

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094349.D
 Acq On : 14 Oct 2017 7:02
 Operator : SJ/JU
 Sample : I5649-12DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-42(7-9)-100217DL

Manual Integrations
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 10/16/2017 8:23:25 PM

Quant Time: Oct 14 22:40:18 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	1796	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9351	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5177	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11173	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	10954	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11053	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1027	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2579	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	5814	0.25	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	2205	0.15	ng/ul	98
7) Acenaphthylene	14.25	152	4596	0.23	ng/ul	96
8) Acenaphthene	14.59	153	14246	0.86	ng/ul	97
9) Fluorene	15.57	166	18291	0.94	ng/ul	92
12) Phenanthrene	17.31	178	276375	9.47	ng/ul#	92
13) Anthracene	17.39	178	69934	2.46	ng/ul#	92
15) Fluoranthene	19.32	202	493849	12.87	ng/ul	84
17) Pyrene	19.68	202	475112	15.59	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	300162	10.33	ng/ul#	87
19) Chrysene	21.47	228	282432	8.42	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	328510m	10.94	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	92143m	2.65	ng/ul	
23) Benzo(a)pyrene	23.85	252	242971	7.79	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	138737	4.35	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.65	278	39804	1.49	ng/ul	96
26) Benzo(g,h,i)perylene	27.49	276	114467	4.16	ng/ul	97

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

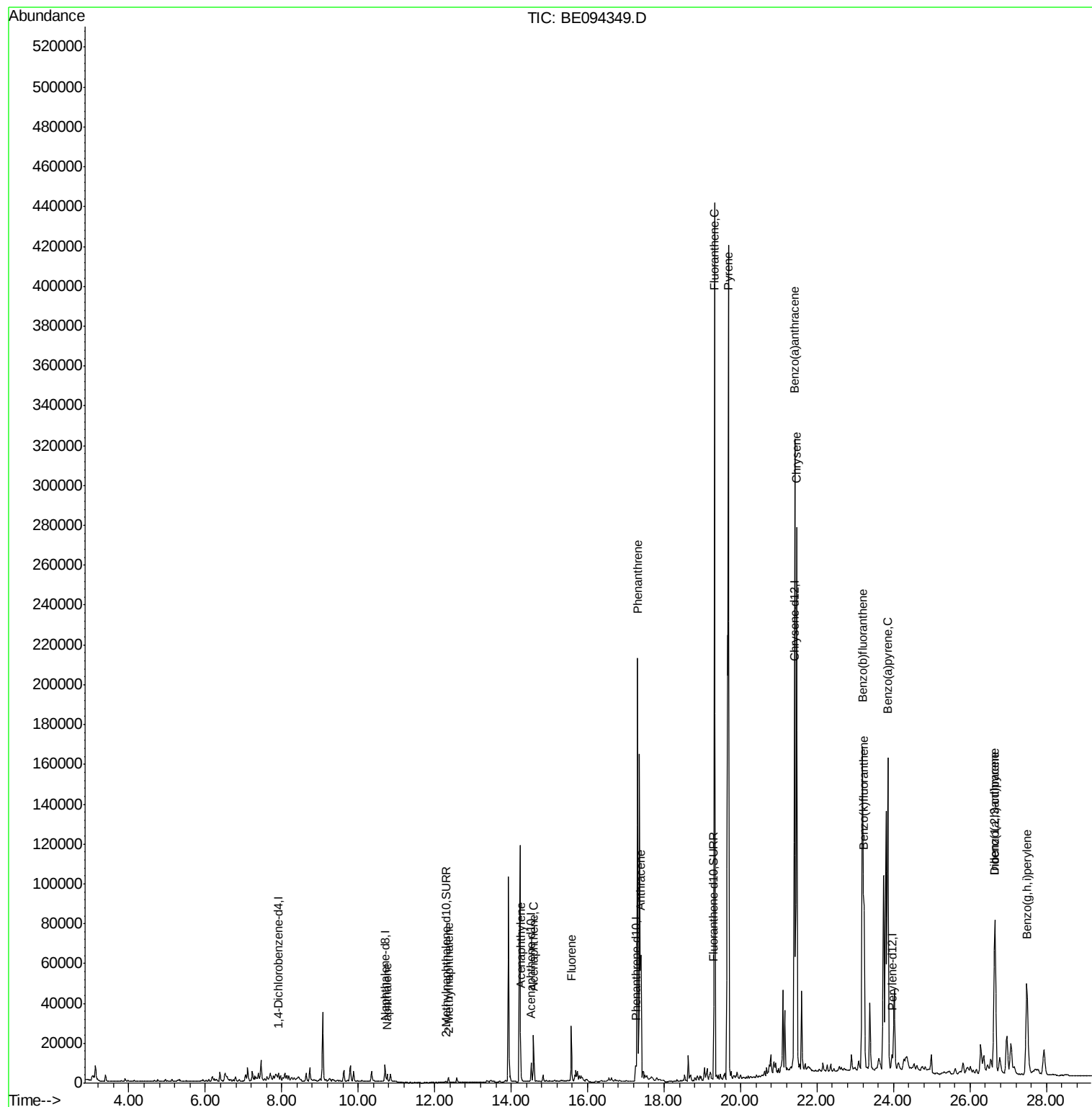
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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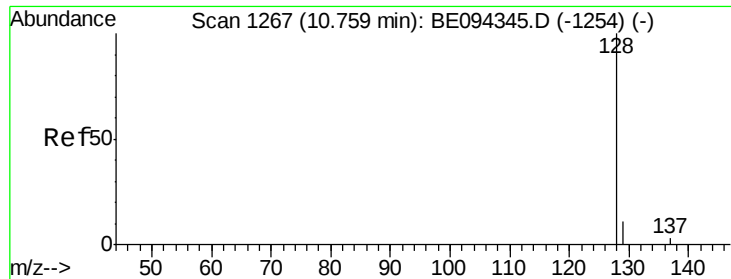
Instrument :
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#3

Naphthalene

Concen: 0.25 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Instrument :

