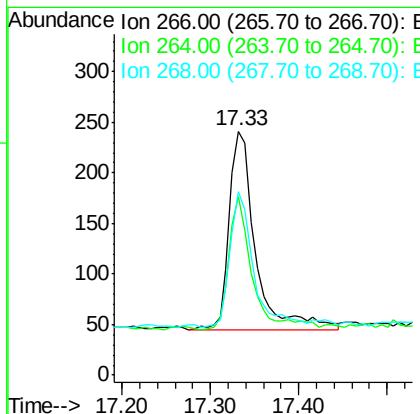
RT: 17.33 min Scan# 2682

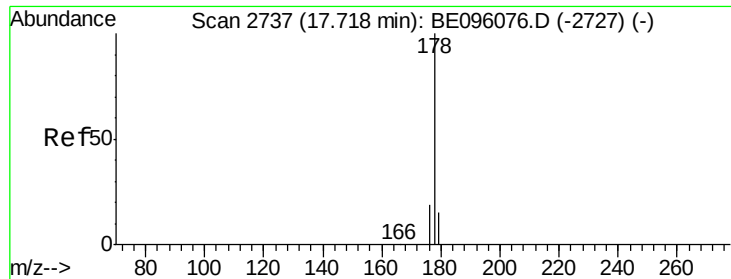
Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Tgt Ion:	266	Resp:	403
Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.9	71.9
268	60.0	49.8	74.8





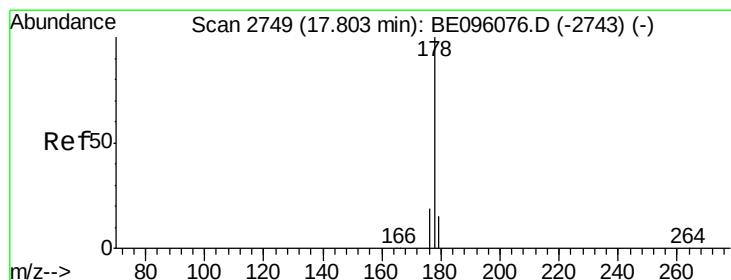
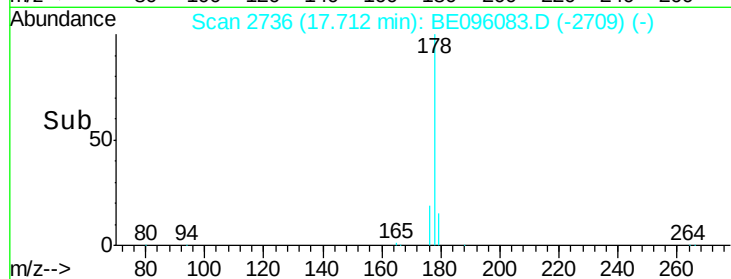
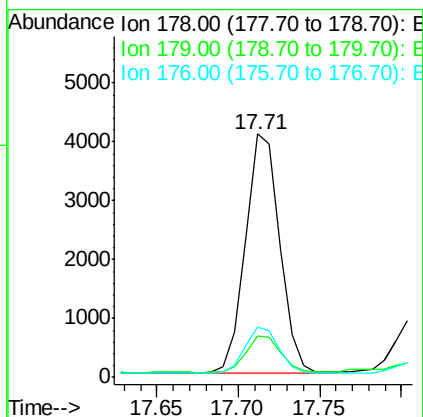
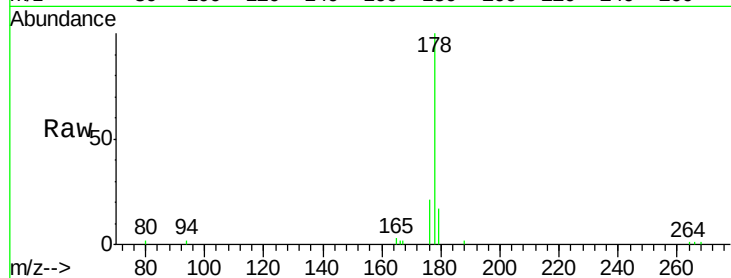
#12
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.71 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Instrument :
BNA_E
ClientSampleId :
A3Y33MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.4	27.6#
176	20.7	13.6	20.4#

