

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094742.D
 Acq On : 4 Nov 2017 17:03
 Operator : SJ/JU
 Sample : I5825-13 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117

Manual Integrations
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 11/6/2017 5:58:56 PM

Quant Time: Nov 06 00:39:42 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:30:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1388	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8219	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4580	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9959	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9472	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9985	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	738	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1715	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1796	0.089	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	948	0.067	ng/ul	96
7) Acenaphthylene	14.24	152	3463	0.167	ng/ul	98
8) Acenaphthene	14.58	153	1488	0.100	ng/ul	96
9) Fluorene	15.57	166	1563	0.093	ng/ul#	92
12) Phenanthrene	17.29	178	46613	1.772	ng/ul#	89
13) Anthracene	17.38	178	7699	0.297	ng/ul#	94
15) Fluoranthene	19.31	202	103395	3.400	ng/ul	83
17) Pyrene	19.67	202	93226	3.184	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	46257	1.708	ng/ul#	89
19) Chrysene	21.47	228	54242	1.938	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	75585m	2.691	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	25114m	0.834	ng/ul	
23) Benzo(a)pyrene	23.86	252	47085	1.677	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.69	276	32195	1.108	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.67	278	7262	0.297	ng/ul#	48
26) Benzo(g,h,i)perylene	27.54	276	27639	1.185	ng/ul#	89

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

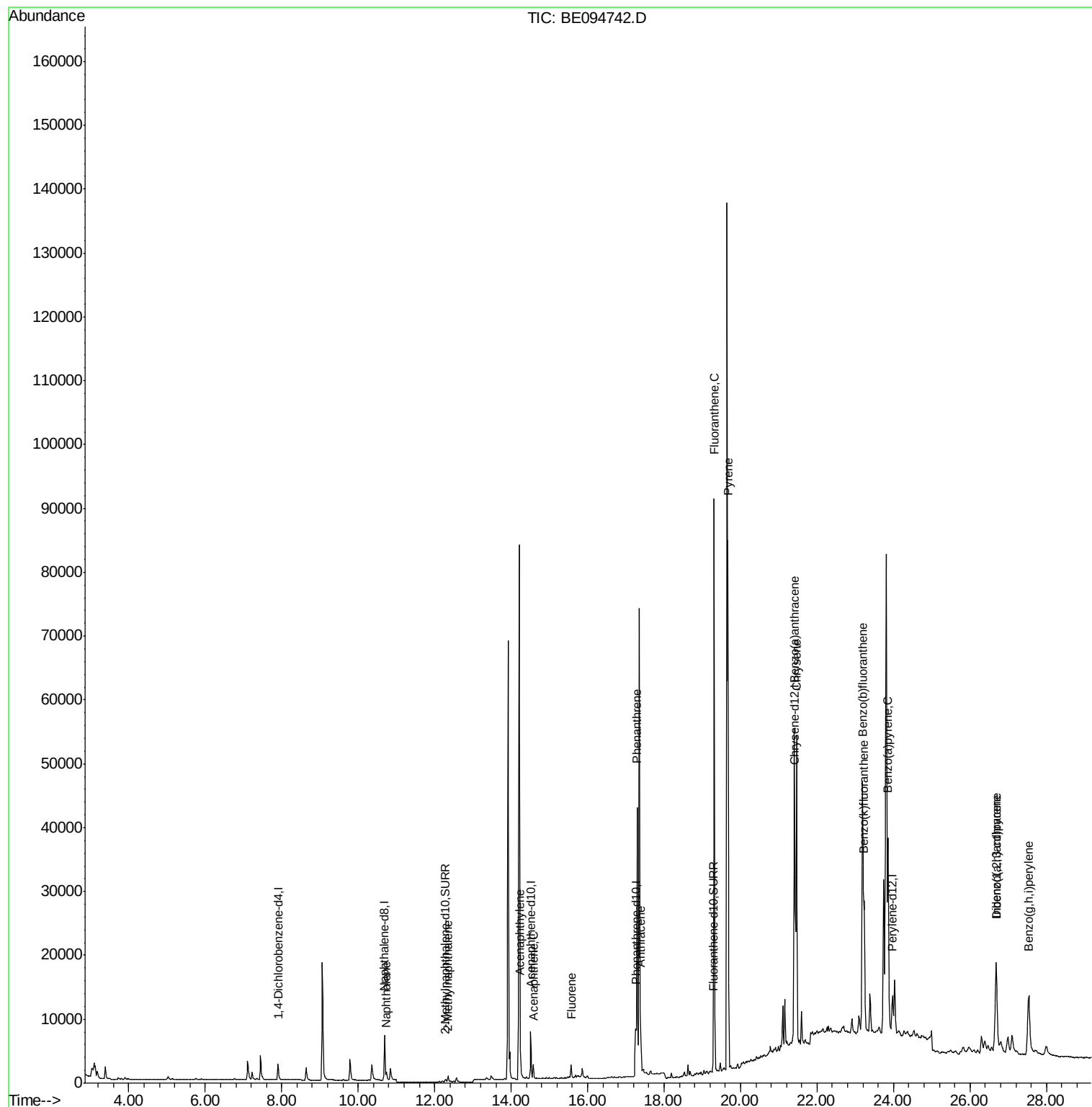
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 40 Sample Multiplier: 1

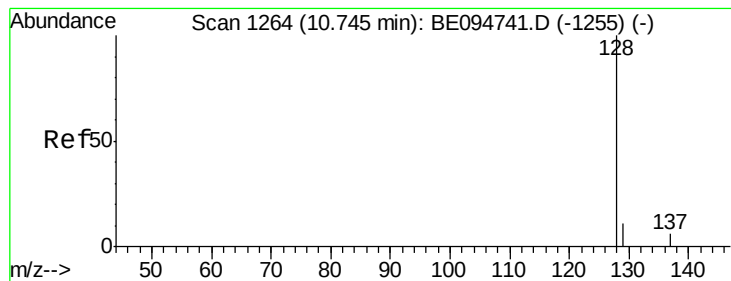
Instrument :
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#3

Naphthalene

Concen: 0.089 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Instrument :

