

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094592.D
 Acq On : 27 Oct 2017 12:45
 Operator : SJ/JU
 Sample : I5786-11 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-66(1.5-2.5) 101017

Manual Integrations
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 10/27/2017 5:36:09 PM

Quant Time: Oct 27 13:49:54 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1681	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9567	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11965	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	11773	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	12158	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	676	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1554	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	2459	0.105	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	996	0.061	ng/ul	95
7) Acenaphthylene	14.25	152	2561	0.103	ng/ul	95
8) Acenaphthene	14.58	153	587	0.033	ng/ul#	92
9) Fluorene	15.57	166	860	0.043	ng/ul#	82
12) Phenanthrene	17.29	178	28662m	0.907	ng/ul	
13) Anthracene	17.40	178	6778	0.217	ng/ul	98
15) Fluoranthene	19.32	202	96443	2.640	ng/ul	84
17) Pyrene	19.68	202	94936	2.608	ng/ul#	79
18) Benzo(a)anthracene	21.42	228	71931	2.137	ng/ul#	91
19) Chrysene	21.47	228	84388m	2.426	ng/ul	
21) Benzo(b)fluoranthene	23.20	252	129059m	3.774	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	43849m	1.196	ng/ul	
23) Benzo(a)pyrene	23.87	252	91482	2.676	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.70	276	65492	1.851	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.69	278	16240	0.545	ng/ul#	42
26) Benzo(g,h,i)perylene	27.55	276	55361	1.949	ng/ul#	88

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

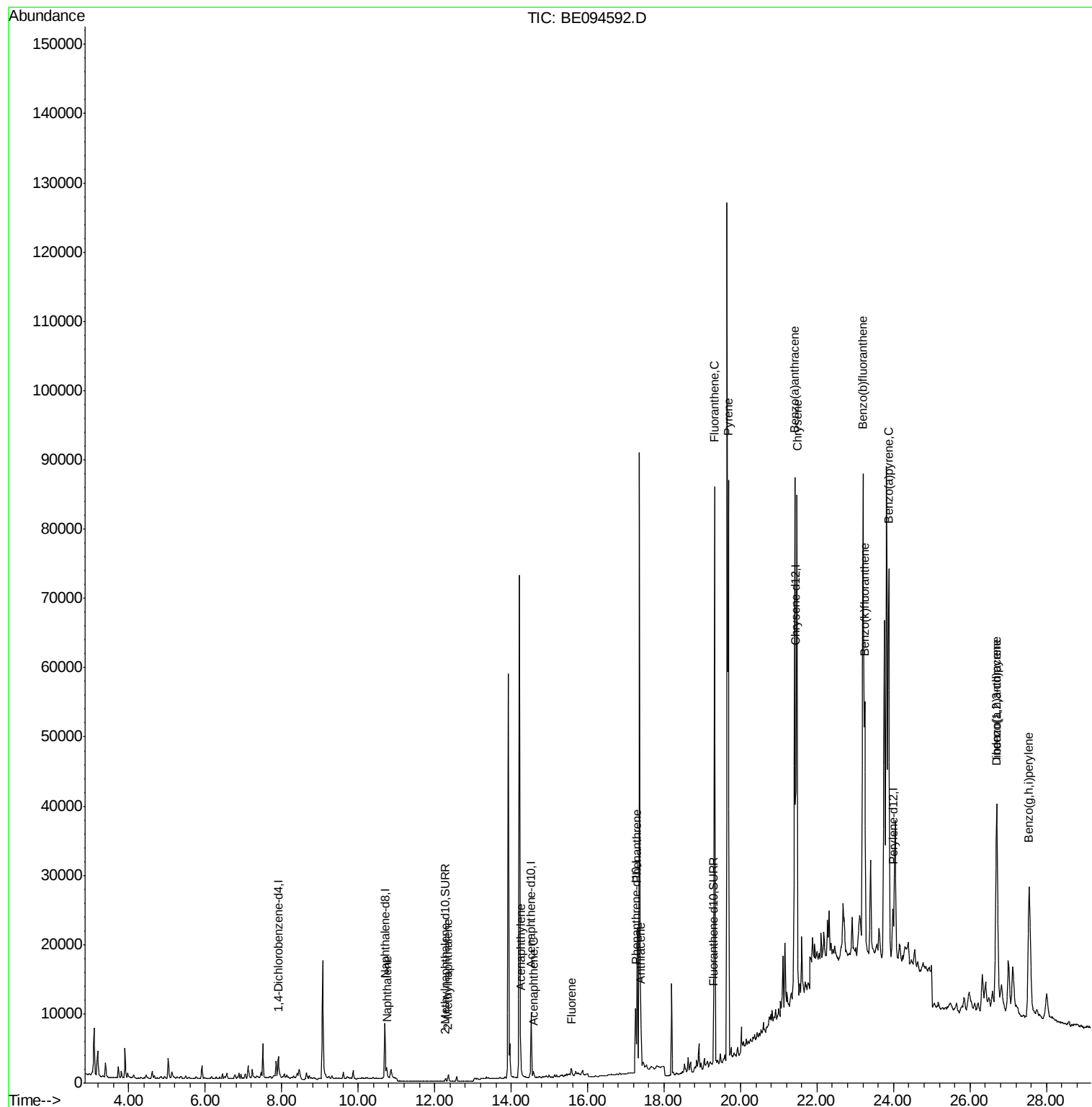
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 35 Sample Multiplier: 1

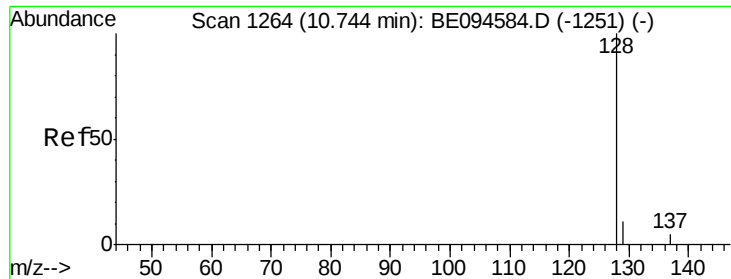
Instrument :
BNA_E
ClientSampleId :
B-66(1.5-2.5) 101017

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Fri Oct 27 04:05:19 2017
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#3

Naphthalene

Concen: 0.105 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Instrument :

