

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094537.D
 Acq On : 25 Oct 2017 17:36
 Operator : SJ/JU
 Sample : I5695-04 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-74(3-4)-100417

Manual Integrations
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 10/27/2017 8:28:49 AM

Quant Time: Oct 25 19:50:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8378	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8949	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8975	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9559	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1293m	0.10	ng/ul	-0.03
14) Fluoranthene-d10	19.28	212	1672	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	14142	0.690	ng/ul#	1
5) 2-Methylnaphthalene	12.35	142	2215	0.155	ng/ul	97
7) Acenaphthylene	14.24	152	2472	0.123	ng/ul#	1
8) Acenaphthene	14.57	153	4088	0.284	ng/ul#	80
9) Fluorene	15.56	166	3958	0.245	ng/ul#	67
12) Phenanthrene	17.29	178	7852	0.332	ng/ul#	85
15) Fluoranthene	19.31	202	5969	0.218	ng/ul	83
17) Pyrene	19.67	202	6353	0.229	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	3289	0.128	ng/ul#	63
19) Chrysene	21.46	228	3740	0.141	ng/ul#	62
21) Benzo(b)fluoranthene	23.17	252	6928m	0.258	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2260m	0.078	ng/ul	
23) Benzo(a)pyrene	23.83	252	4905	0.182	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	26.64	276	4255	0.153	ng/ul#	78
26) Benzo(g,h,i)perylene	27.47	276	4115	0.184	ng/ul#	52

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

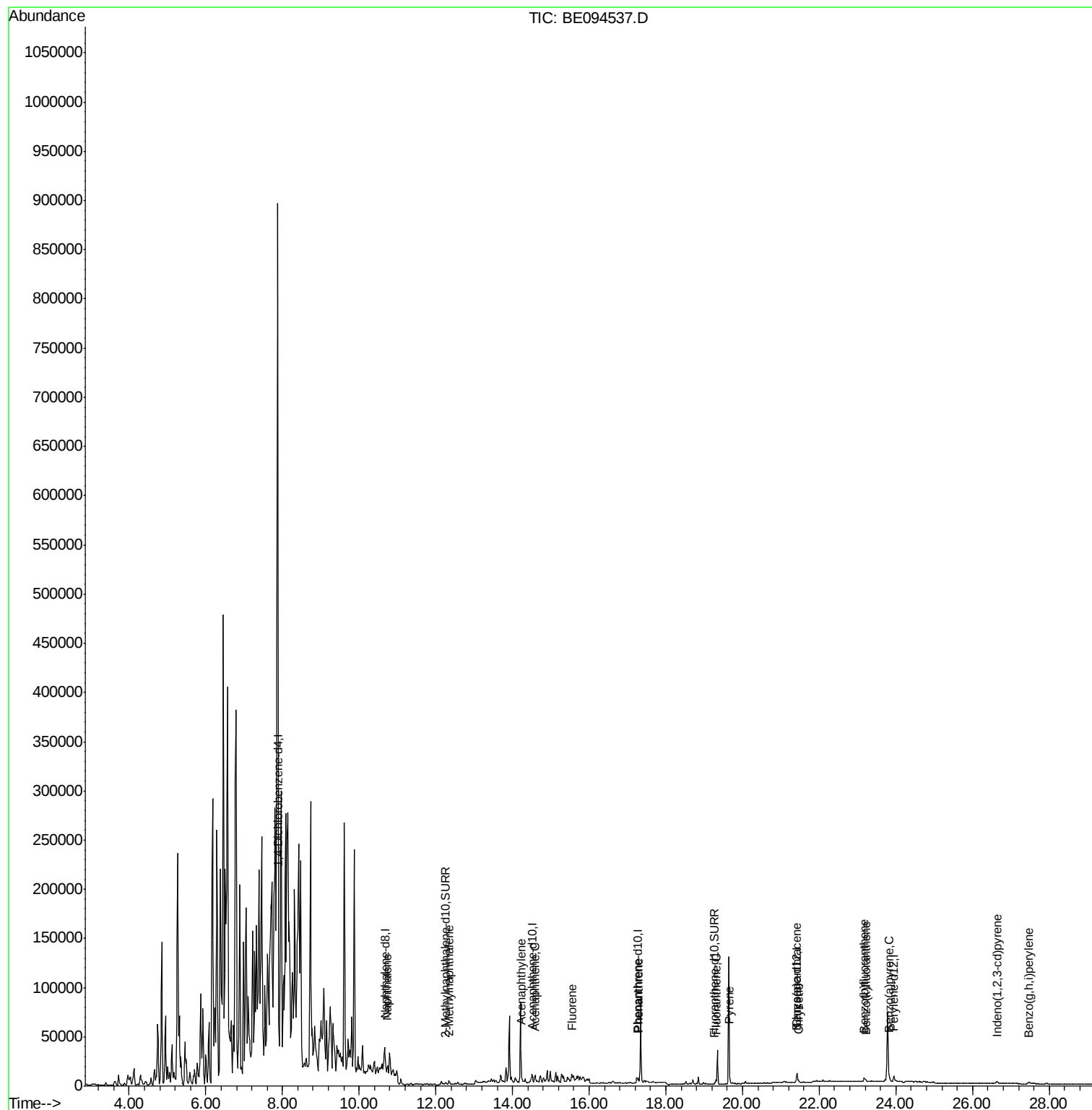
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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ALS Vial : 14 Sample Multiplier: 1

