

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095189.D
 Acq On : 28 Jan 2018 4:31
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A25

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:22:13 PM

Quant Time: Jan 29 00:32:50 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 00:15:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3281	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10408	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6738	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13912m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	14491	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12715m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4691	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12823	0.24	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	401	0.021	ng/ul	94
7) Acenaphthylene	14.75	152	15732	0.485	ng/ul	97
8) Acenaphthene	15.08	153	905	0.036	ng/ul#	88
11) Pentachlorophenol	17.36	266	39575	14.687	ng/ul	96
12) Phenanthrene	17.75	178	54453	1.164	ng/ul#	87
13) Anthracene	17.85	178	23678	0.553	ng/ul#	92
15) Fluoranthene	19.73	202	358888	5.924	ng/ul	83
17) Pyrene	20.08	202	295135	6.070	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	83656	1.846	ng/ul#	86
19) Chrysene	21.84	228	89176	1.896	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	88479m	1.972	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	24763m	0.603	ng/ul	
23) Benzo(a)pyrene	24.32	252	17211m	0.430	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	17544m	0.399	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	4096m	0.114	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	15005m	0.403	ng/ul	

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

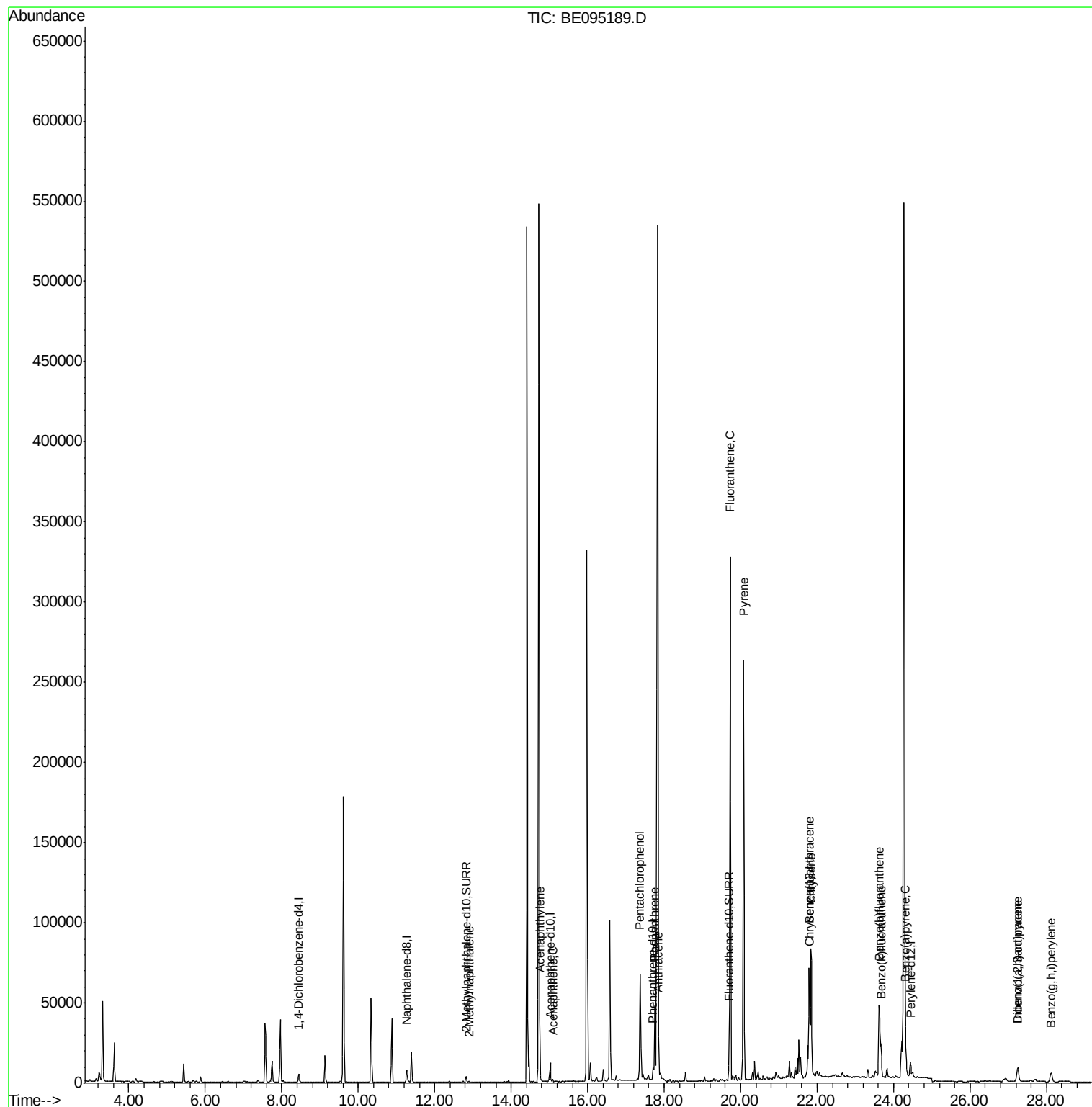
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
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ALS Vial : 28 Sample Multiplier: 1

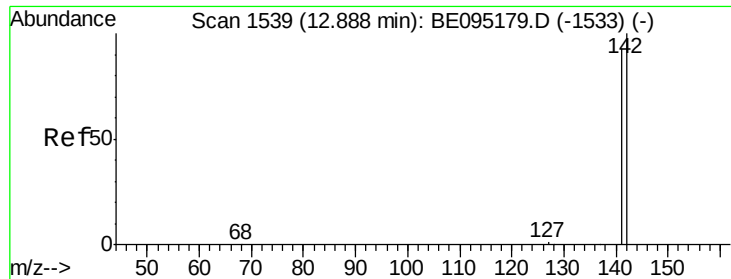
Instrument :
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F6A25

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Quant Time: Jan 29 00:32:50 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Instrument :

BNA_E

ClientSampleId :

