

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094331.D
 Acq On : 13 Oct 2017 20:00
 Operator : SJ/JU
 Sample : I5568-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-51(5-7)-092817

Manual Integrations
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Quant Time: Oct 14 04:10:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1620	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4734	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9651	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9068	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9778m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	3535	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	8093	0.25	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	135257	7.00	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	44341	3.54	ng/ul	99
7) Acenaphthylene	14.26	152	45417	2.46	ng/ul	97
8) Acenaphthene	14.60	153	9451	0.62	ng/ul	98
9) Fluorene	15.58	166	11239	0.63	ng/ul	92
12) Phenanthrene	17.31	178	238757	9.47	ng/ul#	89
13) Anthracene	17.40	178	84592	3.45	ng/ul#	89
15) Fluoranthene	19.33	202	629941	19.01	ng/ul	84
17) Pyrene	19.69	202	805750	31.94	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	373390	15.52	ng/ul#	87
19) Chrysene	21.48	228	350670	12.62	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	331142	12.47	ng/ul	87
22) Benzo(k)fluoranthene	23.24	252	121667m	3.96	ng/ul	
23) Benzo(a)pyrene	23.87	252	282446m	10.23	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	152654m	5.41	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	47544m	2.01	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	128851m	5.29	ng/ul	

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

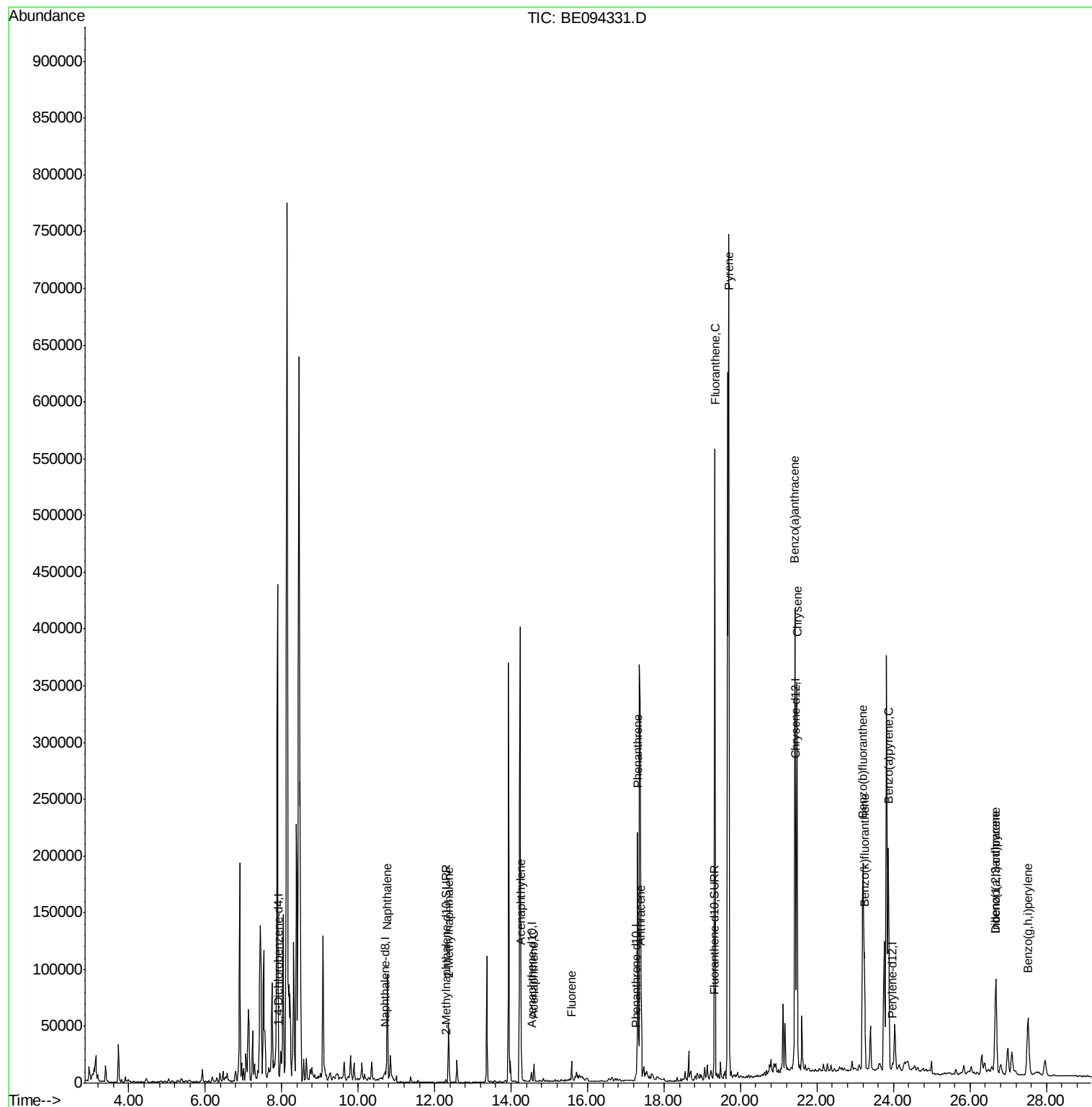
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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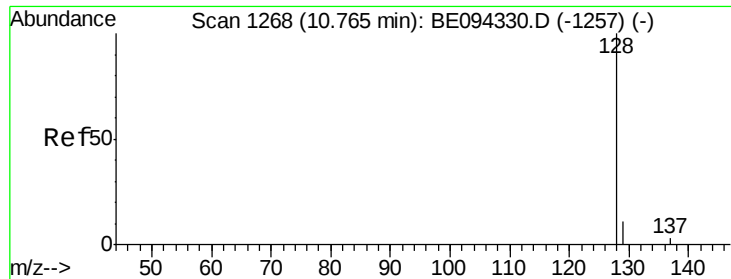
Instrument :
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B-51(5-7)-092817

