

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094726.D
 Acq On : 4 Nov 2017 2:14
 Operator : SJ/JU
 Sample : I5955-14 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-6(5-5.5)-101717

Manual Integrations
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 11/4/2017 2:16:56 PM

Quant Time: Nov 04 04:01:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 02:38:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1860	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.68	136	11071	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5697m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	12995m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	13356	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13453	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.26	152	821	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1054m	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	786186	29.044	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	304481	16.078	ng/ul	98
7) Acenaphthylene	14.23	152	10570	0.410	ng/ul#	48
8) Acenaphthene	14.57	153	462530	24.978	ng/ul	100
9) Fluorene	15.56	166	664821	31.972	ng/ul#	92
12) Phenanthrene	17.31	178	6291762	183.305	ng/ul#	89
13) Anthracene	17.38	178	2003528	59.149	ng/ul#	88
15) Fluoranthene	19.33	202	5869964	147.923	ng/ul	84
17) Pyrene	19.69	202	5143506	124.572	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	2244012	58.772	ng/ul#	85
19) Chrysene	21.47	228	1865671	47.274	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	1999113m	52.827	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	612913m	15.114	ng/ul	
23) Benzo(a)pyrene	23.86	252	1641622	43.398	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.66	276	788381	20.142	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	173505	5.261	ng/ul	90
26) Benzo(g,h,i)perylene	27.50	276	593035	18.868	ng/ul	96

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

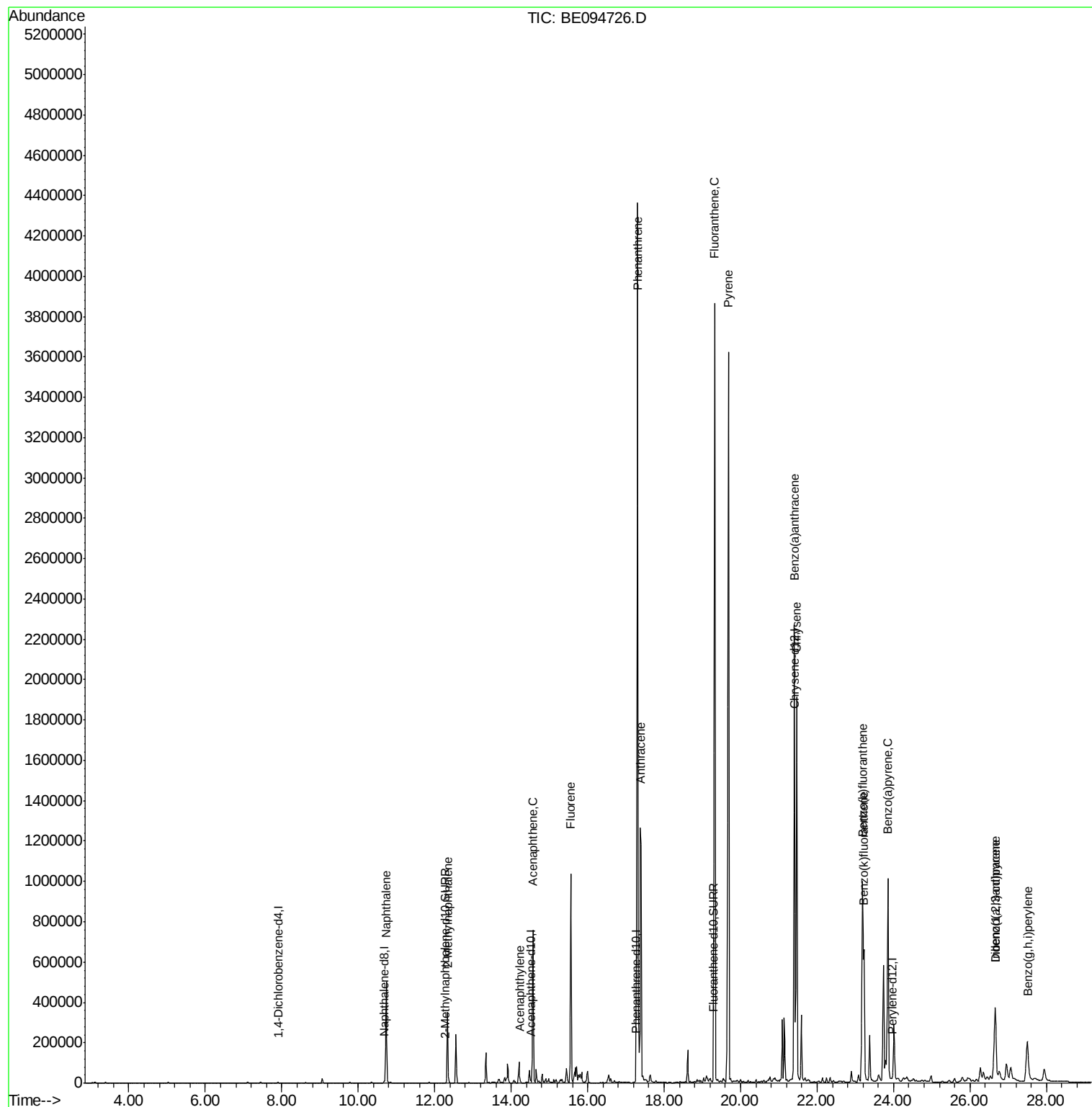
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 26 Sample Multiplier: 1

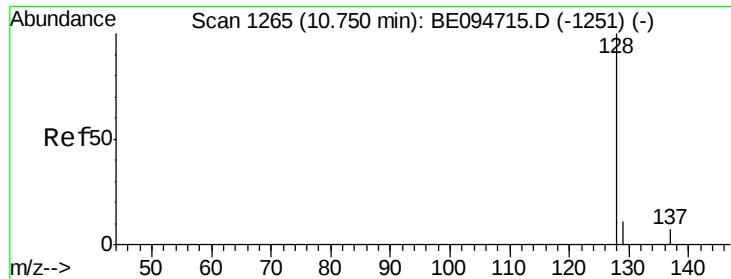
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#3

Naphthalene

Concen: 29.044 ng/ul

RT: 10.73 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Instrument :

BNA_E

ClientSampleId :

