

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A73

Manual Integrations
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Quant Time: Jan 29 08:35:36 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	2678	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8281	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5276	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10976	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	12324	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11224m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3100	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9486	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	42943	1.852	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6318	0.408	ng/ul	100
7) Acenaphthylene	14.75	152	1181	0.047	ng/ul#	85
8) Acenaphthene	15.08	153	4304	0.219	ng/ul	94
9) Fluorene	16.03	166	2513	0.124	ng/ul#	76
11) Pentachlorophenol	17.36	266	62097	29.210	ng/ul	95
12) Phenanthrene	17.75	178	75776	2.053	ng/ul#	86
13) Anthracene	17.85	178	10847	0.321	ng/ul#	91
15) Fluoranthene	19.73	202	188820	3.950	ng/ul	83
17) Pyrene	20.08	202	139843	3.382	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	34944	0.907	ng/ul#	85
19) Chrysene	21.84	228	35619	0.890	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	27778m	0.701	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	7087m	0.196	ng/ul	
23) Benzo(a)pyrene	24.32	252	9868m	0.279	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	4950m	0.128	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	1257m	0.040	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	3623m	0.110	ng/ul	

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

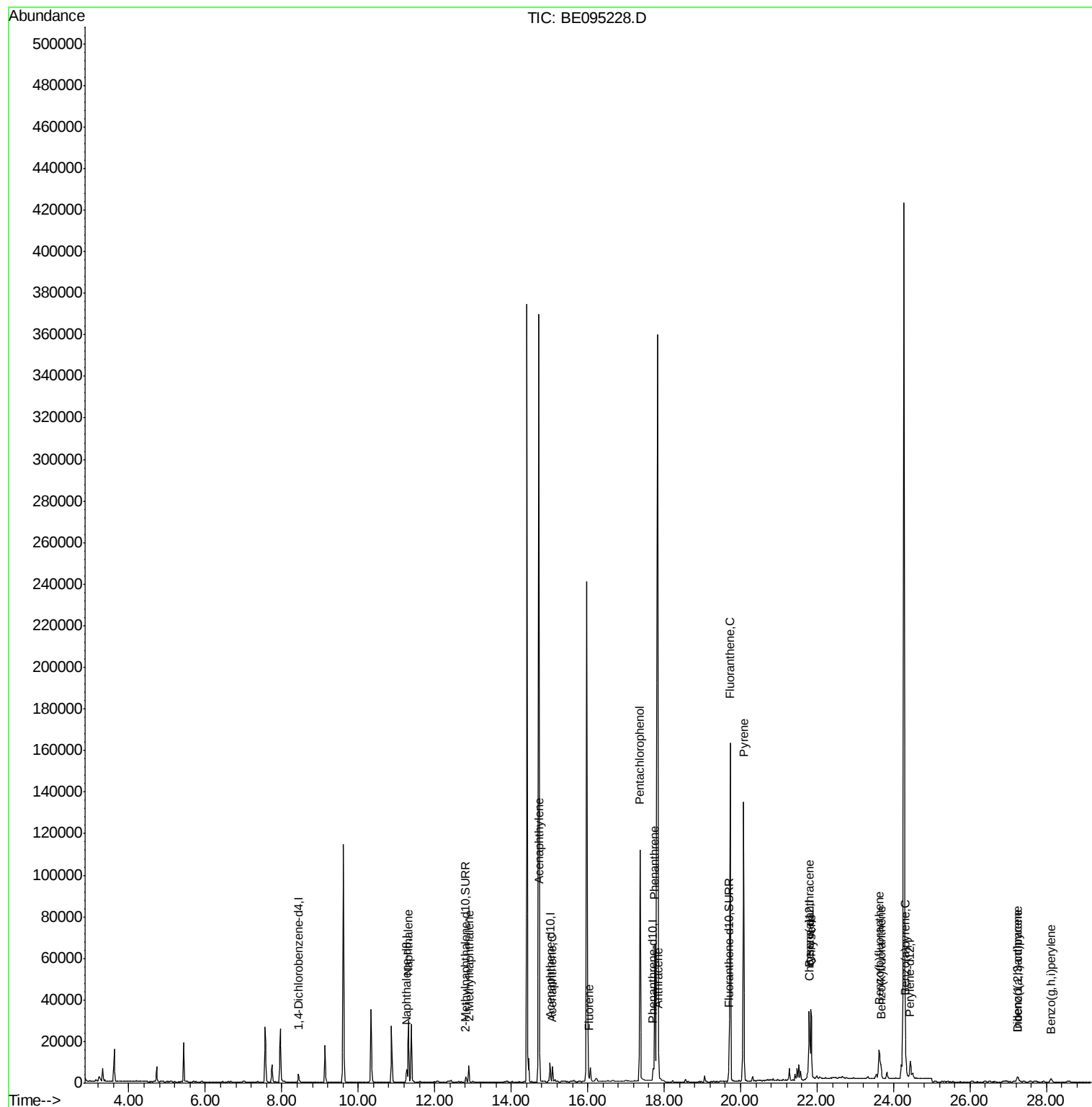
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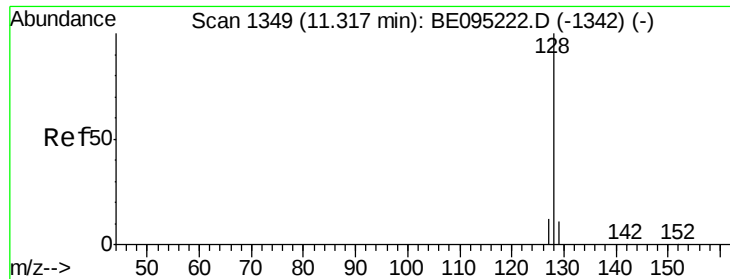
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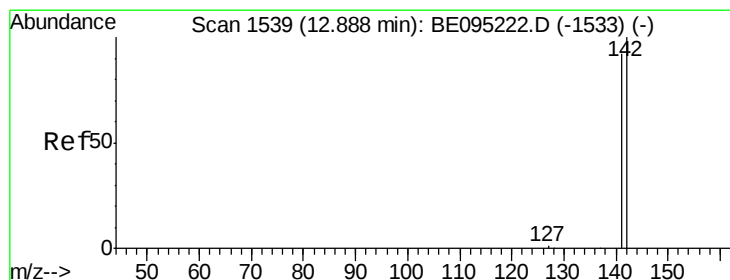
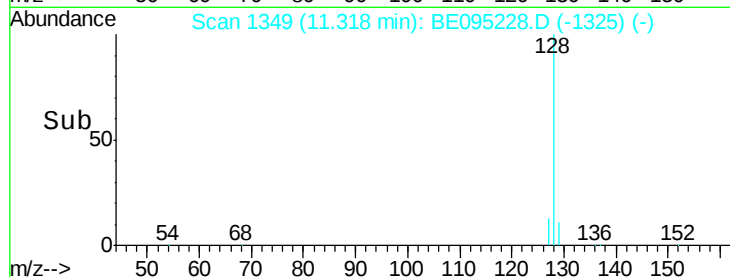
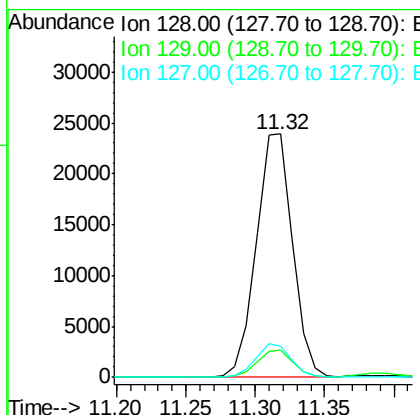
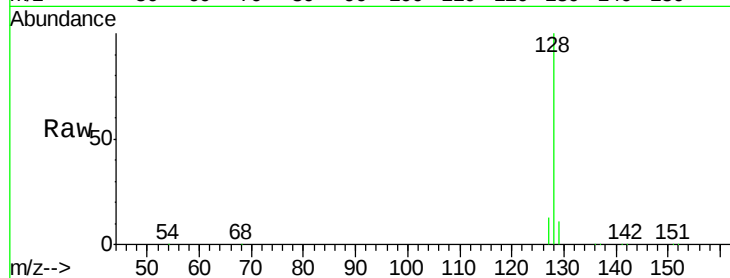
#3
Naphthalene
Concen: 1.852 ng/ul
RT: 11.32 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Instrument :
BNA_E
ClientSampleId :
F6A73