F6A25

Tot Ion:142 Resp: 401

Ion Ratio Lower Upper

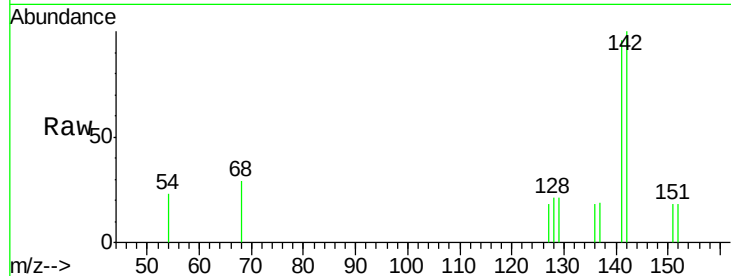
142 100

141 96.0 72.6 108.8

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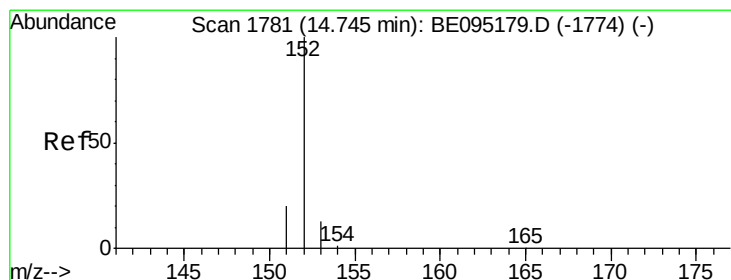
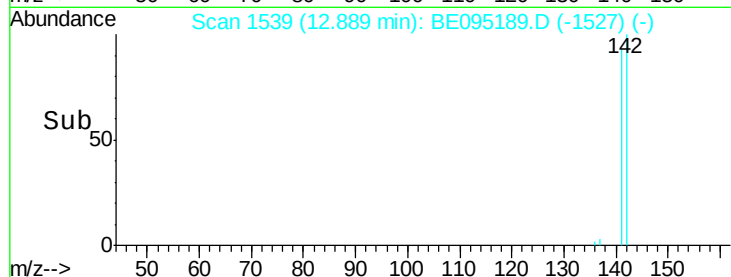
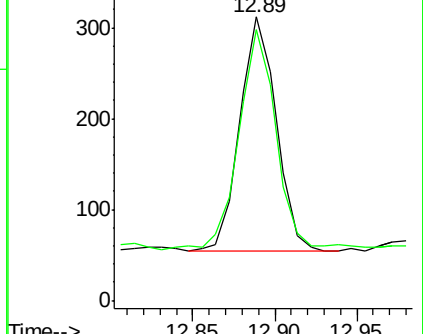
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#7

Acenaphthylene

Concen: 0.485 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

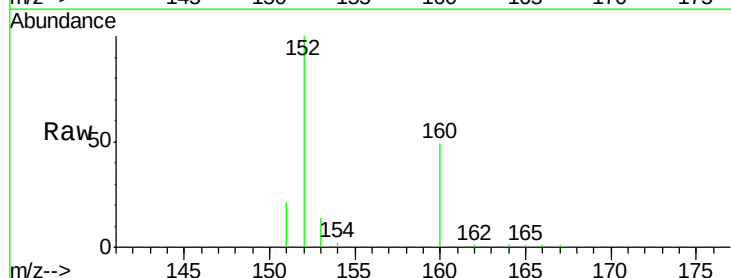
Tgt Ion:152 Resp: 15732

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

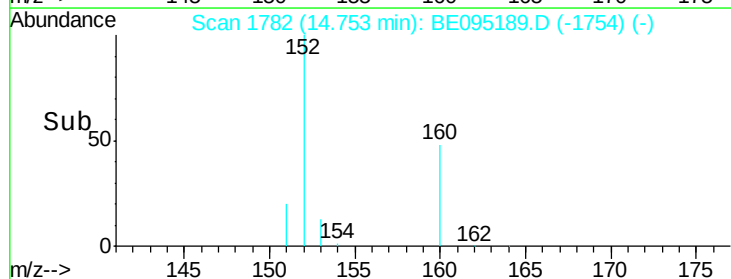
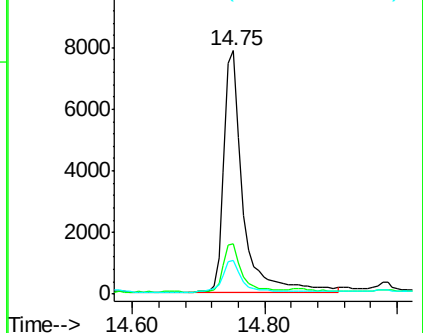
153 13.8 12.8 19.2

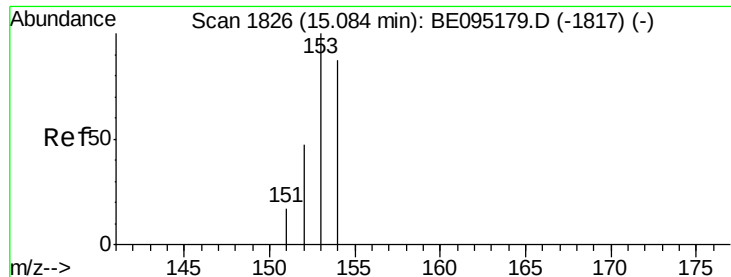


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.036 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Instrument :