B-6(5-5.5)-101717

Tgt Ion:128 Resp: 786186

Ion Ratio Lower Upper

128 100

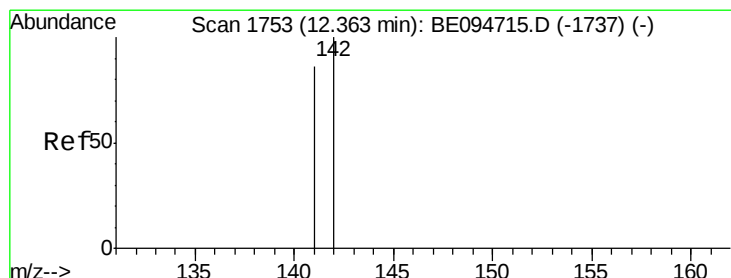
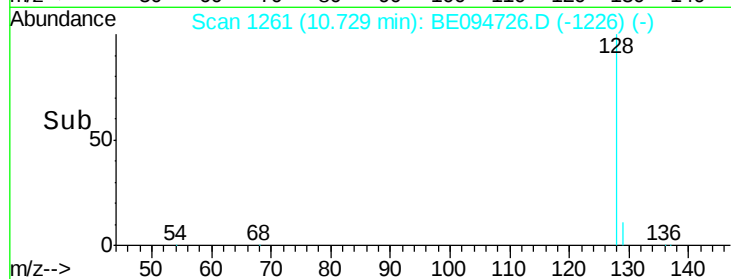
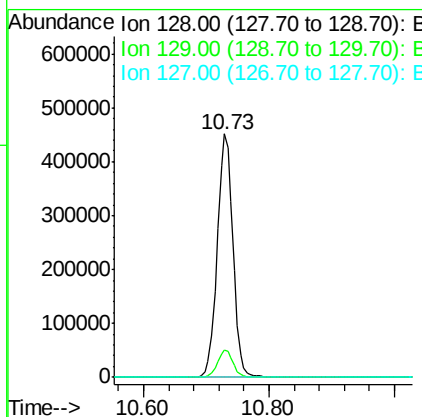
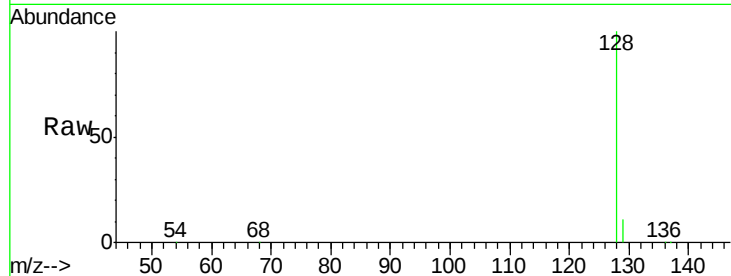
129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 16.078 ng/ul

RT: 12.34 min Scan# 1744

Delta R.T. -0.03 min

Lab File: BE094726.D

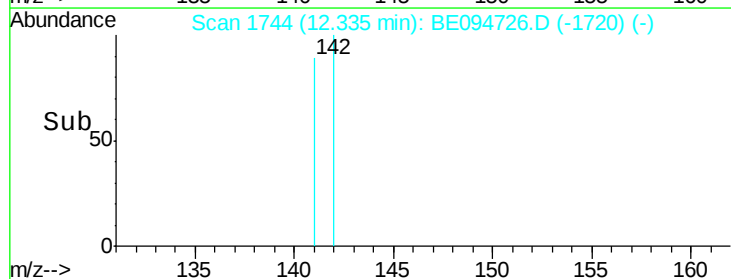
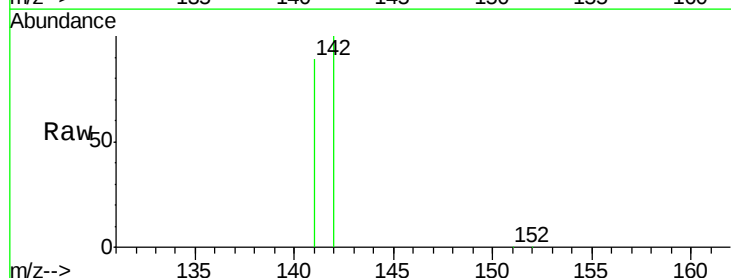
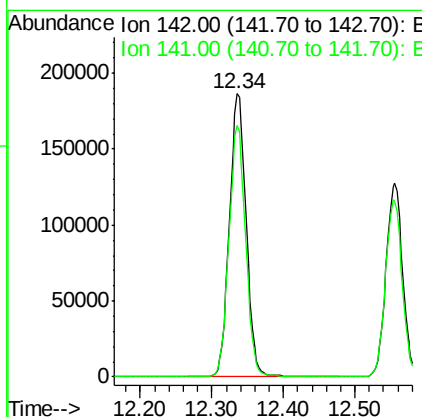
Acq: 4 Nov 2017 2:14

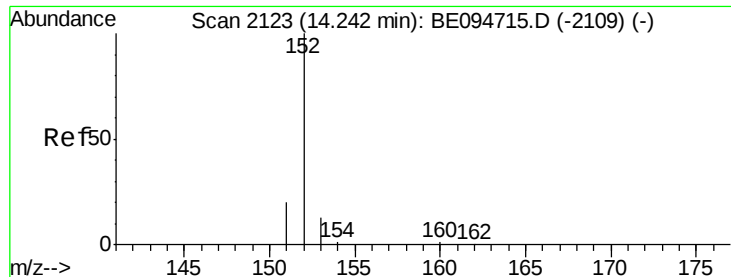
Tgt Ion:142 Resp: 304481

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.410 ng/ul

RT: 14.23 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Instrument :

BNA_E

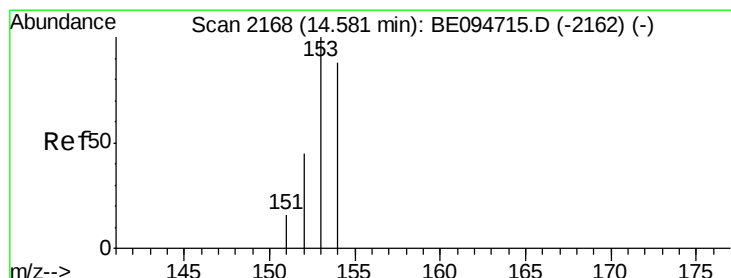
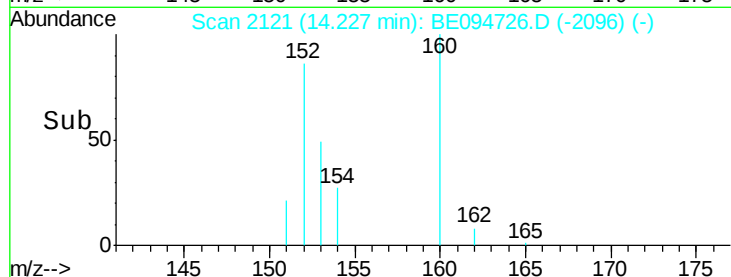
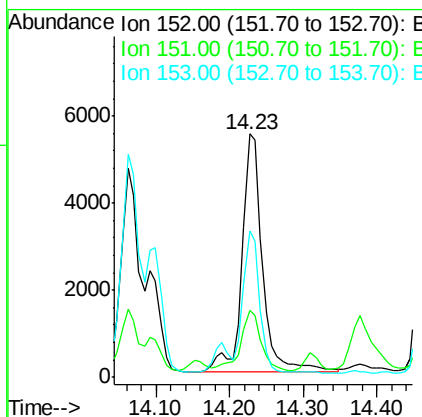
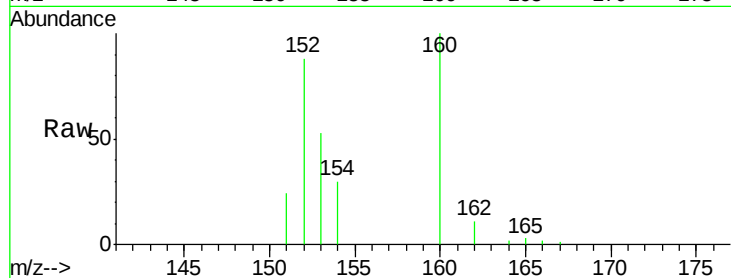
ClientSampleId :