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9
127	13.0	4.0	6.0

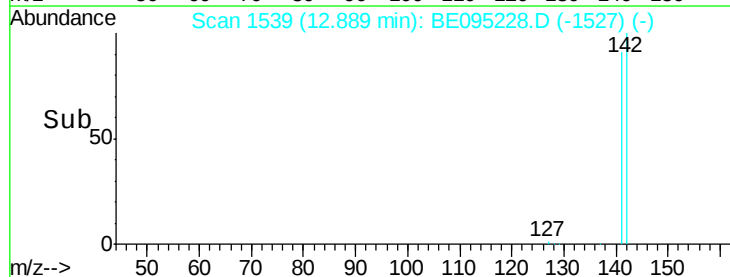
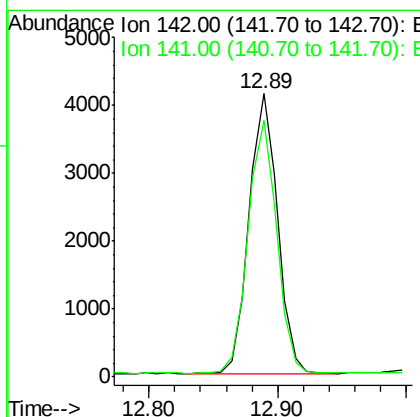
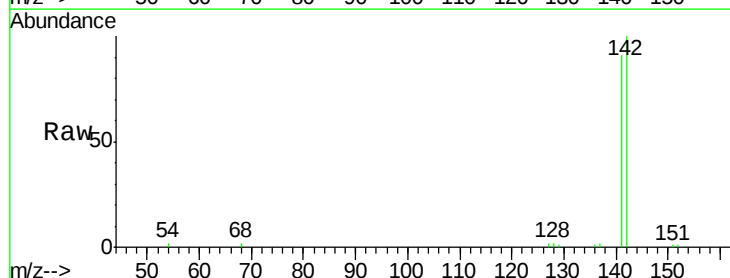
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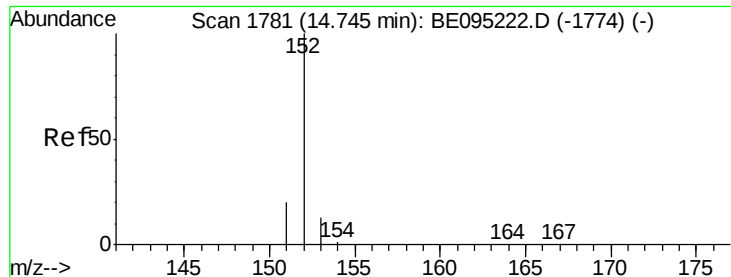
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#5
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095228.D

Acq: 29 Jan 2018 3:51

Instrument :

BNA_E

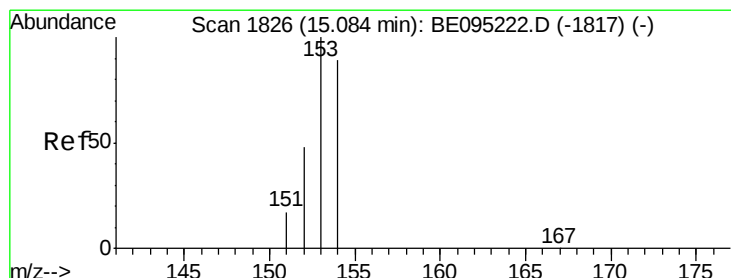
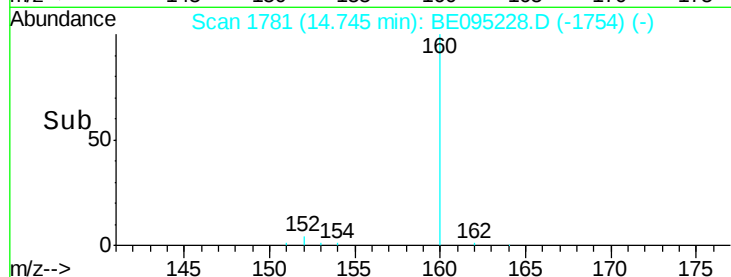
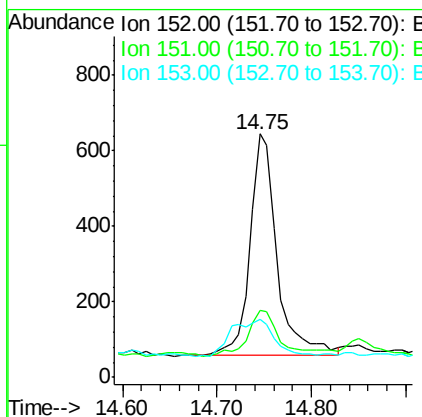
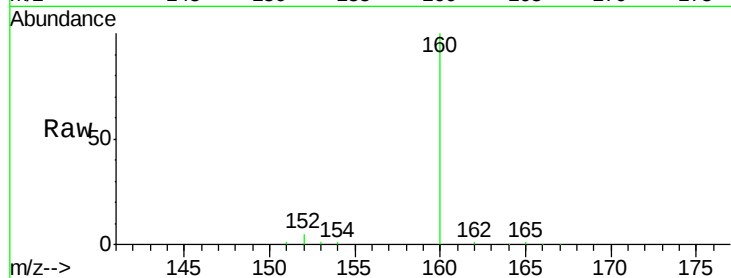
ClientSampleId :