BNA_E

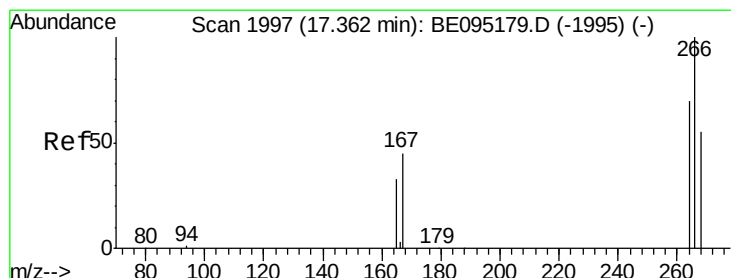
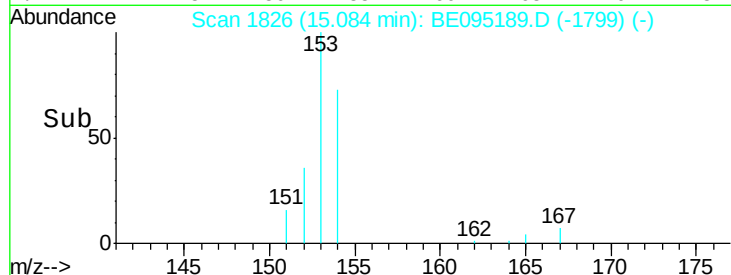
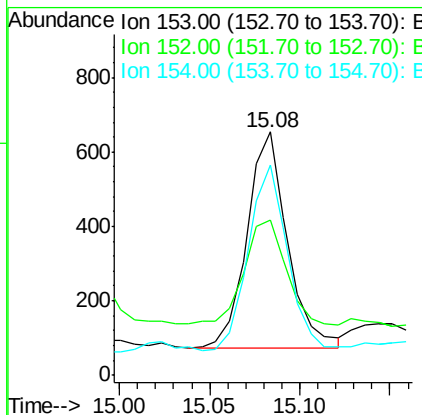
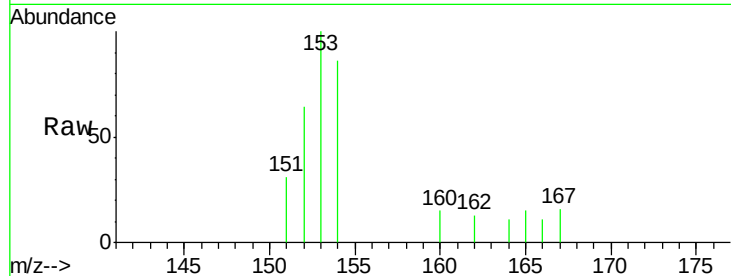
ClientSampleId :

F6A25

Tot Ion:	153	Resp:	905
Ion Ratio	Lower	Upper	
153	100		
152	63.8	36.0	54.0#
154	86.2	72.0	108.0

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#11

Pentachlorophenol

Concen: 14.687 ng/ul

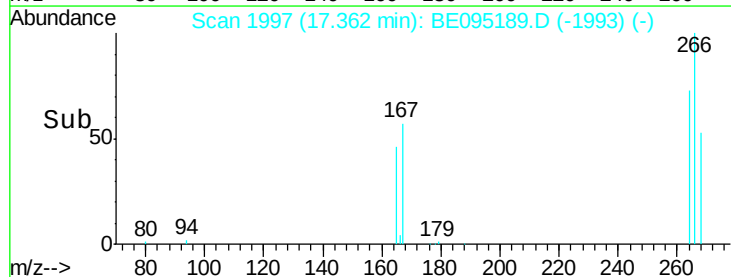
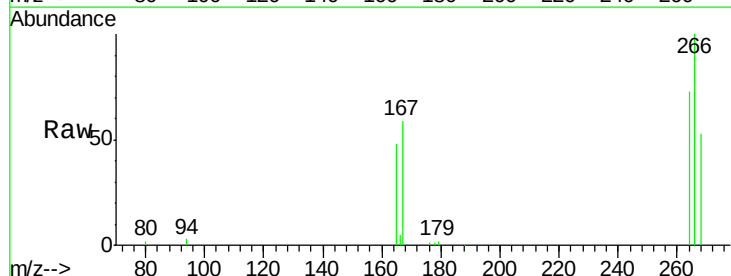
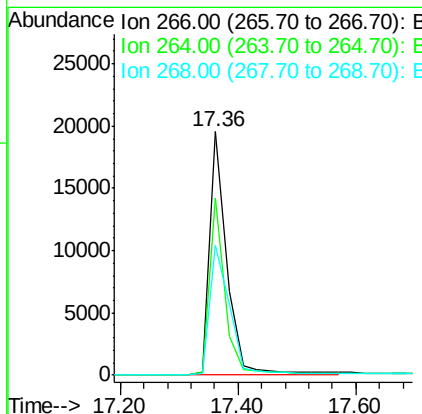
RT: 17.36 min Scan# 1997

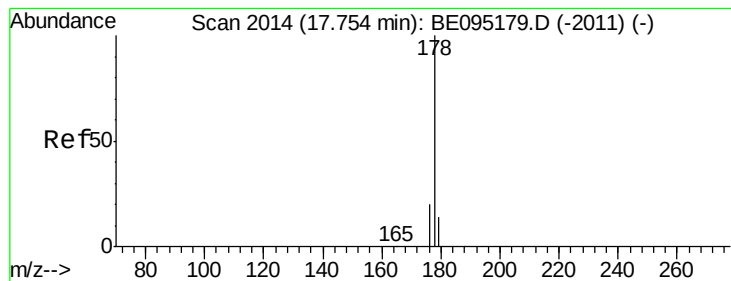
Delta R.T. 0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Tgt Ion:	266	Resp:	39575
Ion Ratio	Lower	Upper	
266	100		
264	65.6	47.9	71.9
268	61.7	49.8	74.8





#12

Phenanthrene

Concen: 1.164 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Instrument :

