

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094552.D
 Acq On : 26 Oct 2017 2:50
 Operator : SJ/JU
 Sample : I5747-06 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-4(1-3)-100617

Manual Integrations
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 10/27/2017 8:56:41 AM

Quant Time: Oct 26 13:35:37 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	1585	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8964	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5092	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11626	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11667	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13329	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	721	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	969	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	30017	1.370	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	11342	0.740	ng/ul	96
7) Acenaphthylene	14.24	152	107566	4.670	ng/ul	96
8) Acenaphthene	14.57	153	3942	0.238	ng/ul#	90
9) Fluorene	15.56	166	9719	0.523	ng/ul	90
12) Phenanthrene	17.29	178	186981	6.089	ng/ul#	90
13) Anthracene	17.38	178	98346	3.245	ng/ul#	89
15) Fluoranthene	19.31	202	823734	23.202	ng/ul	83
17) Pyrene	19.68	202	792392	21.969	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	687428	20.611	ng/ul#	86
19) Chrysene	21.47	228	560570	16.260	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	815946m	21.762	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	319380m	7.949	ng/ul	
23) Benzo(a)pyrene	23.85	252	594643	15.866	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.66	276	373778	9.638	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	104767	3.206	ng/ul	96
26) Benzo(g,h,i)perylene	27.50	276	239624	7.695	ng/ul	96

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

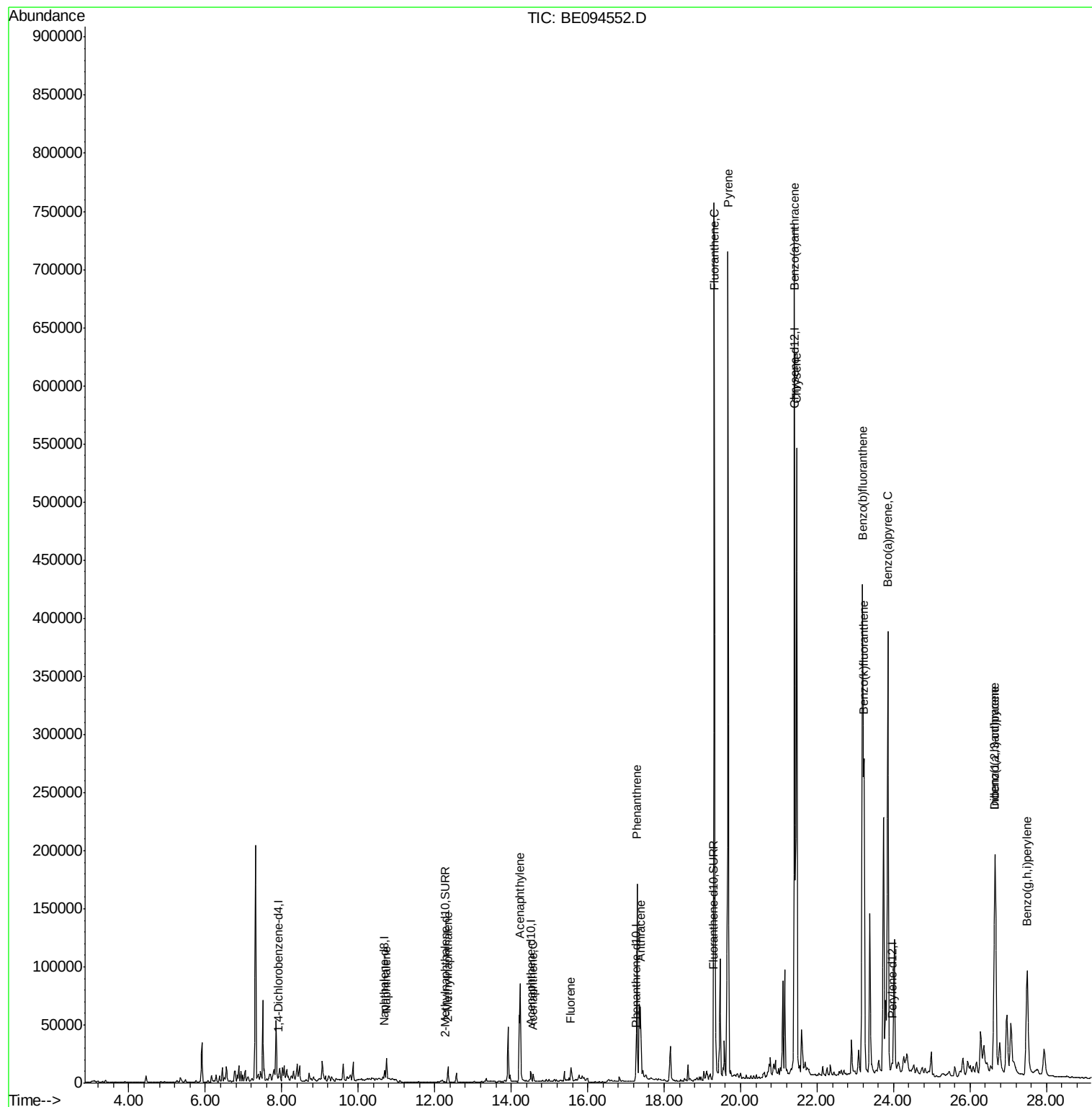
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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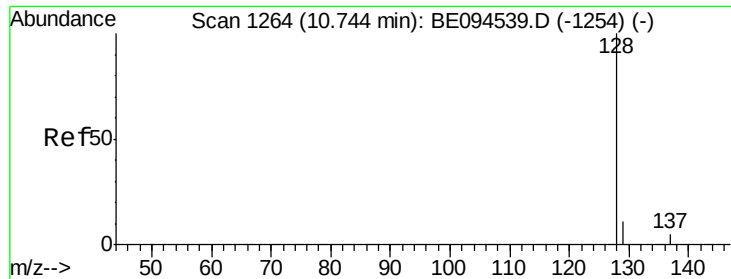
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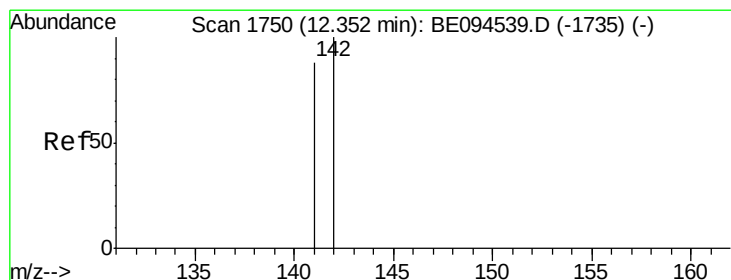
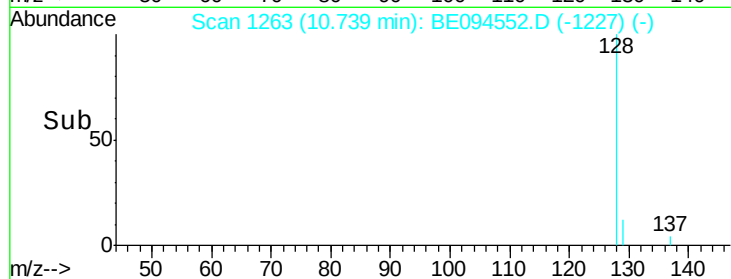
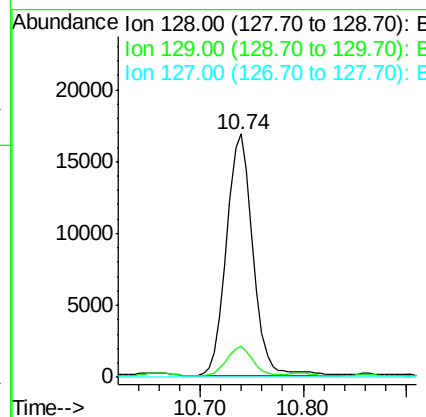
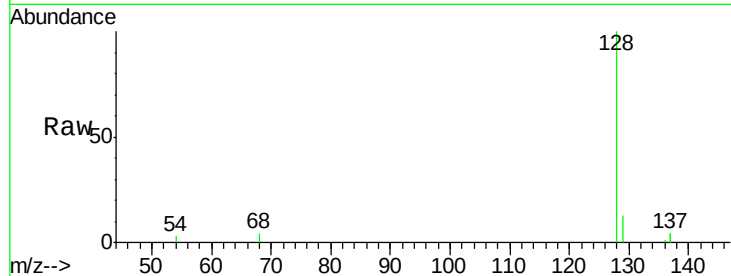
#3
Naphthalene
Concen: 1.370 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094552.D
Acq: 26 Oct 2017 2:50