F6A73

Tot Ion:	152	Resp:	1181
Ion Ratio	Lower	Upper	
152	100		
151	27.4	17.1	25.7#
153	23.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.219 ng/ul

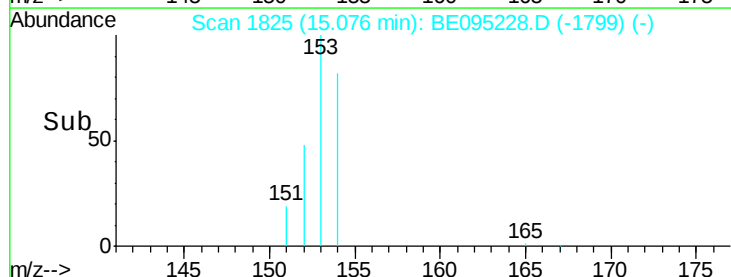
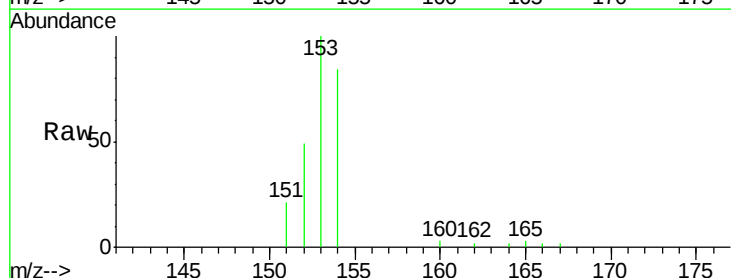
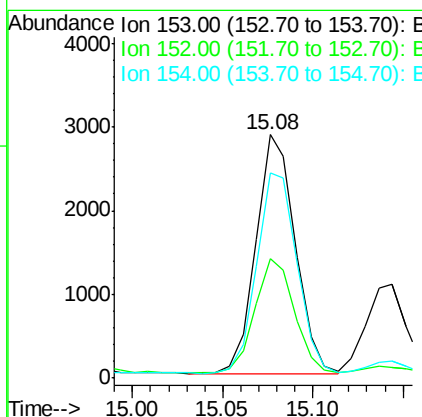
RT: 15.08 min Scan# 1825

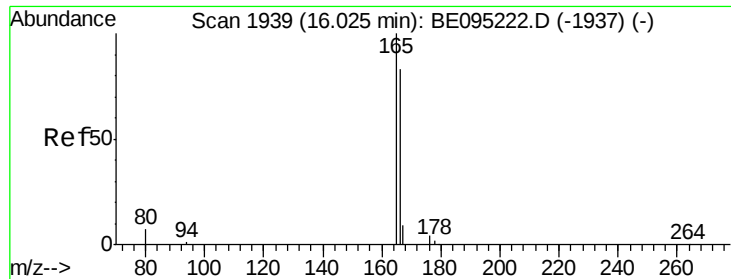
Delta R.T. -0.01 min

Lab File: BE095228.D

Acq: 29 Jan 2018 3:51

Tgt Ion:	153	Resp:	4304
Ion Ratio	Lower	Upper	
153	100		
152	49.1	36.0	54.0
154	84.1	72.0	108.0





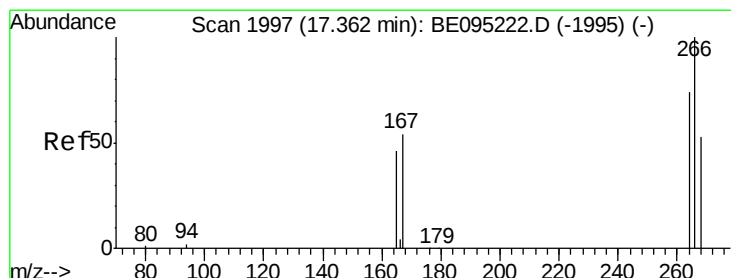
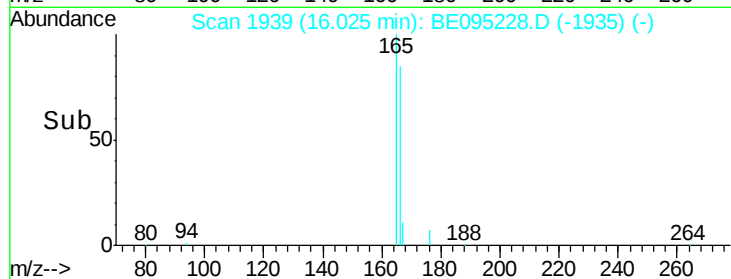
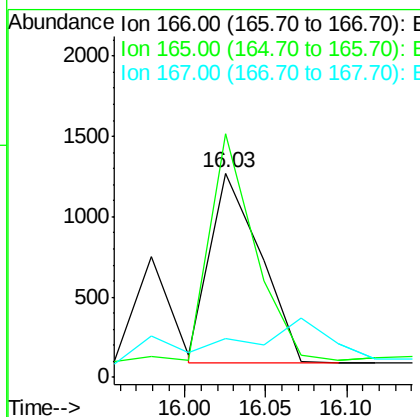
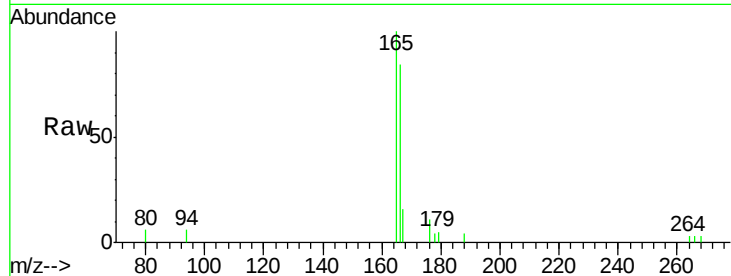
#9
Fluorene
 Concen: 0.124 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BE095228.D
 Acq: 29 Jan 2018 3:51