BNA_E

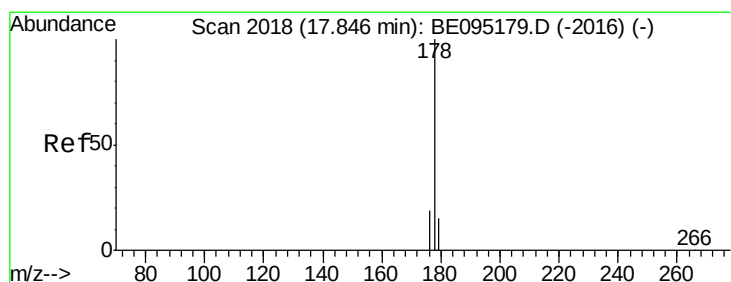
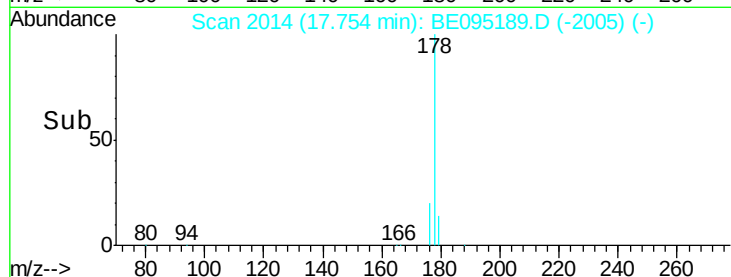
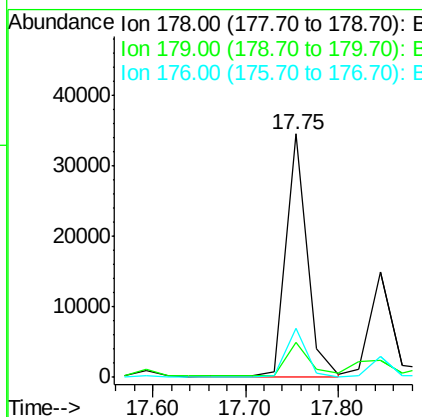
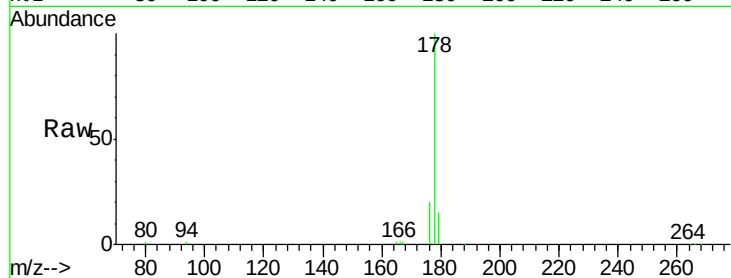
ClientSampleId :

F6A25

Tot Ion:178	Resp:	54453
Ion Ratio	Lower	Upper
178	100	
179	14.6	18.4 27.6#
176	20.4	13.6 20.4#

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#13

Anthracene

Concen: 0.553 ng/ul

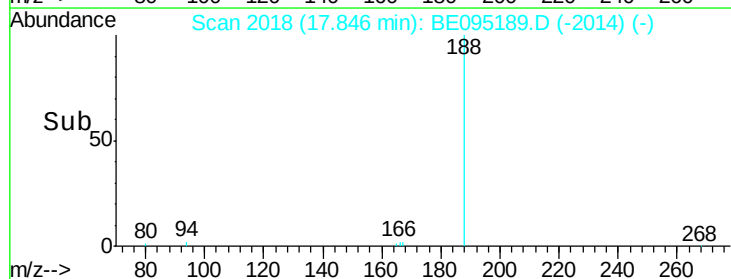
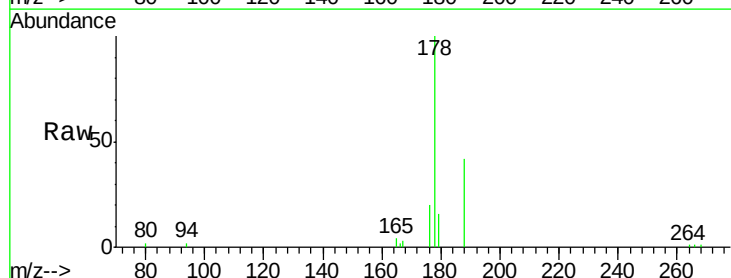
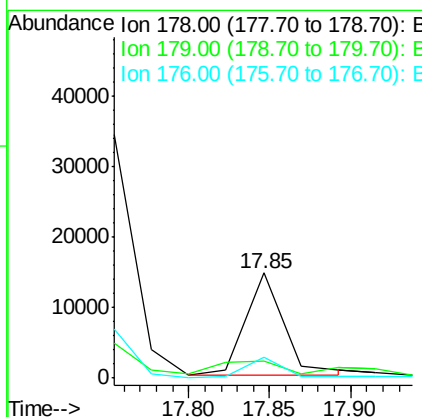
RT: 17.85 min Scan# 2018

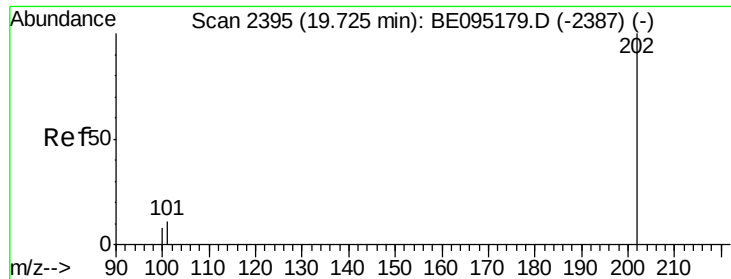
Delta R.T. 0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Tgt Ion:178	Resp:	23678
Ion Ratio	Lower	Upper
178	100	
179	16.4	18.1 27.1#
176	19.8	14.7 22.1