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Tgt Ion:	152	Resp:	10570
Ion Ratio	Lower	Upper	
152	100		
151	27.5	17.1	25.7#
153	60.2	12.8	19.2#

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#8

Acenaphthene

Concen: 24.978 ng/ul

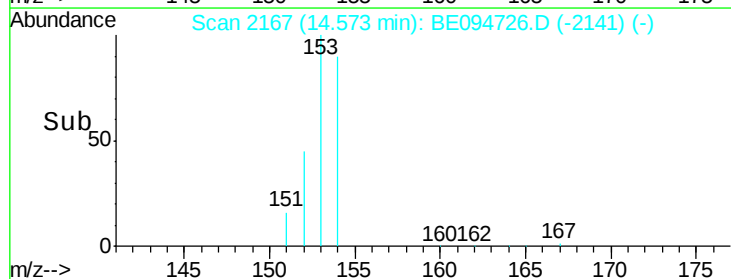
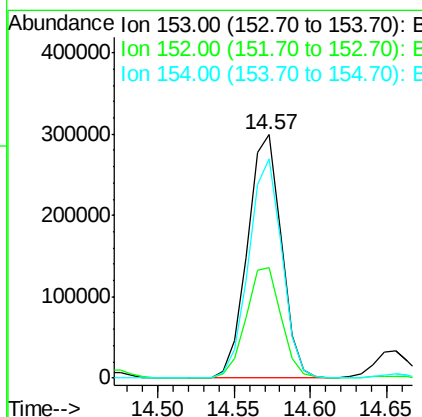
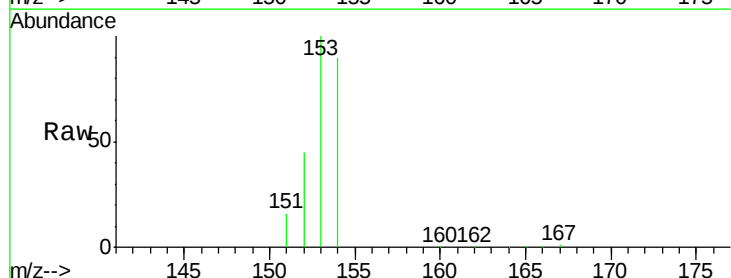
RT: 14.57 min Scan# 2167

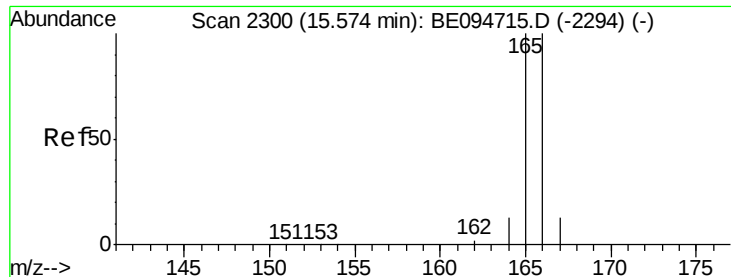
Delta R.T. -0.01 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Tgt Ion:	153	Resp:	462530
Ion Ratio	Lower	Upper	
153	100		
152	45.4	36.0	54.0
154	89.9	72.0	108.0





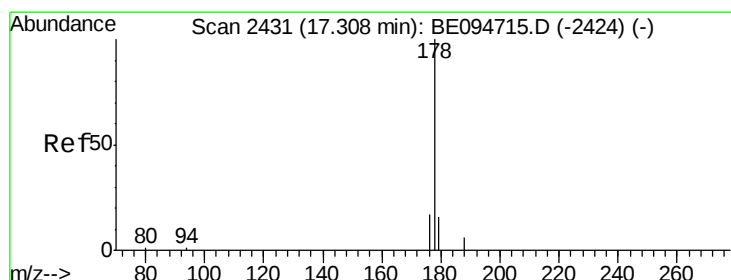
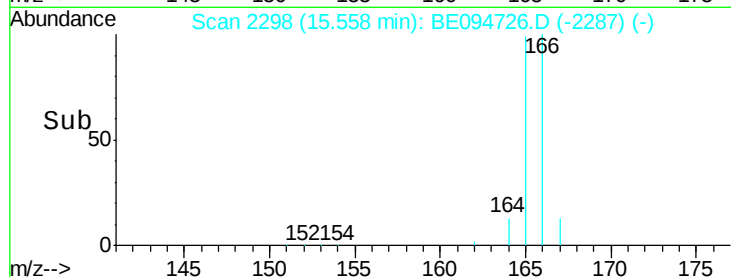
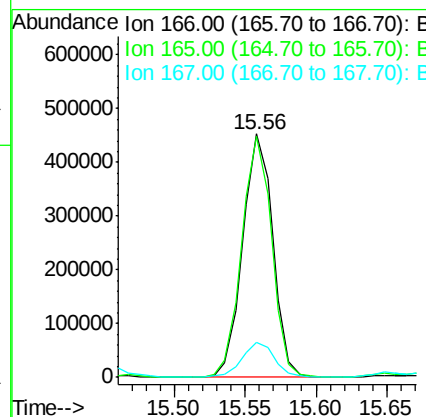
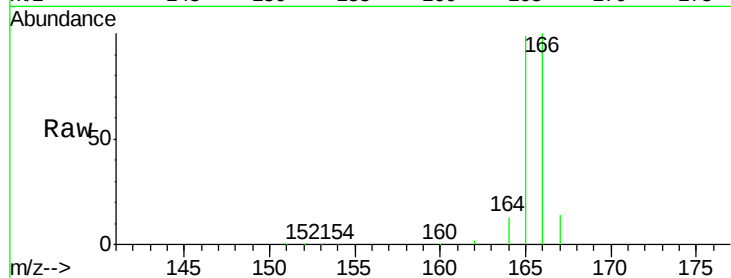
#9
Fluorene
 Concen: 31.972 ng/ul
 RT: 15.56 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: BE094726.D
 Acq: 4 Nov 2017 2:14