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#3

Naphthalene

Concen: 7.00 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

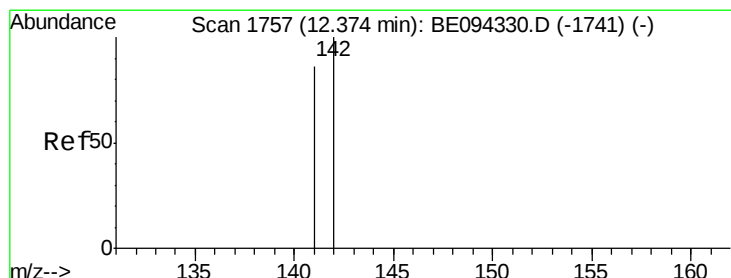
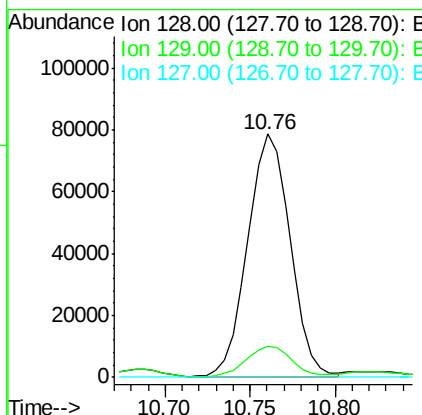
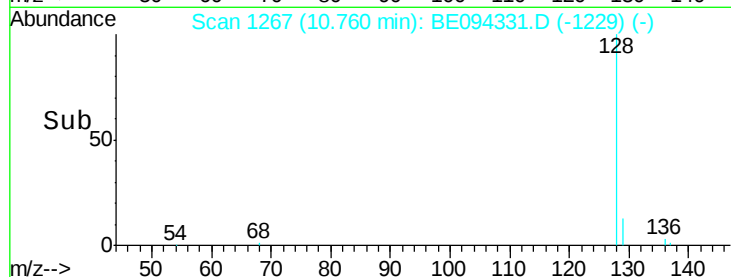
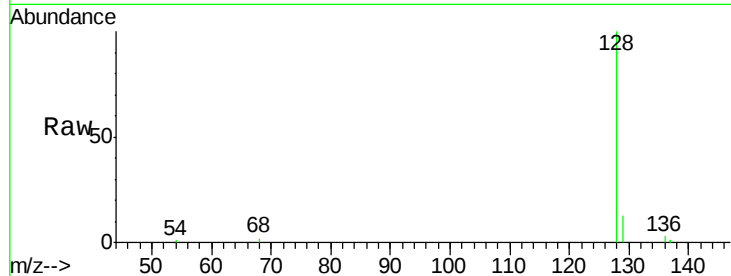
ClientSampled :

B-51(5-7)-092817

Tgt Ion:	128	Resp:	135257
Ion Ratio	Lower	Upper	
128	100		
129	13.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 3.54 ng/ul

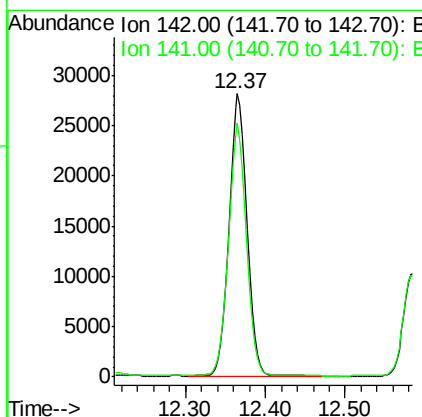
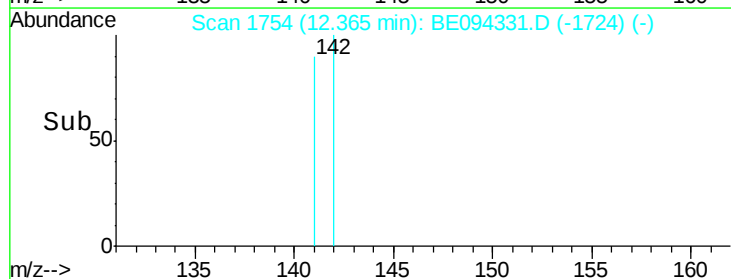
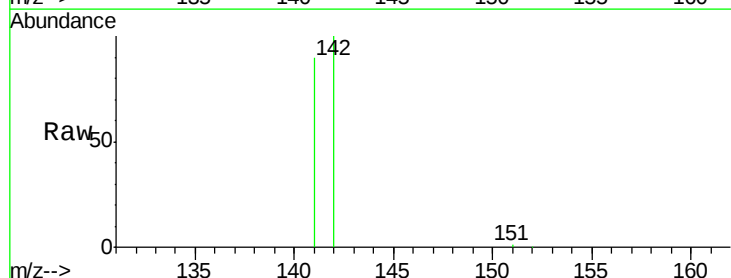
RT: 12.37 min Scan# 1754

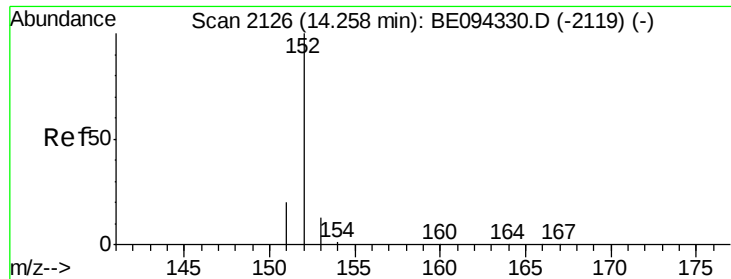
Delta R.T. -0.01 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Tgt Ion:	142	Resp:	44341
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 2.46 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