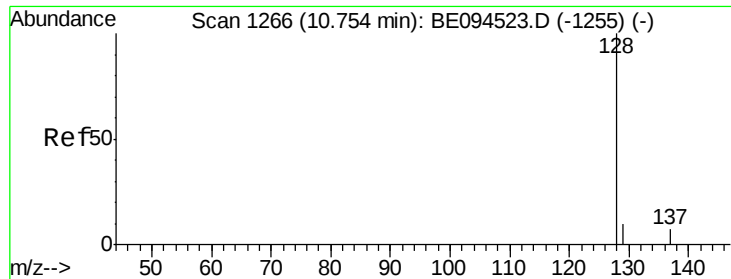
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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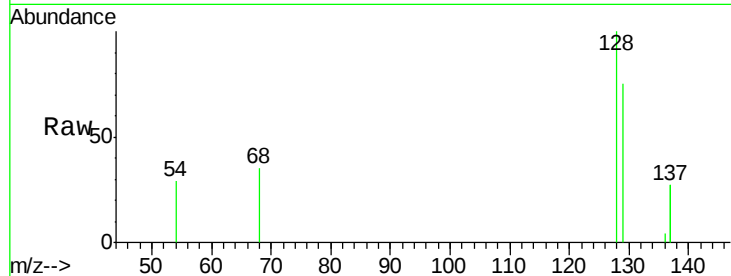
#3
Naphthalene
Concen: 0.690 ng/ul
RT: 10.73 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE094537.D
Acq: 25 Oct 2017 17:36

Instrument :
BNA_E
ClientSampleId :
B-74(3-4)-100417

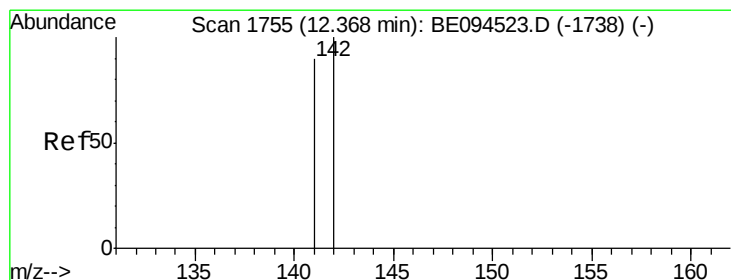
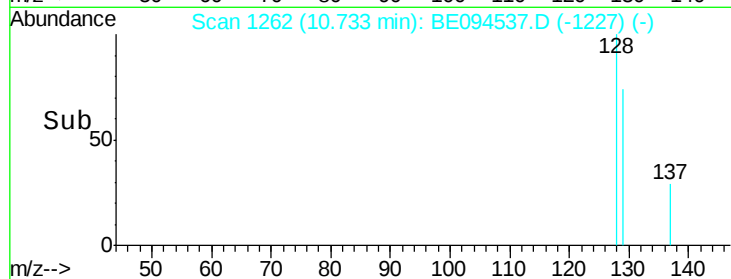
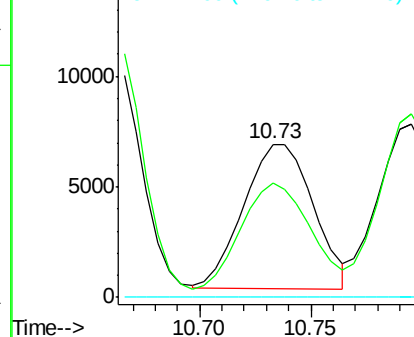
Tgt Ion	Ratio	Lower	Upper
128	100		
129	74.6	11.3	16.9#
127	0.0	4.0	6.0#

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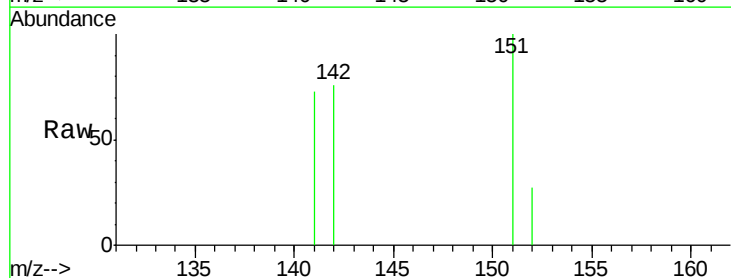


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

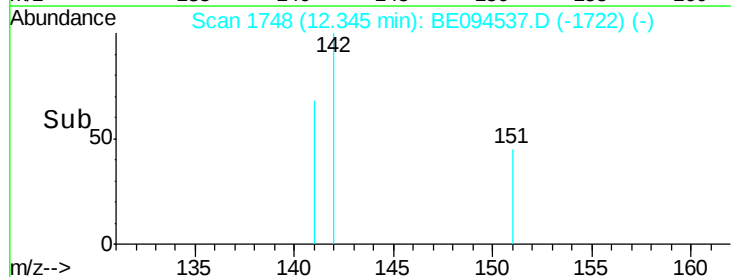
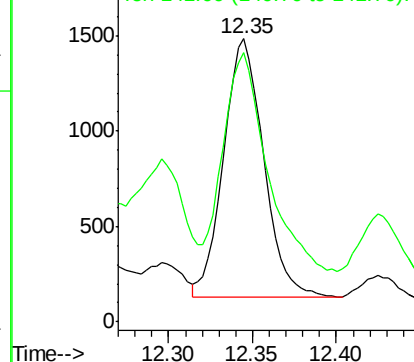


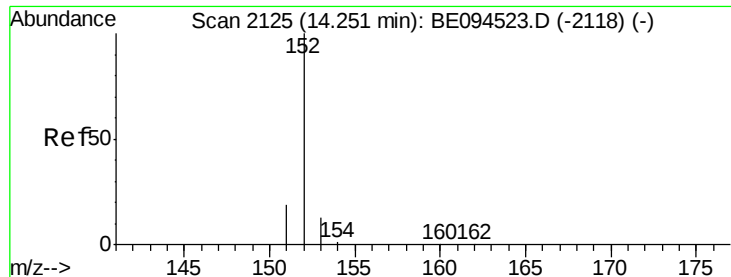
#5
2-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE094537.D
Acq: 25 Oct 2017 17:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.123 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

Instrument :

