

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094281.D
 Acq On : 11 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I5490-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-40(5-7)-092717

Manual Integrations
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Sohil
 10/13/2017 12:05:30 PM

Quant Time: Oct 12 08:06:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9229	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5541	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11117m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11759	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	11671m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4311	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10776	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2182	0.097	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	776	0.053	ng/ul	97
7) Acenaphthylene	14.24	152	1995	0.092	ng/ul	94
8) Acenaphthene	14.57	153	832	0.047	ng/ul	97
9) Fluorene	15.56	166	1071	0.051	ng/ul#	91
12) Phenanthrene	17.29	178	28322m	0.975	ng/ul	
13) Anthracene	17.38	178	6214	0.220	ng/ul	95
15) Fluoranthene	19.30	202	65208	1.708	ng/ul	84
17) Pyrene	19.66	202	66184	2.023	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	37744	1.210	ng/ul#	86
19) Chrysene	21.45	228	38966	1.082	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	50750	1.601	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	16787m	0.458	ng/ul	
23) Benzo(a)pyrene	23.81	252	34620m	1.051	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	26281m	0.780	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	6982m	0.247	ng/ul	
26) Benzo(a,h,i)perylene	27.40	276	22361m	0.769	ng/ul	

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

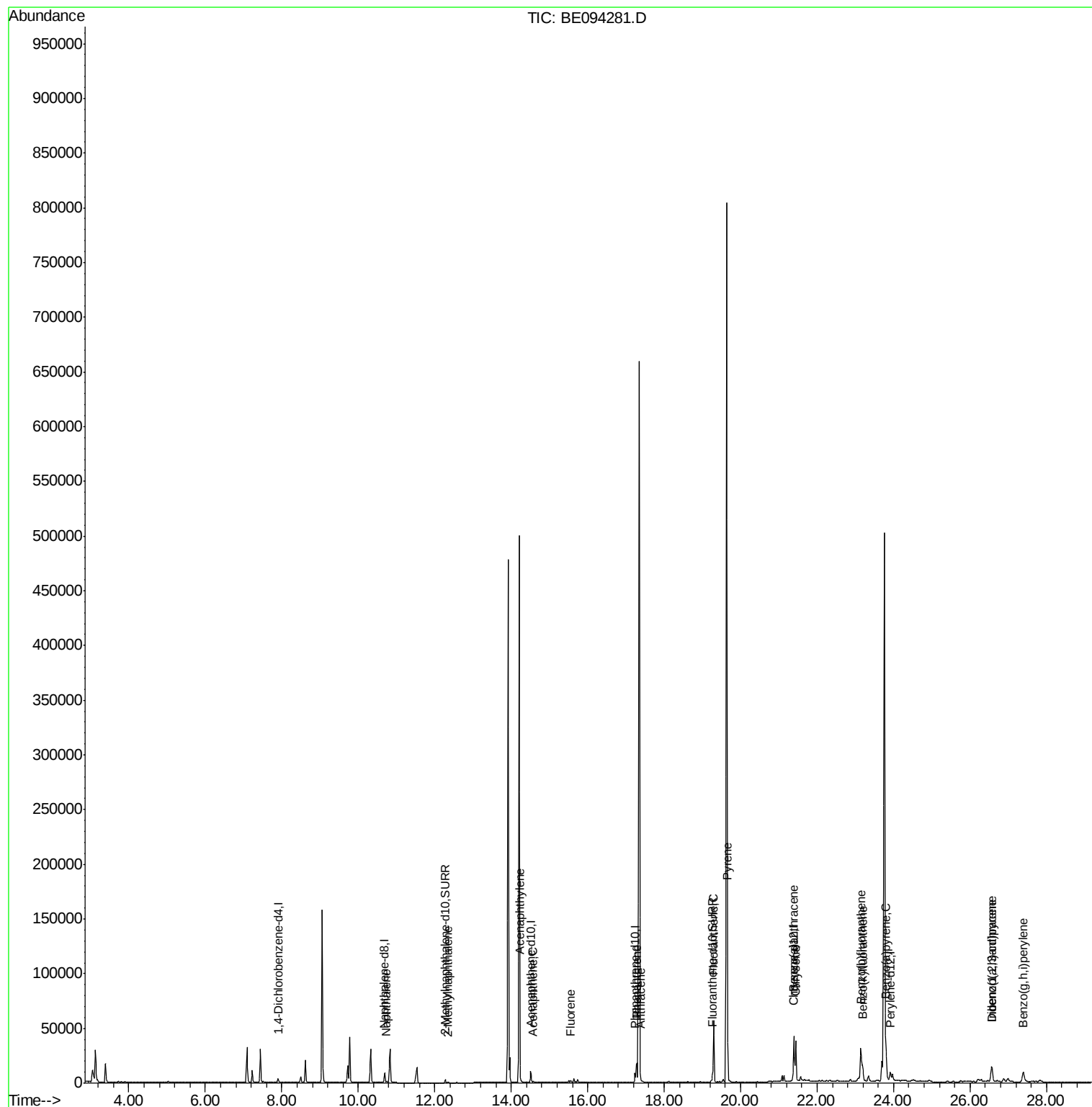
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094281.D
Acq On : 11 Oct 2017 16:07
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

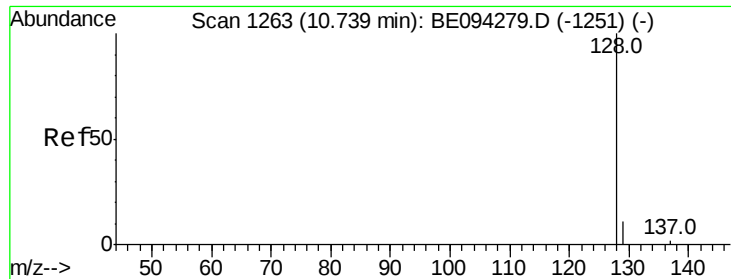
Instrument :
BNA_E
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B-40(5-7)-092717

Manual Integrations
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Quant Time: Oct 12 08:06:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.097 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

