

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094669.D
 Acq On : 31 Oct 2017 21:50
 Operator : SJ/JU
 Sample : I5873-05RE 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-16(7-7.75)_1012117RE

Manual Integrations
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 11/1/2017 4:29:46 PM

Quant Time: Nov 01 04:33:29 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 Nov 01 02:55:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1284	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7776	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4169m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8728	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8256	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9481	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	159791	12.66	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	94039	3.63	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	263875	13.879	ng/ul#	93
5) 2-Methylnaphthalene	12.41	142	338441	25.445	ng/ul	98
7) Acenaphthylene	14.24	152	9832m	0.521	ng/ul	
8) Acenaphthene	14.59	153	26263	1.938	ng/ul#	70
9) Fluorene	15.57	166	47106	3.096	ng/ul#	87
12) Phenanthrene	17.29	178	318496	13.816	ng/ul#	89
13) Anthracene	17.38	178	15490	0.681	ng/ul#	75
15) Fluoranthene	19.31	202	17484	0.656	ng/ul	79
17) Pyrene	19.67	202	49670	1.946	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	9668	0.410	ng/ul#	46
19) Chrysene	21.46	228	15229	0.624	ng/ul#	63
21) Benzo(b)fluoranthene	23.18	252	5766m	0.216	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2012m	0.070	ng/ul	
23) Benzo(a)pyrene	23.85	252	6941	0.260	ng/ul#	19
24) Indeno(1,2,3-cd)pyrene	26.66	276	2070	0.075	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.64	278	1143	0.049	ng/ul#	1
26) Benzo(a,h,i)perylene	27.51	276	2897	0.131	ng/ul#	9

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

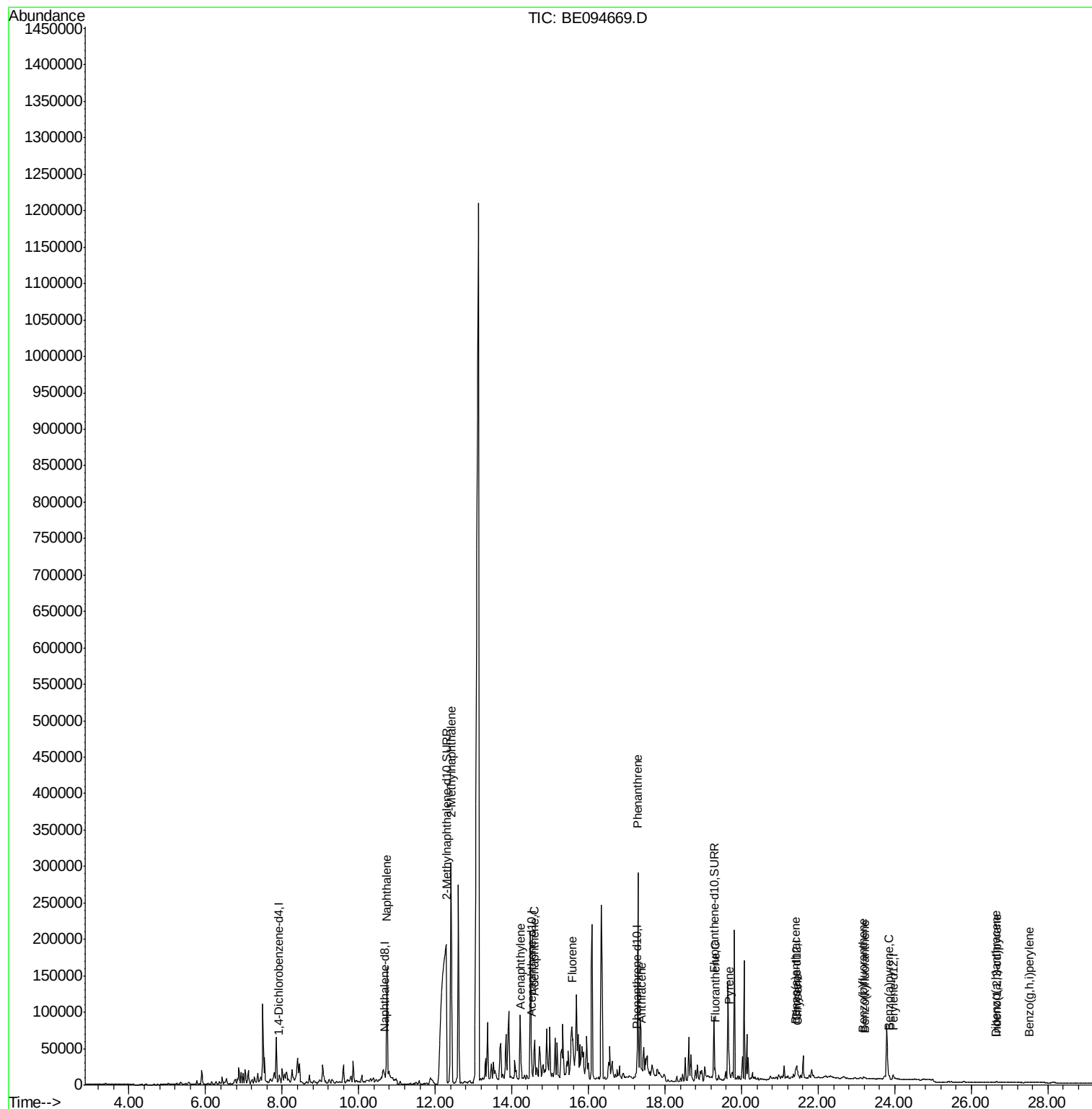
Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
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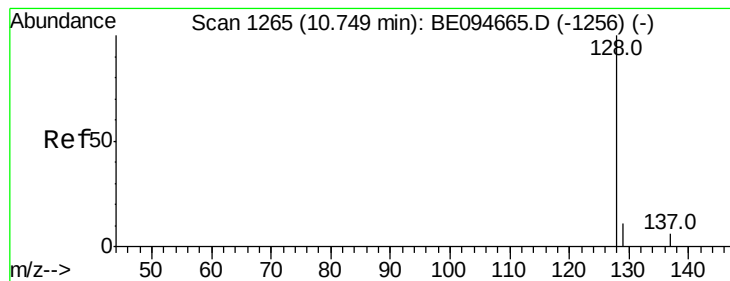
Instrument :
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#3

