

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094736.D
 Acq On : 4 Nov 2017 8:06
 Operator : SJ/JU
 Sample : I5955-03 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-17(0.25-1.25)-101717

Manual Integrations
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 11/6/2017 5:58:42 PM

Quant Time: Nov 06 00:18:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2430	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.68	136	13716	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	8610	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	15273	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	15594	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	15446	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	491m	0.02	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	3888	0.09	ng/ul	-0.01
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.34	142	3401	0.145	ng/ul	100
8) Acenaphthene	14.57	153	3369	0.120	ng/ul#	72
9) Fluorene	15.56	166	5324	0.169	ng/ul#	60
12) Phenanthrene	17.29	178	24984	0.619	ng/ul#	76
15) Fluoranthene	19.31	202	21833	0.468	ng/ul	81
17) Pyrene	19.67	202	43536	0.903	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	12611	0.283	ng/ul#	17
21) Benzo(b)fluoranthene	23.19	252	23595m	0.543	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	5828m	0.125	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.69	276	12466	0.277	ng/ul#	78
26) Benzo(g,h,i)perylene	27.53	276	19935	0.552	ng/ul#	68

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

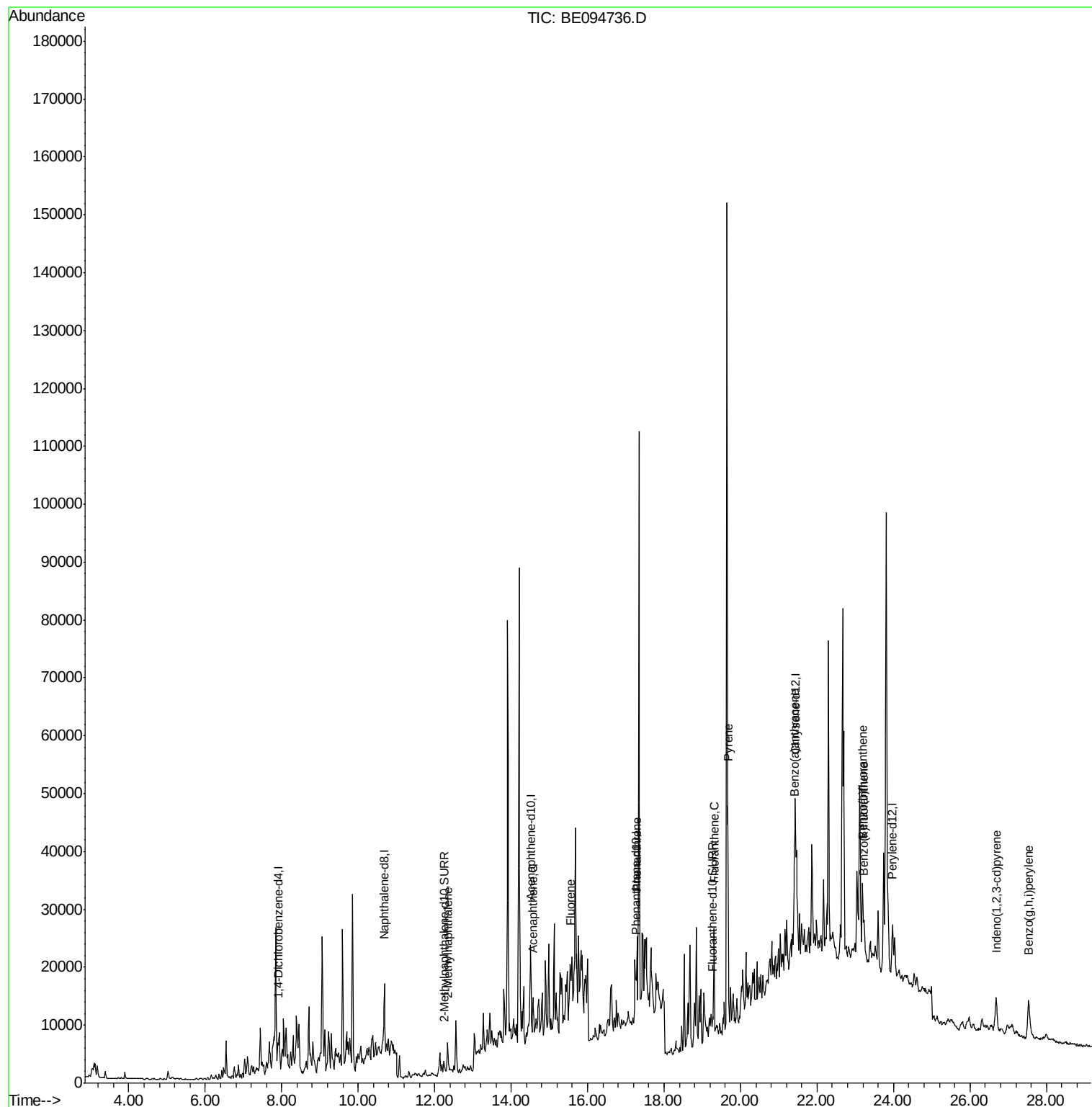
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 35 Sample Multiplier: 1

