

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095223.D
 Acq On : 29 Jan 2018 00:52
 Operator : SJ/JU
 Sample : J1223-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A68

Manual Integrations
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Sohil
 1/29/2018 6:26:01 PM

Quant Time: Jan 29 08:18:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2874	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9423	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	12672m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	12875	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11930m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3855	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11144	0.23	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	1111	0.042	ng/ul#	57
5) 2-Methylnaphthalene	12.89	142	46607	2.645	ng/ul	100
7) Acenaphthylene	14.74	152	5420	0.169	ng/ul#	33
8) Acenaphthene	15.08	153	43712	1.760	ng/ul	94
9) Fluorene	16.02	166	25289	0.987	ng/ul#	65
11) Pentachlorophenol	17.36	266	94207	38.383	ng/ul	96
12) Phenanthrene	17.75	178	143992	3.379	ng/ul#	86
13) Anthracene	17.84	178	18321	0.470	ng/ul	93
15) Fluoranthene	19.73	202	212067	3.843	ng/ul	82
17) Pyrene	20.08	202	187697	4.345	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	46369	1.152	ng/ul#	87
19) Chrysene	21.84	228	49889	1.194	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	57642m	1.370	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	15134m	0.393	ng/ul	
23) Benzo(a)pyrene	24.32	252	16295m	0.434	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	12379m	0.300	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	2863m	0.085	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	9693m	0.278	ng/ul	

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

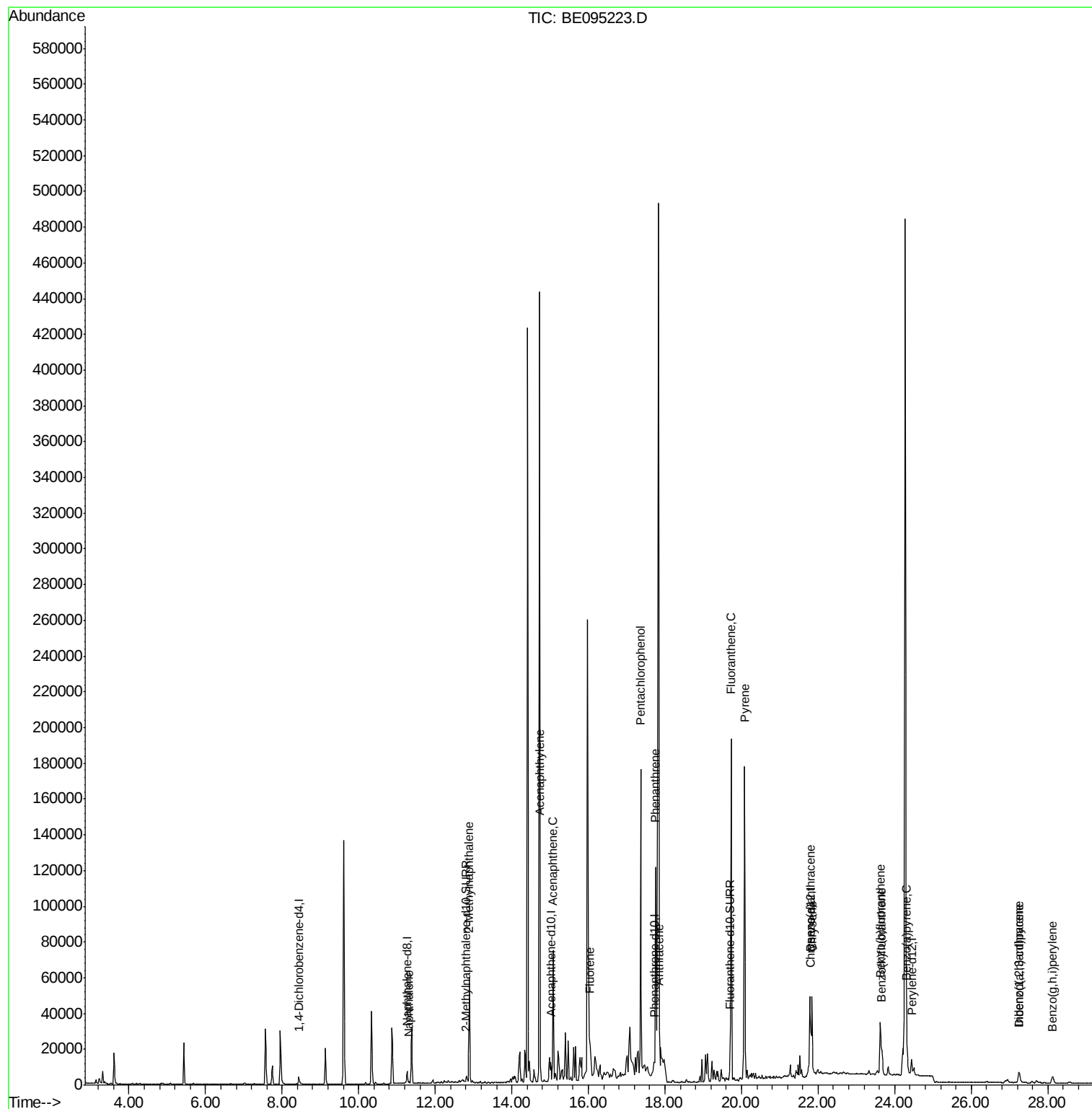
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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ALS Vial : 20 Sample Multiplier: 1

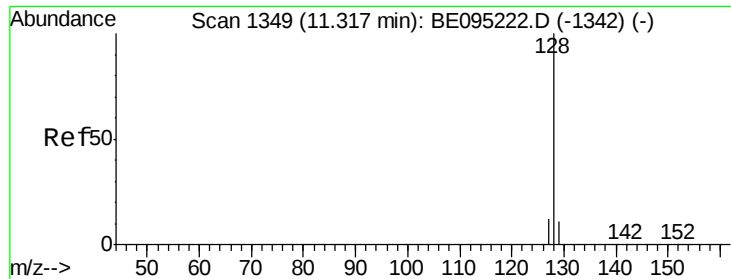
Instrument :
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#3