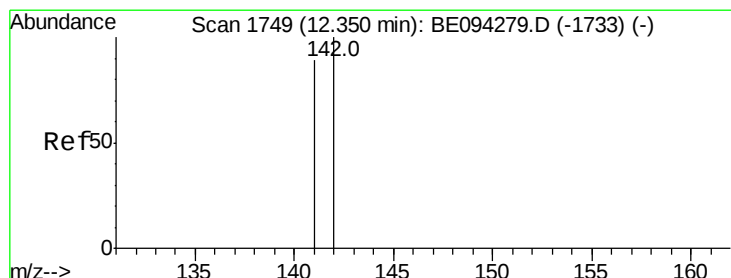
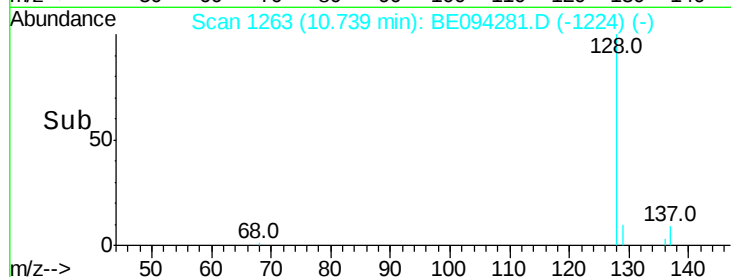
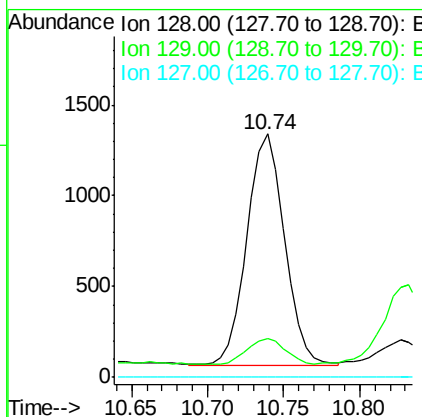
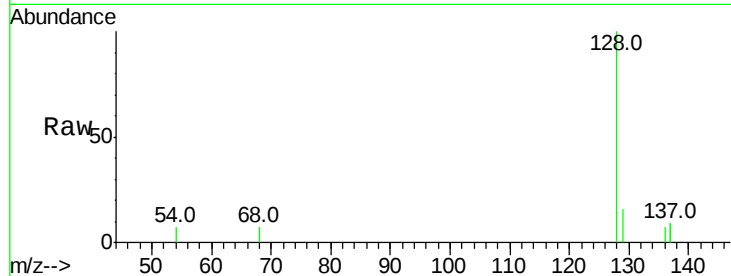
ClientSampleId :

B-40(5-7)-092717

Tot Ion:	128	Resp:	2182
Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

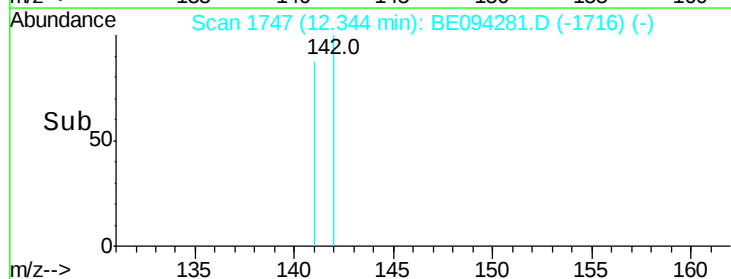
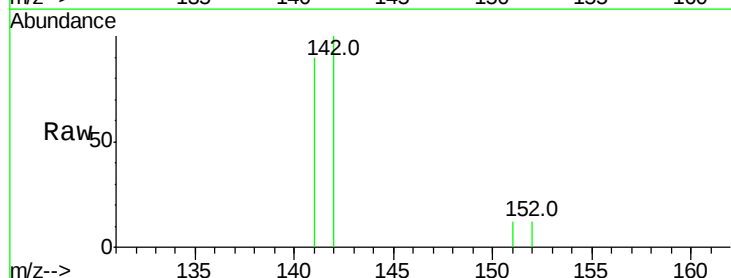
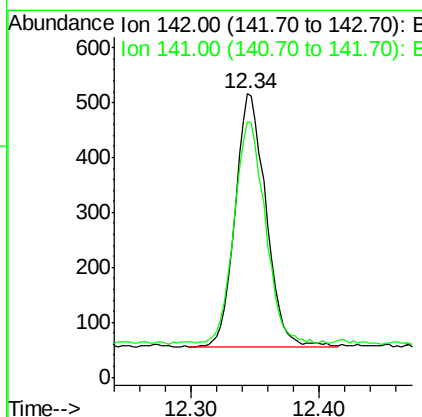
RT: 12.34 min Scan# 1747

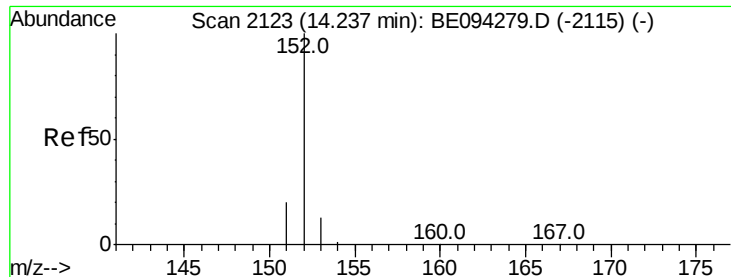
Delta R.T. -0.01 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:	142	Resp:	776
Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

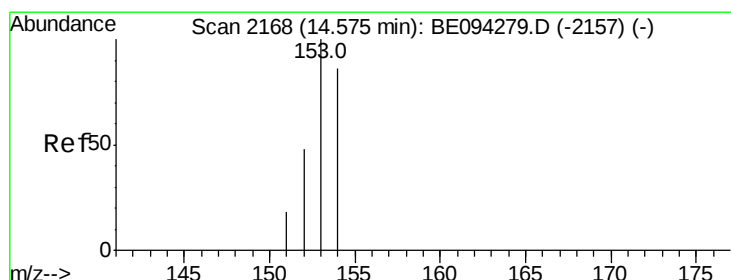
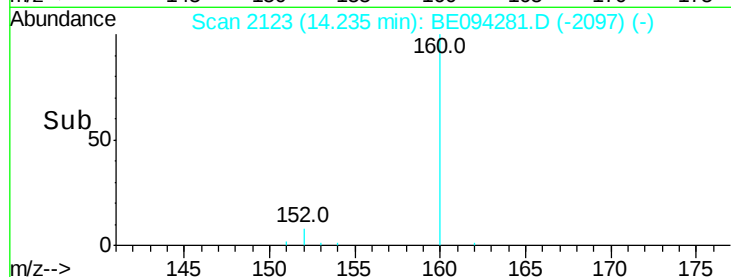
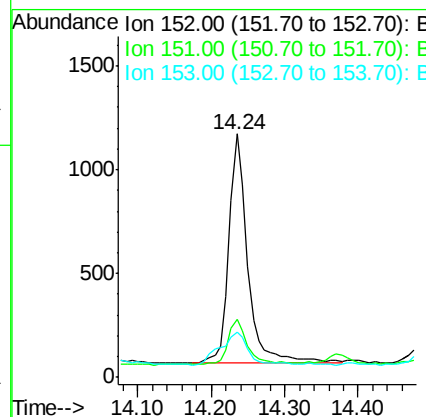
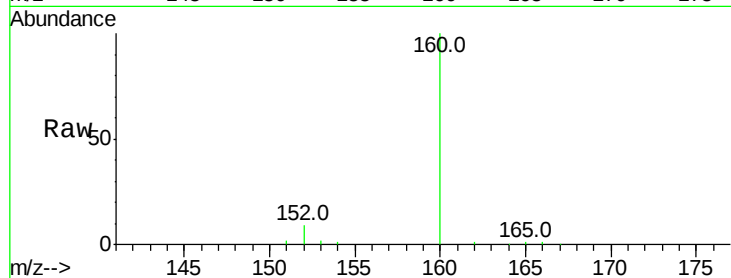
ClientSampleId :