Instrument :
BNA_E
ClientSampleId :
B-4(1-3)-100617

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0

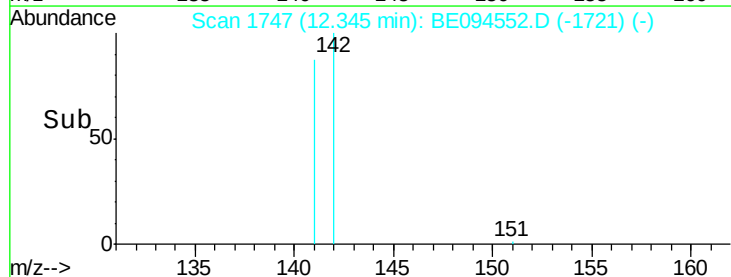
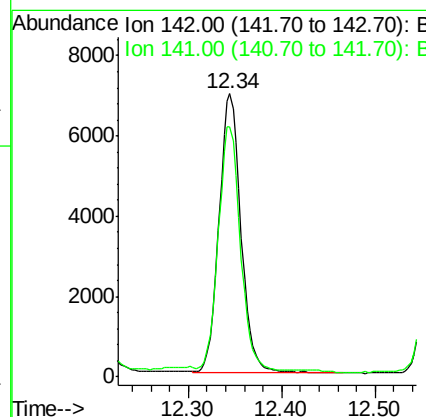
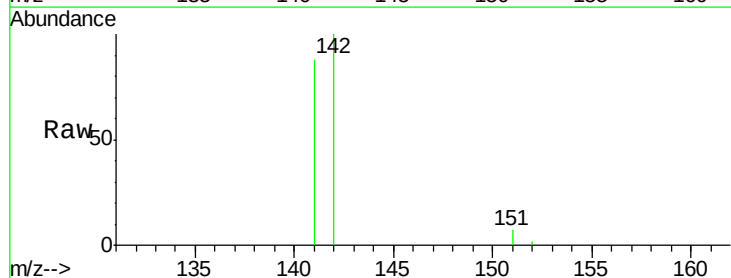
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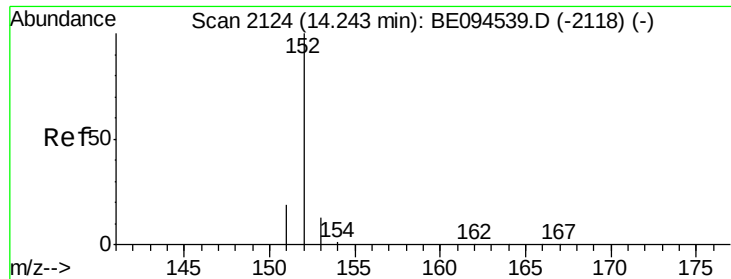
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#5
2-Methylnaphthalene
Concen: 0.740 ng/ul
RT: 12.34 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BE094552.D
Acq: 26 Oct 2017 2:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.6	108.8





#7

Acenaphthylene

Concen: 4.670 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Instrument :

BNA_E

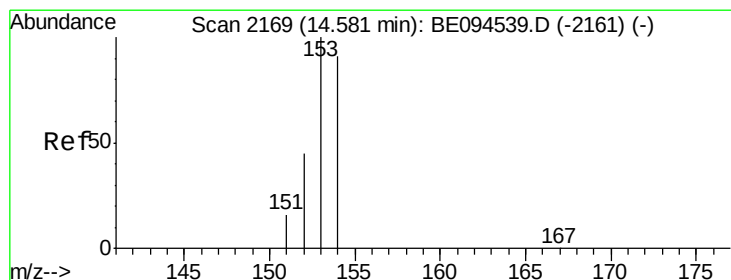
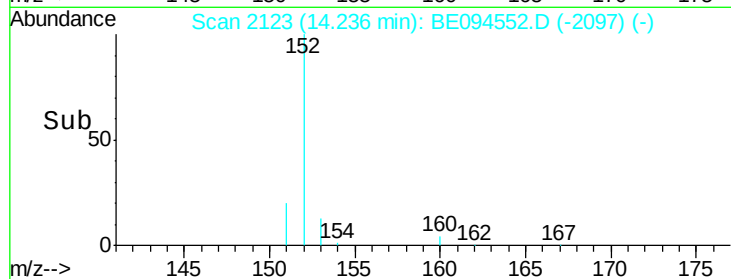
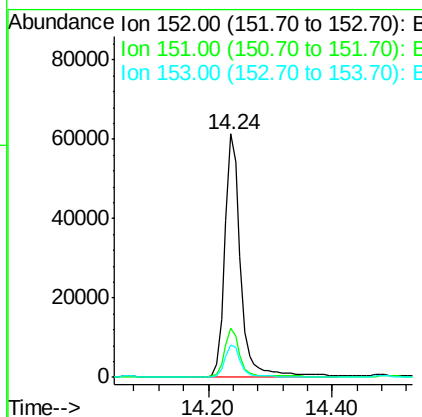
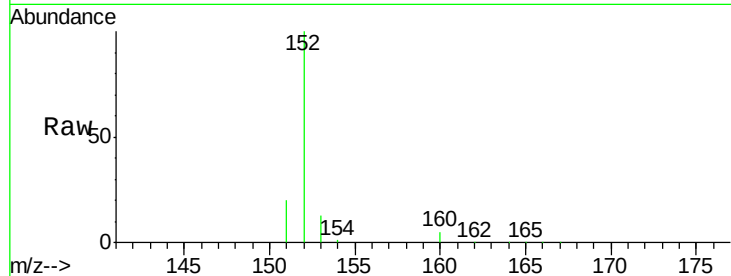
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	152	Resp:	107566
Ion Ratio		Lower	Upper
152	100		
151	19.9	17.1	25.7
153	13.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.238 ng/ul