BNA_E

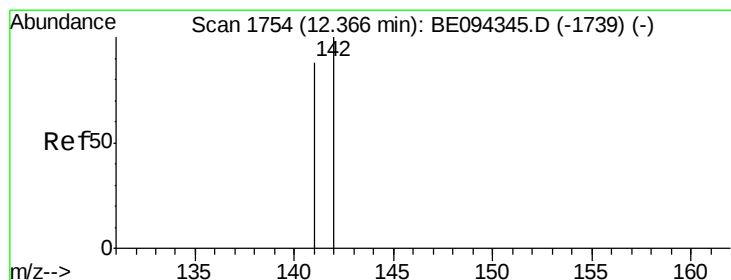
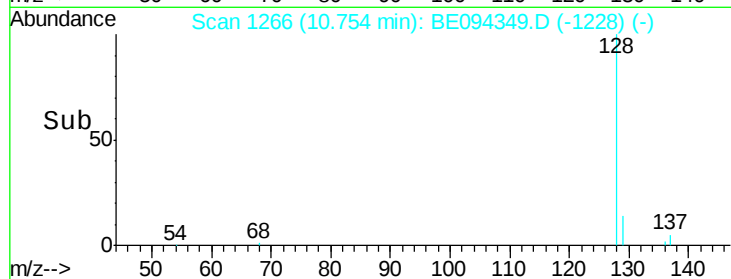
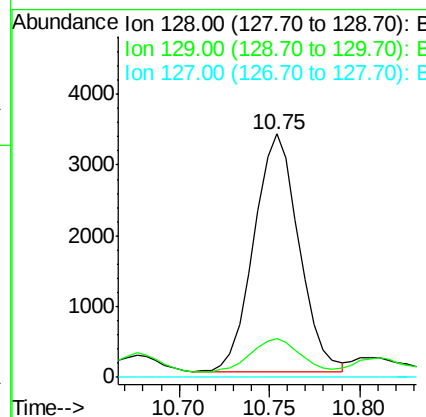
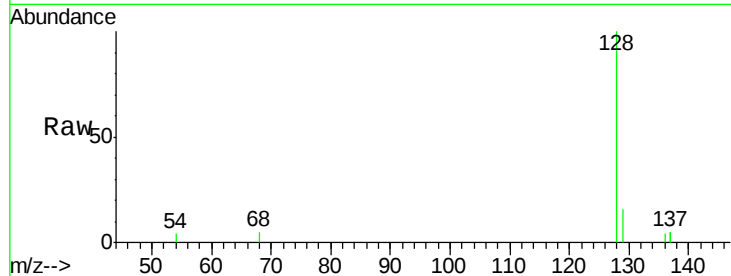
ClientSampleId :

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Tgt Ion:	128	Resp:	5814
Ion Ratio	Lower	Upper	
128	100		
129	15.8	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.15 ng/ul

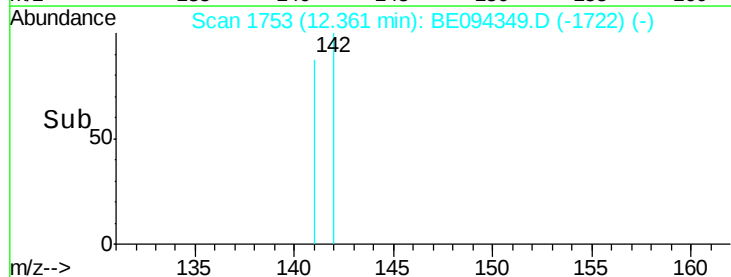
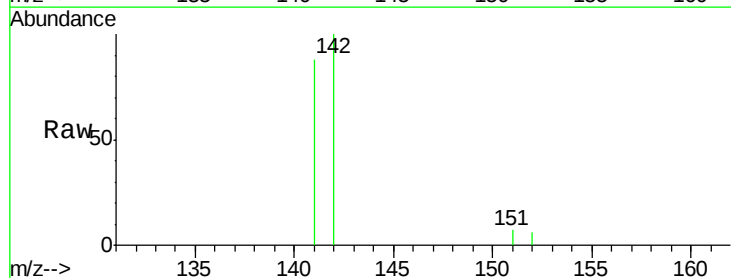
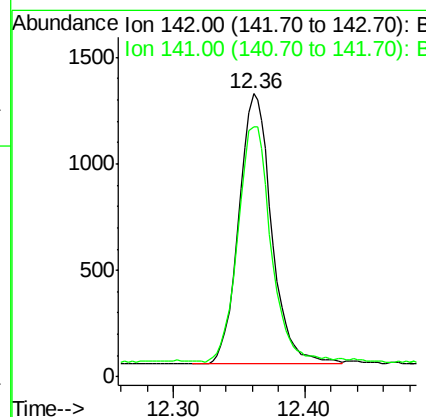
RT: 12.36 min Scan# 1753

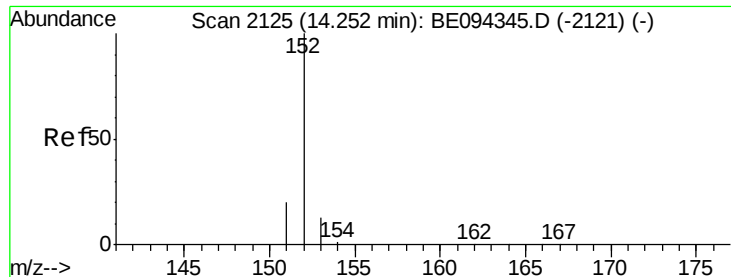
Delta R.T. -0.01 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Tgt Ion:	142	Resp:	2205
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Instrument :

BNA_E

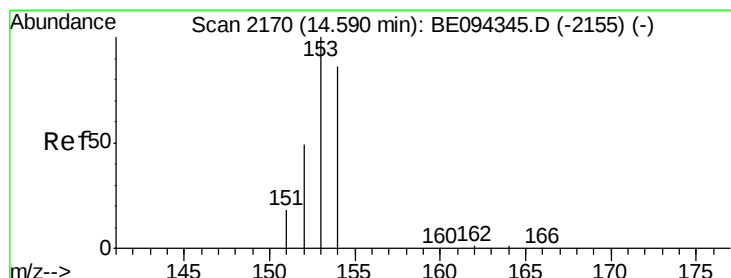
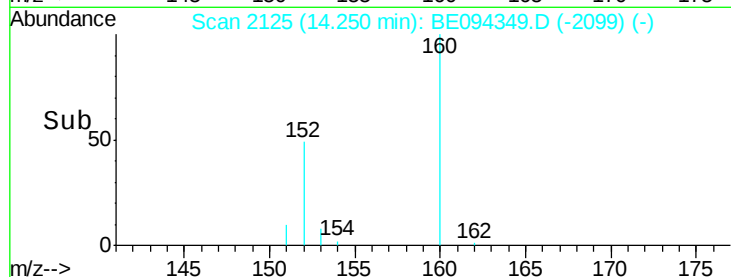
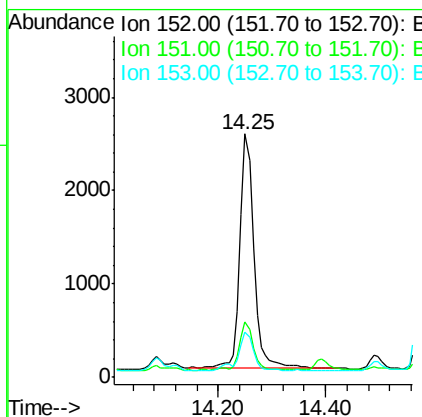
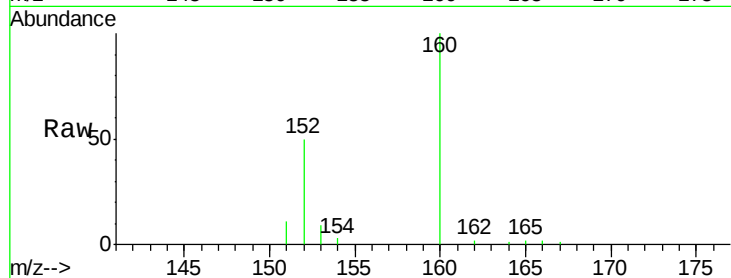
ClientSampleId :

