

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094329.D
 Acq On : 13 Oct 2017 18:09
 Operator : SJ/JU
 Sample : I5568-06DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917DL

Manual Integrations
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Sohil
 10/16/2017 8:22:49 PM

Quant Time: Oct 14 03:15:35 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 02:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	1376	0.40	ng/ul	0.01
2) Naphthalene-d8	10.71	136	7171	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	4176	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	8782	0.40	ng/ul	0.02
16) Chrysene-d12	21.45	240	8369	0.40	ng/ul	0.02
20) Perylene-d12	23.99	264	9363	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	505	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	1156	0.04	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.76	128	6243	0.36	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	2687	0.24	ng/ul	99
7) Acenaphthylene	14.27	152	2302	0.14	ng/ul#	84
8) Acenaphthene	14.60	153	14732	1.10	ng/ul	96
9) Fluorene	15.59	166	13267	0.85	ng/ul	94
12) Phenanthrene	17.31	178	247620m	10.79	ng/ul	
13) Anthracene	17.41	178	81349	3.64	ng/ul	93
15) Fluoranthene	19.33	202	979966	32.50	ng/ul	84
17) Pyrene	19.69	202	875113	37.58	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	686702	30.93	ng/ul#	87
19) Chrysene	21.49	228	601211	23.45	ng/ul	97
21) Benzo(b)fluoranthene	23.21	252	848077m	33.34	ng/ul	
22) Benzo(k)fluoranthene	23.26	252	311087m	10.58	ng/ul	
23) Benzo(a)pyrene	23.88	252	586110	22.18	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.71	276	339222	12.55	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.71	278	98501	4.34	ng/ul#	94
26) Benzo(g,h,i)perylene	27.55	276	287916	12.35	ng/ul	98

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

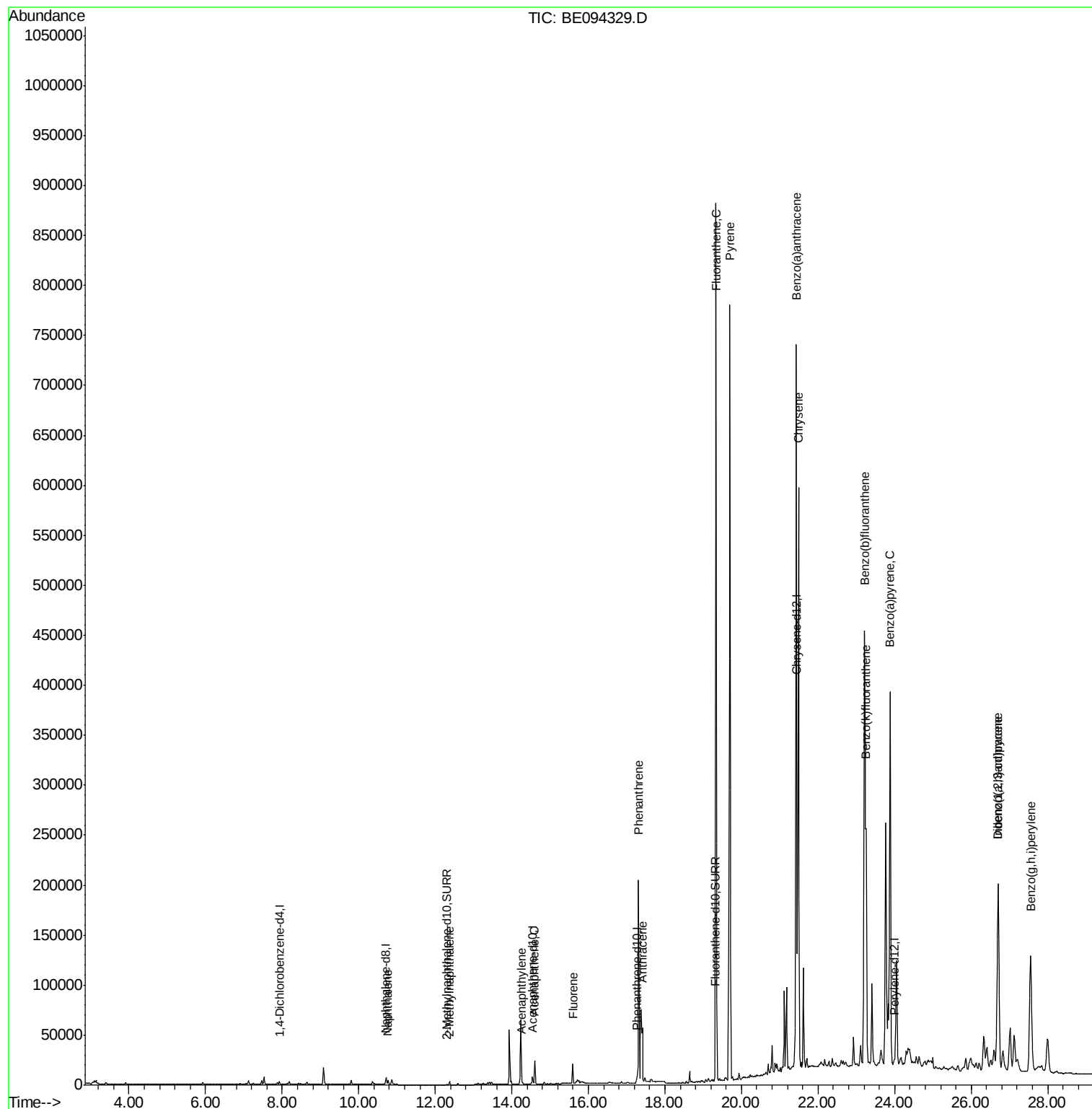
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 11 Sample Multiplier: 1

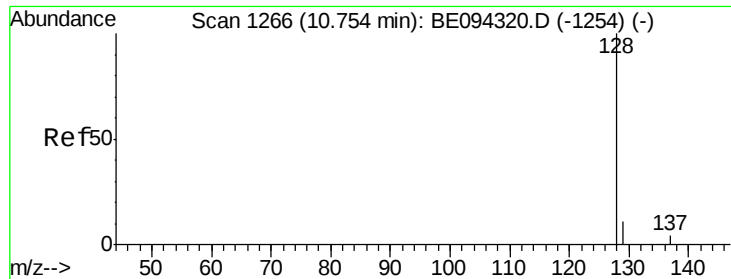
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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.76 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Instrument :