BNA_E

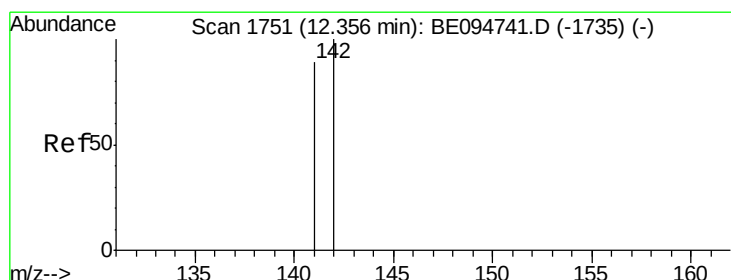
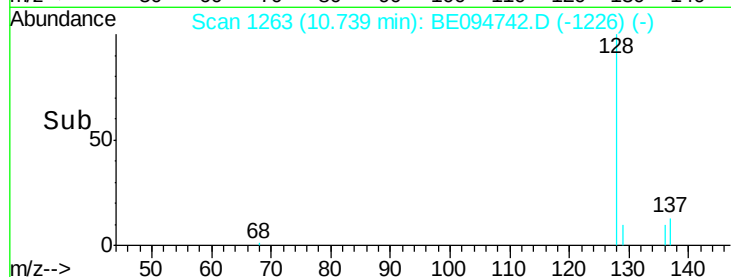
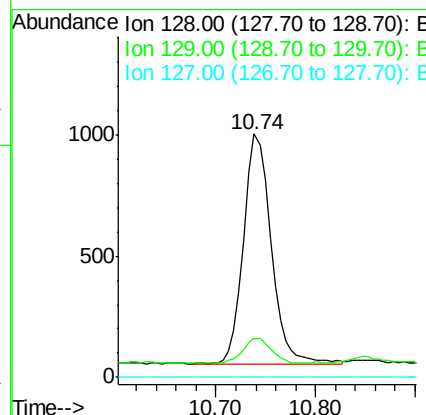
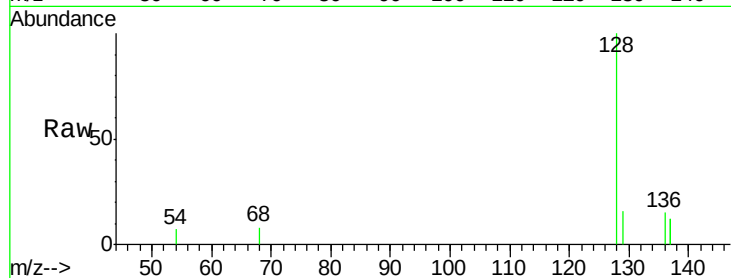
ClientSampleId :

B-19(0-1)-101117

Tgt Ion:	128	Resp:	1796
Ion Ratio	Lower	Upper	
128	100		
129	16.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.067 ng/ul

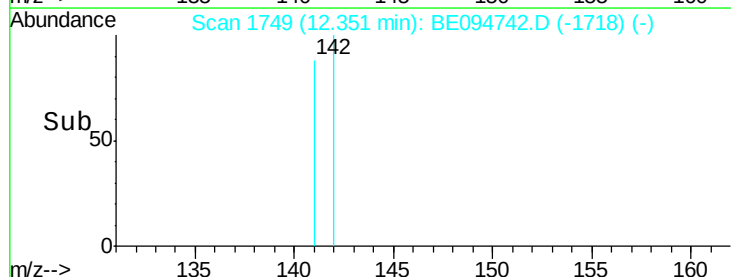
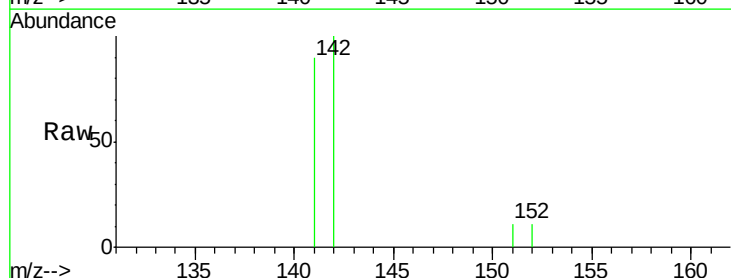
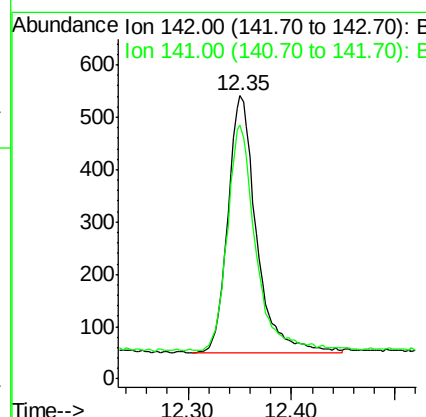
RT: 12.35 min Scan# 1749

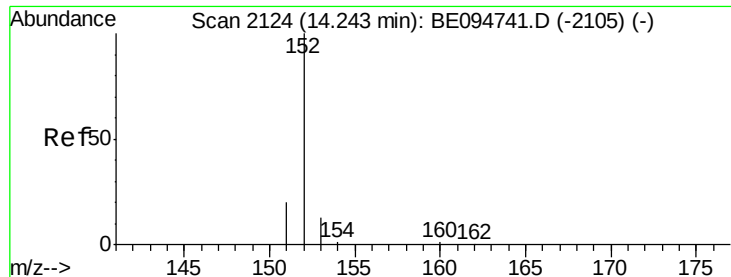
Delta R.T. -0.01 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Tgt Ion:	142	Resp:	948
Ion Ratio	Lower	Upper	
142	100		
141	87.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.167 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Instrument :

BNA_E

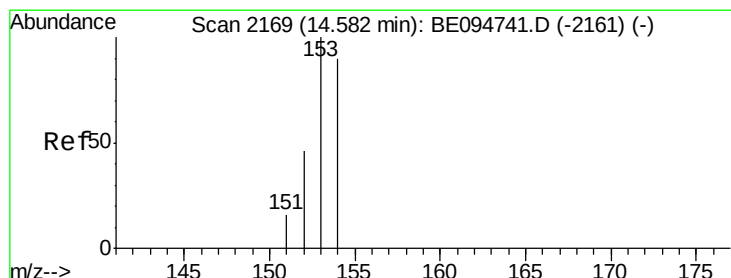
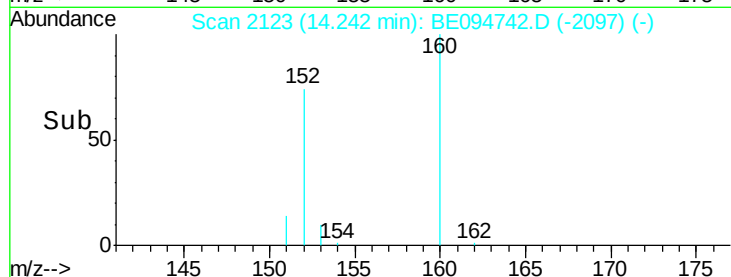
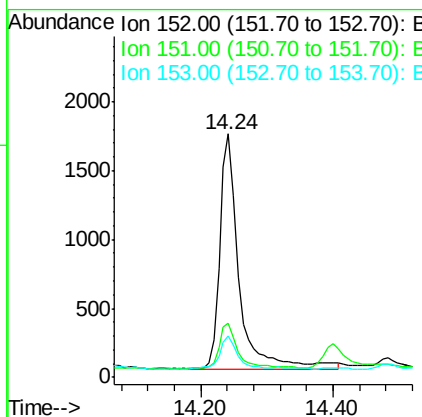
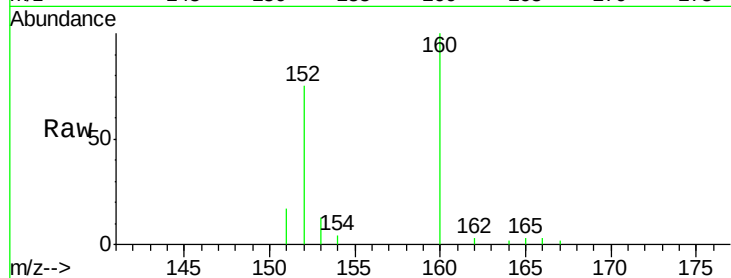
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Tgt Ion:	152	Resp:	3463
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	16.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.100 ng/ul