Naphthalene

Concen: 13.879 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

B-16(7-7.75) 1012117RE

Tot Ion:128 Resp: 263875

Ion Ratio Lower Upper

128 100

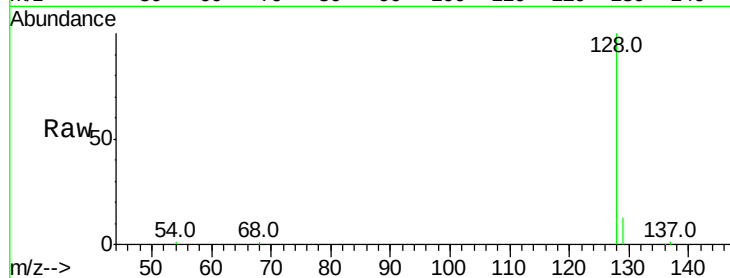
129 12.6 11.3 16.9

127 0.0 4.0 6.0#

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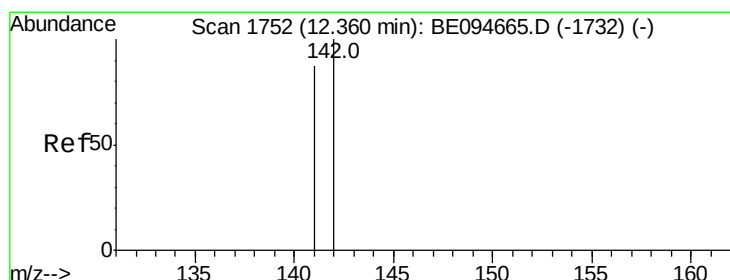
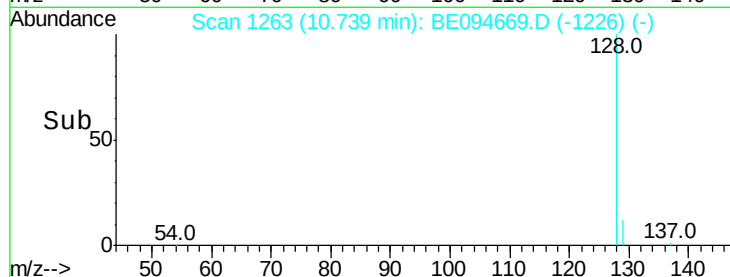
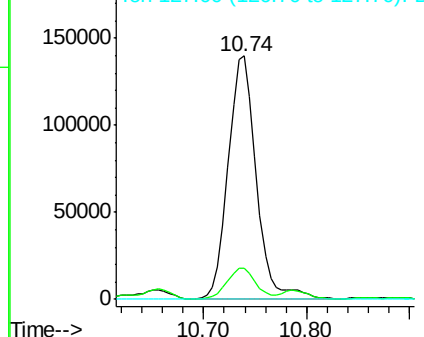
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 25.445 ng/ul

RT: 12.41 min Scan# 1770

Delta R.T. 0.05 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Tgt Ion:142 Resp: 338441

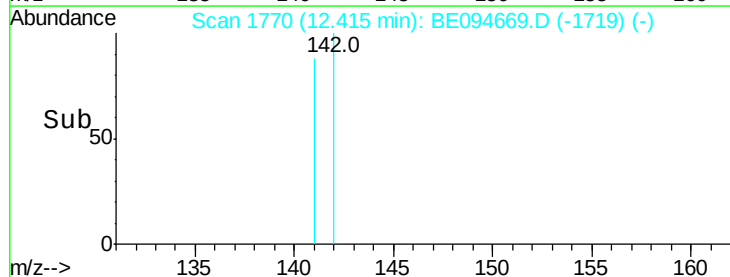
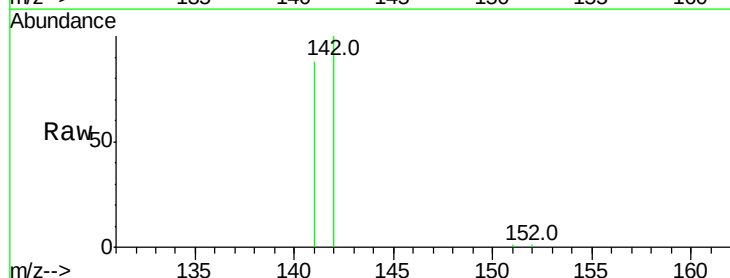
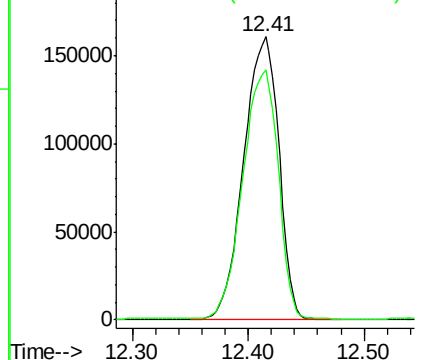
Ion Ratio Lower Upper

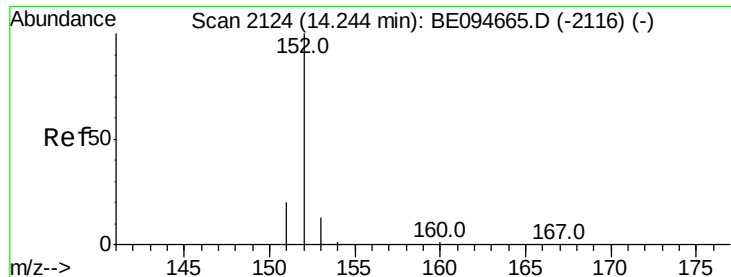
142 100

141 89.0 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: 0.521 ng/ul m

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

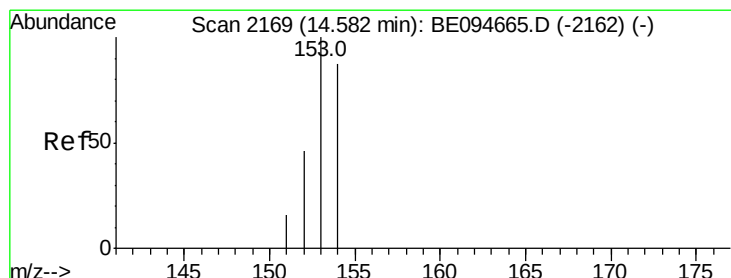
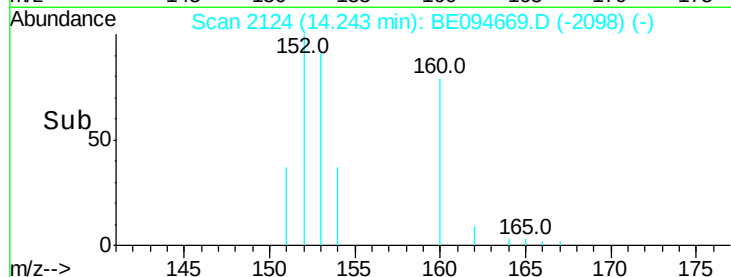
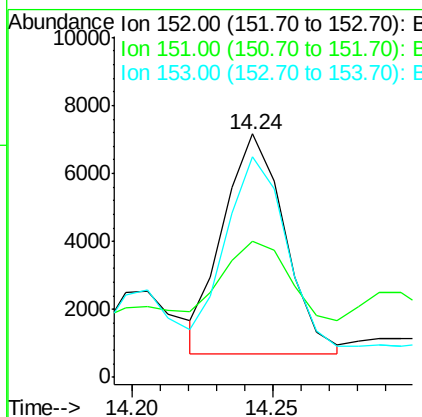
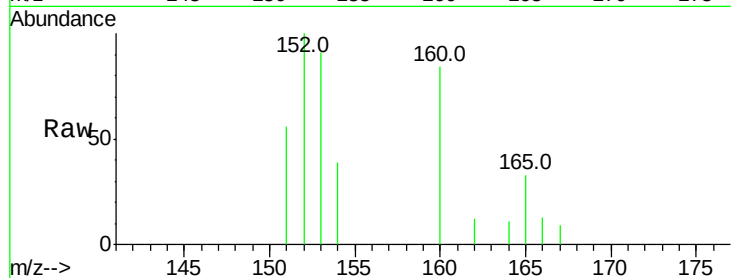
ClientSampleId :