BNA_E

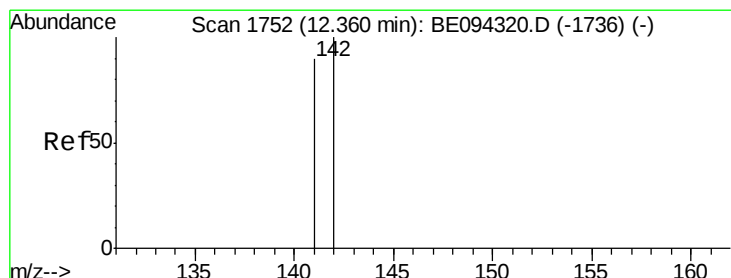
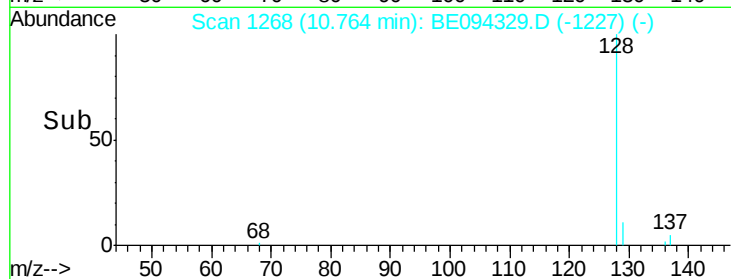
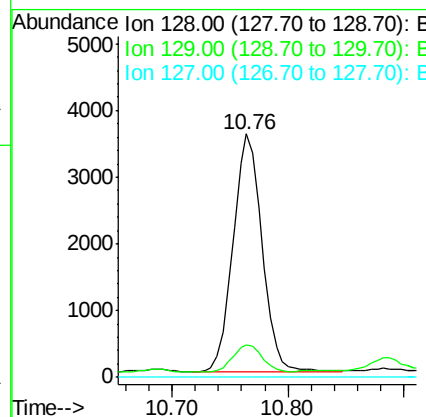
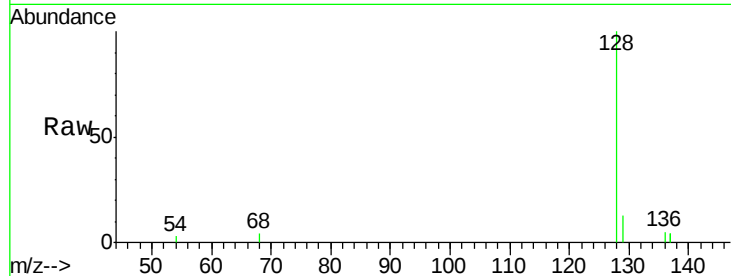
ClientSampleId :

B-29(0-1)-092917DL

Tgt Ion:	128	Resp:	6243
Ion Ratio	Lower	Upper	
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.24 ng/ul

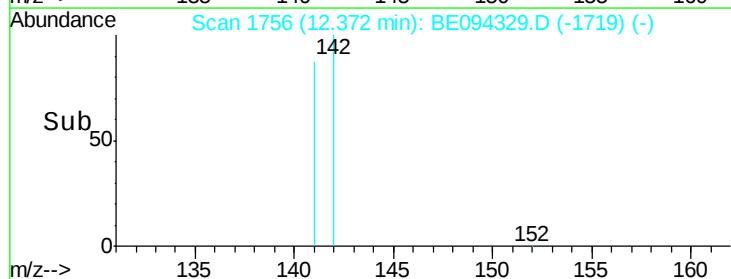
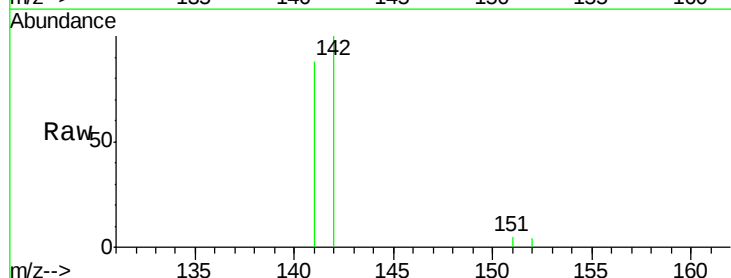
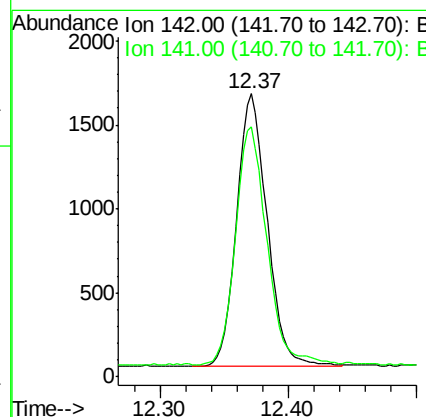
RT: 12.37 min Scan# 1756

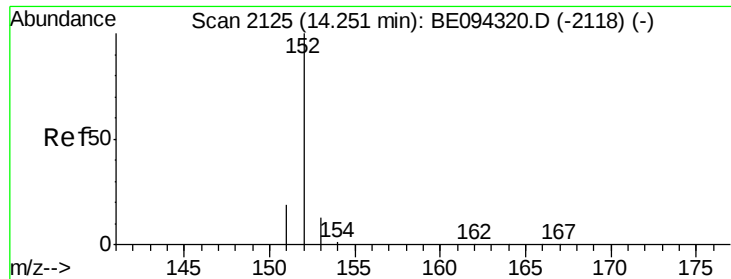
Delta R.T. 0.01 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Tgt Ion:	142	Resp:	2687
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Instrument :

BNA_E

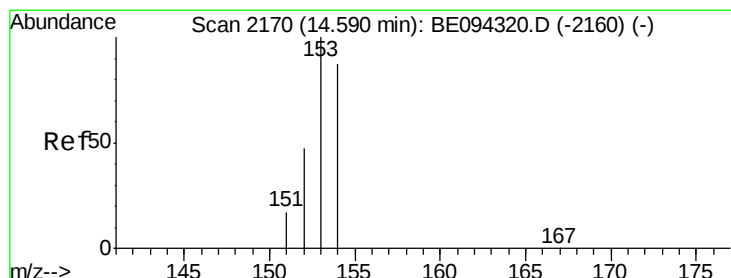
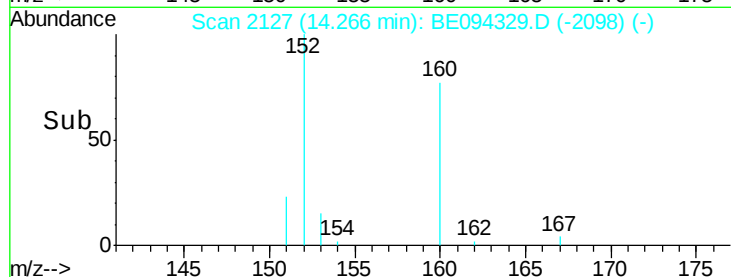
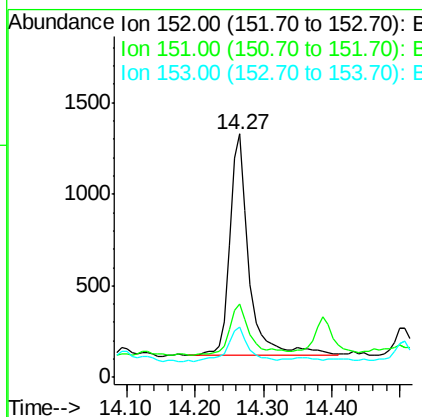
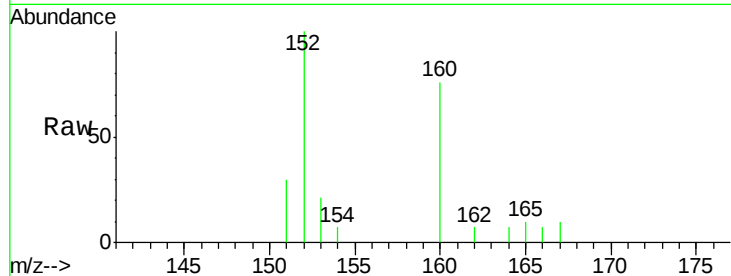
ClientSampleID :

