

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094327.D
 Acq On : 13 Oct 2017 16:31
 Operator : SJ/JU
 Sample : I5568-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-75(0-1)-092917DL

Manual Integrations
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Sohil
 10/16/2017 8:22:45 PM

Quant Time: Oct 15 02:54:24 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 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1466	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7401	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4162	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	9090	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9620	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	8305	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	720	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1691	0.06	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.77	128	2267	0.13	ng/ul#	88
5) 2-Methylnaphthalene	12.37	142	1197	0.10	ng/ul	95
7) Acenaphthylene	14.27	152	890	0.05	ng/ul#	72
8) Acenaphthene	14.60	153	662	0.05	ng/ul	93
9) Fluorene	15.59	166	925	0.06	ng/ul#	84
12) Phenanthrene	17.31	178	16889	0.71	ng/ul#	88
13) Anthracene	17.41	178	4035	0.17	ng/ul#	85
15) Fluoranthene	19.33	202	30678	0.98	ng/ul	84
17) Pyrene	19.69	202	31752	1.19	ng/ul#	85
18) Benzo(a)anthracene	21.43	228	17255	0.68	ng/ul#	66
19) Chrysene	21.48	228	17469	0.59	ng/ul#	62
21) Benzo(b)fluoranthene	23.20	252	24102m	1.07	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	8330m	0.32	ng/ul	
23) Benzo(a)pyrene	23.87	252	16895	0.72	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.69	276	12983	0.54	ng/ul#	89
26) Benzo(g,h,i)perylene	27.53	276	13879	0.67	ng/ul#	49

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

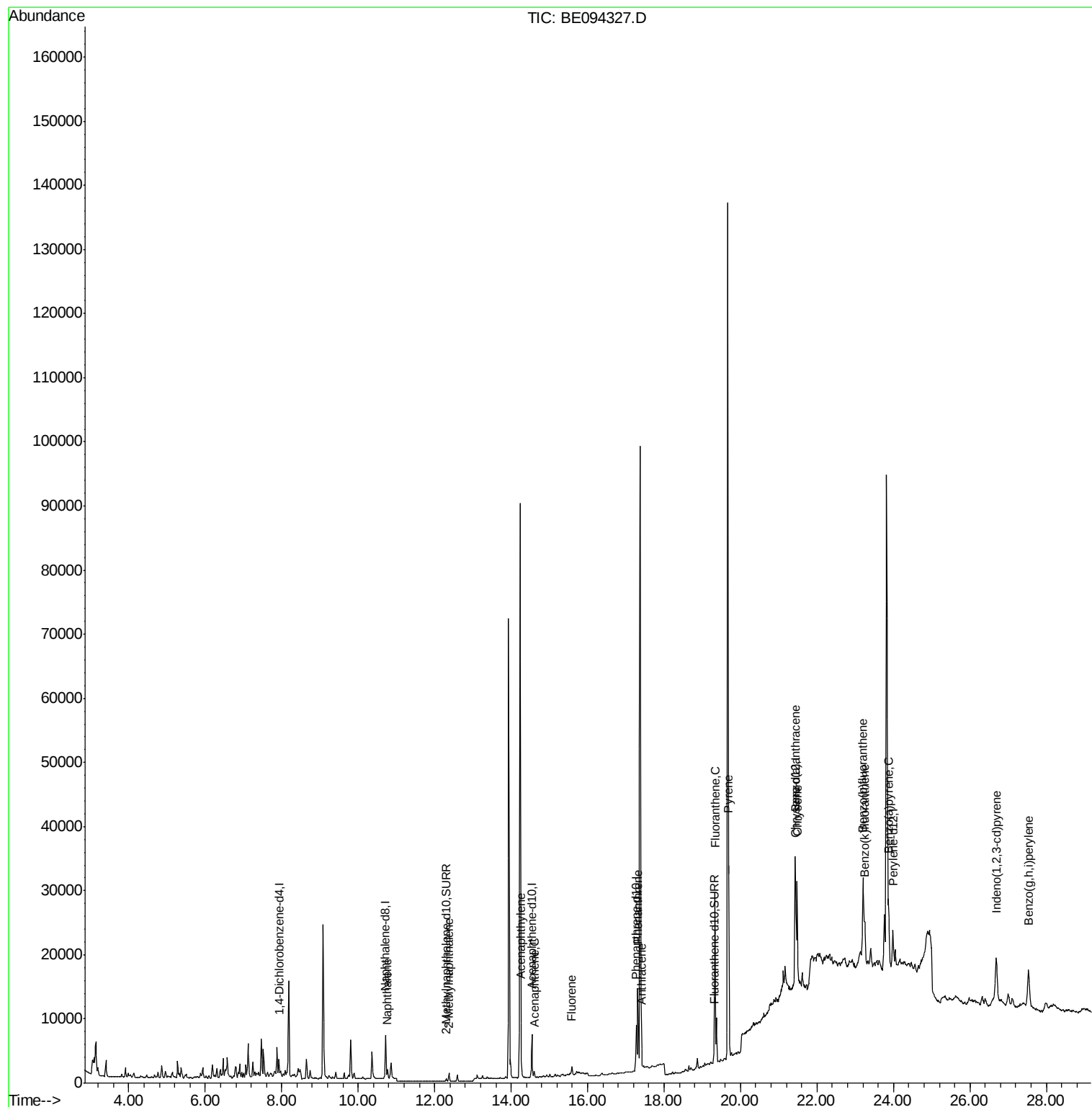
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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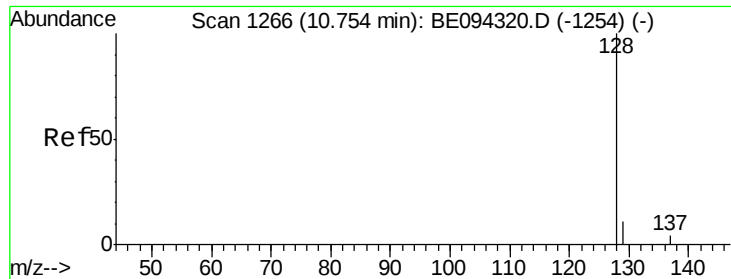
Instrument :
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#3