BNA_E

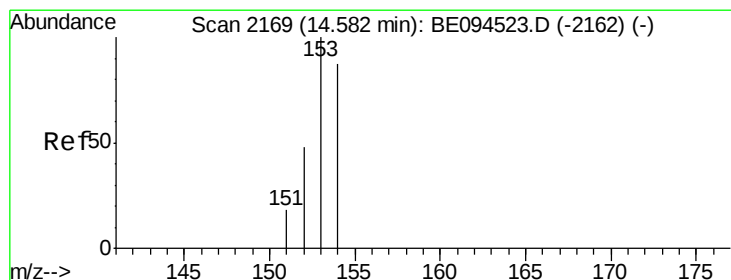
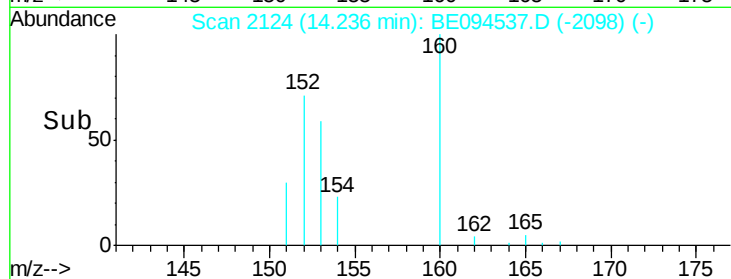
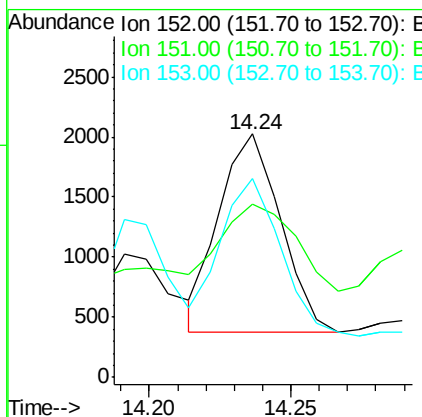
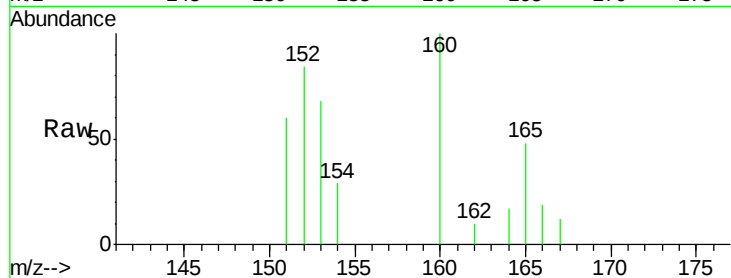
ClientSampled :

B-74(3-4)-100417

Tgt Ion:	152	Resp:	2472
Ion Ratio	Lower	Upper	
152	100		
151	71.3	17.1	25.7#
153	81.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.284 ng/ul

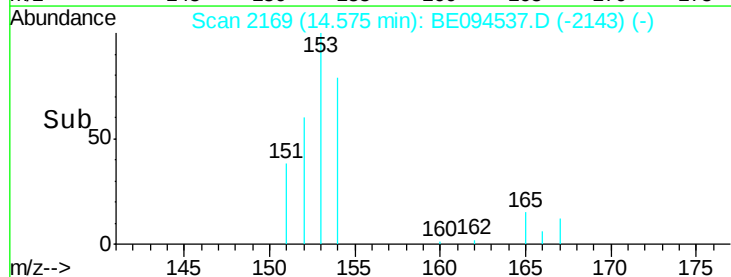
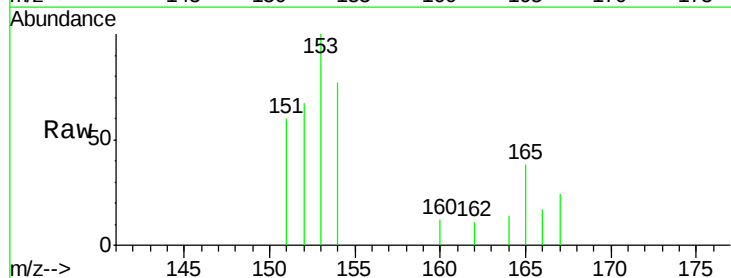
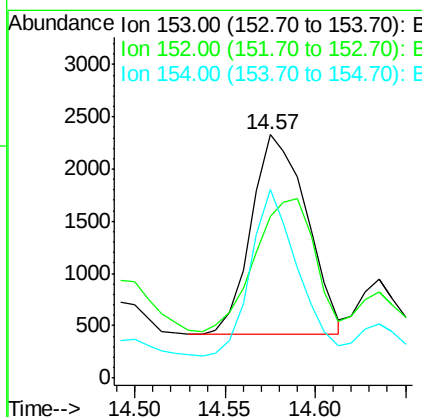
RT: 14.57 min Scan# 2169

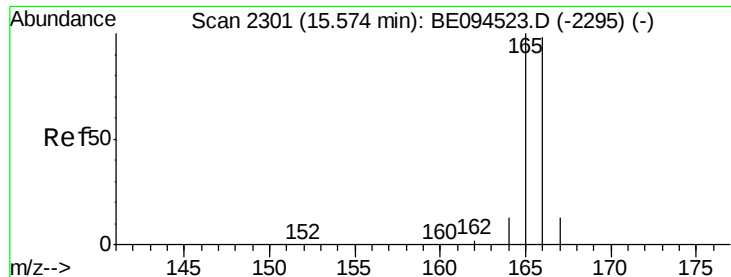
Delta R.T. -0.01 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

Tgt Ion:	153	Resp:	4088
Ion Ratio	Lower	Upper	
153	100		
152	66.6	36.0	54.0#
154	77.2	72.0	108.0





#9

Fluorene

Concen: 0.245 ng/ul

RT: 15.56 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

Instrument :