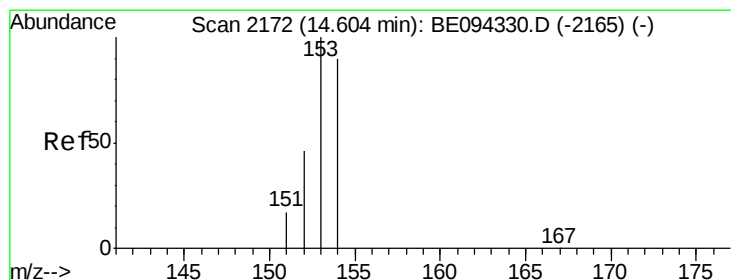
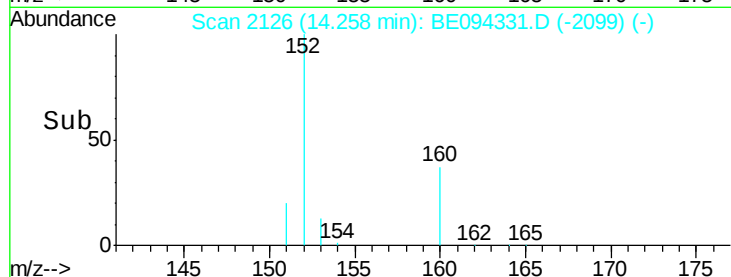
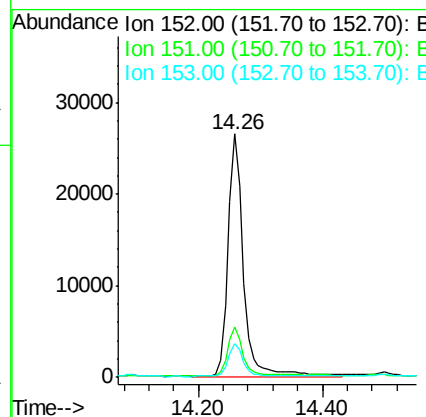
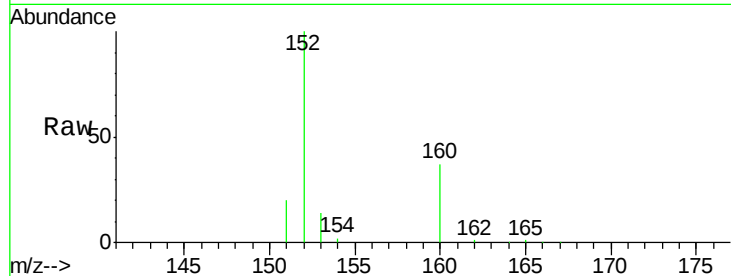
ClientSampleId :

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Tgt Ion:	152	Resp:	45417
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.62 ng/ul

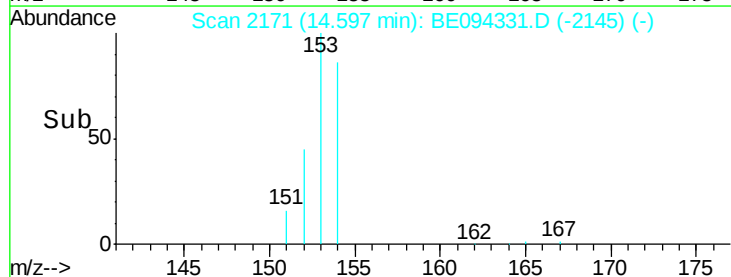
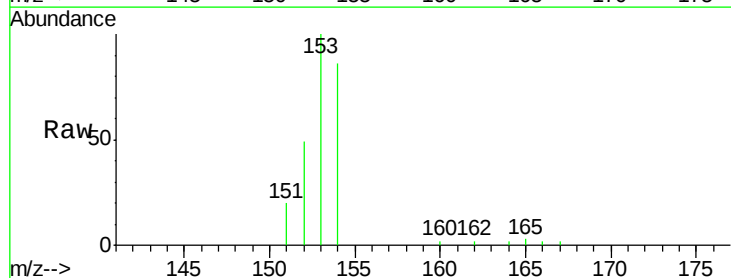
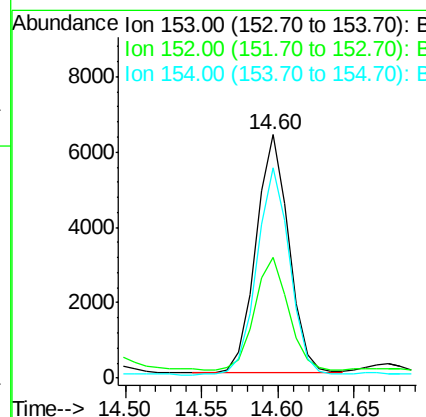
RT: 14.60 min Scan# 2171

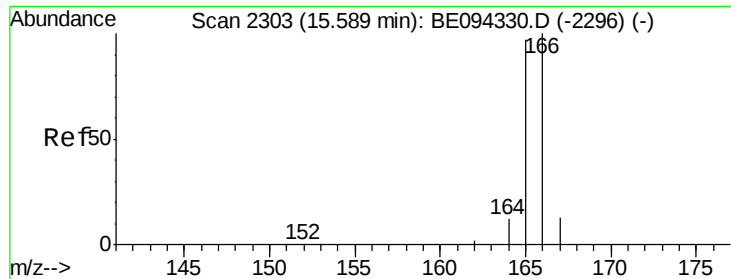
Delta R.T. -0.01 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Tgt Ion:	153	Resp:	9451
Ion Ratio	Lower	Upper	
153	100		
152	49.4	40.3	60.5
154	86.5	71.4	107.2





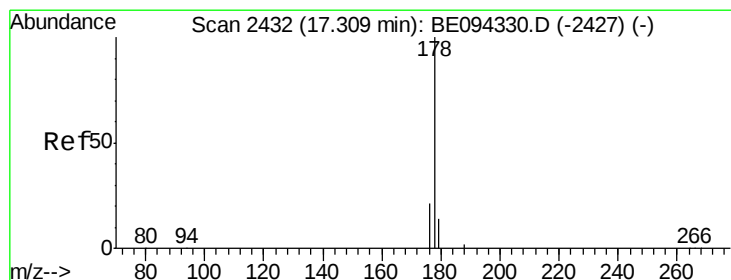
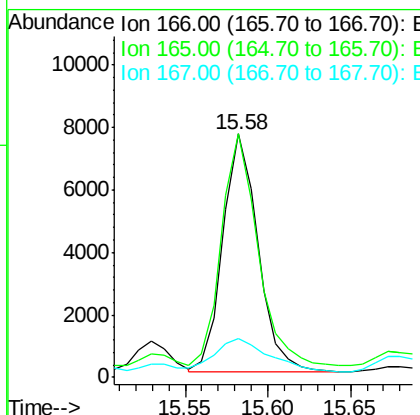
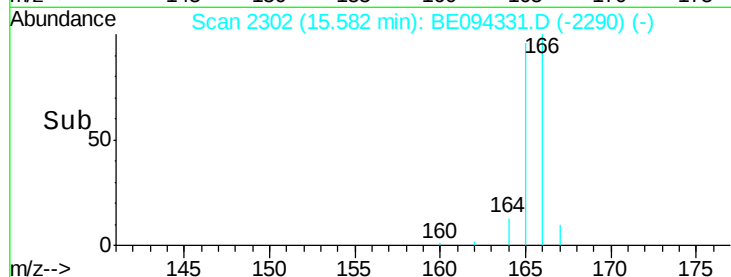
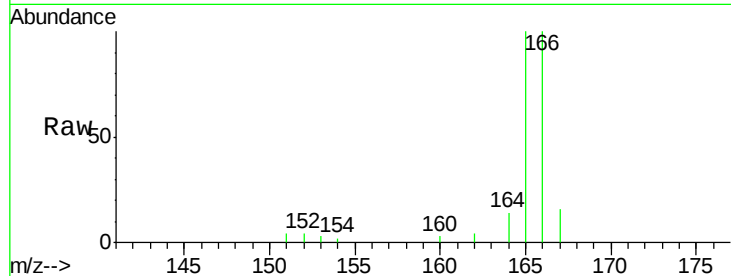
#9
Fluorene
 Concen: 0.63 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	73.4	110.2
167	16.2	14.6	22.0