Naphthalene

Concen: 0.13 ng/ul

RT: 10.77 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

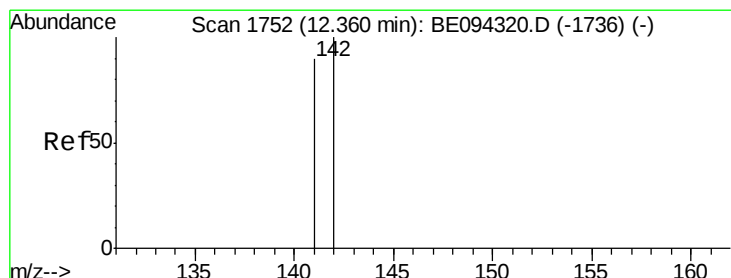
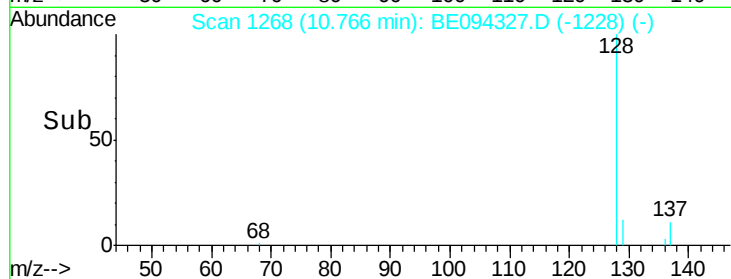
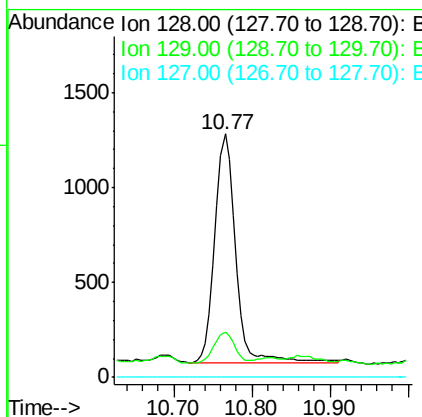
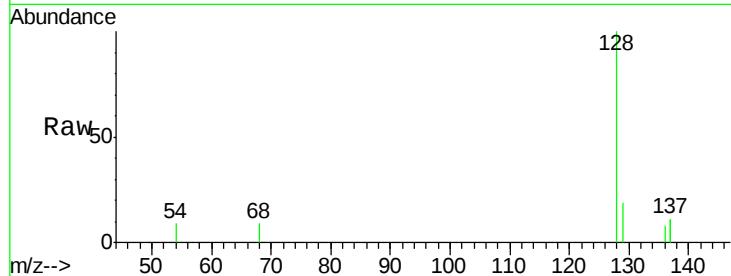
ClientSampleId :

B-75(0-1)-092917DL

Tgt Ion:	128	Resp:	2267
Ion Ratio	Lower	Upper	
128	100		
129	18.7	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.10 ng/ul

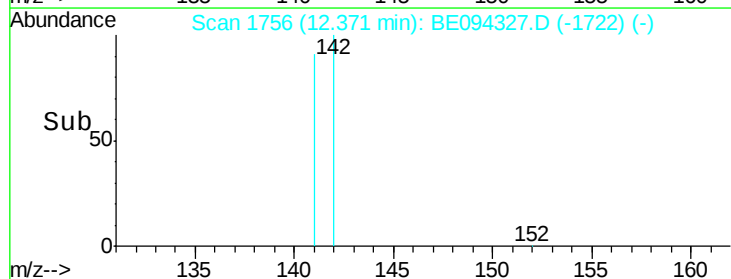
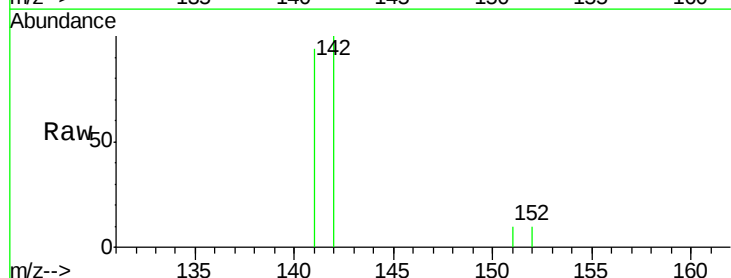
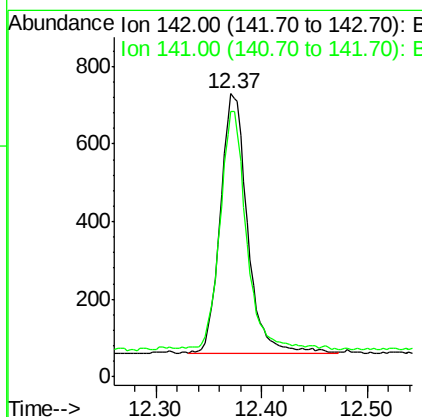
RT: 12.37 min Scan# 1756

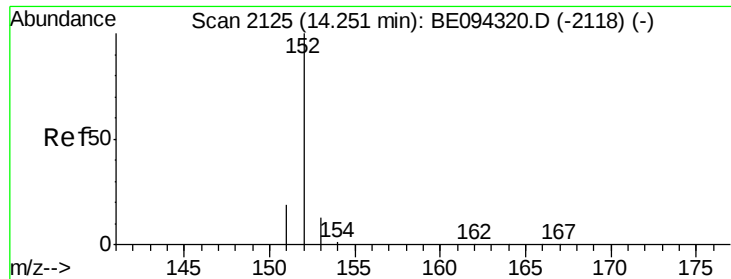
Delta R.T. 0.00 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Tgt Ion:	142	Resp:	1197
Ion Ratio	Lower	Upper	
142	100		
141	85.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