Instrument :
 BNA_E
 ClientSampleId :
 F6A73

Tot Ion	Ratio	Lower	Upper
166	100		
165	119.4	73.4	110.2#
167	18.9	14.6	22.0

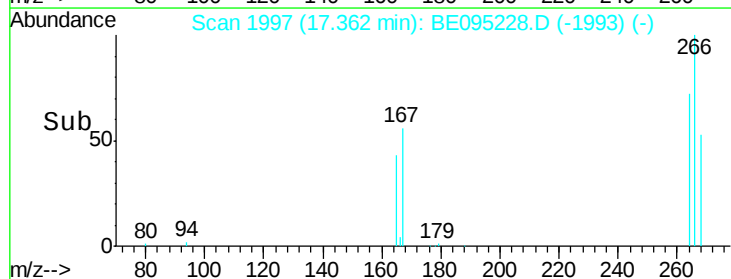
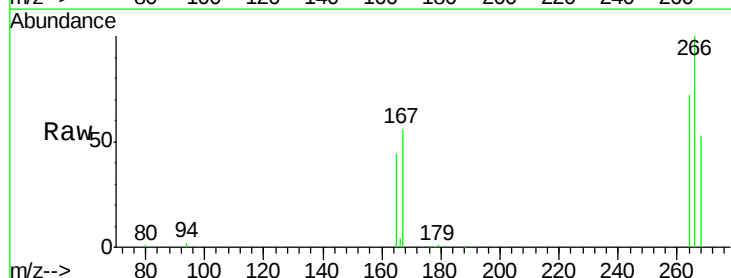
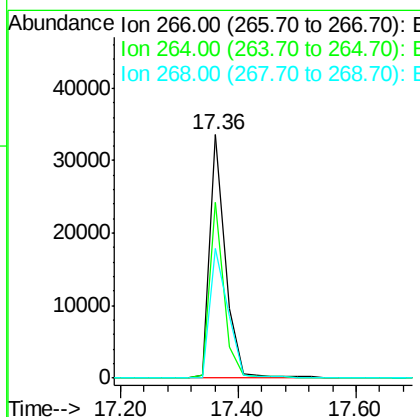
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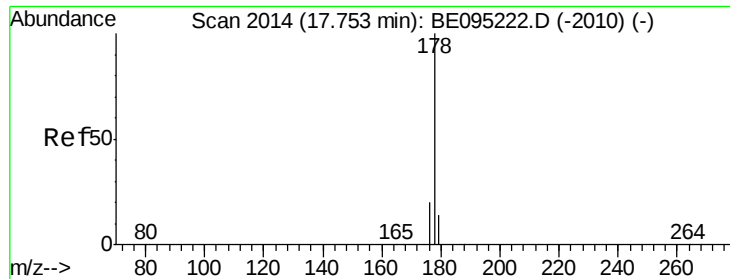
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#11
Pentachlorophenol
 Concen: 29.210 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095228.D
 Acq: 29 Jan 2018 3:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.3	47.9	71.9
268	61.3	49.8	74.8





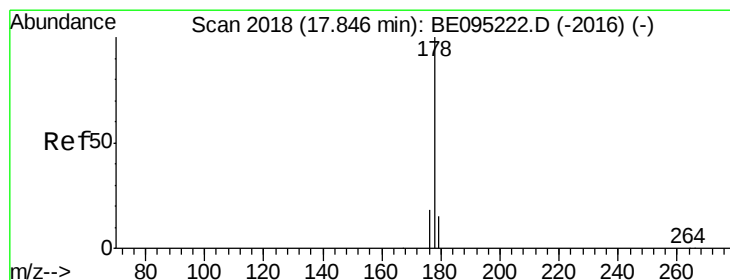
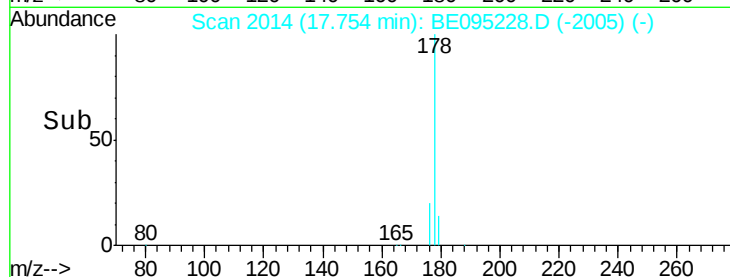
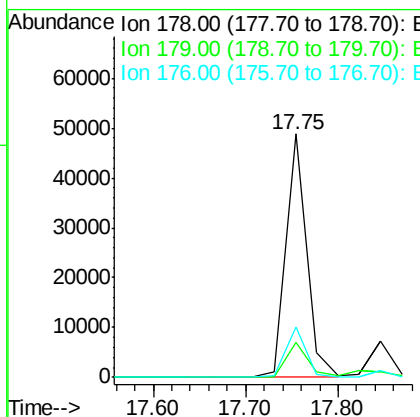
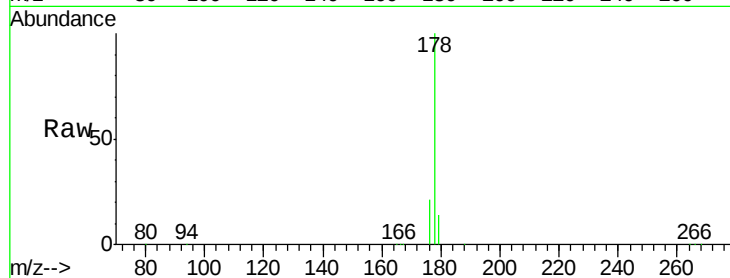
#12
Phenanthrene
Concen: 2.053 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Instrument :
BNA_E
ClientSampleId :
F6A73

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	20.6	13.6	20.4#

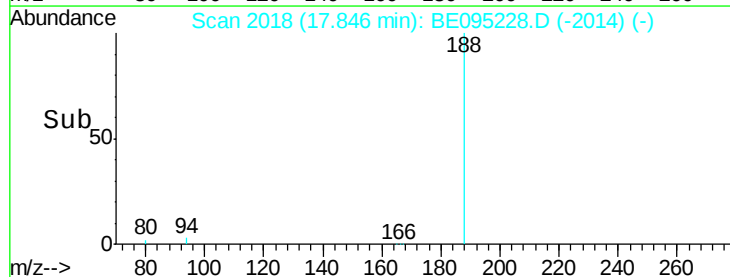
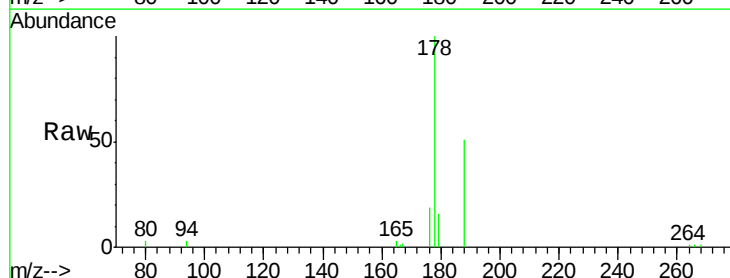
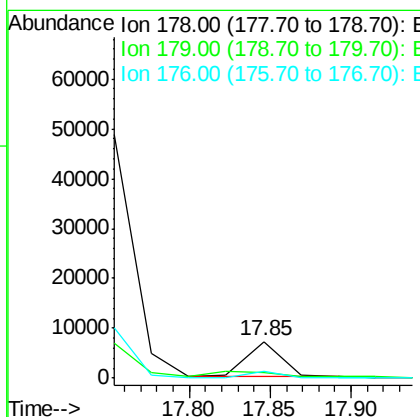
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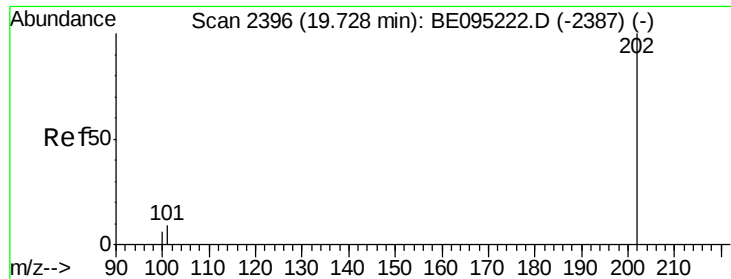
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#13
Anthracene
Concen: 0.321 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	19.5	14.7	22.1