BNA_E

ClientSampleId :

B-74(3-4)-100417

Tgt Ion:166 Resp: 3958

Ion Ratio Lower Upper

166 100

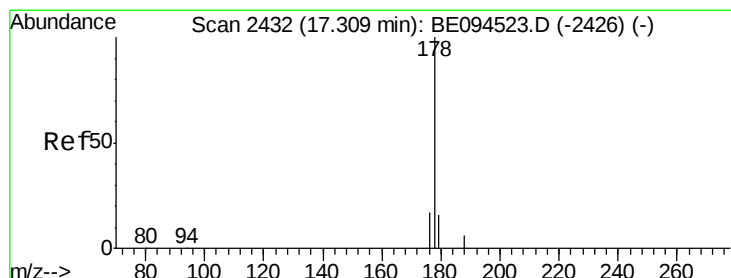
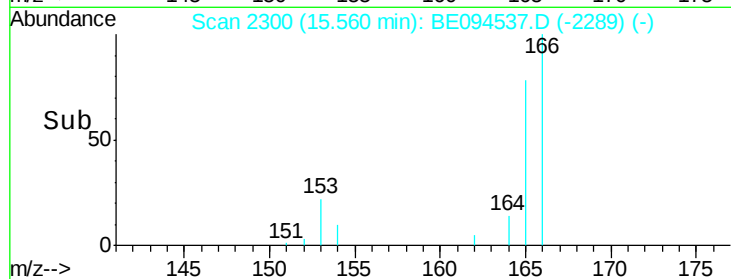
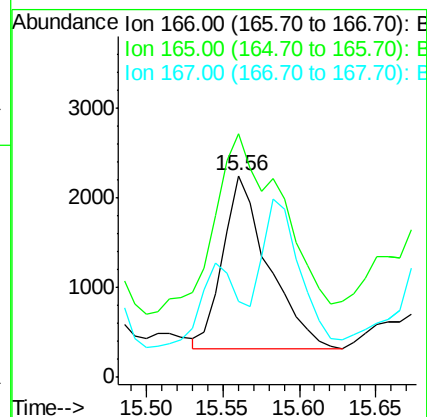
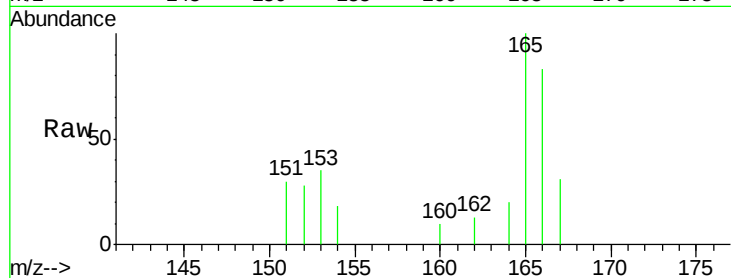
165 120.7 73.4 110.2#

167 37.9 14.6 22.0#

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#12

Phenanthrene

Concen: 0.332 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

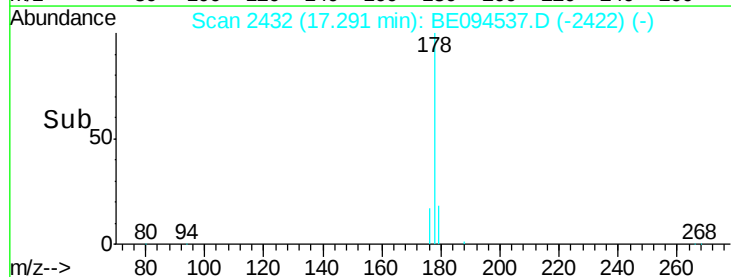
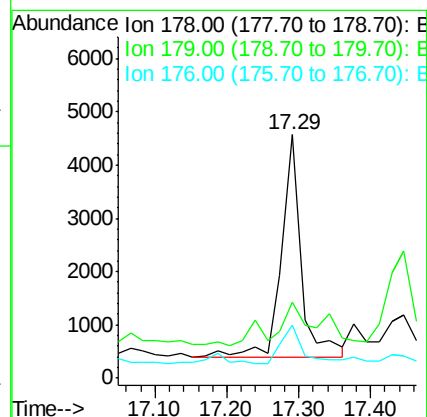
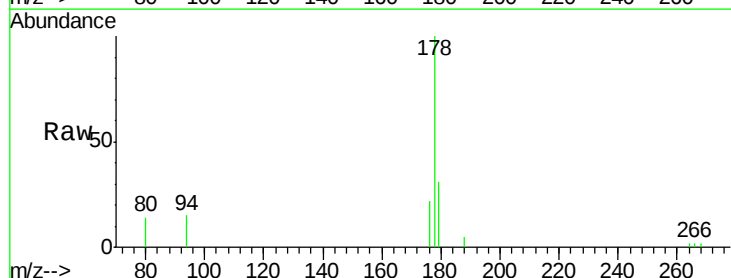
Tgt Ion:178 Resp: 7852