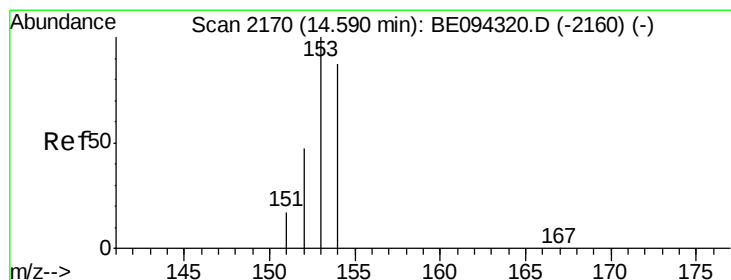
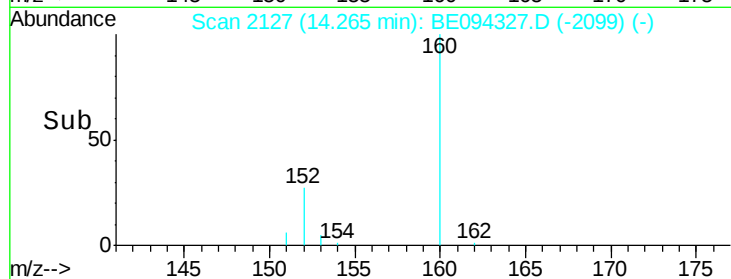
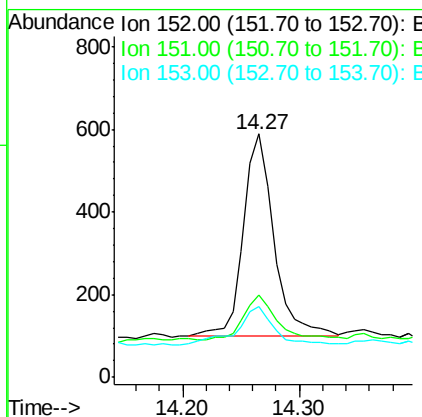
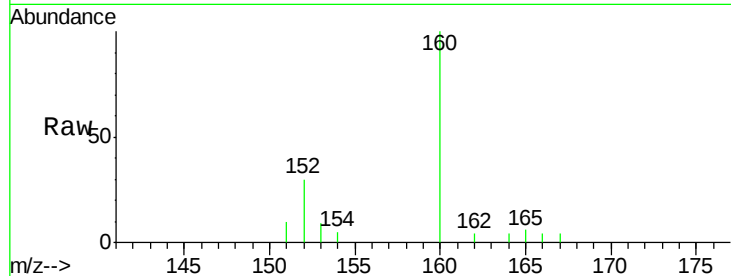
ClientSampleId :

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Tgt Ion:	152	Resp:	890
Ion Ratio	Lower	Upper	
152	100		
151	34.0	17.1	25.7#
153	29.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.05 ng/ul

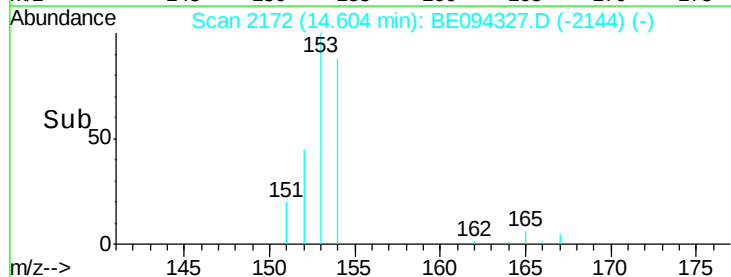
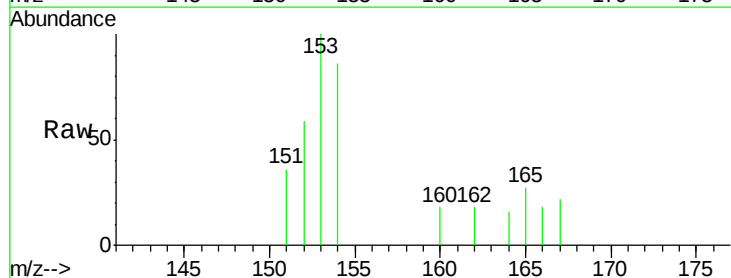
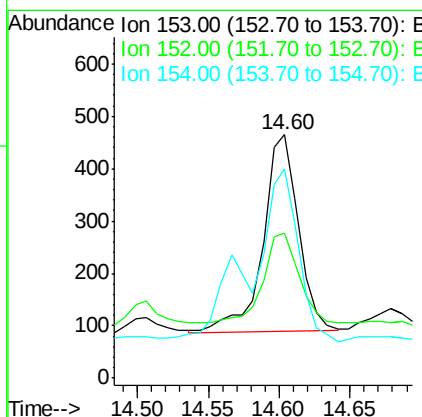
RT: 14.60 min Scan# 2172

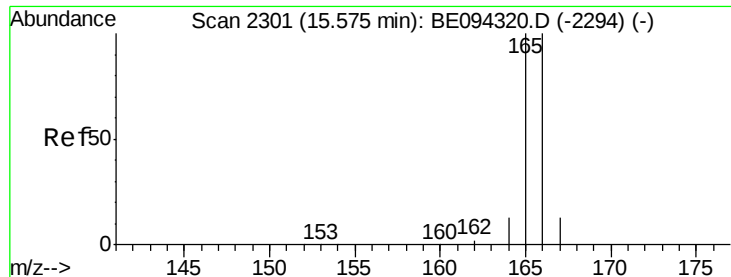
Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Tgt Ion:	153	Resp:	662
Ion Ratio	Lower	Upper	
153	100		
152	59.4	40.3	60.5
154	85.8	71.4	107.2