BNA_E

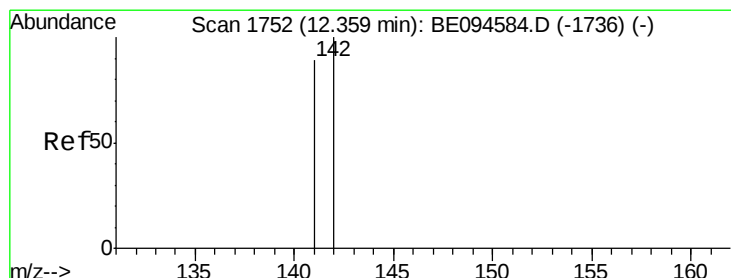
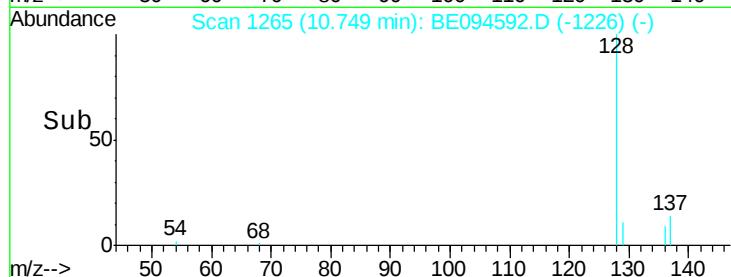
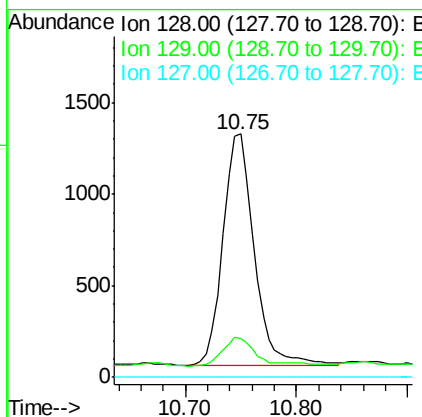
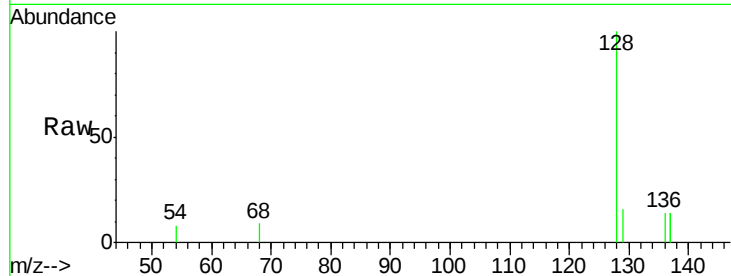
ClientSampleId :

B-66(1.5-2.5) 101017

Tgt Ion:	128	Resp:	2459
Ion Ratio	Lower	Upper	
128	100		
129	15.7	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

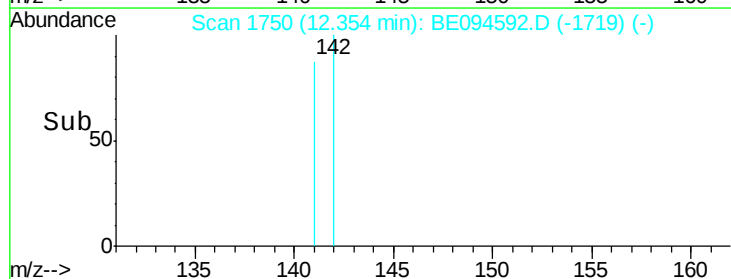
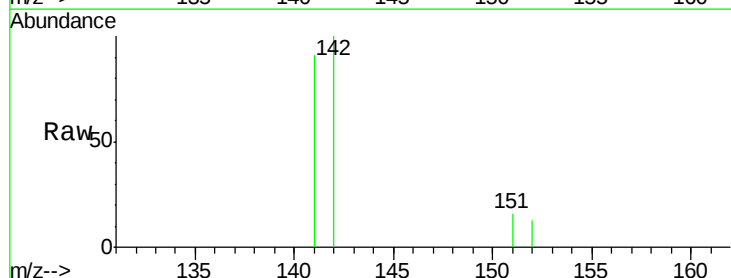
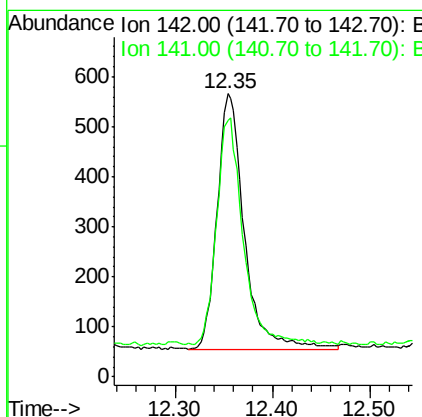
RT: 12.35 min Scan# 1750

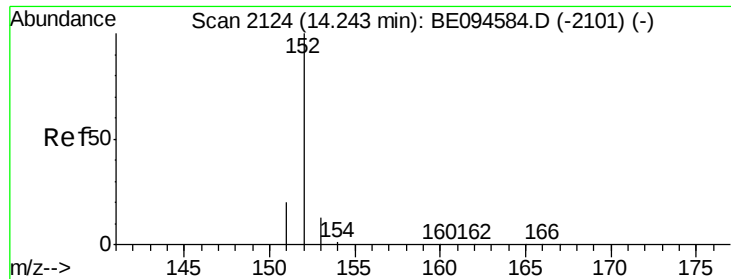
Delta R.T. -0.01 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Tgt Ion:	142	Resp:	996
Ion Ratio	Lower	Upper	
142	100		
141	86.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.103 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Instrument :