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	14.4	14.6	22.0

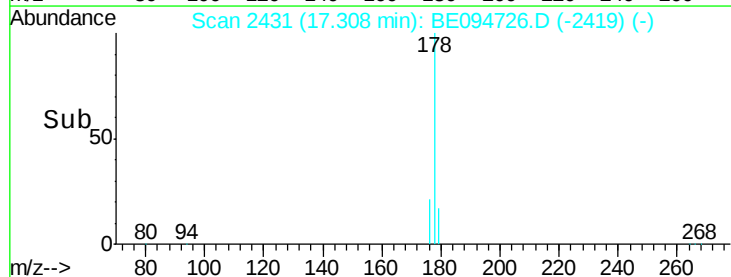
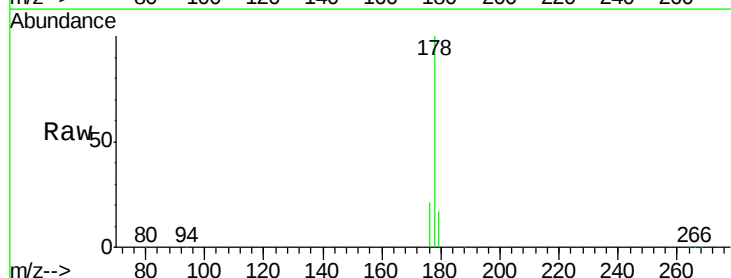
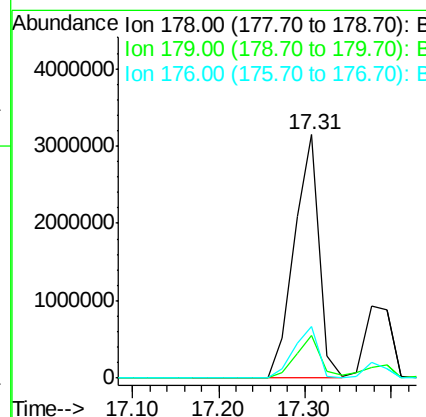
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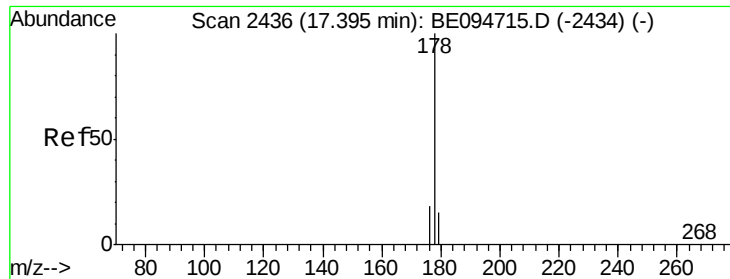
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#12
Phenanthrene
 Concen: 183.305 ng/ul
 RT: 17.31 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE094726.D
 Acq: 4 Nov 2017 2:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6
176	21.3	13.6	20.4





#13

Anthracene

Concen: 59.149 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:178 Resp: 2003528

Ion Ratio Lower Upper

178 100

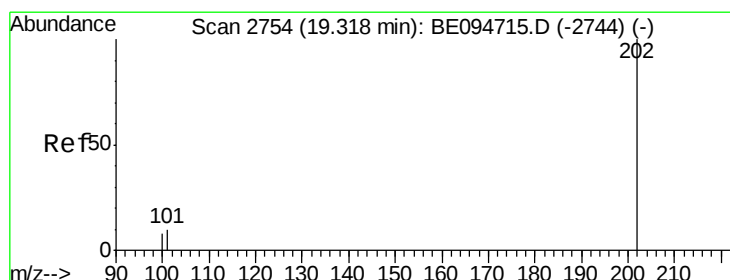
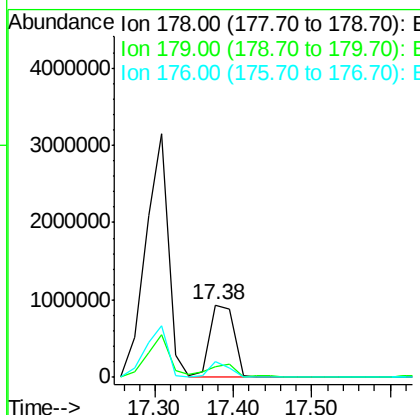
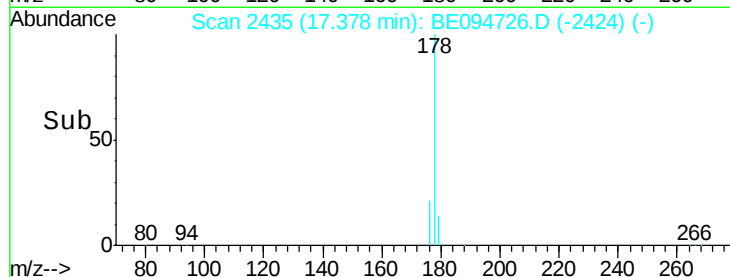
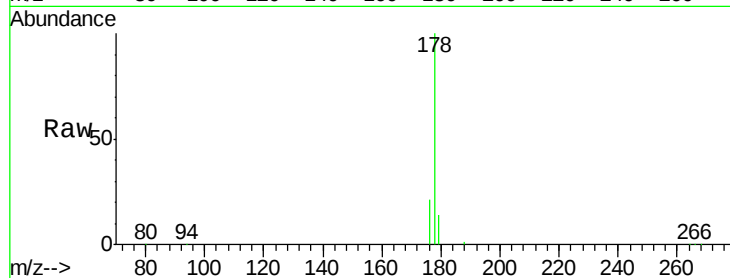
179 14.0 18.1 27.1#