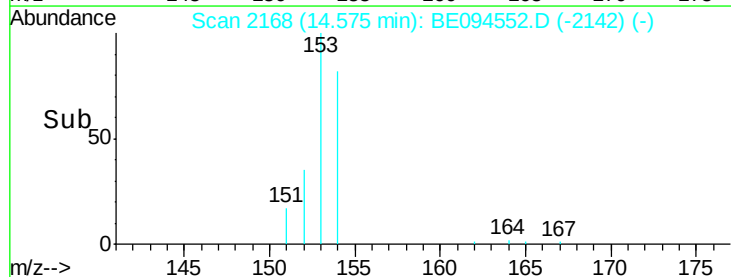
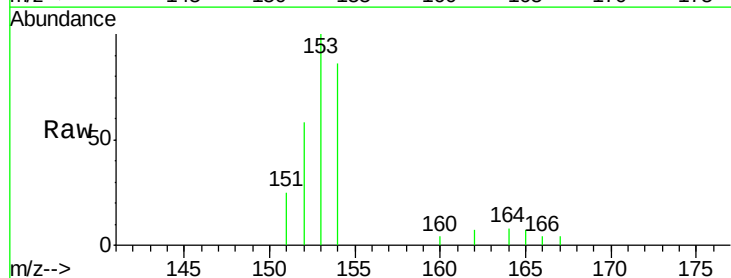
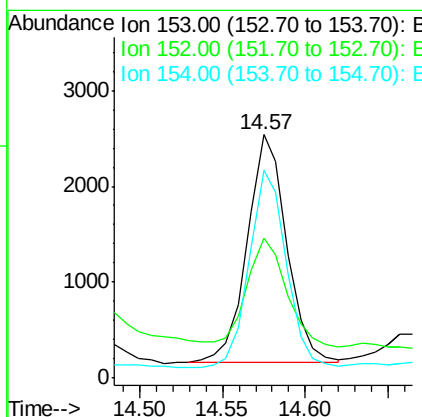
RT: 14.57 min Scan# 2168

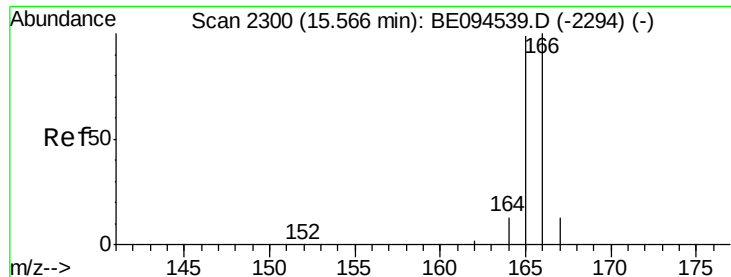
Delta R.T. -0.01 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Tgt Ion:	153	Resp:	3942
Ion Ratio		Lower	Upper
153	100		
152	57.7	36.0	54.0#
154	85.5	72.0	108.0





#9

Fluorene

Concen: 0.523 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Instrument :

BNA_E

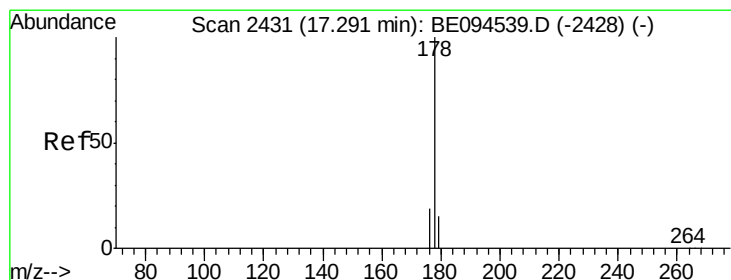
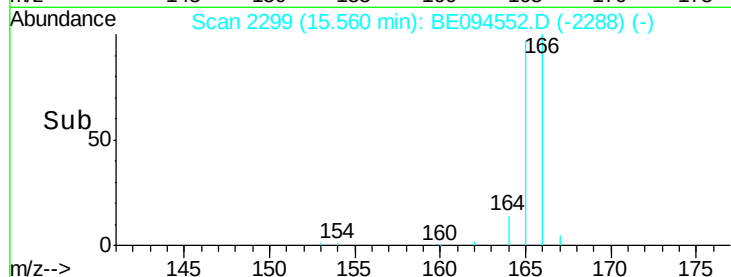
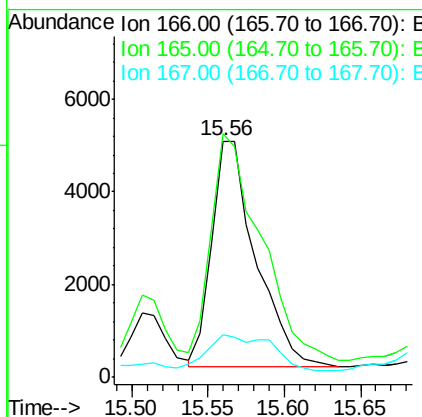
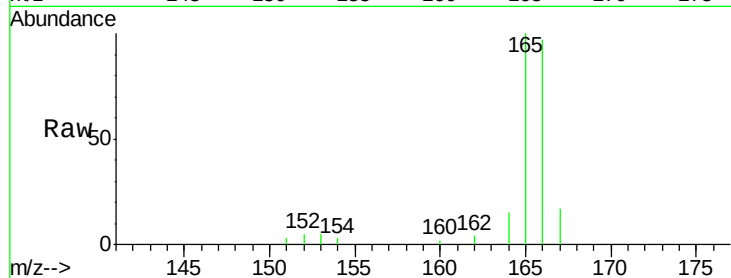
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	166	Resp:	9719
Ion Ratio	Lower	Upper	
166	100		
165	103.2	73.4	110.2
167	17.9	14.6	22.0