BNA_E

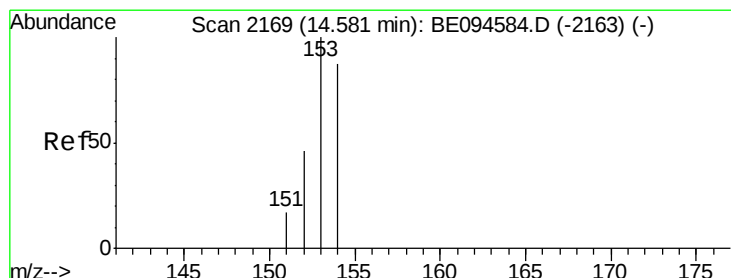
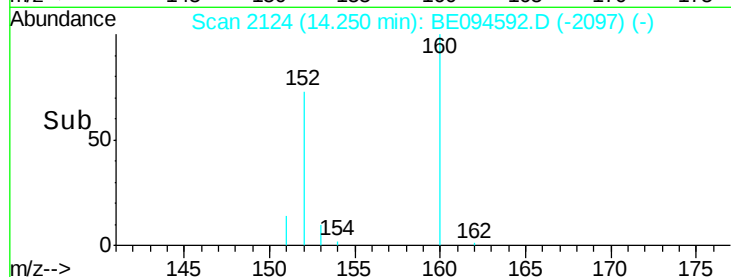
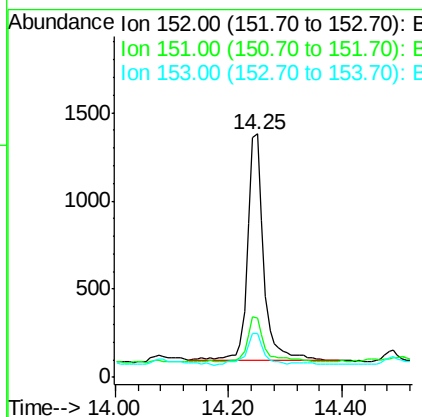
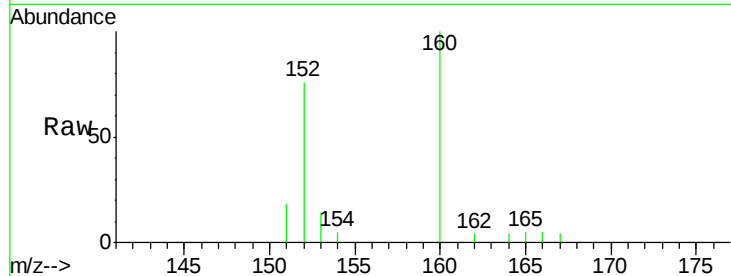
ClientSampleId :

B-66(1.5-2.5) 101017

Tgt Ion:	152	Resp:	2561
Ion Ratio	Lower	Upper	
152	100		
151	24.2	17.1	25.7
153	18.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.033 ng/ul

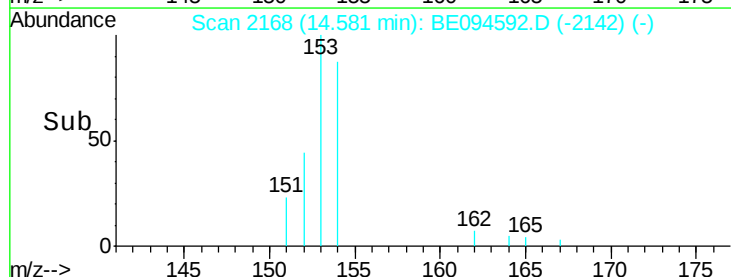
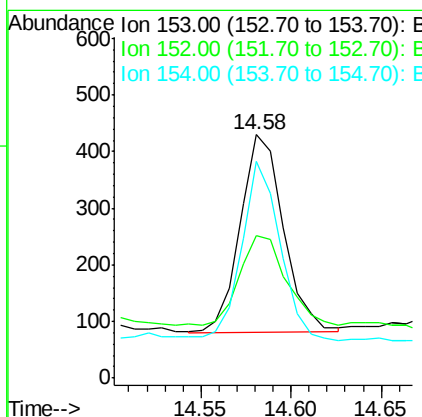
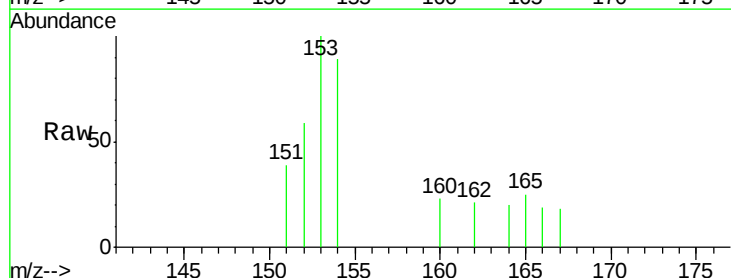
RT: 14.58 min Scan# 2168

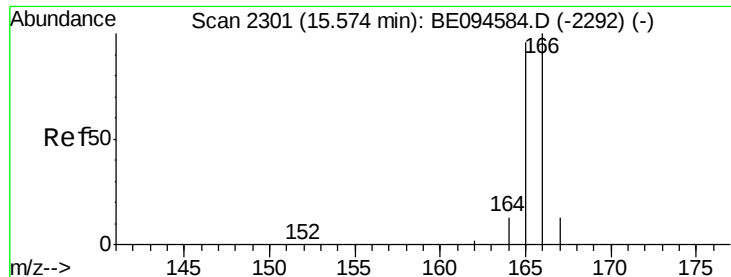
Delta R.T. -0.01 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Tgt Ion:	153	Resp:	587
Ion Ratio	Lower	Upper	
153	100		
152	58.6	36.0	54.0#
154	89.1	72.0	108.0





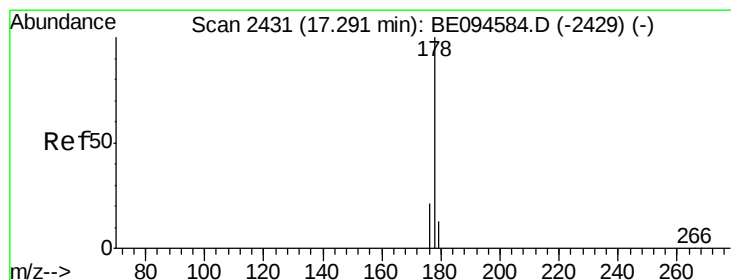
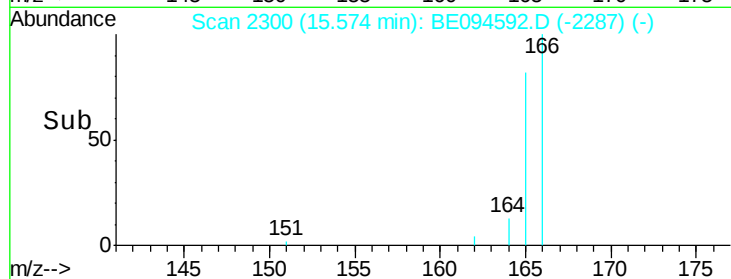
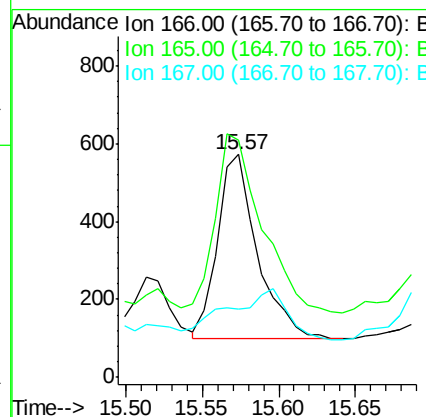
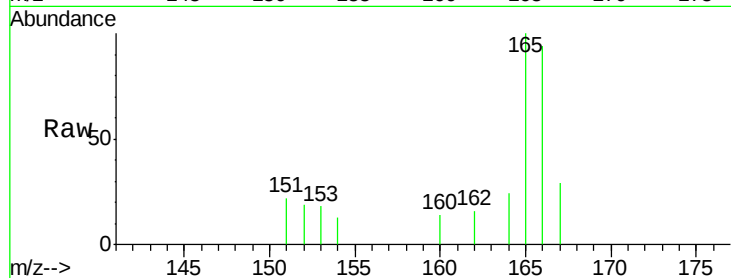
#9
Fluorene
 Concen: 0.043 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