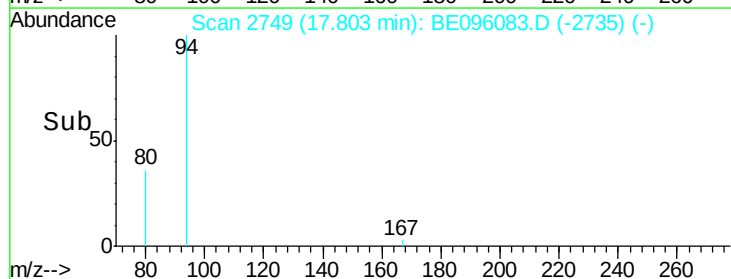
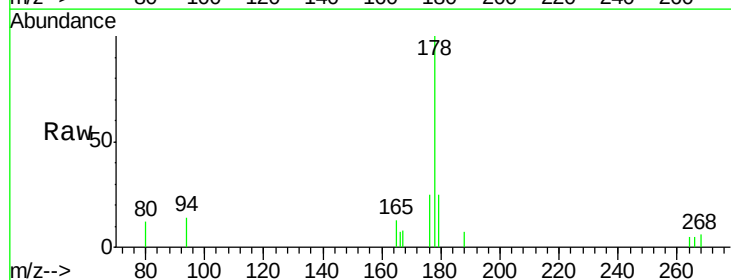
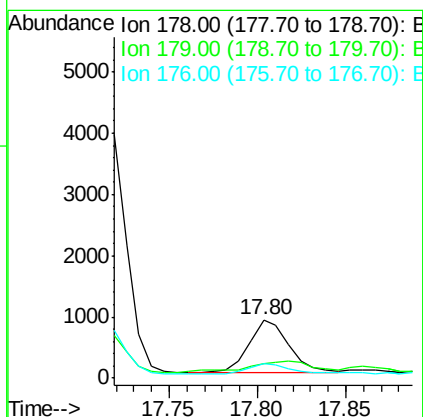
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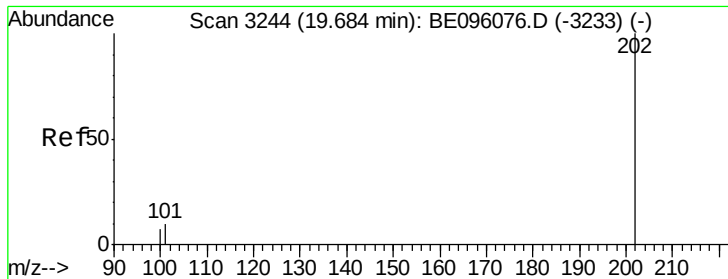
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#13
Anthracene
Concen: 0.075 ng/ul
RT: 17.80 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.4	18.1	27.1
176	25.5	14.7	22.1#