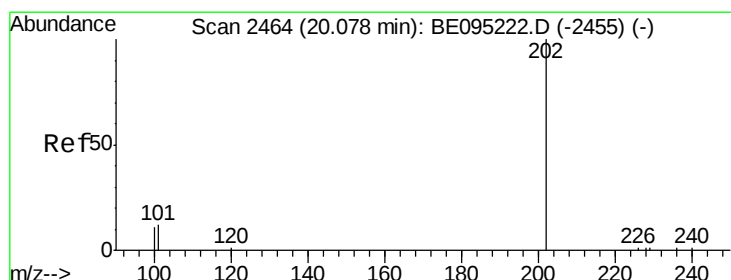
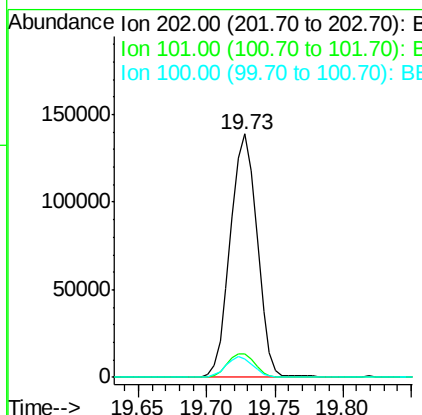
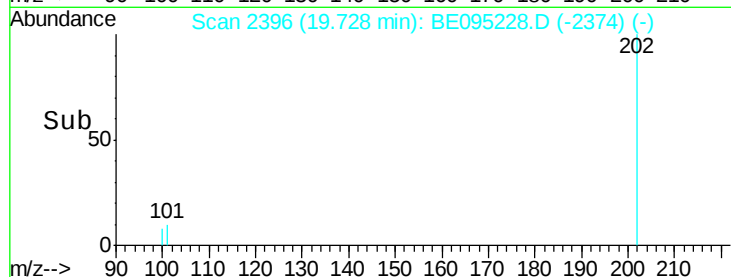
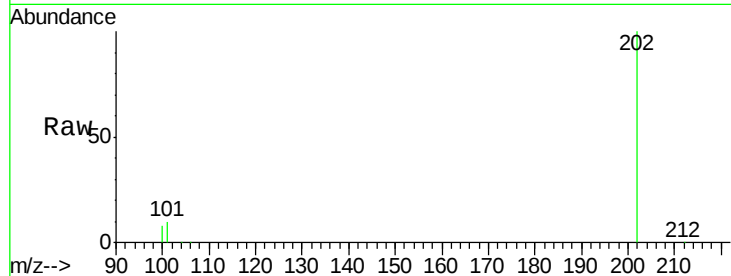
#15
Fluoranthene
 Concen: 3.950 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BE095228.D
 Acq: 29 Jan 2018 3:51

Instrument :
 BNA_E
 ClientSampleId :
 F6A73

Tot Ion:	202	Resp:	188820
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.3
100	7.8	0.0	39.5

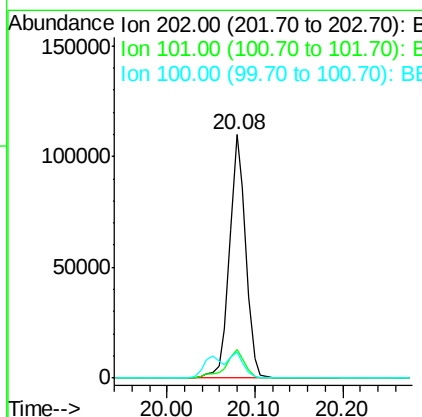
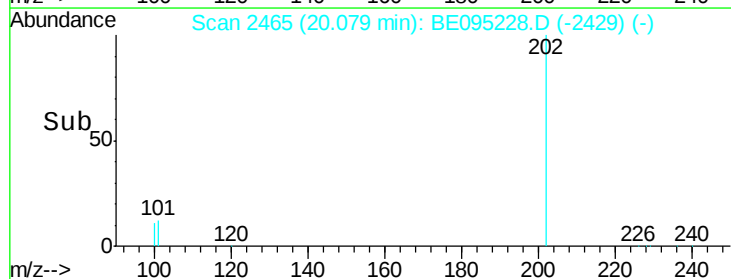
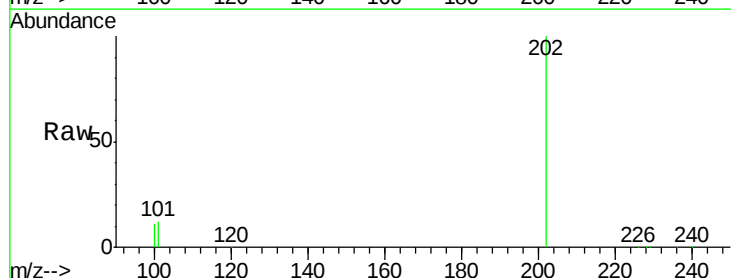
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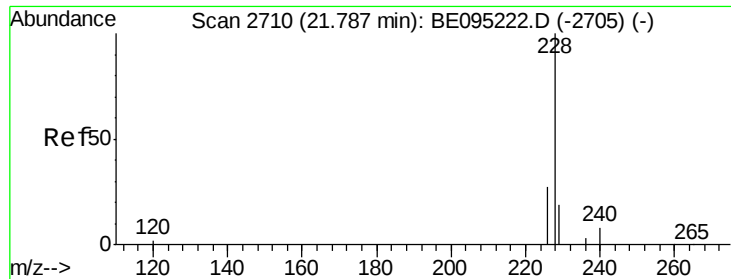
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#17
Pyrene
 Concen: 3.382 ng/ul
 RT: 20.08 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BE095228.D
 Acq: 29 Jan 2018 3:51