Instrument :
 BNA_E
 ClientSampleId :
 B-66(1.5-2.5)_101017

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.8	73.4	110.2
167	30.6	14.6	22.0

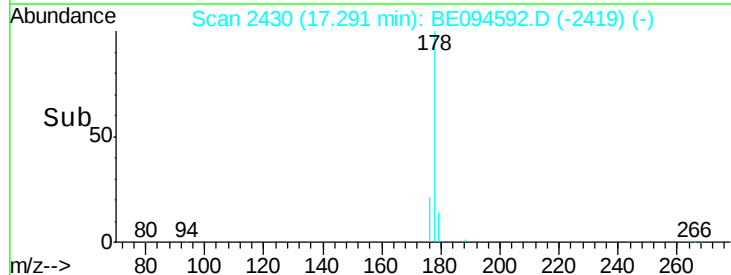
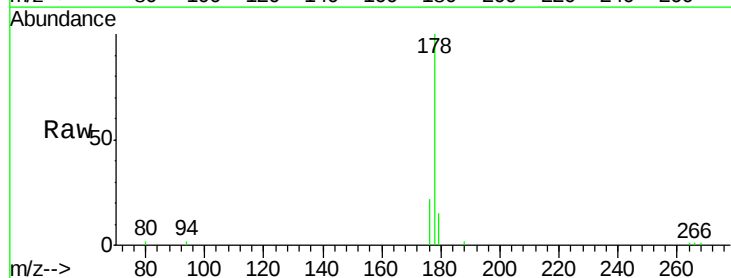
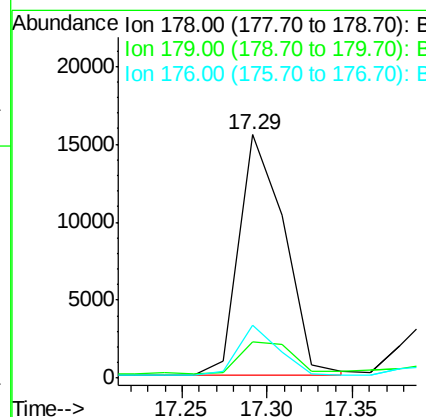
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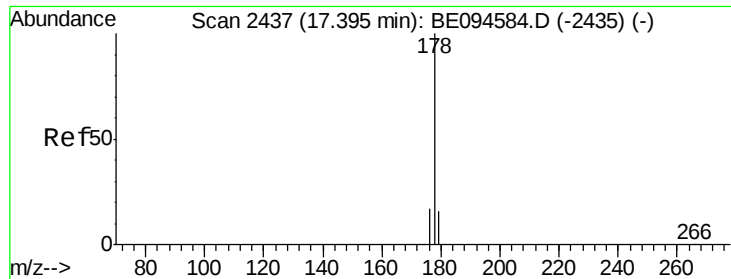
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#12
Phenanthrene
 Concen: 0.907 ng/ul m
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6
176	21.9	13.6	20.4





#13

Anthracene

Concen: 0.217 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Instrument :

BNA_E

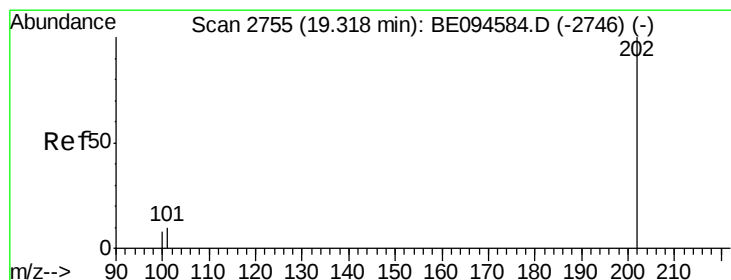
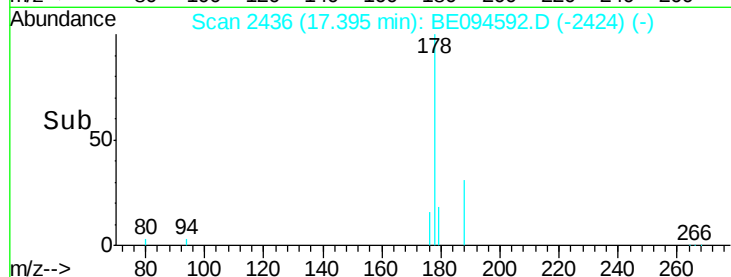
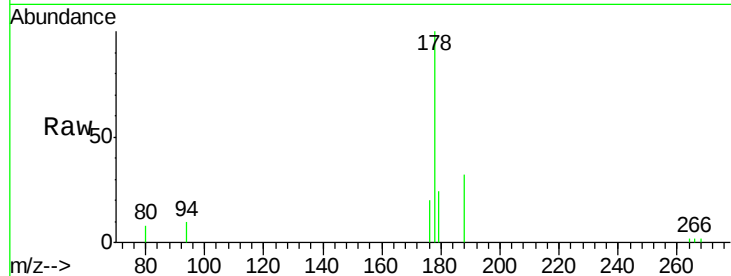
ClientSampleId :

B-66(1.5-2.5) 101017

Tgt Ion:	178	Resp:	6778
Ion Ratio	Lower	Upper	
178	100		
179	23.7	18.1	27.1
176	19.5	14.7	22.1