B-40(5-7)-092717

Tot Ion:	152	Resp:	1995
Ion Ratio	Lower	Upper	
152	100		
151	23.9	17.1	25.7
153	18.5	12.8	19.2

Manual Integrations
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#8

Acenaphthene

Concen: 0.047 ng/ul

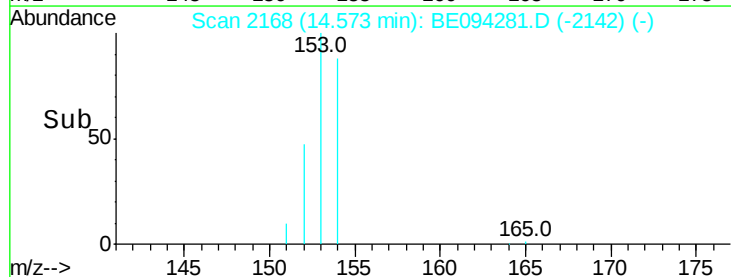
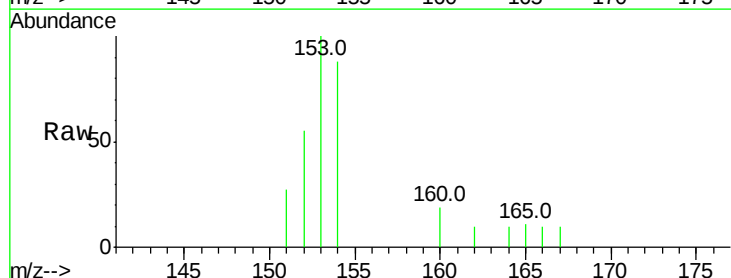
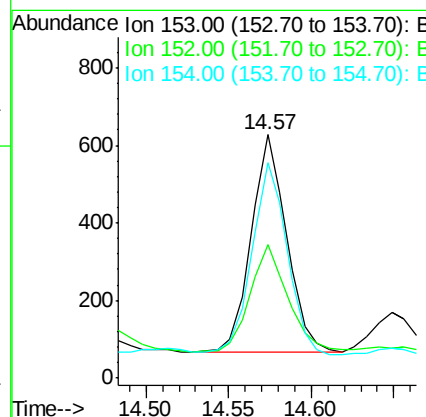
RT: 14.57 min Scan# 2168

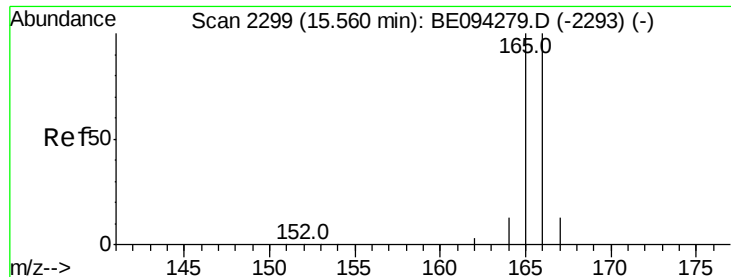
Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:	153	Resp:	832
Ion Ratio	Lower	Upper	
153	100		
152	54.6	40.3	60.5
154	88.4	71.4	107.2





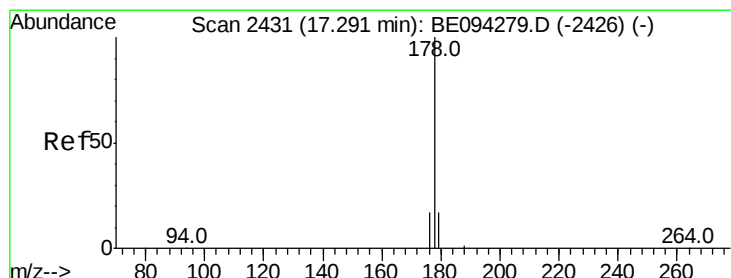
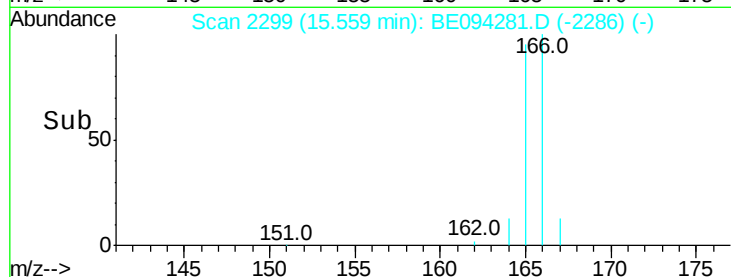
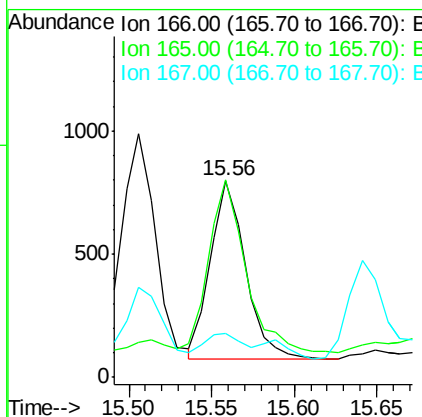
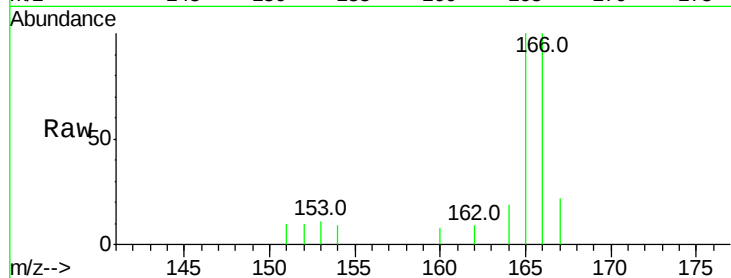
#9
Fluorene
 Concen: 0.051 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BE094281.D
 Acq: 11 Oct 2017 16:07