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Tgt Ion:	152	Resp:	2302
Ion Ratio	Lower	Upper	
152	100		
151	30.3	17.1	25.7#
153	20.9	12.8	19.2#

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#8

Acenaphthene

Concen: 1.10 ng/ul

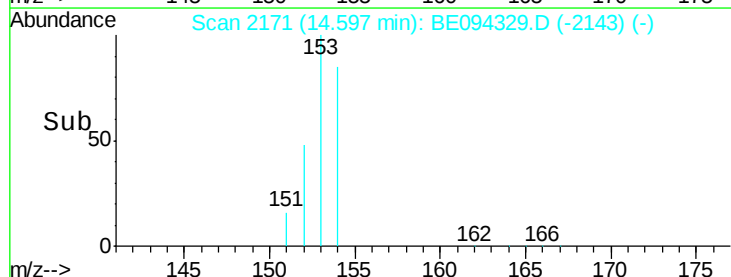
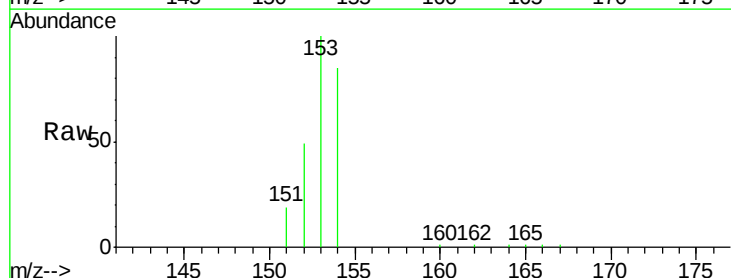
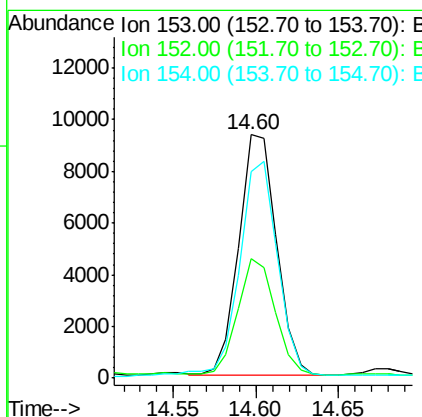
RT: 14.60 min Scan# 2171

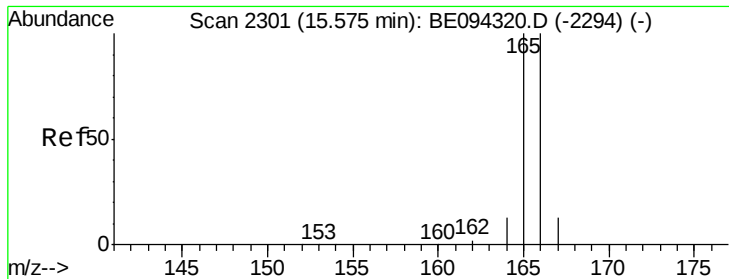
Delta R.T. 0.01 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Tgt Ion:	153	Resp:	14732
Ion Ratio	Lower	Upper	
153	100		
152	49.0	40.3	60.5
154	84.9	71.4	107.2





#9

Fluorene

Concen: 0.85 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Instrument :

BNA_E

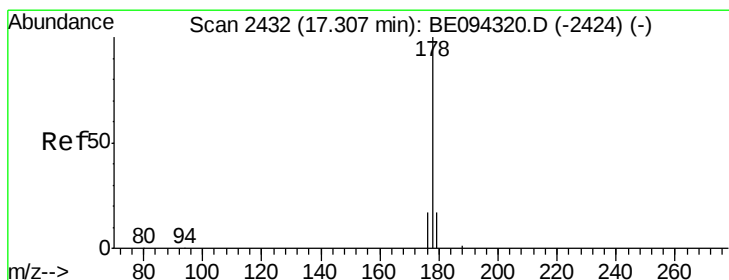
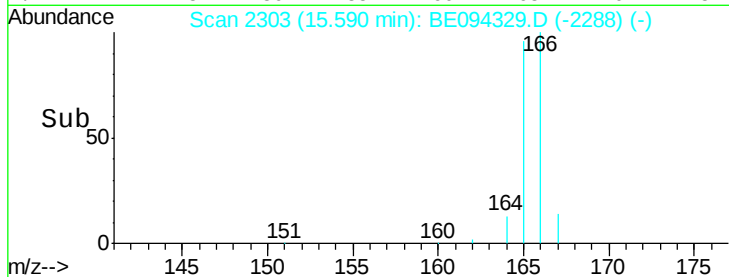
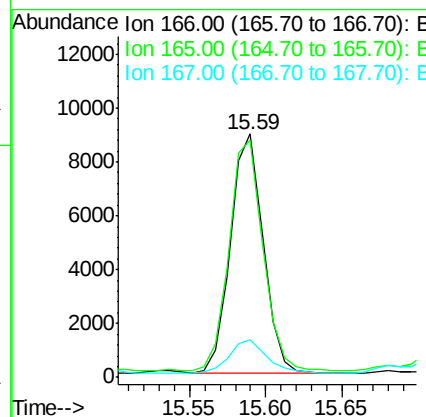
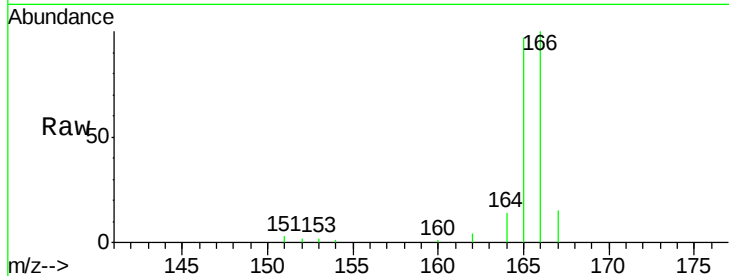
ClientSampleId :