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#12

Phenanthrene

Concen: 6.089 ng/ul

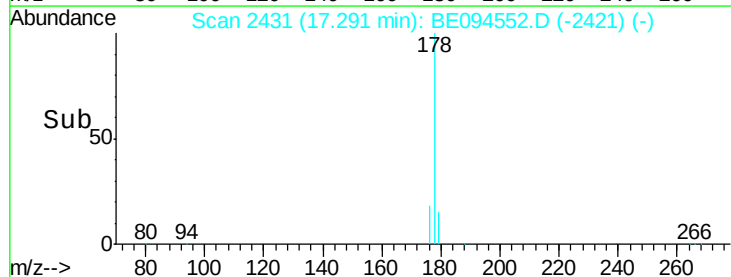
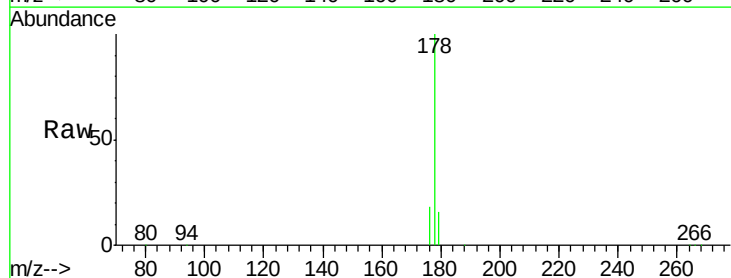
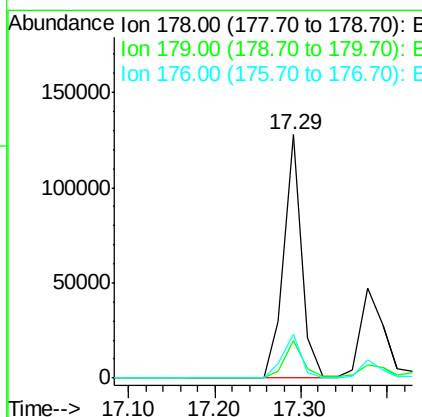
RT: 17.29 min Scan# 2431

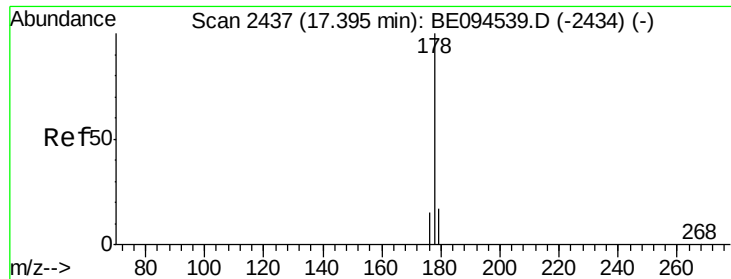
Delta R.T. -0.02 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Tgt Ion:	178	Resp:	186981
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	17.9	13.6	20.4





#13

Anthracene

Concen: 3.245 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Instrument :

BNA_E

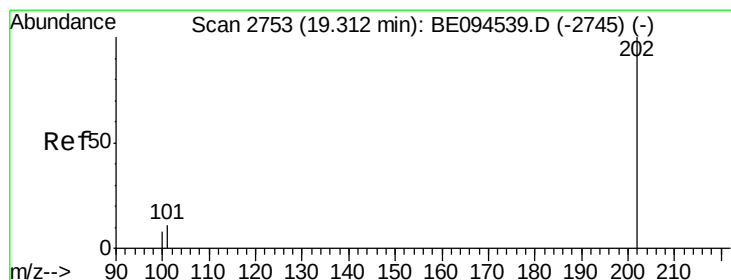
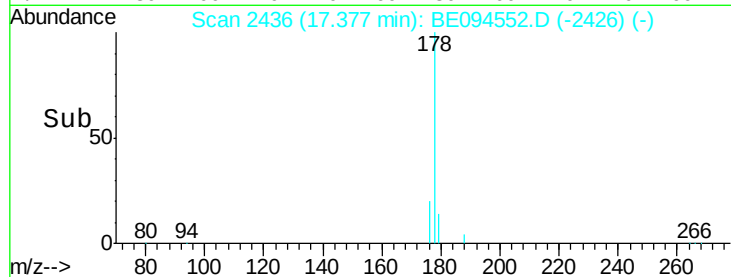
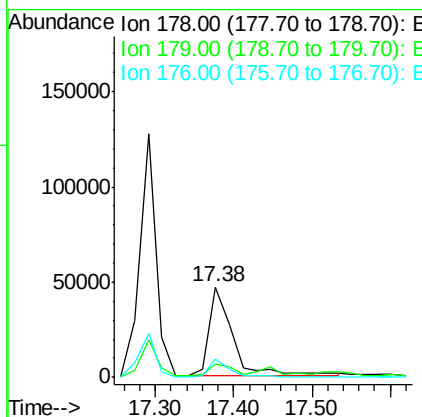
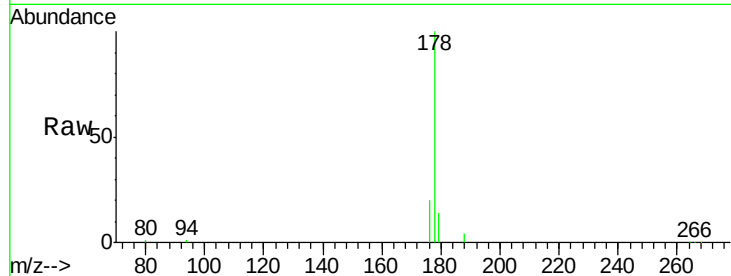
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	178	Resp:	98346
Ion Ratio	Lower	Upper	
178	100		
179	14.4	18.1	27.1#
176	19.7	14.7	22.1