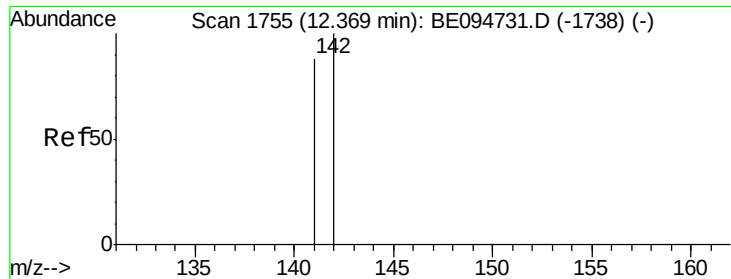
Instrument :
BNA_E
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B-17(0.25-1.25)-101717

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 06:57:51 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.145 ng/ul

RT: 12.34 min Scan# 1746

Delta R.T. -0.03 min

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Acq: 4 Nov 2017 8:06

Instrument :

BNA_E

ClientSampleId :

B-17(0.25-1.25)-101717

Tgt Ion:142 Resp: 3401

Ion Ratio Lower Upper

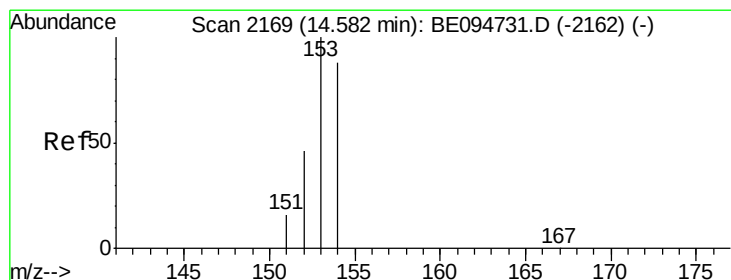
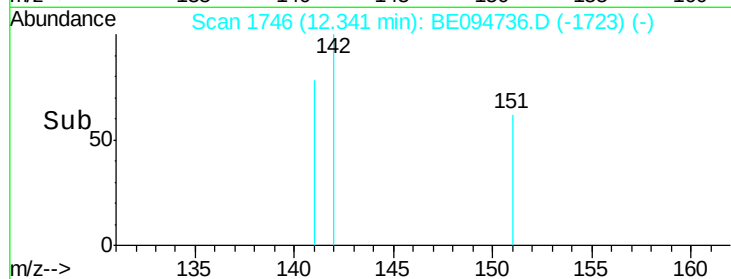
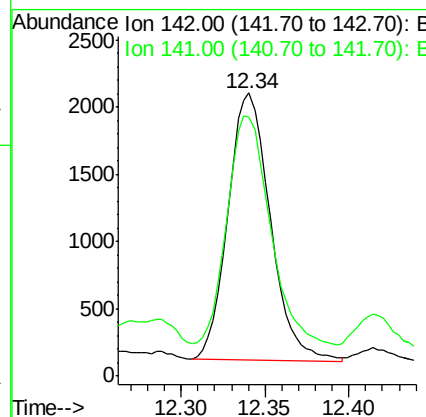
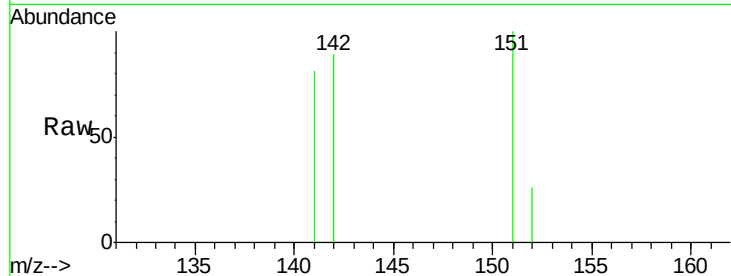
142 100