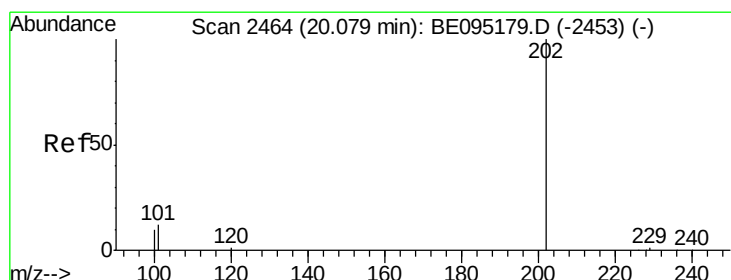
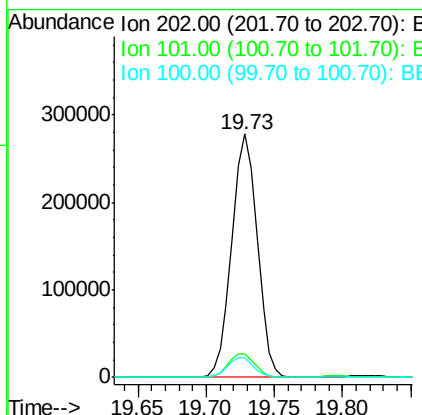
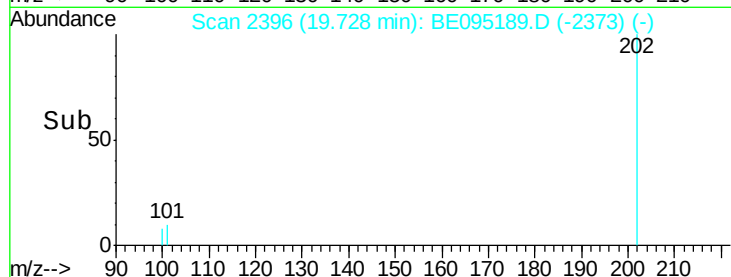
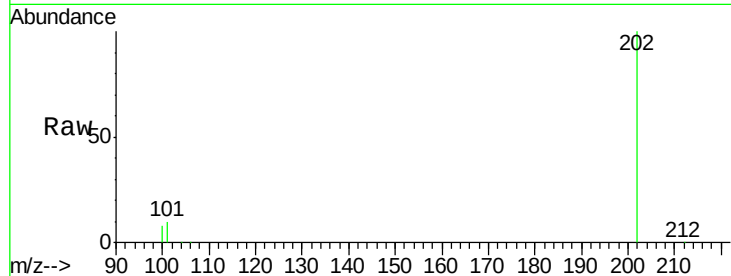
#15
Fluoranthene
Concen: 5.924 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095189.D
Acq: 28 Jan 2018 4:31

Instrument :
BNA_E
ClientSampleId :
F6A25

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	30.3
100	7.9	0.0	39.5

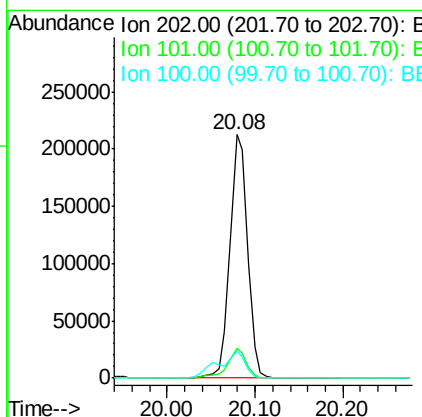
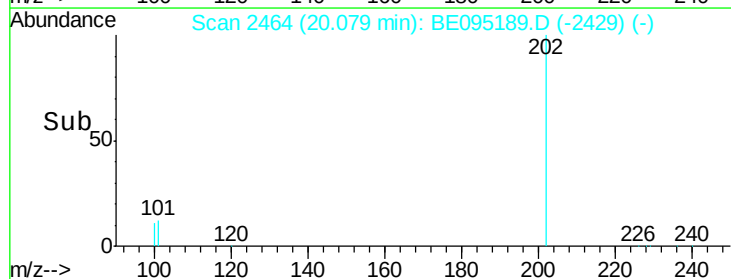
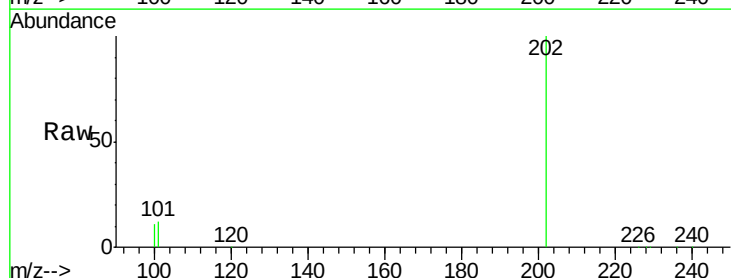
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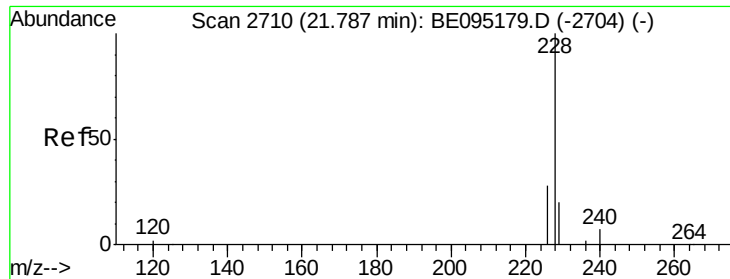
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#17
Pyrene
Concen: 6.070 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095189.D
Acq: 28 Jan 2018 4:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.1	15.6	23.4#





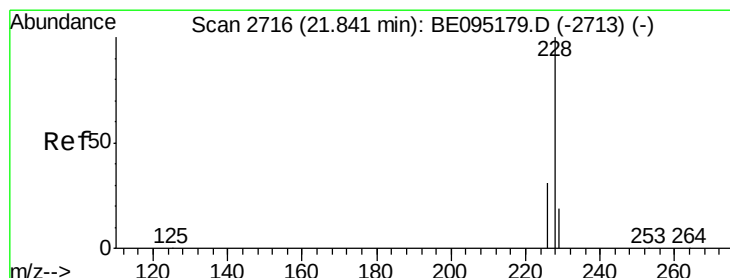
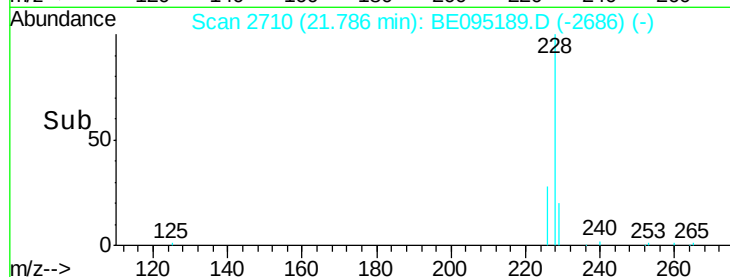
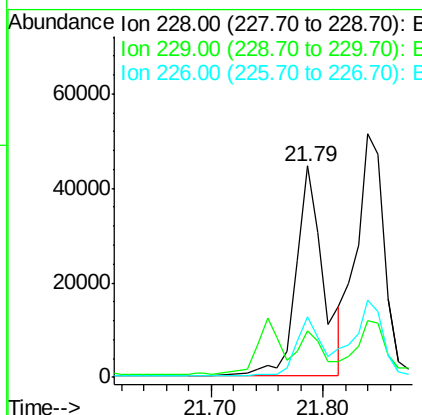
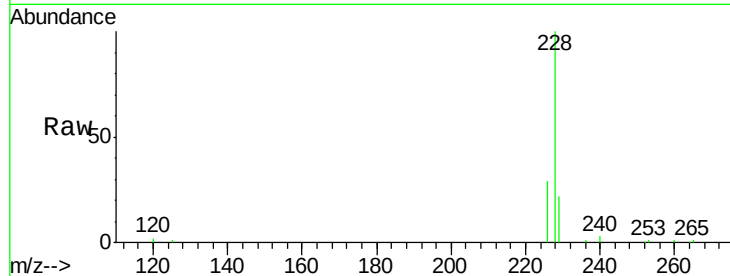
#18
Benzo(a)anthracene
Concen: 1.846 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095189.D
Acq: 28 Jan 2018 4:31