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#15

Fluoranthene

Concen: 23.202 ng/ul

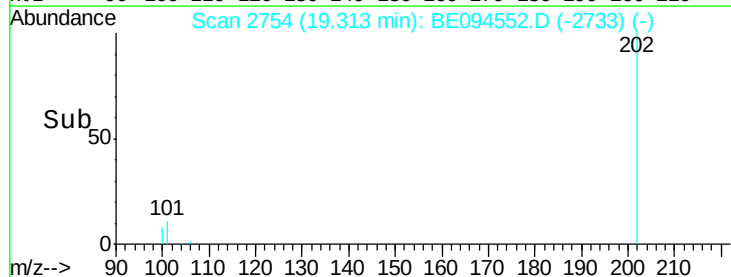
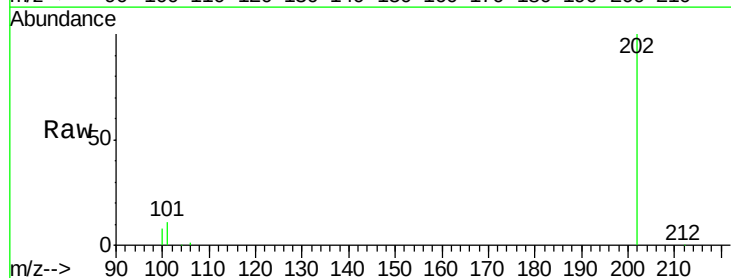
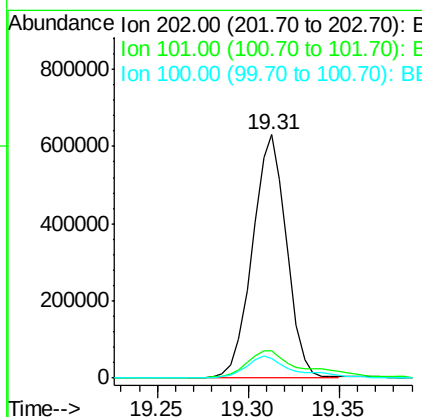
RT: 19.31 min Scan# 2754

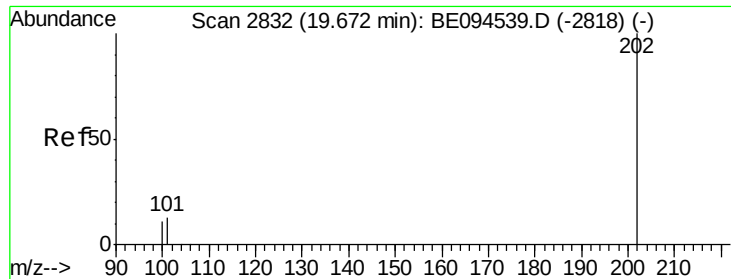
Delta R.T. -0.00 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Tgt Ion:	202	Resp:	823734
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.3
100	8.1	0.0	39.5





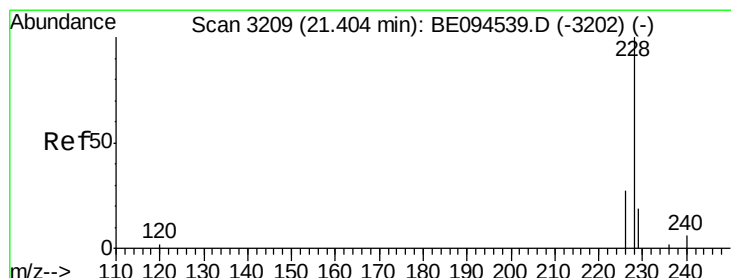
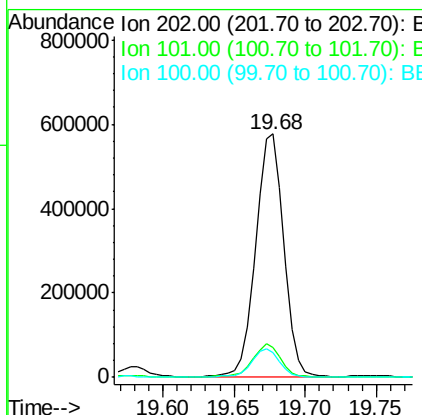
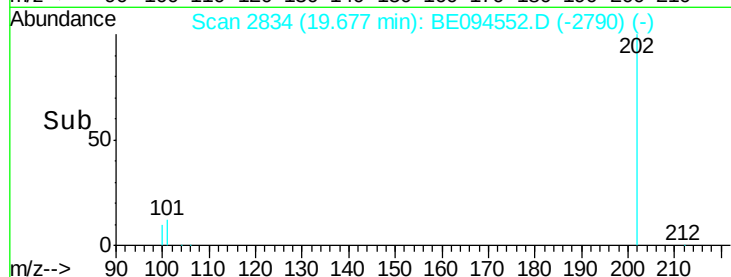
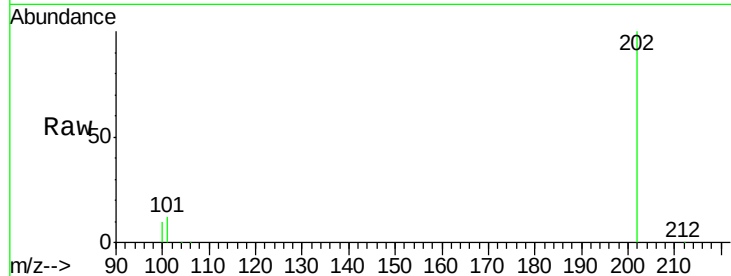
#17
Pyrene
 Concen: 21.969 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BE094552.D
 Acq: 26 Oct 2017 2:50

Instrument :
 BNA_E
 ClientSampleId :
 B-4(1-3)-100617

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	792392		
101	12.2	18.2	27.4#	
100	10.2	15.6	23.4#	

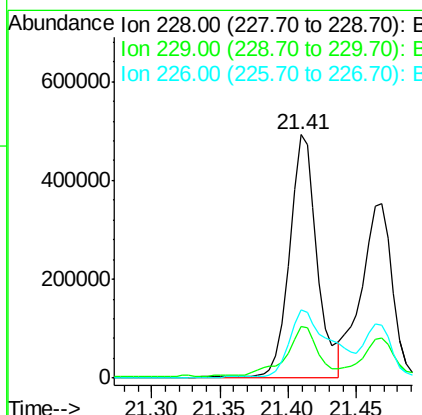
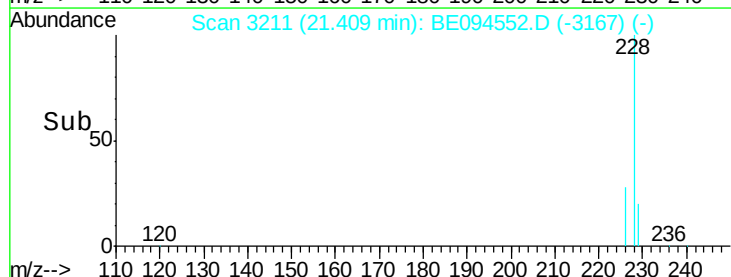
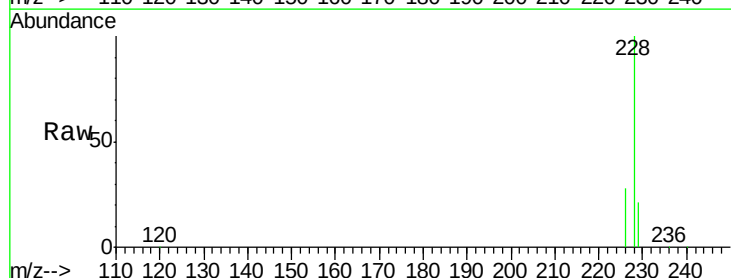
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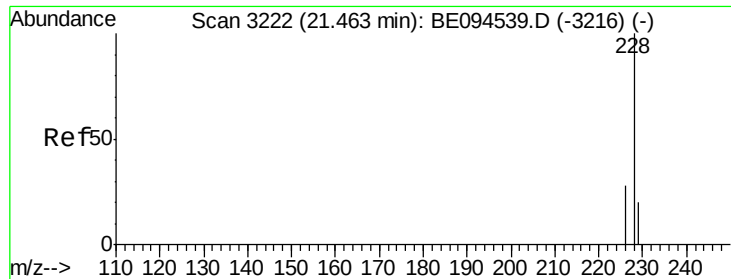
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#18
Benzo(a)anthracene
 Concen: 20.611 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BE094552.D
 Acq: 26 Oct 2017 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	687428		
229	20.9	22.8	34.2#	
226	28.3	17.0	25.6#	





