

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
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Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:43:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11719	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11228	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10211m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2622	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	6408	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.36	142	516	0.036	ng/ul	99
7) Acenaphthylene	14.25	152	890	0.042	ng/ul#	81
8) Acenaphthene	14.59	153	972	0.056	ng/ul	97
9) Fluorene	15.57	166	1070	0.053	ng/ul#	88
12) Phenanthrene	17.29	178	41971	1.371	ng/ul#	87
13) Anthracene	17.38	178	7909	0.266	ng/ul#	90
15) Fluoranthene	19.31	202	147722	3.671	ng/ul	84
17) Pyrene	19.67	202	125906	4.030	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	73424	2.465	ng/ul#	88
19) Chrysene	21.46	228	81486	2.369	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	92826	3.347	ng/ul	88
22) Benzo(k)fluoranthene	23.21	252	36344m	1.134	ng/ul	
23) Benzo(a)pyrene	23.83	252	66991m	2.324	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	45572m	1.546	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	12558m	0.508	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	36239m	1.425	ng/ul	

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

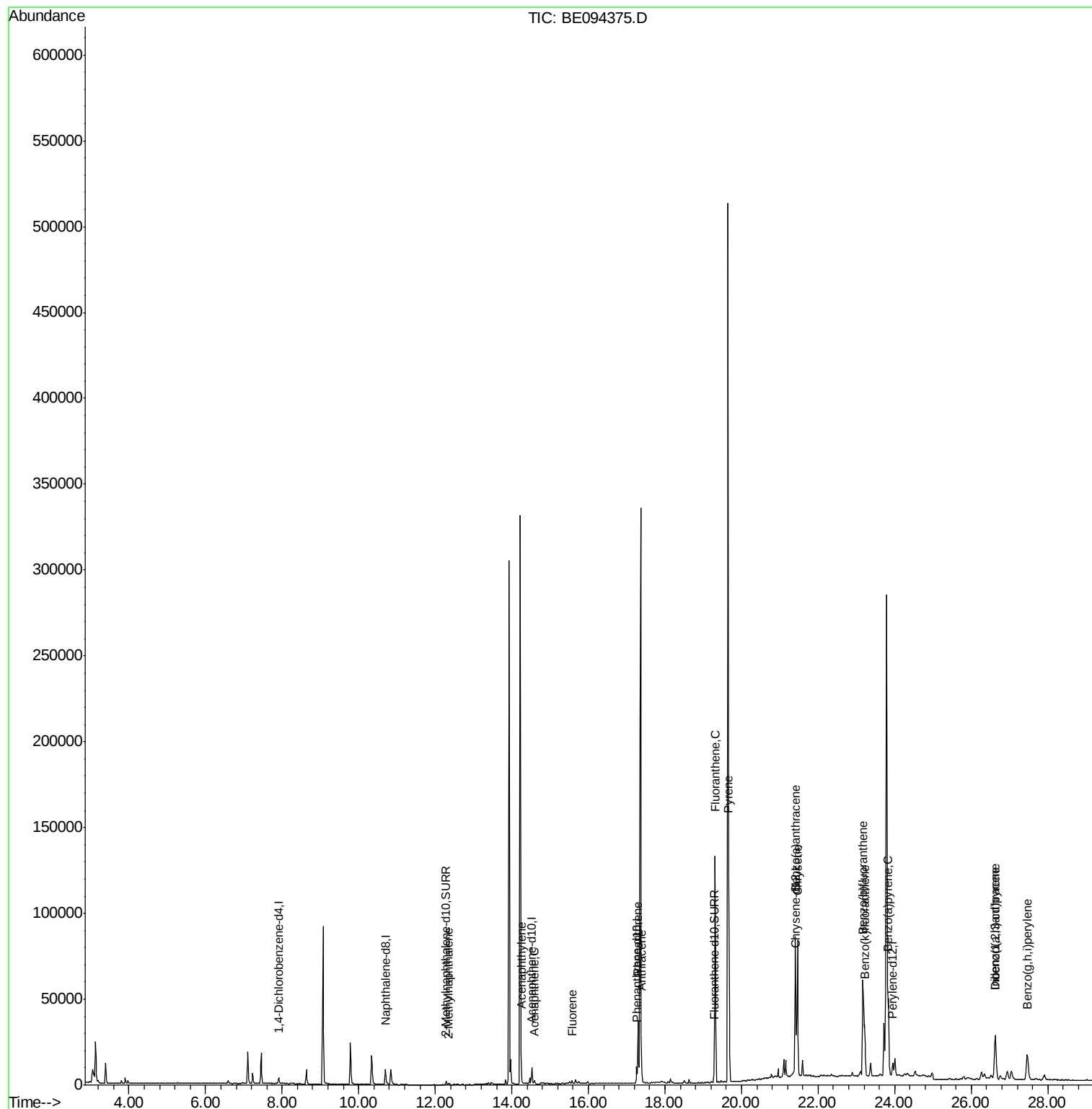
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
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ALS Vial : 22 Sample Multiplier: 1

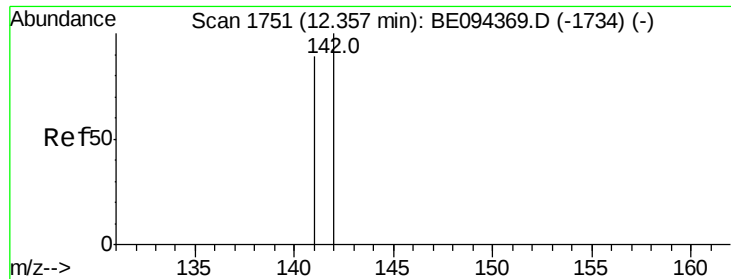
Instrument :
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Quant Time: Oct 16 05:43:44 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 05:09:03 2017
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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

Instrument :

BNA_E

ClientSampleId :