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Tgt Ion:	152	Resp:	4596
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.1	25.7
153	18.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.86 ng/ul

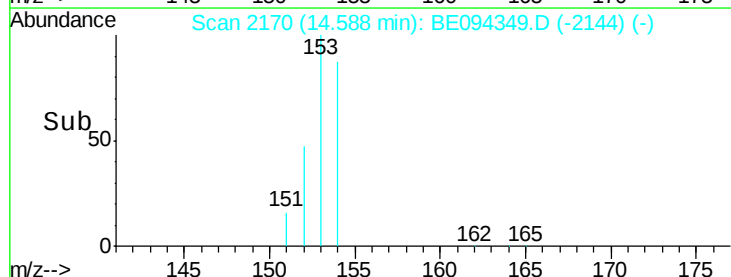
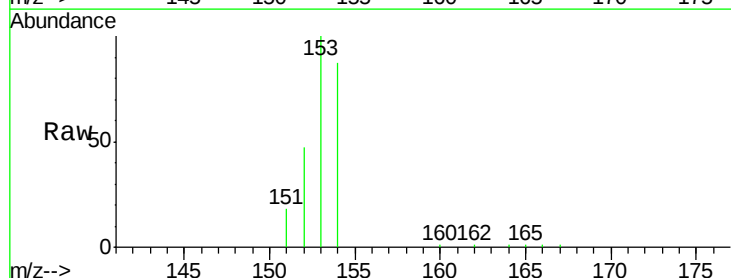
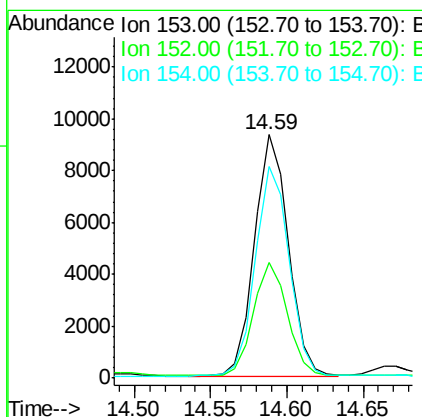
RT: 14.59 min Scan# 2170

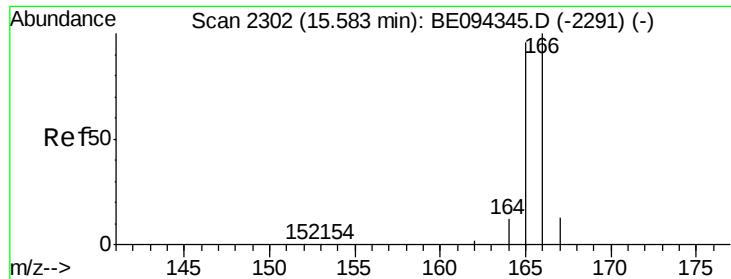
Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Tgt Ion:	153	Resp:	14246
Ion Ratio	Lower	Upper	
153	100		
152	47.3	40.3	60.5
154	86.7	71.4	107.2





#9

Fluorene

Concen: 0.94 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Instrument :

BNA_E

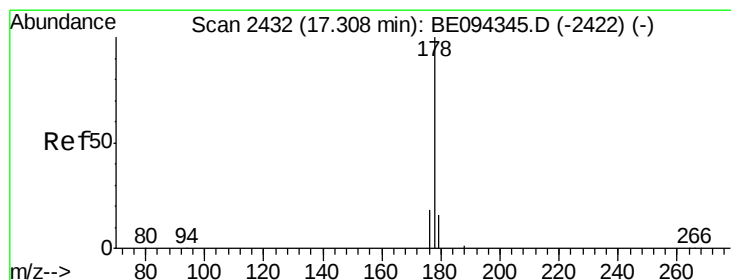
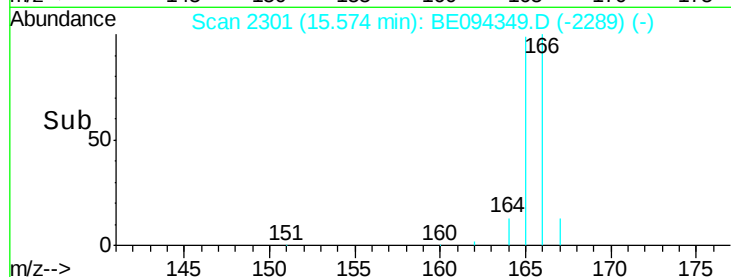
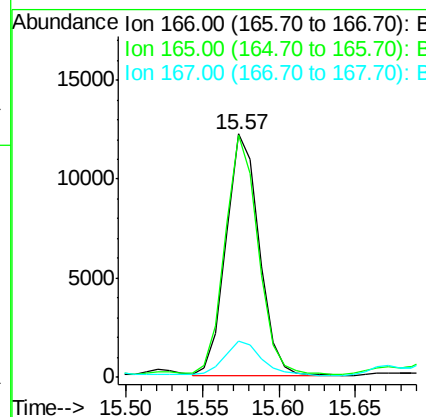
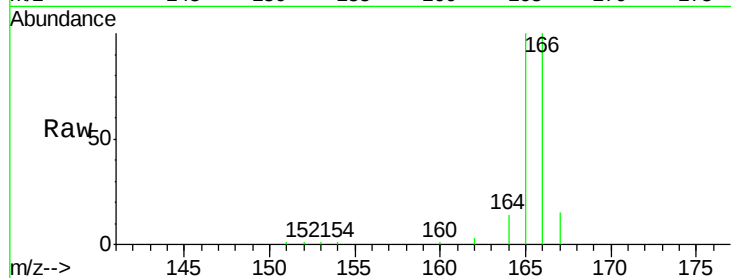
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Tgt Ion:	166	Resp:	18291
Ion Ratio	Lower	Upper	
166	100		
165	99.5	73.4	110.2
167	14.7	14.6	22.0