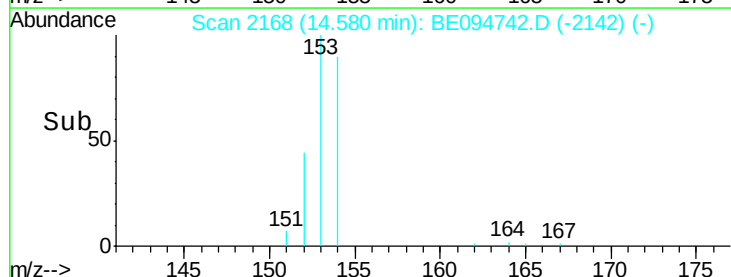
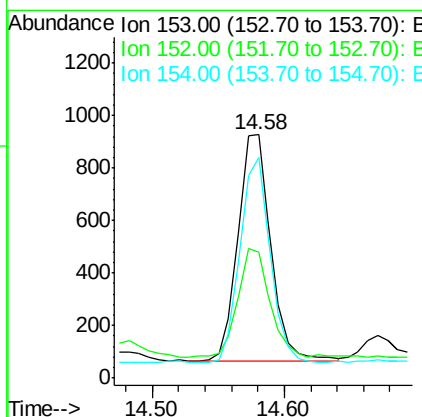
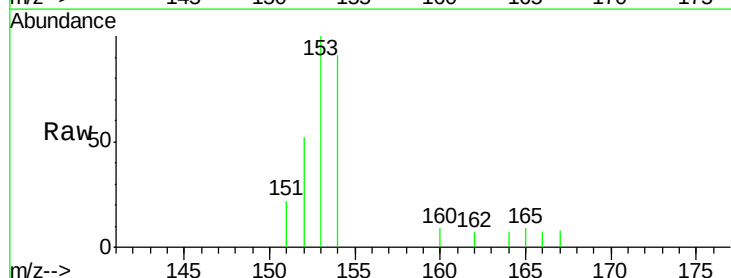
RT: 14.58 min Scan# 2168

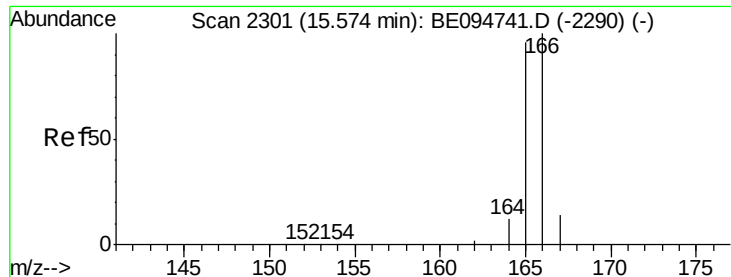
Delta R.T. -0.00 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Tgt Ion:	153	Resp:	1488
Ion Ratio	Lower	Upper	
153	100		
152	51.8	36.0	54.0
154	90.5	72.0	108.0





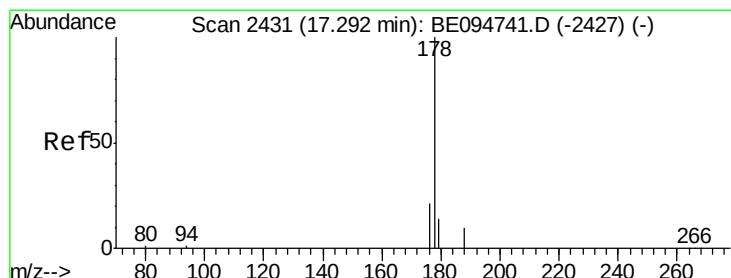
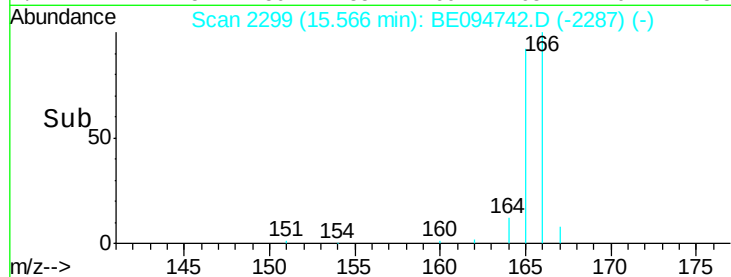
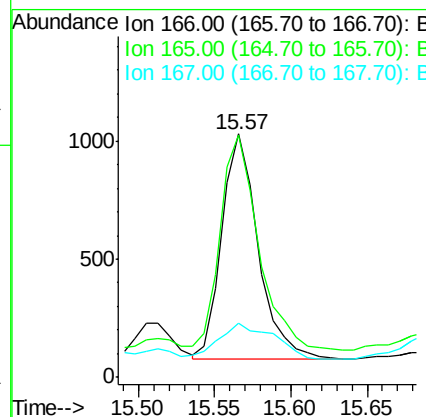
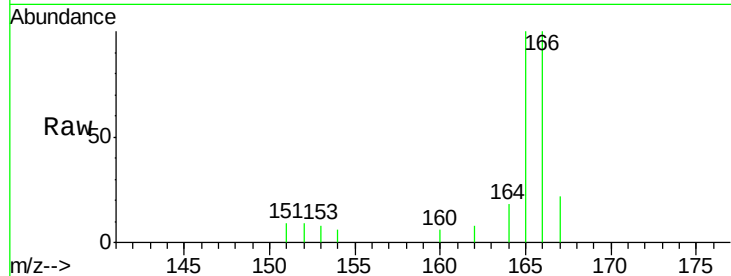
#9
Fluorene
 Concen: 0.093 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094742.D
 Acq: 4 Nov 2017 17:03

