

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094760.D
 Acq On : 6 Nov 2017 19:15
 Operator : SJ/JU
 Sample : I6096-02 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-76(1-3)-102317

Manual Integrations
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 11/7/2017 5:41:51 PM

Quant Time: Nov 07 11:38:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 01:37:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1385	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8227	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4526	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9914	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9820	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10800	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	225	0.02	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1205	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	2056	0.102	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	481	0.034	ng/ul	98
7) Acenaphthylene	14.24	152	2617	0.128	ng/ul	97
8) Acenaphthene	14.58	153	414	0.028	ng/ul#	91
9) Fluorene	15.57	166	690	0.042	ng/ul#	89
12) Phenanthrene	17.29	178	30729	1.173	ng/ul#	89
13) Anthracene	17.38	178	6876	0.266	ng/ul	93
15) Fluoranthene	19.31	202	77480	2.559	ng/ul	84
17) Pyrene	19.67	202	80610	2.655	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	46469	1.655	ng/ul#	88
19) Chrysene	21.46	228	47896	1.651	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	70425m	2.318	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	24870m	0.764	ng/ul	
23) Benzo(a)pyrene	23.85	252	48566	1.599	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	28457	0.906	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.66	278	6354	0.240	ng/ul#	79
26) Benzo(g,h,i)perylene	27.53	276	23474	0.930	ng/ul	95

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

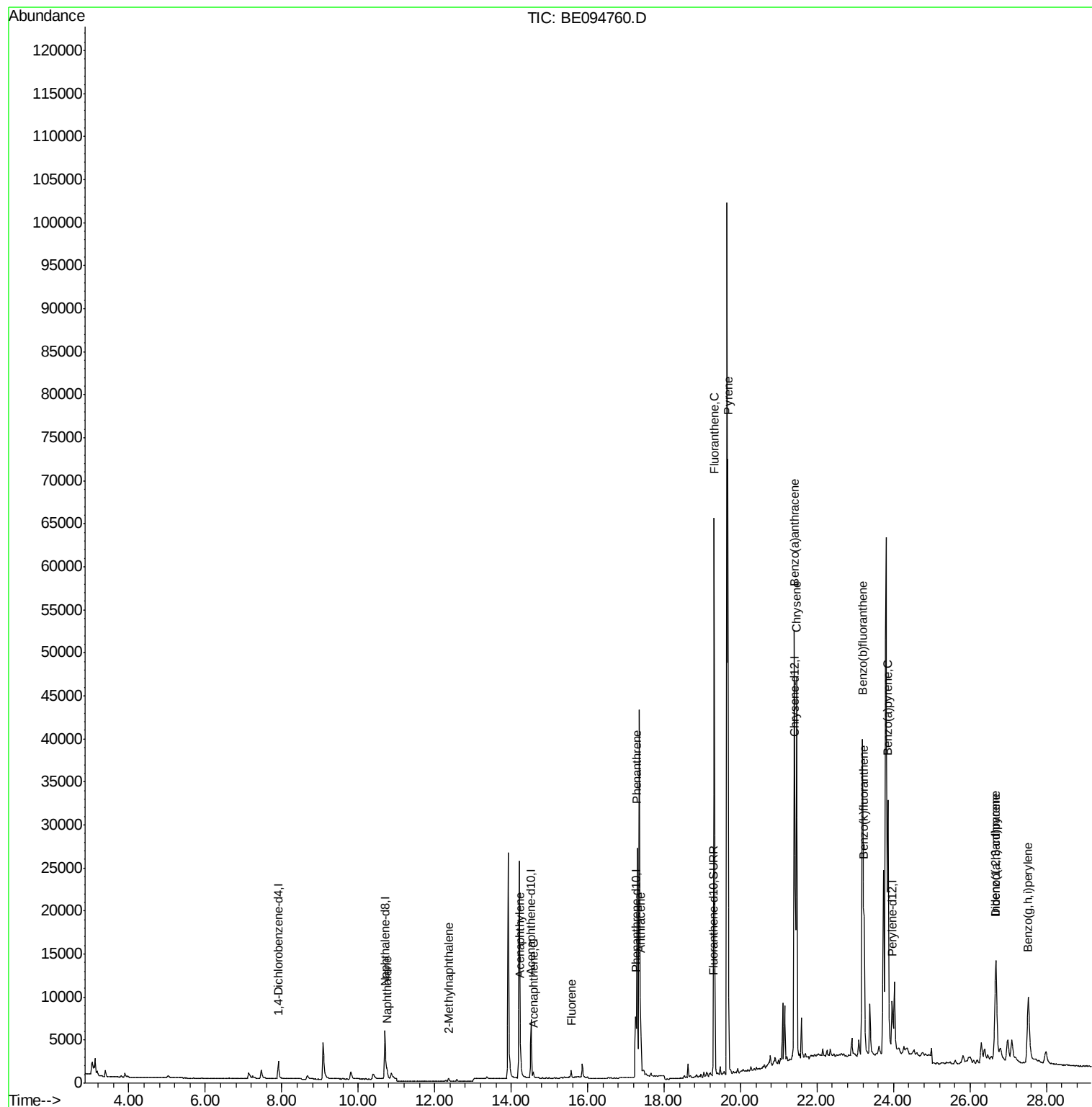
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
Data File : BE094760.D
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Sample : I6096-02 5X
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ALS Vial : 15 Sample Multiplier: 1

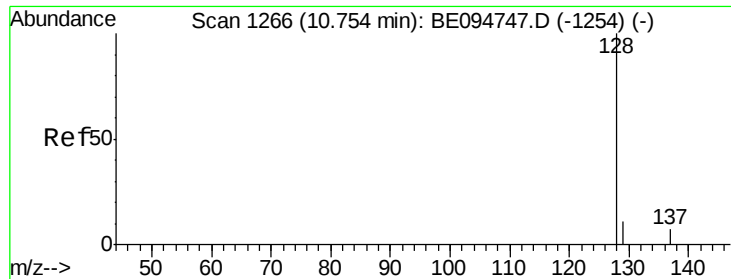
Instrument :
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B-76(1-3)-102317

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Quant Time: Nov 07 11:38:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Tue Nov 07 01:37:48 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