141 90.2 72.6 108.8

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#8

Acenaphthene

Concen: 0.120 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094736.D

Acq: 4 Nov 2017 8:06

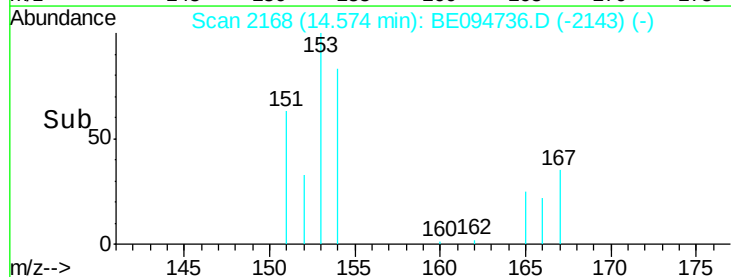
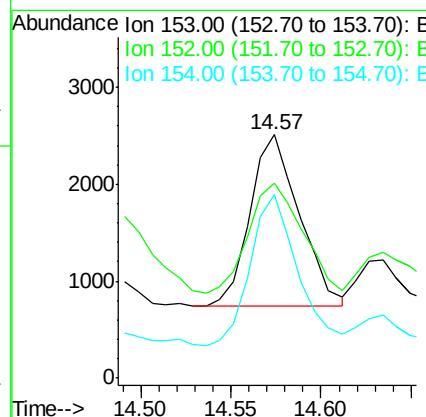
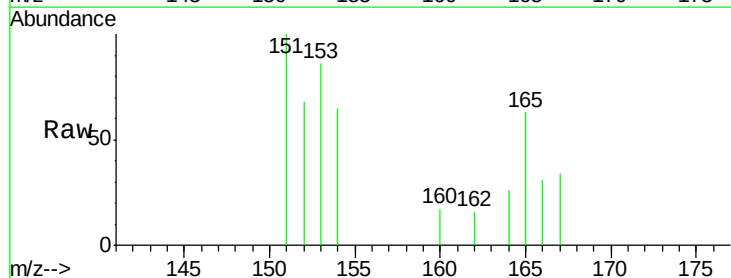
Tgt Ion:153 Resp: 3369

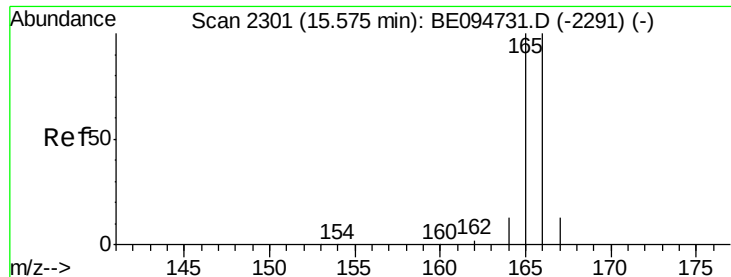
Ion Ratio Lower Upper

153 100

152 79.9 36.0 54.0#

154 75.3 72.0 108.0





#9

Fluorene

Concen: 0.169 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094736.D

Acq: 4 Nov 2017 8:06

Instrument :

BNA_E

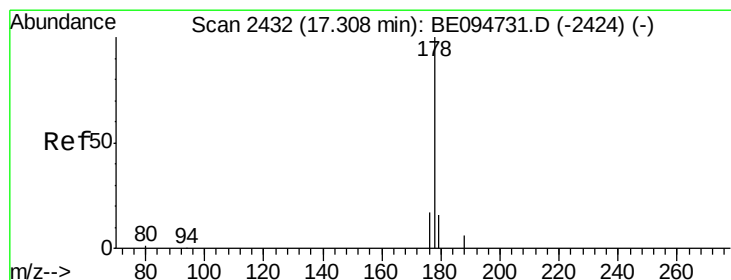
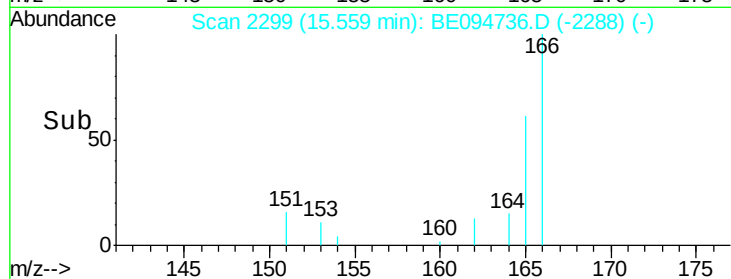
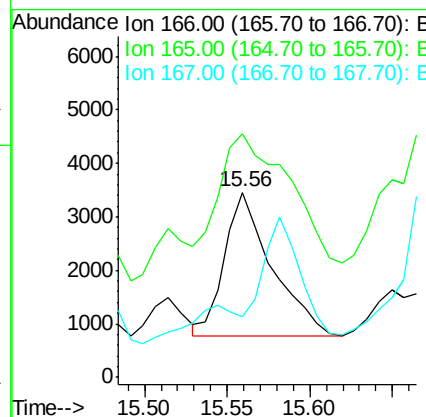
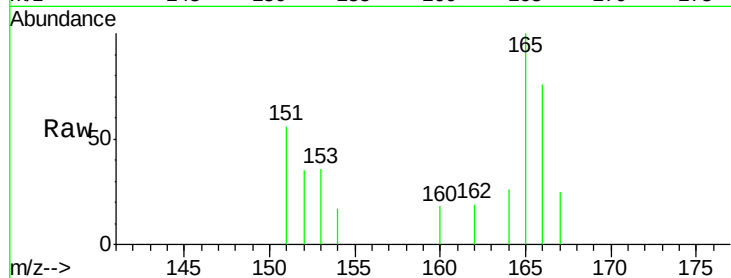
ClientSampleId :