Instrument :
 BNA_E
 ClientSampleId :
 B-40(5-7)-092717

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	73.4	110.2
167	22.3	14.6	22.0

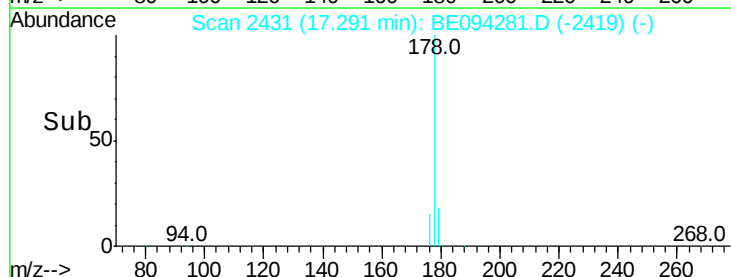
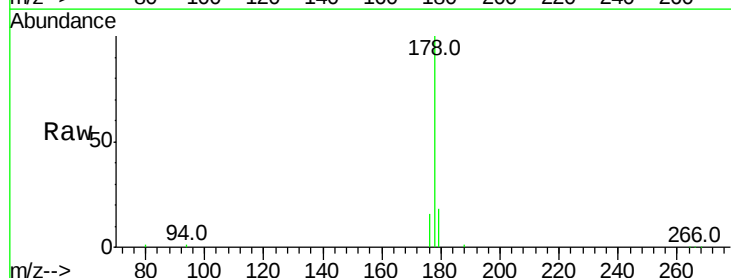
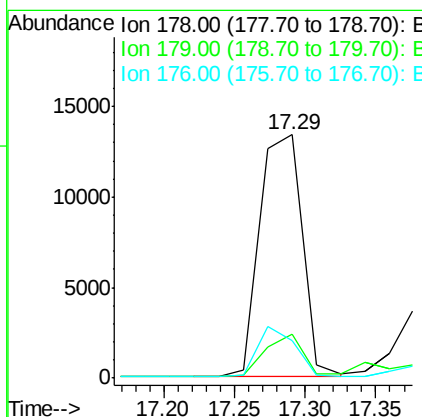
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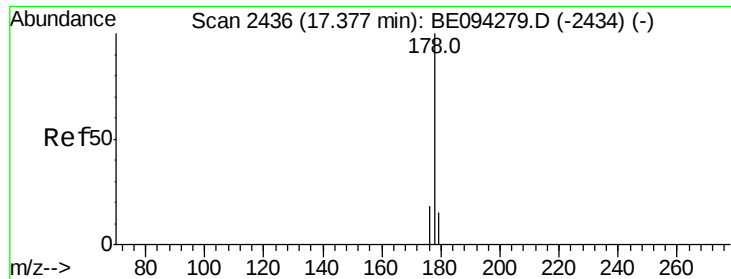
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#12
Phenanthrene
 Concen: 0.975 ng/ul m
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094281.D
 Acq: 11 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6
176	15.7	13.6	20.4





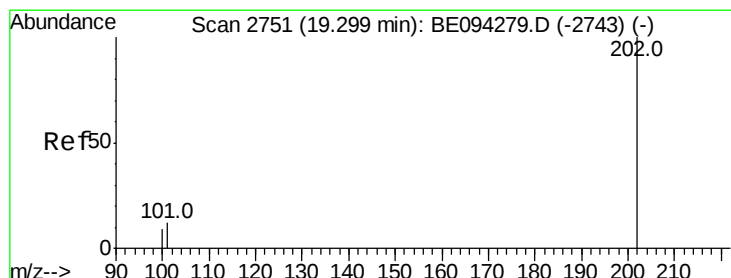
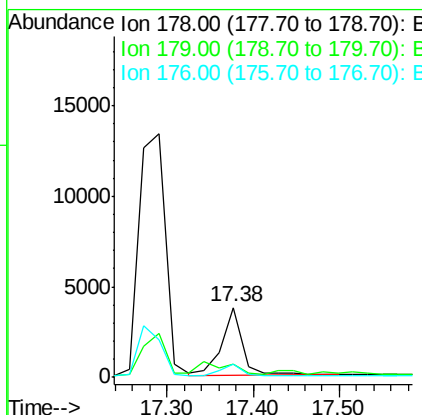
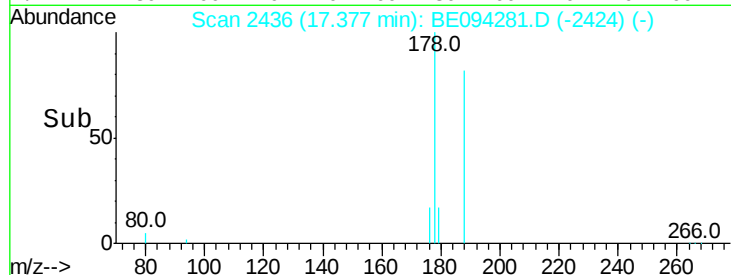
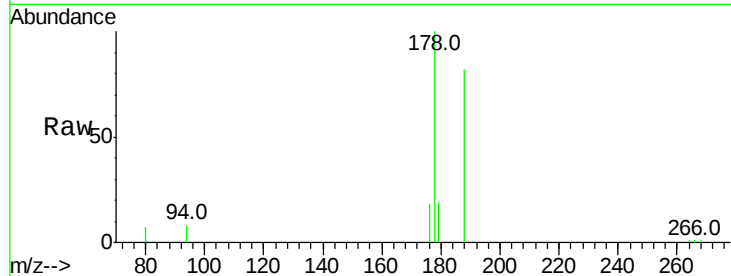
#13
 Anthracene
 Concen: 0.220 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094281.D
 Acq: 11 Oct 2017 16:07

Instrument :
 BNA_E
 ClientSampleId :
 B-40(5-7)-092717

Tot Ion:178 Resp: 6214
 Ion Ratio Lower Upper
 178 100
 179 18.6 18.1 27.1
 176 18.5 14.7 22.1