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	22.0	14.6	22.0

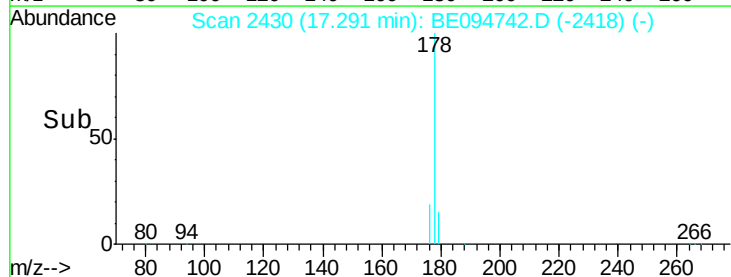
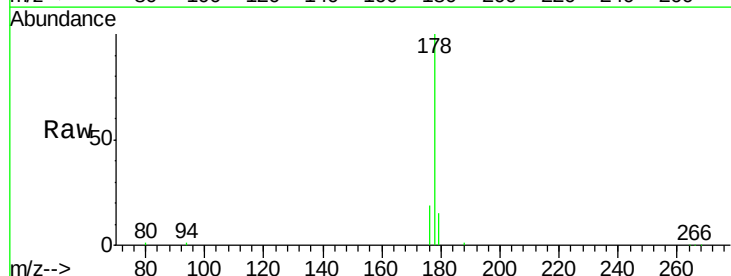
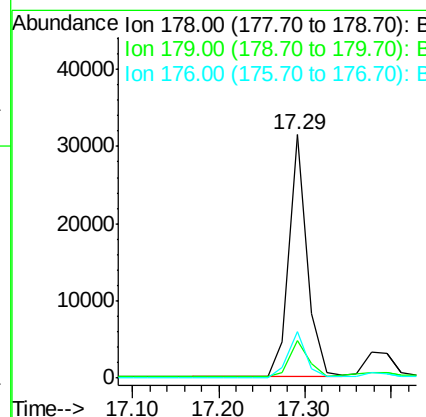
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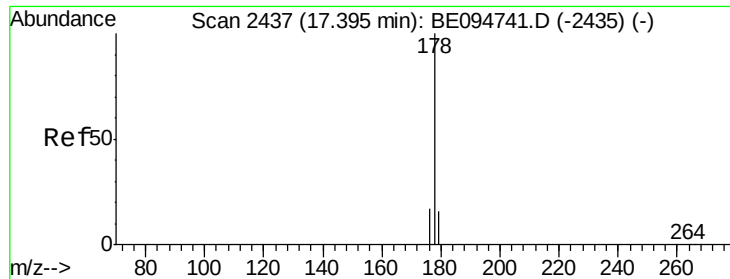
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#12
Phenanthrene
 Concen: 1.772 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BE094742.D
 Acq: 4 Nov 2017 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6
176	19.2	13.6	20.4





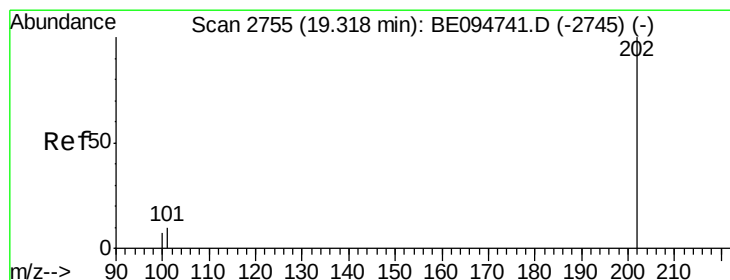
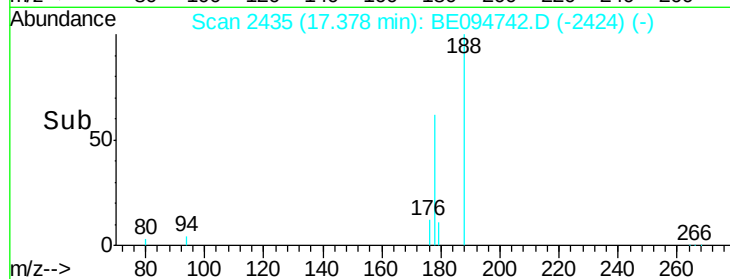
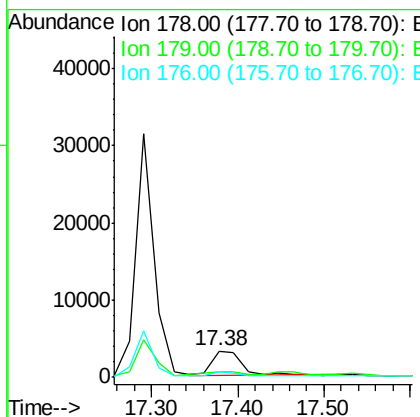
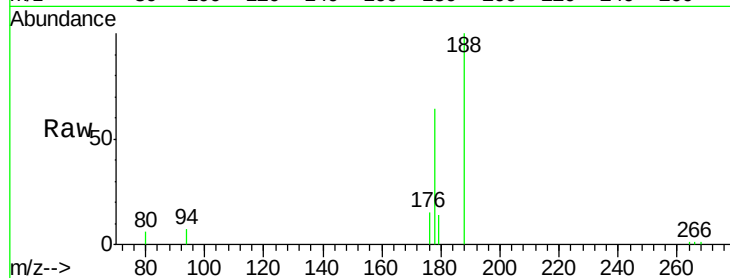
#13
 Anthracene
 Concen: 0.297 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094742.D
 Acq: 4 Nov 2017 17:03

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.7	18.1	27.1
176	22.9	14.7	22.1