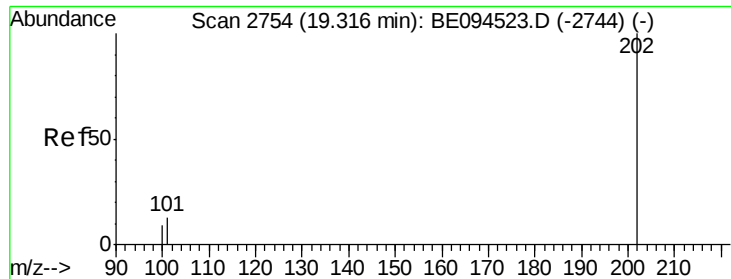
Ion Ratio Lower Upper

178 100

179 31.3 18.4 27.6#

176 21.7 13.6 20.4#





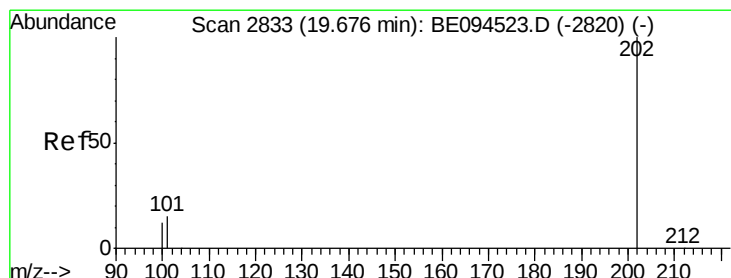
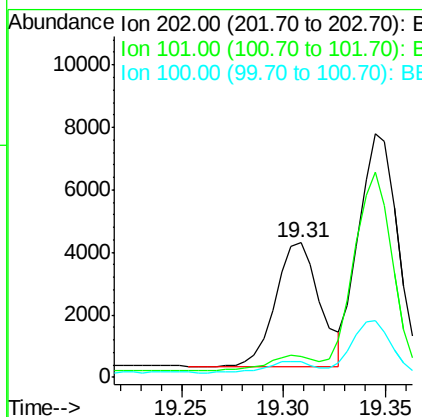
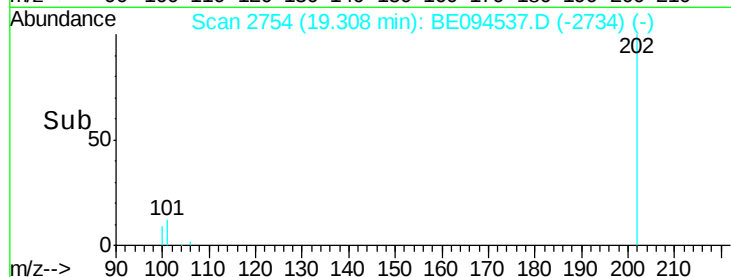
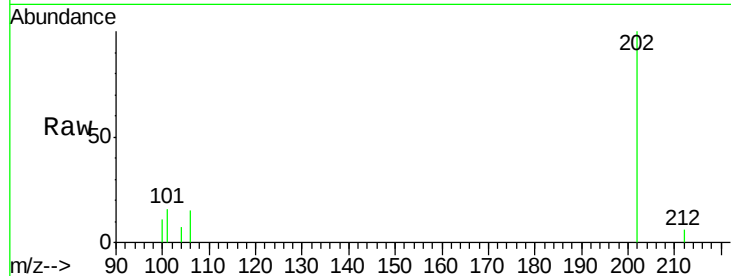
#15
Fluoranthene
Concen: 0.218 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE094537.D
Acq: 25 Oct 2017 17:36

Instrument :
BNA_E
ClientSampleId :
B-74(3-4)-100417

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5969		
101	15.8	0.0	30.3	
100	11.4	0.0	39.5	

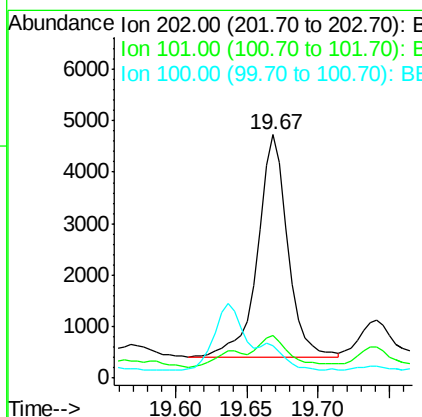
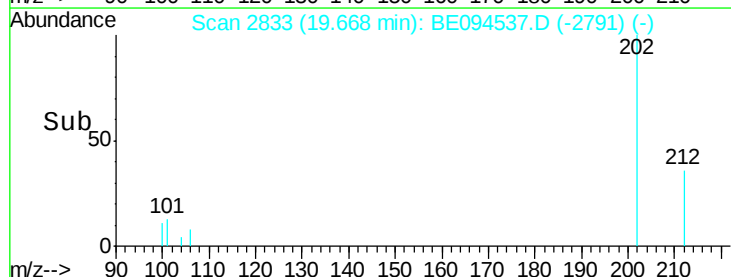
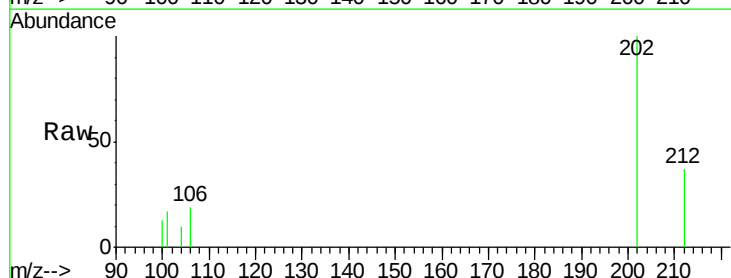
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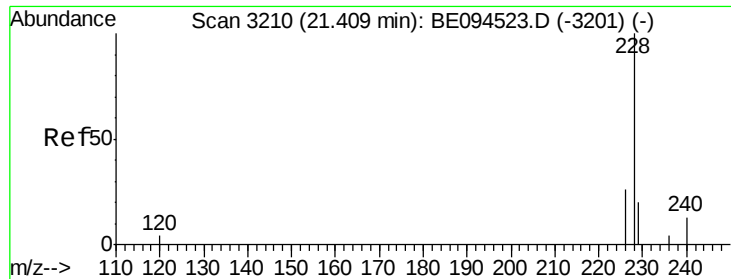
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#17
Pyrene
Concen: 0.229 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094537.D
Acq: 25 Oct 2017 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6353		
101	17.3	18.2	27.4#	
100	13.3	15.6	23.4#	