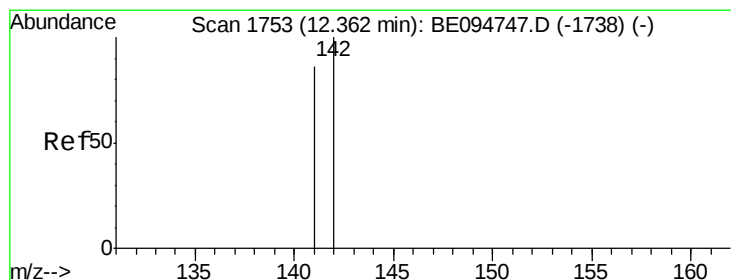
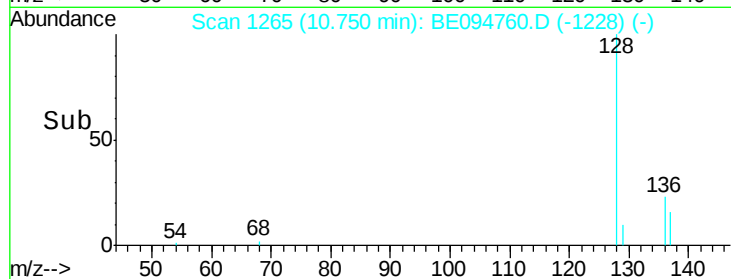
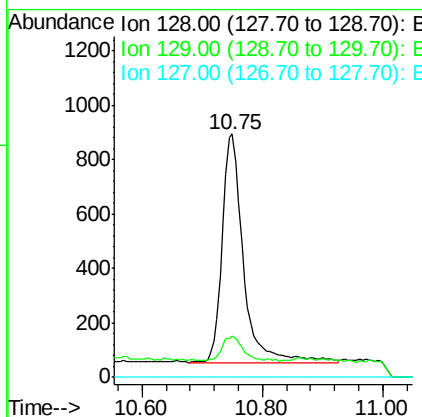
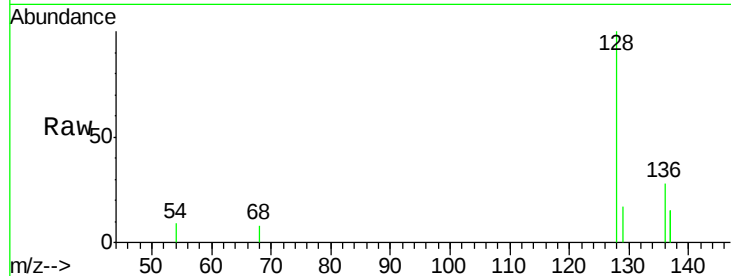
ClientSampleId :

B-76(1-3)-102317

Tgt Ion:	128	Resp:	2056
Ion Ratio	Lower	Upper	
128	100		
129	17.1	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

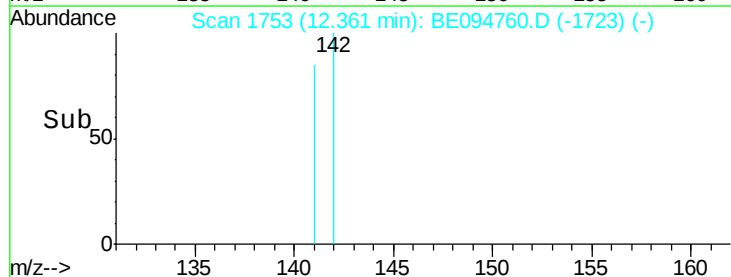
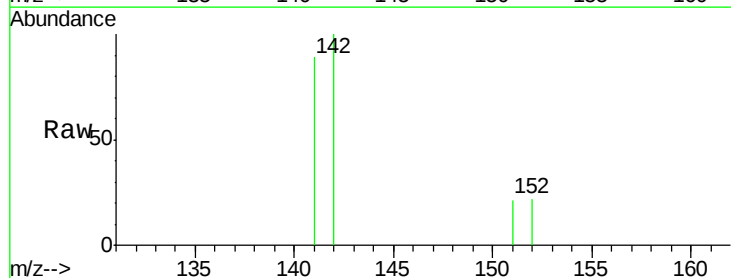
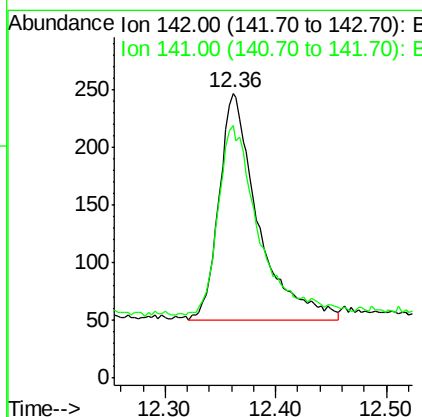
RT: 12.36 min Scan# 1753

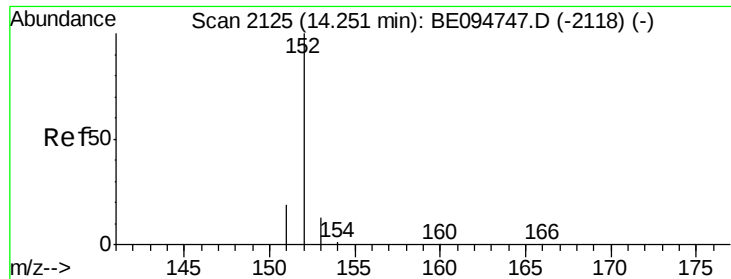
Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Tgt Ion:	142	Resp:	481
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

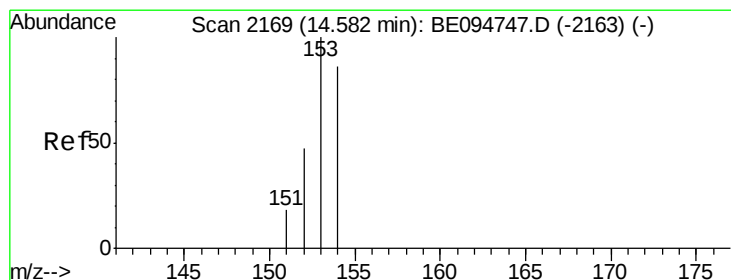
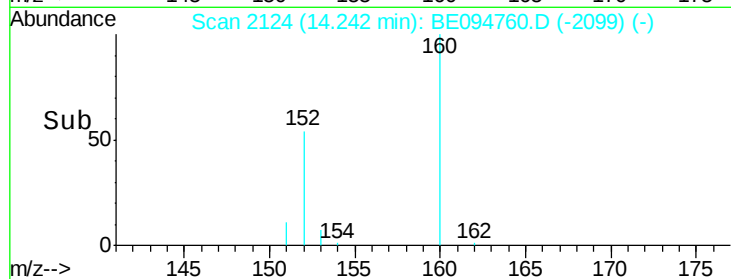
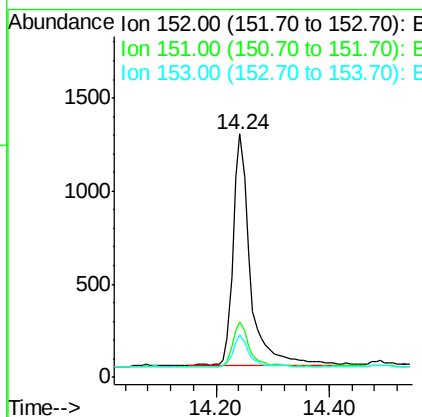
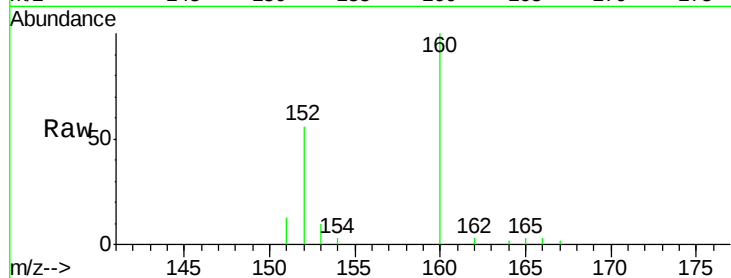
ClientSampleId :