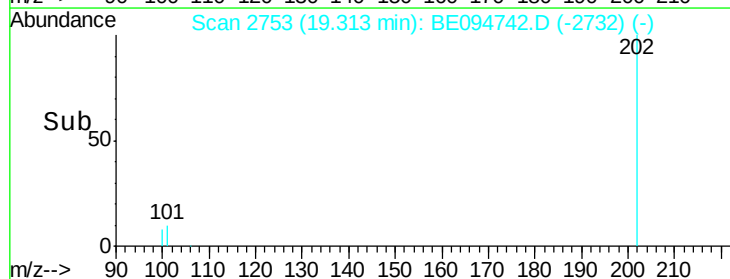
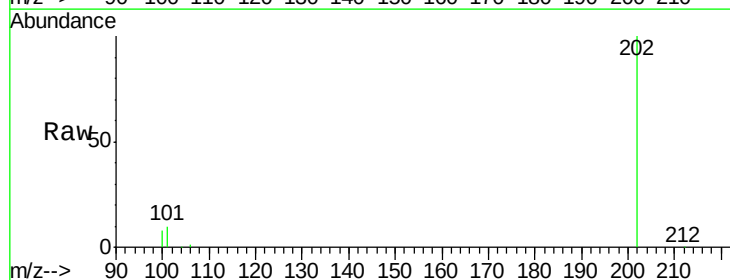
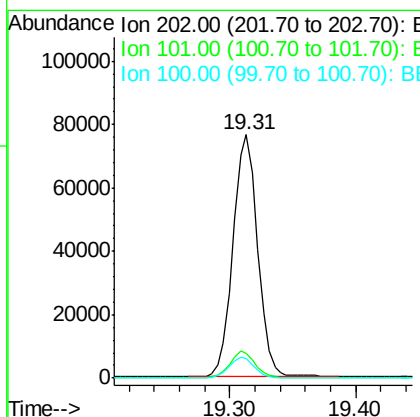
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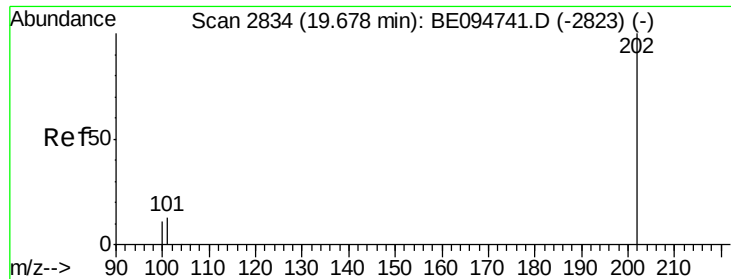
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#15
 Fluoranthene
 Concen: 3.400 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094742.D
 Acq: 4 Nov 2017 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	7.9	0.0	39.5





#17

Pyrene

Concen: 3.184 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Instrument :

BNA_E

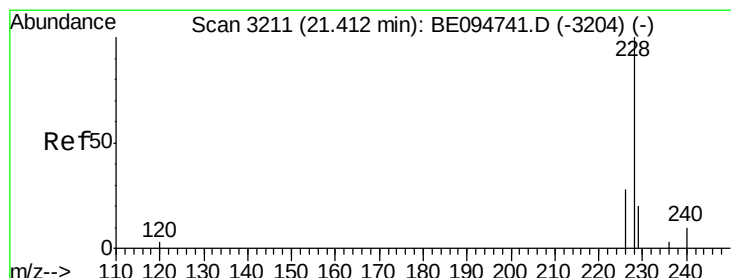
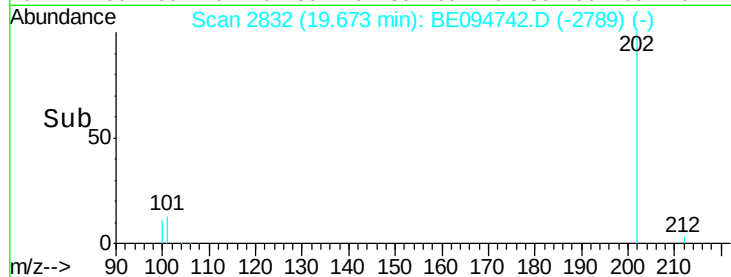
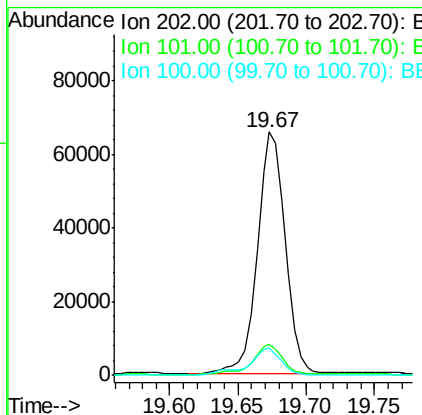
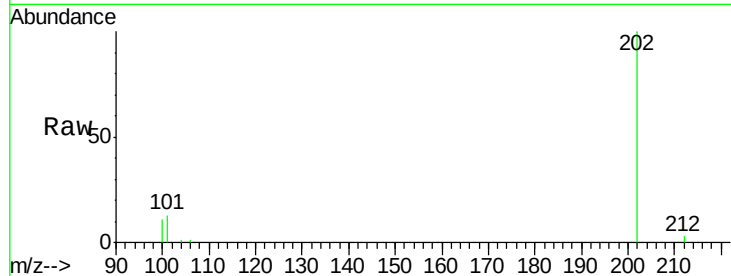
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Tgt Ion:	202	Resp:	93226
Ion Ratio	Lower	Upper	
202	100		
101	12.8	18.2	27.4#
100	11.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.708 ng/ul

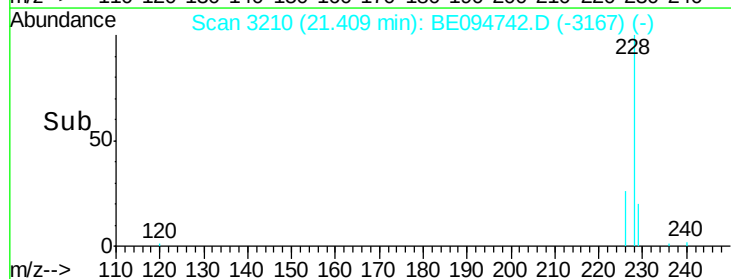
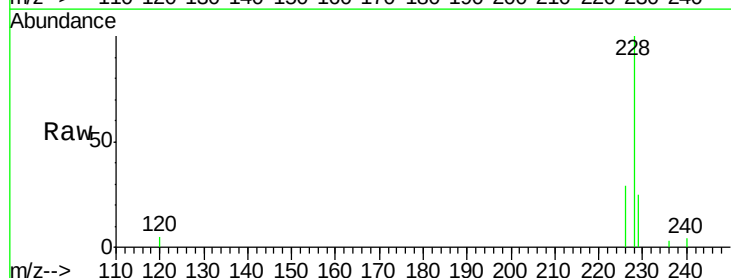
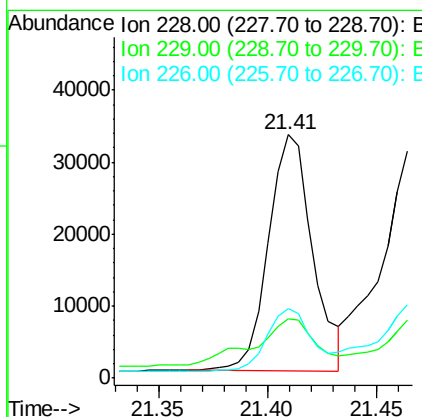
RT: 21.41 min Scan# 3210