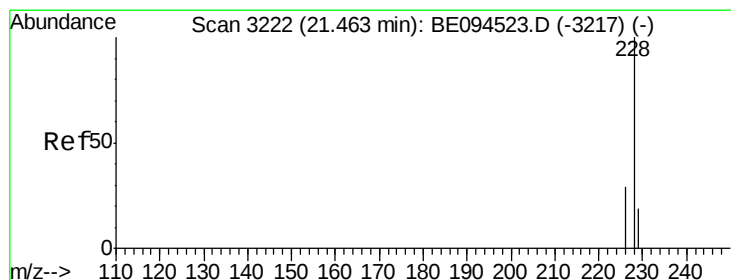
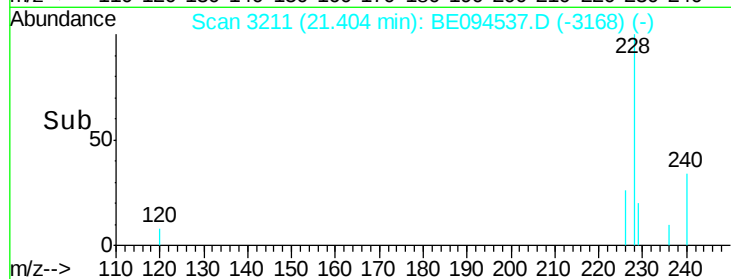
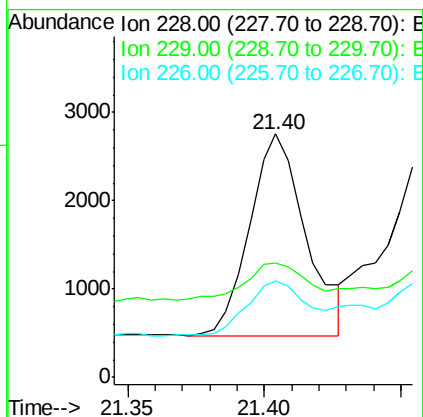
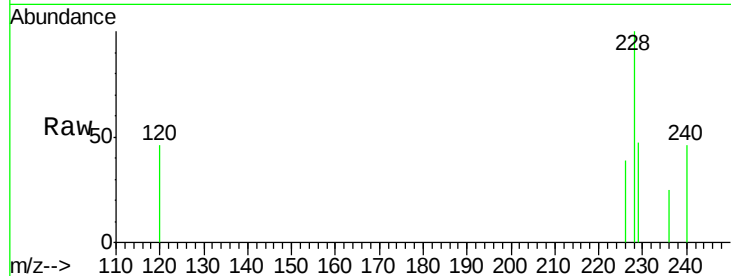
#18
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.40 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094537.D
Acq: 25 Oct 2017 17:36

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	47.1	22.8	34.2#
226	39.5	17.0	25.6#

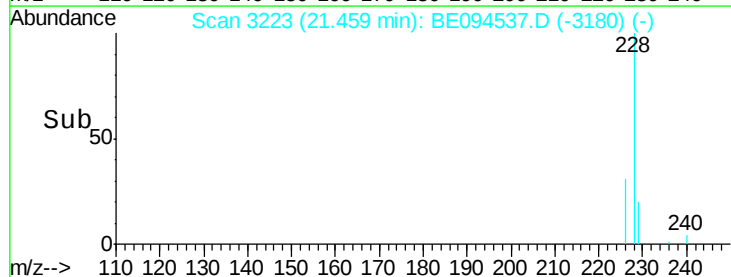
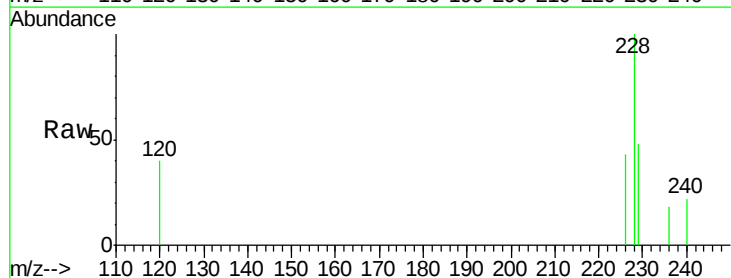
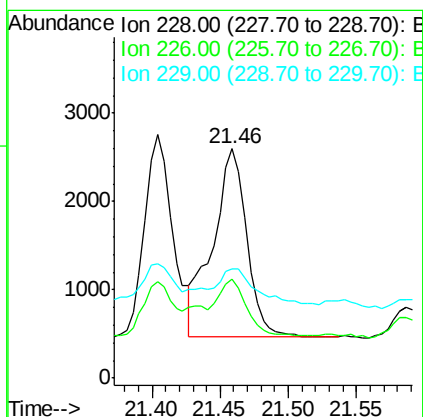
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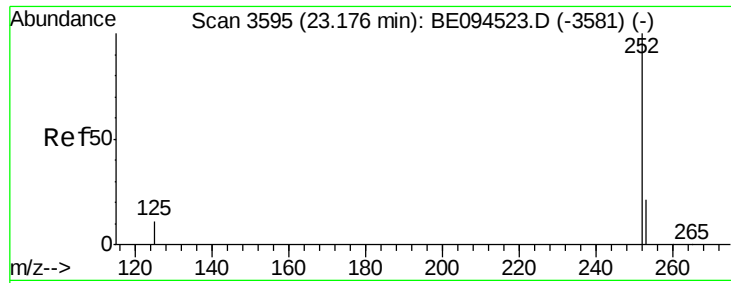
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#19
Chrysene
Concen: 0.141 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094537.D
Acq: 25 Oct 2017 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.3	23.4	35.0#
229	47.7	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.258 ng/ul m

RT: 23.17 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

Instrument :