C0AB2

Tot Ion:142 Resp: 516

Ion Ratio Lower Upper

142 100

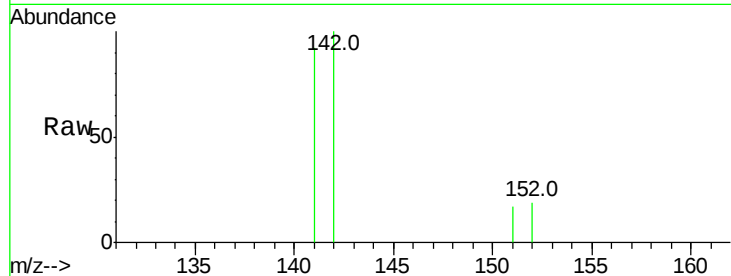
141 91.9 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

400

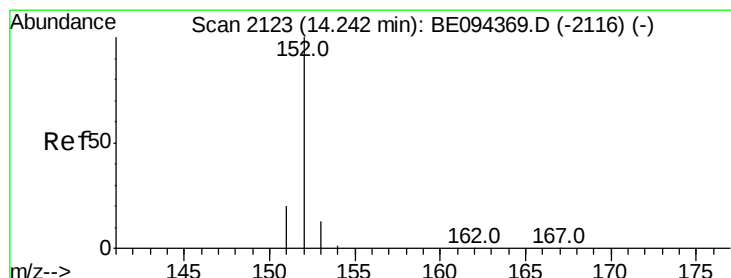
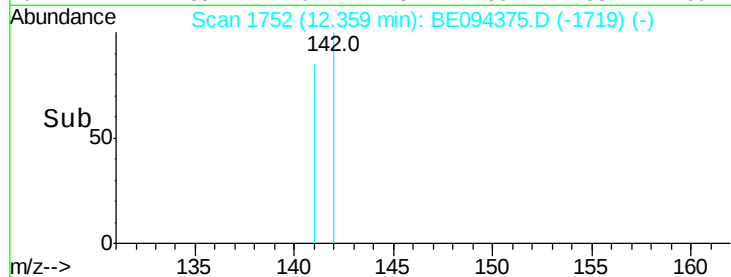
300

200

100

0

Time-->



#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

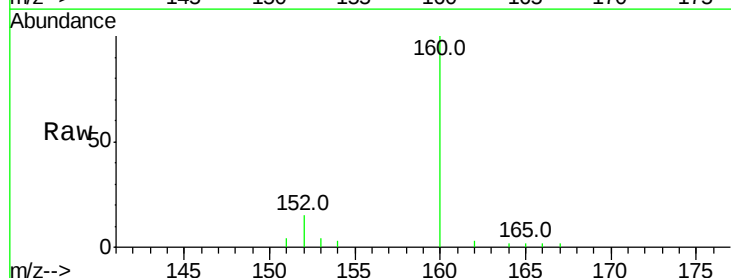
Tgt Ion:152 Resp: 890

Ion Ratio Lower Upper

152 100

151 28.4 17.1 25.7#

153 26.3 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

14.25

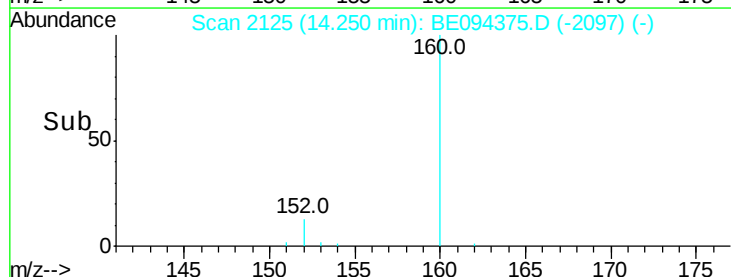
600

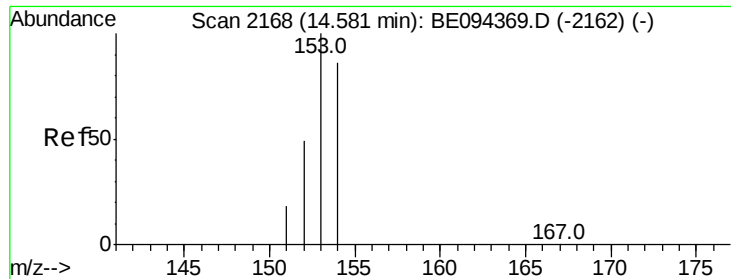
400

200

0

Time-->





#8

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

Instrument :

BNA_E

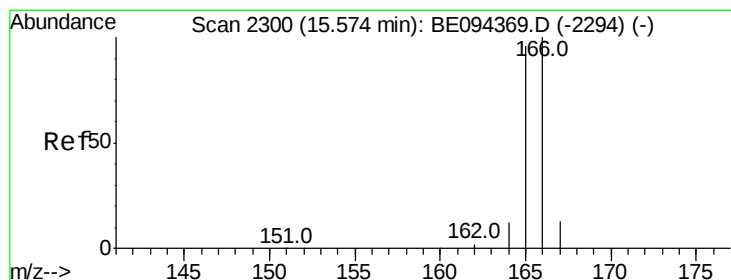
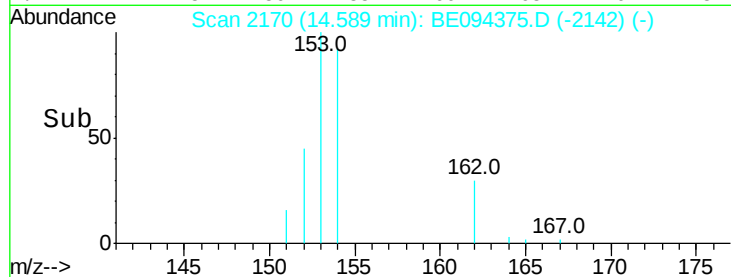
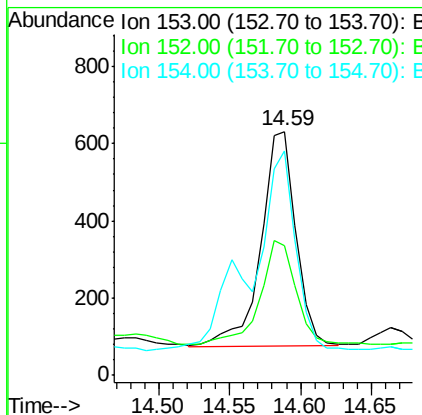
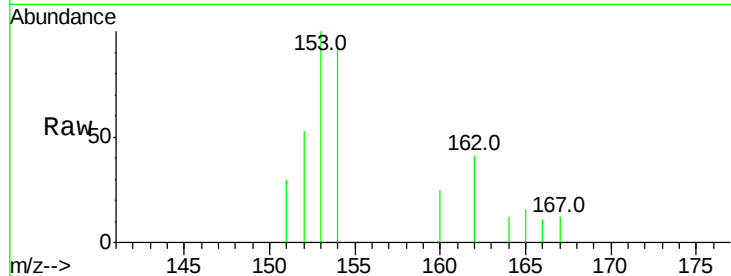
ClientSampleId :