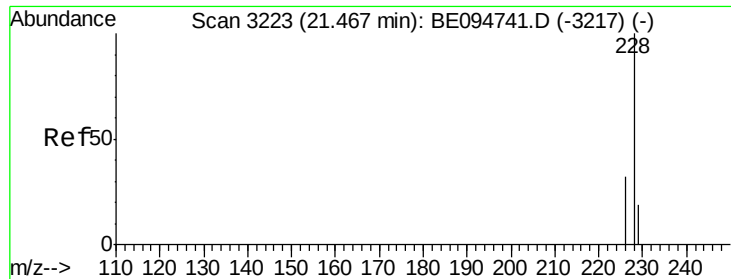
Delta R.T. -0.00 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Tgt Ion:	228	Resp:	46257
Ion Ratio	Lower	Upper	
228	100		
229	24.5	22.8	34.2
226	28.8	17.0	25.6#





#19

Chrysene

Concen: 1.938 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Instrument :

BNA_E

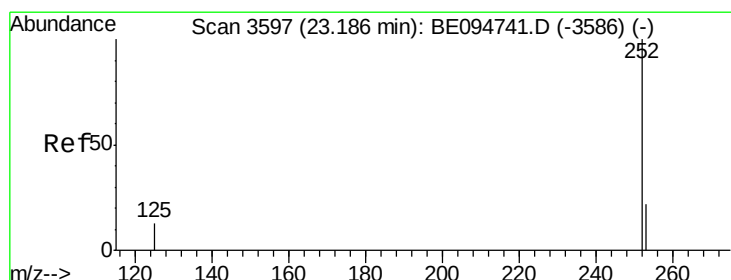
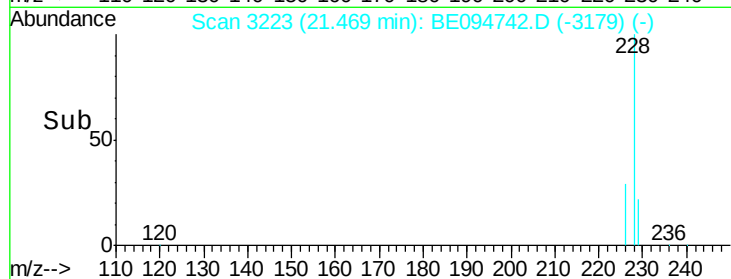
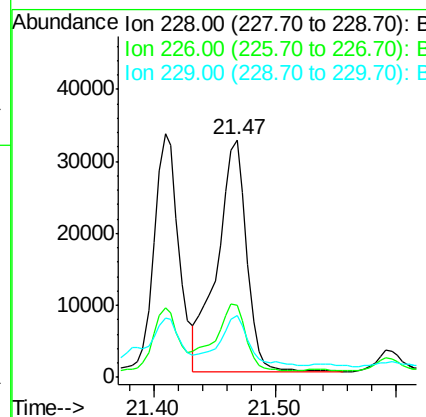
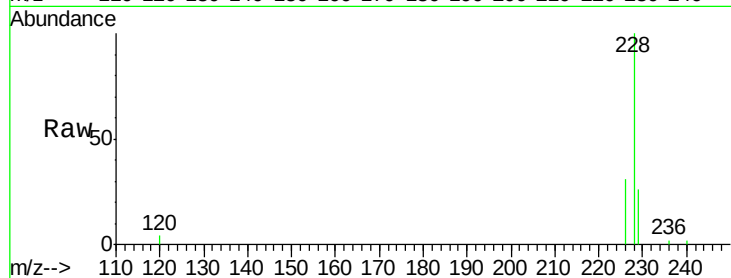
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Tgt Ion:	228	Resp:	54242
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	25.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.691 ng/ul m

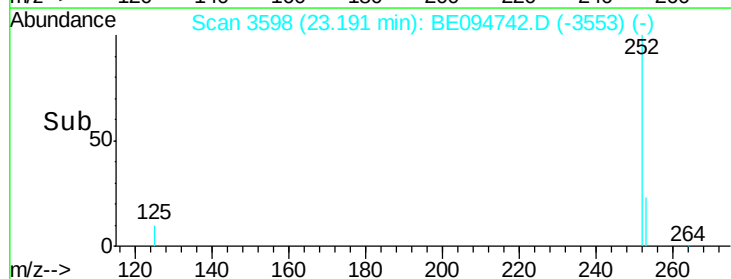
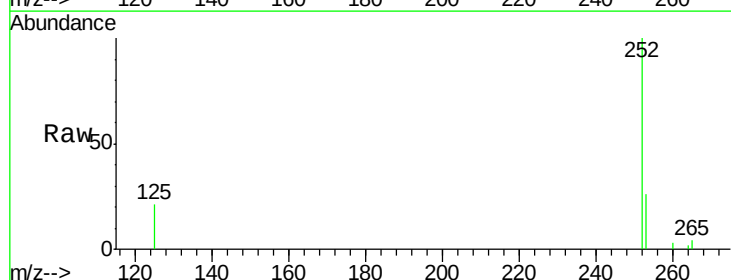
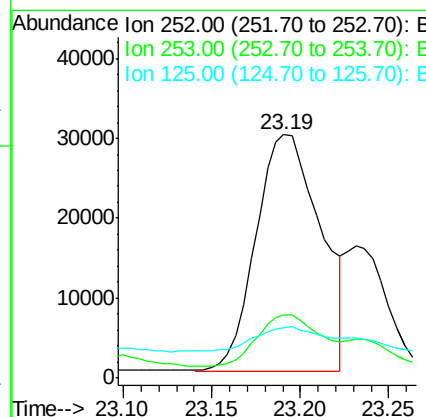
RT: 23.19 min Scan# 3598