B-16(7-7.75)_1012117RE

Tot Ion:	152	Resp:	9832
Ion Ratio	Lower	Upper	
152	100		
151	55.8	17.1	25.7#
153	90.7	12.8	19.2#

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#8

Acenaphthene

Concen: 1.938 ng/ul

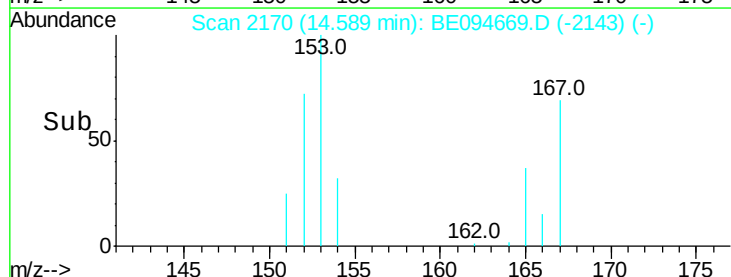
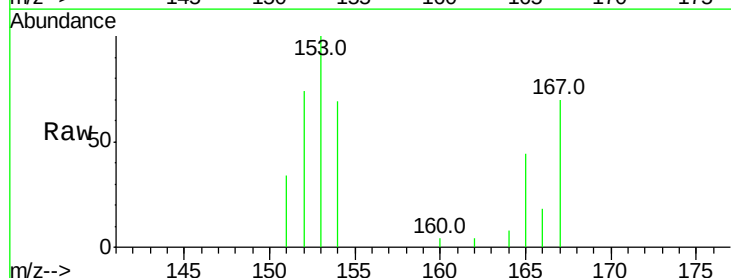
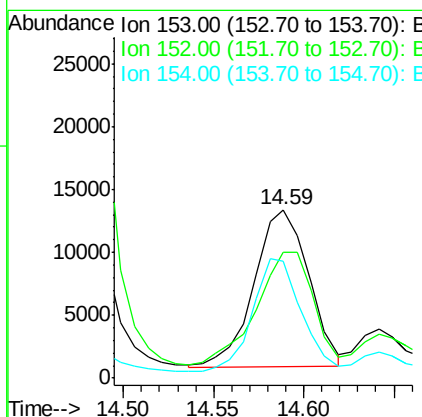
RT: 14.59 min Scan# 2170

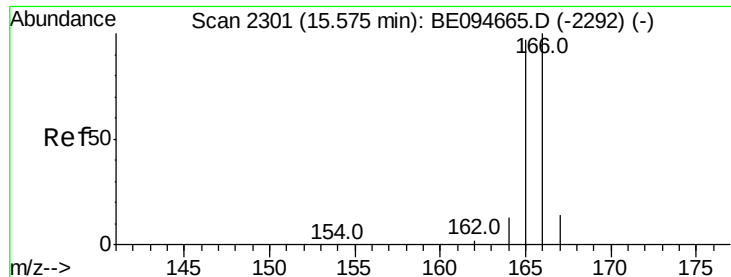
Delta R.T. 0.01 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Tgt Ion:	153	Resp:	26263
Ion Ratio	Lower	Upper	
153	100		
152	74.3	36.0	54.0#
154	69.3	72.0	108.0#





#9

Fluorene

Concen: 3.096 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

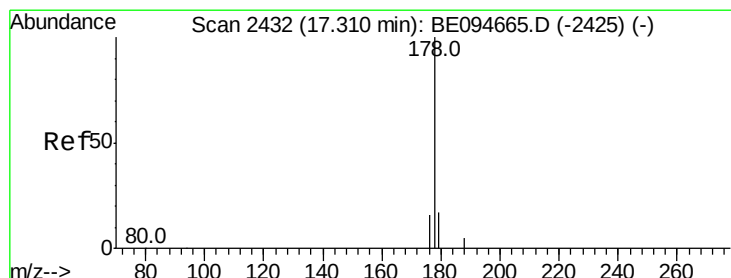
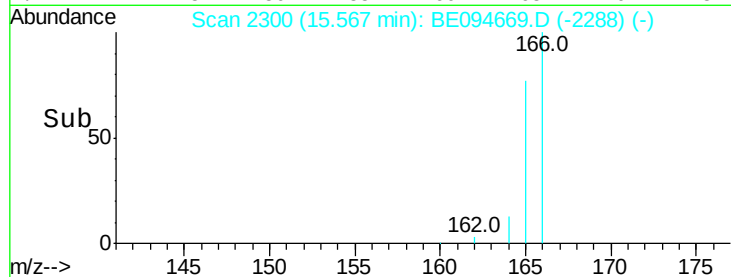
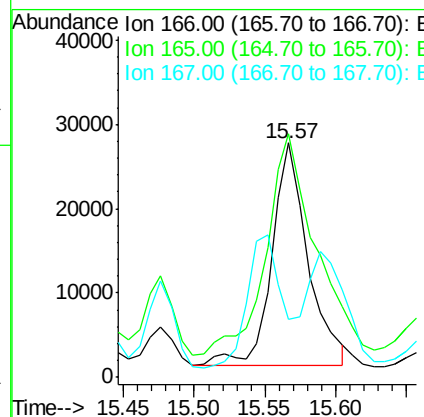
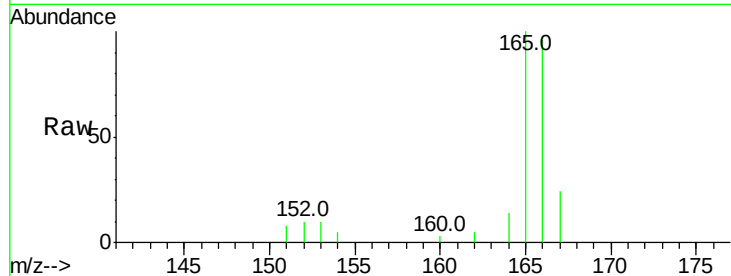
ClientSampleId :