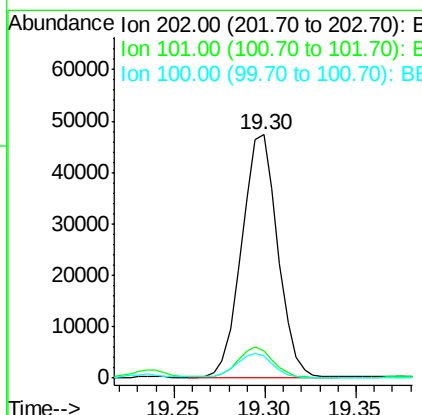
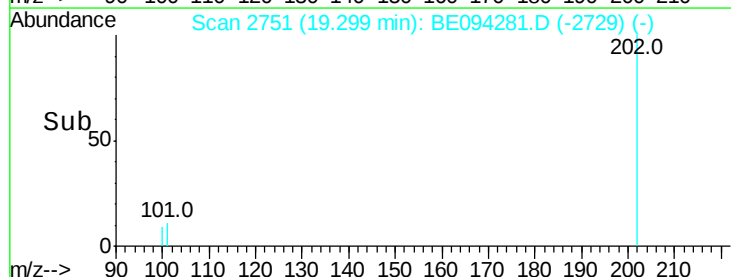
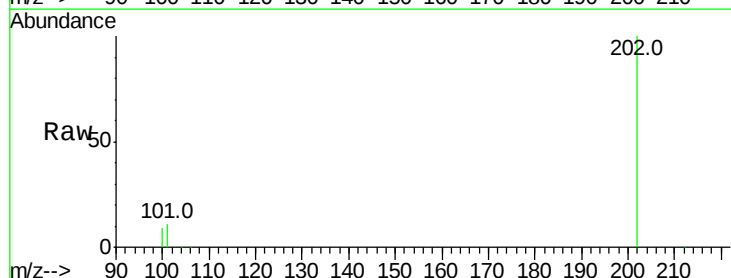
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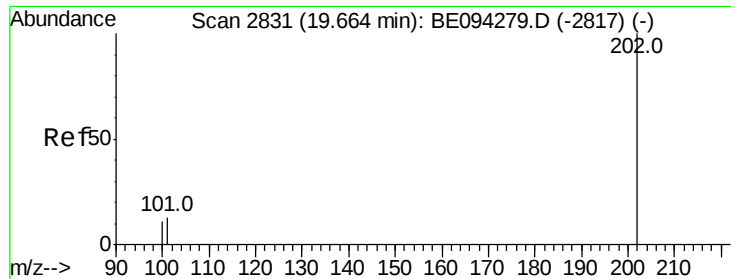
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#15
 Fluoranthene
 Concen: 1.708 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE094281.D
 Acq: 11 Oct 2017 16:07

Tgt Ion:202 Resp: 65208
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 8.9 0.0 39.5





#17

Pvrene

Concen: 2.023 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

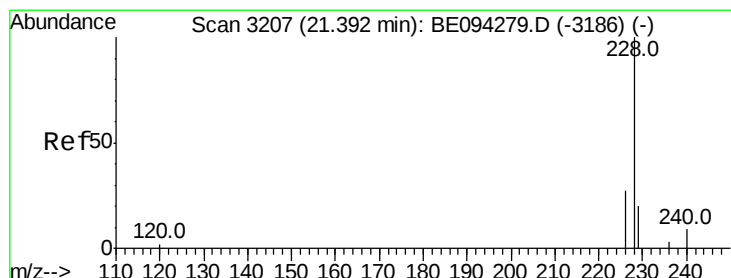
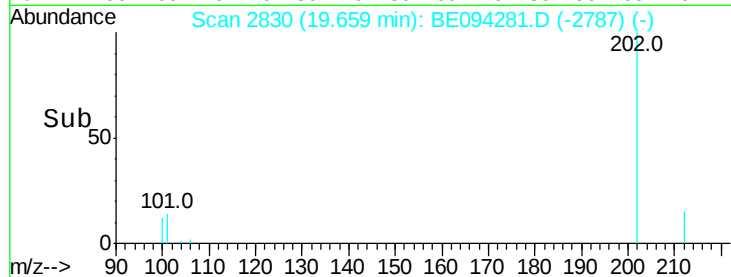
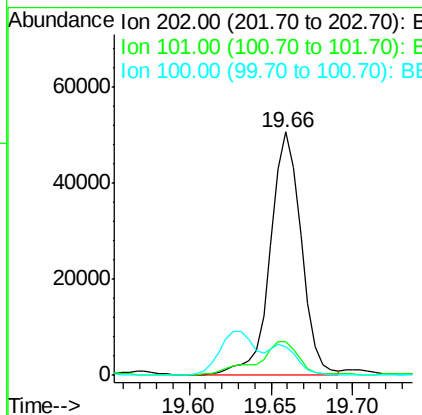
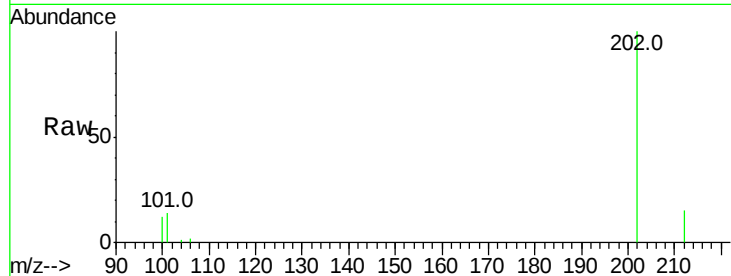
ClientSampleId :

B-40(5-7)-092717

Tot Ion:	202	Resp:	66184
Ion Ratio	Lower	Upper	
202	100		
101	14.1	18.2	27.4#
100	11.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.210 ng/ul

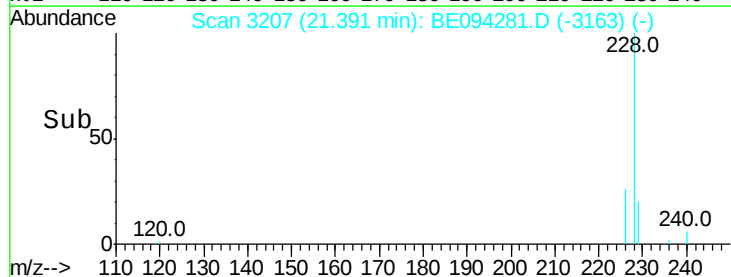
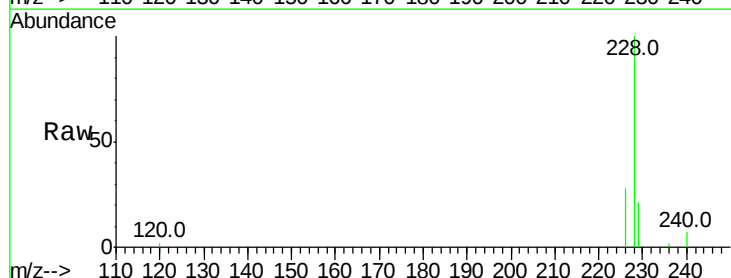
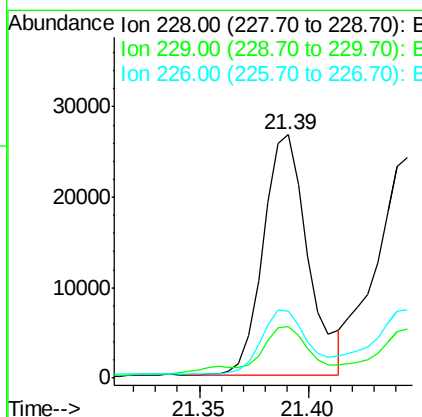
RT: 21.39 min Scan# 3207