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Tgt Ion:	152	Resp:	2617
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	17.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.028 ng/ul

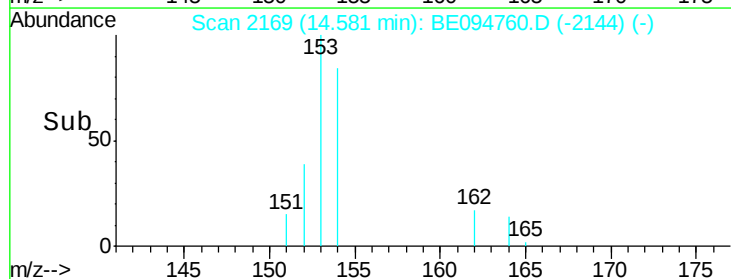
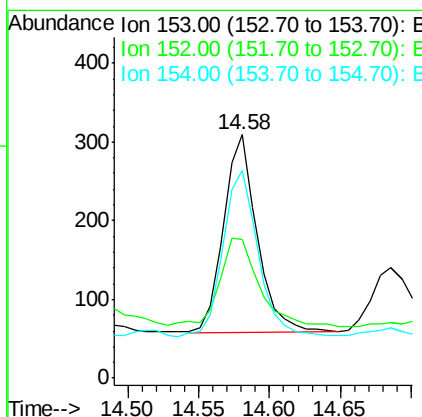
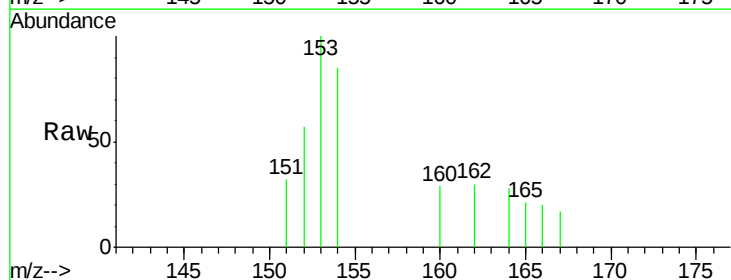
RT: 14.58 min Scan# 2169

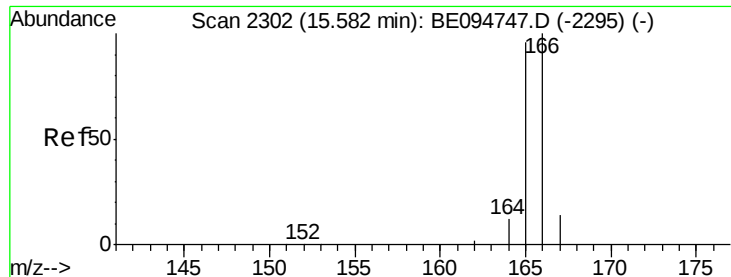
Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Tgt Ion:	153	Resp:	414
Ion Ratio	Lower	Upper	
153	100		
152	57.0	36.0	54.0#
154	85.4	72.0	108.0





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

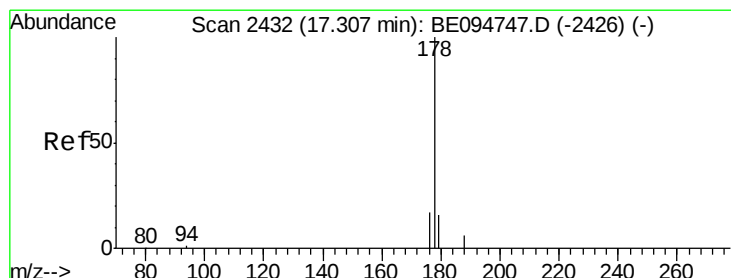
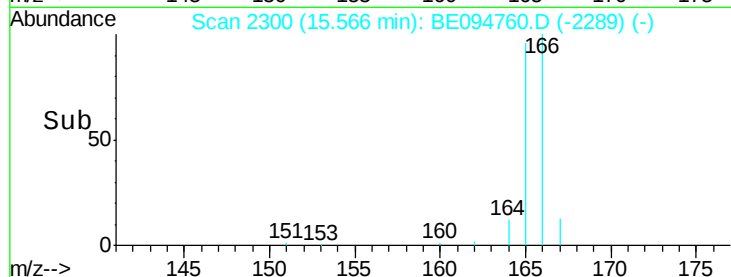
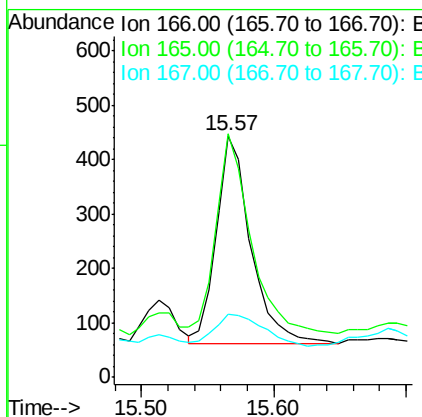
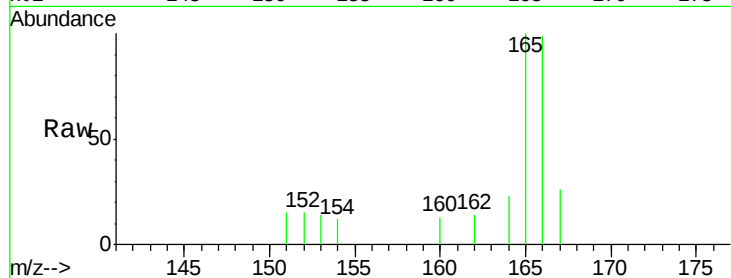
ClientSampleId :