C0AB2

Tot Ion:	153	Resp:	972
Ion	Ratio	Lower	Upper
153	100		
152	53.1	40.3	60.5
154	92.2	71.4	107.2

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#9

Fluorene

Concen: 0.053 ng/ul

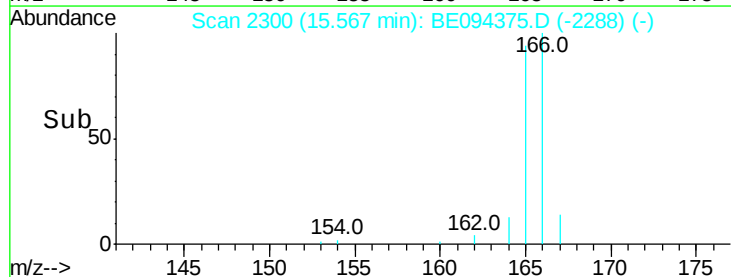
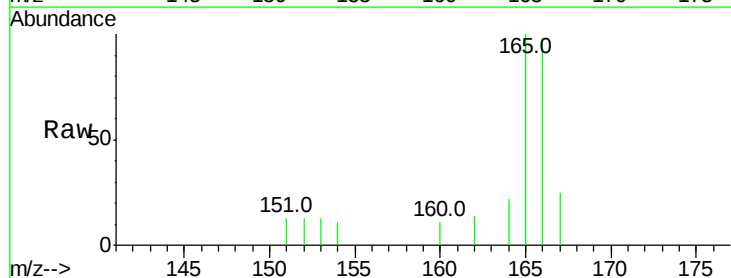
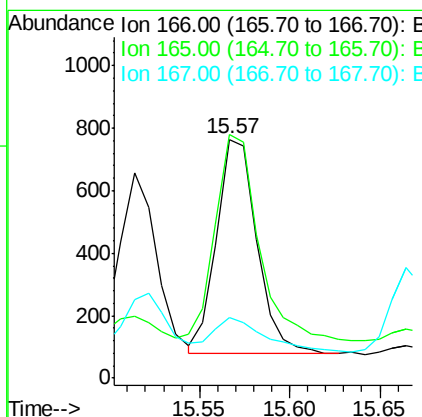
RT: 15.57 min Scan# 2300

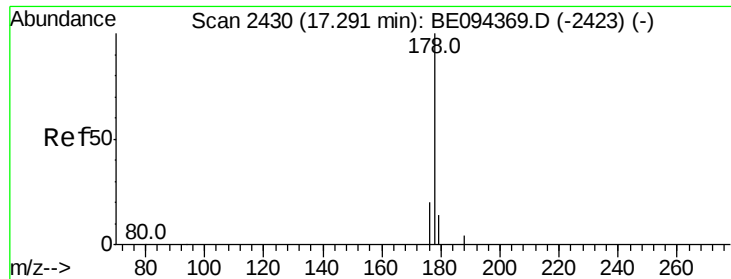
Delta R.T. -0.01 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

Tgt Ion:	166	Resp:	1070
Ion	Ratio	Lower	Upper
166	100		
165	102.0	73.4	110.2
167	25.4	14.6	22.0





#12

Phenanthrene

Concen: 1.371 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094375.D

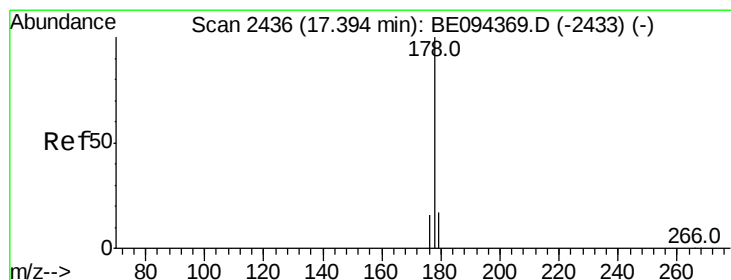
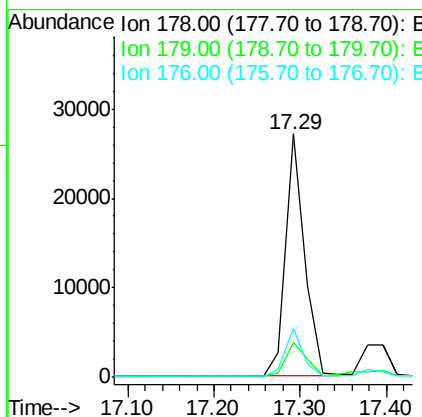
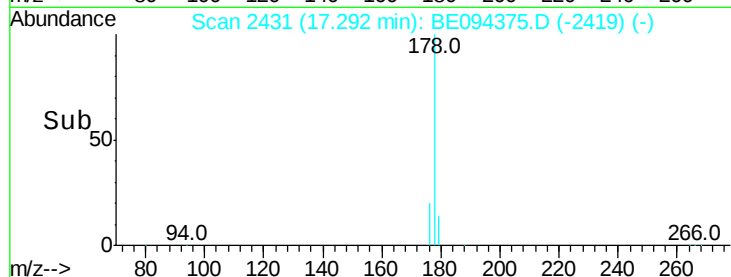
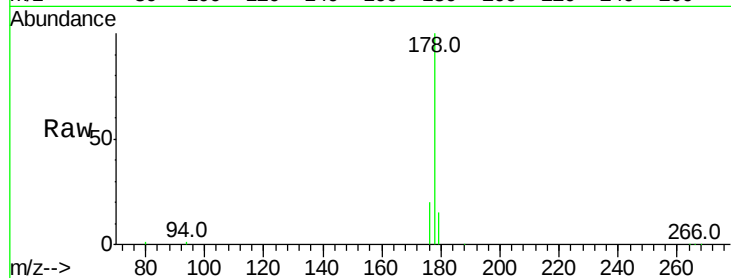
Acq: 15 Oct 2017 3:23