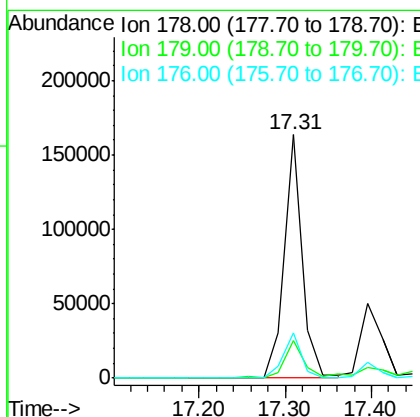
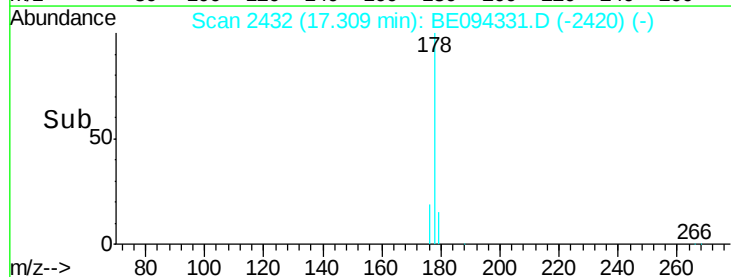
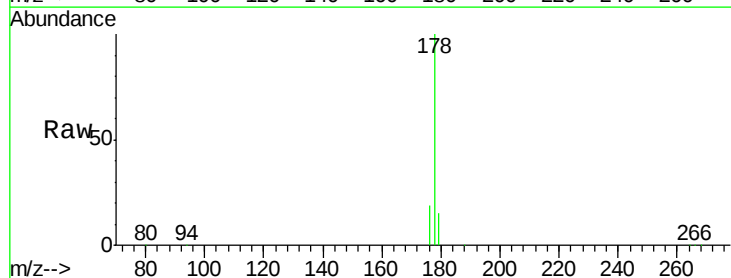
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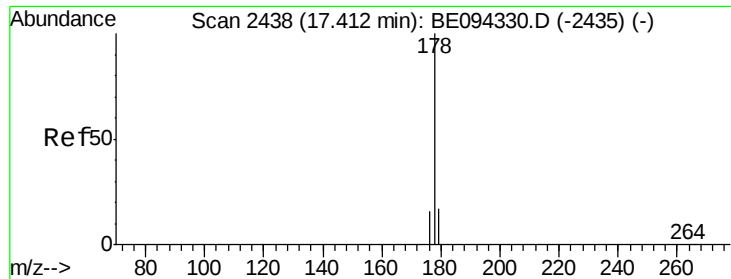
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#12
Phenanthrene
 Concen: 9.47 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.8	13.6	20.4





#13

Anthracene

Concen: 3.45 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

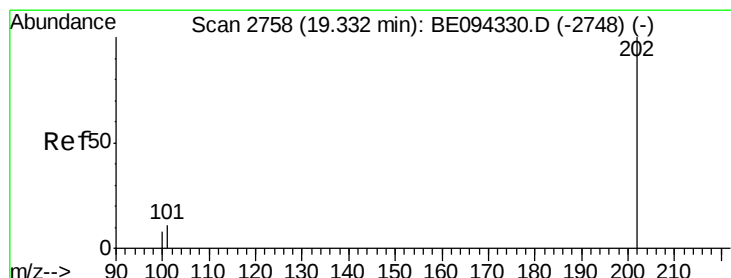
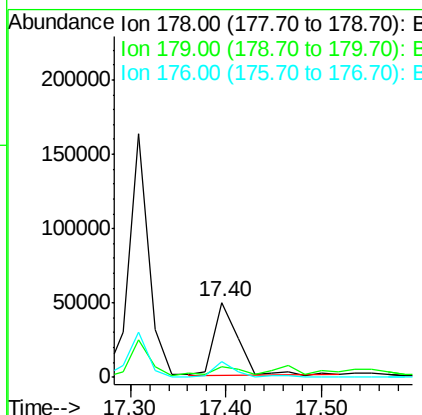
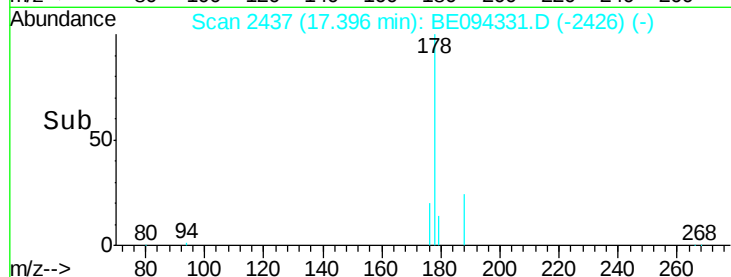
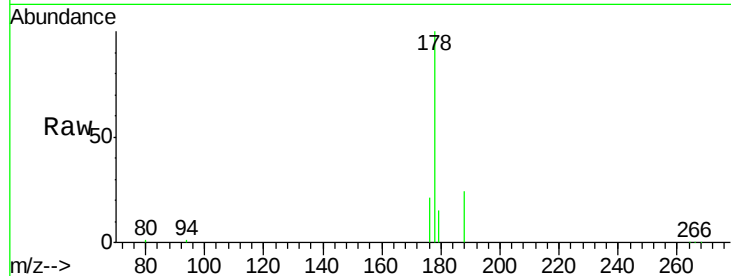
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.1	27.1#
176	20.5	14.7	22.1