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#15

Fluoranthene

Concen: 2.640 ng/ul

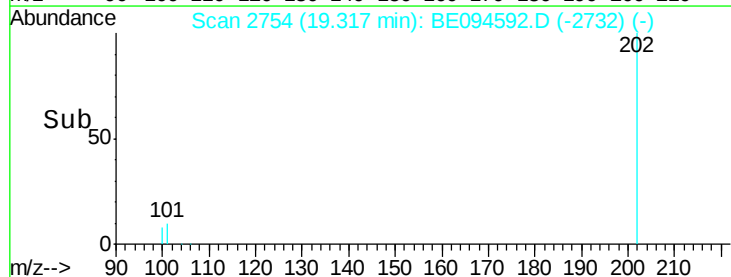
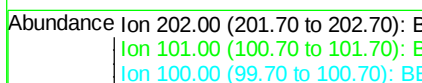
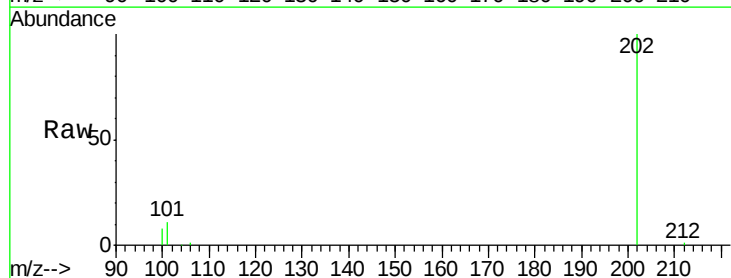
RT: 19.32 min Scan# 2754

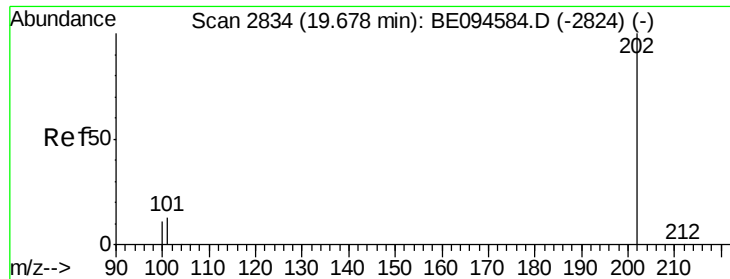
Delta R.T. 0.00 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Tgt Ion:	202	Resp:	96443
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5





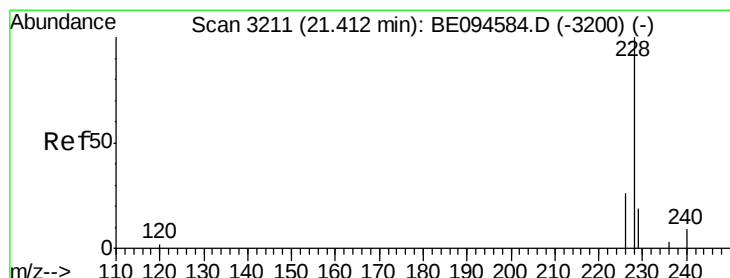
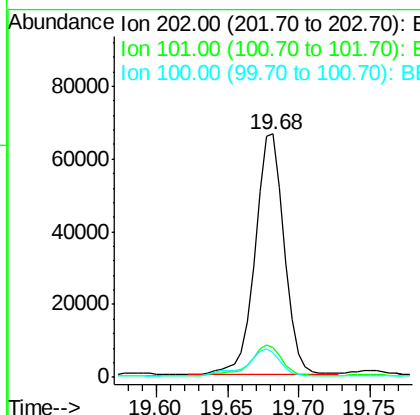
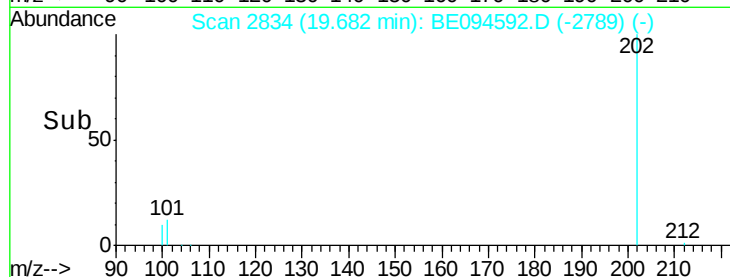
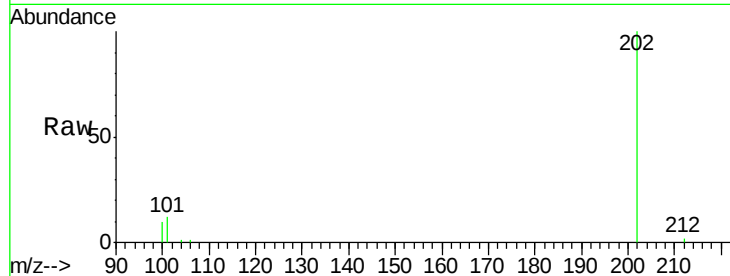
#17
Pyrene
 Concen: 2.608 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

Instrument :
 BNA_E
 ClientSampleId :
 B-66(1.5-2.5) 101017

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	94936		
101	12.4	18.2	27.4#	
100	10.2	15.6	23.4#	

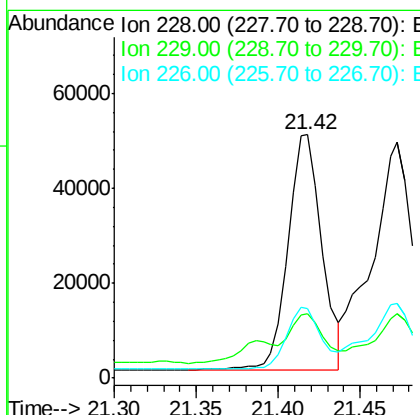
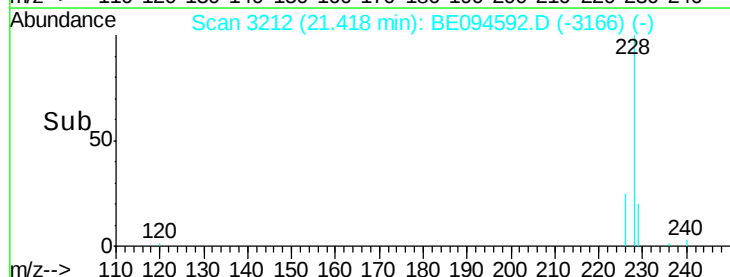
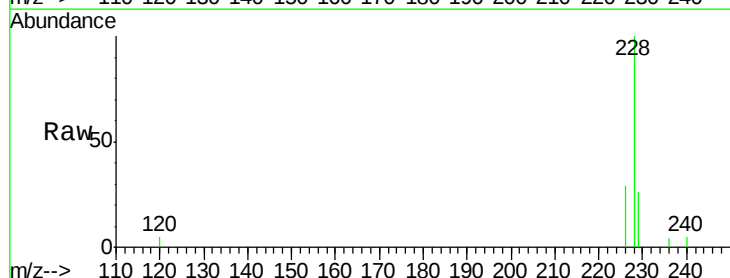
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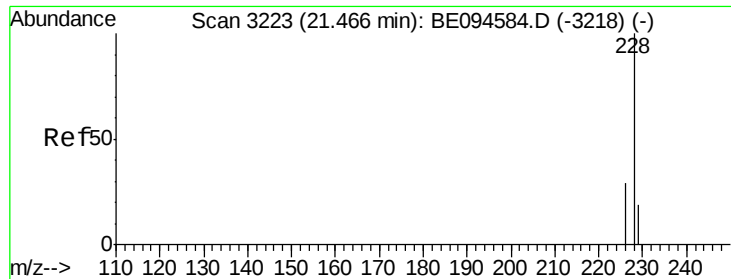
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#18
Benzo(a)anthracene
 Concen: 2.137 ng/ul
 RT: 21.42 min Scan# 3212
 Delta R.T. 0.01 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	71931		
229	26.5	22.8	34.2	
226	28.8	17.0	25.6#	