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

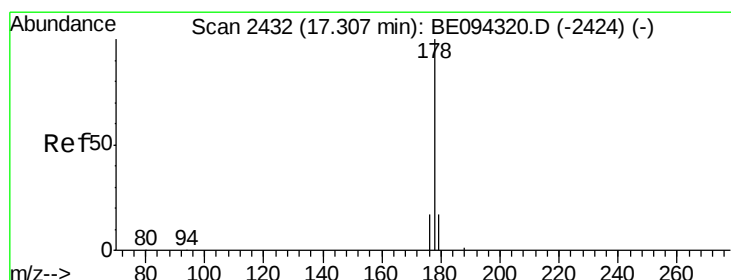
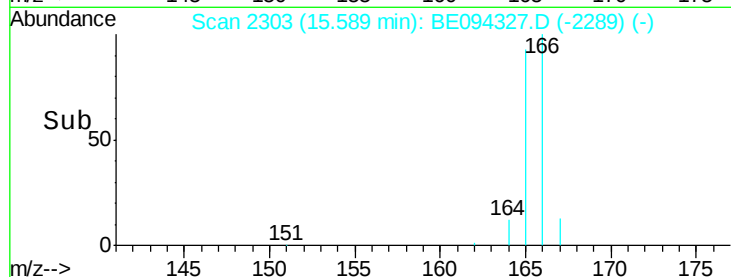
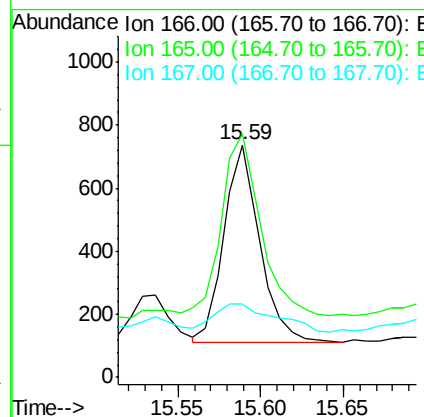
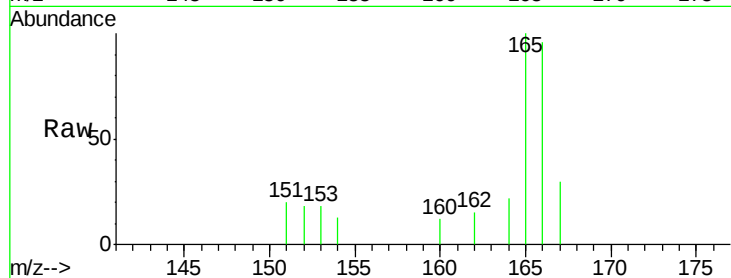
ClientSampleId :

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Tgt Ion:	166	Resp:	925
Ion Ratio	Lower	Upper	
166	100		
165	104.6	73.4	110.2
167	31.7	14.6	22.0#

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#12

Phenanthrene

Concen: 0.71 ng/ul

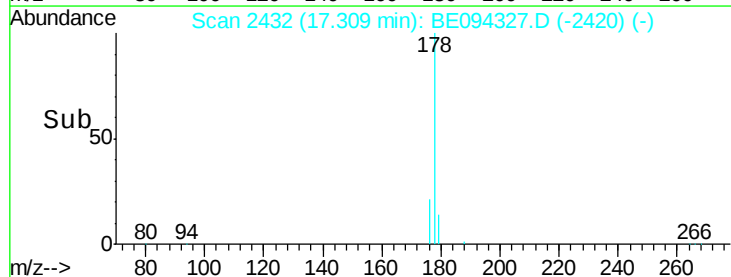
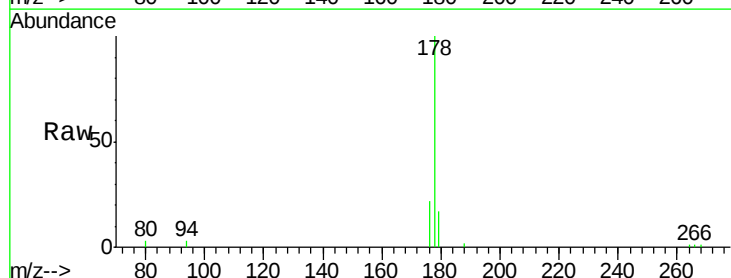
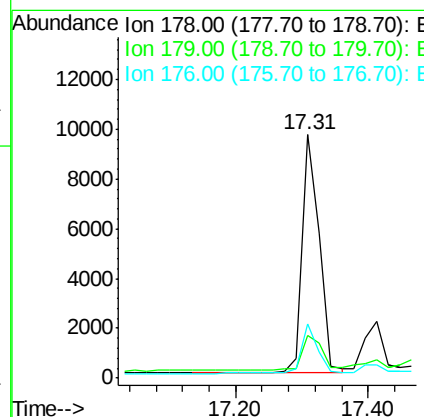
RT: 17.31 min Scan# 2432

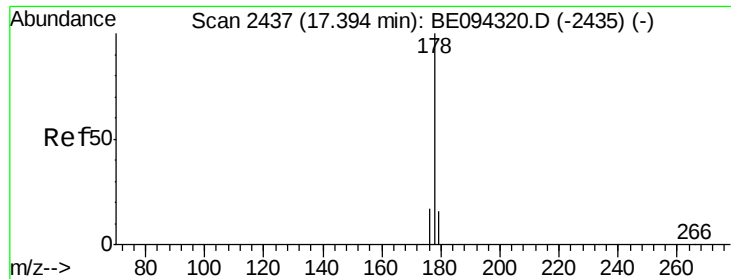
Delta R.T. 0.00 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Tgt Ion:	178	Resp:	16889
Ion Ratio	Lower	Upper	
178	100		
179	17.3	18.4	27.6#
176	22.2	13.6	20.4#





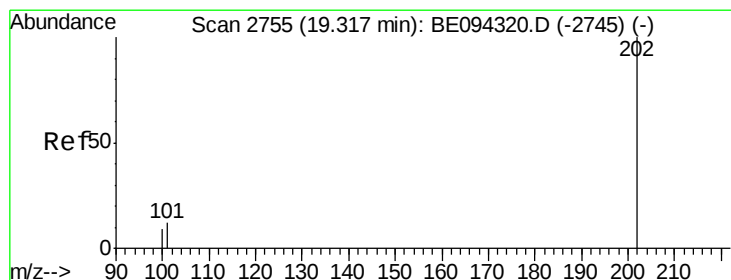
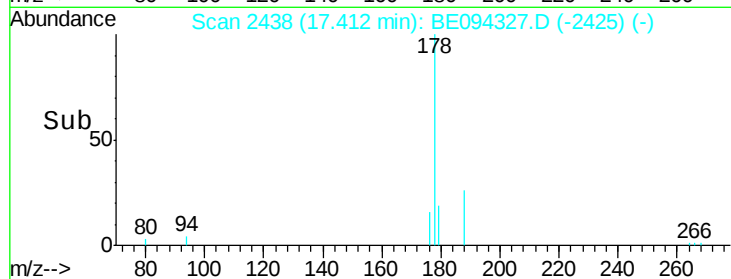
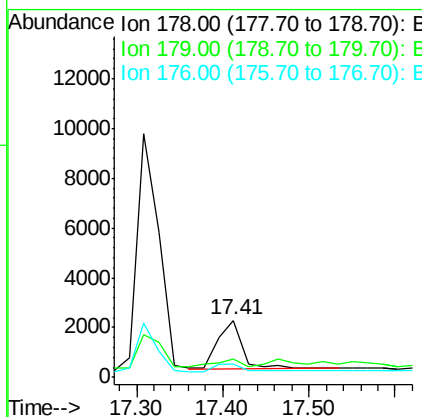
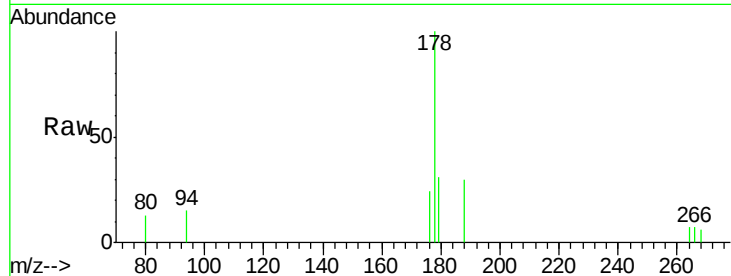
#13
 Anthracene
 Concen: 0.17 ng/ul
 RT: 17.41 min Scan# 2438
 Delta R.T. 0.02 min
 Lab File: BE094327.D
 Acq: 13 Oct 2017 16:31