Naphthalene

Concen: 0.042 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

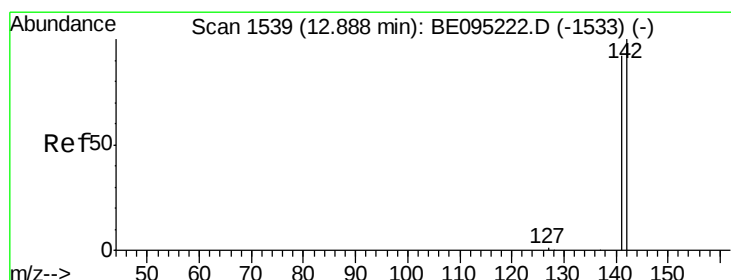
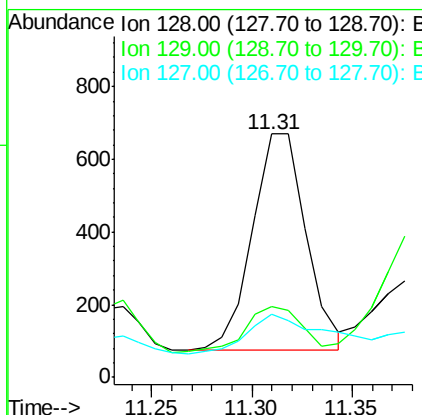
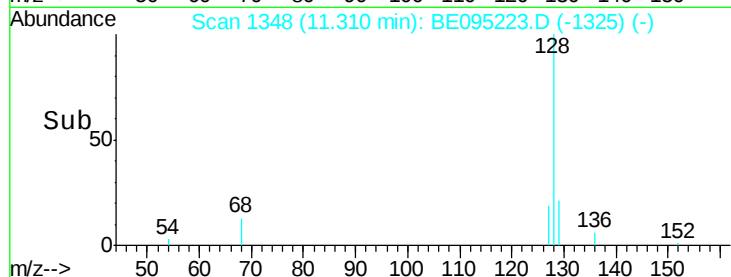
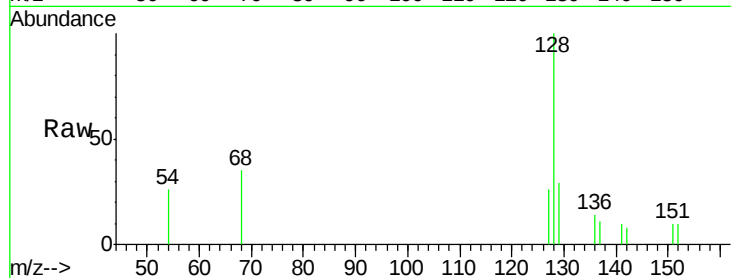
ClientSampled :

F6A68

Tot Ion:	128	Resp:	1111
Ion Ratio	Lower	Upper	
128	100		
129	29.0	11.3	16.9#
127	25.8	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 2.645 ng/ul

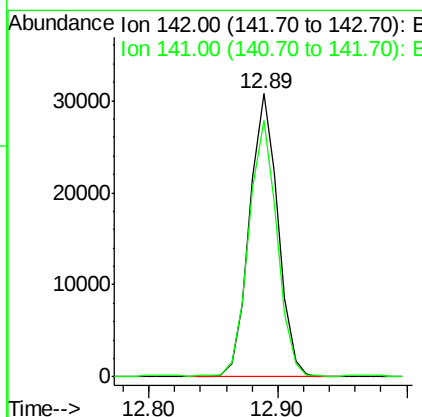
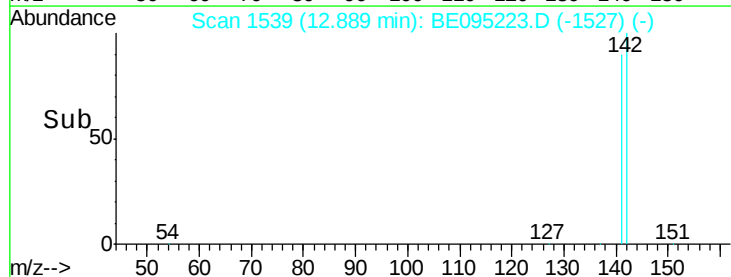
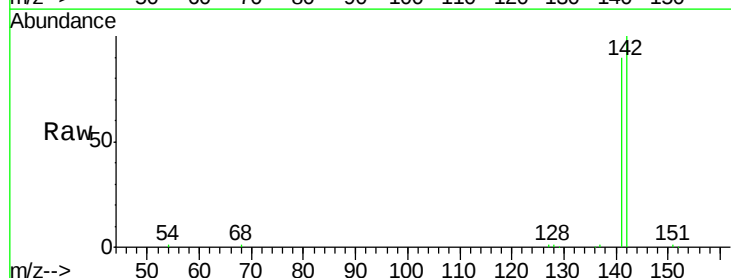
RT: 12.89 min Scan# 1539

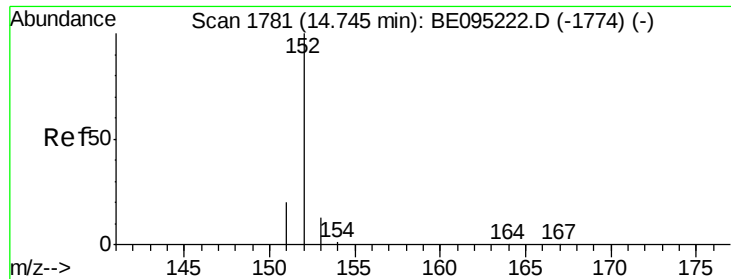
Delta R.T. 0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Tgt Ion:	142	Resp:	46607
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.169 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

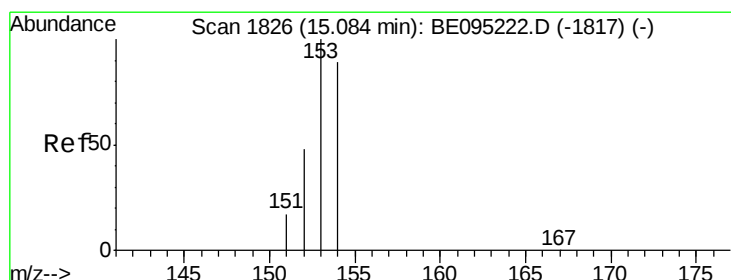
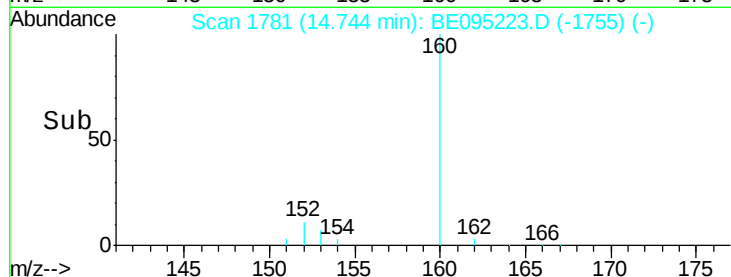
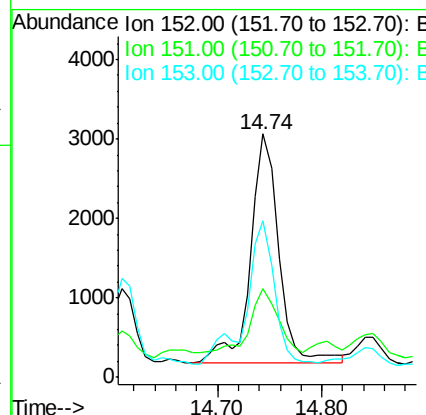
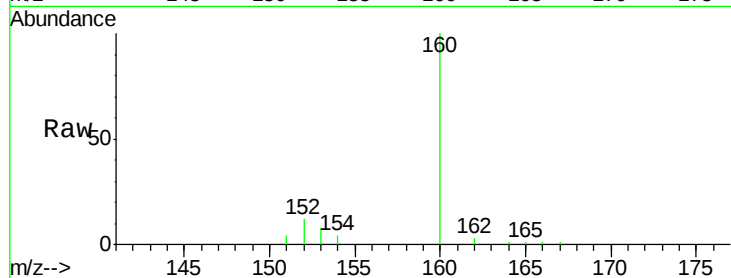
ClientSampled :