B-17(0.25-1.25)-101717

Tgt Ion:	166	Resp:	5324
Ion Ratio	Lower	Upper	
166	100		
165	131.4	73.4	110.2#
167	32.9	14.6	22.0#

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#12

Phenanthrene

Concen: 0.619 ng/ul

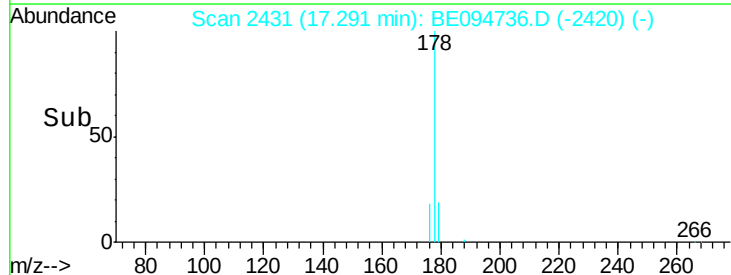
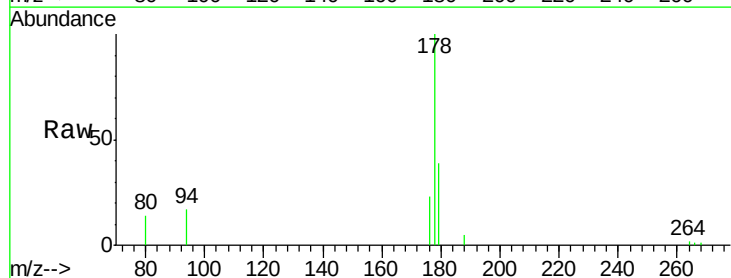
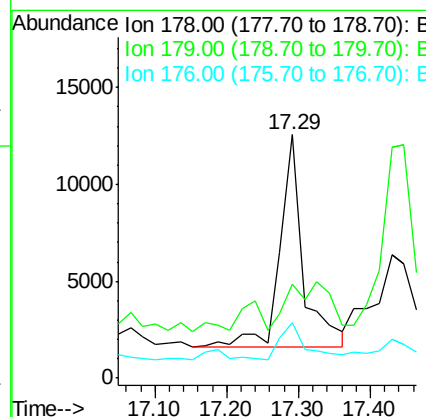
RT: 17.29 min Scan# 2431

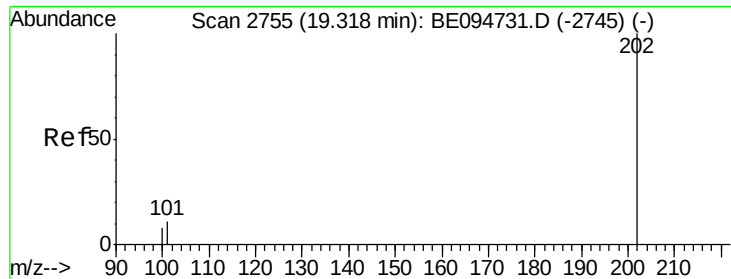
Delta R.T. -0.02 min

Lab File: BE094736.D

Acq: 4 Nov 2017 8:06

Tgt Ion:	178	Resp:	24984
Ion Ratio	Lower	Upper	
178	100		
179	38.6	18.4	27.6#
176	22.9	13.6	20.4#