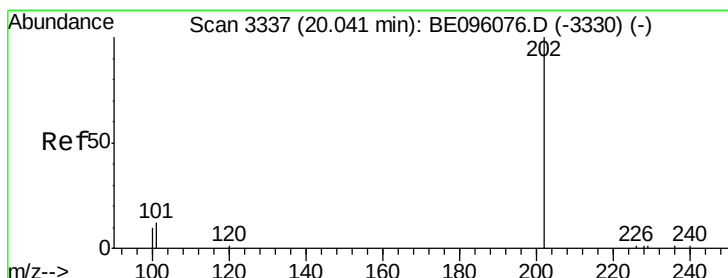
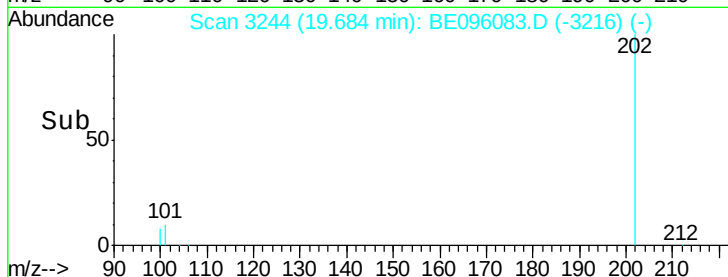
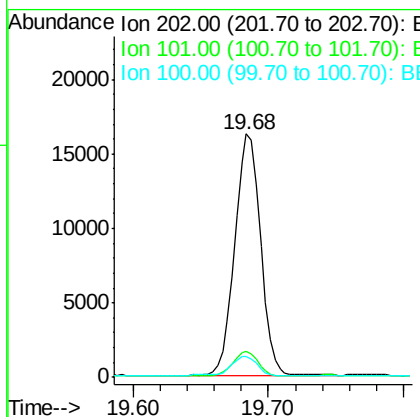
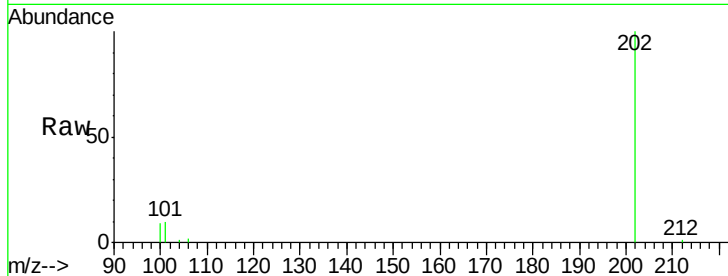
#15
Fluoranthene
 Concen: 0.870 ng/ul
 RT: 19.68 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BE096083.D
 Acq: 23 Apr 2018 13:59

Instrument :
 BNA_E
 ClientSampleId :
 A3Y33MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	21544		
101	10.5		0.0	30.3
100	8.6		0.0	39.5

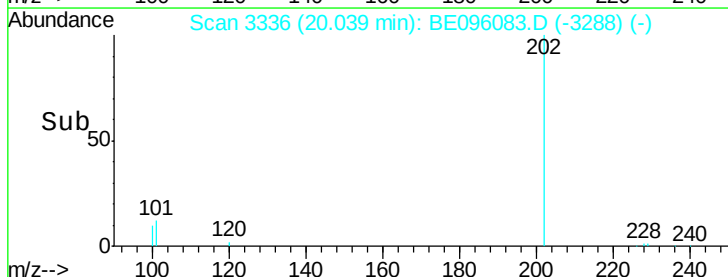
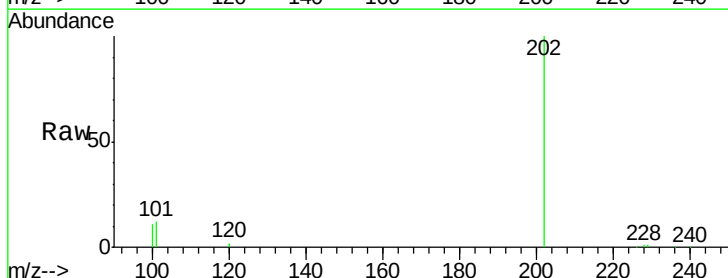
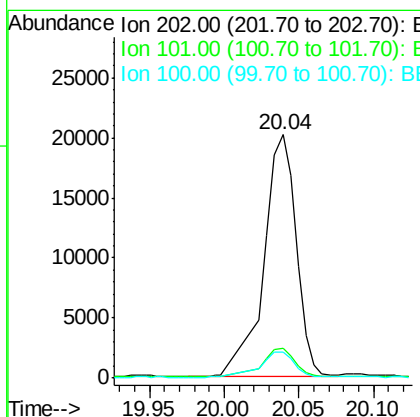
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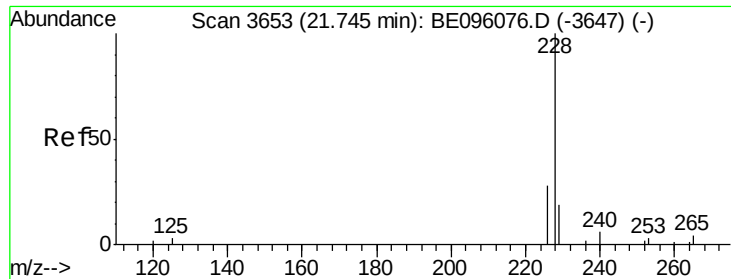
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#17
Pyrene
 Concen: 1.202 ng/ul
 RT: 20.04 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: BE096083.D
 Acq: 23 Apr 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	30281		
101	12.2		18.2	27.4#
100	10.7		15.6	23.4#