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#15

Fluoranthene

Concen: 19.01 ng/ul

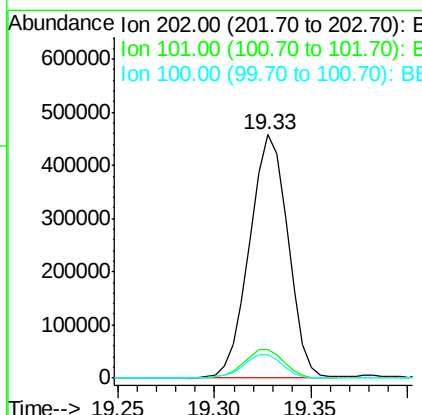
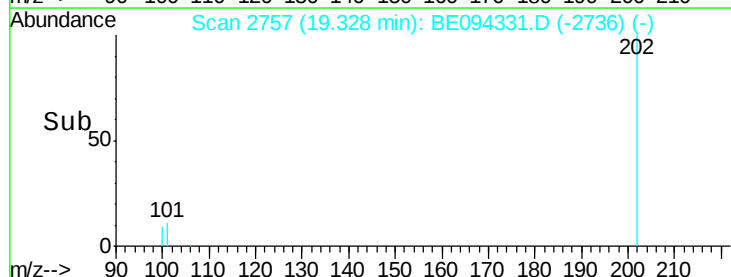
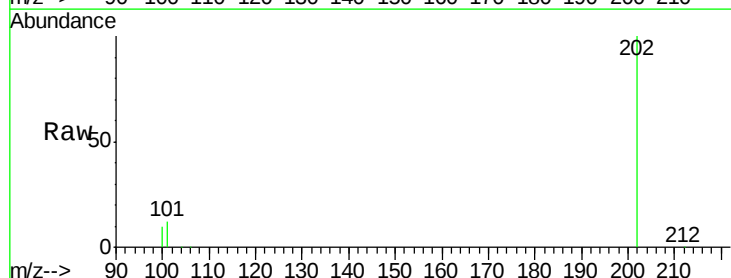
RT: 19.33 min Scan# 2757

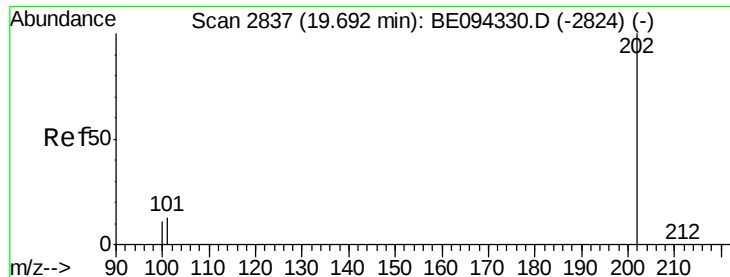
Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.6	0.0	39.5





#17

Pyrene

Concen: 31.94 ng/ul

RT: 19.69 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

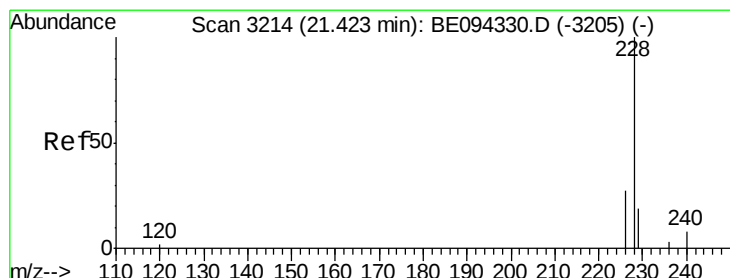
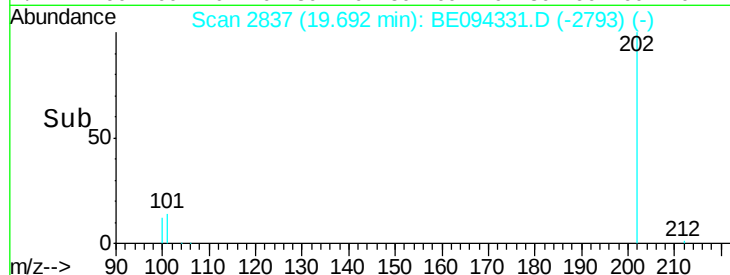
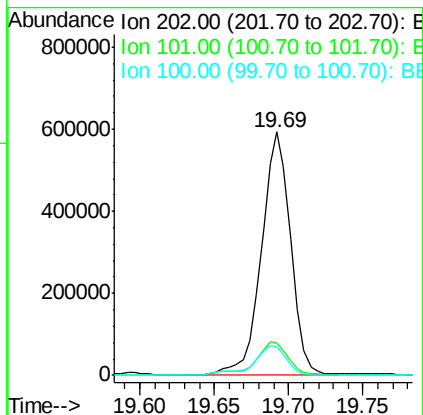
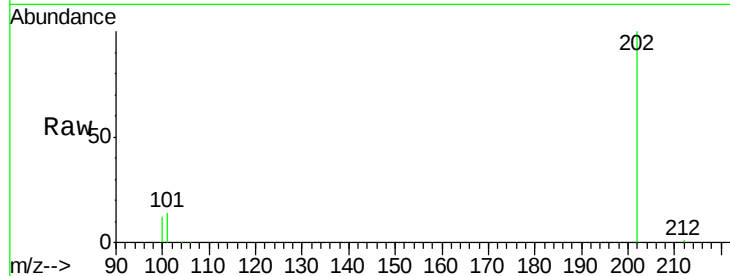
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Tgt Ion:	202	Resp:	805750
Ion Ratio	Lower	Upper	
202	100		
101	13.6	18.2	27.4#
100	11.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 15.52 ng/ul

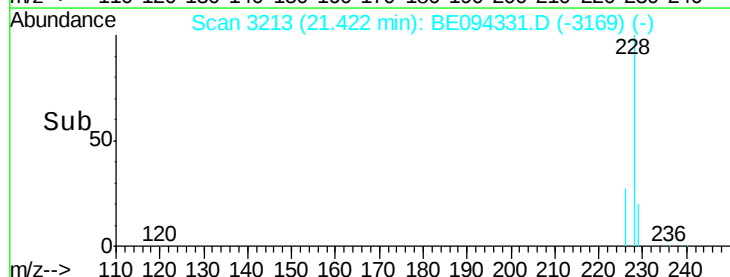
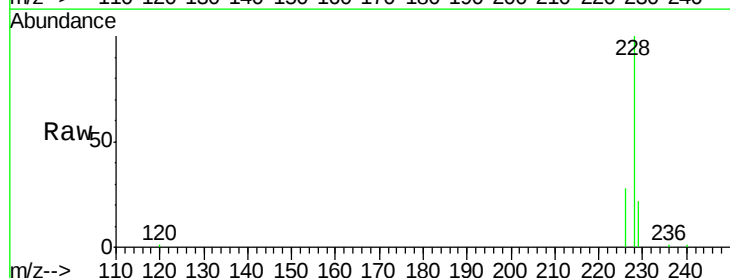
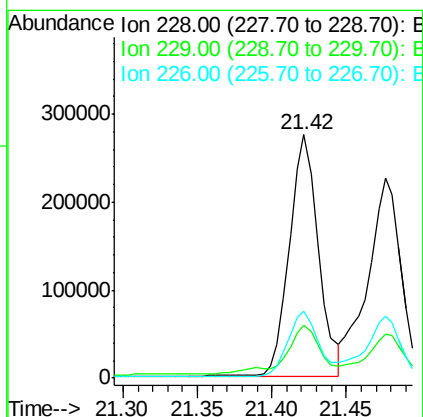
RT: 21.42 min Scan# 3213