B-76(1-3)-102317

Tgt Ion:	166	Resp:	690
Ion Ratio	Lower	Upper	
166	100		
165	100.9	73.4	110.2
167	26.2	14.6	22.0

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#12

Phenanthrene

Concen: 1.173 ng/ul

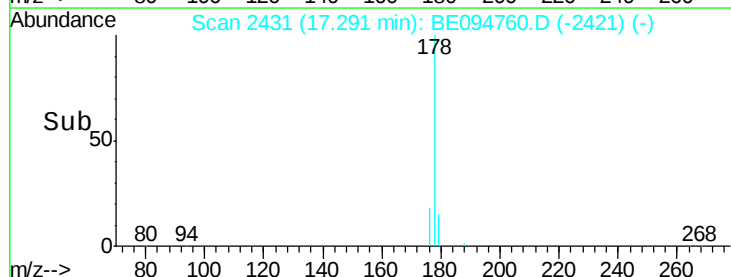
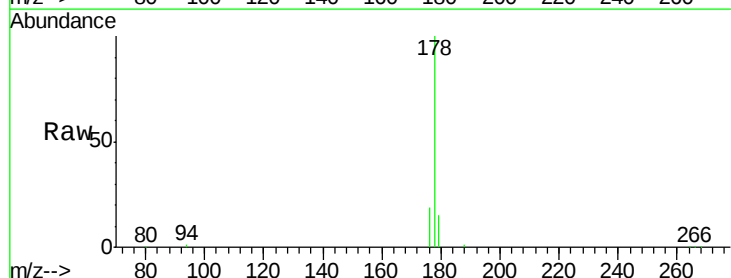
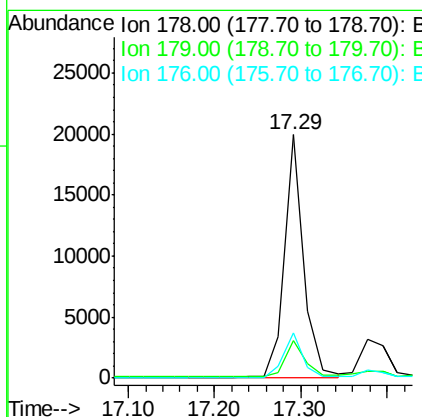
RT: 17.29 min Scan# 2431

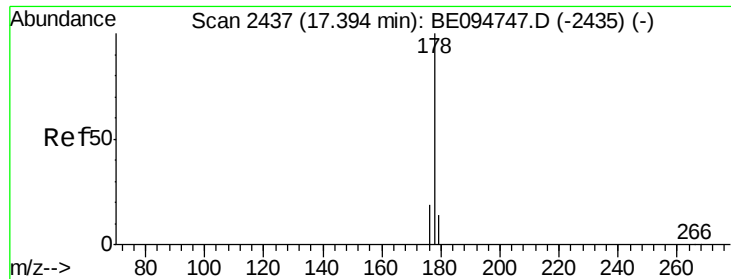
Delta R.T. -0.02 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Tgt Ion:	178	Resp:	30729
Ion Ratio	Lower	Upper	
178	100		
179	15.4	18.4	27.6
176	18.7	13.6	20.4





#13

Anthracene

Concen: 0.266 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

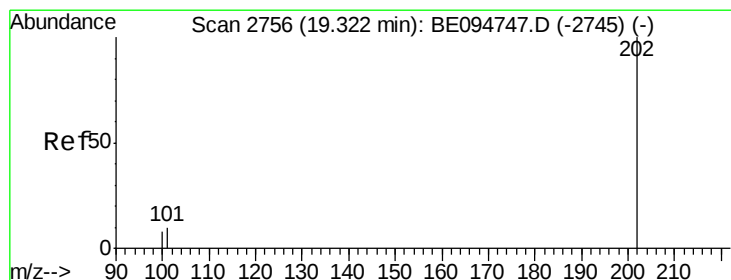
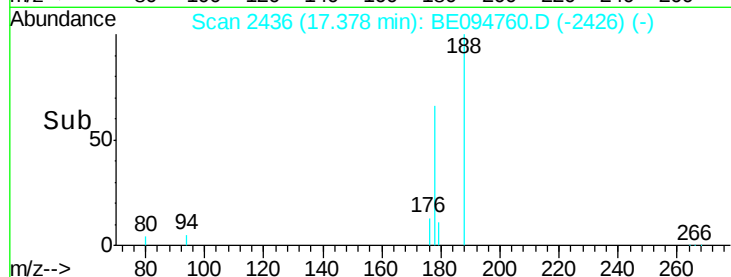
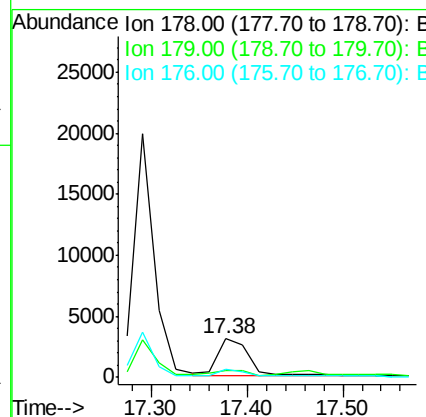
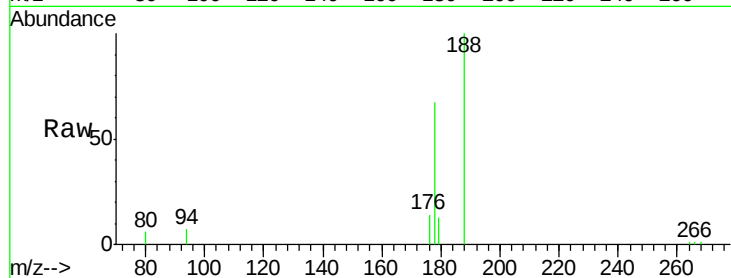
ClientSampleId :

B-76(1-3)-102317

Tgt Ion:	178	Resp:	6876
Ion Ratio	Lower	Upper	
178	100		
179	19.2	18.1	27.1
176	21.3	14.7	22.1