Instrument :
BNA_E
ClientSampleId :
C0AB2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	20.2	13.6	20.4

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#13

Anthracene

Concen: 0.266 ng/ul

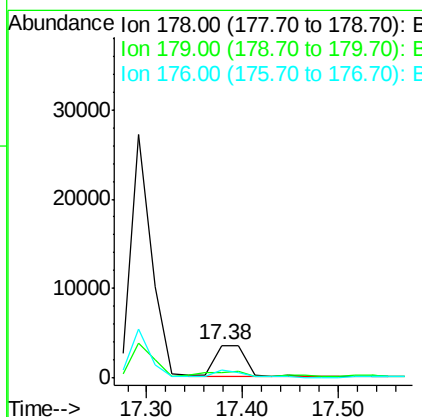
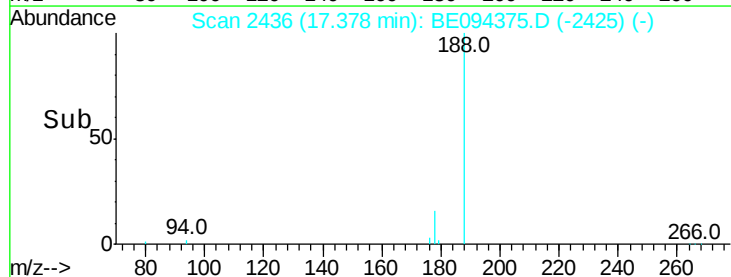
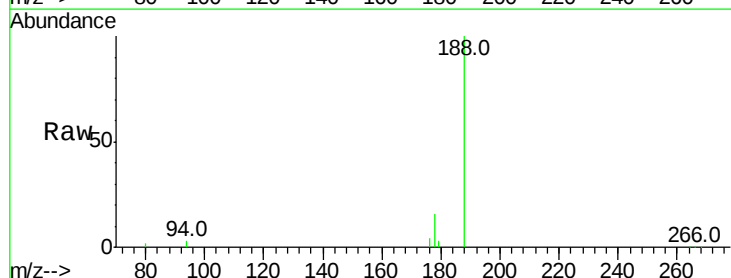
RT: 17.38 min Scan# 2436

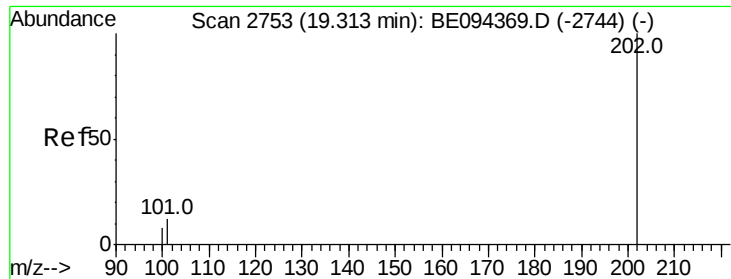
Delta R.T. -0.02 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	18.1	27.1#
176	23.4	14.7	22.1#





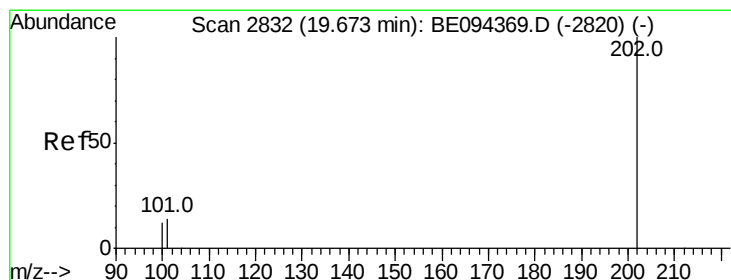
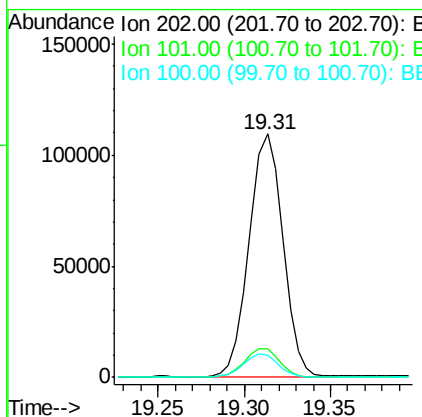
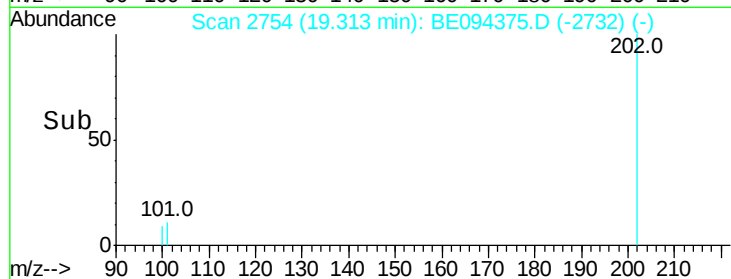
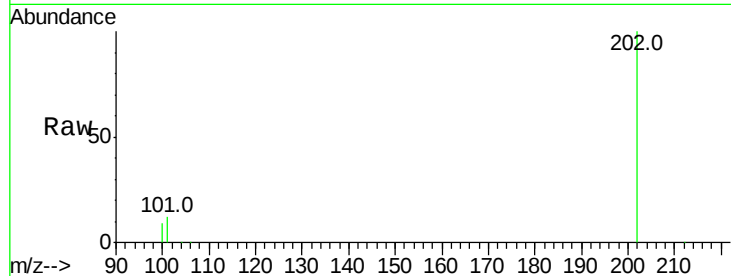
#15
Fluoranthene
Concen: 3.671 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Instrument :
BNA_E
ClientSampleId :
C0AB2