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Tgt Ion:	166	Resp:	13267
Ion Ratio	Lower	Upper	
166	100		
165	97.3	73.4	110.2
167	15.5	14.6	22.0

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#12

Phenanthrene

Concen: 10.79 ng/ul m

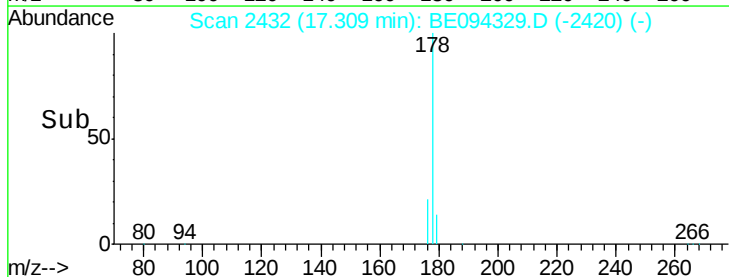
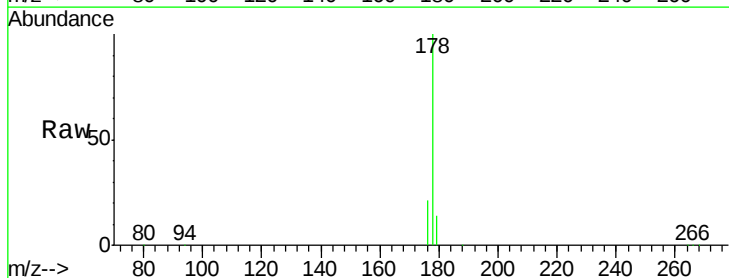
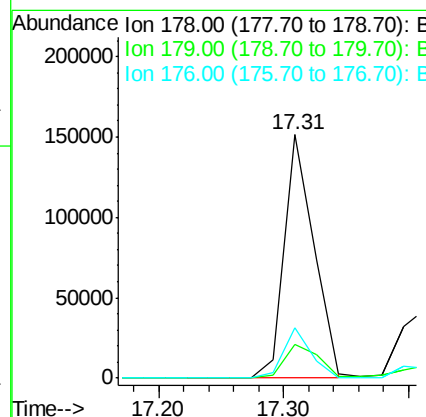
RT: 17.31 min Scan# 2432

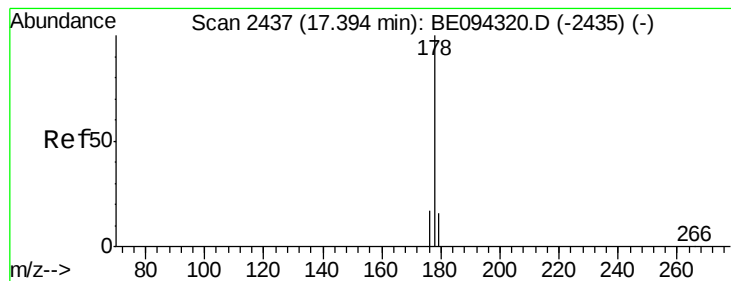
Delta R.T. 0.00 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Tgt Ion:	178	Resp:	247620
Ion Ratio	Lower	Upper	
178	100		
179	13.9	18.4	27.6#
176	20.7	13.6	20.4#





#13

Anthracene

Concen: 3.64 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. 0.02 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Instrument :

BNA_E

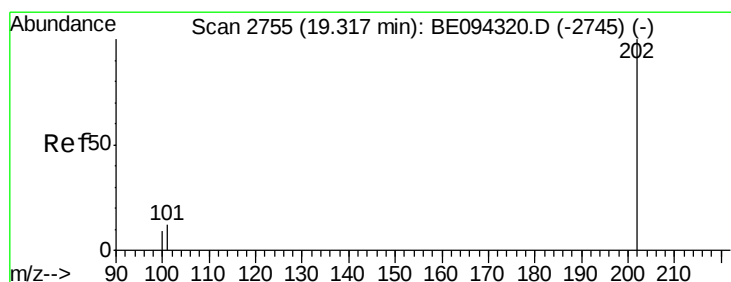
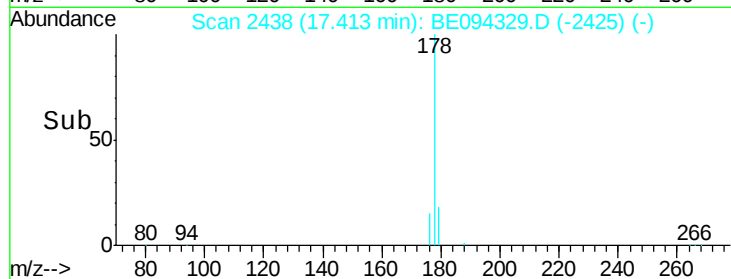
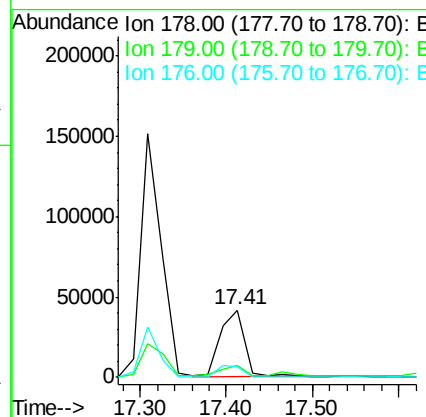
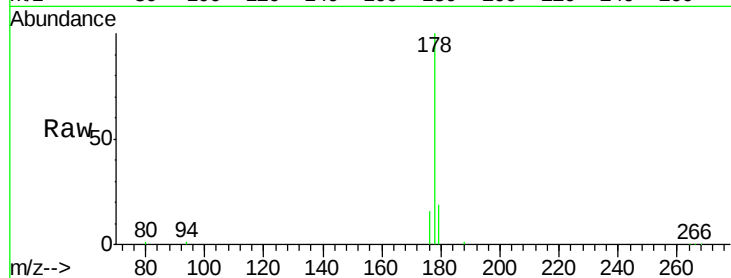
ClientSampleId :

B-29(0-1)-092917DL

Tgt Ion:	178	Resp:	81349
Ion Ratio	Lower	Upper	
178	100		
179	18.5	18.1	27.1
176	15.9	14.7	22.1