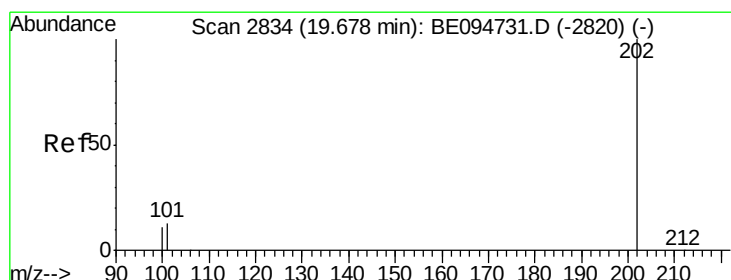
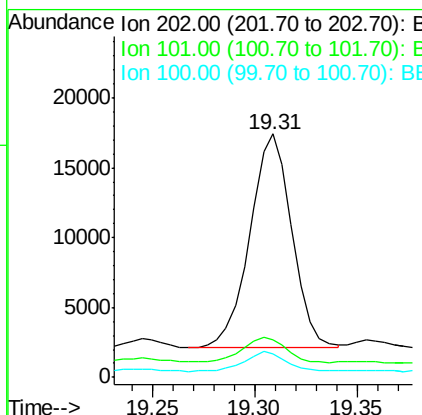
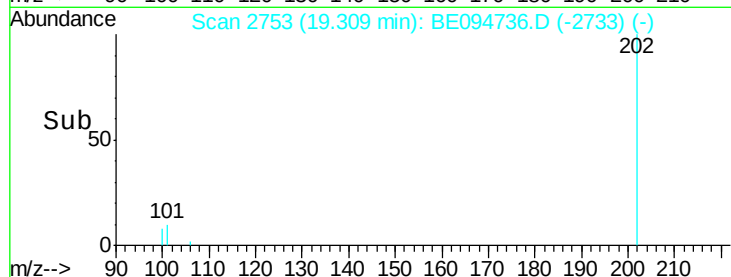
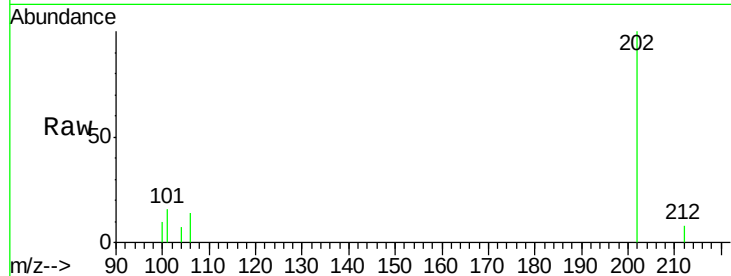
#15
Fluoranthene
 Concen: 0.468 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094736.D
 Acq: 4 Nov 2017 8:06

Instrument :
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Tgt	Ion	202	Resp:	21833
Ion	Ratio	Lower	Upper	
202	100			
101	15.5	0.0	30.3	
100	9.8	0.0	39.5	

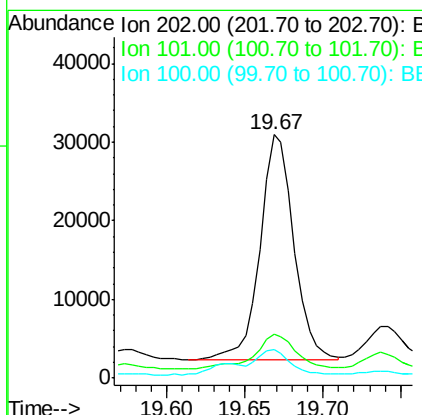
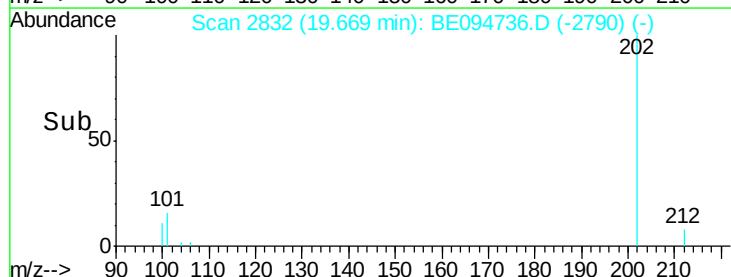
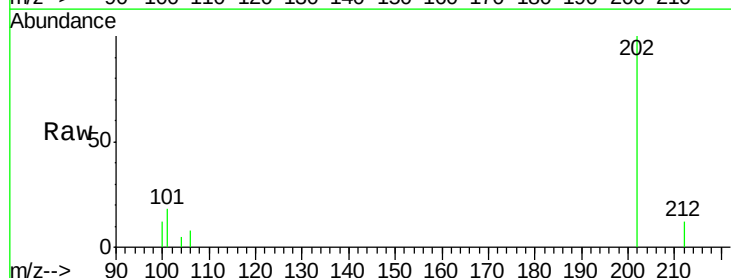
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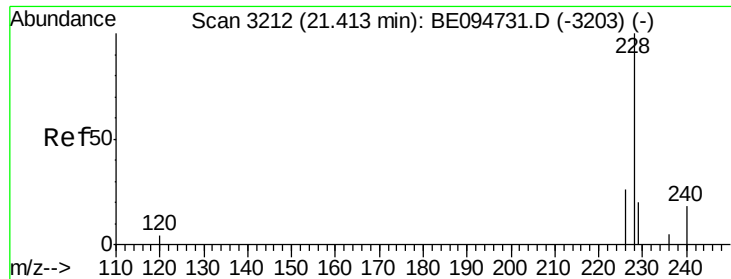
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#17
Pyrene
 Concen: 0.903 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094736.D
 Acq: 4 Nov 2017 8:06