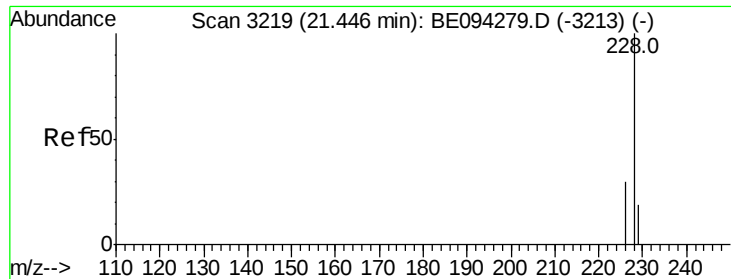
Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:	228	Resp:	37744
Ion Ratio	Lower	Upper	
228	100		
229	21.2	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 1.082 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

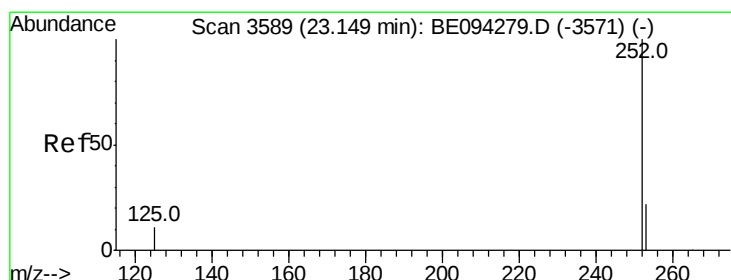
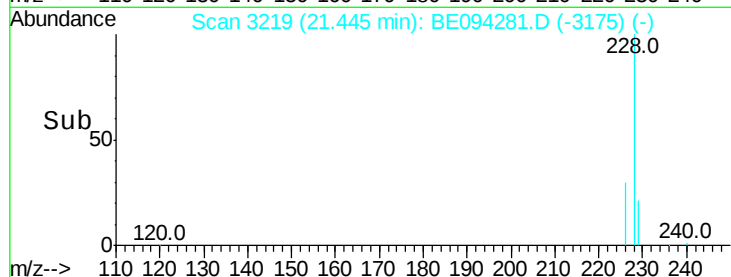
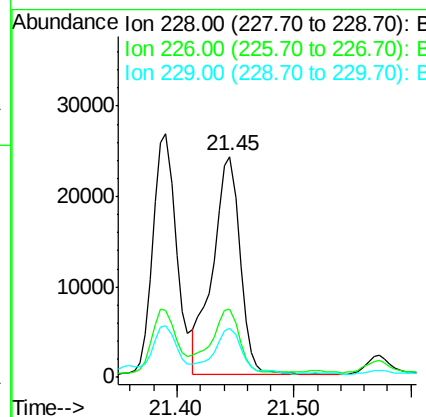
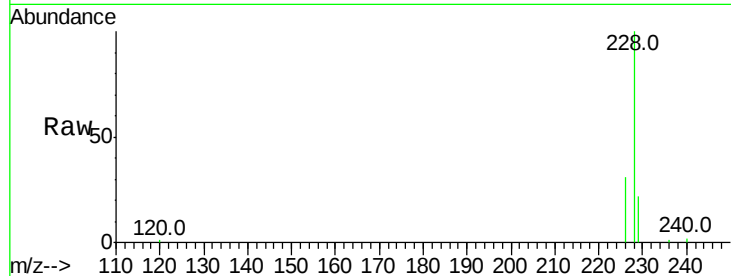
ClientSampleId :

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Tot Ion:	228	Resp:	38966
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.601 ng/ul

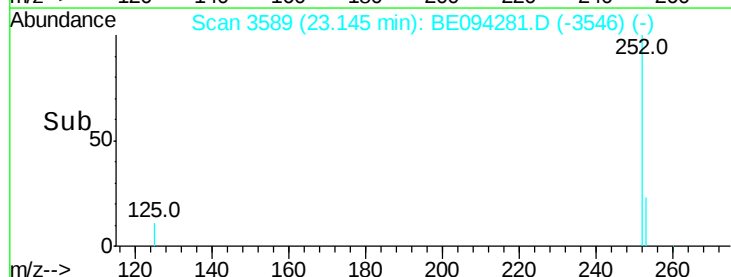
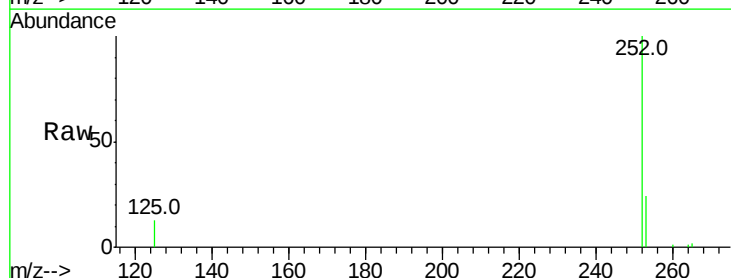
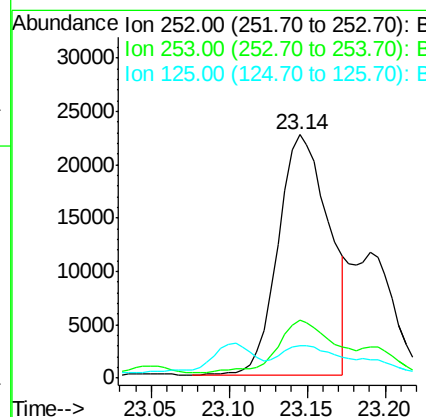
RT: 23.14 min Scan# 3589

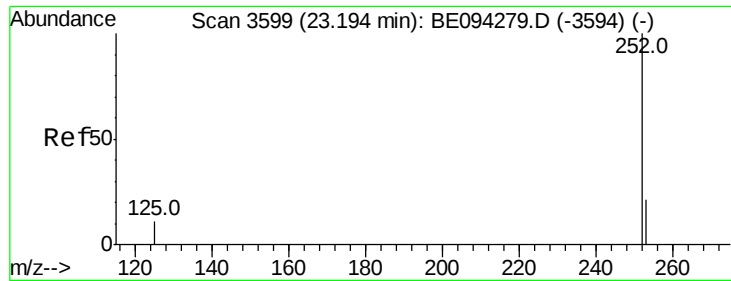
Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:	252	Resp:	50750
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	13.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.458 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