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#15

Fluoranthene

Concen: 32.50 ng/ul

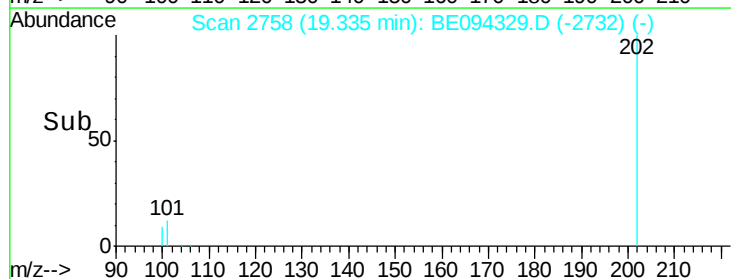
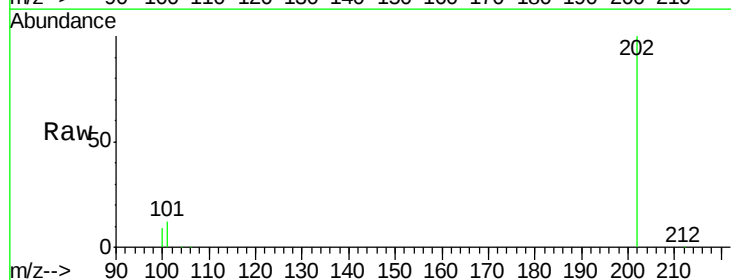
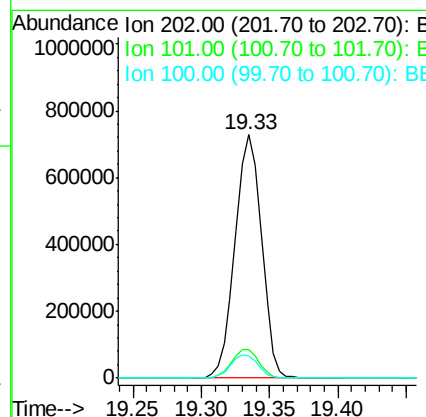
RT: 19.33 min Scan# 2758

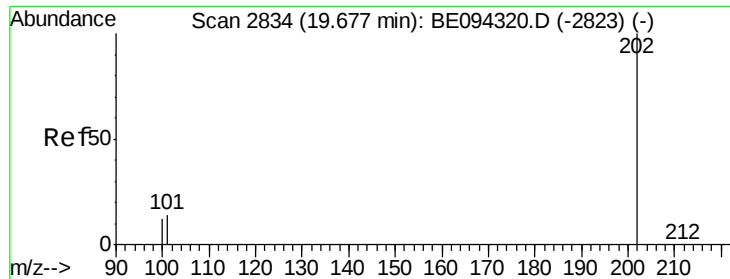
Delta R.T. 0.02 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Tgt Ion:	202	Resp:	979966
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





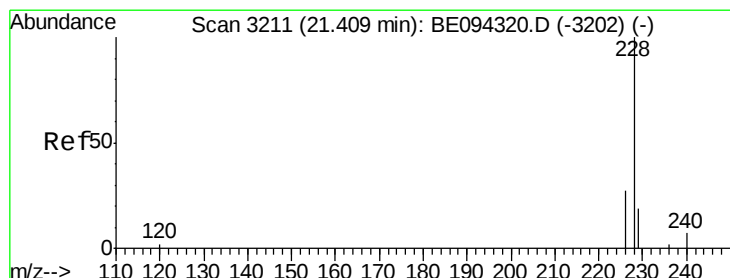
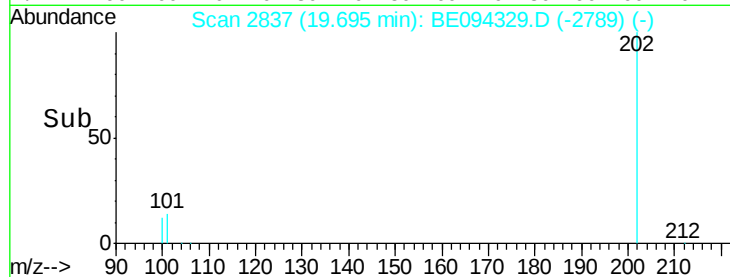
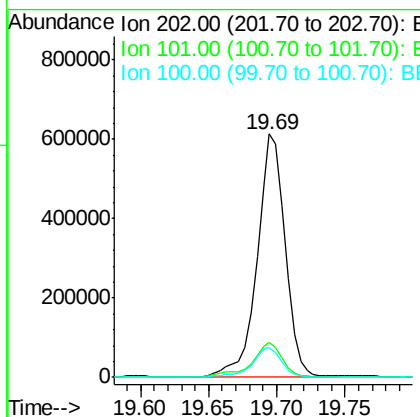
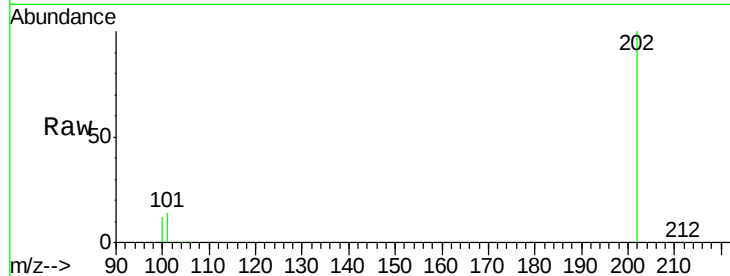
#17
Pyrene
 Concen: 37.58 ng/ul
 RT: 19.69 min Scan# 2837
 Delta R.T. 0.02 min
 Lab File: BE094329.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	18.2	27.4#
100	12.4	15.6	23.4#