#19

Chrysene

Concen: 2.426 ng/ul m

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Instrument :

BNA_E

ClientSampleId :

B-66(1.5-2.5) 101017

Tgt Ion:228 Resp: 84388

Ion Ratio Lower Upper

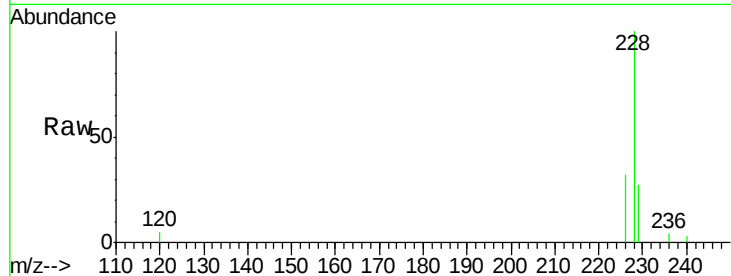
228 100

226 31.7 23.4 35.0

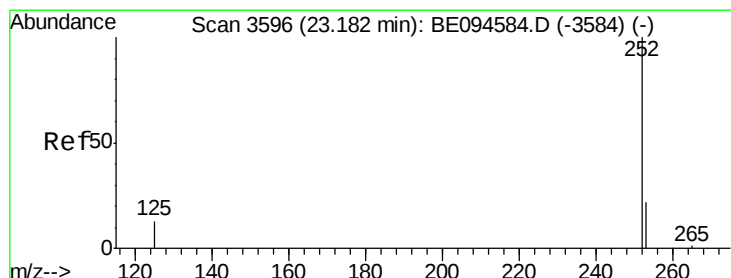
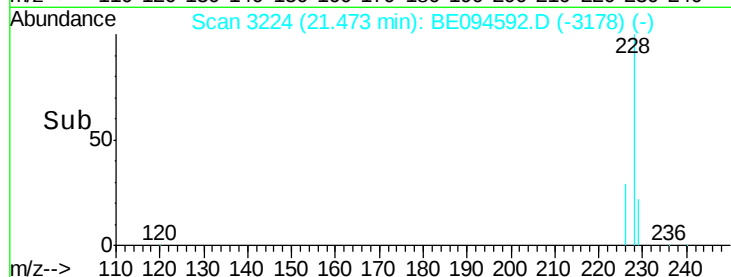
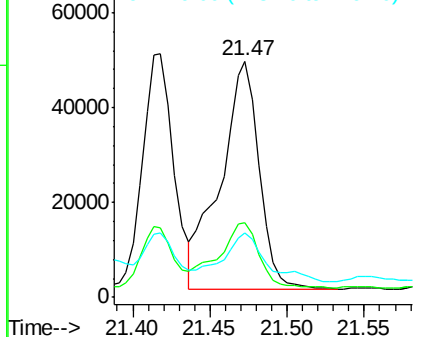
229 27.0 17.7 26.5#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 3.774 ng/ul m

RT: 23.20 min Scan# 3600

Delta R.T. 0.02 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

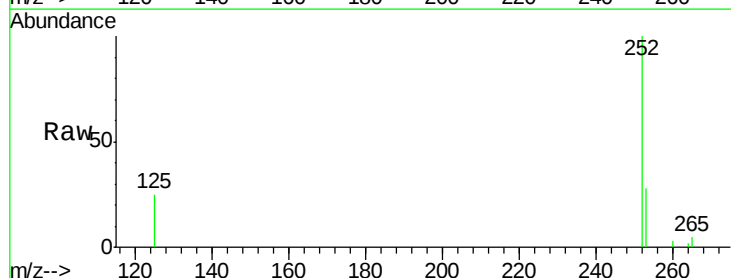
Tgt Ion:252 Resp: 129059

Ion Ratio Lower Upper

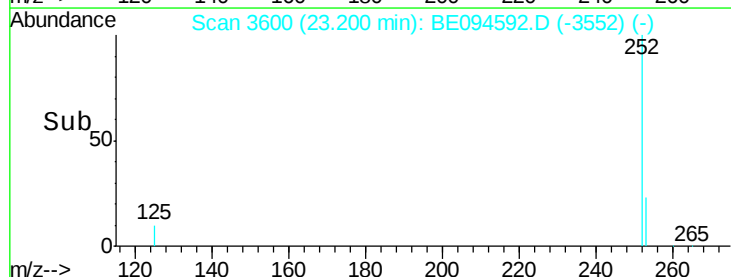
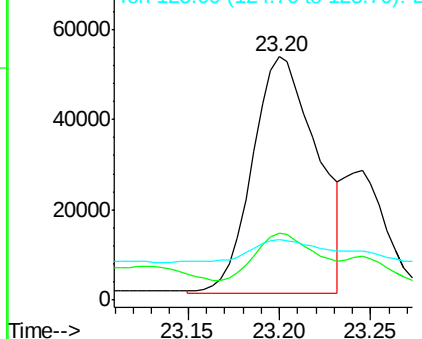
252 100