F6A68

Tot Ion:	152	Resp:	5420
Ion Ratio	Lower	Upper	
152	100		
151	36.3	17.1	25.7#
153	64.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.760 ng/ul

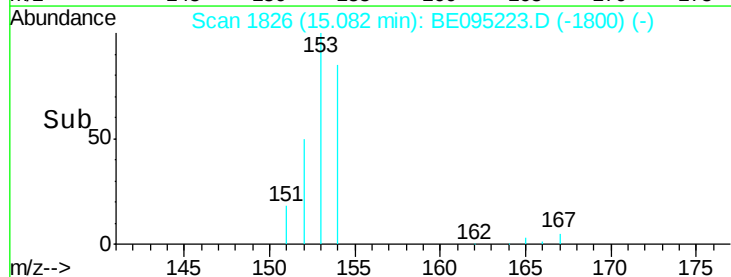
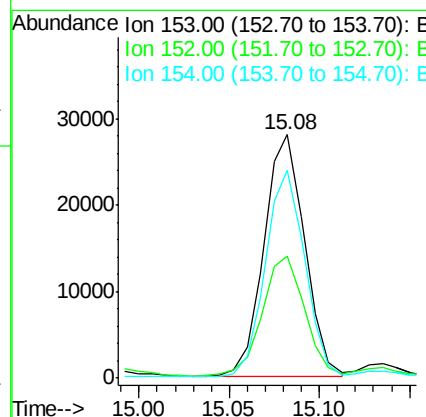
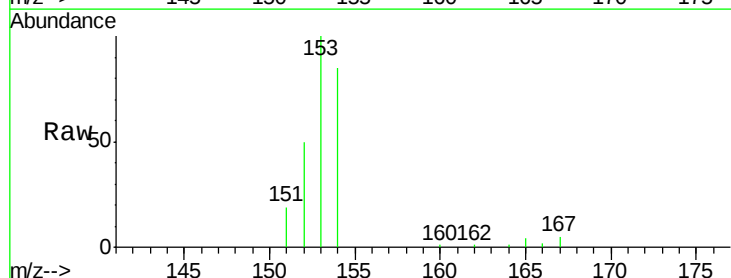
RT: 15.08 min Scan# 1826

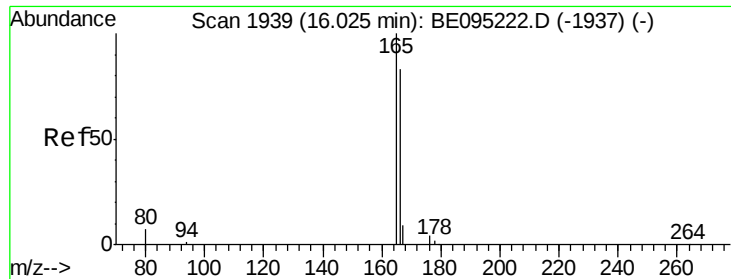
Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Tgt Ion:	153	Resp:	43712
Ion Ratio	Lower	Upper	
153	100		
152	50.0	36.0	54.0
154	85.5	72.0	108.0





#9

Fluorene

Concen: 0.987 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

ClientSampleId :

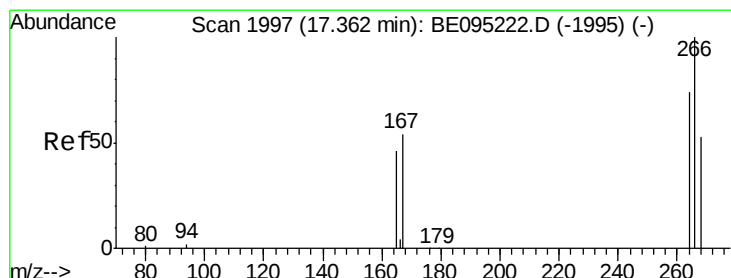
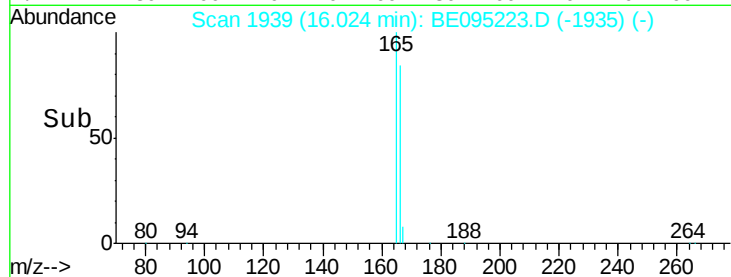
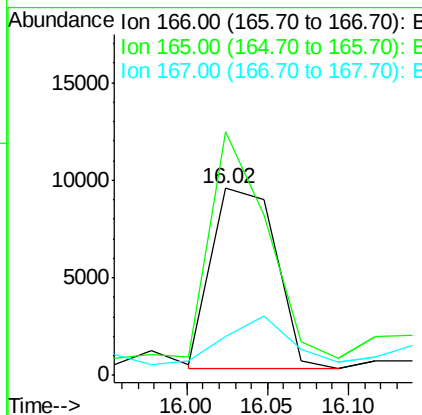
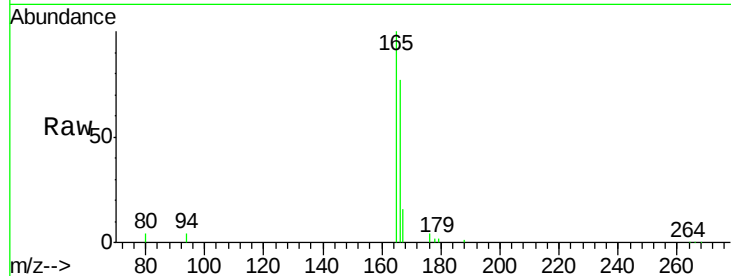
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Tot Ion	Ratio	Lower	Upper
166	100		
165	130.1	73.4	110.2#
167	21.0	14.6	22.0