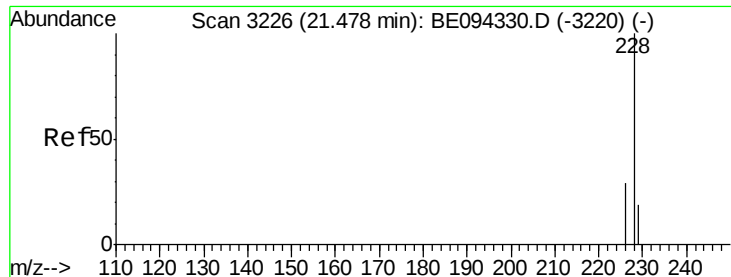
Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Tgt Ion:	228	Resp:	373390
Ion Ratio	Lower	Upper	
228	100		
229	21.7	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 12.62 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

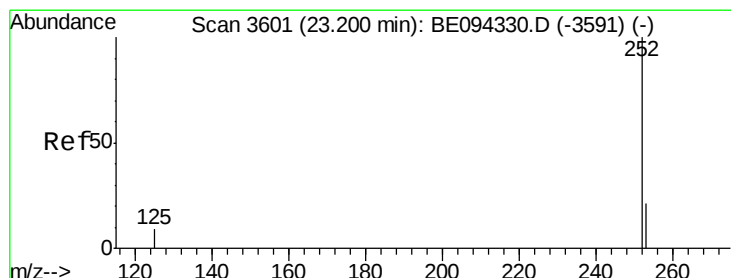
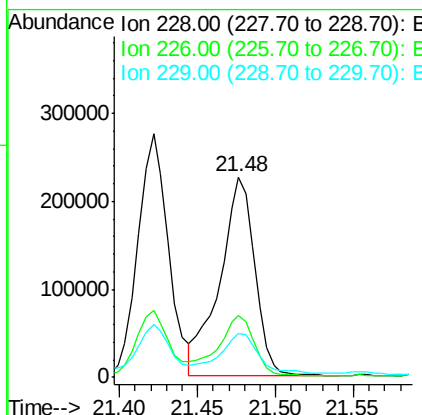
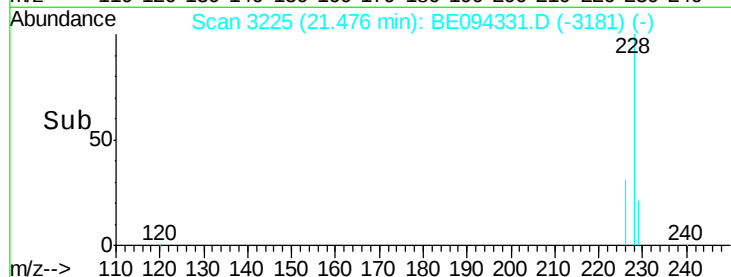
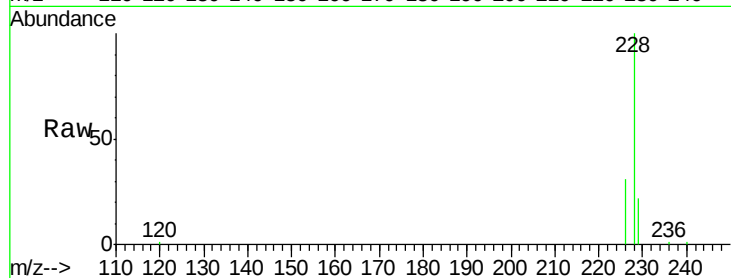
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Tgt Ion:	228	Resp:	350670
Ion Ratio		Lower	Upper
228	100		
226	31.1	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 12.47 ng/ul

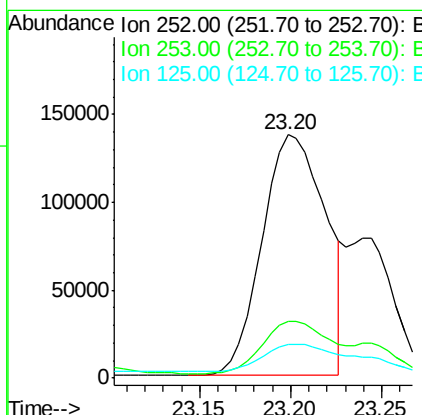
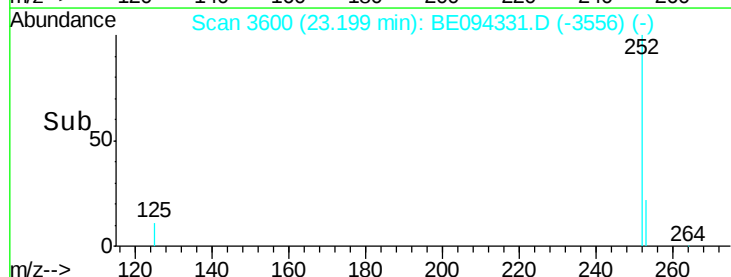
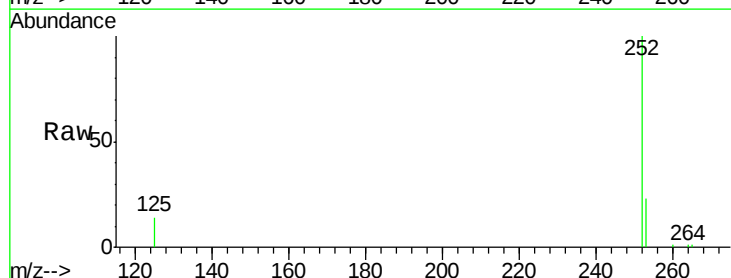
RT: 23.20 min Scan# 3600