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#15

Fluoranthene

Concen: 2.559 ng/ul

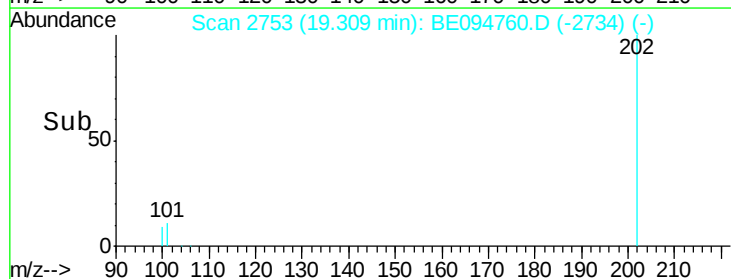
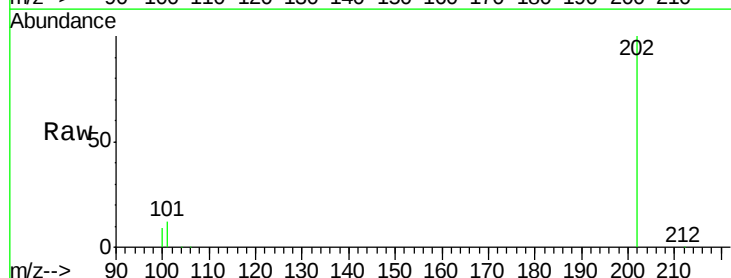
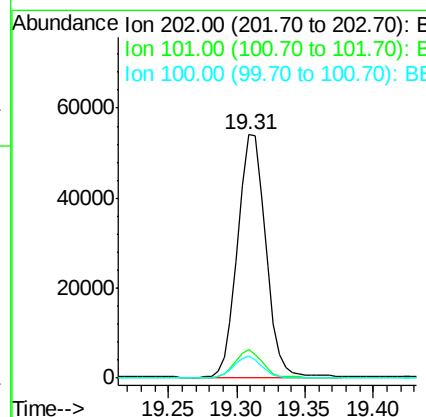
RT: 19.31 min Scan# 2753

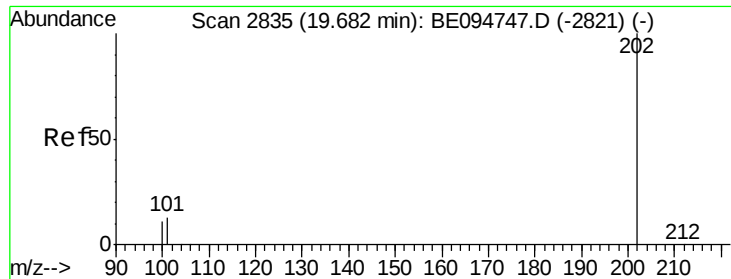
Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Tgt Ion:	202	Resp:	77480
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	9.1	0.0	39.5





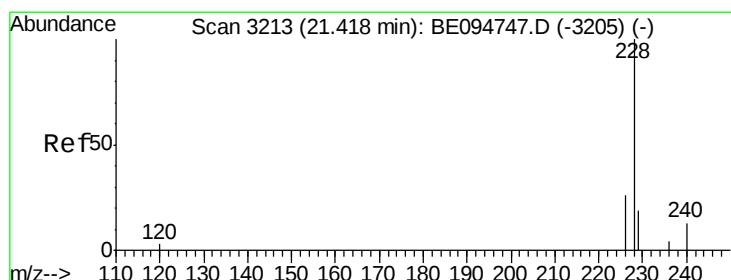
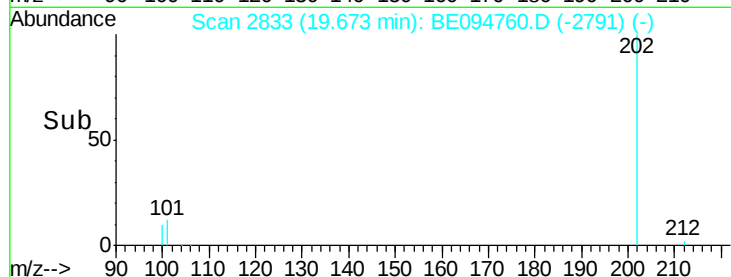
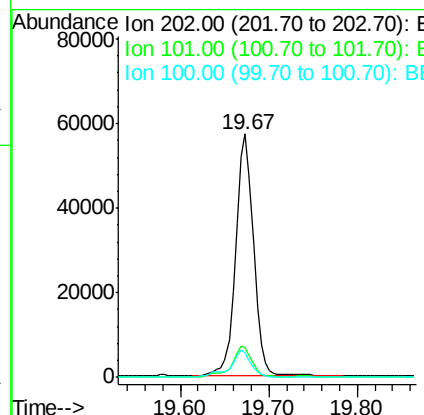
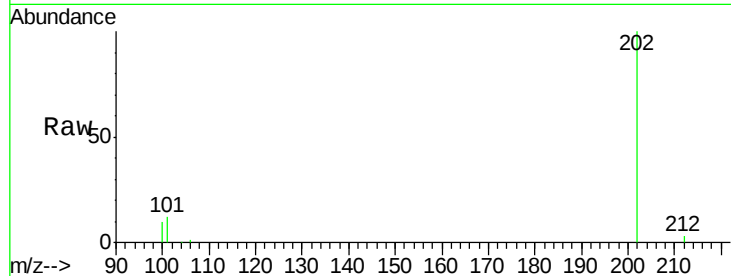
#17
Pyrene
 Concen: 2.655 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BE094760.D
 Acq: 6 Nov 2017 19:15

Instrument :
 BNA_E
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80610		
101	12.2	18.2	27.4#	
100	10.3	15.6	23.4#	