Instrument :
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ClientSampleId :
F6A25

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	28.5	17.0	25.6#

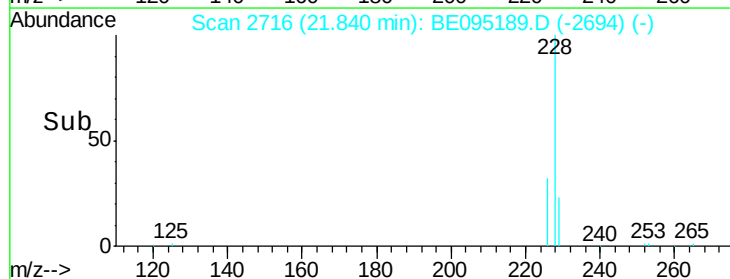
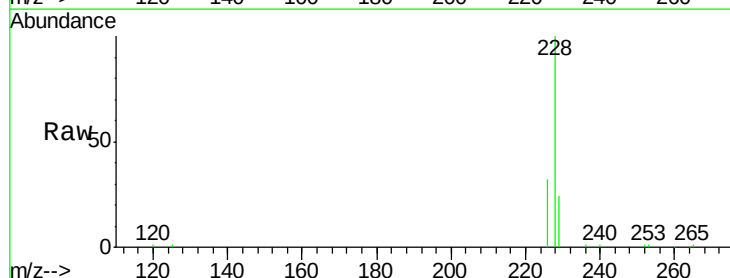
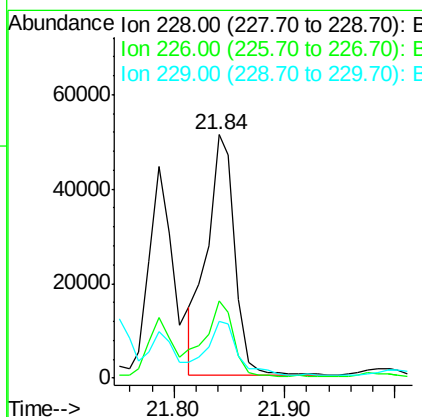
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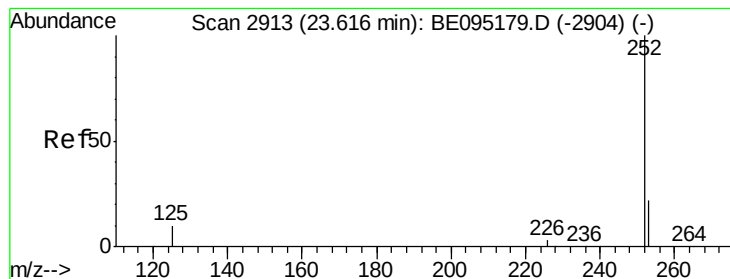
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#19
Chrysene
Concen: 1.896 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095189.D
Acq: 28 Jan 2018 4:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	23.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.972 ng/ul m

RT: 23.62 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Instrument :

BNA_E

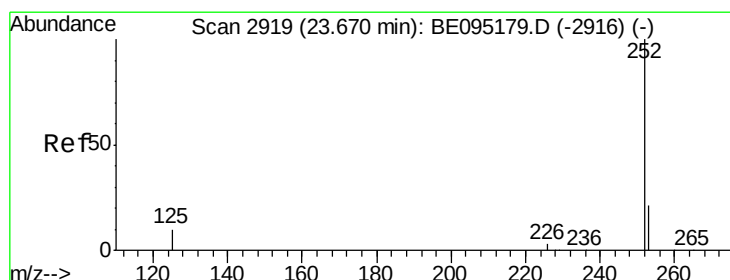
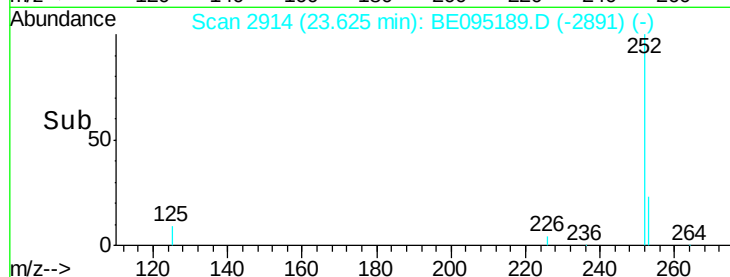
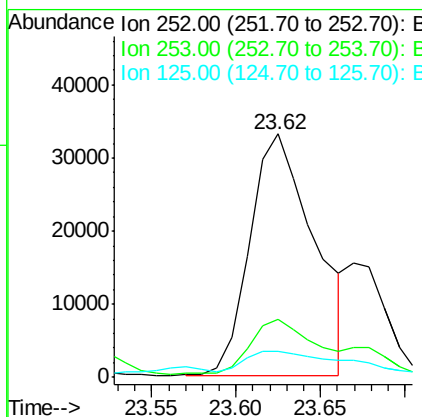
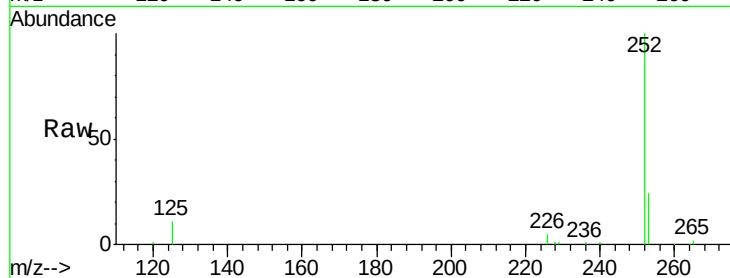
ClientSampled :