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#11

Pentachlorophenol

Concen: 38.383 ng/ul

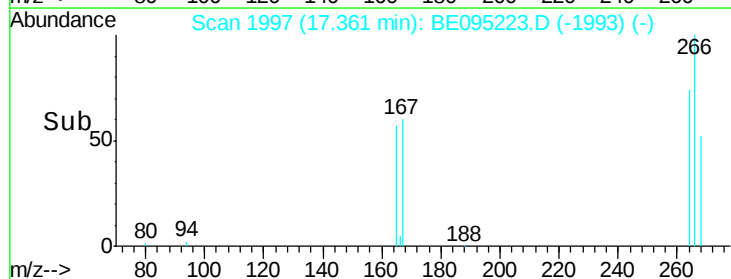
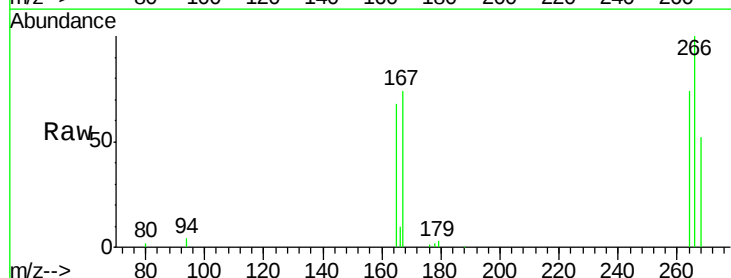
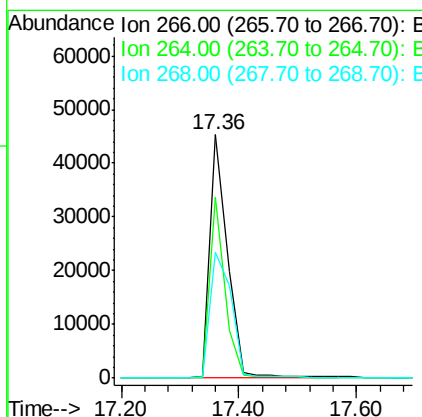
RT: 17.36 min Scan# 1997

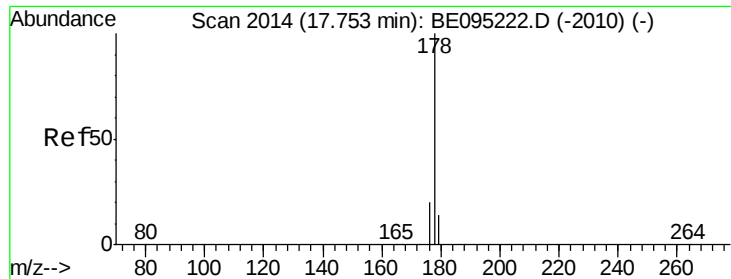
Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	47.9	71.9
268	62.5	49.8	74.8





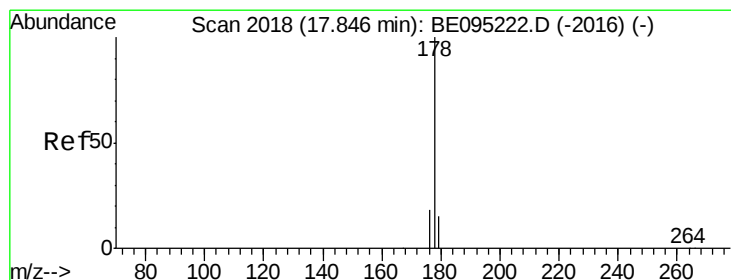
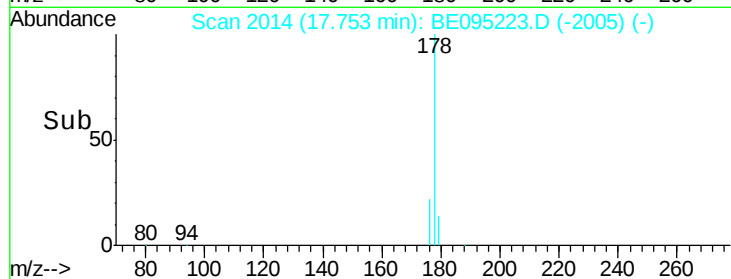
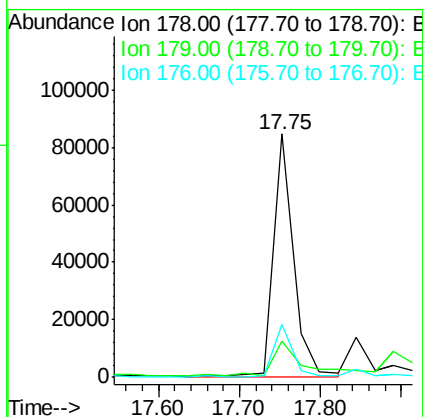
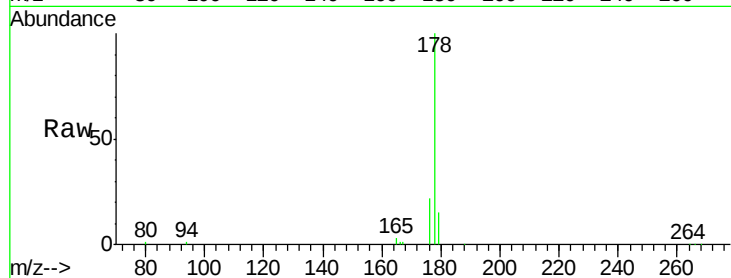
#12
Phenanthrene
Concen: 3.379 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Instrument :
BNA_E
ClientSampled :
F6A68

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	18.4	27.6#
176	22.0	13.6	20.4#