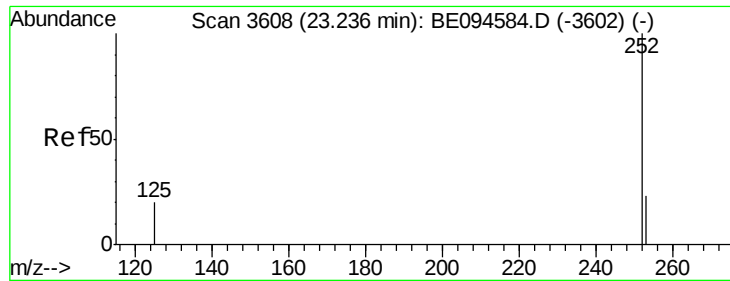
253 27.6 0.0 64.2

125 24.9 0.0 35.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.196 ng/ul m

RT: 23.25 min Scan# 3610

Delta R.T. 0.01 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Instrument :

BNA_E

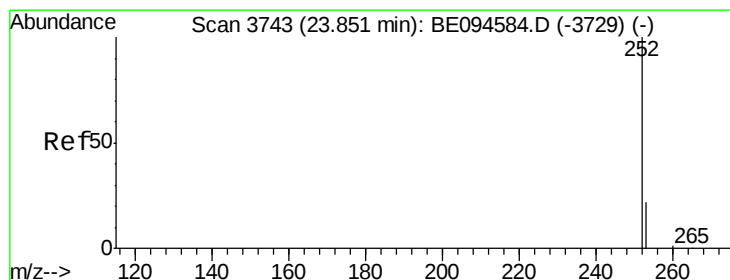
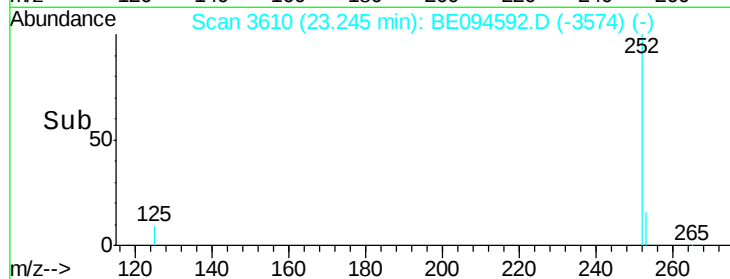
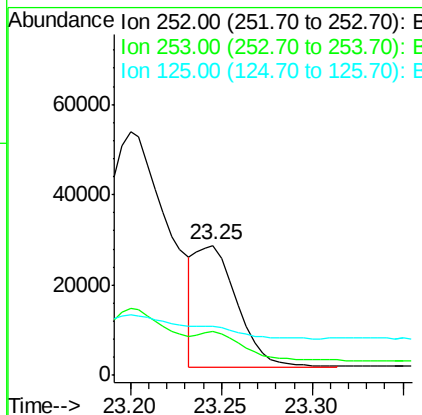
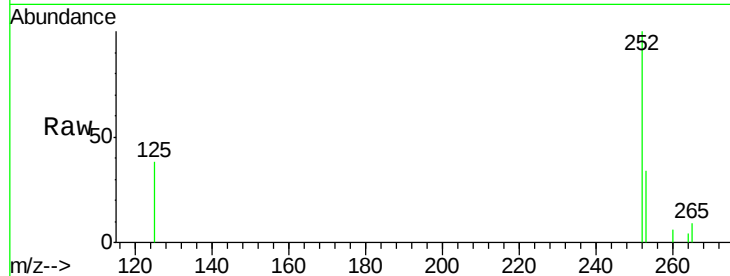
ClientSampleId :

B-66(1.5-2.5) 101017

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	24.5	36.7
125	38.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.676 ng/ul

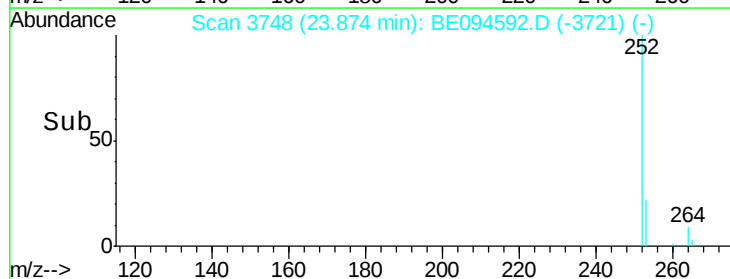
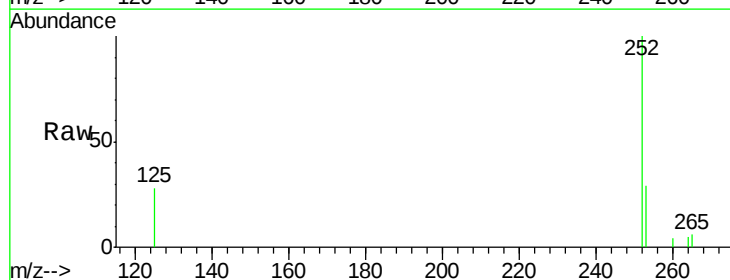
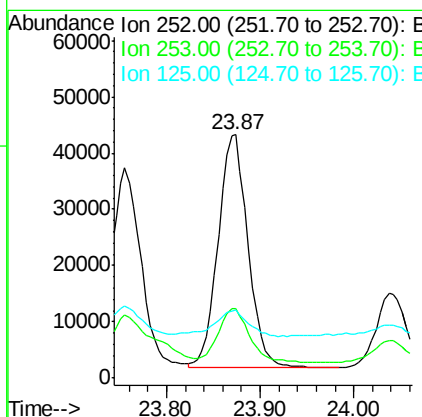
RT: 23.87 min Scan# 3748

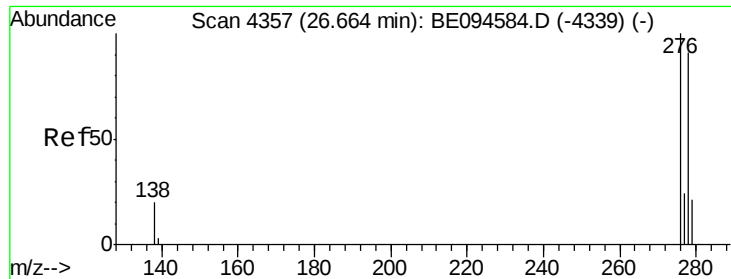
Delta R.T. 0.02 min

Lab File: BE094592.D

Acq: 27 Oct 2017 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	28.5	42.7
125	28.0	18.1	27.1#