Tot Ion:	202	Resp:	147722
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5

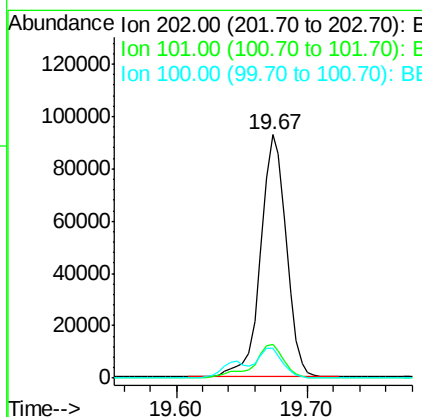
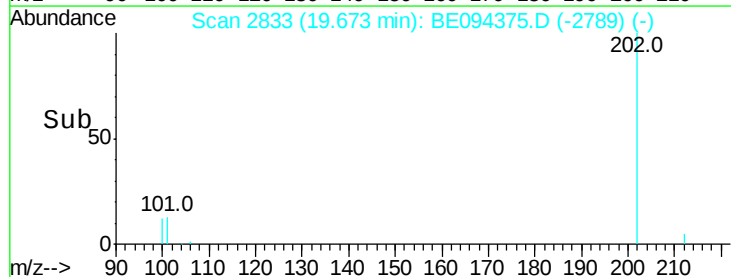
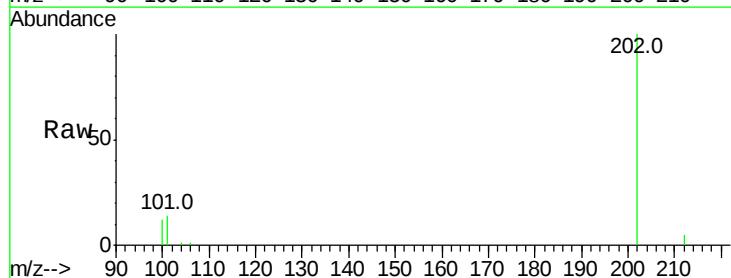
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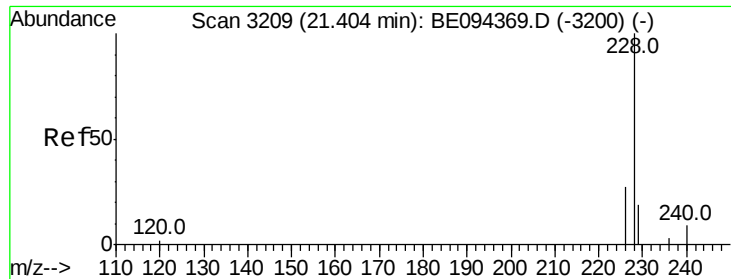
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#17
Pyrene
Concen: 4.030 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Tgt Ion:	202	Resp:	125906
Ion Ratio	Lower	Upper	
202	100		
101	13.6	18.2	27.4#
100	12.1	15.6	23.4#





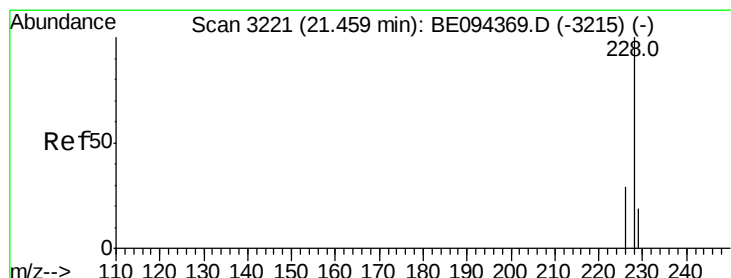
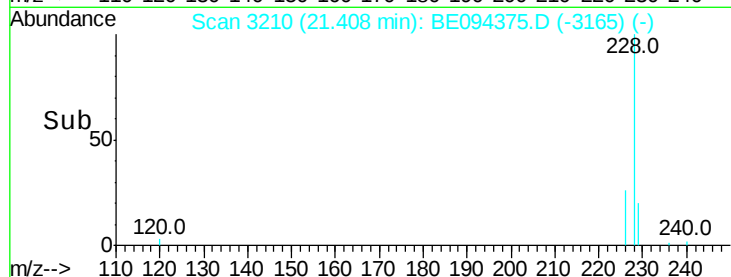
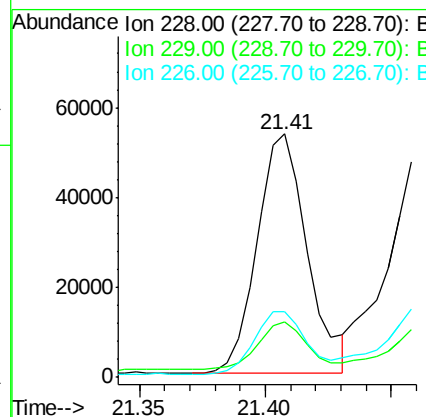
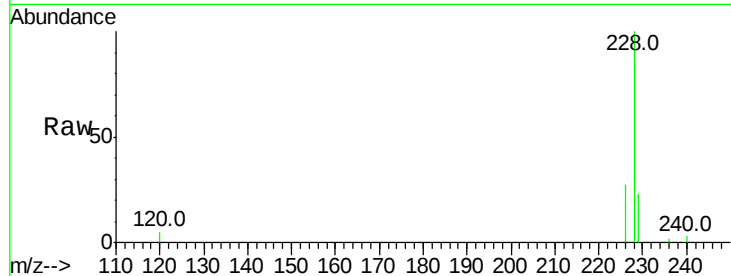
#18
Benzo(a)anthracene
Concen: 2.465 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Instrument :
BNA_E
ClientSampleId :
C0AB2