B-16(7-7.75) 1012117RE

Tot Ion:	166	Resp:	47106
Ion Ratio	Lower	Upper	
166	100		
165	104.0	73.4	110.2
167	24.6	14.6	22.0#

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#12

Phenanthrene

Concen: 13.816 ng/ul

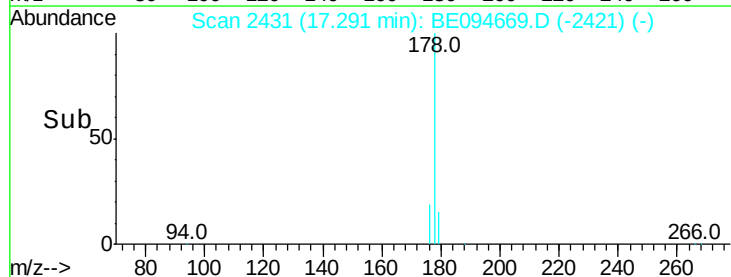
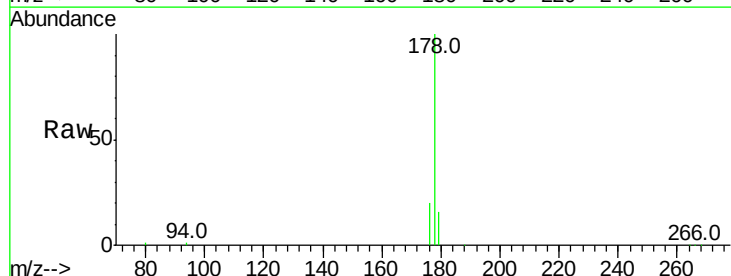
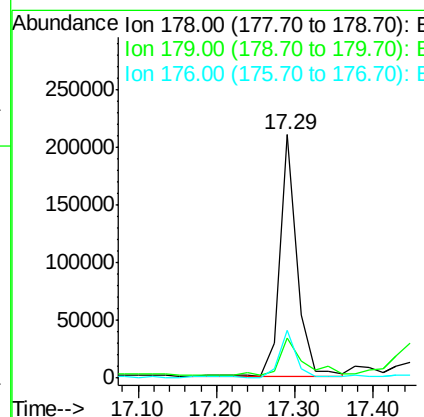
RT: 17.29 min Scan# 2431

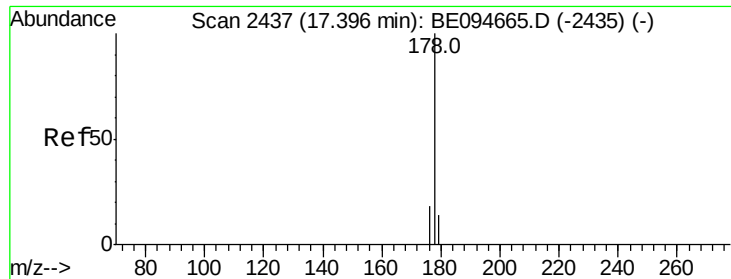
Delta R.T. -0.02 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Tgt Ion:	178	Resp:	318496
Ion Ratio	Lower	Upper	
178	100		
179	16.3	18.4	27.6#
176	19.6	13.6	20.4





#13

Anthracene

Concen: 0.681 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

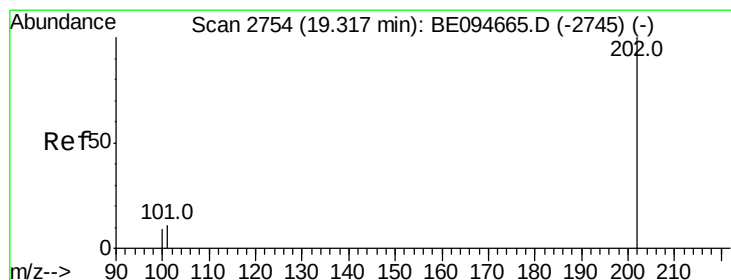
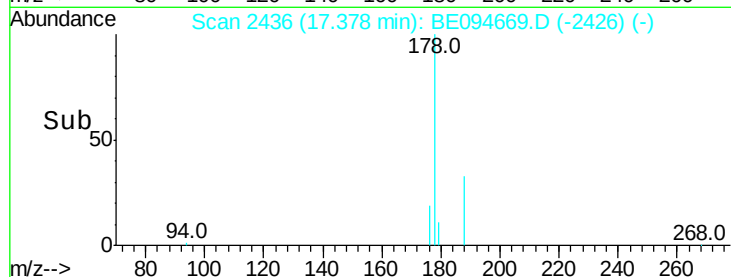
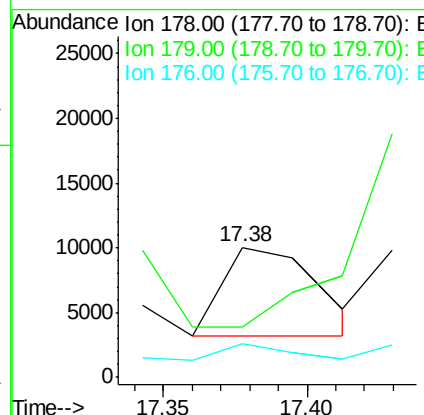
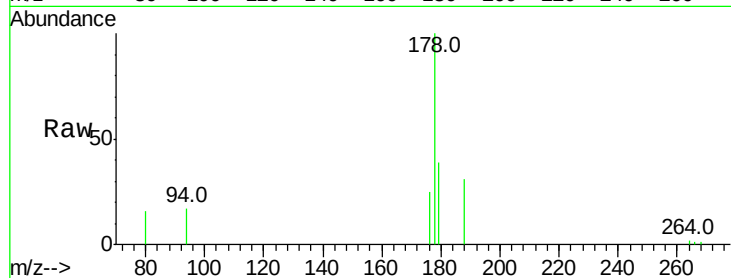
ClientSampleId :

B-16(7-7.75) 1012117RE

Tot Ion:178	Resp:	15490
Ion Ratio	Lower	Upper
178	100	
179	38.7	18.1 27.1#
176	25.4	14.7 22.1#