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#12

Phenanthrene

Concen: 9.47 ng/ul

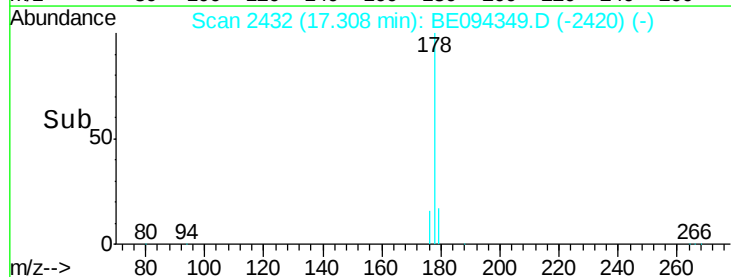
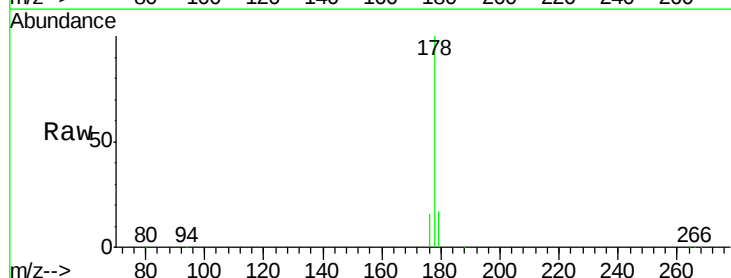
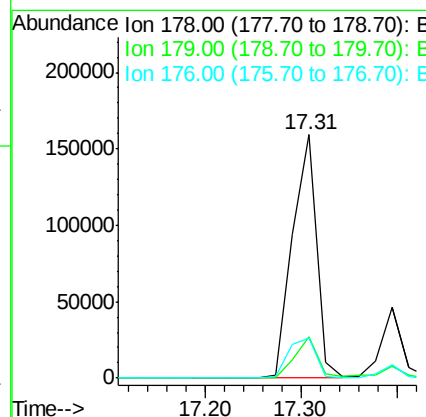
RT: 17.31 min Scan# 2432

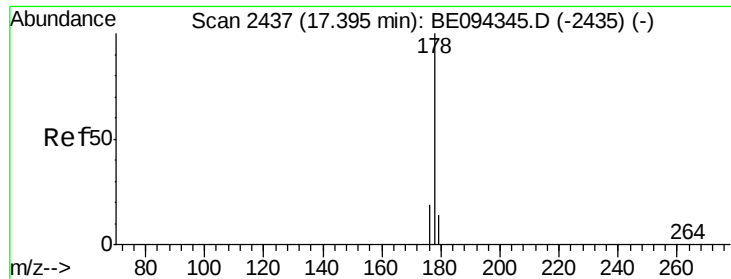
Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Tgt Ion:	178	Resp:	276375
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.4	27.6#
176	16.5	13.6	20.4





#13

Anthracene

Concen: 2.46 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Instrument :

BNA_E

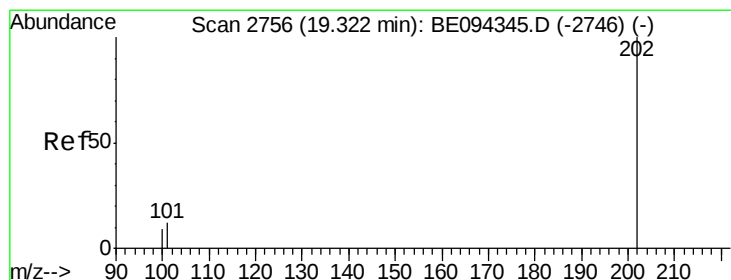
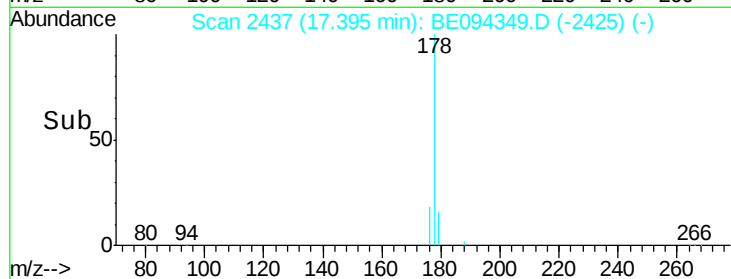
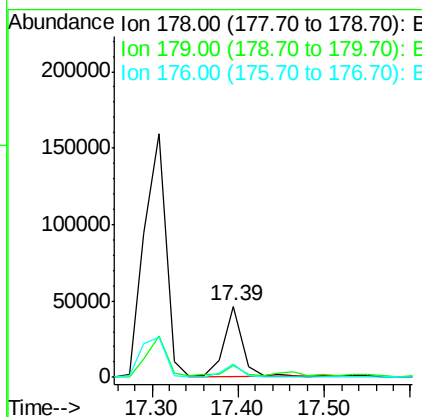
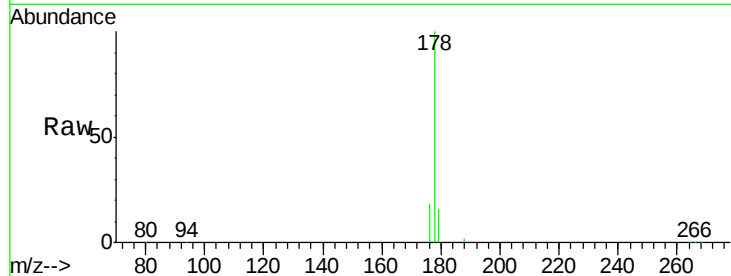
ClientSampleId :

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Tgt Ion:	178	Resp:	69934
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.1	27.1#
176	17.8	14.7	22.1