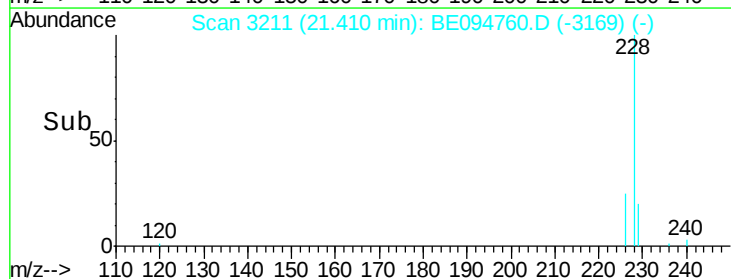
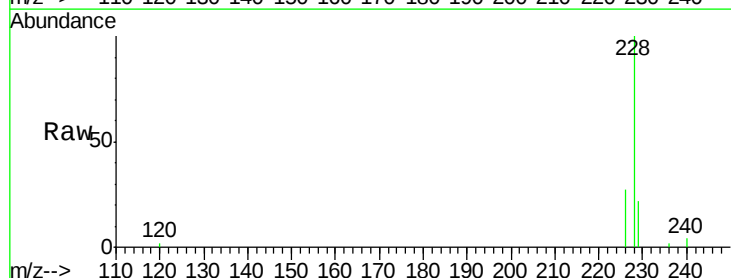
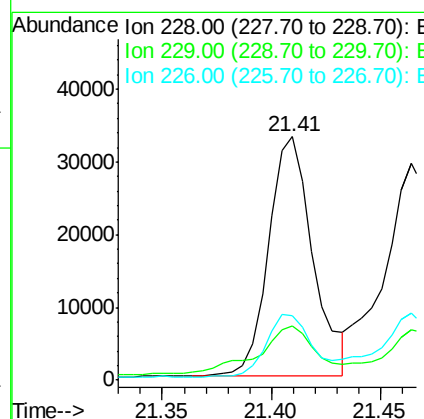
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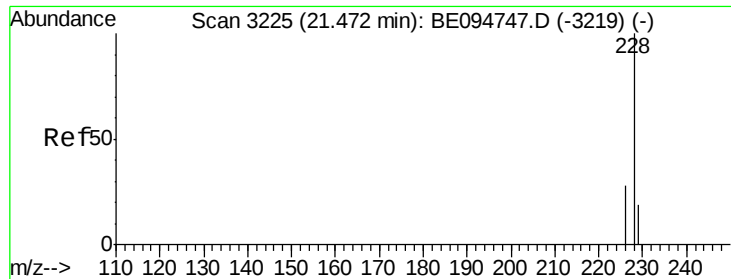
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#18
Benzo(a)anthracene
 Concen: 1.655 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.01 min
 Lab File: BE094760.D
 Acq: 6 Nov 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46469		
229	22.3	22.8	34.2#	
226	26.7	17.0	25.6#	





#19

Chrysene

Concen: 1.651 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

ClientSampleId :

B-76(1-3)-102317

Tgt Ion:228 Resp: 47896

Ion Ratio Lower Upper

228 100

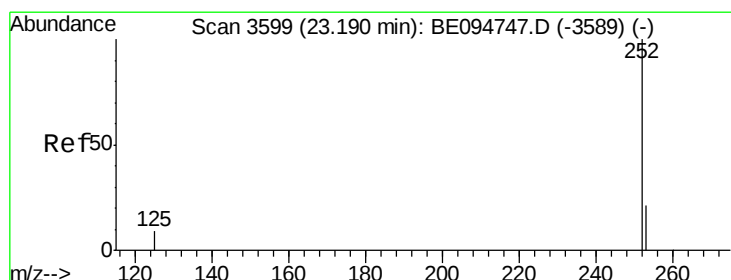
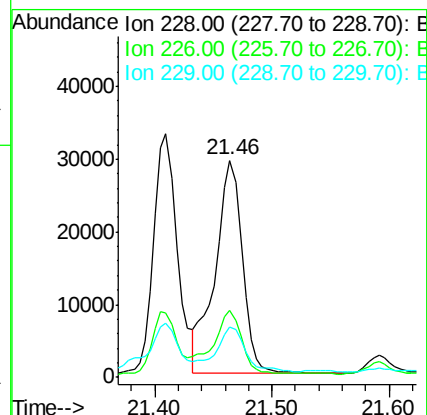
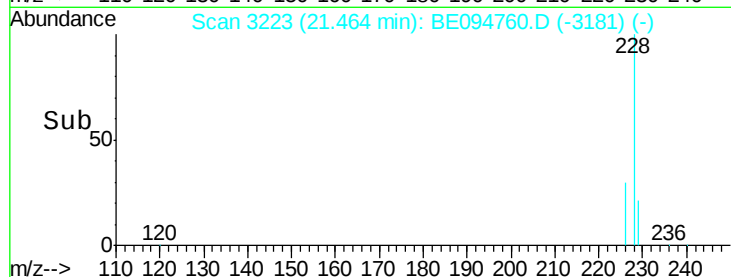
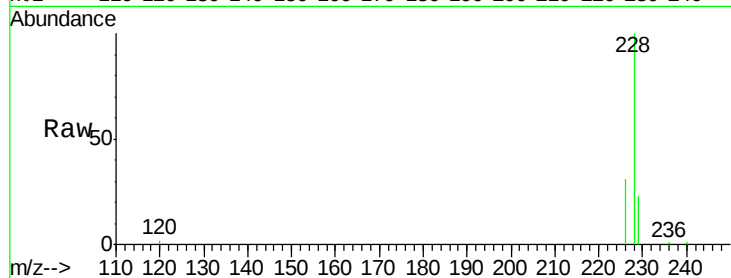
226 30.9 23.4 35.0

229 23.0 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 2.318 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

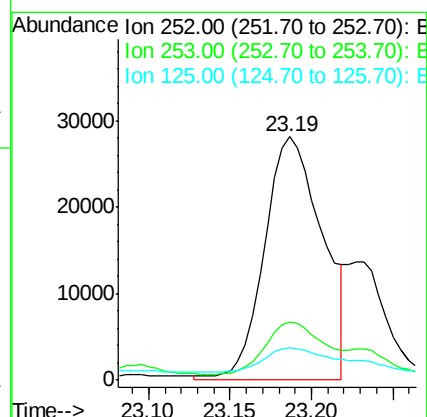
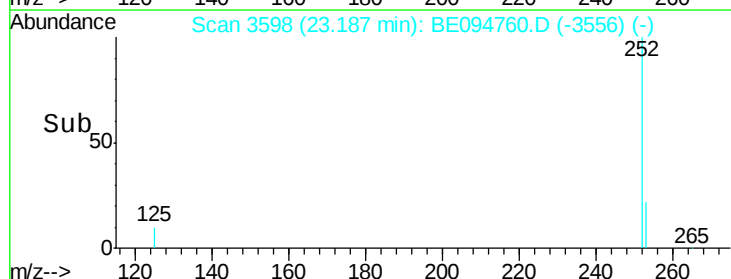
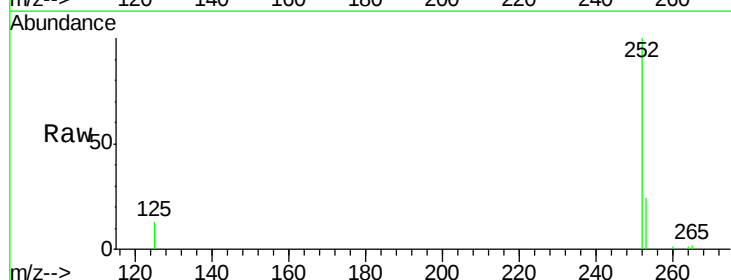
Tgt Ion:252 Resp: 70425