Tgt	Ion	202	Resp:	43536
Ion	Ratio	Lower	Upper	
202	100			
101	18.2	18.2	27.4#	
100	11.9	15.6	23.4#	





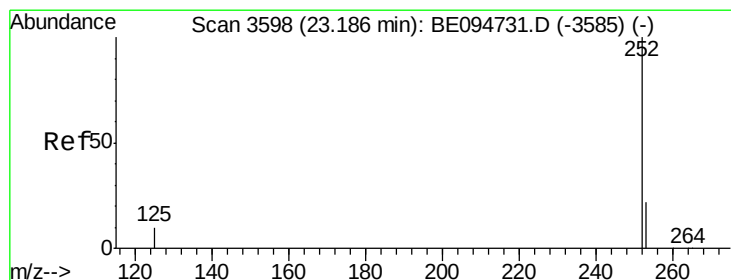
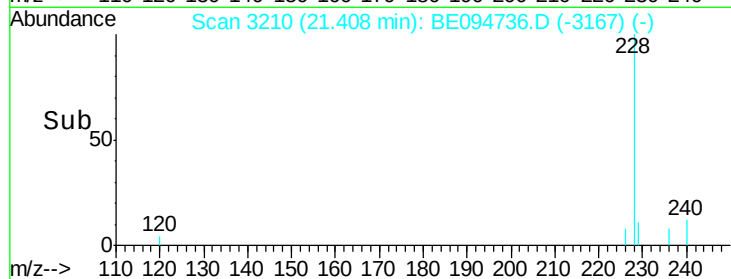
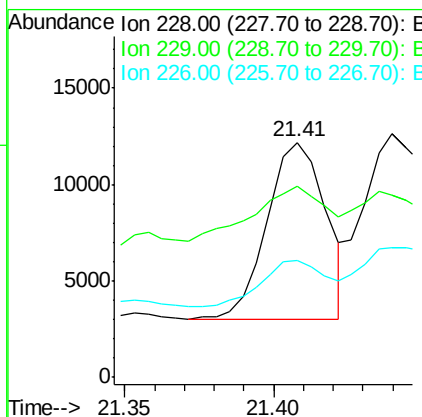
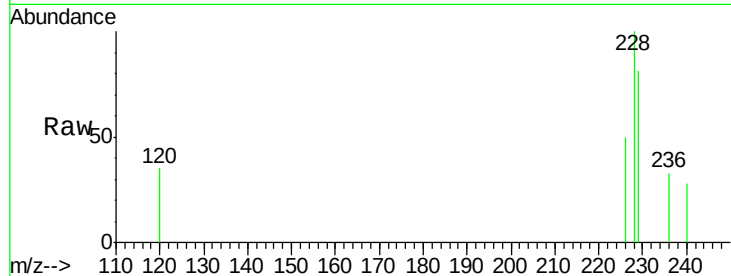
#18
 Benzo(a)anthracene
 Concen: 0.283 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.01 min
 Lab File: BE094736.D
 Acq: 4 Nov 2017 8:06

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Tgt Ion	Ratio	Lower	Upper
228	100		
229	81.1	22.8	34.2#
226	49.9	17.0	25.6#