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#15

Fluoranthene

Concen: 12.87 ng/ul

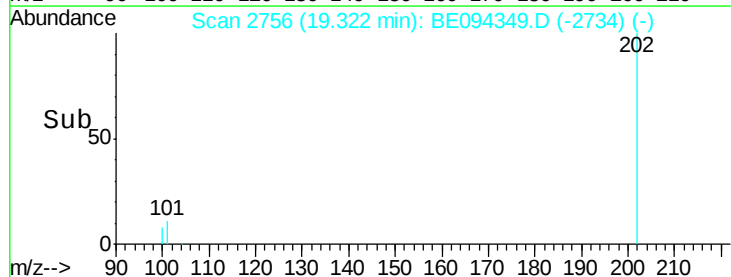
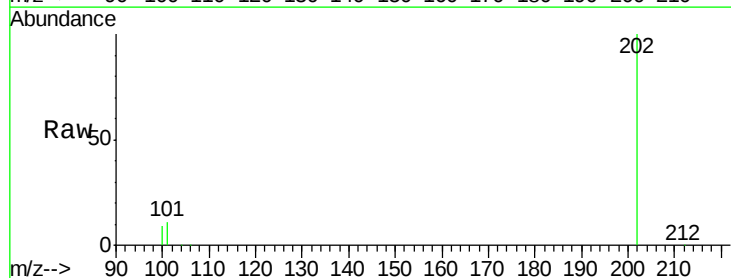
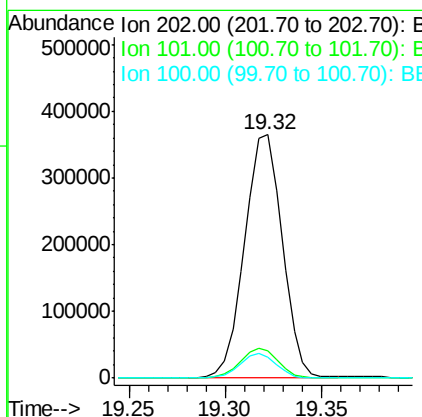
RT: 19.32 min Scan# 2756

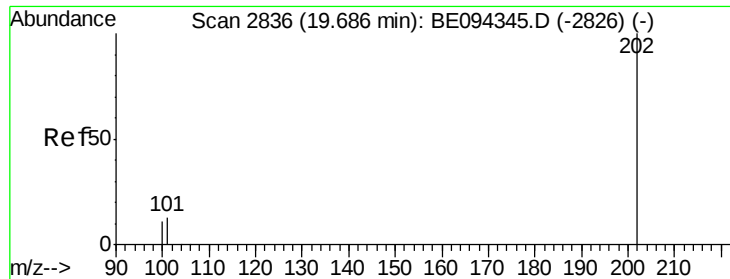
Delta R.T. 0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Tgt Ion:	202	Resp:	493849
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.3
100	8.5	0.0	39.5





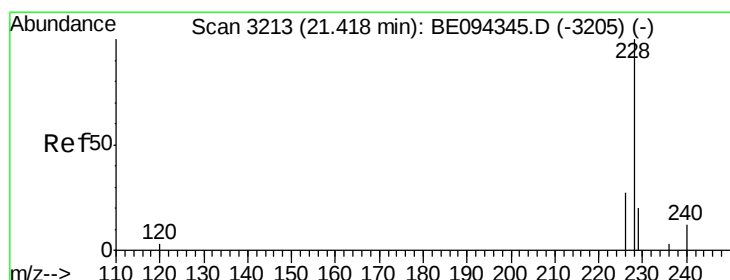
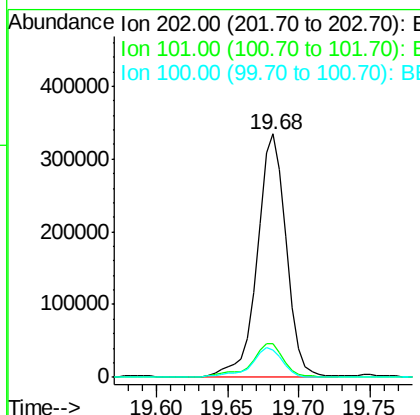
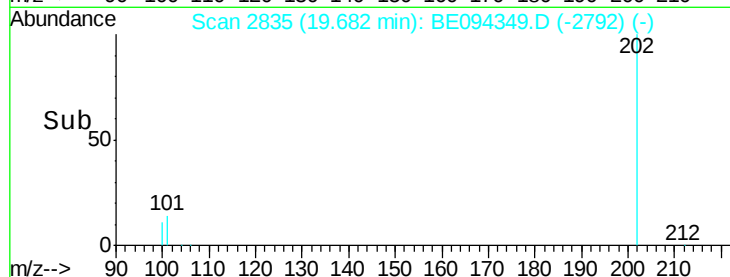
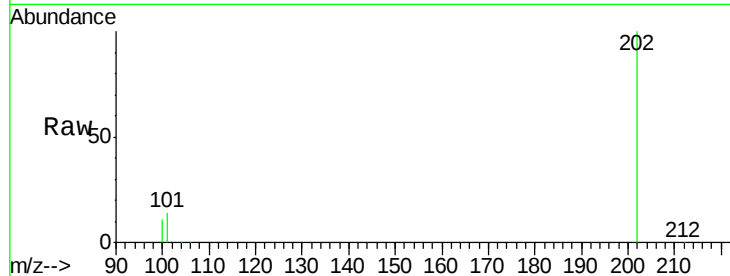
#17
Pyrene
 Concen: 15.59 ng/ul
 RT: 19.68 min Scan# 2835
 Delta R.T. -0.00 min
 Lab File: BE094349.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	18.2	27.4#
100	11.5	15.6	23.4#