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#15

Fluoranthene

Concen: 0.656 ng/ul

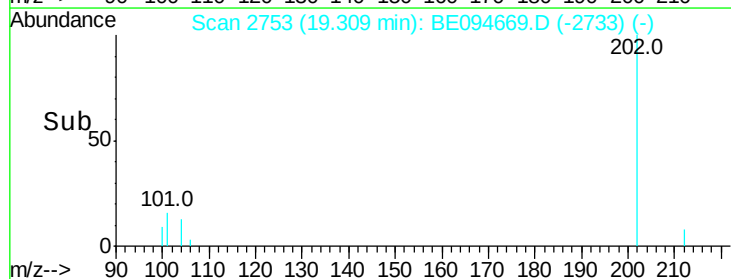
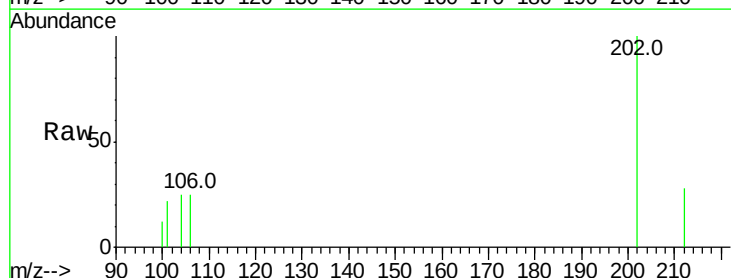
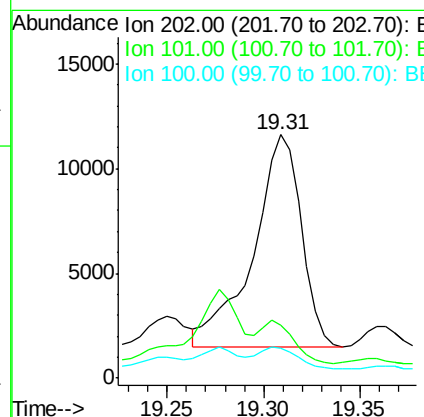
RT: 19.31 min Scan# 2753

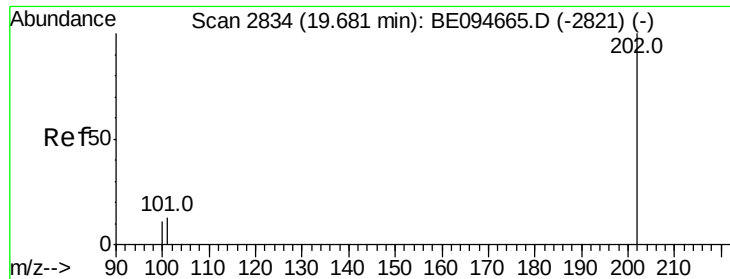
Delta R.T. -0.01 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Tgt Ion:202	Resp:	17484
Ion Ratio	Lower	Upper
202	100	
101	21.6	0.0 30.3
100	12.5	0.0 39.5





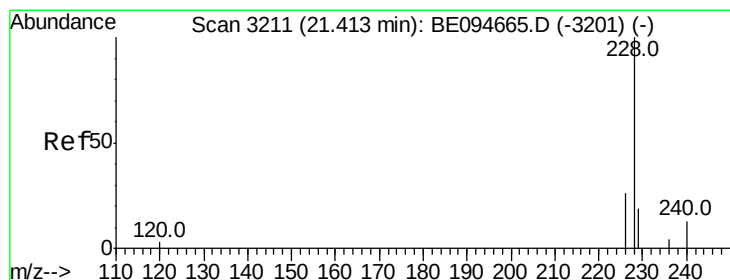
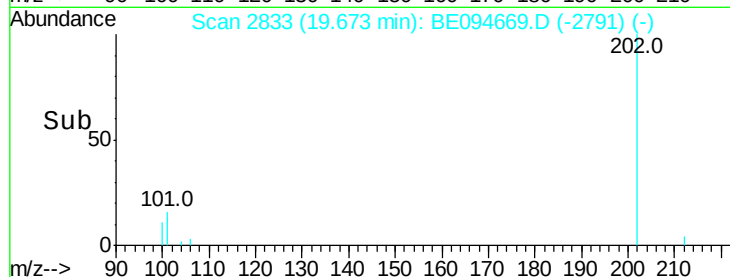
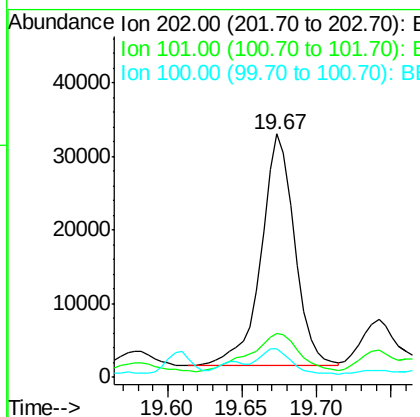
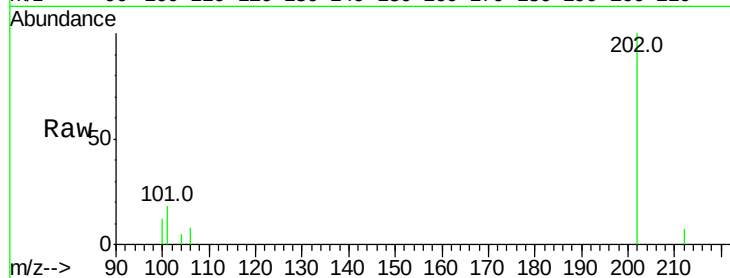
#17
 Pvrene
 Concen: 1.946 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BE094669.D
 Acq: 31 Oct 2017 21:50

Instrument :
 BNA_E
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 B-16(7-7.75)_1012117RE

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.2	18.2	27.4#
100	11.6	15.6	23.4#