F6A25

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	0.0	64.2
125	10.7	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.603 ng/ul m

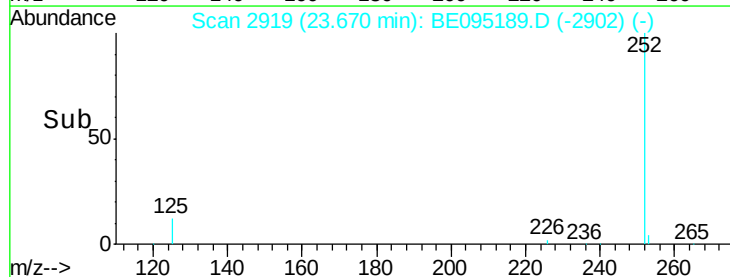
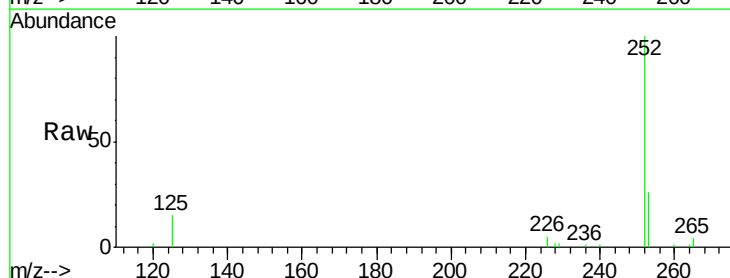
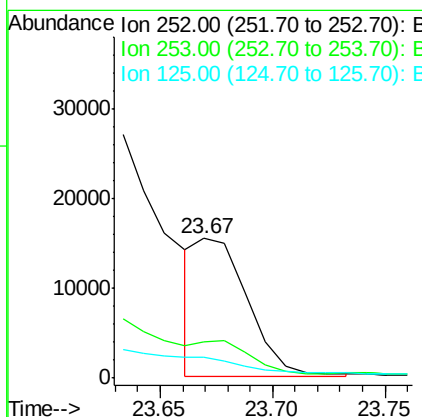
RT: 23.67 min Scan# 2919

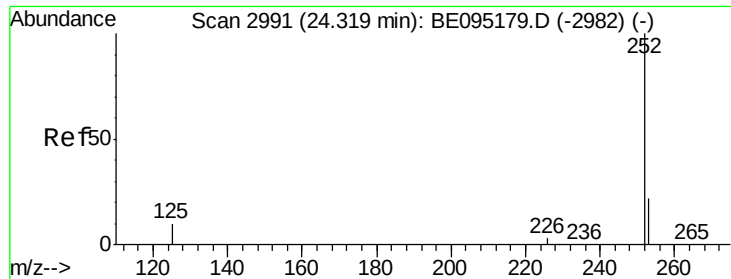
Delta R.T. -0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.8	24.5	36.7
125	14.8	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.430 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Instrument :

BNA_E

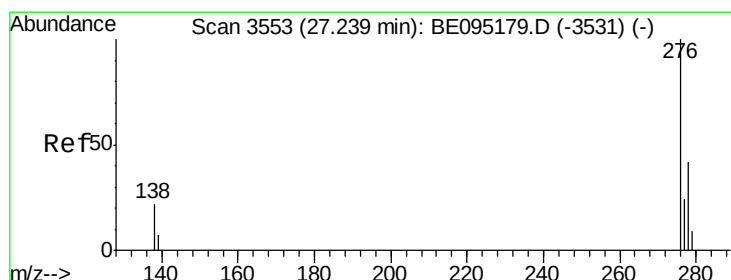
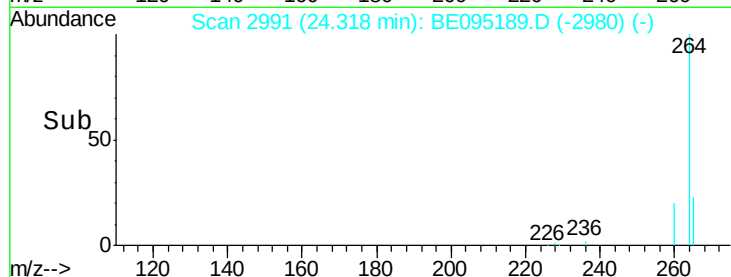
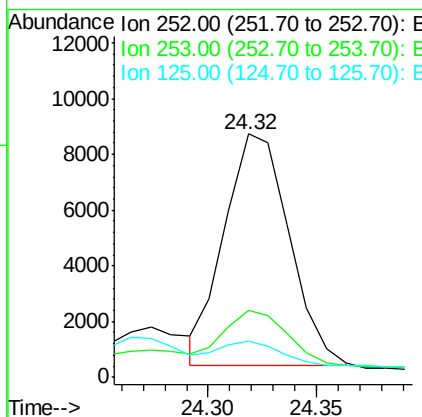
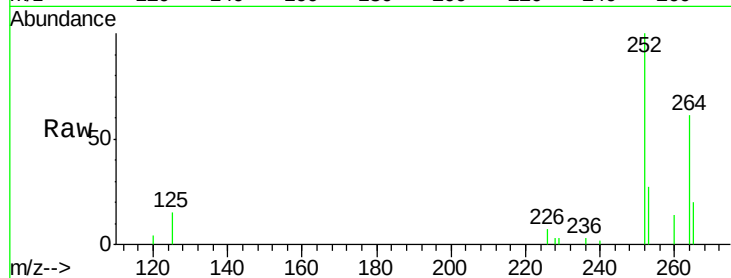
ClientSampleId :