176 21.1 14.7 22.1

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#15

Fluoranthene

Concen: 147.923 ng/ul

RT: 19.33 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

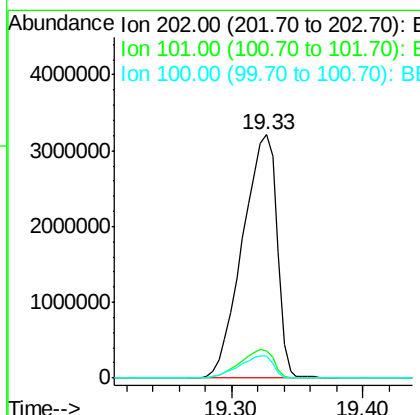
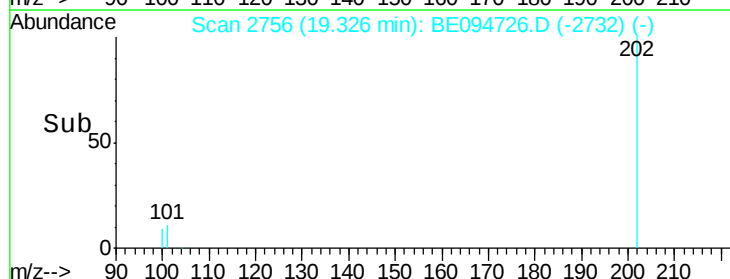
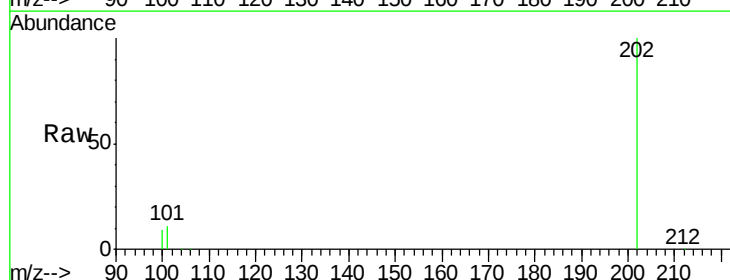
Tgt Ion:202 Resp: 5869964

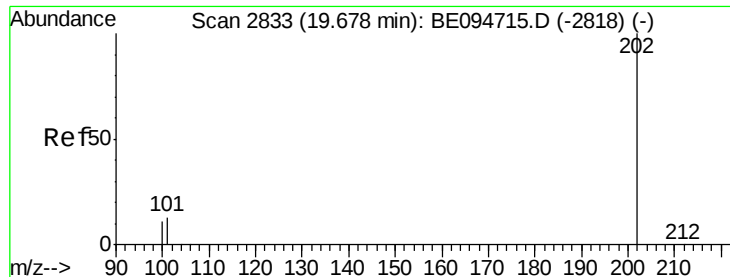
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

100 8.9 0.0 39.5





#17

Pyrene

Concen: 124.572 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:202 Resp: 5143506

Ion Ratio Lower Upper

202 100

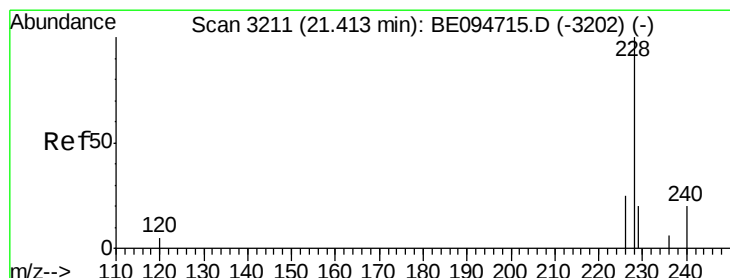
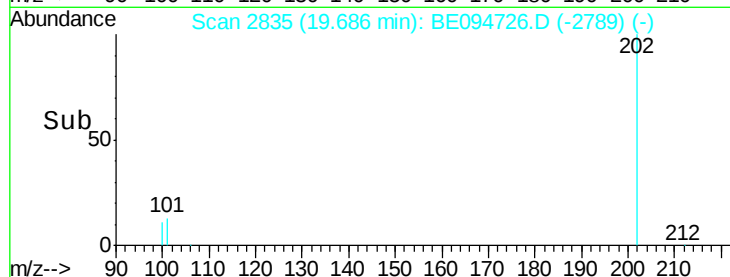
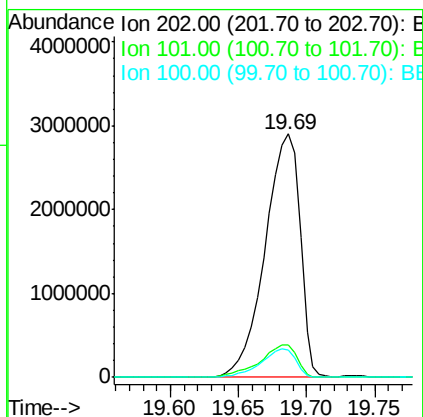
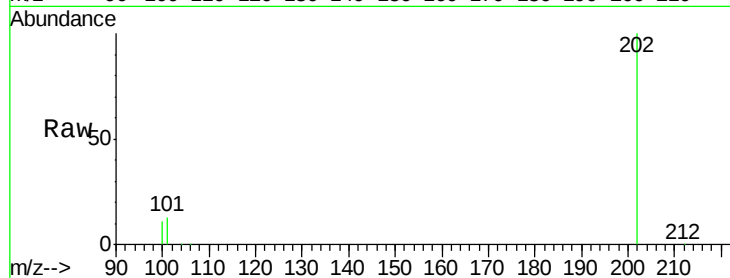
101 13.4 18.2 27.4#

100 11.3 15.6 23.4#

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#18

Benzo(a)anthracene

Concen: 58.772 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

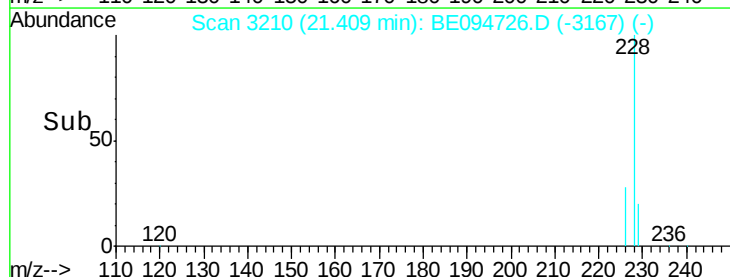
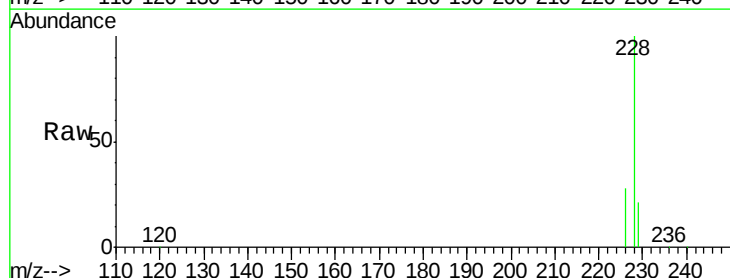
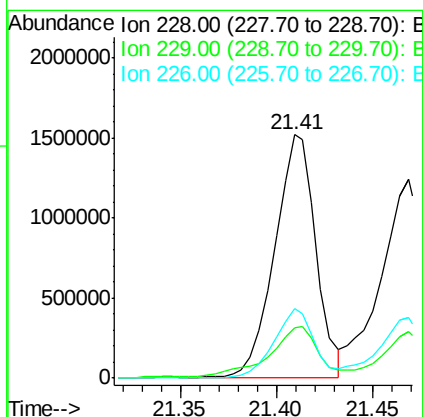
Tgt Ion:228 Resp: 2244012