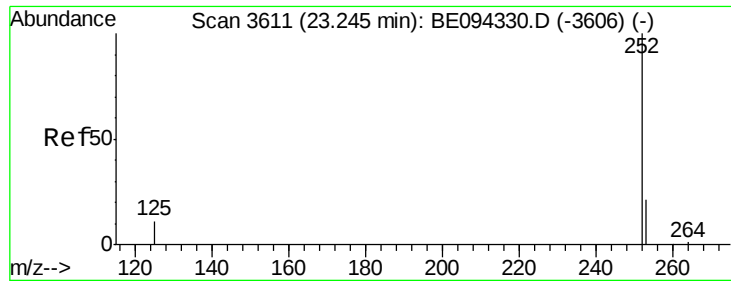
Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Tgt Ion:	252	Resp:	331142
Ion Ratio		Lower	Upper
252	100		
253	23.4	0.0	64.2
125	13.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.96 ng/ul m

RT: 23.24 min Scan# 3610

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

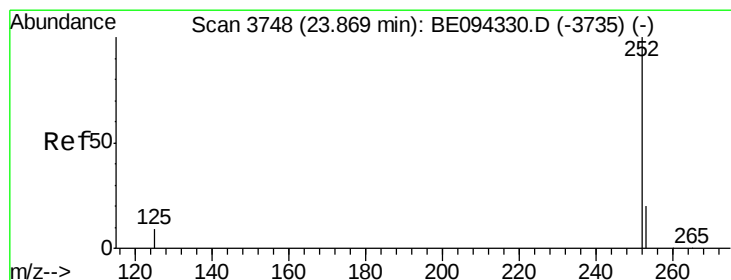
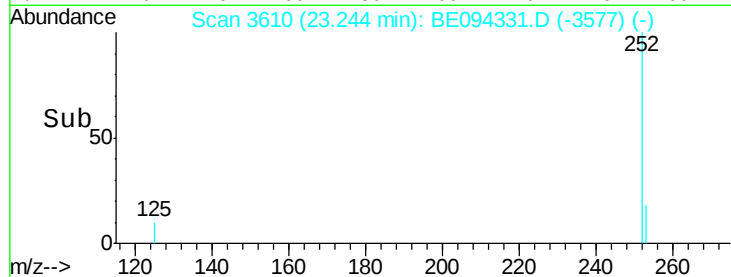
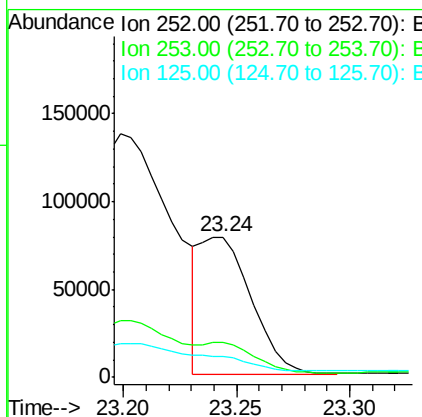
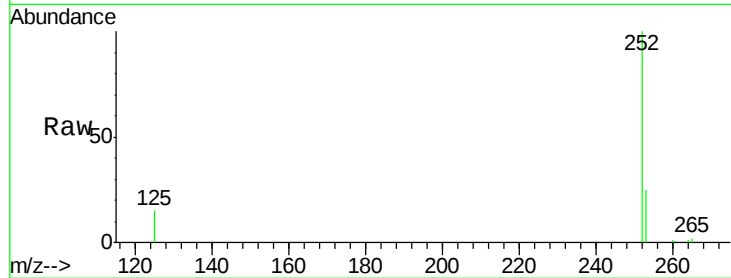
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Tgt Ion:	252	Resp:	121667
Ion Ratio	Lower	Upper	
252	100		
253	24.9	24.5	36.7
125	14.9	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 10.23 ng/ul m

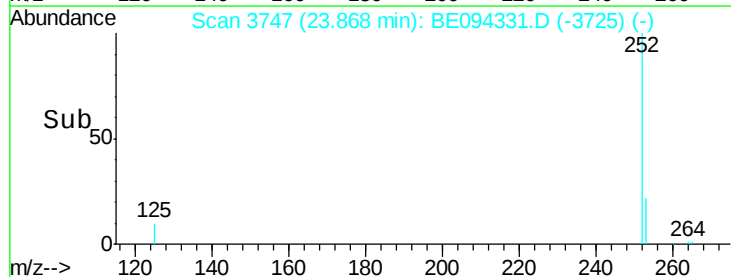
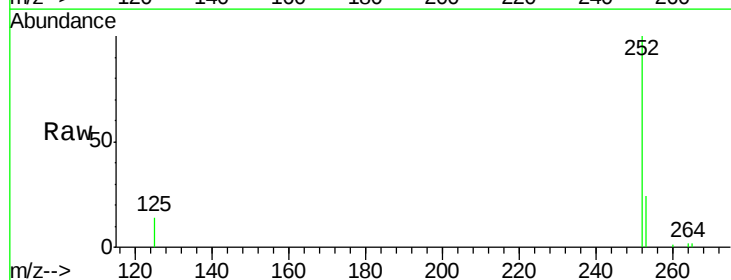
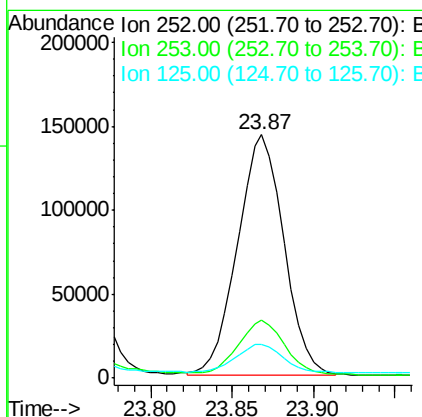
RT: 23.87 min Scan# 3747