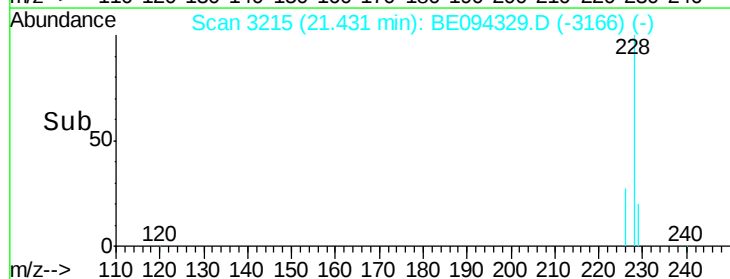
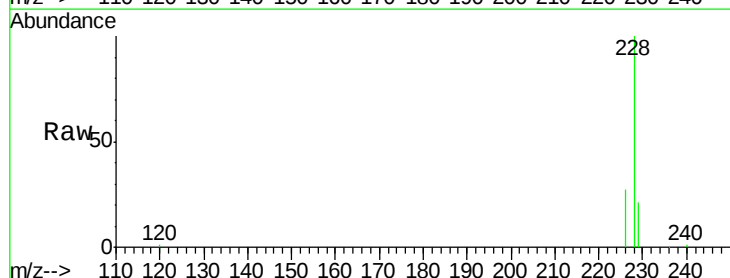
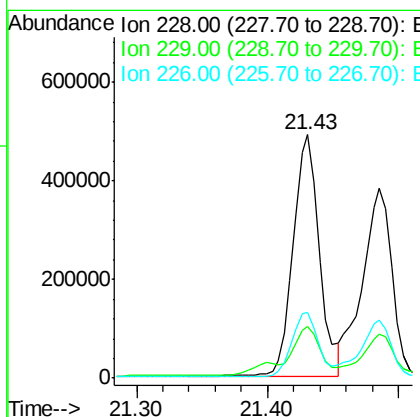
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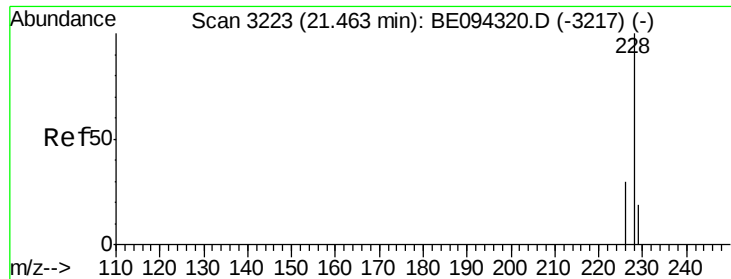
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#18
Benzo(a)anthracene
 Concen: 30.93 ng/ul
 RT: 21.43 min Scan# 3215
 Delta R.T. 0.02 min
 Lab File: BE094329.D
 Acq: 13 Oct 2017 18:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 23.45 ng/ul

RT: 21.49 min Scan# 3227

Delta R.T. 0.02 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Instrument :

BNA_E

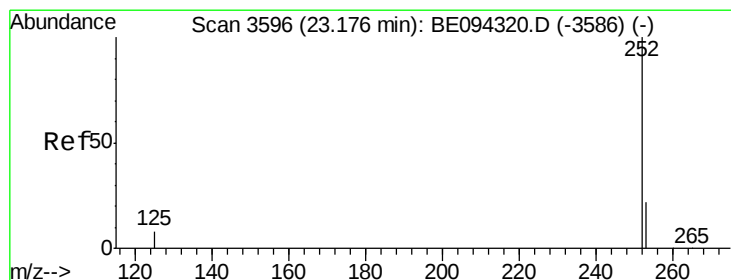
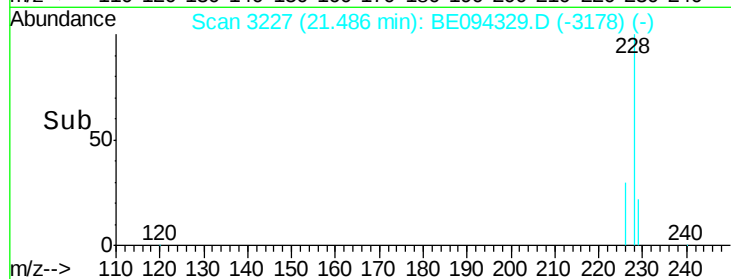
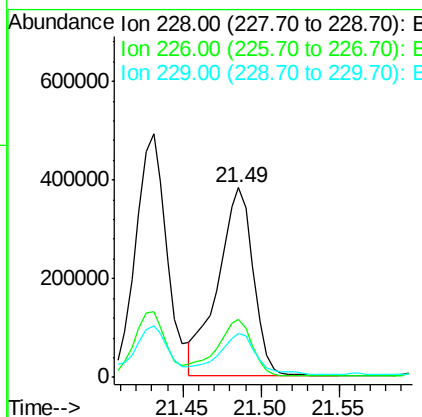
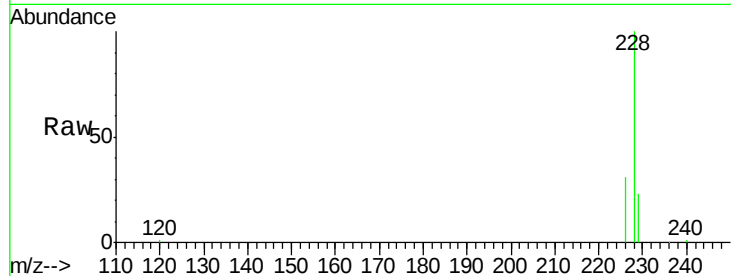
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Tgt Ion:	228	Resp:	601211
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 33.34 ng/ul m

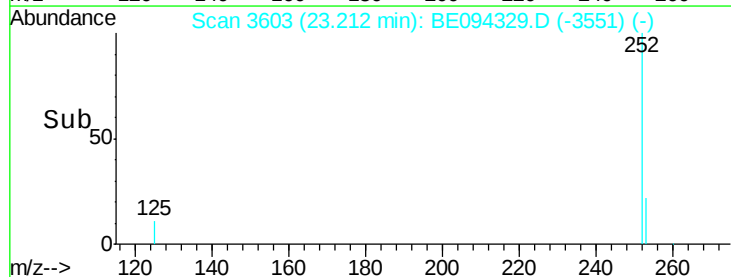
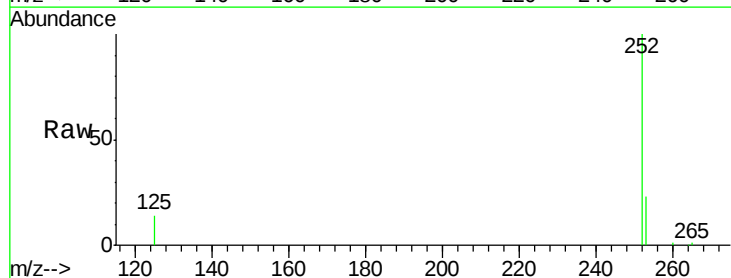
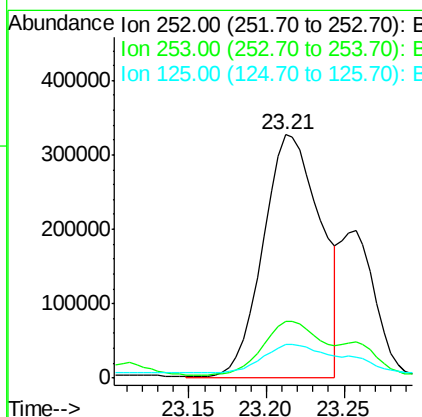
RT: 23.21 min Scan# 3603