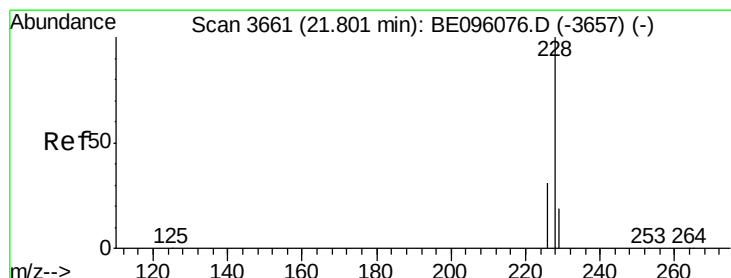
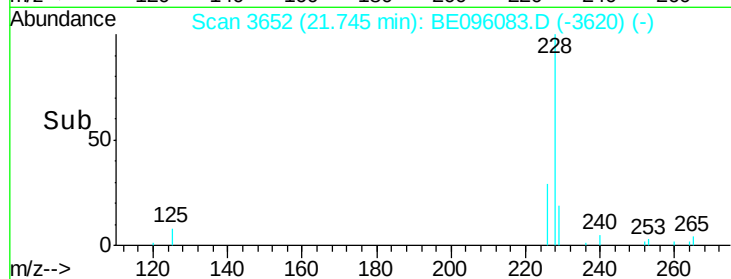
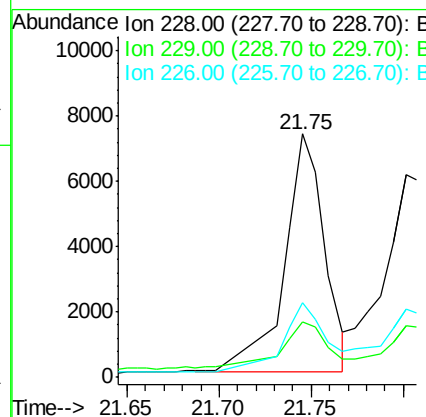
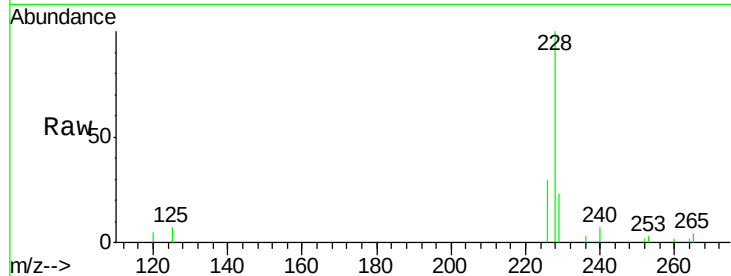
#18
Benzo(a)anthracene
Concen: 0.470 ng/ul m
RT: 21.75 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Instrument :
BNA_E
ClientSampleId :
A3Y33MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	22.8	34.2
226	30.4	17.0	25.6