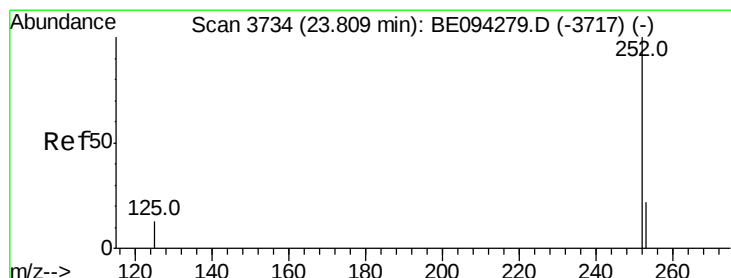
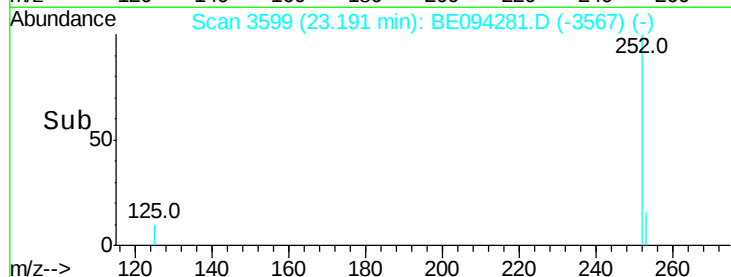
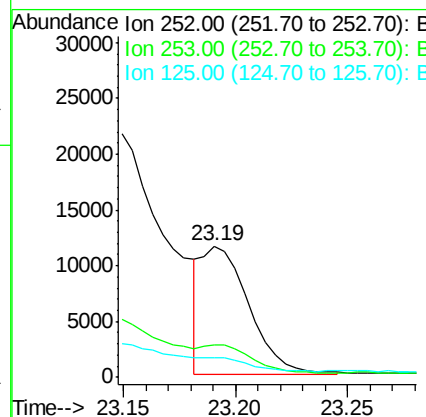
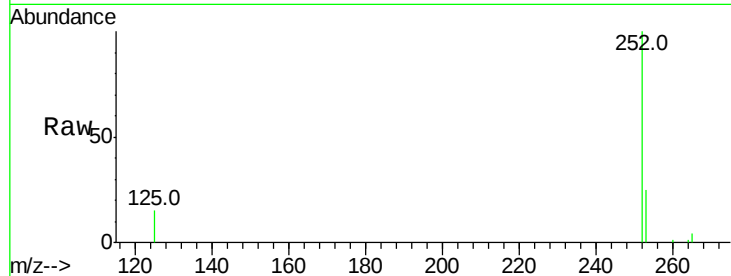
ClientSampleId :

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Tot Ion:	252	Resp:	16787
Ion Ratio	Lower	Upper	
252	100		
253	24.8	24.5	36.7
125	14.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.051 ng/ul m

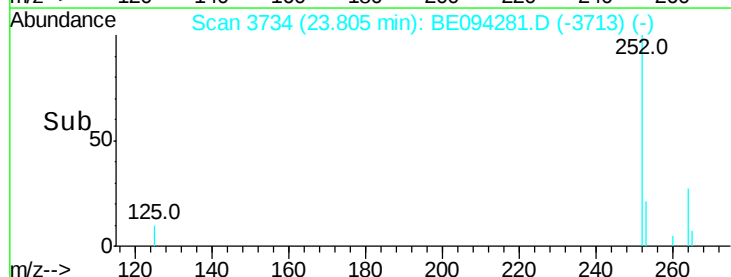
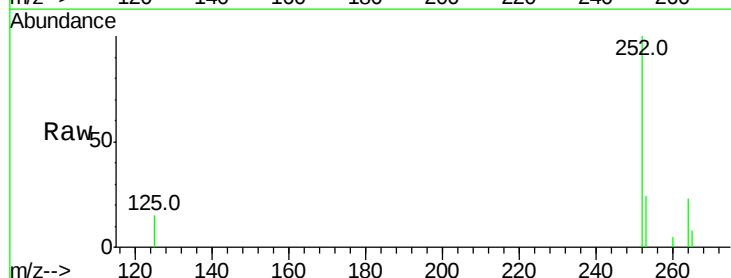
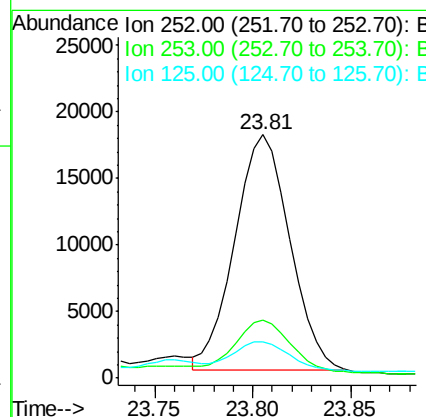
RT: 23.81 min Scan# 3734

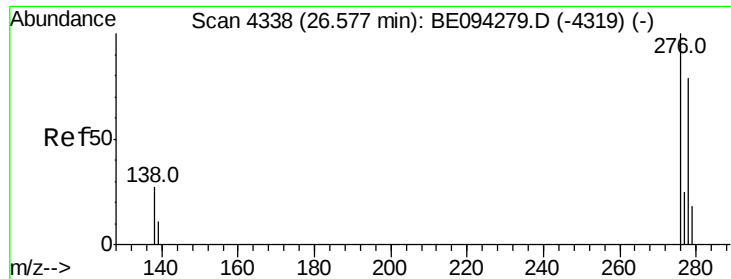
Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:	252	Resp:	34620
Ion Ratio	Lower	Upper	
252	100		
253	24.0	28.5	42.7#
125	14.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.780 ng/ul m