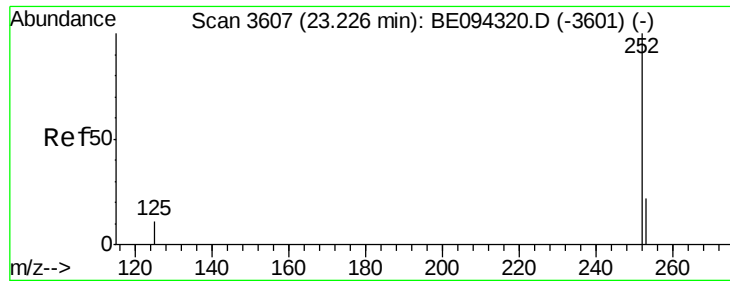
Delta R.T. 0.04 min

Lab File: BE094329.D

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Tgt Ion:	252	Resp:	848077
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	64.2
125	13.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 10.58 ng/ul m

RT: 23.26 min Scan# 3613

Delta R.T. 0.03 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Instrument :

BNA_E

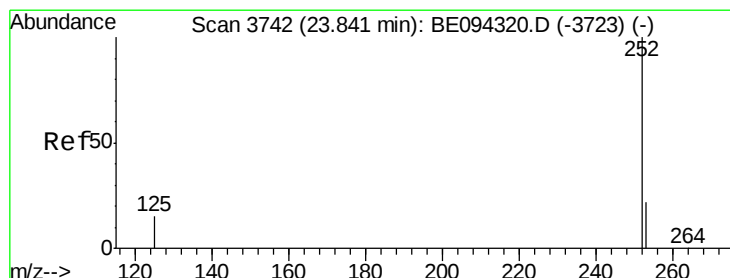
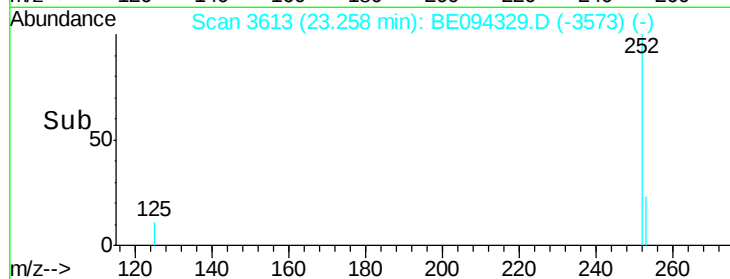
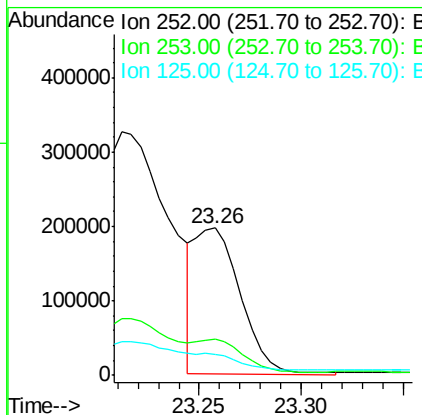
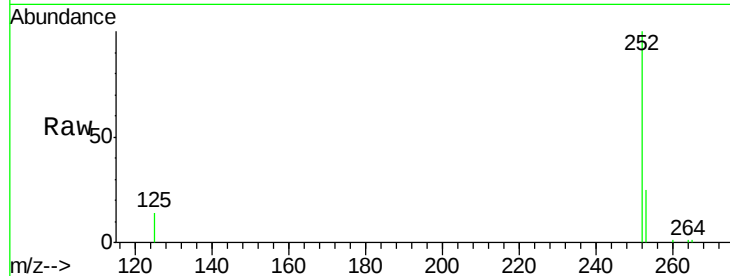
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Tgt Ion:	252	Resp:	311087
Ion Ratio	Lower	Upper	
252	100		
253	24.8	24.5	36.7
125	14.3	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 22.18 ng/ul

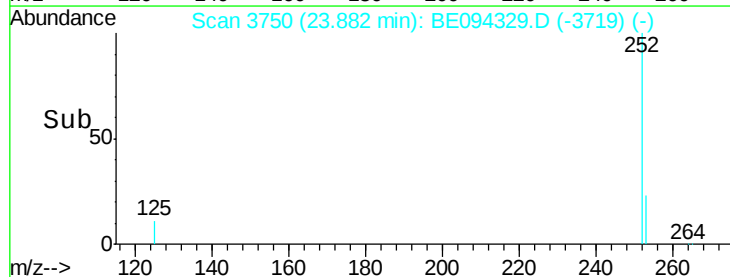
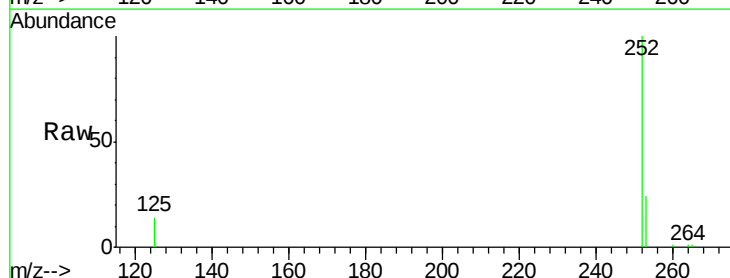
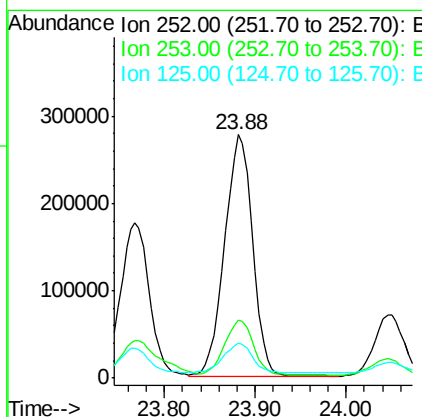
RT: 23.88 min Scan# 3750

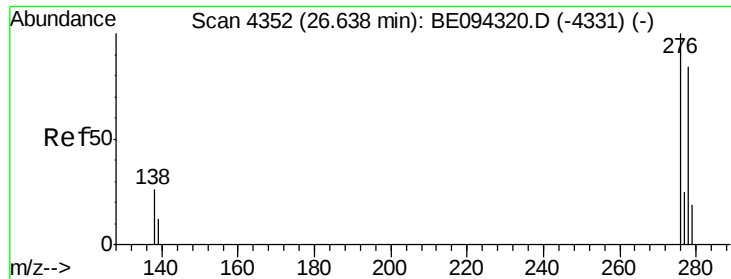
Delta R.T. 0.04 min

Lab File: BE094329.D

Acq: 13 Oct 2017 18:09

Tgt Ion:	252	Resp:	586110
Ion Ratio	Lower	Upper	
252	100		
253	24.1	28.5	42.7#
125	14.2	18.1	27.1#