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.5	22.8	34.2#
226	27.0	17.0	25.6#

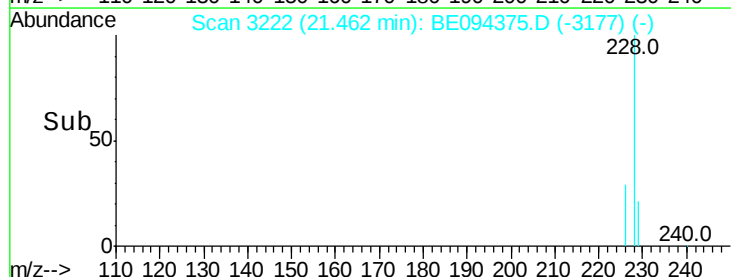
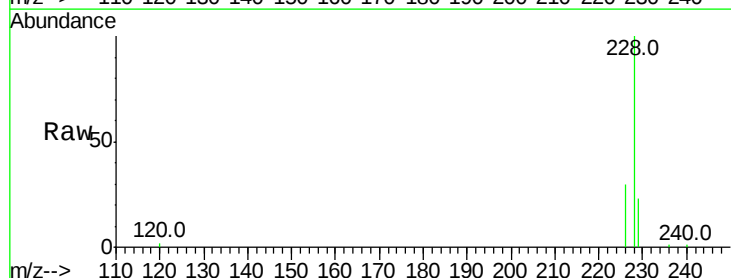
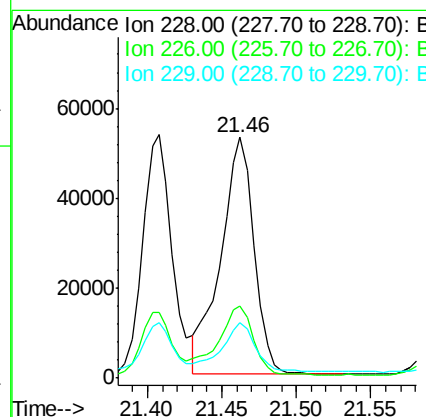
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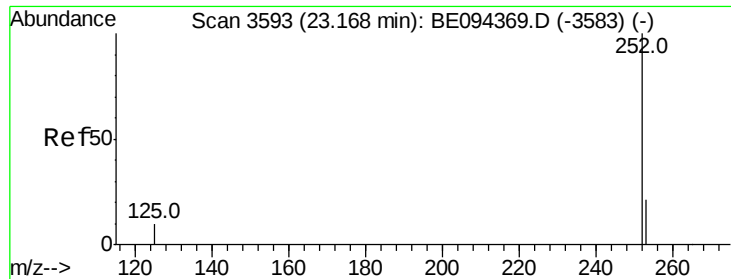
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#19
Chrysene
Concen: 2.369 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.8	17.7	26.5





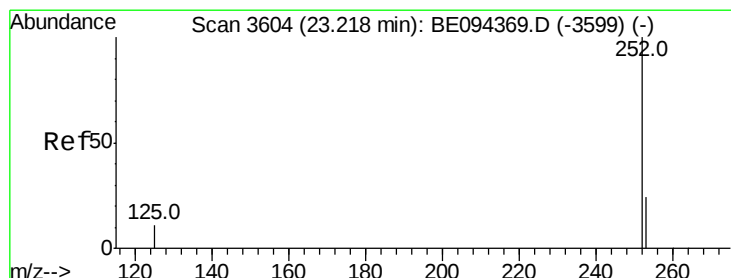
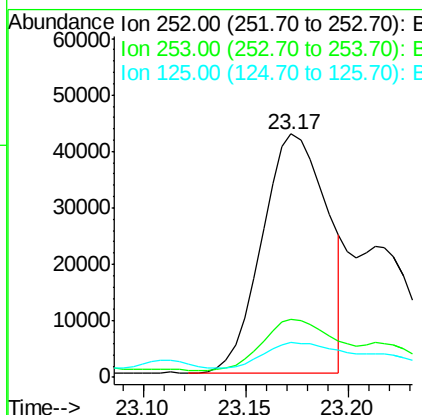
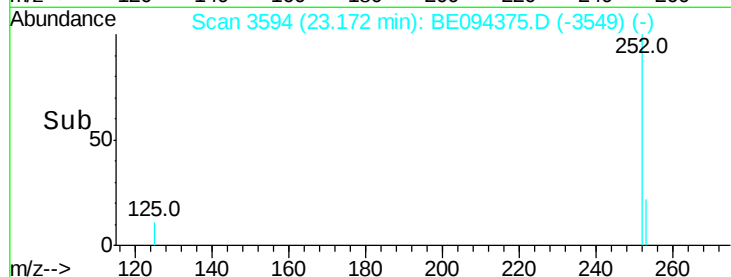
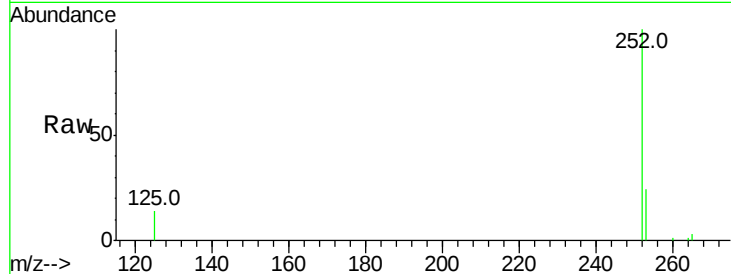
#21
Benzo(b)fluoranthene
Concen: 3.347 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. 0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Instrument :
BNA_E
ClientSampleId :
C0AB2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	0.0	64.2
125	14.2	0.0	35.0