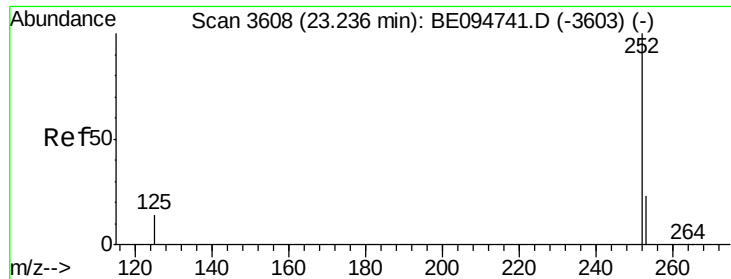
Delta R.T. 0.00 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Tgt Ion:	252	Resp:	75585
Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	64.2
125	20.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.834 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094742.D

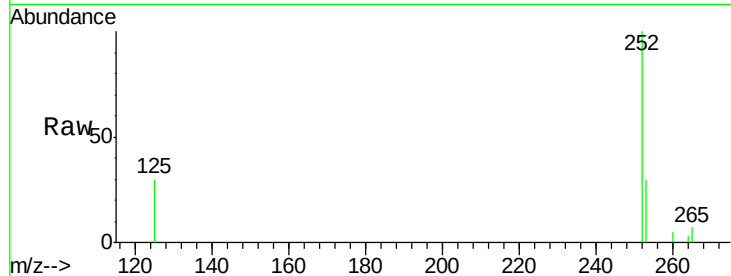
Acq: 4 Nov 2017 17:03

Instrument :

BNA_E

ClientSampleId :

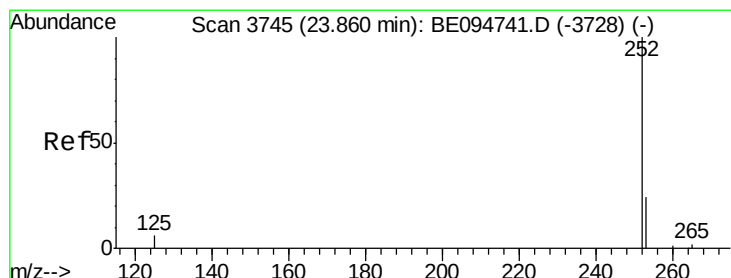
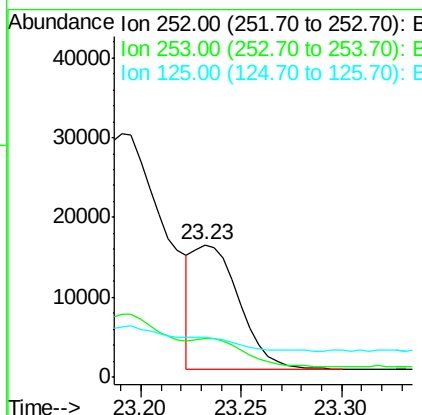
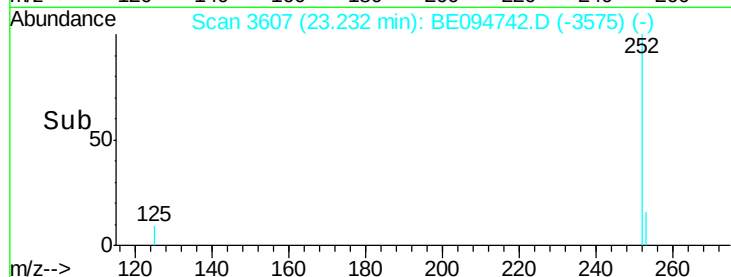
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Tgt Ion:	252	Resp:	25114
Ion Ratio	Lower	Upper	
252	100		
253	29.5	24.5	36.7
125	30.1	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.677 ng/ul

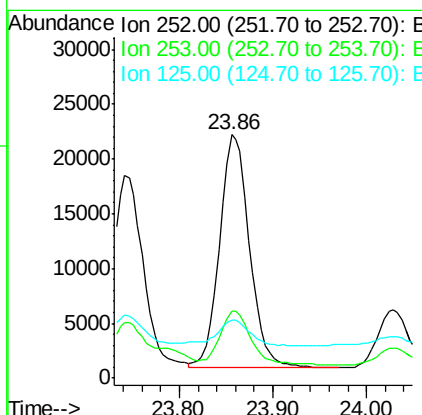
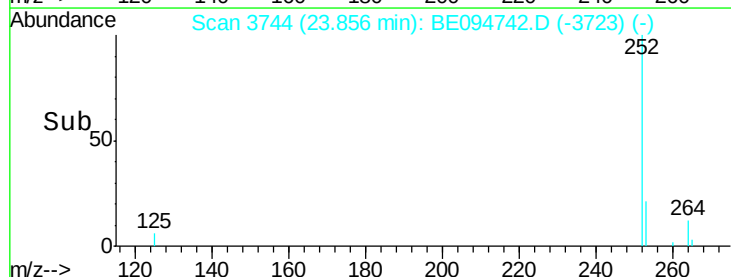
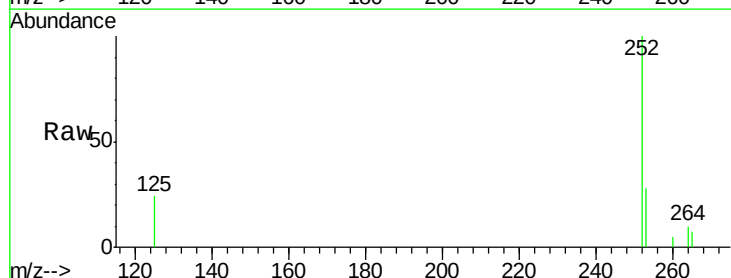
RT: 23.86 min Scan# 3744

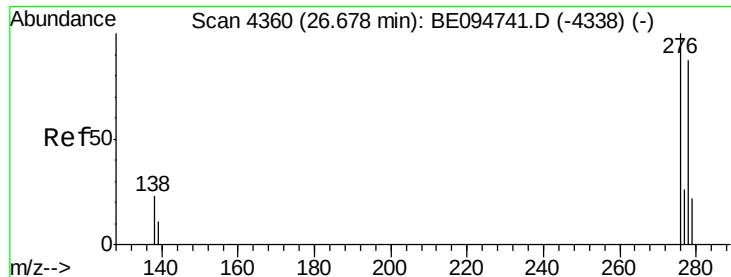
Delta R.T. -0.00 min

Lab File: BE094742.D

Acq: 4 Nov 2017 17:03

Tgt Ion:	252	Resp:	47085
Ion Ratio	Lower	Upper	
252	100		
253	27.5	28.5	42.7#
125	23.9	18.1	27.1