Instrument :
 BNA_E
 ClientSampleId :
 B-75(0-1)-092917DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	31.1	18.1	27.1#
176	23.7	14.7	22.1#

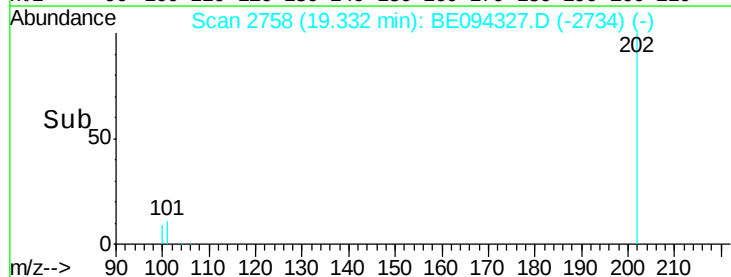
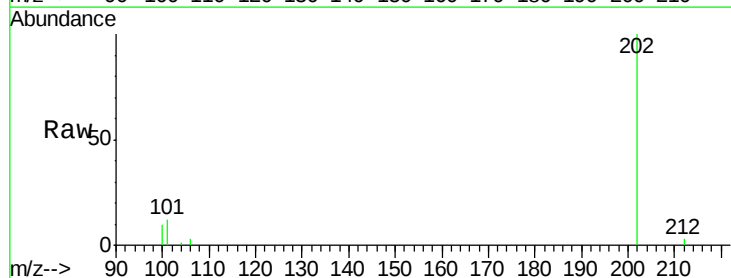
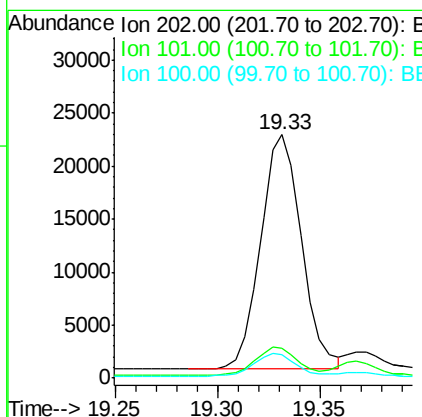
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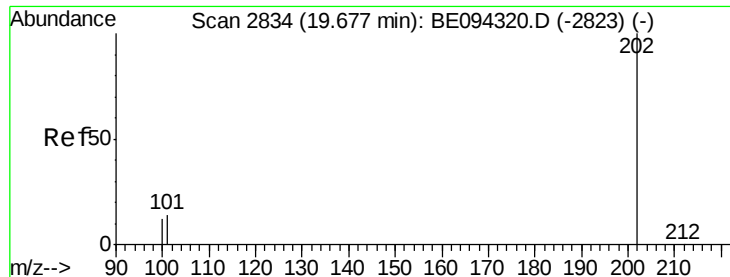
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#15
 Fluoranthene
 Concen: 0.98 ng/ul
 RT: 19.33 min Scan# 2758
 Delta R.T. 0.01 min
 Lab File: BE094327.D
 Acq: 13 Oct 2017 16:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.5	0.0	39.5





#17

Pyrene

Concen: 1.19 ng/ul

RT: 19.69 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

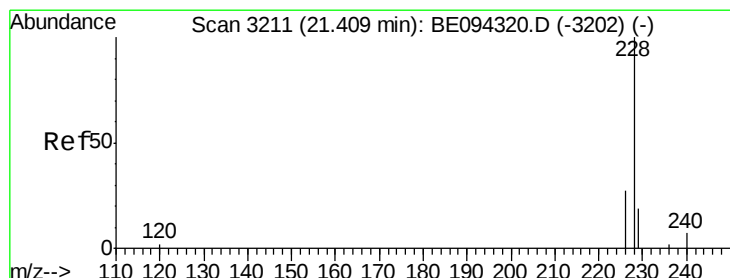
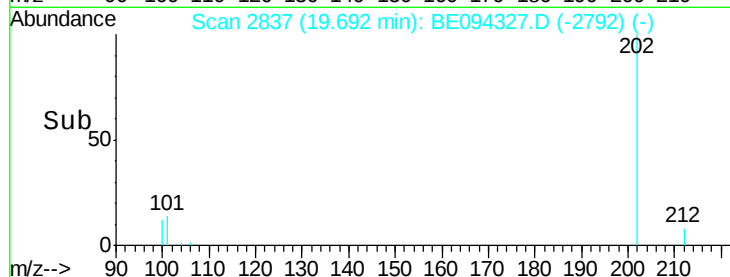
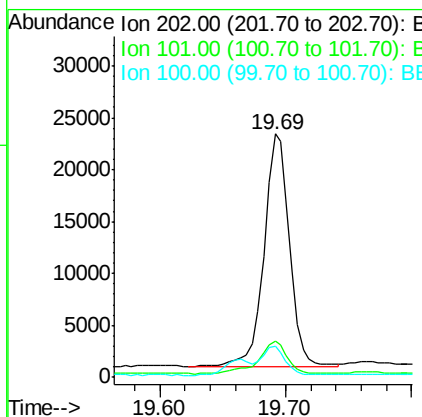
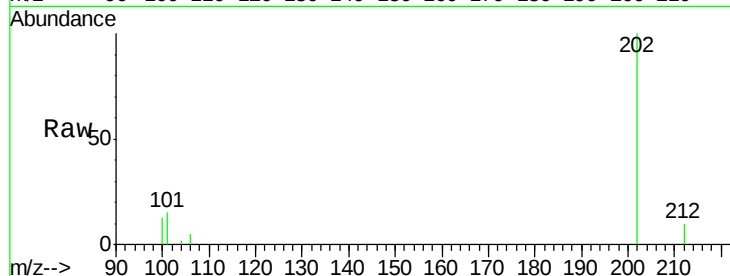
ClientSampleId :