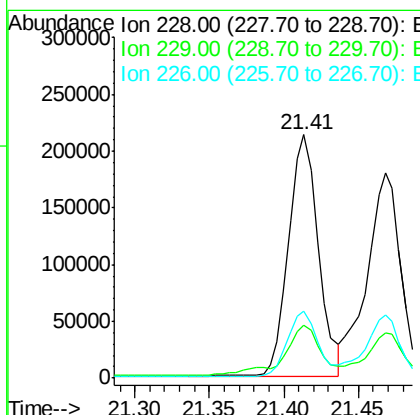
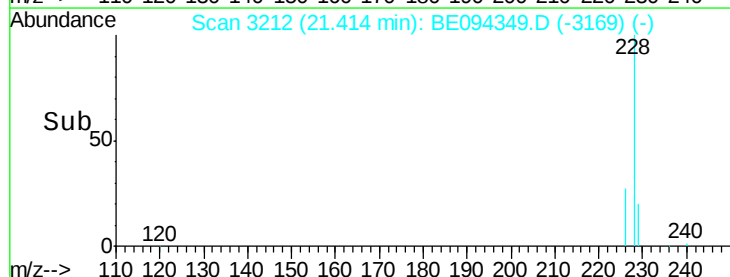
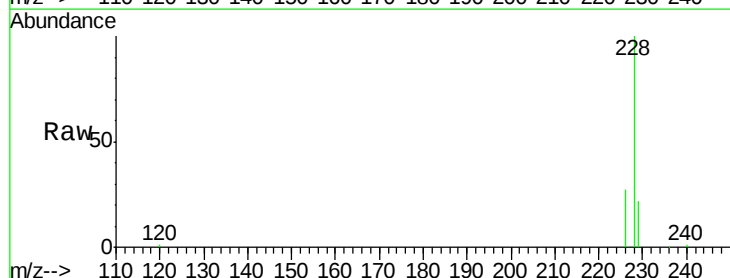
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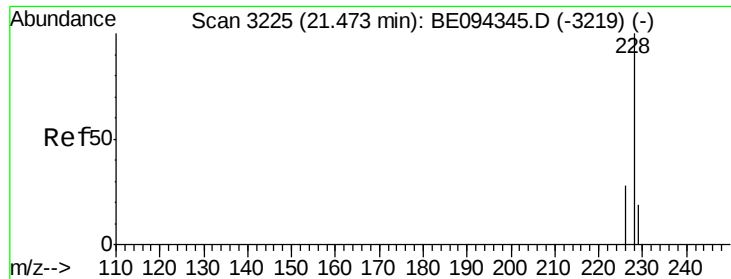
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#18
Benzo(a)anthracene
 Concen: 10.33 ng/ul
 RT: 21.41 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: BE094349.D
 Acq: 14 Oct 2017 7:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.7	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 8.42 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Instrument :

BNA_E

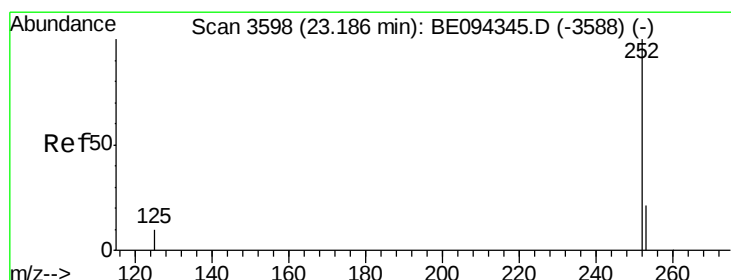
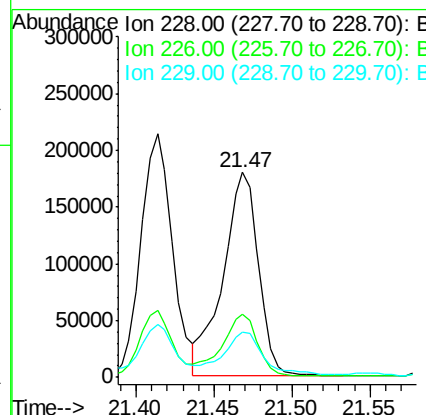
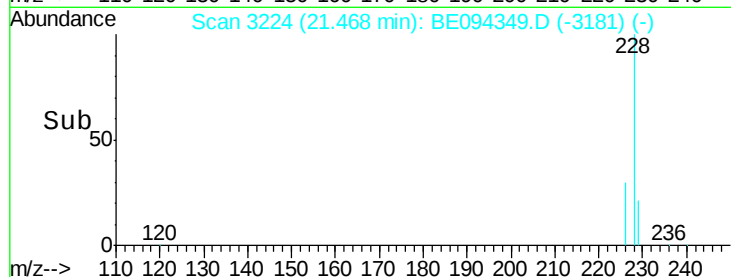
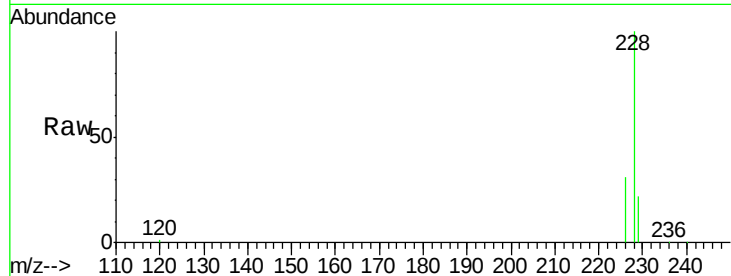
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Tgt Ion:	228	Resp:	282432
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 10.94 ng/ul m

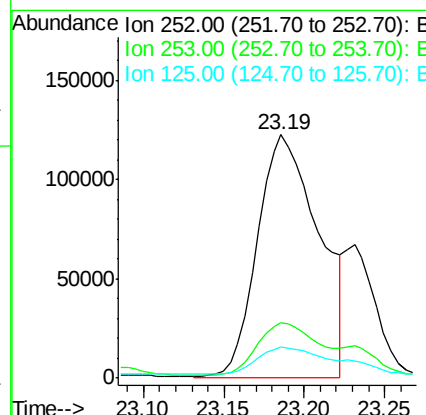
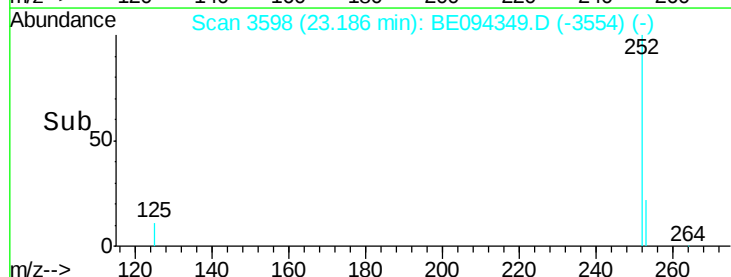
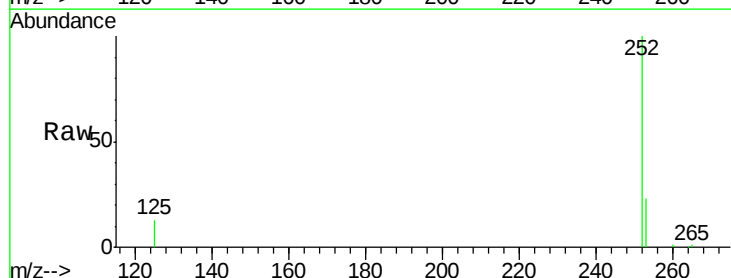
RT: 23.19 min Scan# 3598