#19

Chrysene

Concen: 16.260 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Instrument :

BNA_E

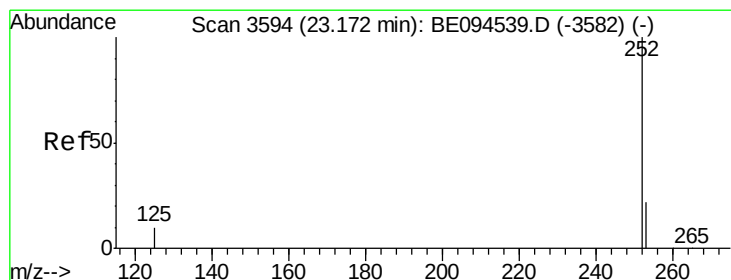
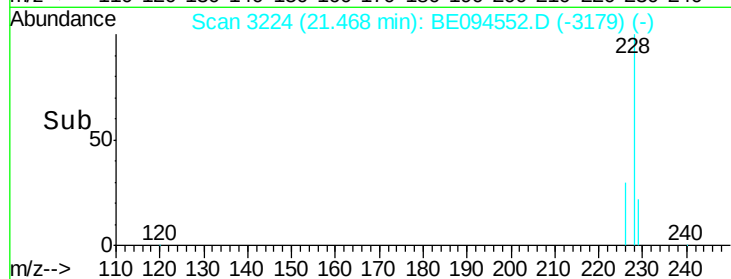
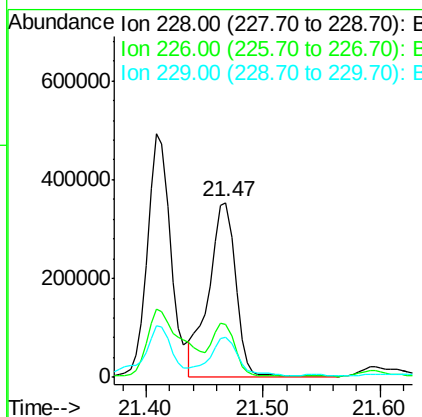
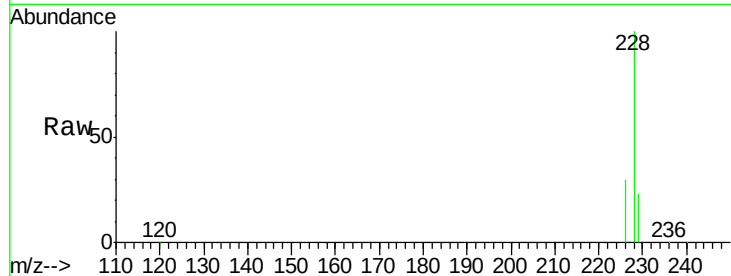
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	228	Resp:	560570
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 21.762 ng/ul m

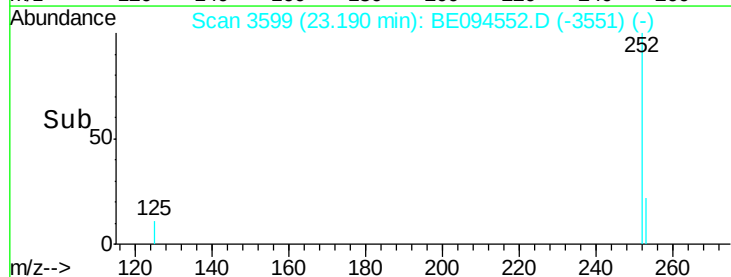
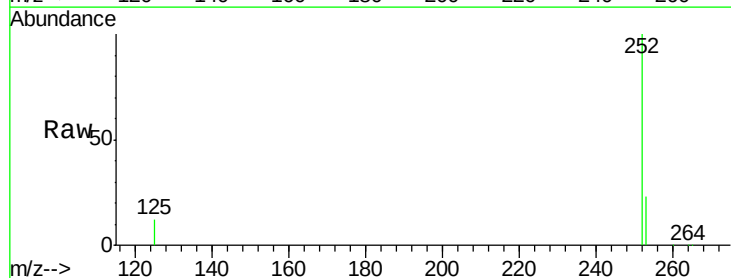
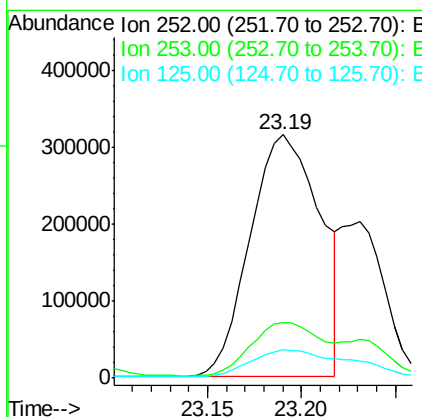
RT: 23.19 min Scan# 3599

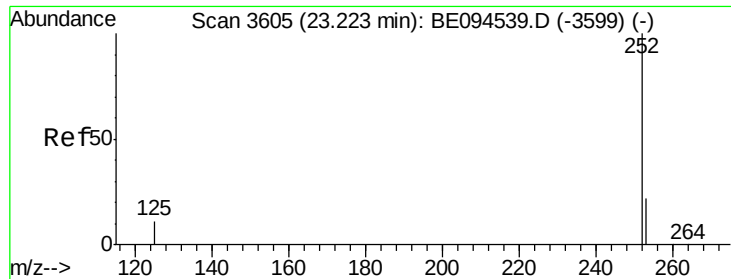
Delta R.T. 0.02 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Tgt Ion:	252	Resp:	815946
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	11.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 7.949 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. 0.01 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Instrument :