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Tgt Ion:	202	Resp:	31752
Ion Ratio	Lower	Upper	
202	100		
101	15.1	18.2	27.4#
100	12.7	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.68 ng/ul

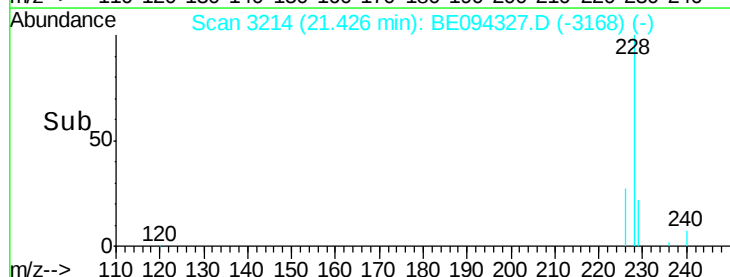
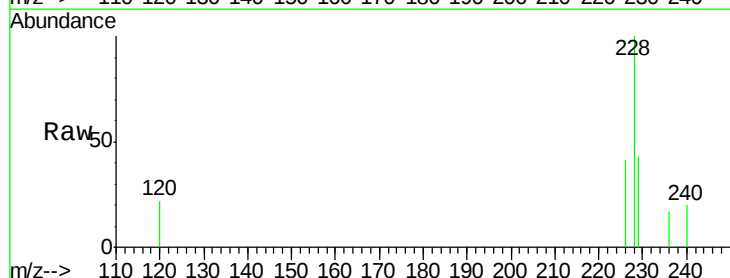
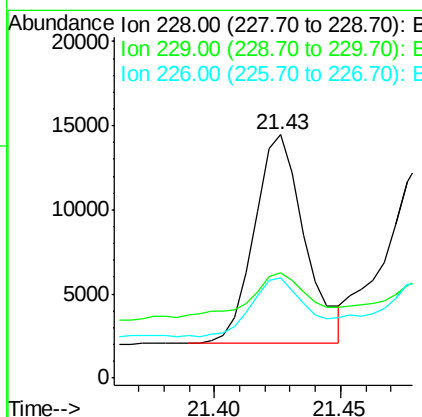
RT: 21.43 min Scan# 3214

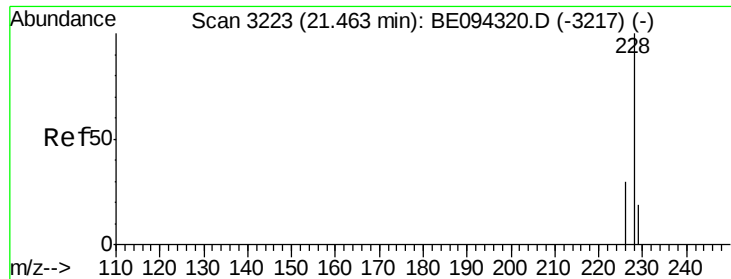
Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Tgt Ion:	228	Resp:	17255
Ion Ratio	Lower	Upper	
228	100		
229	43.4	22.8	34.2#
226	40.9	17.0	25.6#





#19

Chrysene

Concen: 0.59 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

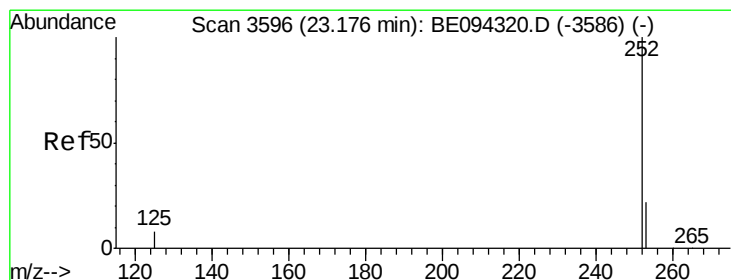
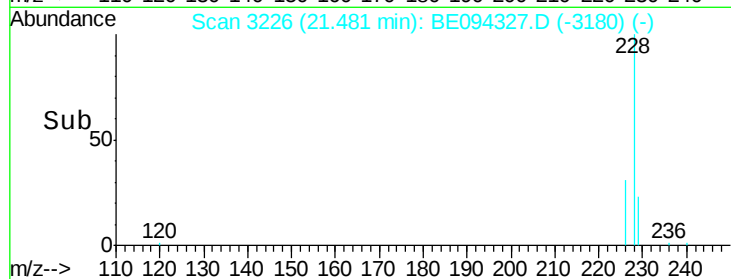
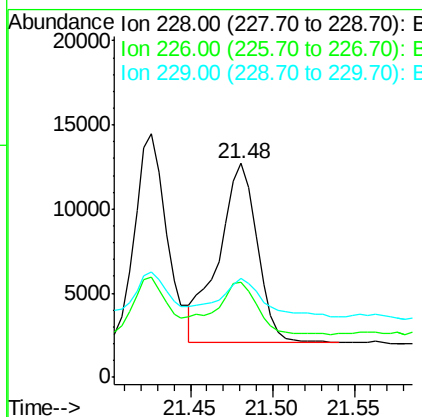
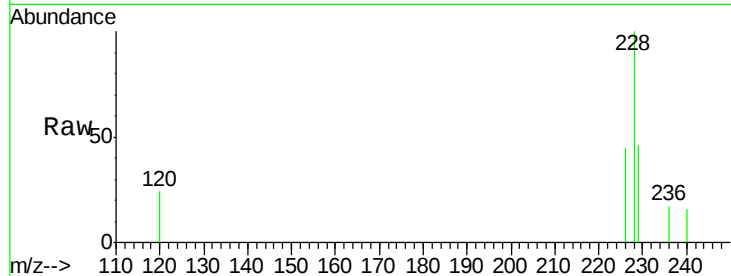
ClientSampleId :