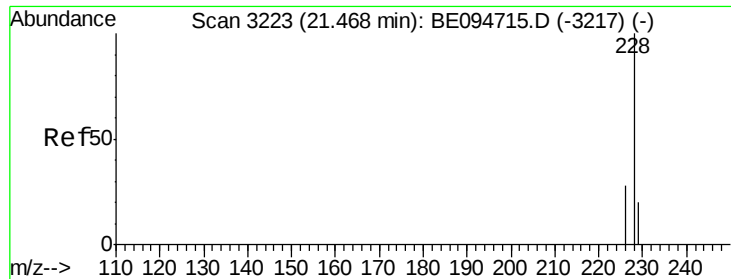
Ion Ratio Lower Upper

228 100

229 20.7 22.8 34.2#

226 28.4 17.0 25.6#





#19

Chrysene

Concen: 47.274 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Instrument :

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Tgt Ion:228 Resp: 1865671

Ion Ratio Lower Upper

228 100

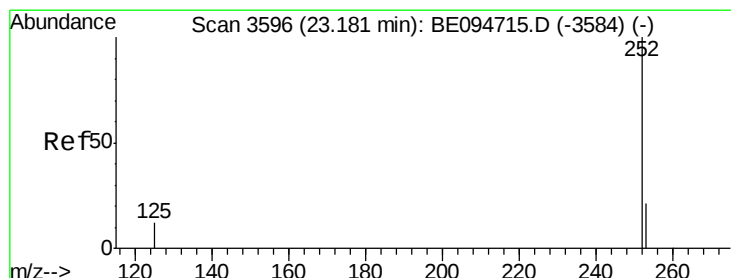
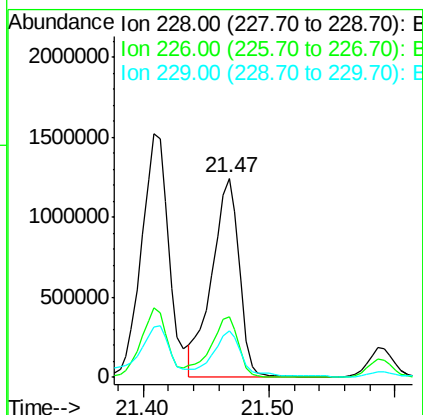
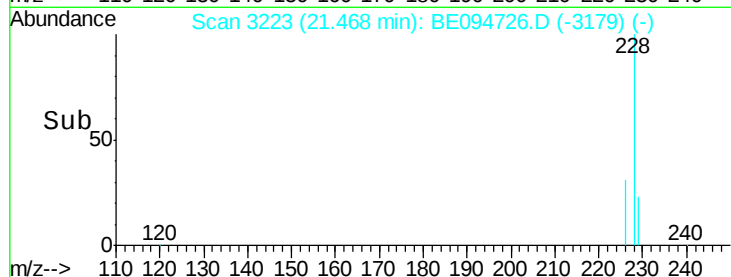
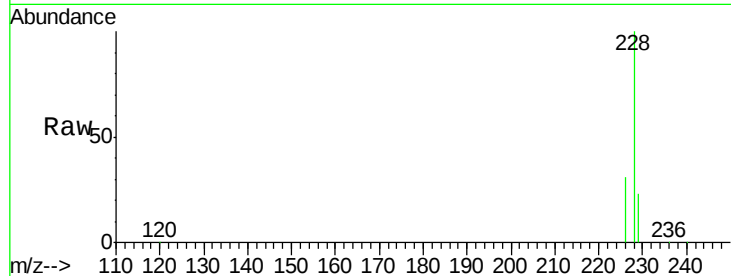
226 30.7 23.4 35.0

229 23.1 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 52.827 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. 0.01 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

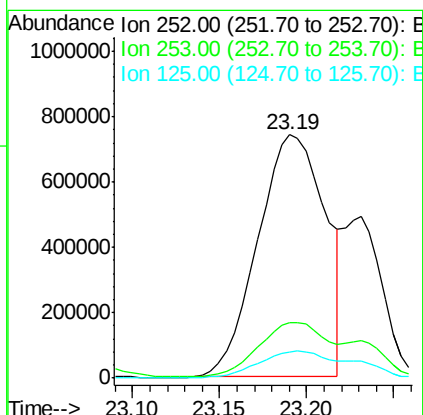
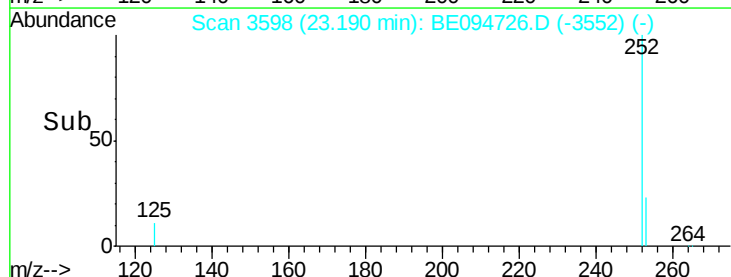
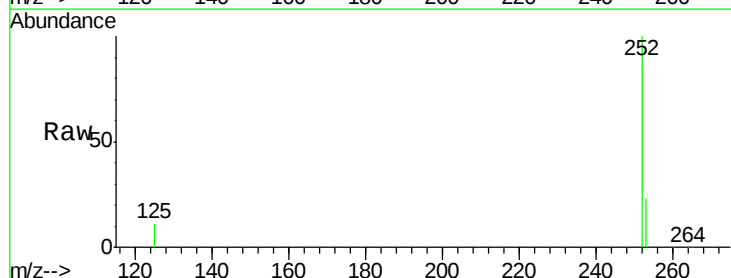
Tgt Ion:252 Resp: 1999113

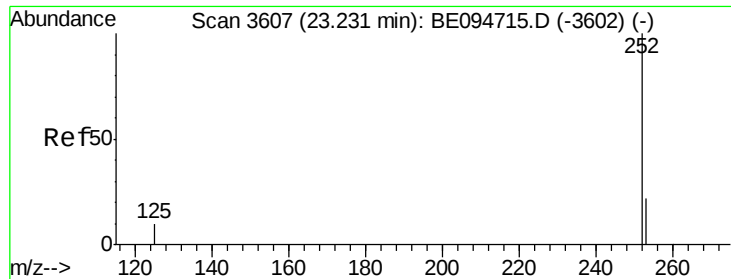
Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