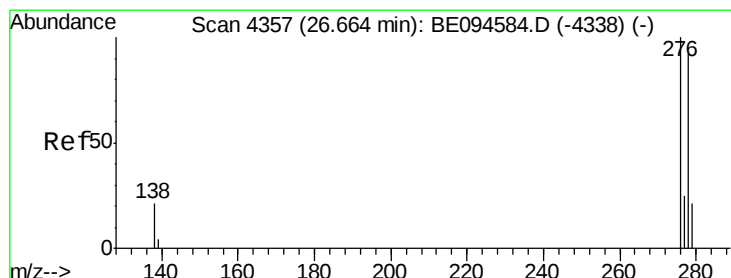
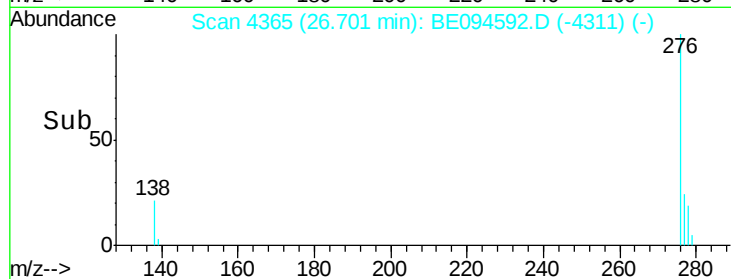
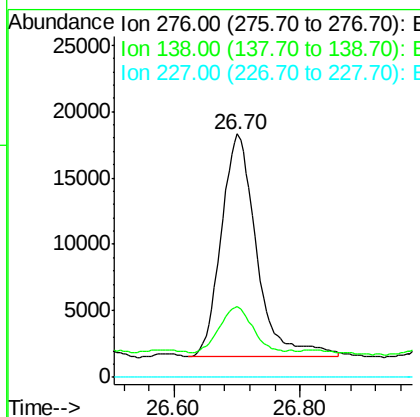
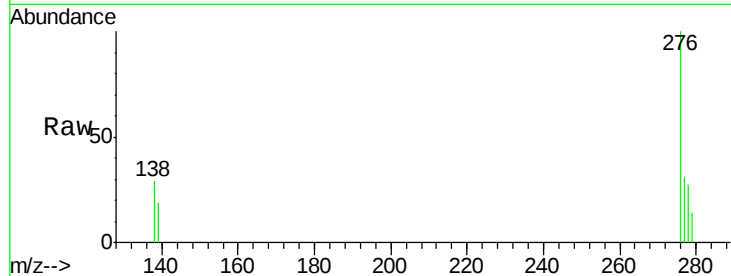
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.851 ng/ul
 RT: 26.70 min Scan# 4365
 Delta R.T. 0.05 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

Instrument :
 BNA_E
 ClientSampleId :
 B-66(1.5-2.5)_101017

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	65492		
138	19.2	28.0	42.0#	
227	0.0	8.0	12.0#	

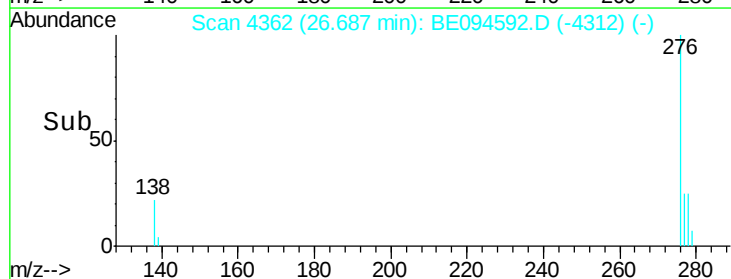
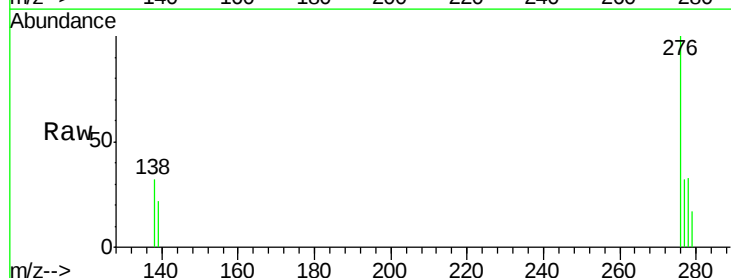
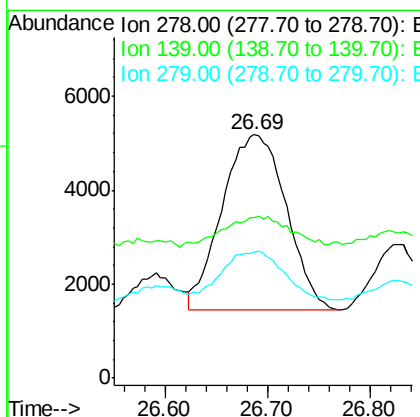
Manual Integrations
 APPROVED

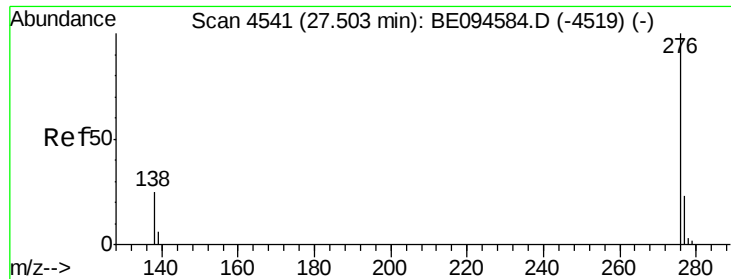
Sohil
 10/27/2017 5:36:09 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.545 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.03 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

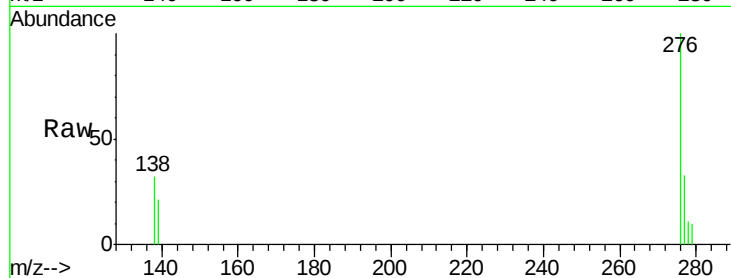
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	16240		
139	66.0	17.4	26.0#	
279	51.4	25.9	38.9#	





#26
 Benzo(g,h,i)perylene
 Concen: 1.949 ng/ul
 RT: 27.55 min Scan# 4551
 Delta R.T. 0.05 min
 Lab File: BE094592.D
 Acq: 27 Oct 2017 12:45

Instrument :
 BNA_E
 ClientSampleId :
 B-66(1.5-2.5)_101017



Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.8
277	32.8	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:36:09 PM