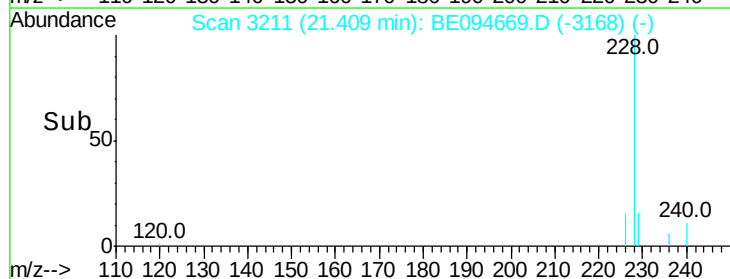
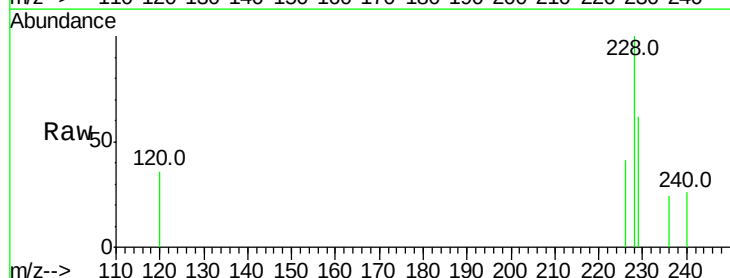
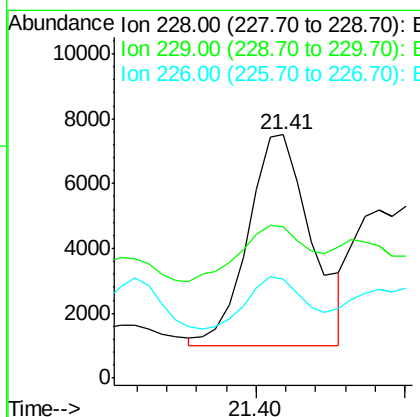
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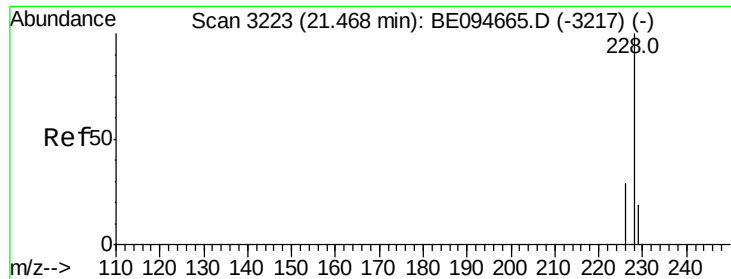
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#18
 Benzo(a)anthracene
 Concen: 0.410 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: BE094669.D
 Acq: 31 Oct 2017 21:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	62.0	22.8	34.2#
226	40.9	17.0	25.6#





#19

Chrysene

Concen: 0.624 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

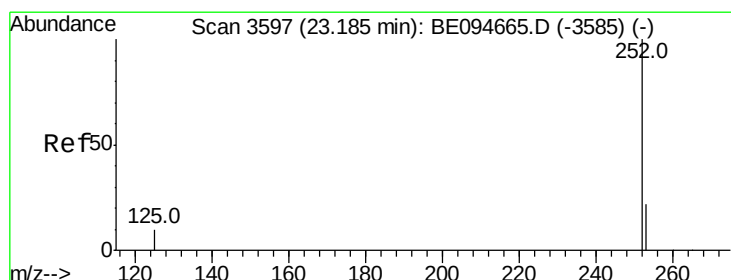
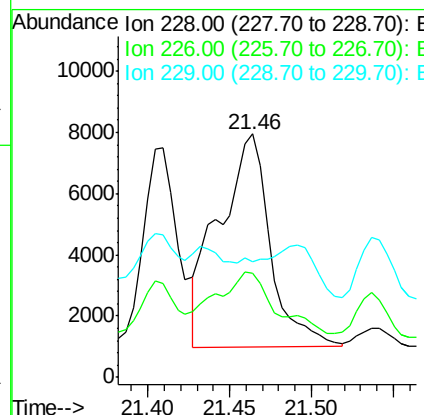
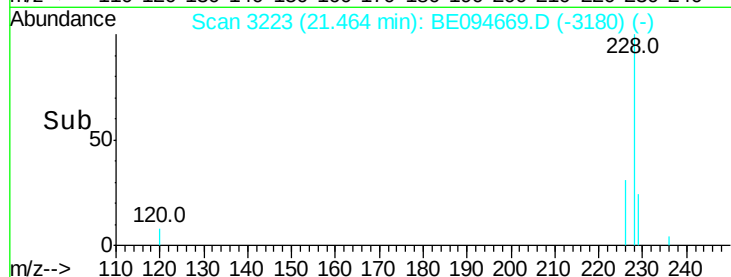
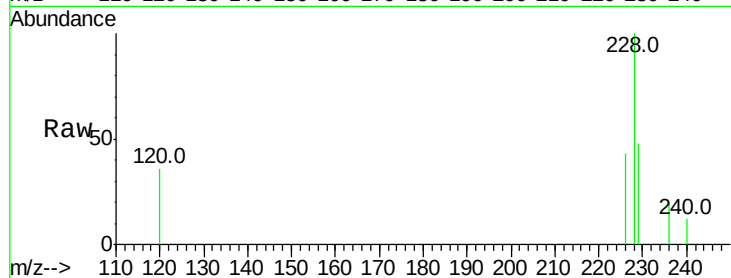
ClientSampleId :

B-16(7-7.75)_1012117RE

Tot Ion:	228	Resp:	15229
Ion Ratio	Lower	Upper	
228	100		
226	42.7	23.4	35.0#
229	47.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.216 ng/ul m

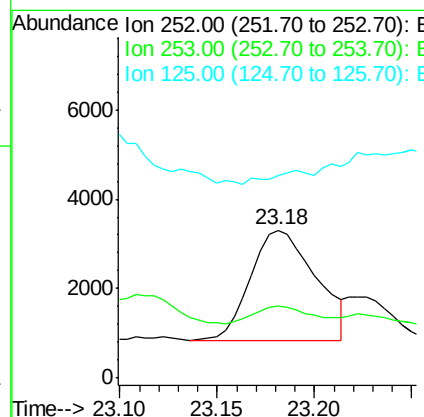
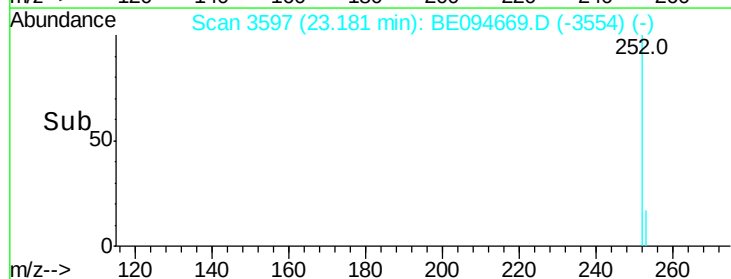
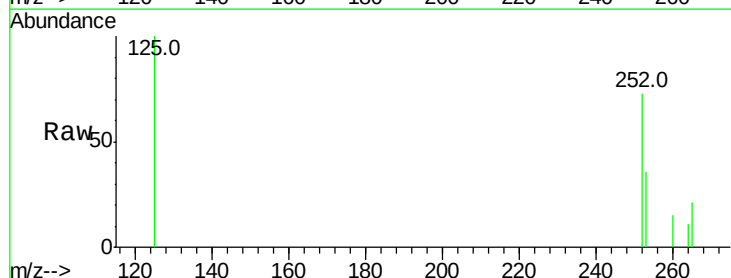
RT: 23.18 min Scan# 3597