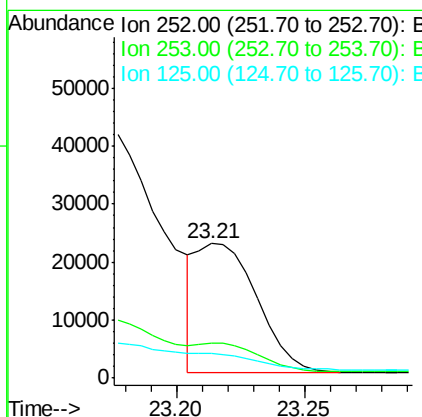
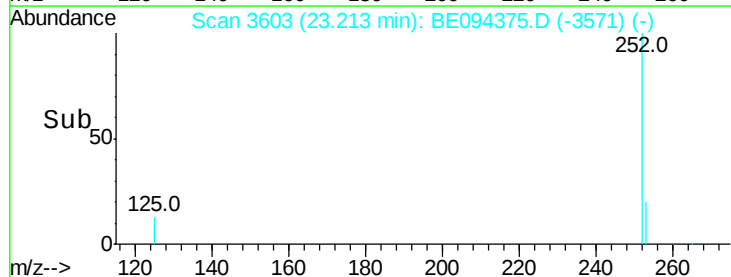
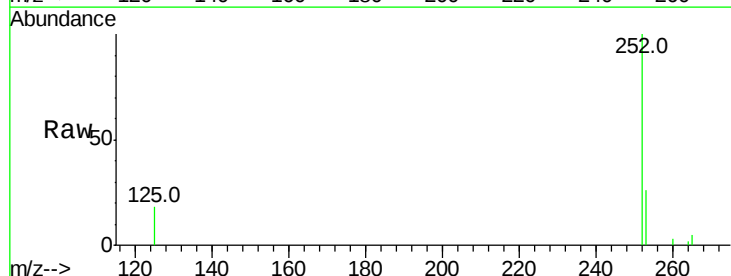
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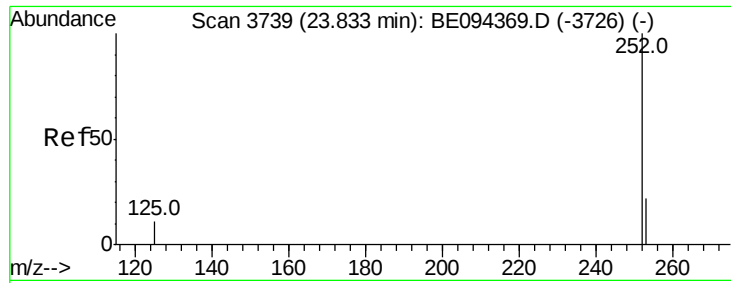
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#22
Benzo(k)fluoranthene
Concen: 1.134 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.3	24.5	36.7
125	18.3	13.7	20.5





#23

Benzo(a)pyrene

Concen: 2.324 ng/ul m

RT: 23.83 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

Instrument :

BNA_E

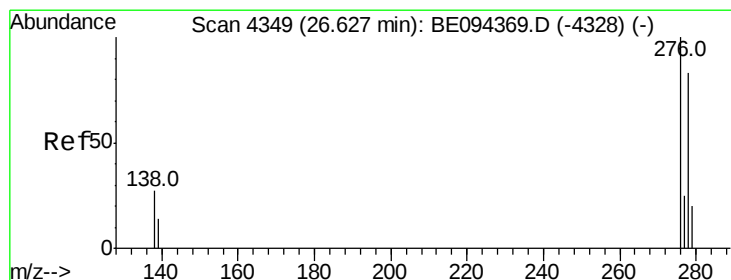
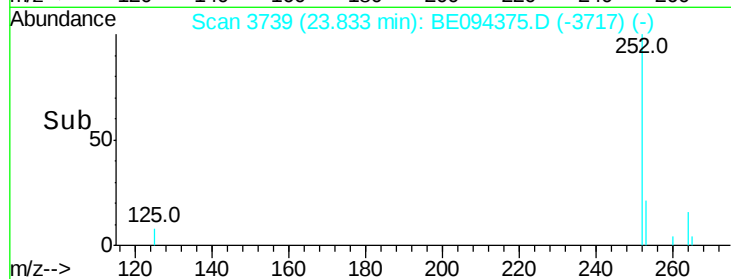
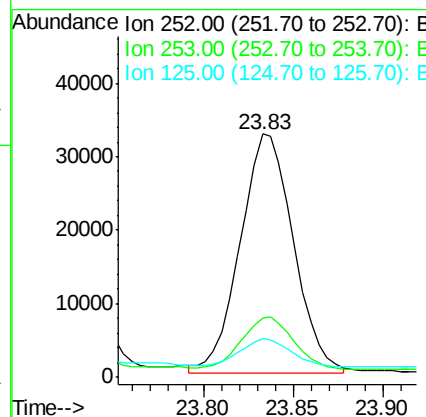
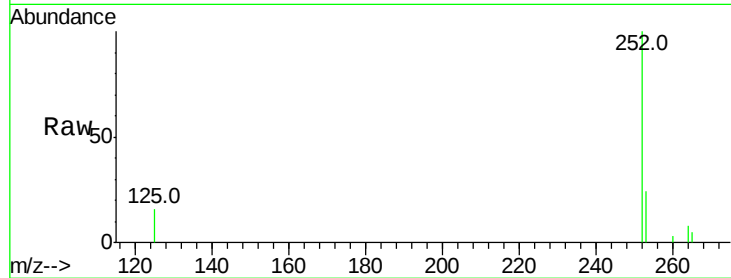
ClientSampleId :

C0AB2

Tot Ion:	252	Resp:	66991
Ion Ratio	Lower	Upper	
252	100		
253	24.3	28.5	42.7#
125	15.7	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.546 ng/ul m