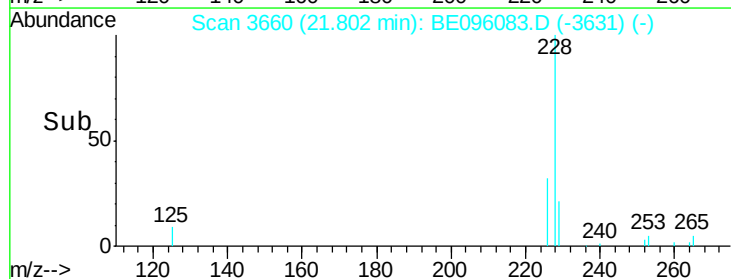
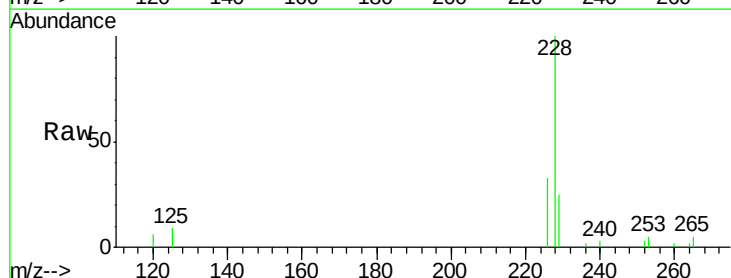
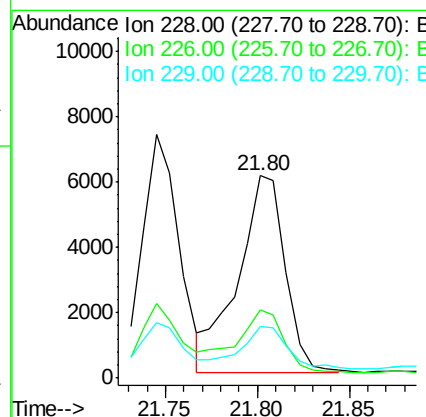
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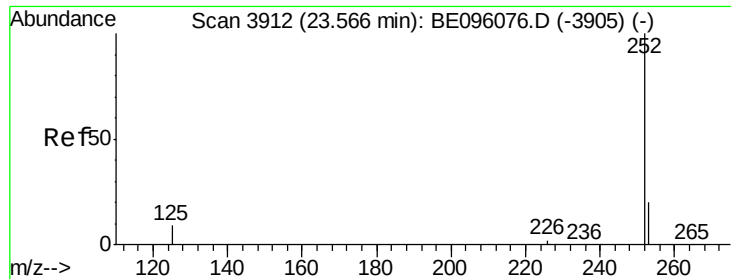
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#19
Chrysene
Concen: 0.498 ng/ul m
RT: 21.80 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	25.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.773 ng/ul m

RT: 23.57 min Scan# 3911

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

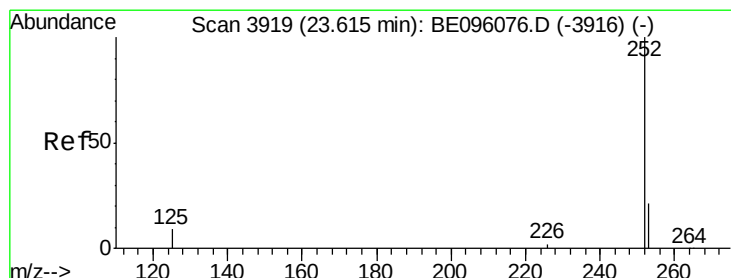
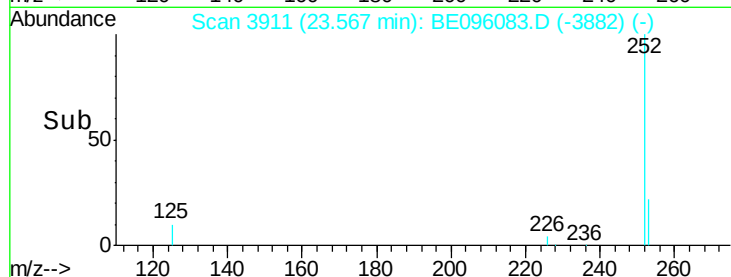
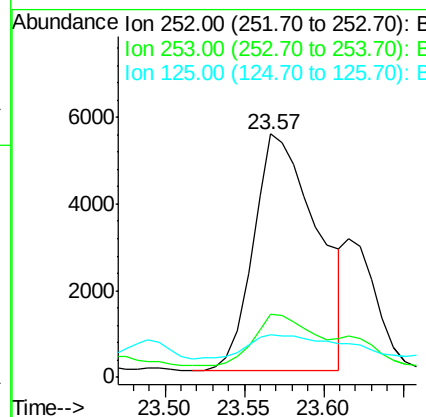
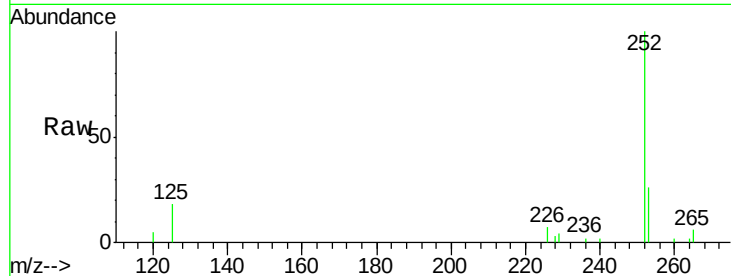
ClientSampleId :