Tgt Ion:	202	Resp:	139843
Ion Ratio	Lower	Upper	
202	100		
101	11.9	18.2	27.4#
100	10.7	15.6	23.4#





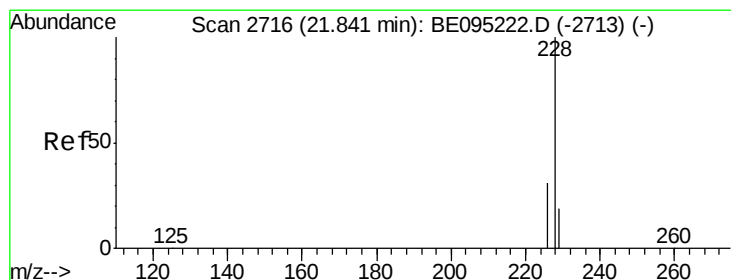
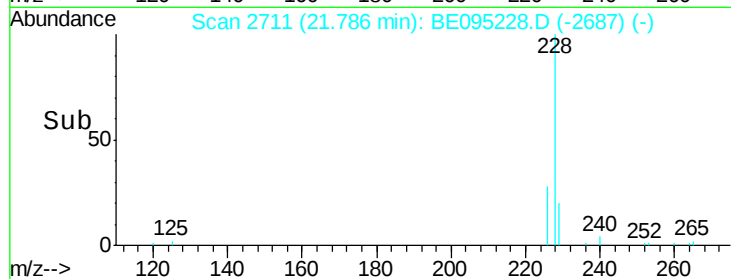
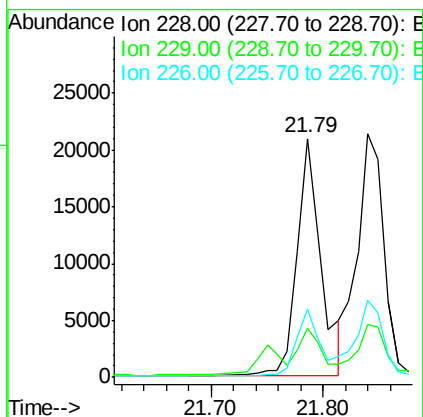
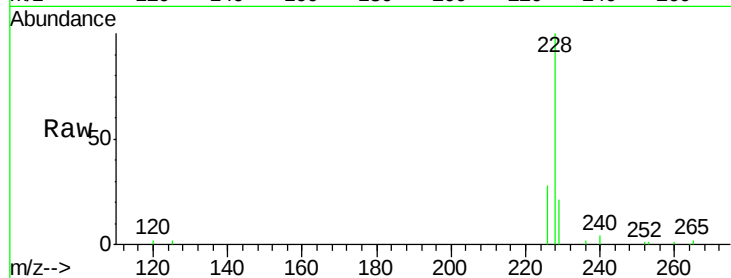
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Benzo(a)anthracene
Concen: 0.907 ng/ul
RT: 21.79 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Instrument :
BNA_E
ClientSampleId :
F6A73

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	28.4	17.0	25.6#

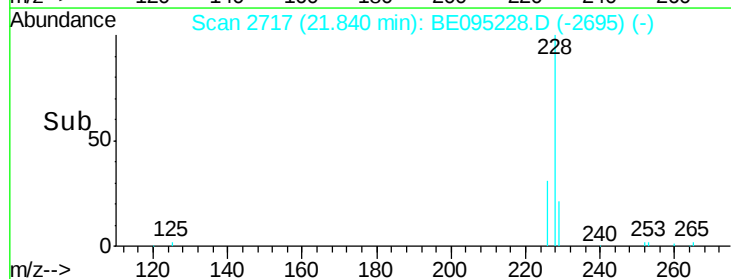
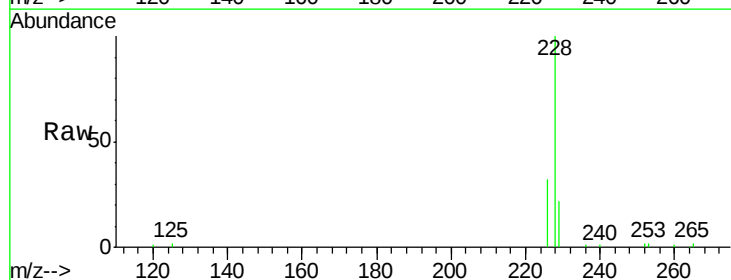
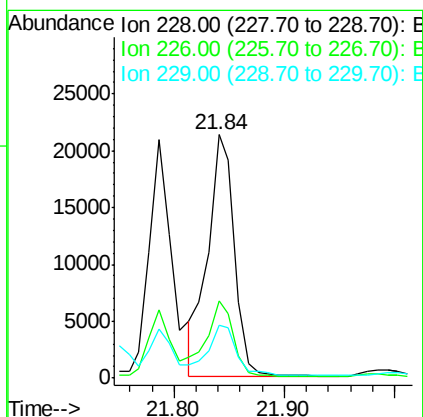
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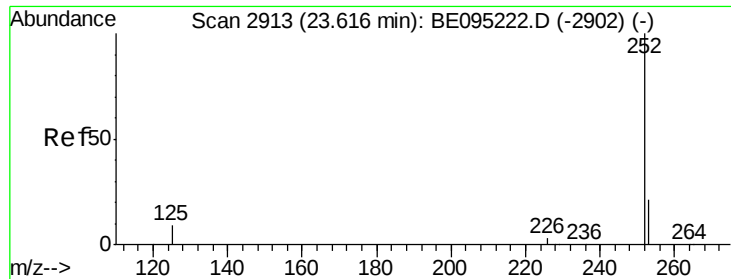
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#19
Chrysene
Concen: 0.890 ng/ul
RT: 21.84 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	21.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.701 ng/ul m

RT: 23.62 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BE095228.D

Acq: 29 Jan 2018 3:51

Instrument :