125 10.9 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 15.114 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Instrument :

BNA_E

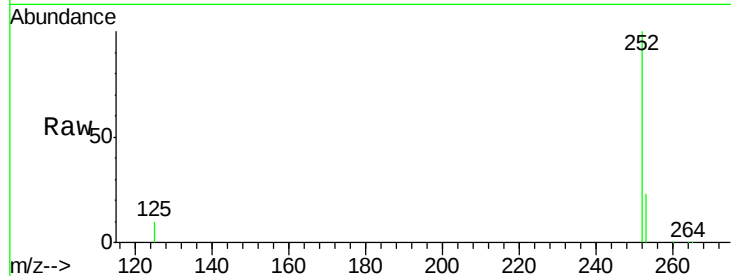
ClientSampleId :

B-6(5-5.5)-101717

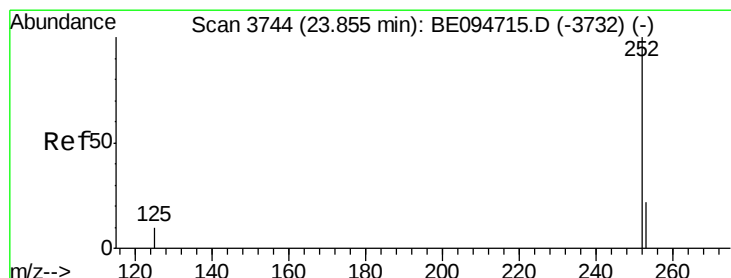
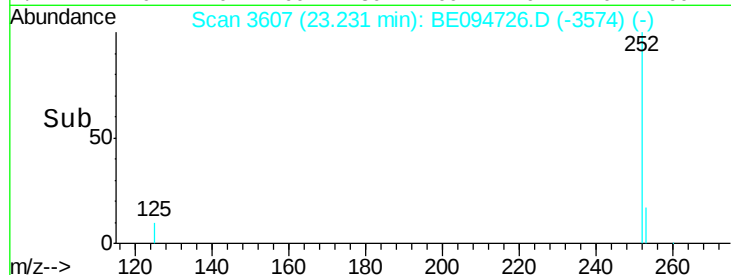
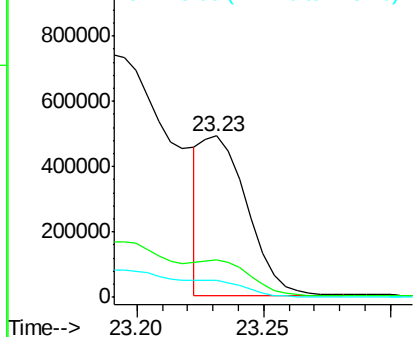
Tgt Ion:	252	Resp:	612913
Ion Ratio		Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	10.4	13.7	20.5#

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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



#23

Benzo(a)pyrene

Concen: 43.398 ng/ul

RT: 23.86 min Scan# 3744

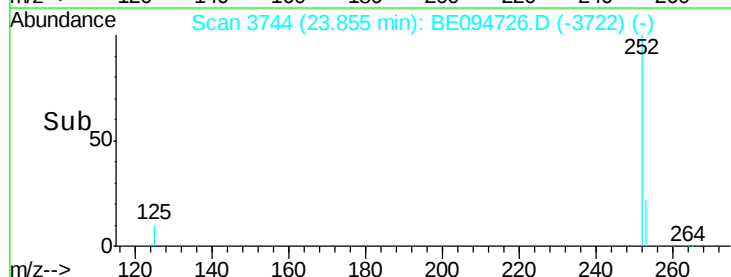
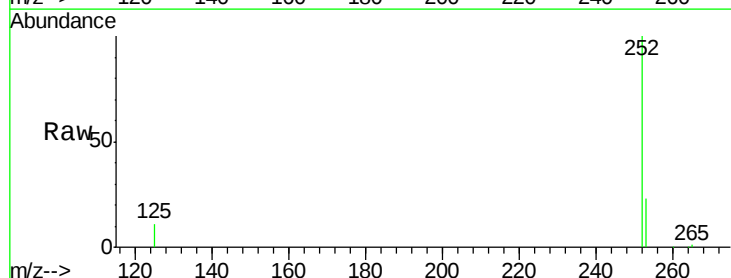
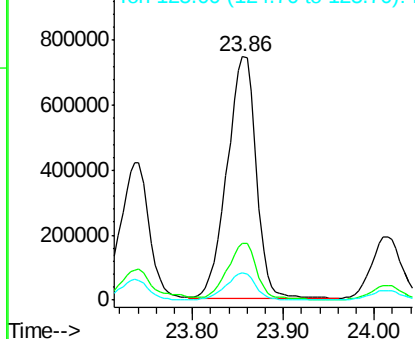
Delta R.T. -0.00 min

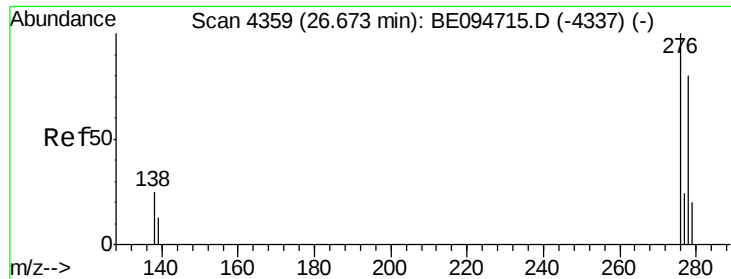
Lab File: BE094726.D

Acq: 4 Nov 2017 2:14

Tgt Ion:	252	Resp:	1641622
Ion Ratio		Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	11.1	18.1	27.1#