BNA_E

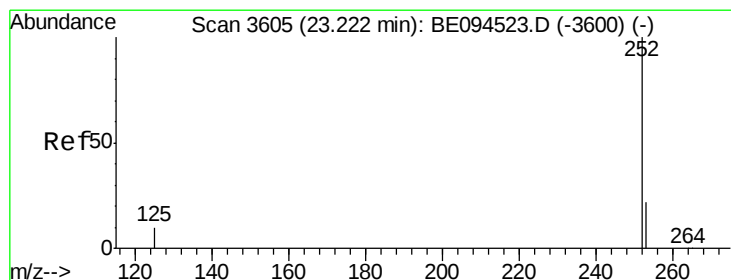
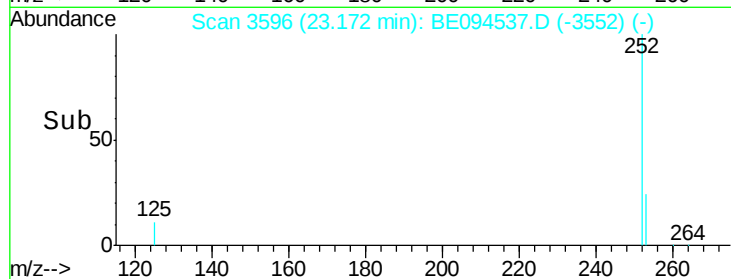
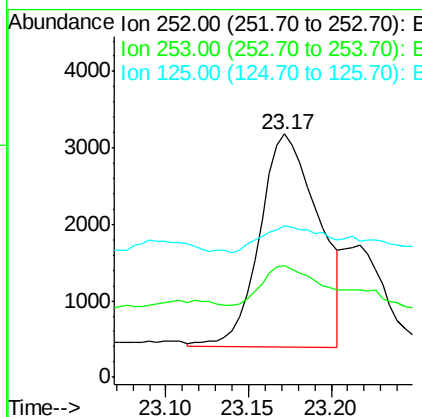
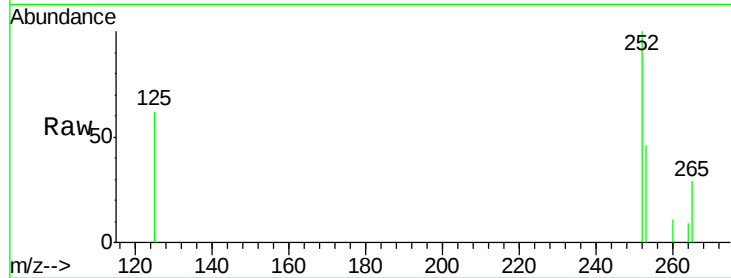
ClientSampleId :

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Tgt Ion:	252	Resp:	6928
Ion Ratio	Lower	Upper	
252	100		
253	46.1	0.0	64.2
125	62.4	0.0	35.0#

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#22

Benzo(k)fluoranthene

Concen: 0.078 ng/ul m

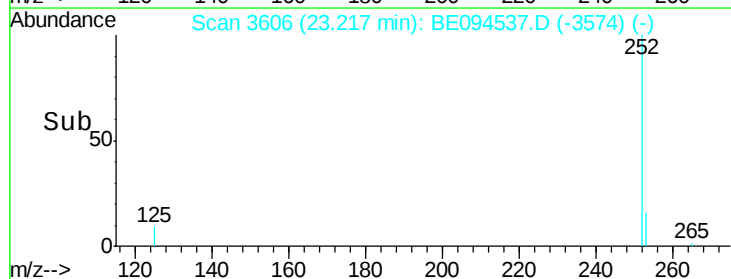
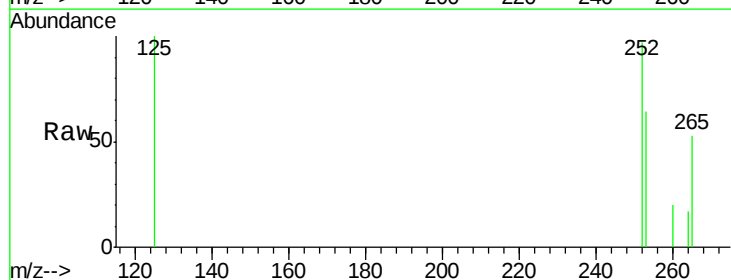
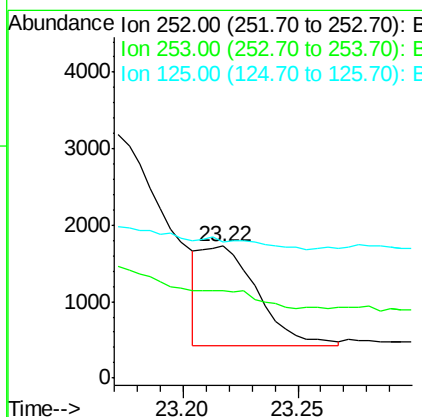
RT: 23.22 min Scan# 3606

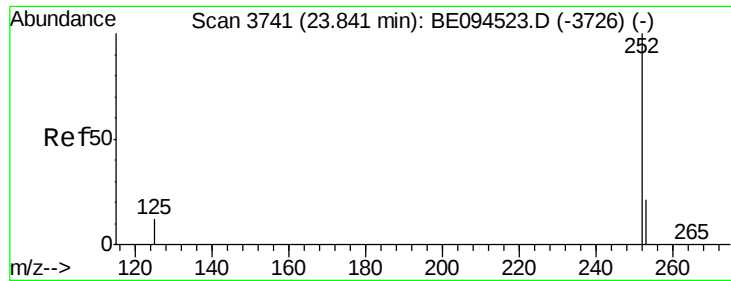
Delta R.T. -0.00 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

Tgt Ion:	252	Resp:	2260
Ion Ratio	Lower	Upper	
252	100		
253	66.0	24.5	36.7#
125	103.4	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.182 ng/u1