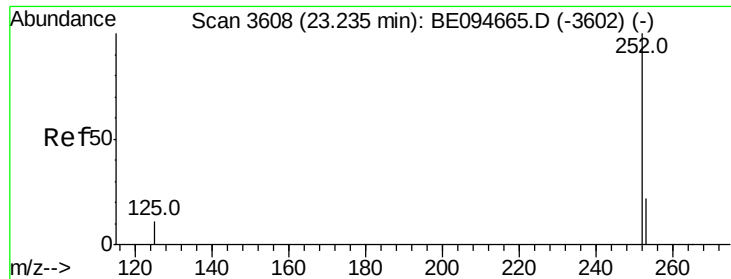
Delta R.T. -0.00 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Tgt Ion:	252	Resp:	5766
Ion Ratio	Lower	Upper	
252	100		
253	48.9	0.0	64.2
125	136.5	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.070 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

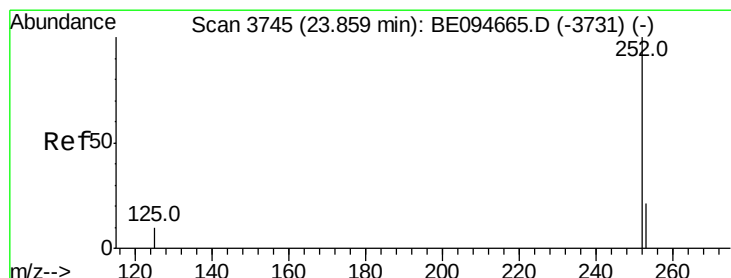
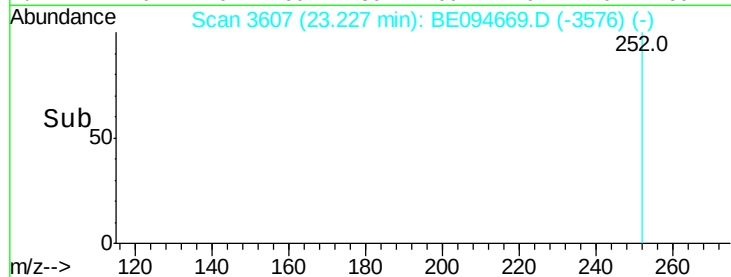
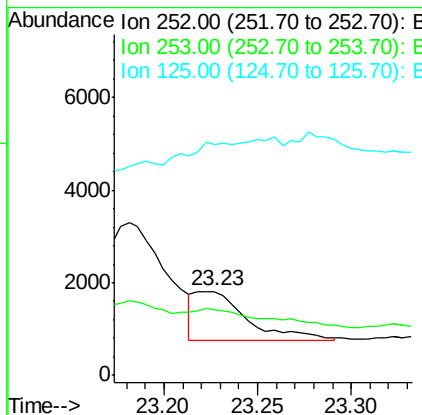
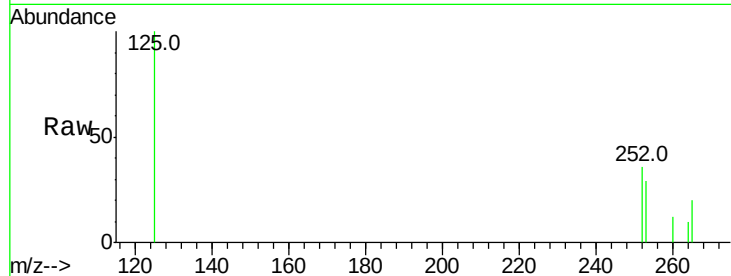
B-16(7-7.75)_1012117RE

Tot Ion:	252	Resp:	2012
Ion Ratio	Lower	Upper	
252	100		
253	78.7	24.5	36.7#
125	276.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.260 ng/ul

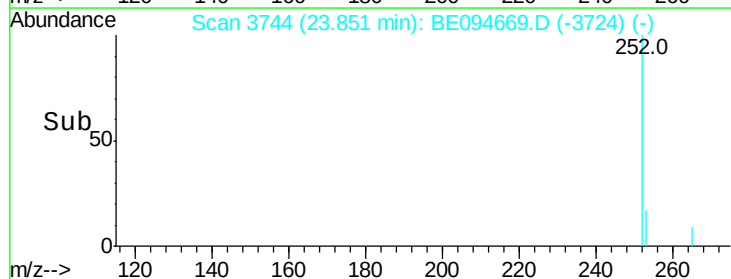
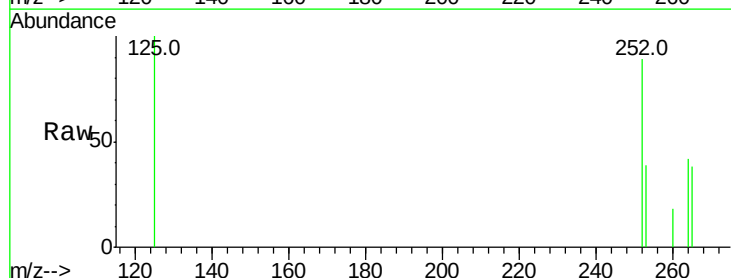
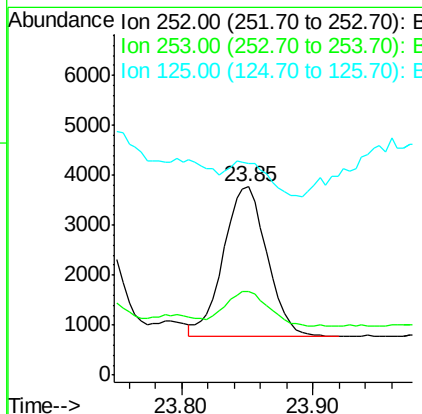
RT: 23.85 min Scan# 3744

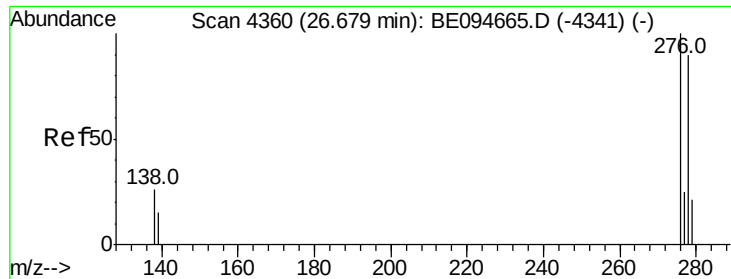
Delta R.T. -0.01 min

Lab File: BE094669.D

Acq: 31 Oct 2017 21:50

Tgt Ion:	252	Resp:	6941
Ion Ratio	Lower	Upper	
252	100		
253	44.2	28.5	42.7#
125	112.5	18.1	27.1#