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Tgt Ion:	228	Resp:	17469
Ion Ratio	Lower	Upper	
228	100		
226	44.7	23.4	35.0#
229	46.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.07 ng/ul m

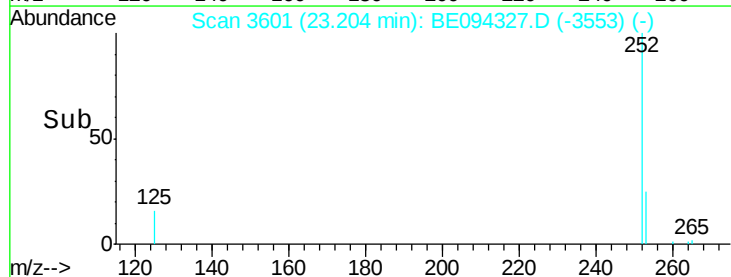
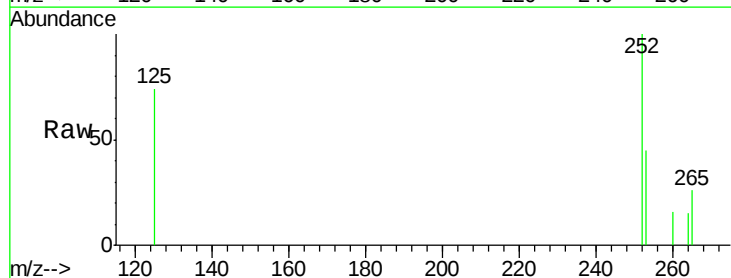
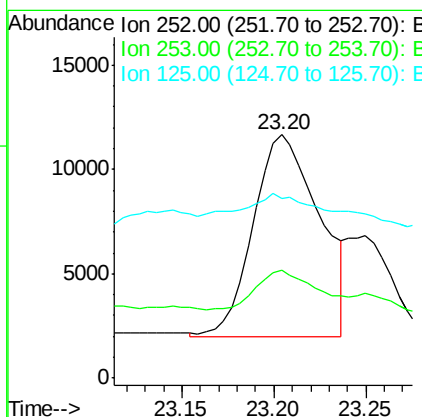
RT: 23.20 min Scan# 3601

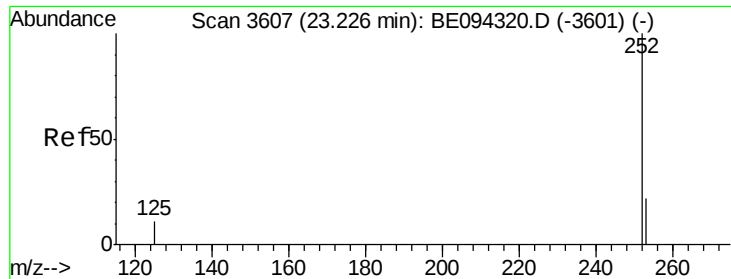
Delta R.T. 0.02 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Tgt Ion:	252	Resp:	24102
Ion Ratio	Lower	Upper	
252	100		
253	44.5	0.0	64.2
125	73.7	0.0	35.0#





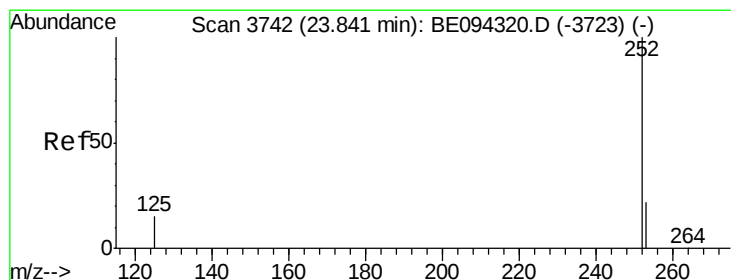
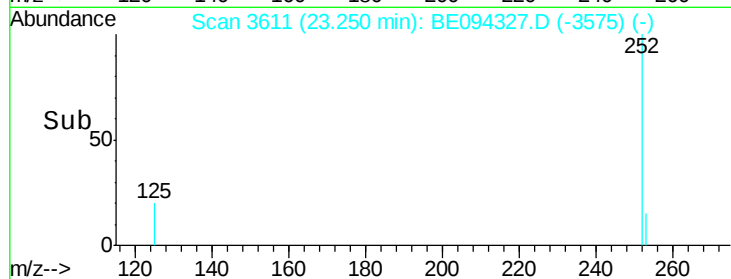
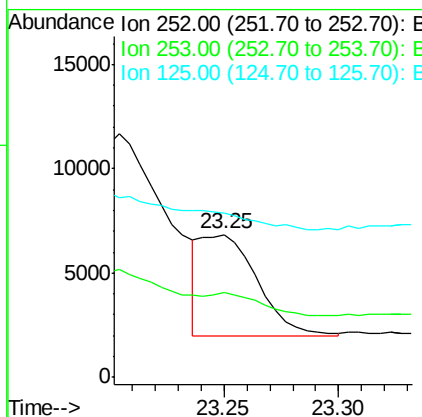
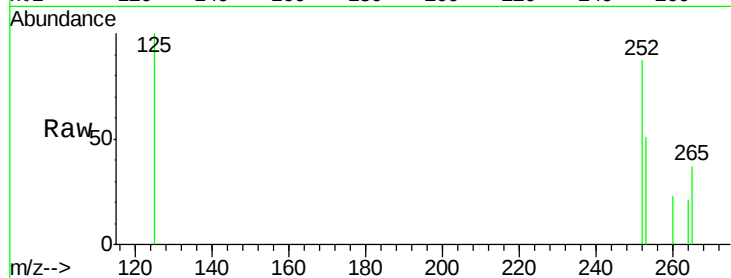
#22
Benzo(k)fluoranthene
Concen: 0.32 ng/ul m
RT: 23.25 min Scan# 3611
Delta R.T. 0.01 min
Lab File: BE094327.D
Acq: 13 Oct 2017 16:31

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.0	24.5	36.7#
125	115.3	13.7	20.5#