BNA_E

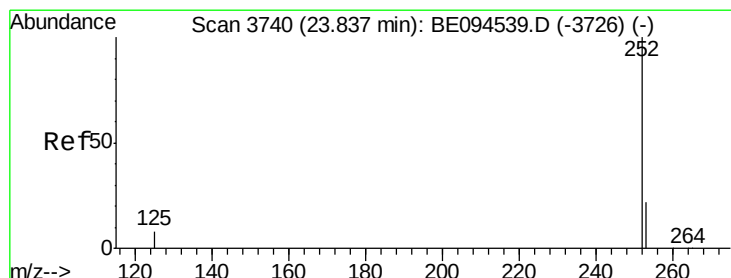
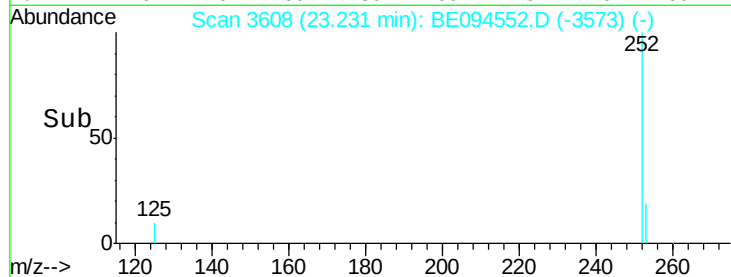
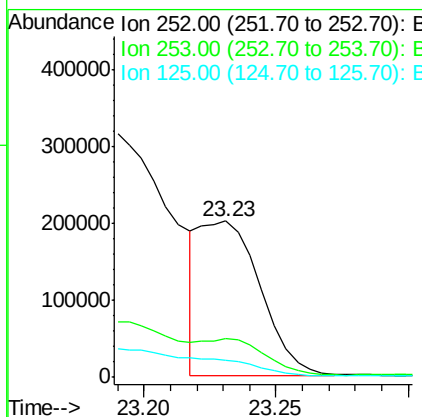
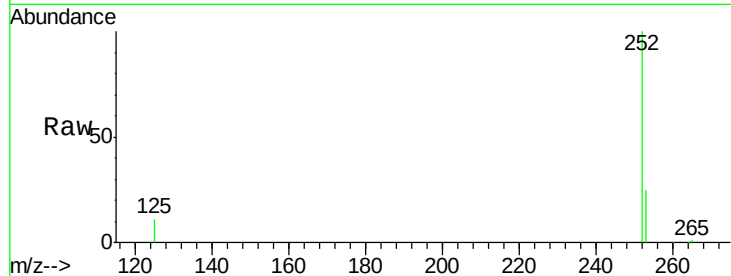
ClientSampleId :

B-4(1-3)-100617

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	24.5	36.7
125	11.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 15.866 ng/ul

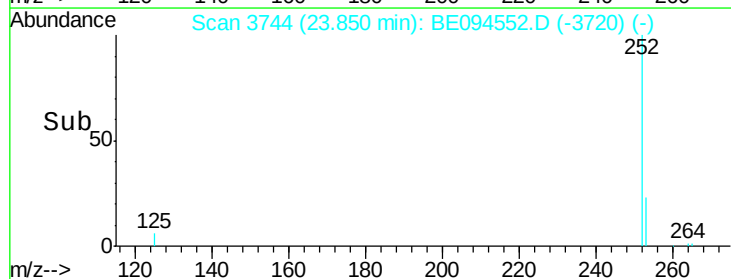
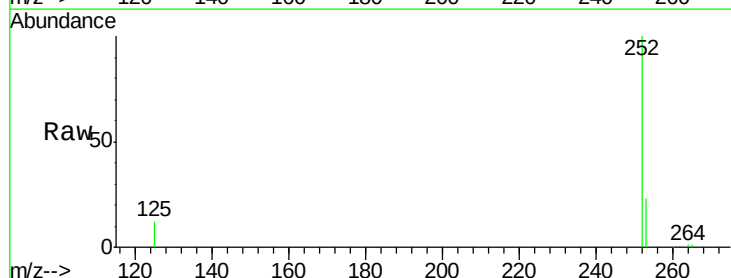
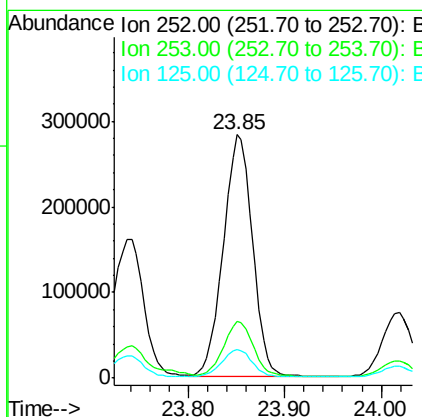
RT: 23.85 min Scan# 3744

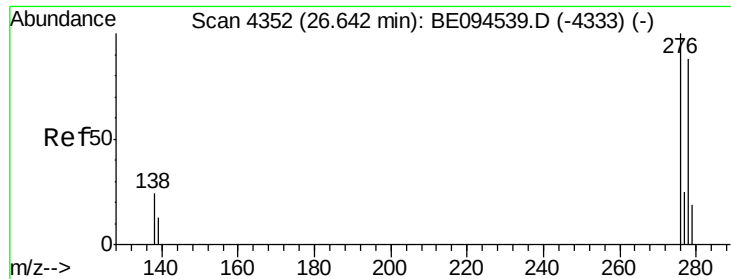
Delta R.T. 0.01 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	28.5	42.7#
125	11.8	18.1	27.1#