#24

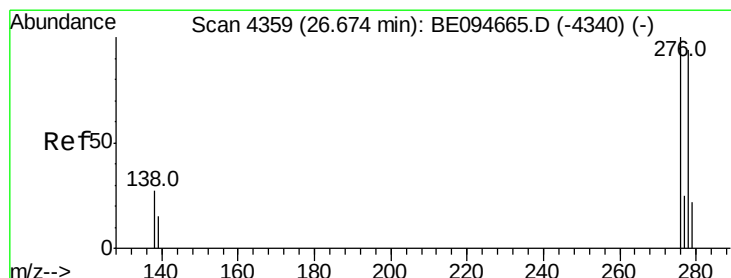
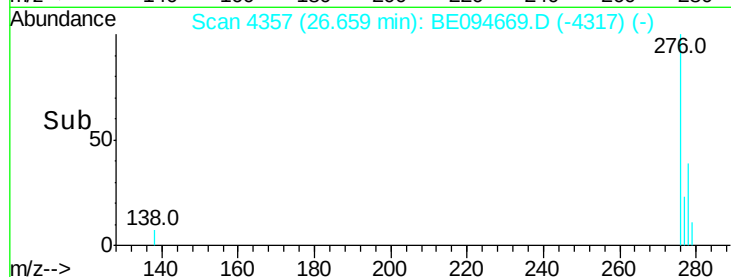
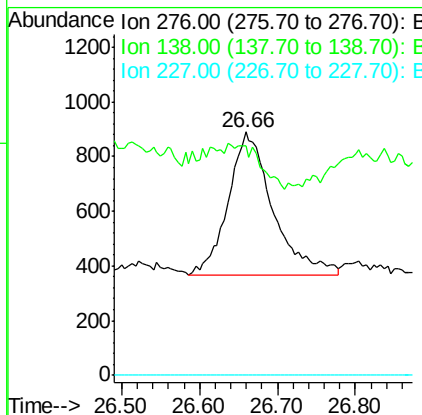
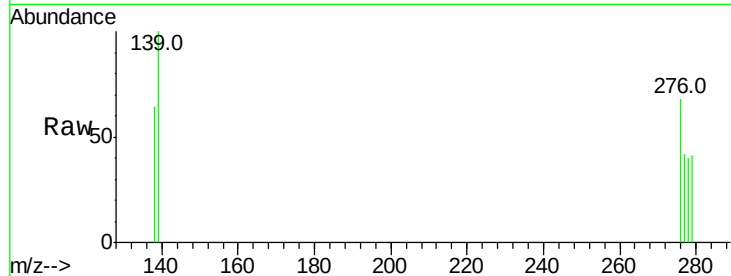
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :
B-16(7-7.75)_1012117RE

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

Manual Integrations
APPROVED

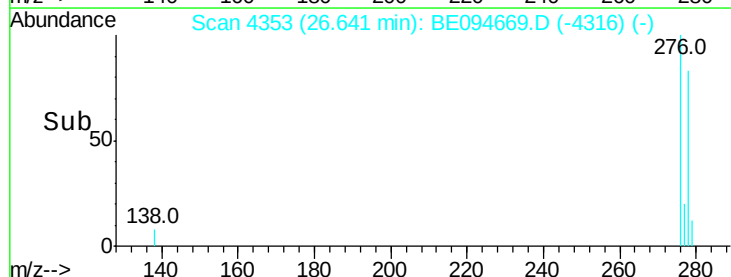
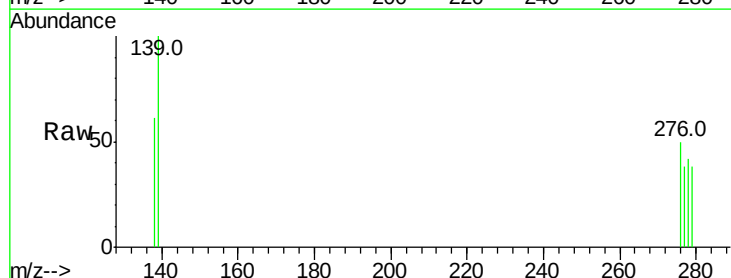
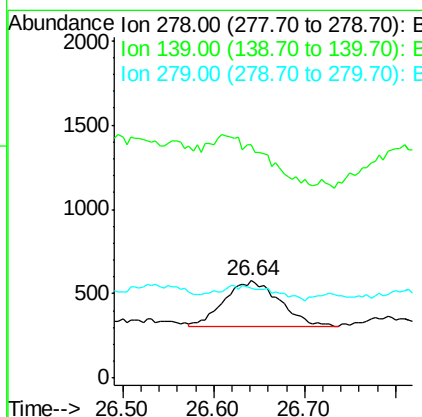
Sohil
11/1/2017 4:29:46 PM

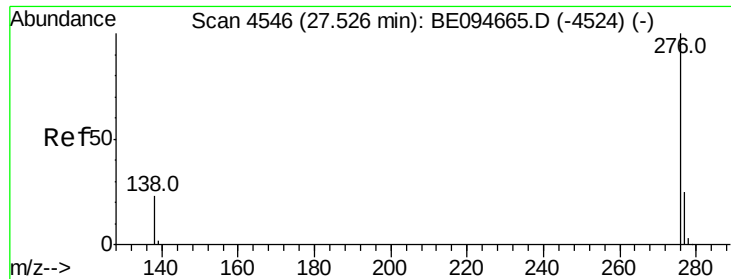


#25

Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BE094669.D
Acq: 31 Oct 2017 21:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	239.9	17.4	26.0#
279	92.2	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.131 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. -0.02 min

Lab File: BE094669.D

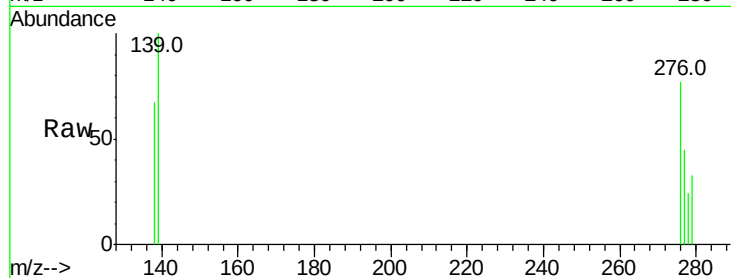
Acq: 31 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

B-16(7-7.75)_1012117RE



Tot Ion: 276 Resp: 2897

Ion Ratio Lower Upper

276 100

138 87.3 21.8 32.8#

277 58.2 20.5 30.7#

Manual Integrations

APPROVED

Sohil

11/1/2017 4:29:46 PM