BNA_E

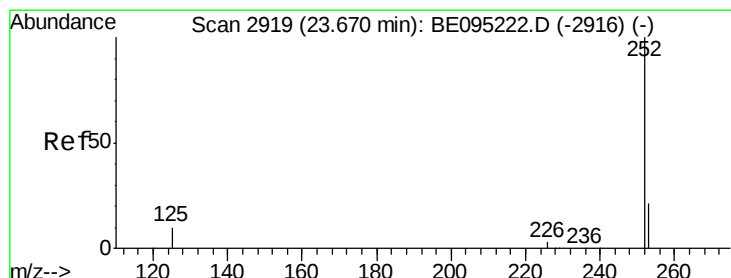
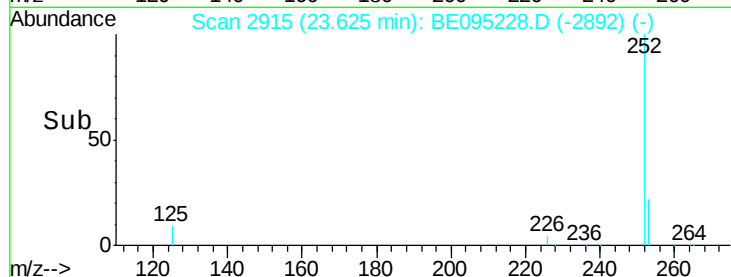
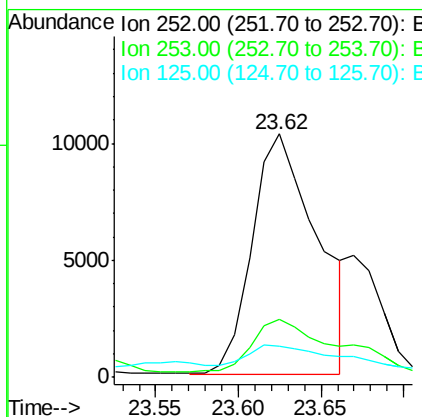
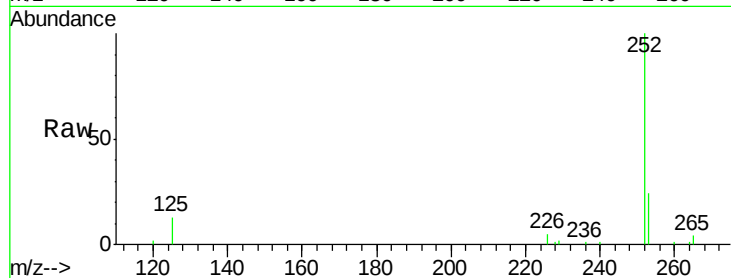
ClientSampleId :

F6A73

Tot Ion:	252	Resp:	27778
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	64.2
125	12.8	0.0	35.0

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 0.196 ng/ul m

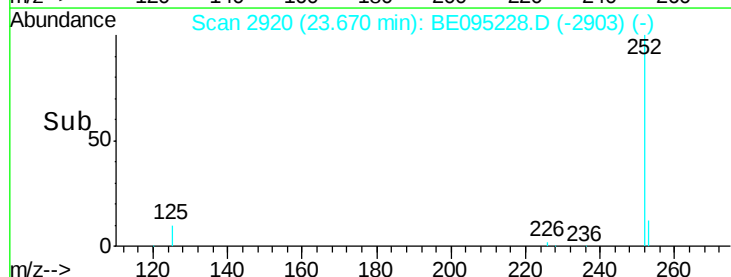
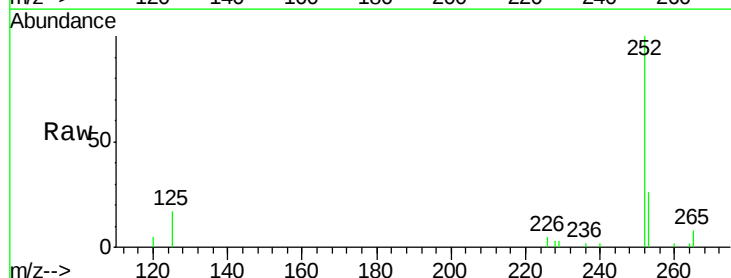
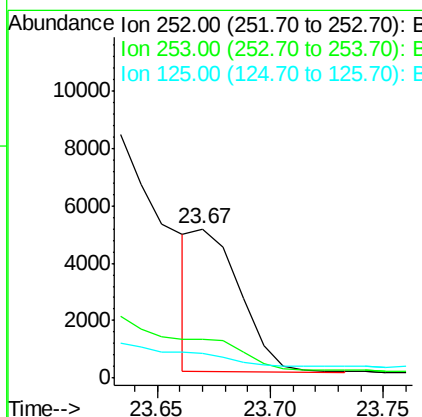
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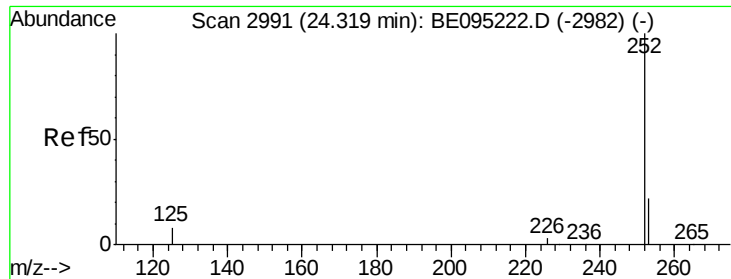
Delta R.T. -0.00 min

Lab File: BE095228.D

Acq: 29 Jan 2018 3:51

Tgt Ion:	252	Resp:	7087
Ion Ratio	Lower	Upper	
252	100		
253	26.2	24.5	36.7
125	16.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.279 ng/ul m

RT: 24.32 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BE095228.D

Acq: 29 Jan 2018 3:51

Instrument :

BNA_E

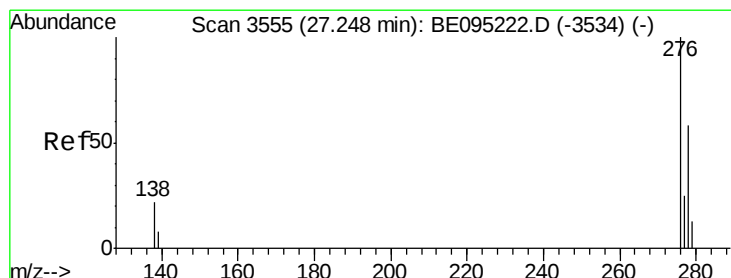
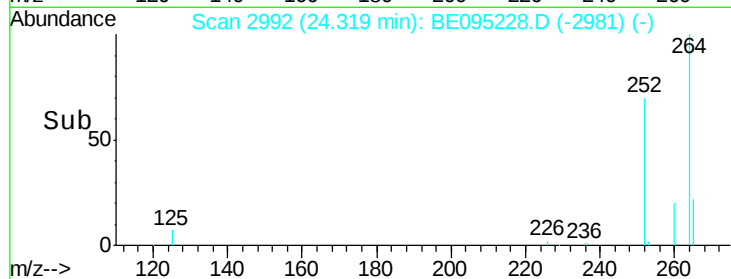
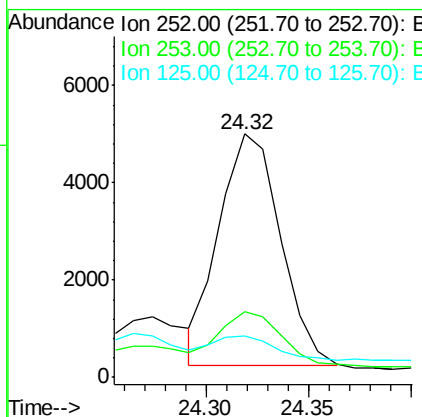
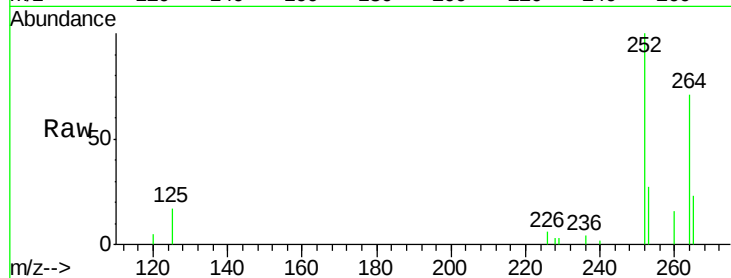
ClientSampleId :