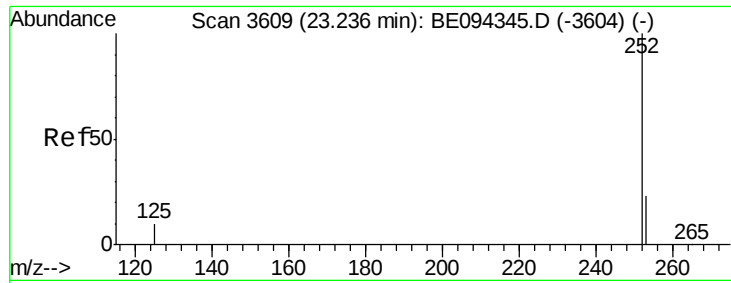
Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Tgt Ion:	252	Resp:	328510
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	12.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.65 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Instrument :

BNA_E

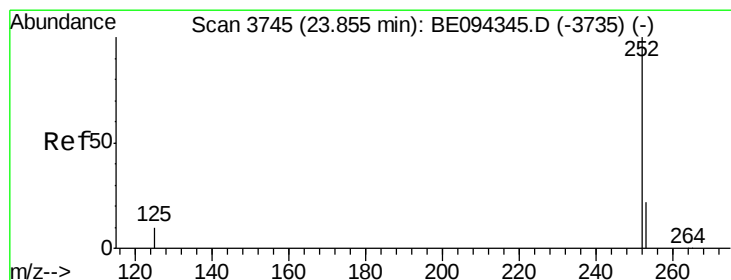
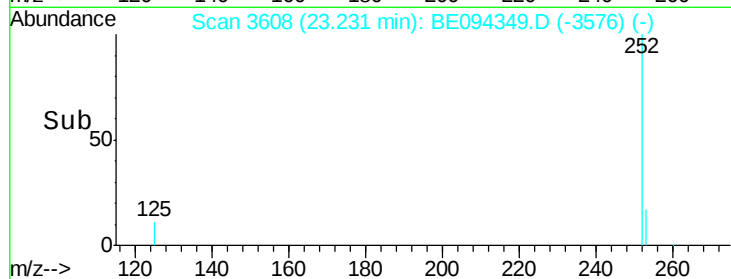
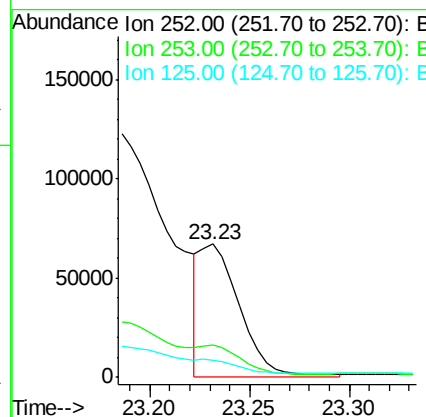
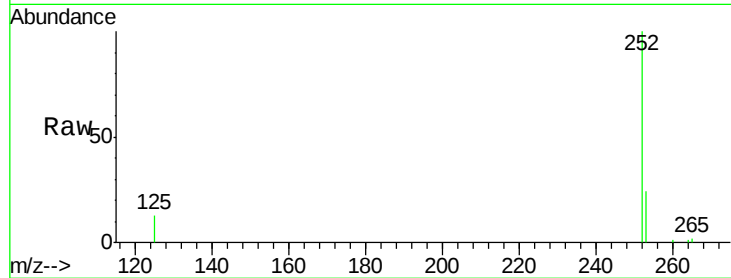
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	13.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 7.79 ng/ul

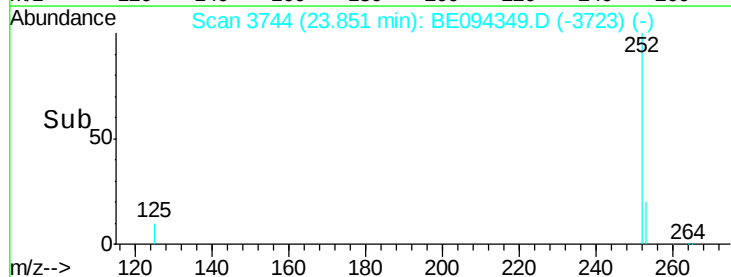
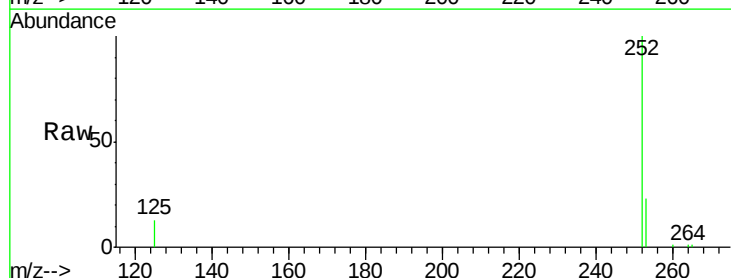
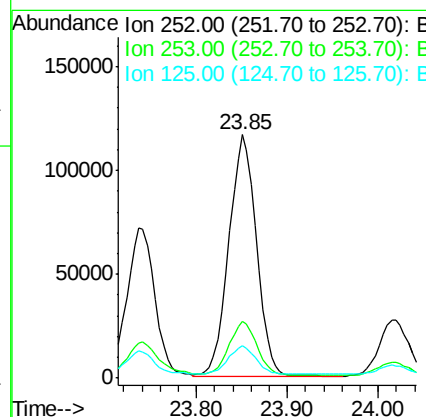
RT: 23.85 min Scan# 3744

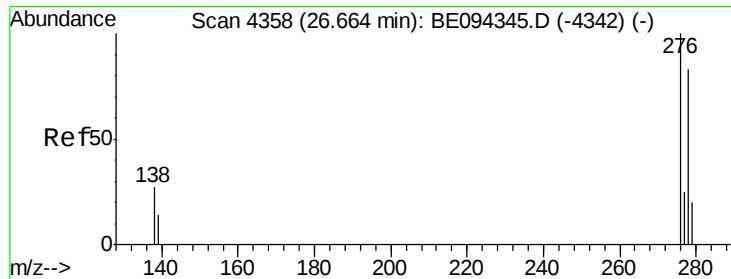
Delta R.T. -0.00 min

Lab File: BE094349.D

Acq: 14 Oct 2017 7:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.2	18.1	27.1#