#24

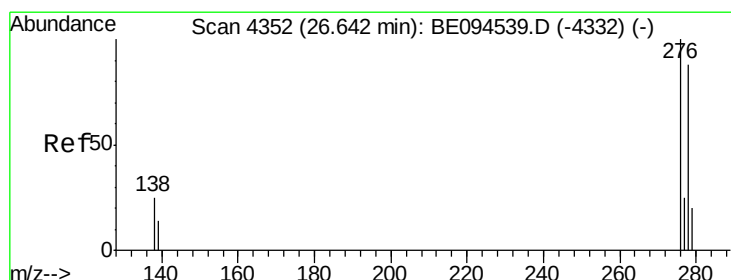
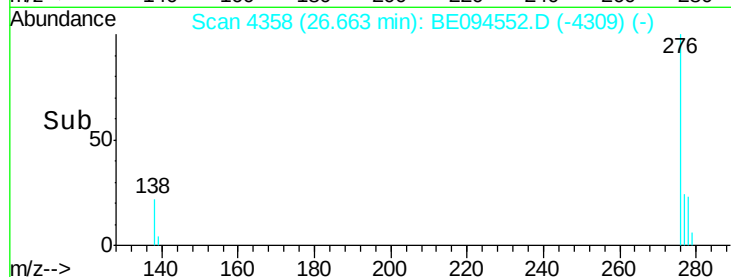
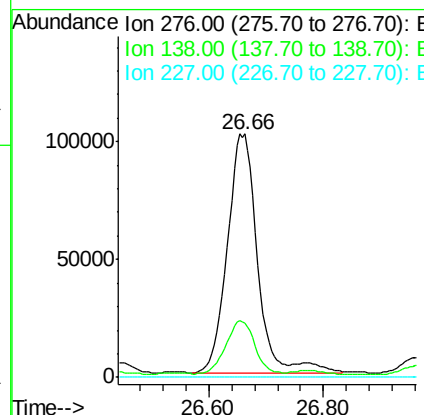
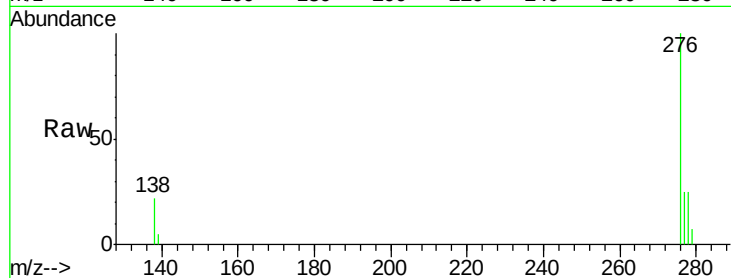
Indeno(1,2,3-cd)pyrene
Concen: 9.638 ng/ul
RT: 26.66 min Scan# 4358
Delta R.T. 0.02 min
Lab File: BE094552.D
Acq: 26 Oct 2017 2:50

Instrument :
BNA_E
ClientSampleId :
B-4(1-3)-100617

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.4	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

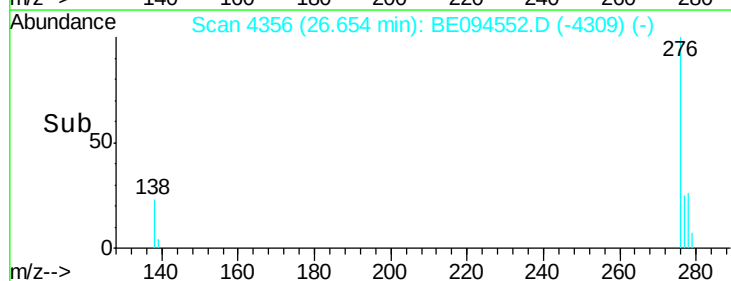
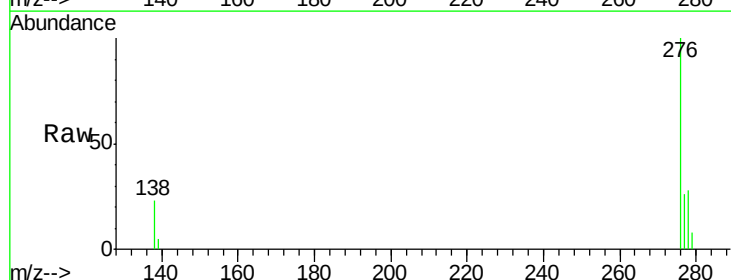
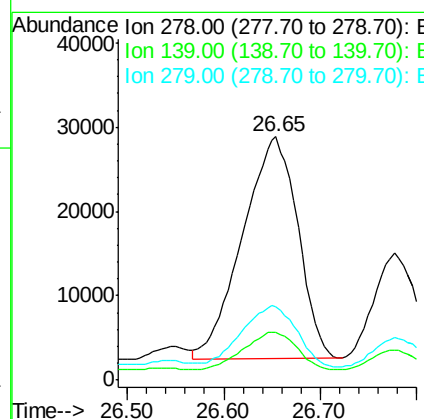
Sohil
10/27/2017 8:56:41 AM

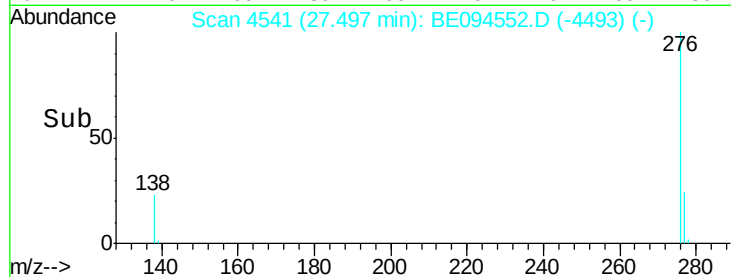
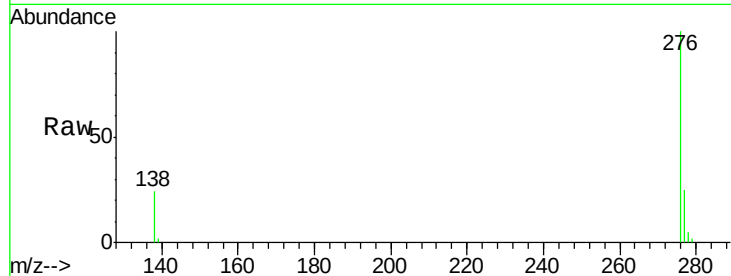
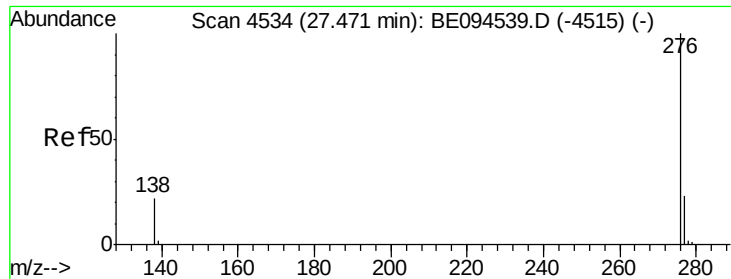


#25

Dibenzo(a,h)anthracene
Concen: 3.206 ng/ul
RT: 26.65 min Scan# 4356
Delta R.T. 0.01 min
Lab File: BE094552.D
Acq: 26 Oct 2017 2:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.5	17.4	26.0
279	30.3	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 7.695 ng/ul

RT: 27.50 min Scan# 4541

Delta R.T. 0.02 min

Lab File: BE094552.D

Acq: 26 Oct 2017 2:50

Instrument :

BNA_E

ClientSampleId :

B-4(1-3)-100617

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	23.7	21.8	32.8	
277	25.4	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:41 AM