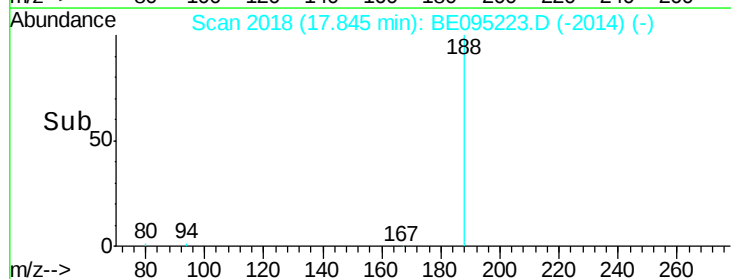
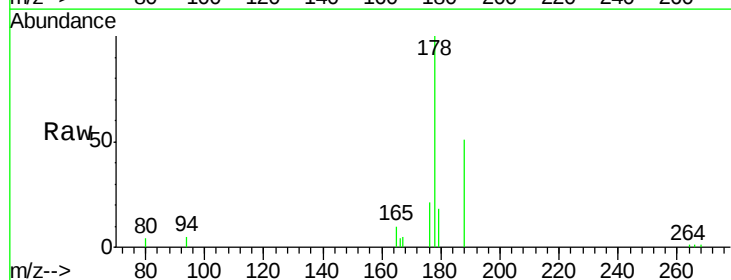
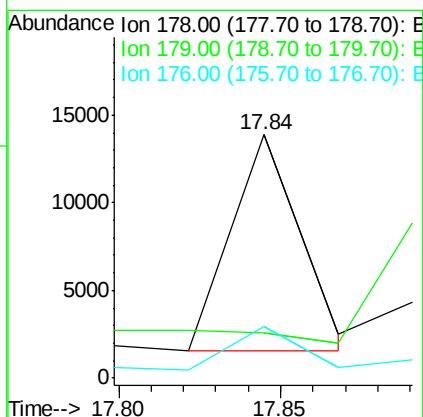
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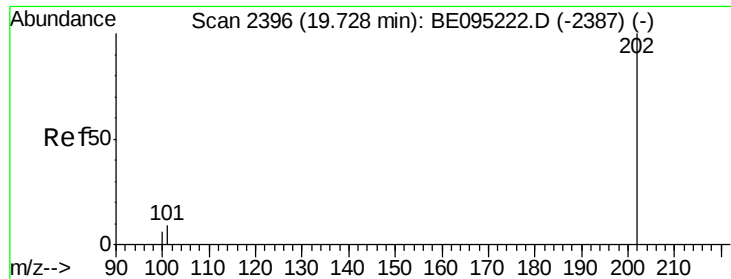
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#13
Anthracene
Concen: 0.470 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	18.1	27.1
176	20.9	14.7	22.1





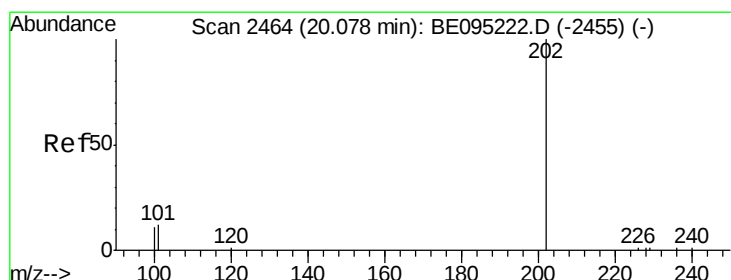
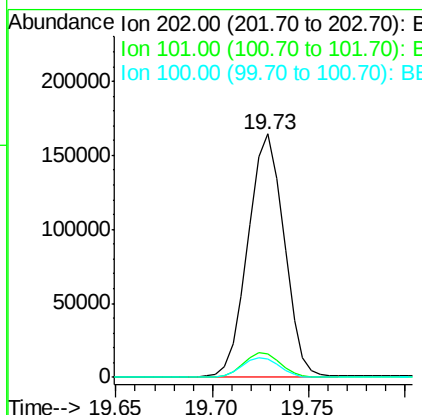
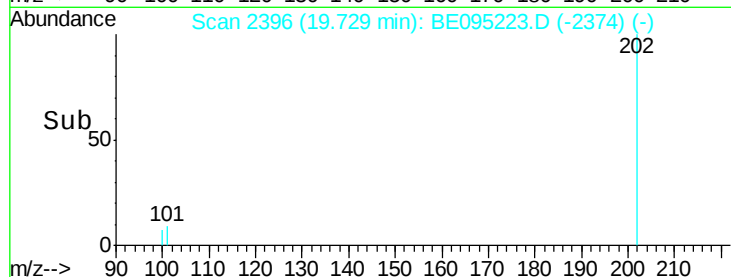
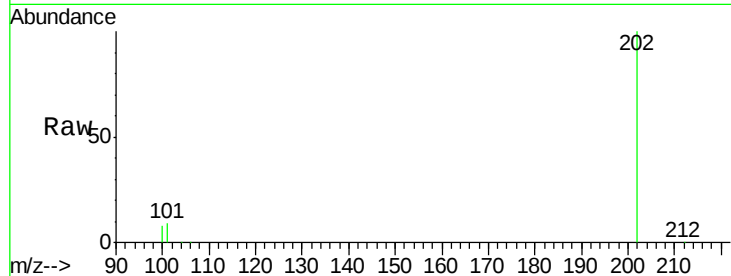
#15
Fluoranthene
Concen: 3.843 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Instrument :
BNA_E
ClientSampleId :
F6A68

Tot Ion	Ratio	Resp	Lower	Upper
202	100	212067		
101	9.4	0.0	30.3	
100	7.5	0.0	39.5	

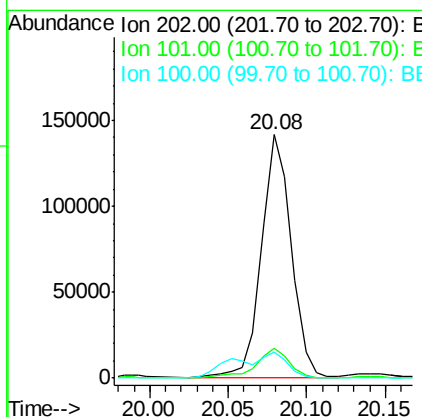
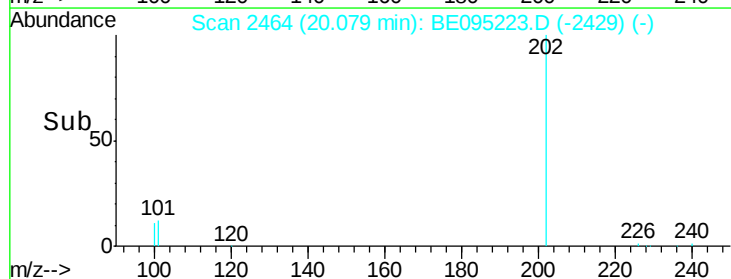
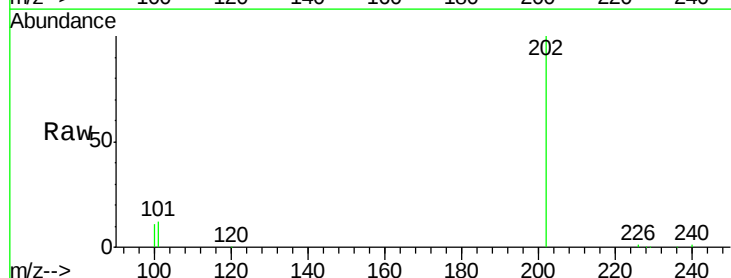
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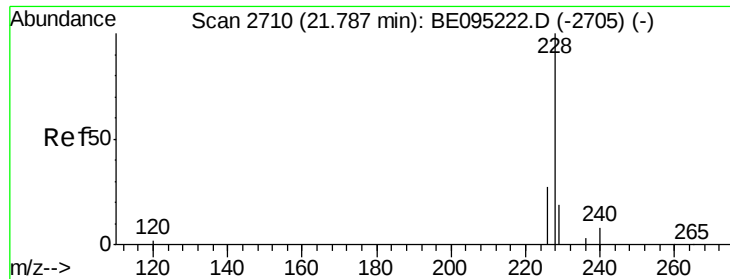
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#17
Pyrene
Concen: 4.345 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	187697		
101	12.1	18.2	27.4#	
100	10.6	15.6	23.4#	