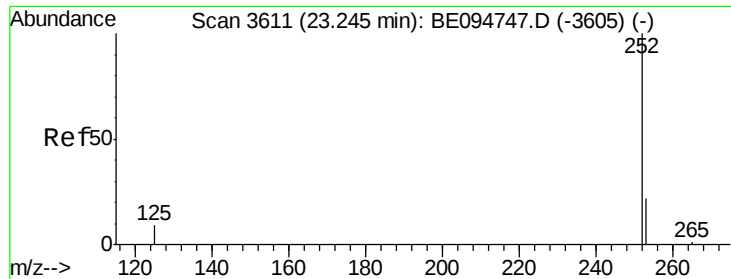
Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

125 13.2 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.764 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

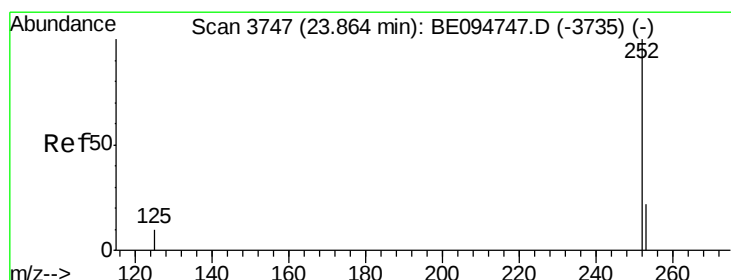
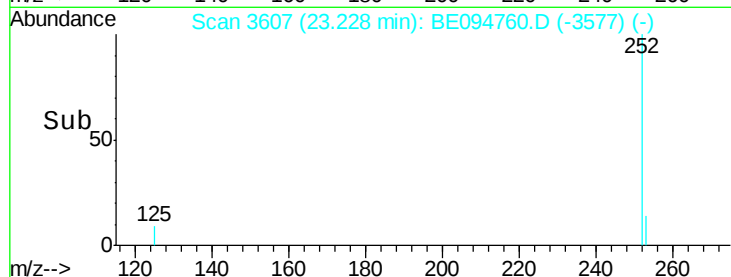
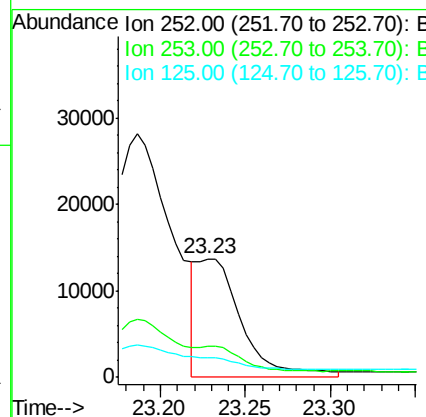
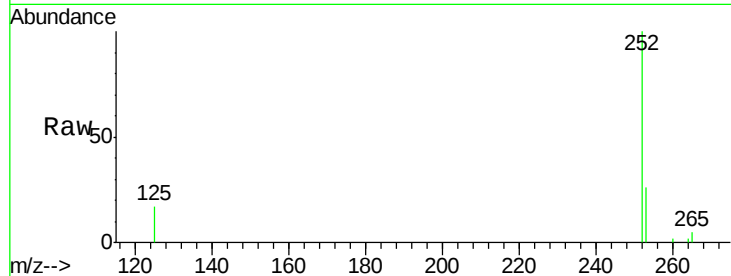
ClientSampleId :

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Tgt Ion:	252	Resp:	24870
Ion Ratio	Lower	Upper	
252	100		
253	26.0	24.5	36.7
125	16.7	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.599 ng/ul

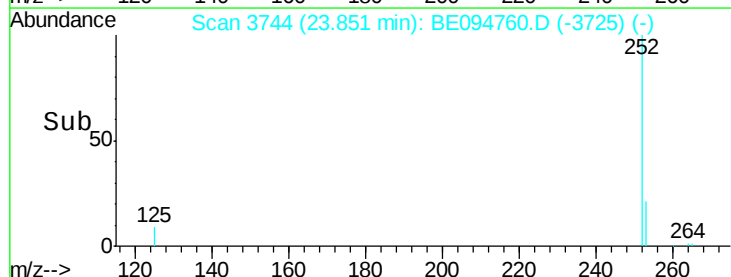
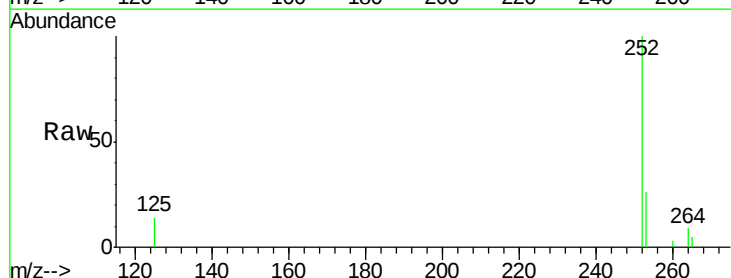
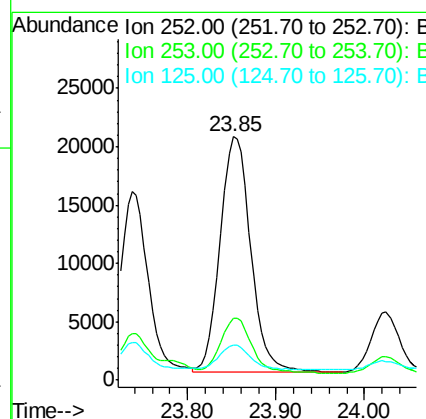
RT: 23.85 min Scan# 3744

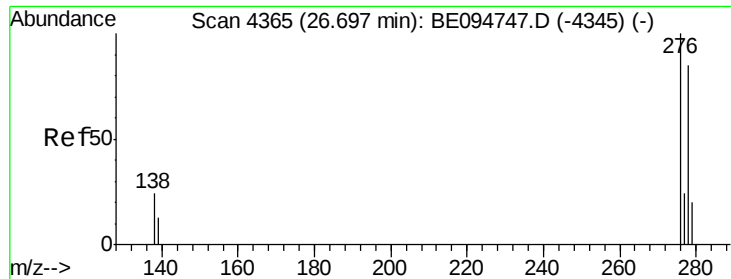
Delta R.T. -0.01 min

Lab File: BE094760.D

Acq: 6 Nov 2017 19:15

Tgt Ion:	252	Resp:	48566
Ion Ratio	Lower	Upper	
252	100		
253	25.5	28.5	42.7#
125	14.4	18.1	27.1#