RT: 26.57 min Scan# 4337

Delta R.T. -0.01 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

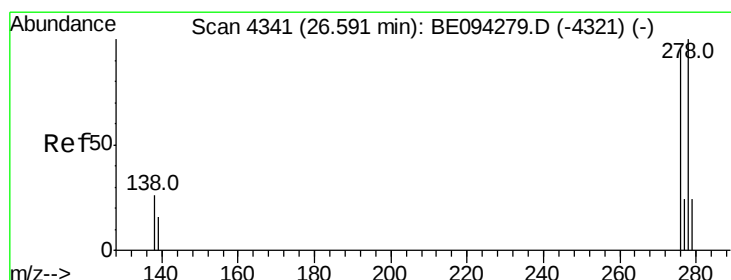
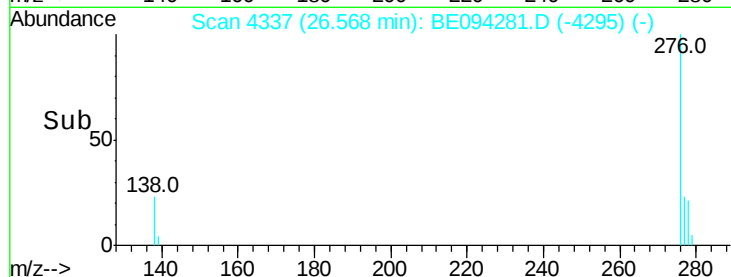
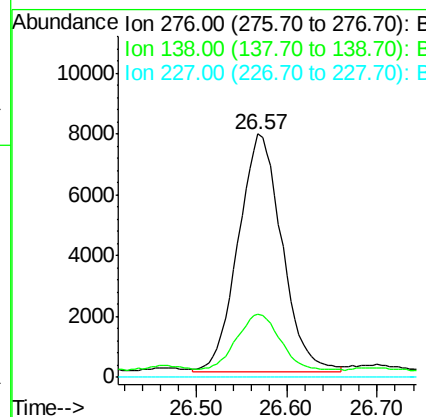
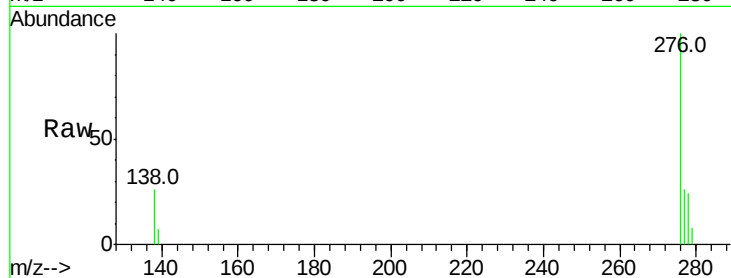
ClientSampleId :

B-40(5-7)-092717

Tot Ion:	276	Resp:	26281
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:30 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.247 ng/ul m

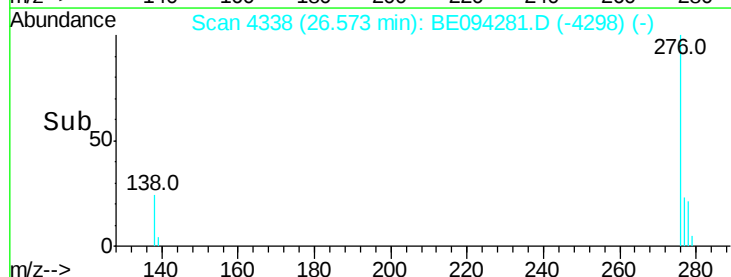
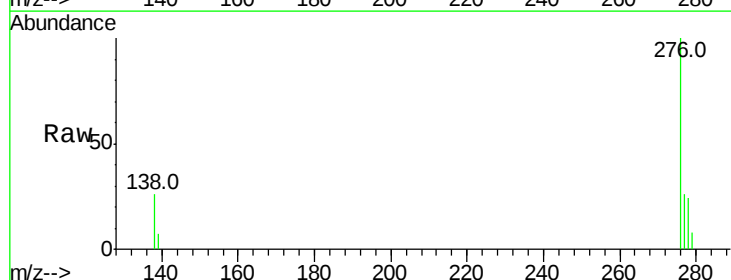
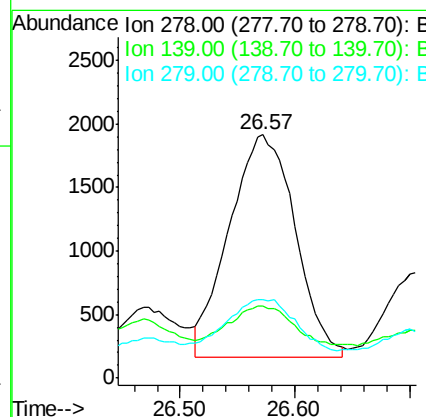
RT: 26.57 min Scan# 4338

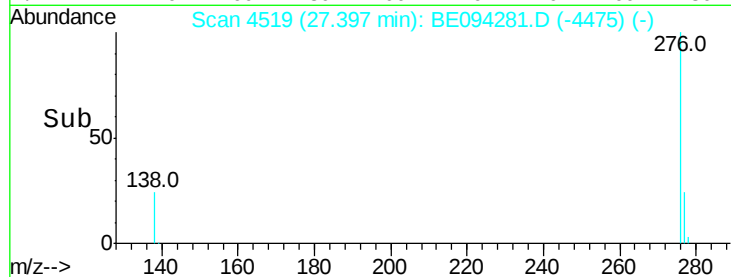
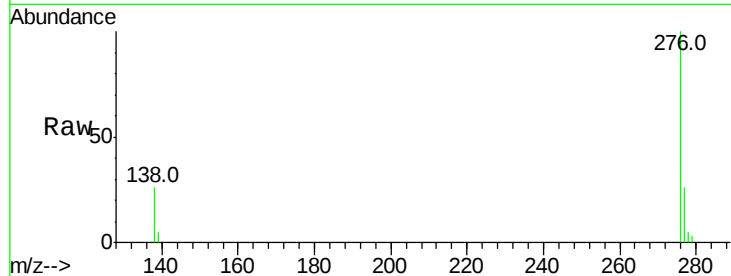
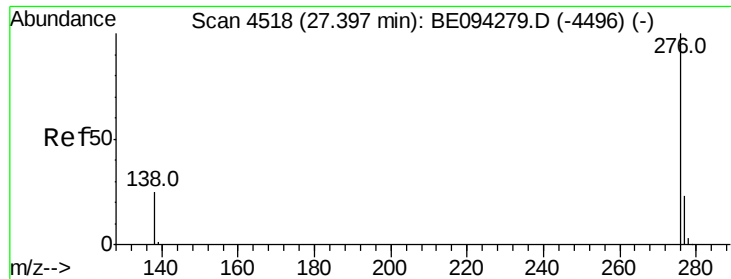
Delta R.T. -0.02 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Tgt Ion:	278	Resp:	6982
Ion Ratio	Lower	Upper	
278	100		
139	29.5	17.4	26.0#
279	32.4	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 0.769 ng/ul m

RT: 27.40 min Scan# 4519

Delta R.T. -0.00 min

Lab File: BE094281.D

Acq: 11 Oct 2017 16:07

Instrument :

BNA_E

ClientSampleId :

B-40(5-7)-092717

Tot Ion:	276	Resp:	22361
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.8	32.8
277	26.1	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:30 PM