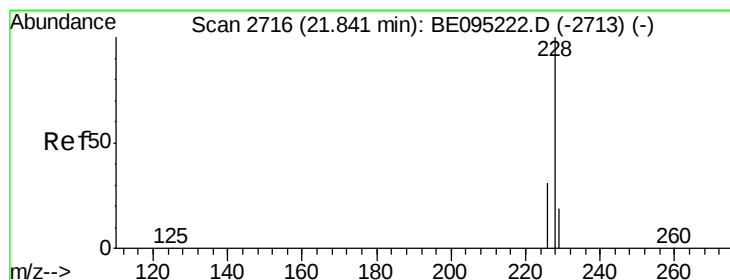
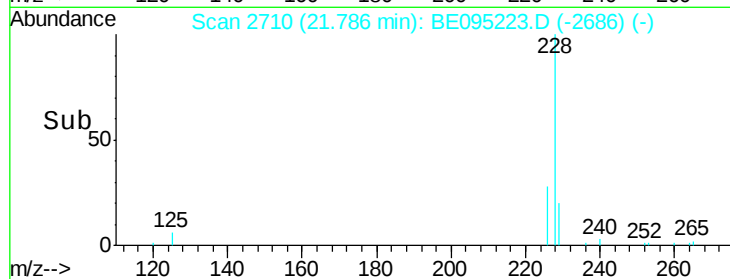
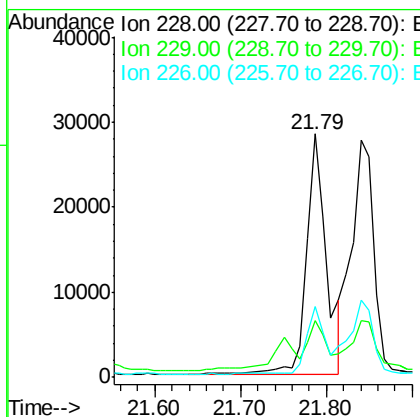
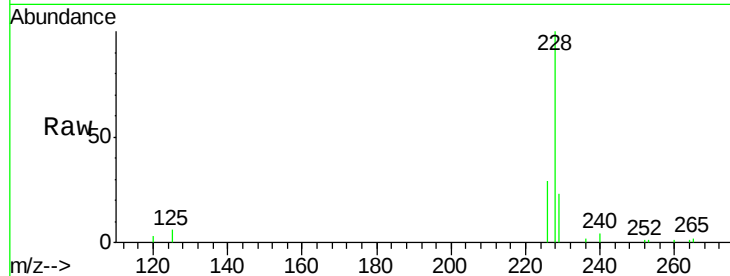
#18
Benzo(a)anthracene
Concen: 1.152 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Instrument :
BNA_E
ClientSampleId :
F6A68

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.1	22.8	34.2
226	29.2	17.0	25.6

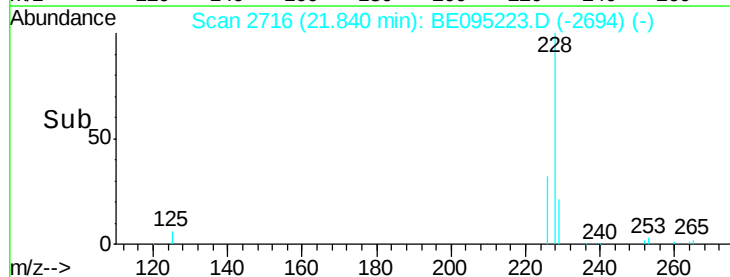
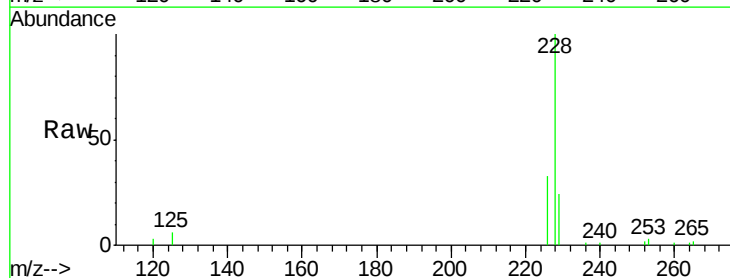
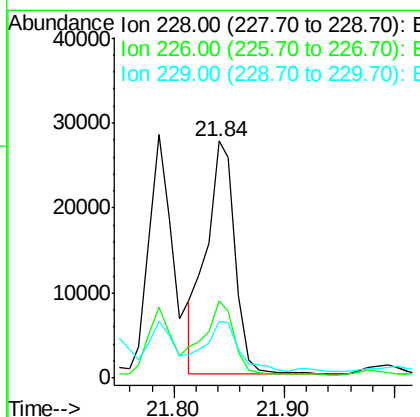
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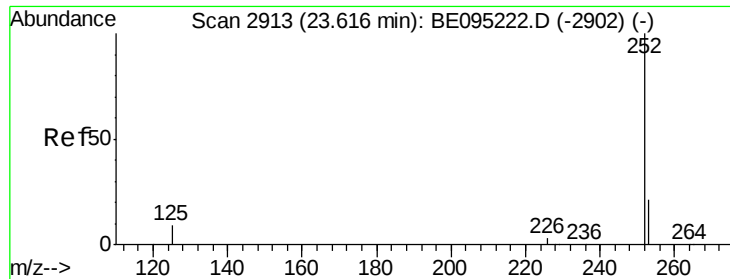
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#19
Chrysene
Concen: 1.194 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	24.0	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.370 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