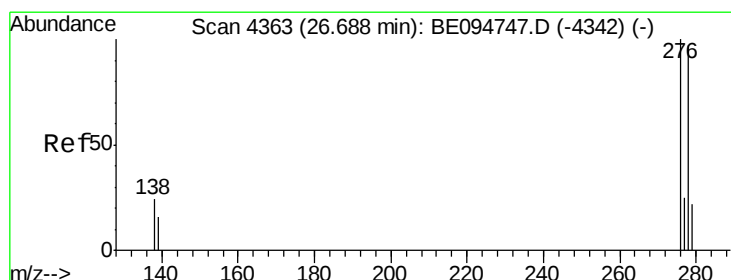
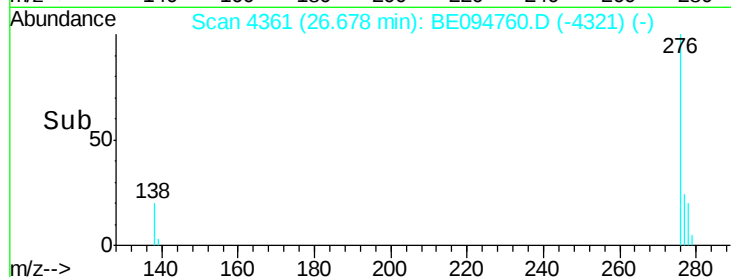
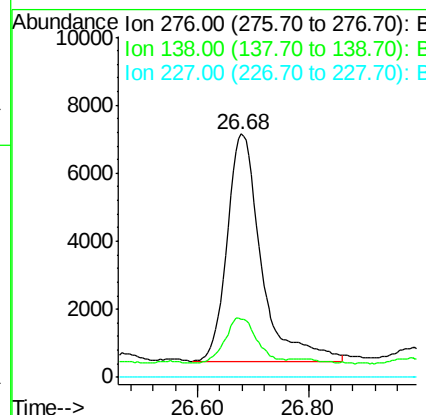
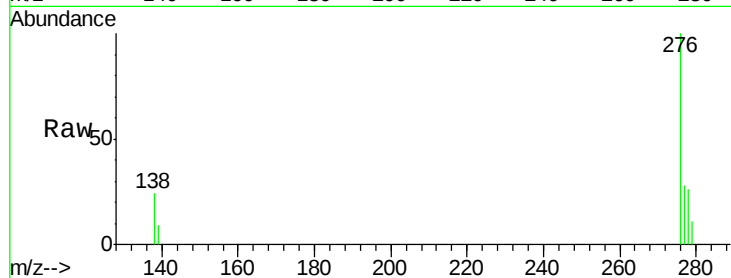
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.906 ng/u1
 RT: 26.68 min Scan# 4361
 Delta R.T. -0.02 min
 Lab File: BE094760.D
 Acq: 6 Nov 2017 19:15

Instrument :
 BNA_E
 ClientSampleId :
 B-76(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

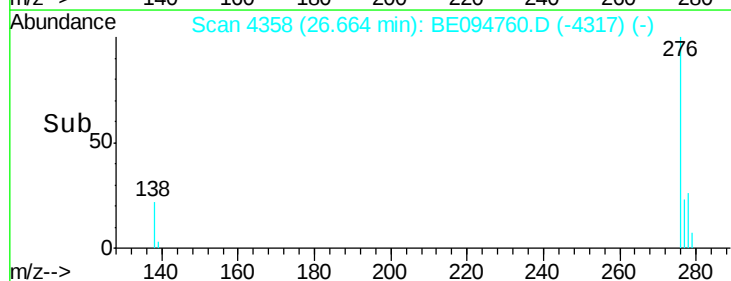
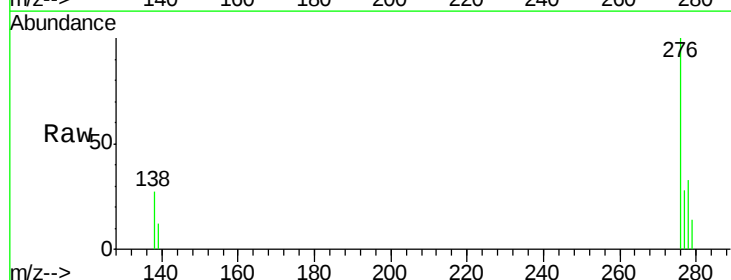
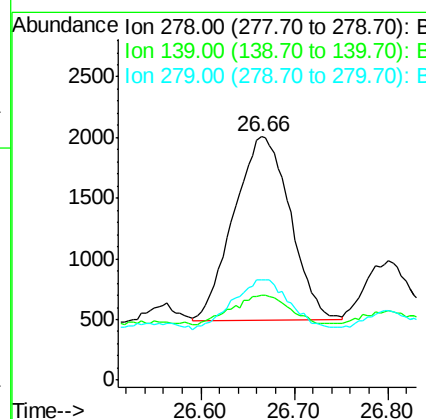
Manual Integrations
 APPROVED

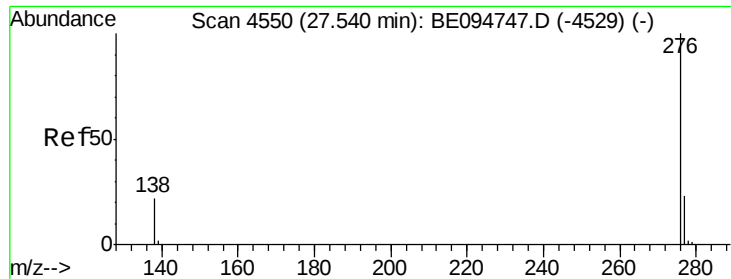
Sohil
 11/7/2017 5:41:51 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.240 ng/u1
 RT: 26.66 min Scan# 4358
 Delta R.T. -0.01 min
 Lab File: BE094760.D
 Acq: 6 Nov 2017 19:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.9	17.4	26.0#
279	41.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.930 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BE094760.D

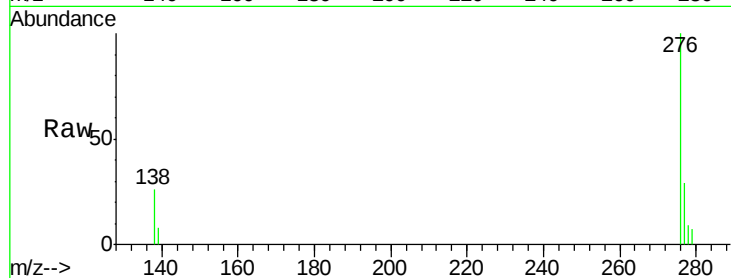
Acq: 6 Nov 2017 19:15

Instrument :

BNA_E

ClientSampleId :

B-76(1-3)-102317



Tgt Ion:	276	Resp:	23474
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.8	32.8
277	29.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:51 PM