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





#24

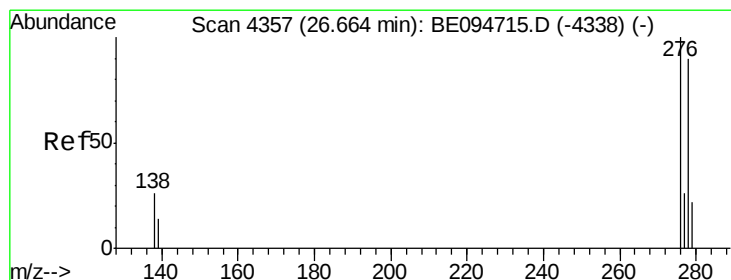
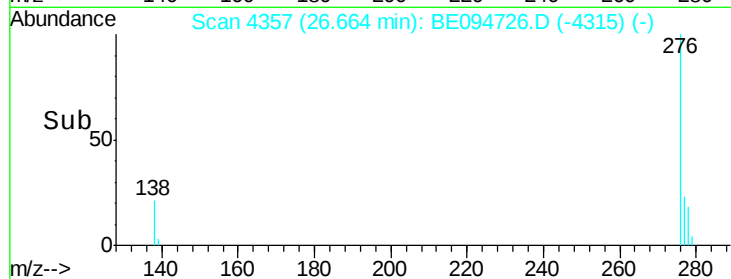
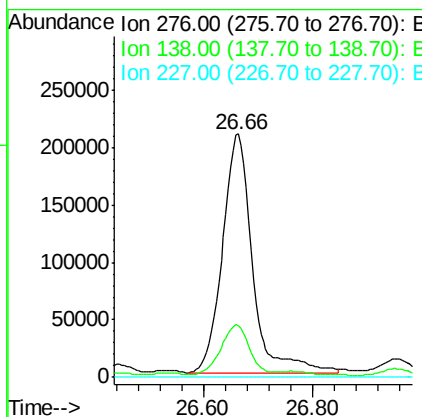
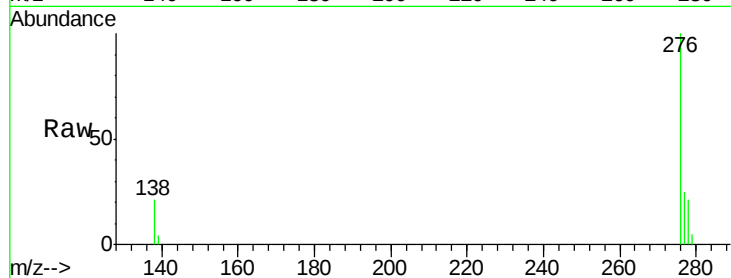
Indeno(1,2,3-cd)pyrene
Concen: 20.142 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BE094726.D
Acq: 4 Nov 2017 2:14

Instrument :
BNA_E
ClientSampleId :
B-6(5-5.5)-101717

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	788381		
138	21.6	28.0	42.0#	
227	0.0	8.0	12.0#	

Manual Integrations
APPROVED

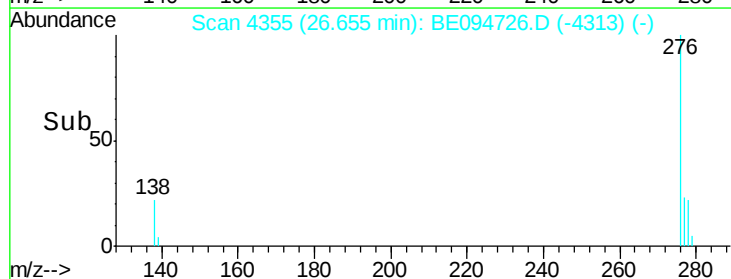
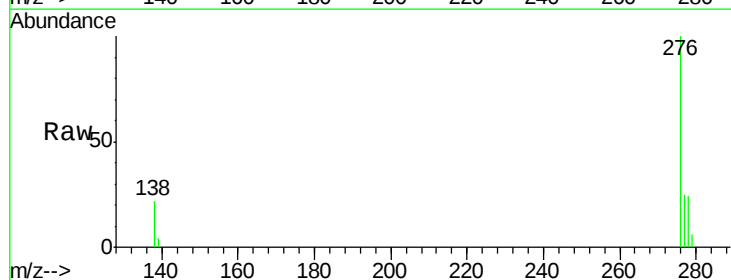
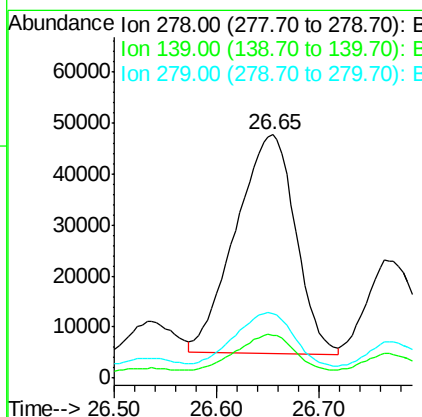
Sohil
11/4/2017 2:16:56 PM

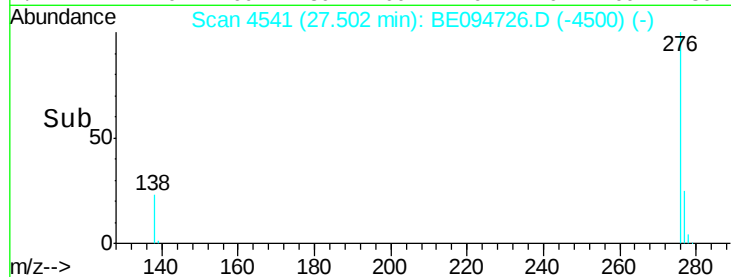
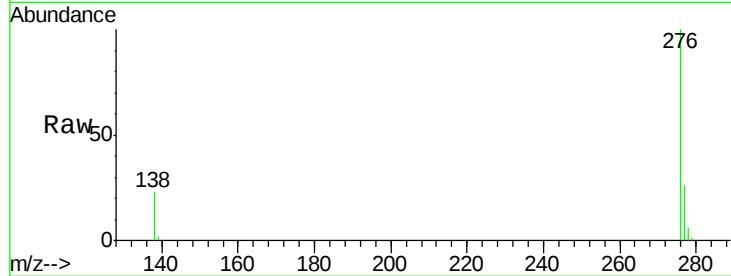
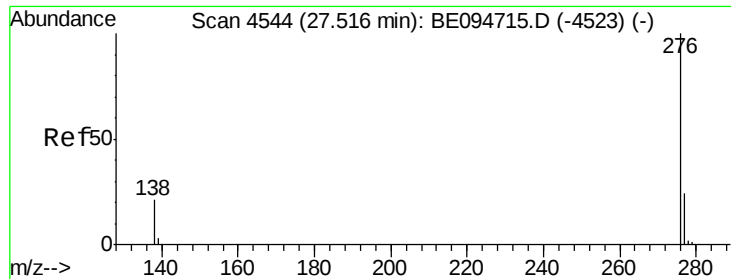


#25

Dibenzo(a,h)anthracene
Concen: 5.261 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BE094726.D
Acq: 4 Nov 2017 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	173505		
139	17.7	17.4	26.0	
279	26.7	25.9	38.9	





#26
 Benzo(g,h,i)perylene
 Concen: 18.868 ng/ul
 RT: 27.50 min Scan# 4541
 Delta R.T. -0.01 min
 Lab File: BE094726.D
 Acq: 4 Nov 2017 2:14

Instrument :
 BNA_E
 ClientSampleId :
 B-6(5-5.5)-101717

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
138	23.1	21.8	32.8		
277	25.5	20.5	30.7		

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:16:56 PM