A3Y33MSD

Tot Ion:	252	Resp:	15316
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	64.2
125	17.7	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.222 ng/ul m

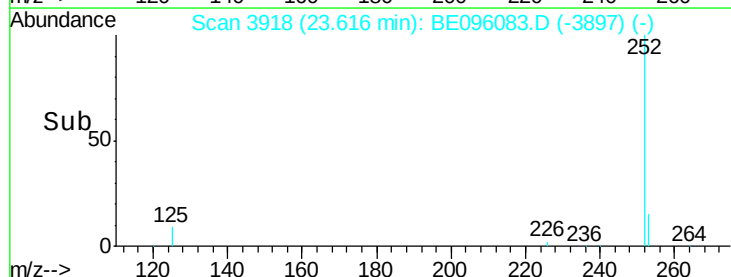
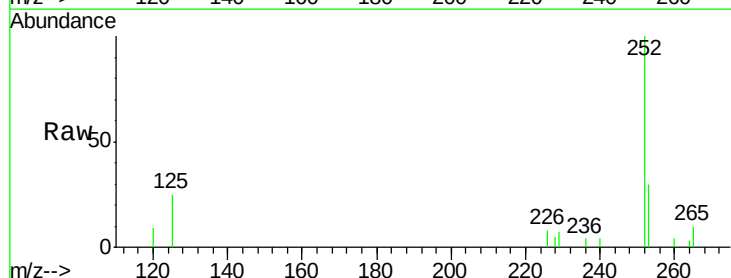
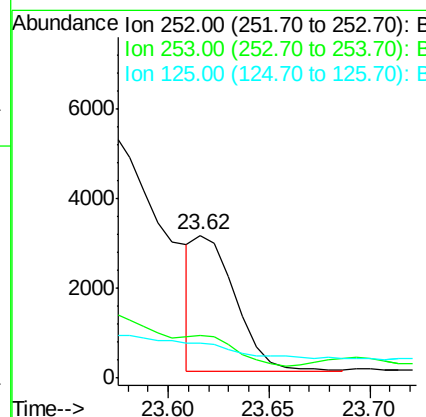
RT: 23.62 min Scan# 3918

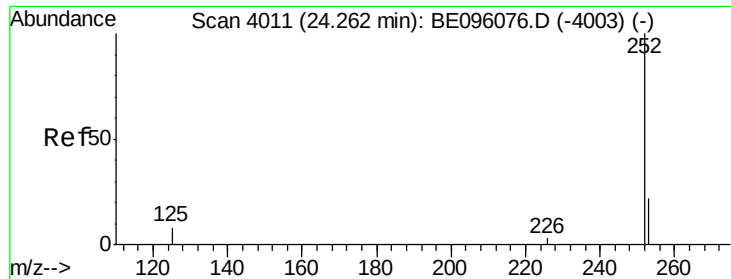
Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Tgt Ion:	252	Resp:	4379
Ion Ratio	Lower	Upper	
252	100		
253	29.6	24.5	36.7
125	24.6	13.7	20.5#