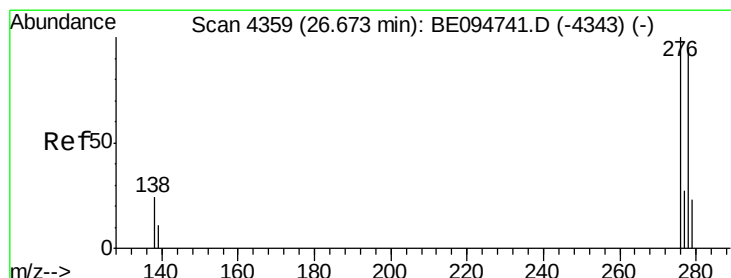
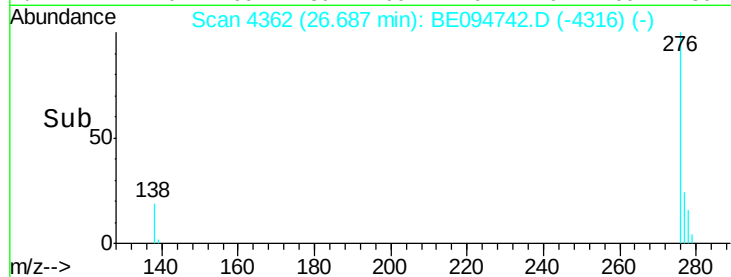
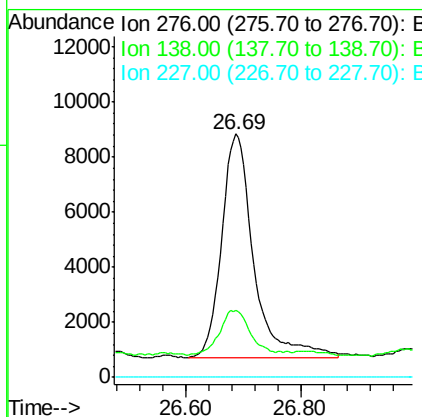
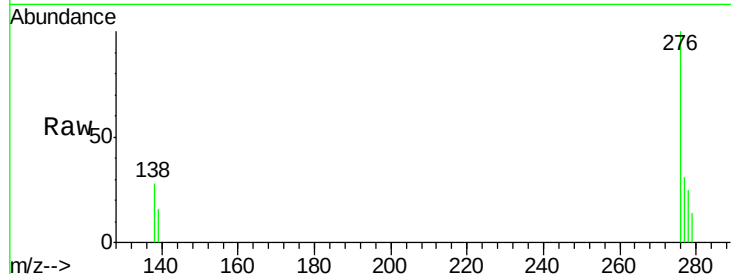
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.108 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094742.D
 Acq: 4 Nov 2017 17:03

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	32195		
138	19.8	28.0	42.0#	
227	0.0	8.0	12.0#	

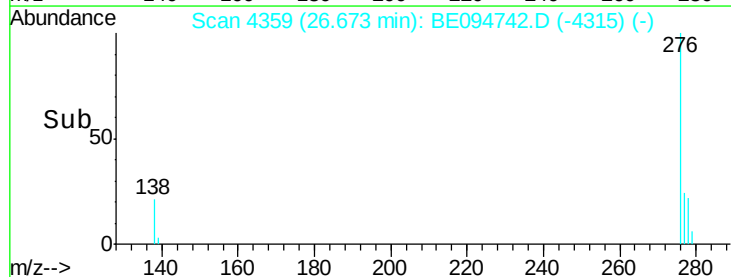
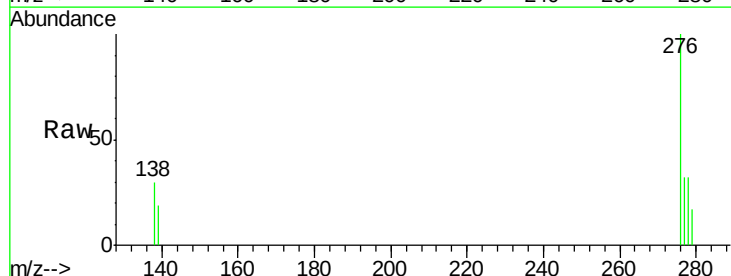
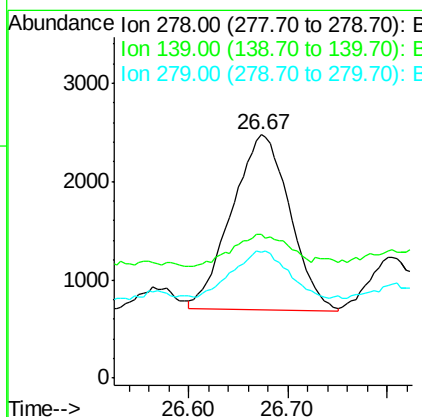
Manual Integrations
 APPROVED

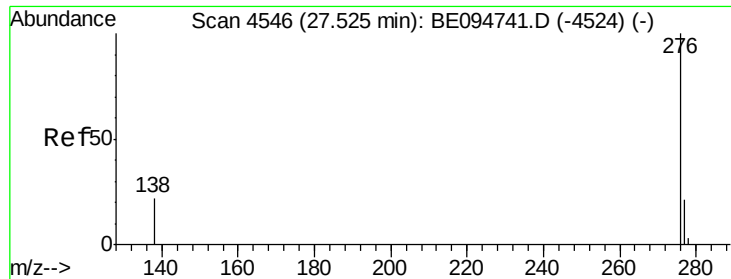
Sohil
 11/6/2017 5:58:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.297 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. 0.00 min
 Lab File: BE094742.D
 Acq: 4 Nov 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	7262		
139	59.1	17.4	26.0#	
279	51.8	25.9	38.9#	





#26

Benzo(g,h,i)perylene

Concen: 1.185 ng/ul

RT: 27.54 min Scan# 4549

Delta R.T. 0.01 min

Lab File: BE094742.D

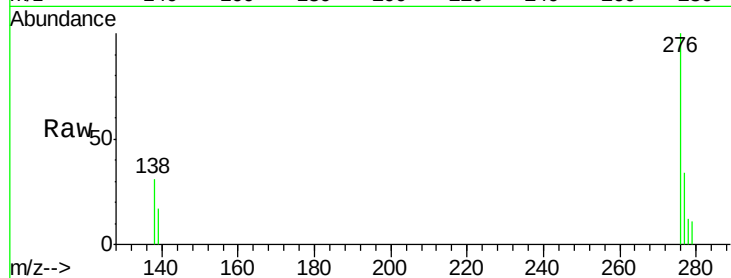
Acq: 4 Nov 2017 17:03

Instrument :

BNA_E

ClientSampleId :

B-19(0-1)-101117



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	30.6	21.8	32.8	
277	33.8	20.5	30.7	

Manual Integrations
APPROVED

Sohil
11/6/2017 5:58:56 PM