F6A25

Tot Ion:	252	Resp:	17211
Ion Ratio	Lower	Upper	
252	100		
253	27.3	28.5	42.7#
125	15.0	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul m

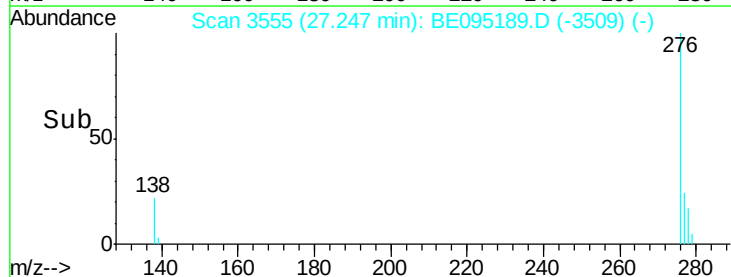
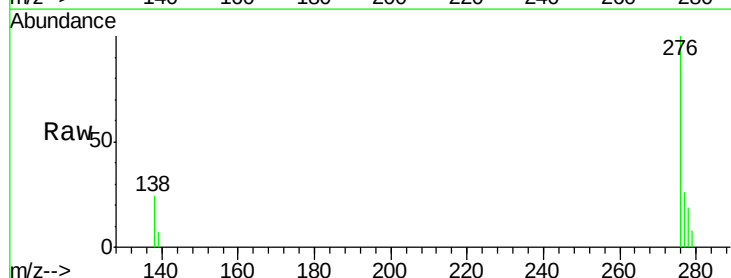
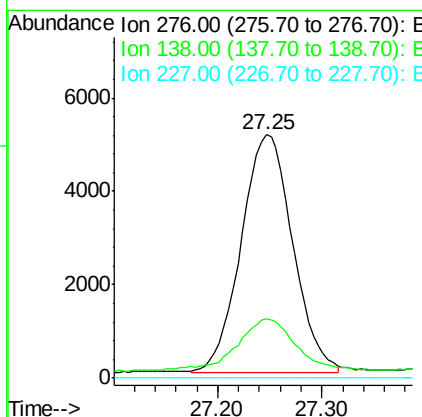
RT: 27.25 min Scan# 3553

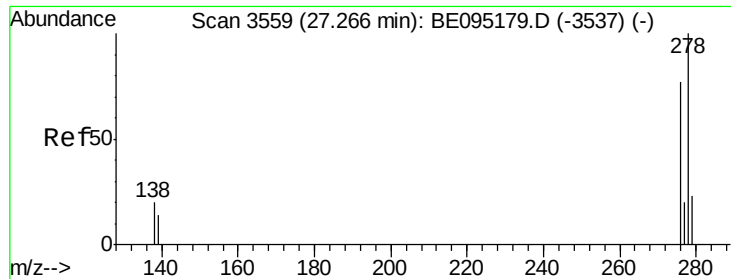
Delta R.T. 0.01 min

Lab File: BE095189.D

Acq: 28 Jan 2018 4:31

Tgt Ion:	276	Resp:	17544
Ion Ratio	Lower	Upper	
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#





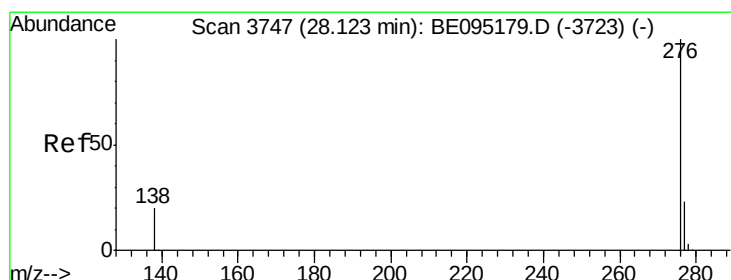
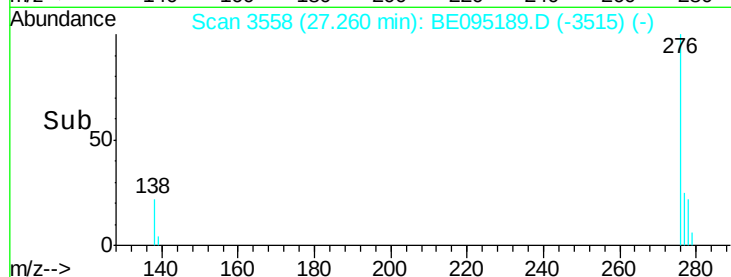
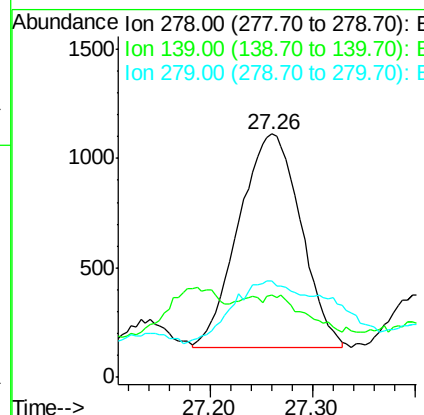
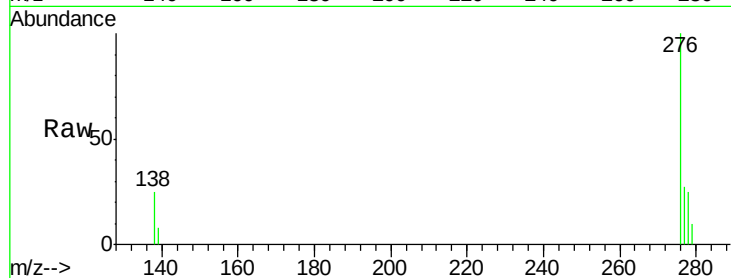
#25
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul m
RT: 27.26 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BE095189.D
Acq: 28 Jan 2018 4:31

Instrument :
BNA_E
ClientSampled :
F6A25

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.7	17.4	26.0#
279	39.7	25.9	38.9#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:22:13 PM



#26
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul m
RT: 28.12 min Scan# 3747
Delta R.T. -0.00 min
Lab File: BE095189.D
Acq: 28 Jan 2018 4:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.8	32.8
277	26.5	20.5	30.7