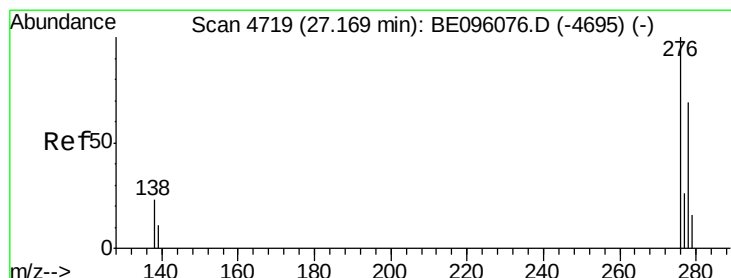
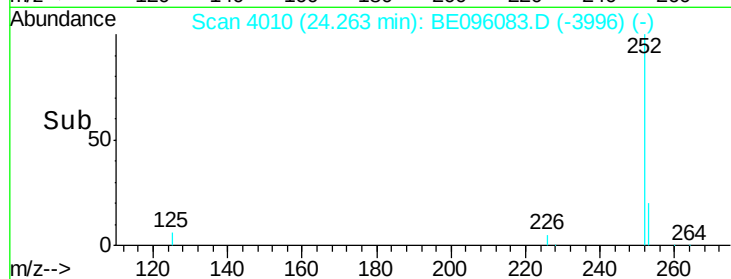
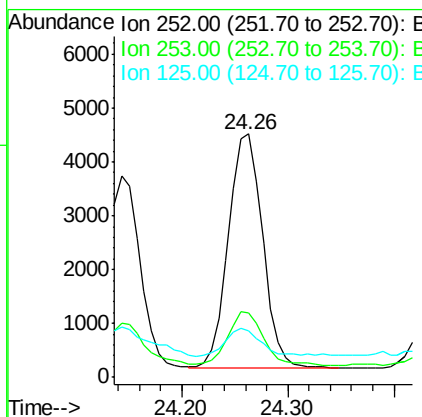
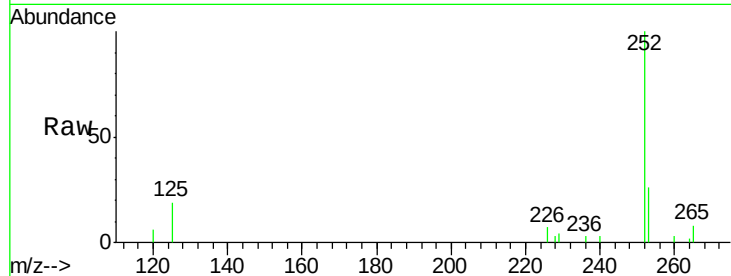
#23
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Instrument :
BNA_E
ClientSampleId :
A3Y33MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	28.5	42.7#
125	19.2	18.1	27.1

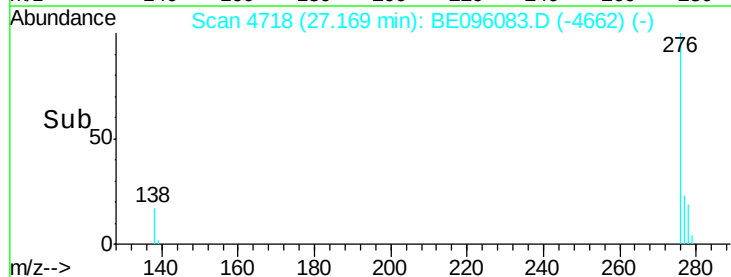
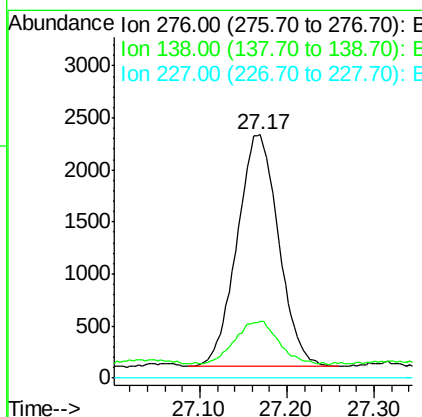
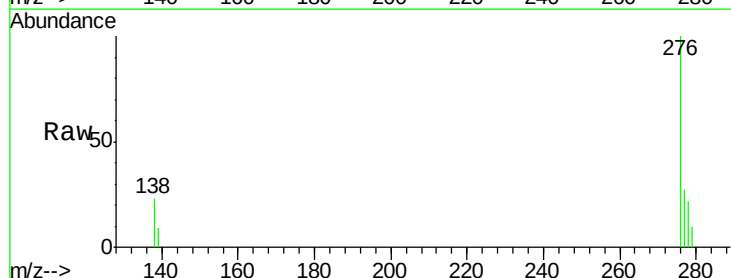
Manual Integrations
APPROVED