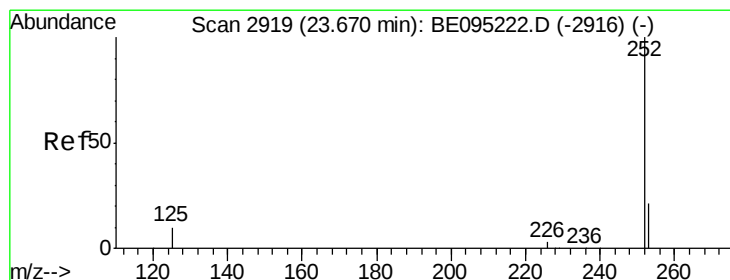
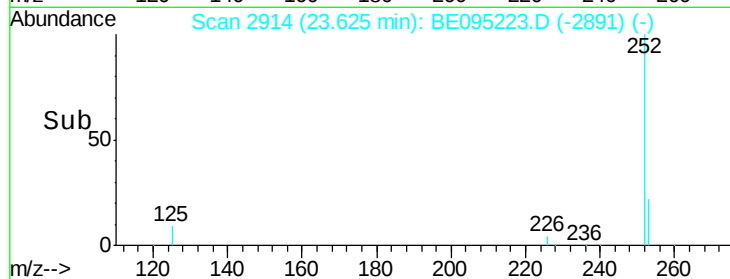
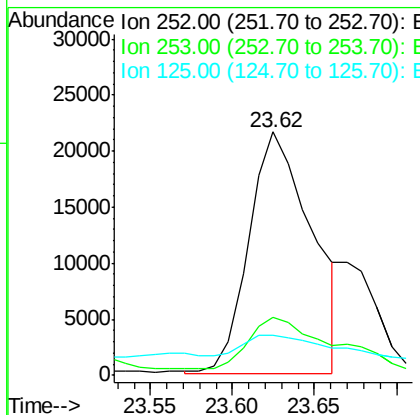
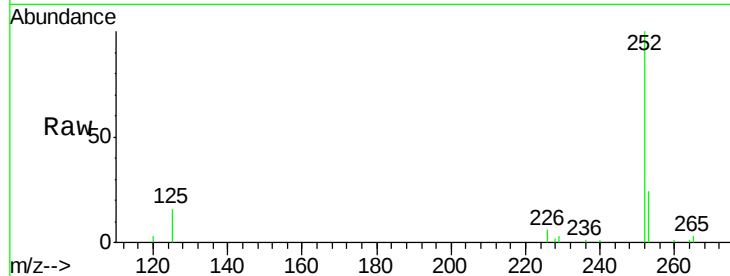
ClientSampleId :

F6A68

Tot Ion:	252	Resp:	57642
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	16.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.393 ng/ul m

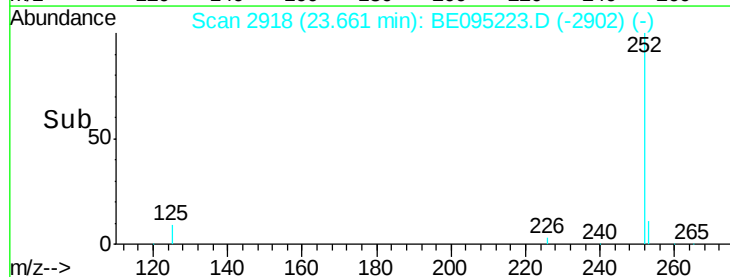
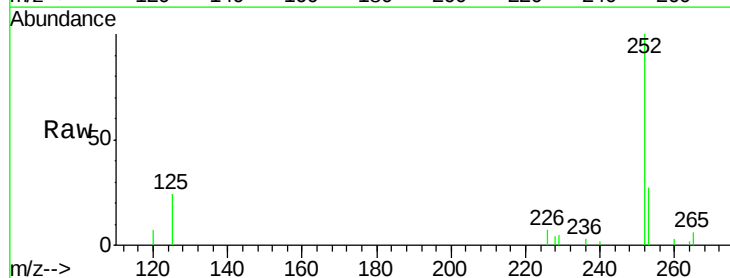
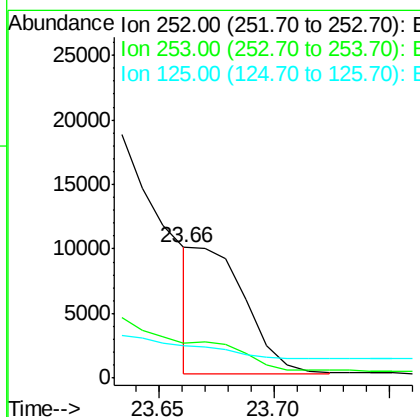
RT: 23.66 min Scan# 2918

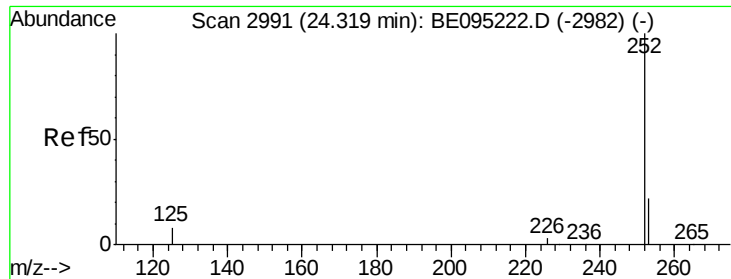
Delta R.T. -0.01 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Tgt Ion:	252	Resp:	15134
Ion Ratio	Lower	Upper	
252	100		
253	26.8	24.5	36.7
125	24.3	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.434 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

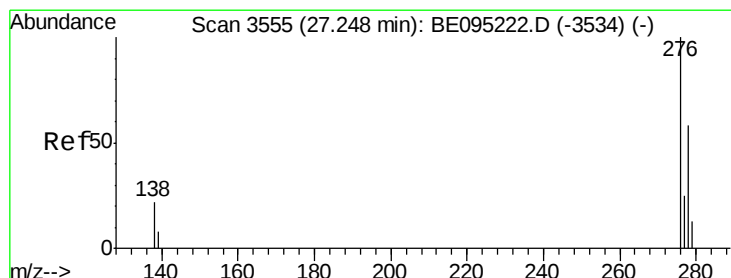
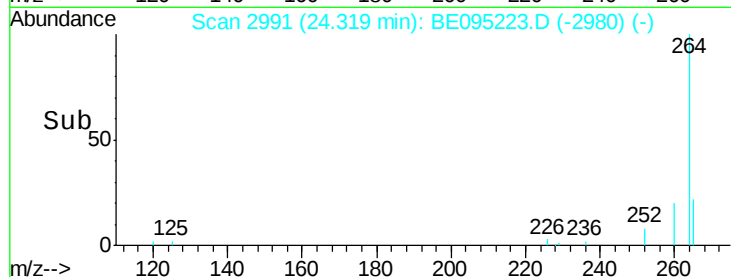
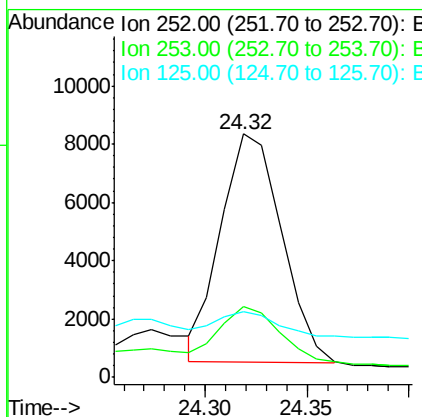
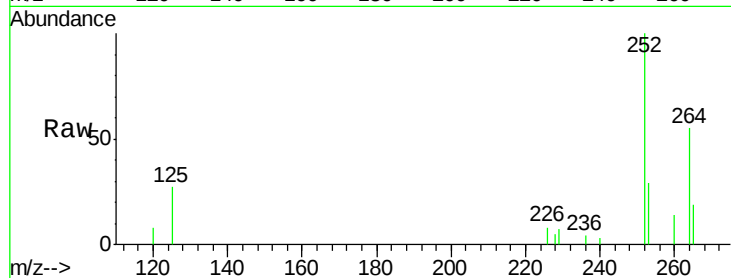
ClientSampled :