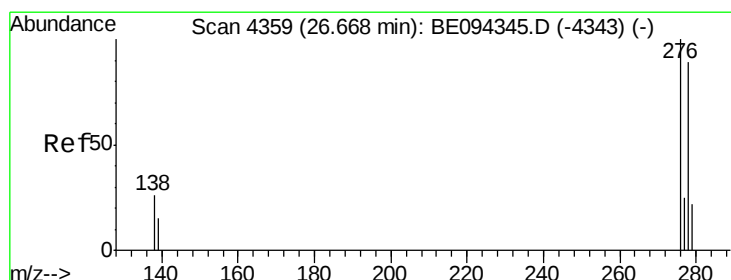
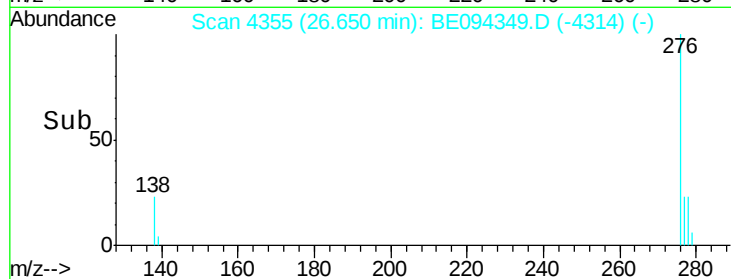
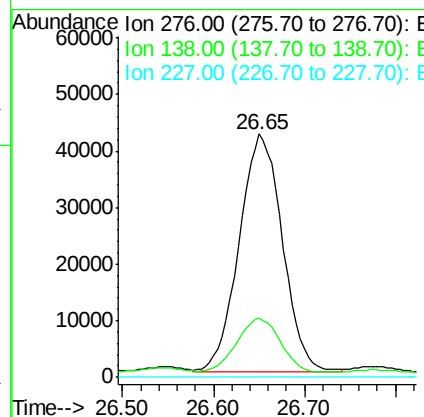
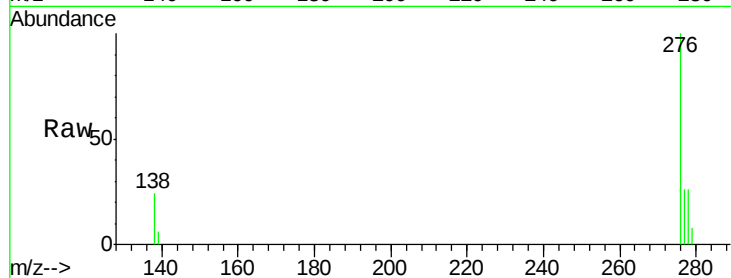
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.35 ng/ul
 RT: 26.65 min Scan# 4355
 Delta R.T. -0.01 min
 Lab File: BE094349.D
 Acq: 14 Oct 2017 7:02

Instrument :
 BNA_E
 ClientSampleId :
 B-42(7-9)-100217DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	138737		
138	22.9	28.0	42.0#	
227	0.0	8.0	12.0#	

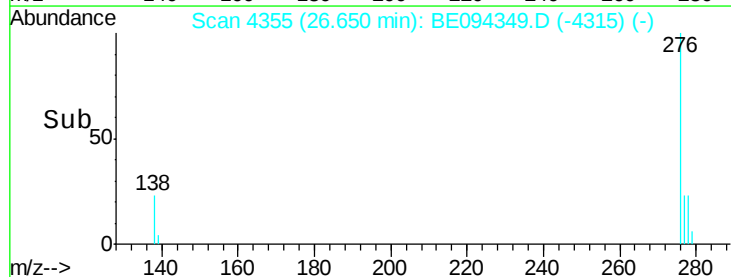
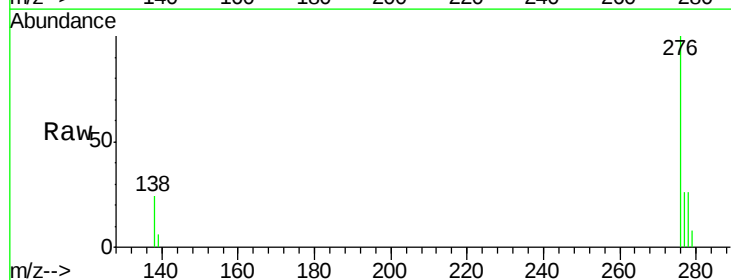
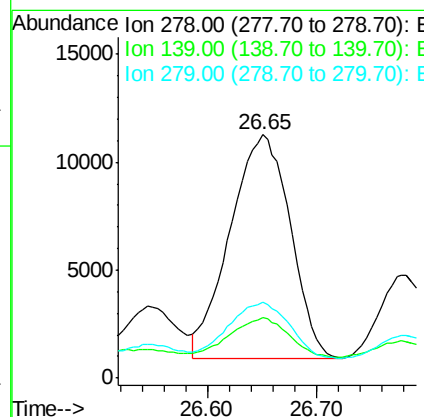
Manual Integrations
 APPROVED

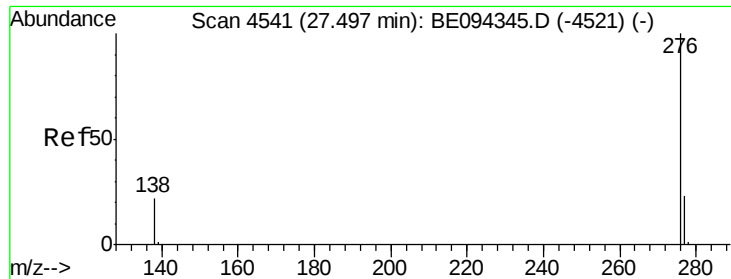
Sohil
 10/16/2017 8:23:25 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.49 ng/ul
 RT: 26.65 min Scan# 4355
 Delta R.T. -0.02 min
 Lab File: BE094349.D
 Acq: 14 Oct 2017 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	39804		
139	24.6	17.4	26.0	
279	31.1	25.9	38.9	





#26
 Benzo(g,h,i)perylene
 Concen: 4.16 ng/ul
 RT: 27.49 min Scan# 4539
 Delta R.T. -0.01 min
 Lab File: BE094349.D
 Acq: 14 Oct 2017 7:02

Instrument :
 BNA_E
 ClientSampleId :
 B-42(7-9)-100217DL

Tgt	Ion	276	Resp:	114467
	Ratio		Lower	Upper
276	100			
138	24.6	21.8	32.8	
277	25.7	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:25 PM