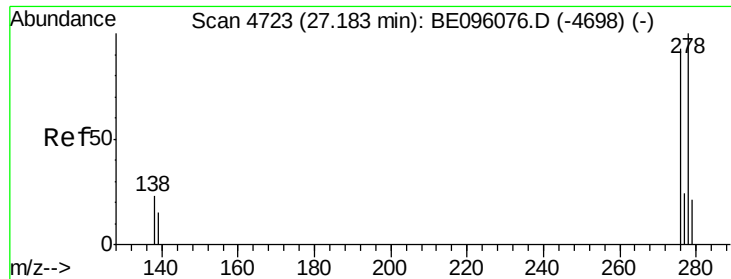
Sohil
4/24/2018 7:09:51 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	28.0	42.0#
227	0.0	8.0	12.0#





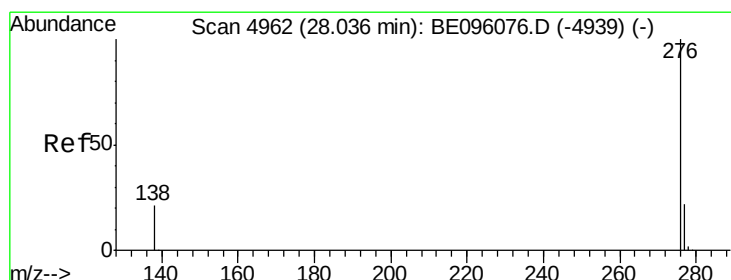
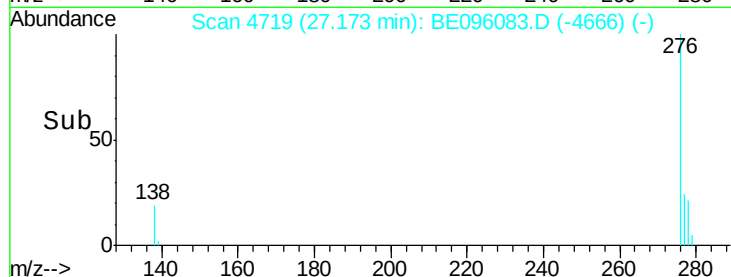
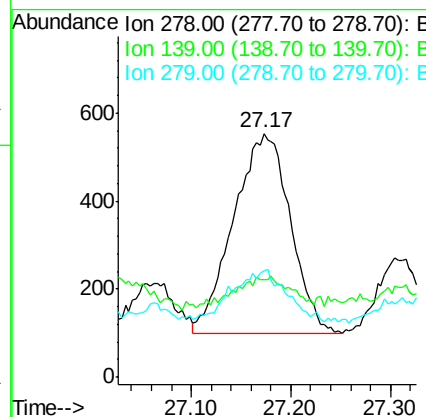
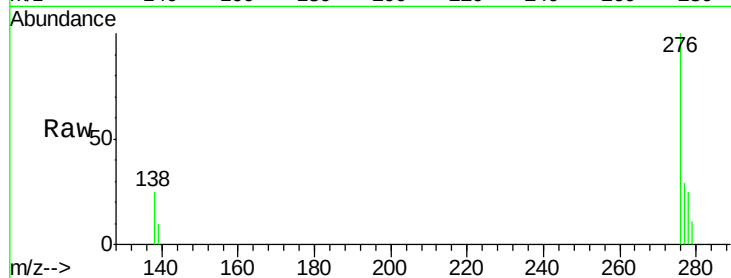
#25
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. -0.01 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Instrument :
BNA_E
ClientSampled :
A3Y33MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.1	17.4	26.0#
279	43.8	25.9	38.9#

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:51 PM



#26
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 28.03 min Scan# 4960
Delta R.T. -0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.8	32.8
277	27.2	20.5	30.7