F6A73

Tot Ion:	252	Resp:	9868
Ion Ratio	Lower	Upper	
252	100		
253	26.8	28.5	42.7#
125	17.2	18.1	27.1#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.128 ng/ul m

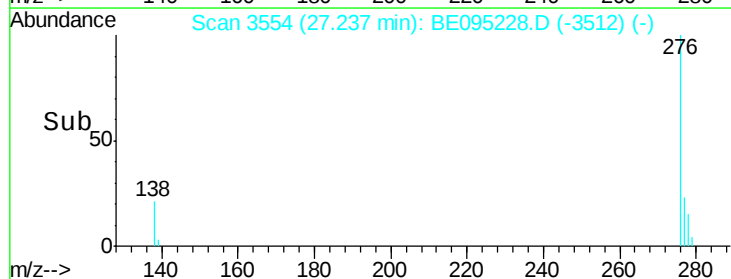
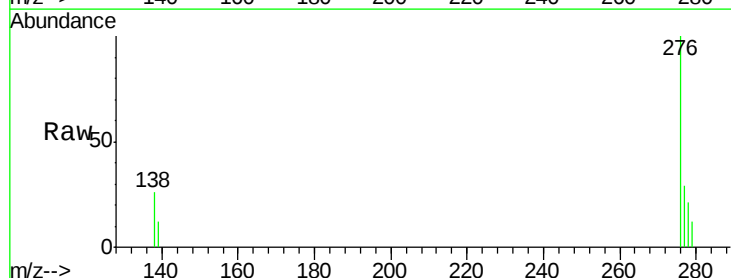
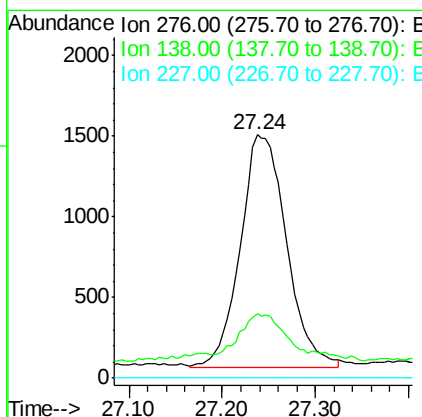
RT: 27.24 min Scan# 3554

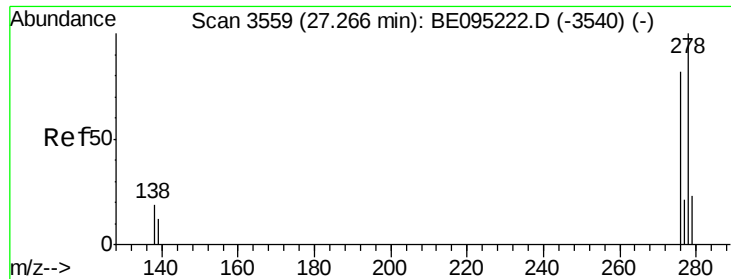
Delta R.T. -0.01 min

Lab File: BE095228.D

Acq: 29 Jan 2018 3:51

Tgt Ion:	276	Resp:	4950
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#





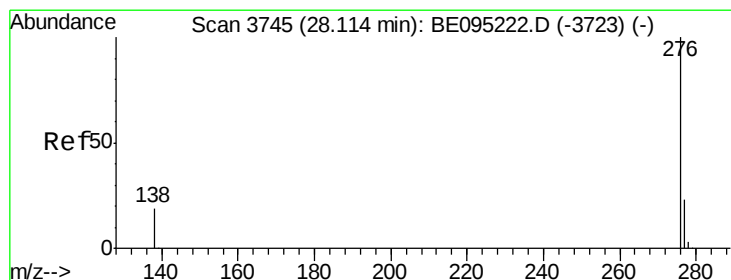
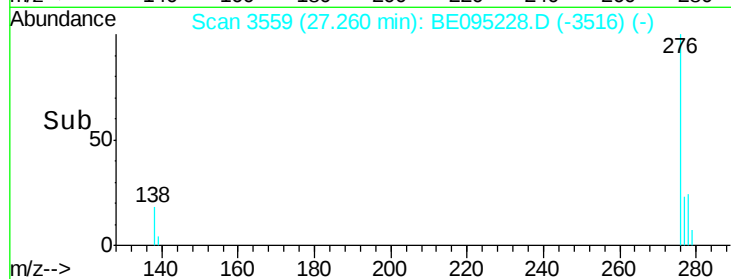
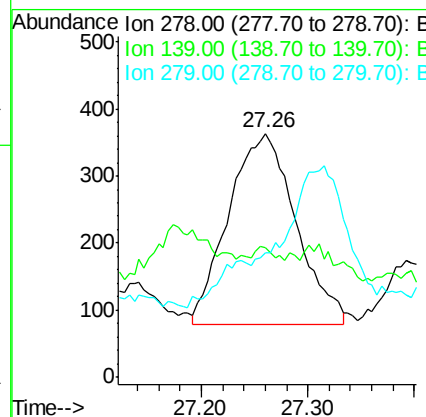
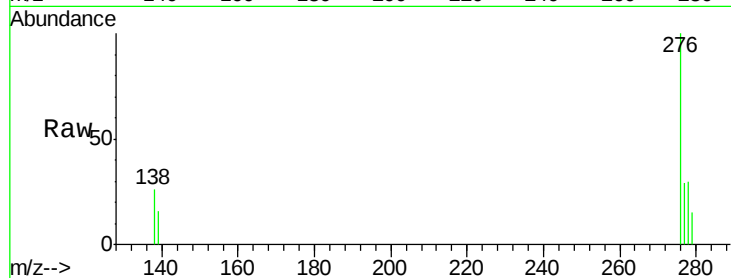
#25
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul m
RT: 27.26 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Instrument :
BNA_E
ClientSampled :
F6A73

Tot Ion	Ratio	Lower	Upper
278	100		
139	53.4	17.4	26.0#
279	51.0	25.9	38.9#

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM



#26
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul m
RT: 28.12 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BE095228.D
Acq: 29 Jan 2018 3:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.8	32.8
277	28.0	20.5	30.7