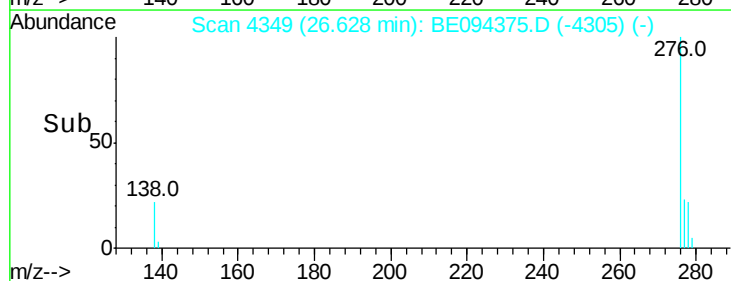
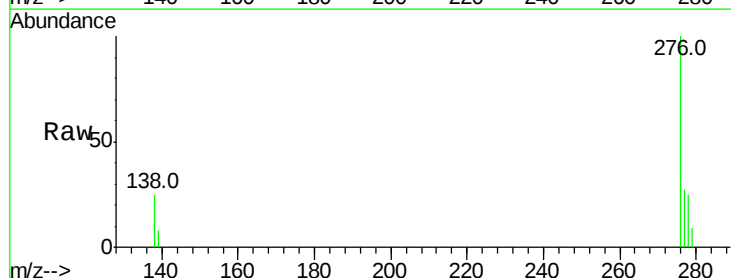
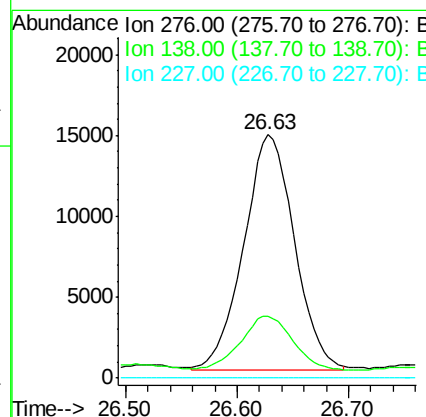
RT: 26.63 min Scan# 4349

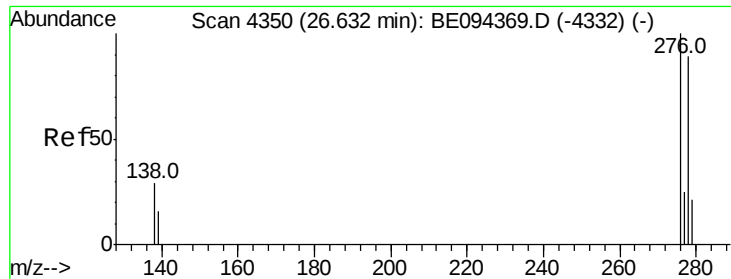
Delta R.T. 0.00 min

Lab File: BE094375.D

Acq: 15 Oct 2017 3:23

Tgt Ion:	276	Resp:	45572
Ion Ratio	Lower	Upper	
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#





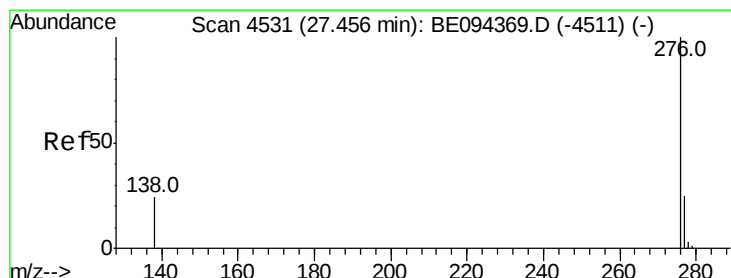
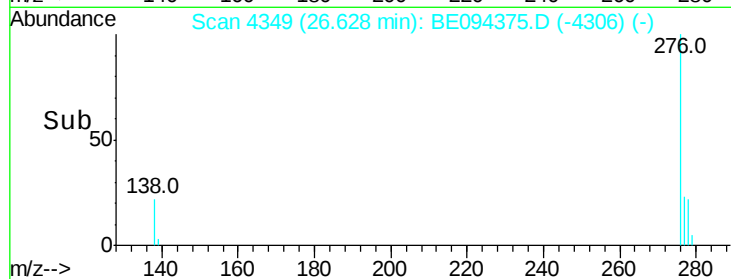
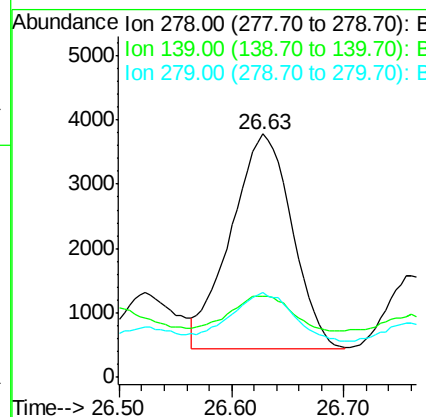
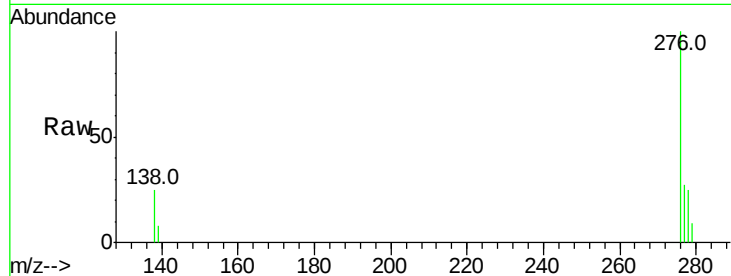
#25
Dibenzo(a,h)anthracene
Concen: 0.508 ng/ul m
RT: 26.63 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Instrument :
BNA_E
ClientSampleId :
C0AB2

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.1	17.4	26.0#
279	34.8	25.9	38.9

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:38 PM



#26
Benzo(g,h,i)perylene
Concen: 1.425 ng/ul m
RT: 27.46 min Scan# 4531
Delta R.T. 0.00 min
Lab File: BE094375.D
Acq: 15 Oct 2017 3:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.8
277	27.6	20.5	30.7