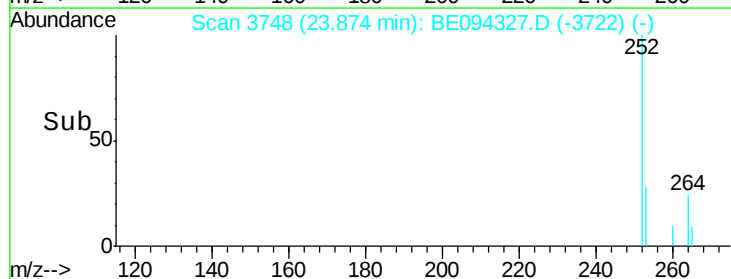
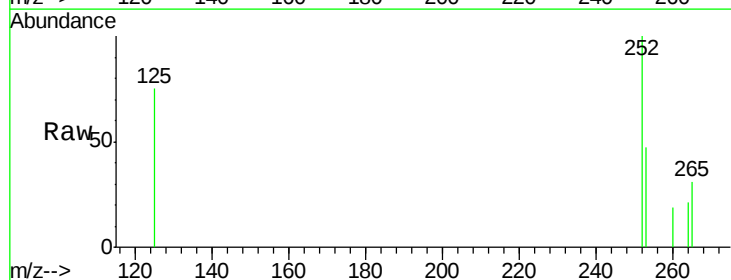
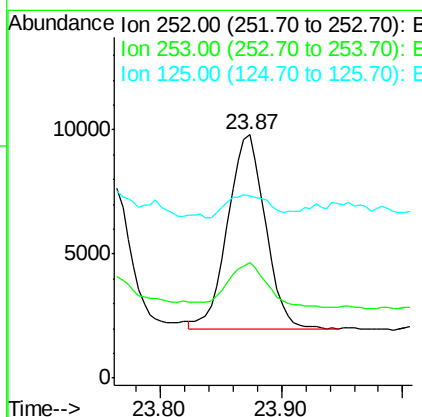
Manual Integrations
APPROVED

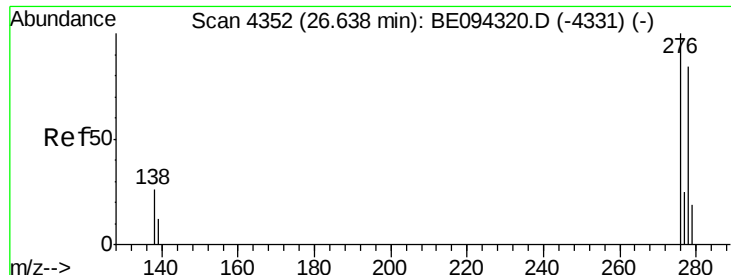
Sohil
10/16/2017 8:22:45 PM



#23
Benzo(a)pyrene
Concen: 0.72 ng/ul
RT: 23.87 min Scan# 3748
Delta R.T. 0.02 min
Lab File: BE094327.D
Acq: 13 Oct 2017 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.3	28.5	42.7#
125	74.8	18.1	27.1#





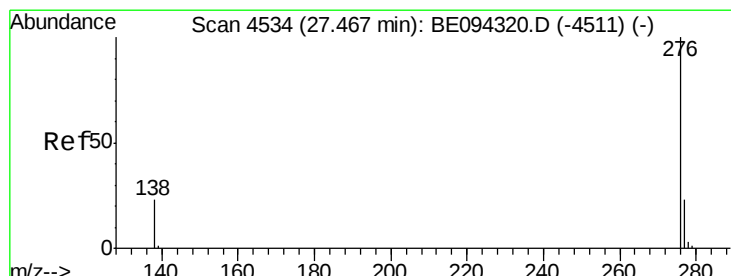
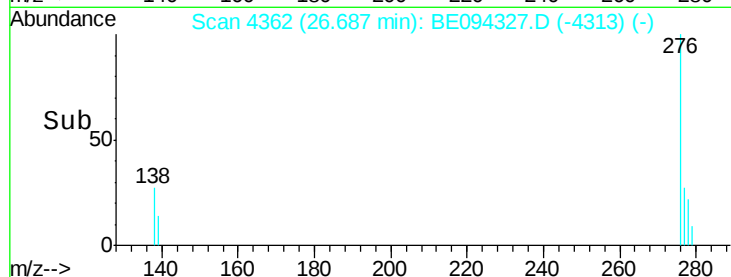
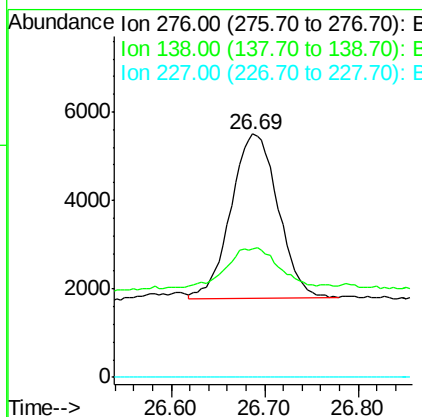
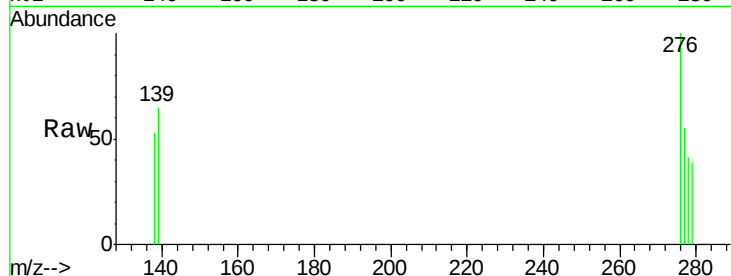
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.54 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.02 min
 Lab File: BE094327.D
 Acq: 13 Oct 2017 16:31

Instrument :
 BNA_E
 ClientSampleId :
 B-75(0-1)-092917DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	28.0	42.0
227	0.0	8.0	12.0

Manual Integrations
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#26
 Benzo(g,h,i)perylene
 Concen: 0.67 ng/ul
 RT: 27.53 min Scan# 4547
 Delta R.T. 0.03 min
 Lab File: BE094327.D
 Acq: 13 Oct 2017 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	51.5	21.8	32.8
277	54.3	20.5	30.7