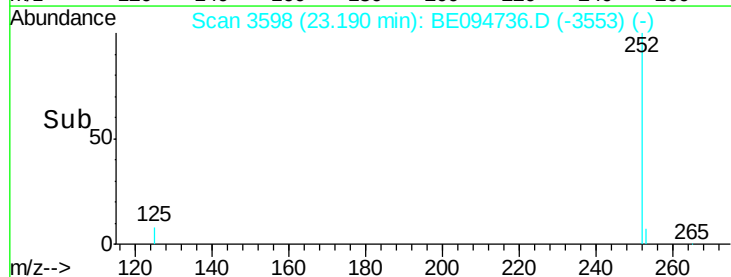
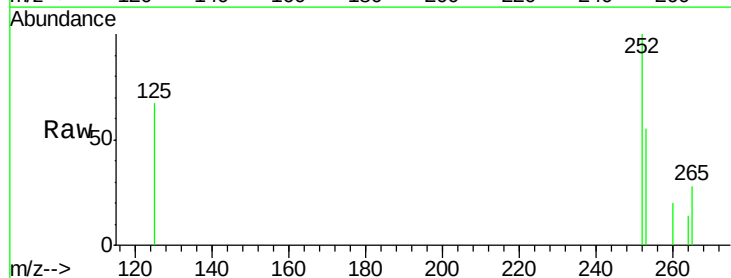
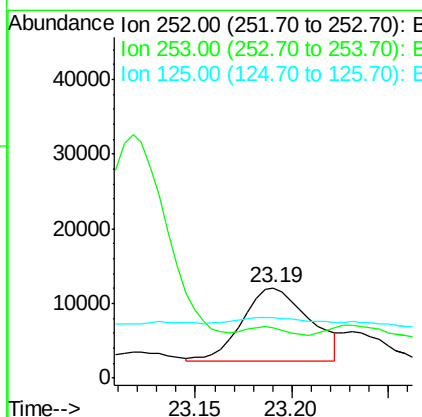
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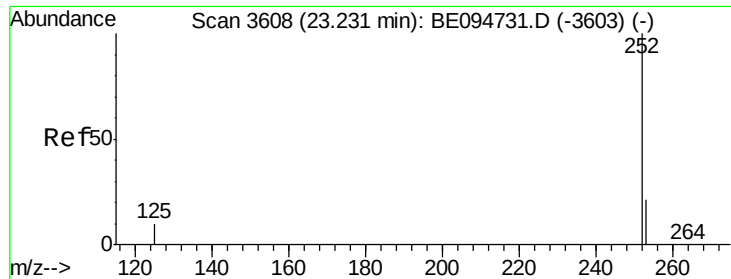
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#21
 Benzo(b)fluoranthene
 Concen: 0.543 ng/ul m
 RT: 23.19 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: BE094736.D
 Acq: 4 Nov 2017 8:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.2	0.0	64.2
125	67.4	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.125 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. 0.00 min

Lab File: BE094736.D

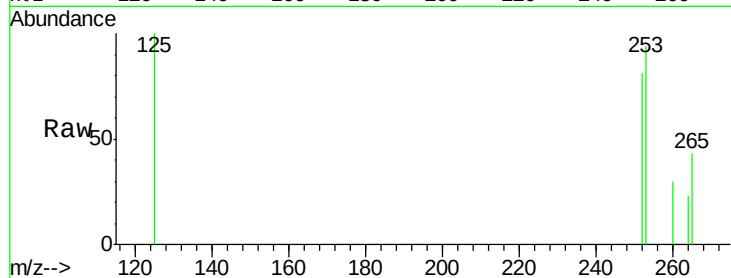
Acq: 4 Nov 2017 8:06

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 252 Resp: 5828

Ion Ratio Lower Upper

252 100

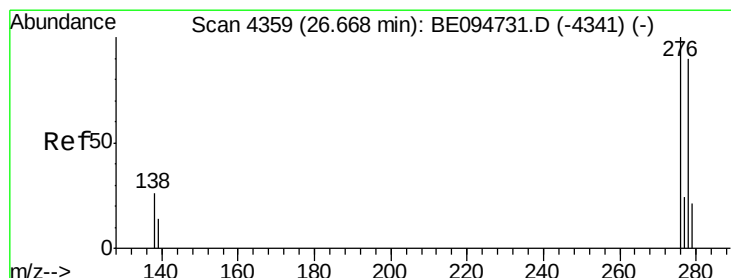
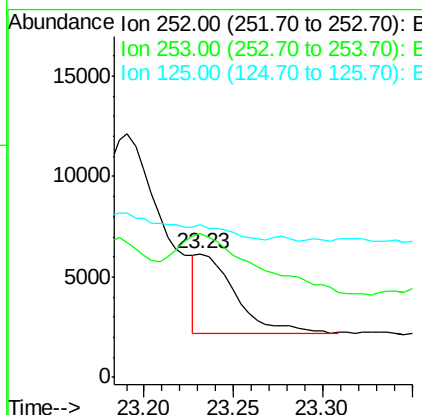
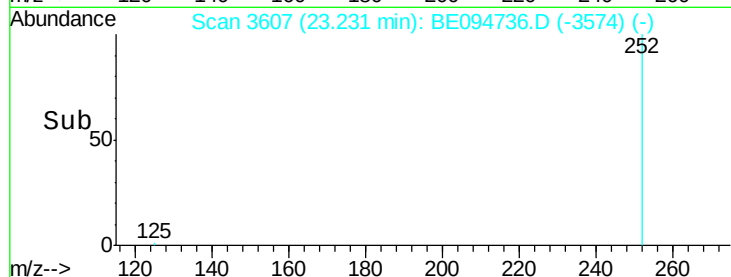
253 115.8 24.5 36.7#