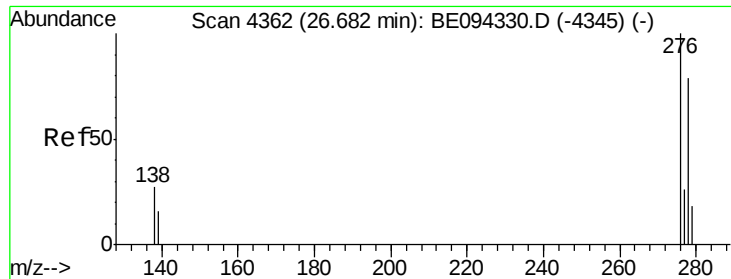
Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Tgt Ion:	252	Resp:	282446
Ion Ratio	Lower	Upper	
252	100		
253	23.8	28.5	42.7#
125	13.9	18.1	27.1#





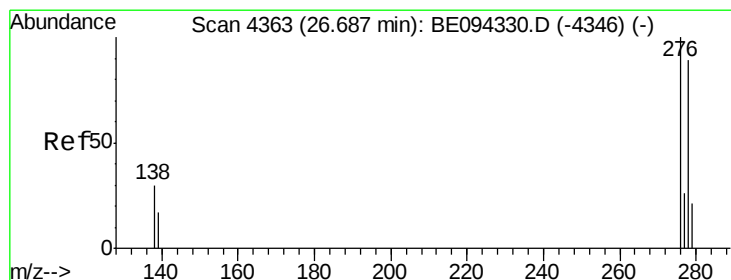
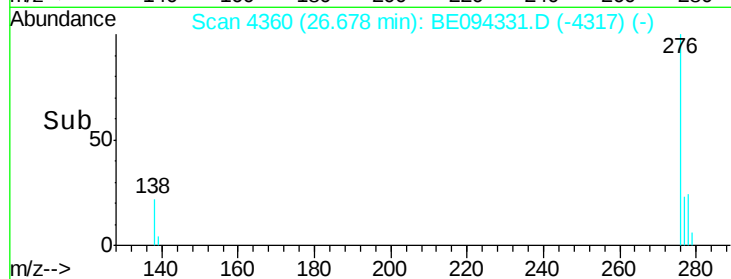
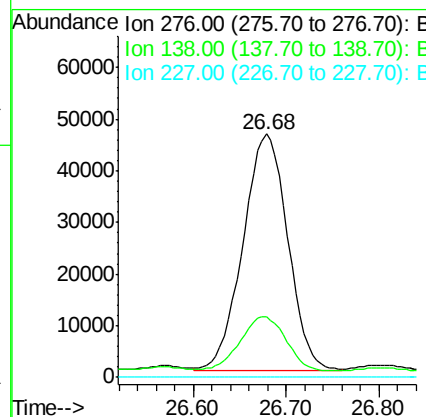
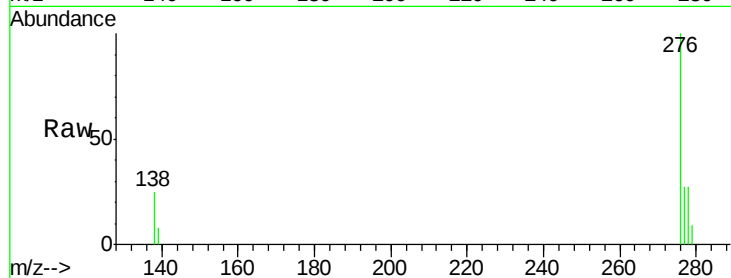
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.41 ng/ul m
 RT: 26.68 min Scan# 4360
 Delta R.T. -0.00 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

Instrument :
 BNA_E
 ClientSampleId :
 B-51(5-7)-092817

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

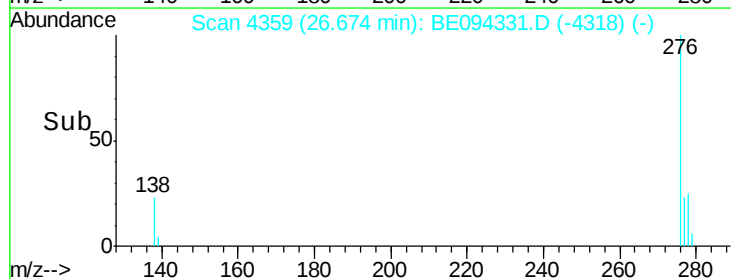
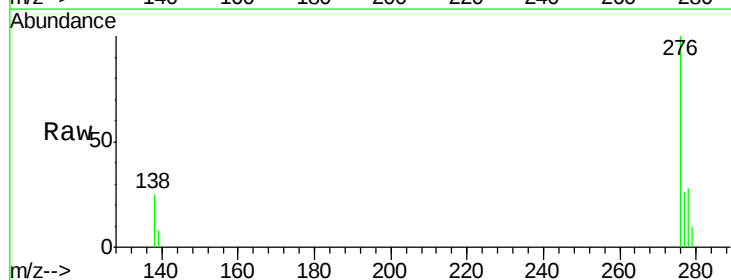
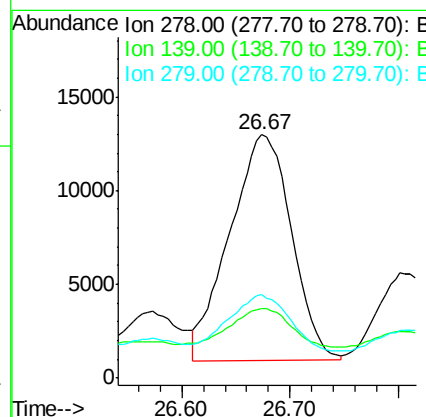
Manual Integrations
 APPROVED

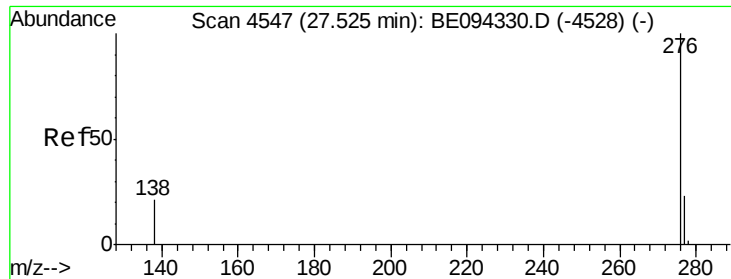
Sohil
 10/16/2017 8:22:53 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.01 ng/ul m
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.01 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	28.6	17.4	26.0#
279	34.1	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 5.29 ng/ul m
 RT: 27.52 min Scan# 4545
 Delta R.T. -0.00 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

Instrument :
 BNA_E
 ClientSampleId :
 B-51(5-7)-092817

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		128851		
138	25.3	21.8	32.8		
277	26.5	20.5	30.7		

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:22:53 PM