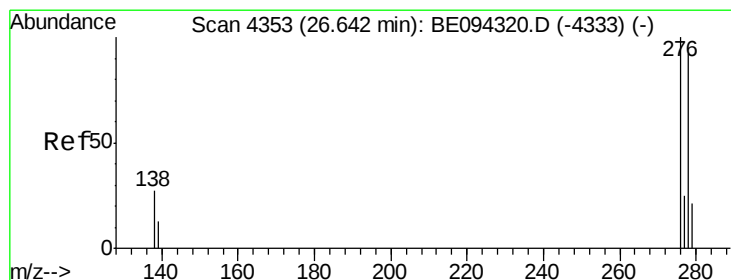
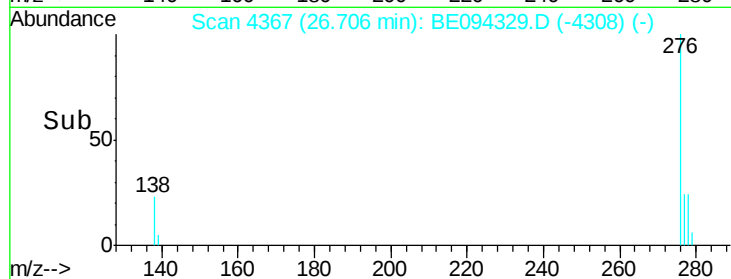
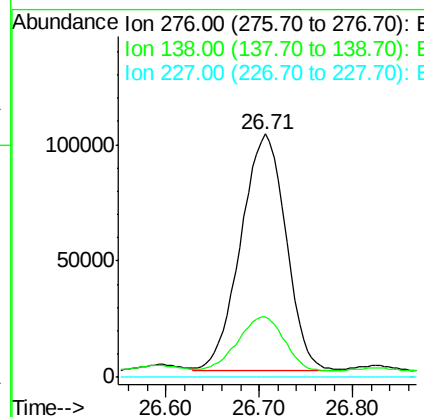
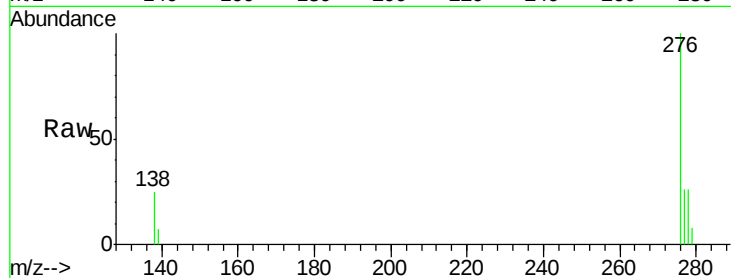
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 12.55 ng/ul
 RT: 26.71 min Scan# 4367
 Delta R.T. 0.07 min
 Lab File: BE094329.D
 Acq: 13 Oct 2017 18:09

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917DL

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

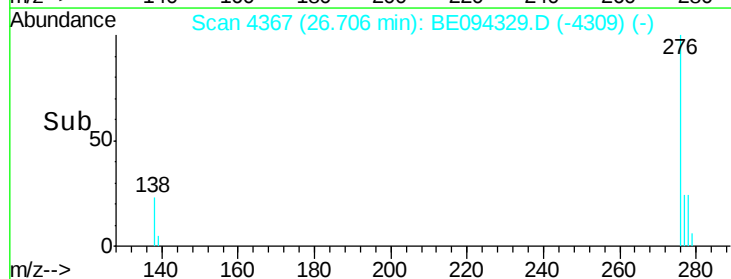
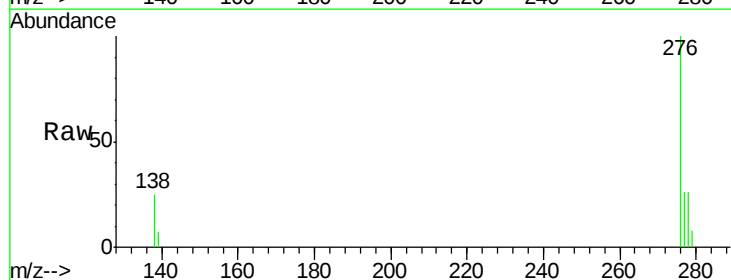
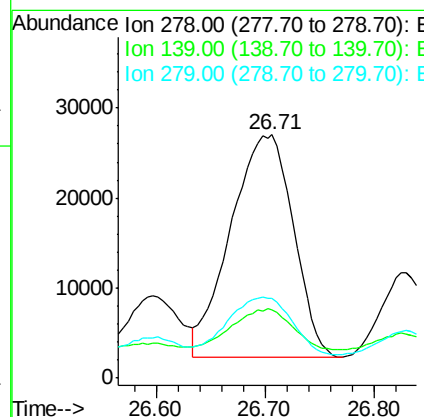
Manual Integrations
 APPROVED

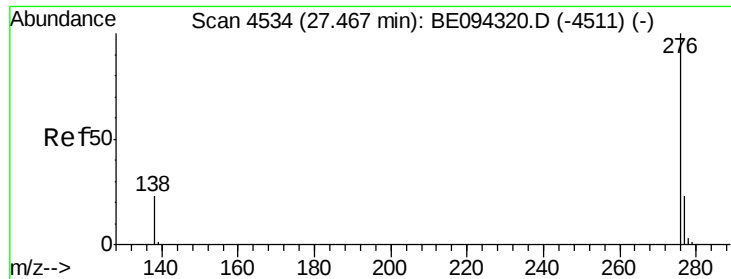
Sohil
 10/16/2017 8:22:49 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.34 ng/ul
 RT: 26.71 min Scan# 4367
 Delta R.T. 0.06 min
 Lab File: BE094329.D
 Acq: 13 Oct 2017 18:09

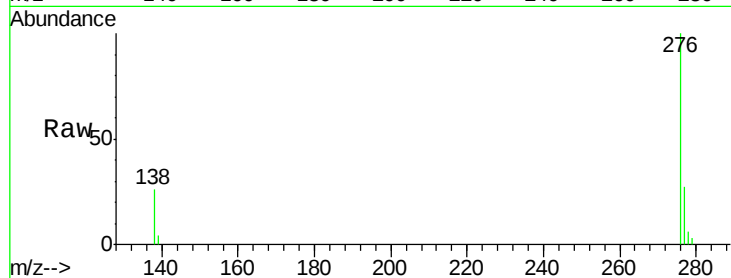
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	28.2	17.4	26.0#
279	32.5	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 12.35 ng/ul
 RT: 27.55 min Scan# 4553
 Delta R.T. 0.09 min
 Lab File: BE094329.D
 Acq: 13 Oct 2017 18:09

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.0	21.8	32.8
277	26.7	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:22:49 PM