F6A68

Tot Ion:	252	Resp:	16295
Ion Ratio	Lower	Upper	
252	100		
253	29.1	28.5	42.7
125	26.8	18.1	27.1

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:01 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.300 ng/ul m

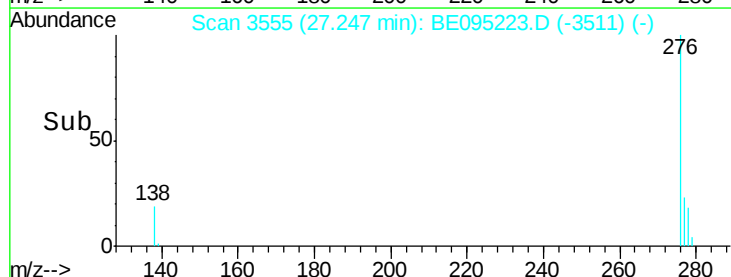
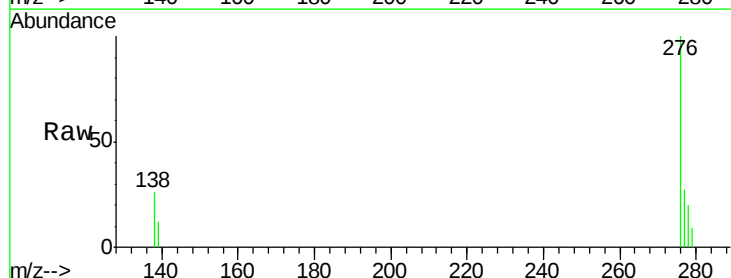
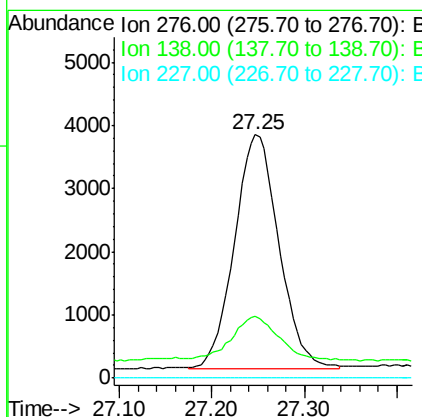
RT: 27.25 min Scan# 3555

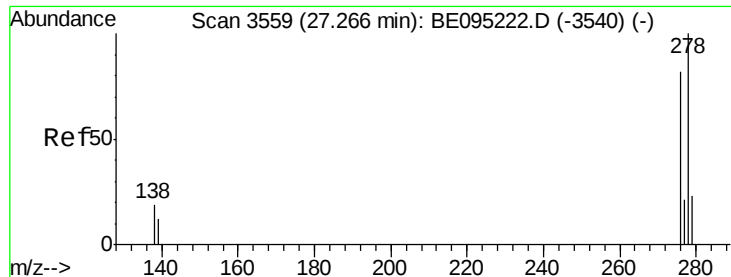
Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Tgt Ion:	276	Resp:	12379
Ion Ratio	Lower	Upper	
276	100		
138	0.3	28.0	42.0#
227	0.0	8.0	12.0#





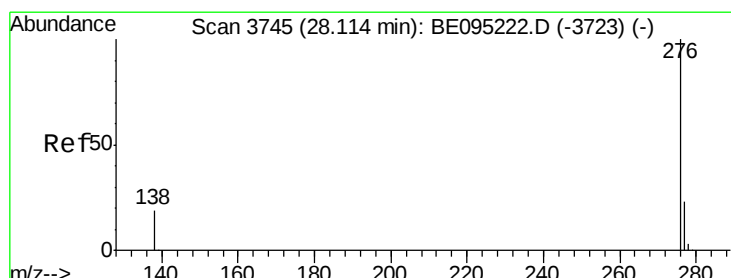
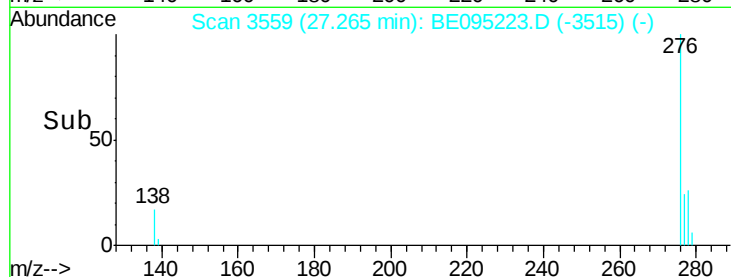
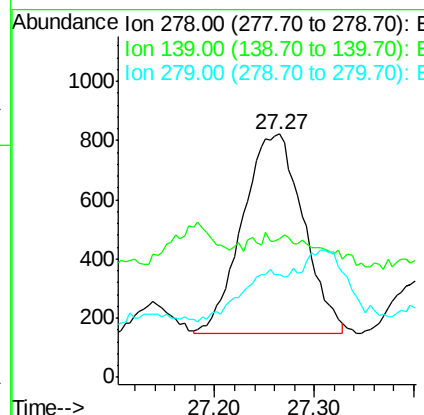
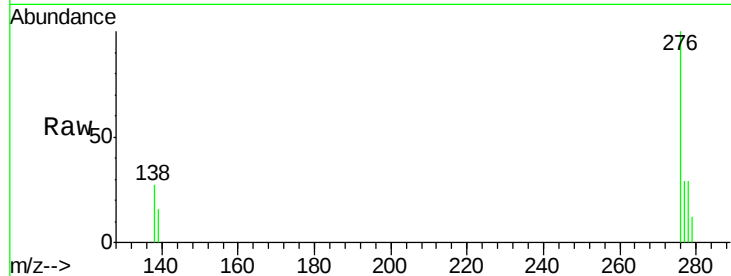
#25
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul m
RT: 27.27 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Instrument :
BNA_E
ClientSampleId :
F6A68

Tot Ion	Ratio	Lower	Upper
278	100		
139	56.9	17.4	26.0#
279	42.0	25.9	38.9#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:01 PM



#26
Benzo(g,h,i)perylene
Concen: 0.278 ng/ul m
RT: 28.12 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.8
277	27.1	20.5	30.7