125 122.9 13.7 20.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.277 ng/ul

RT: 26.69 min Scan# 4362

Delta R.T. 0.02 min

Lab File: BE094736.D

Acq: 4 Nov 2017 8:06

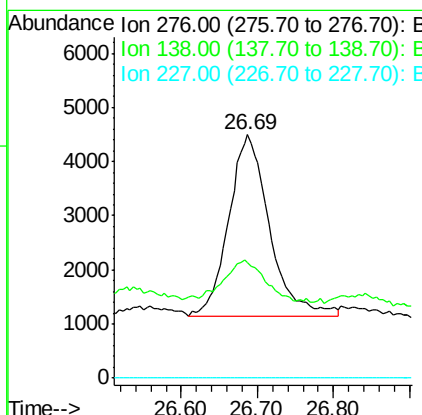
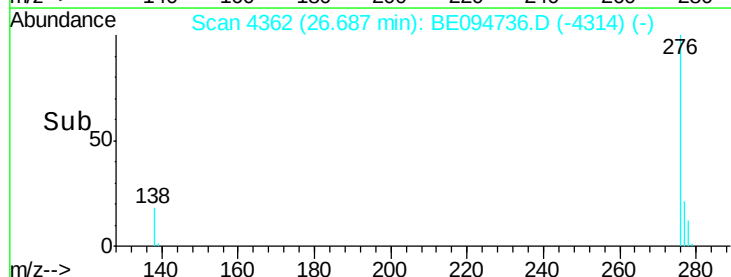
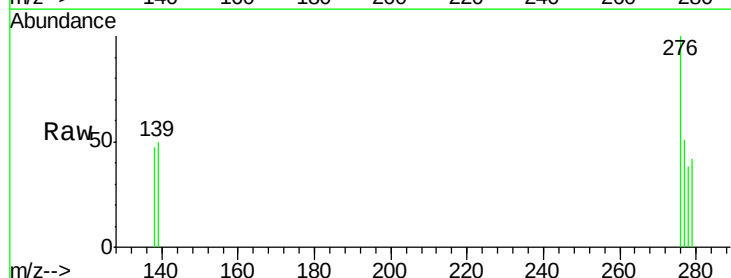
Tgt Ion: 276 Resp: 12466

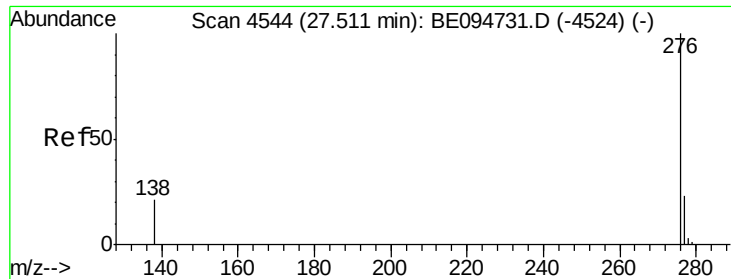
Ion Ratio Lower Upper

276 100

138 23.0 28.0 42.0#

227 0.0 8.0 12.0#





#26

Benzo(g,h,i)perylene

Concen: 0.552 ng/ul

RT: 27.53 min Scan# 4548

Delta R.T. 0.02 min

Lab File: BE094736.D

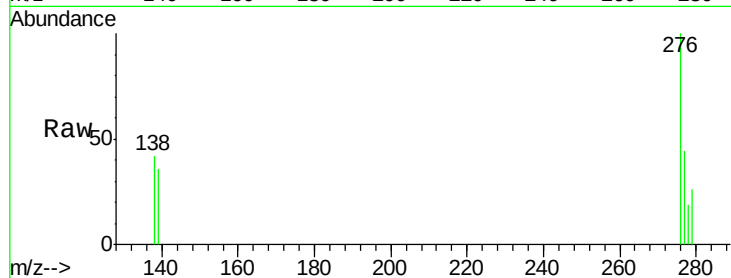
Acq: 4 Nov 2017 8:06

Instrument :

BNA_E

ClientSampleId :

B-17(0.25-1.25)-101717



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	42.2	21.8	32.8#	
277	44.1	20.5	30.7#	

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