RT: 23.83 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BE094537.D

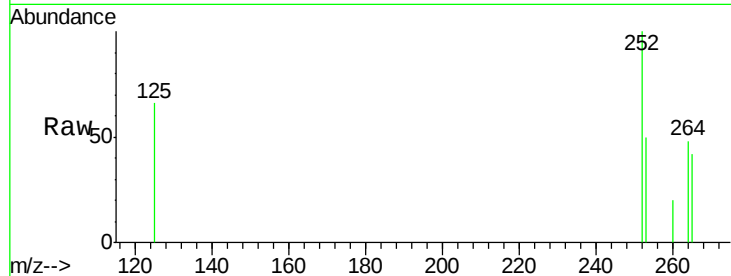
Acq: 25 Oct 2017 17:36

Instrument :

BNA_E

ClientSampleId :

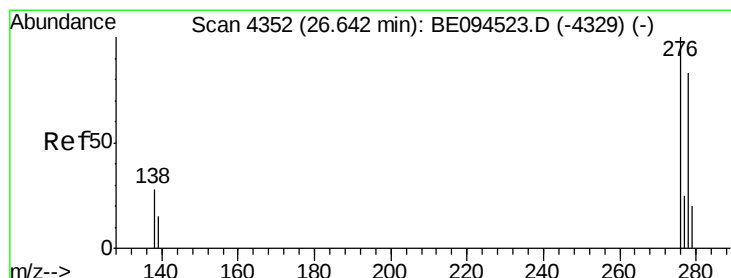
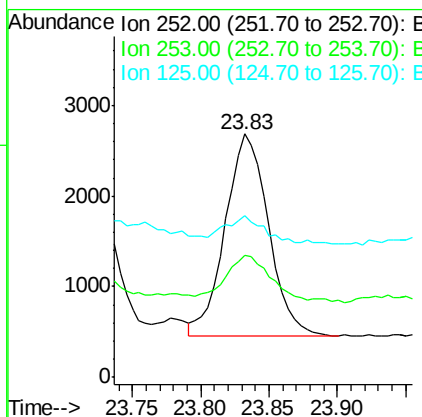
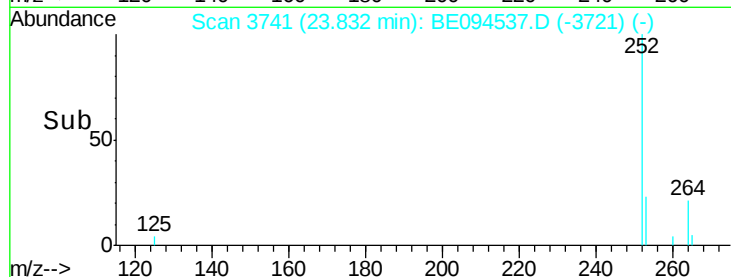
B-74(3-4)-100417



Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.0	28.5	42.7#
125	66.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.153 ng/u1

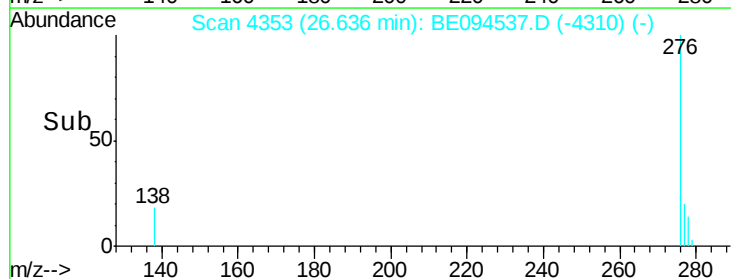
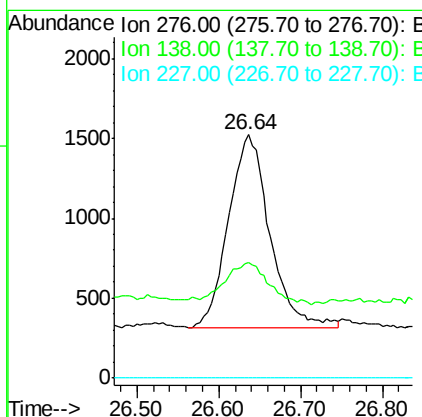
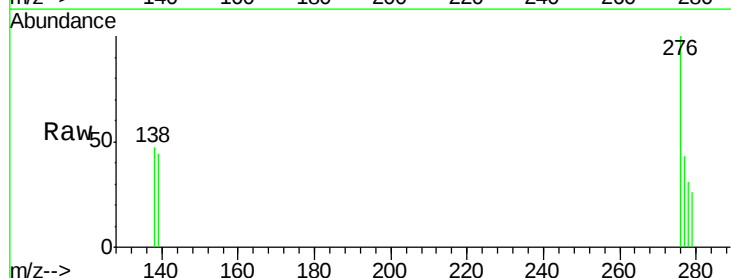
RT: 26.64 min Scan# 4353

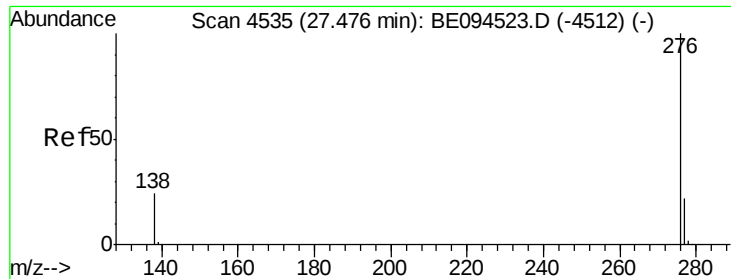
Delta R.T. -0.01 min

Lab File: BE094537.D

Acq: 25 Oct 2017 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.184 ng/ul
 RT: 27.47 min Scan# 4537
 Delta R.T. -0.01 min
 Lab File: BE094537.D
 Acq: 25 Oct 2017 17:36

Instrument :
 BNA_E
 ClientSampleId :
 B-74(3-4)-100417

Tgt Ion	Ratio	Lower	Upper
276	100		
138	54.7	21.8	32.8#
277	47.5	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:28:49 AM

