

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094328.D
 Acq On : 13 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I5568-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917

Manual Integrations
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Quant Time: Oct 14 03:11:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 02:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1603	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8037	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	5304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10419m	0.40	ng/ul	0.02
16) Chrysene-d12	21.46	240	9007m	0.40	ng/ul	0.04
20) Perylene-d12	24.02	264	14511	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	2796	0.22	ng/ul	0.01
14) Fluoranthene-d10	19.31	212	6029	0.17	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.77	128	34677	1.76	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	14741	1.15	ng/ul	100
7) Acenaphthylene	14.27	152	12941	0.63	ng/ul#	91
8) Acenaphthene	14.60	153	77282	4.54	ng/ul	97
9) Fluorene	15.59	166	68280	3.43	ng/ul#	95
12) Phenanthrene	17.31	178	1196986	43.96	ng/ul#	83
13) Anthracene	17.41	178	416738	15.74	ng/ul#	92
15) Fluoranthene	19.35	202	4334164	121.15	ng/ul	84
17) Pyrene	19.71	202	3995629	159.44	ng/ul#	82
18) Benzo(a)anthracene	21.44	228	3085202	129.12	ng/ul#	87
19) Chrysene	21.50	228	2746777m	99.54	ng/ul	
21) Benzo(b)fluoranthene	23.25	252	3737200m	94.81	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	1439592m	31.60	ng/ul	
23) Benzo(a)pyrene	23.92	252	2663424	65.02	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.77	276	1565061	37.35	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.76	278	460017	13.09	ng/ul	97
26) Benzo(g,h,i)perylene	27.62	276	1357775	37.57	ng/ul	98

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

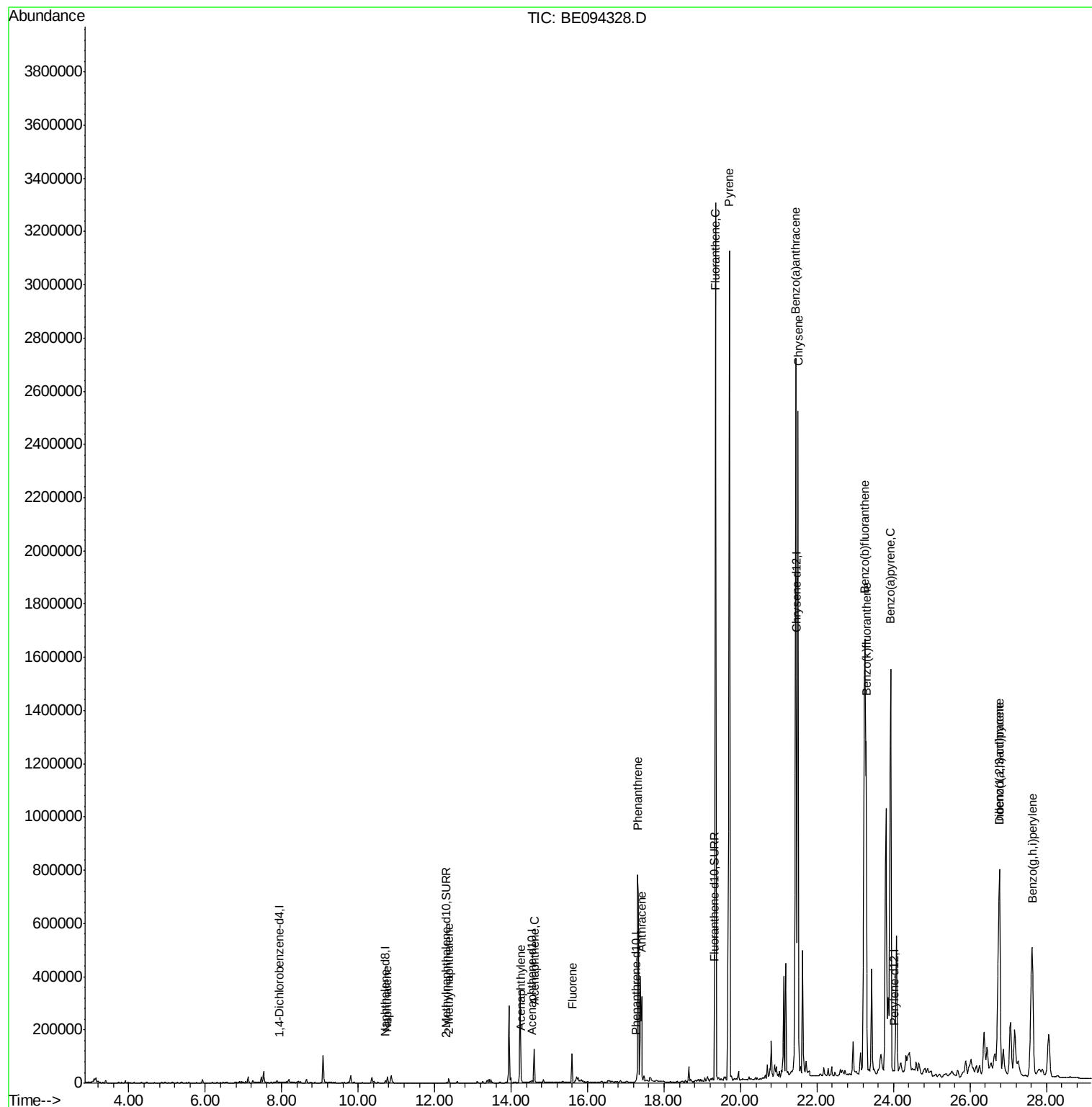
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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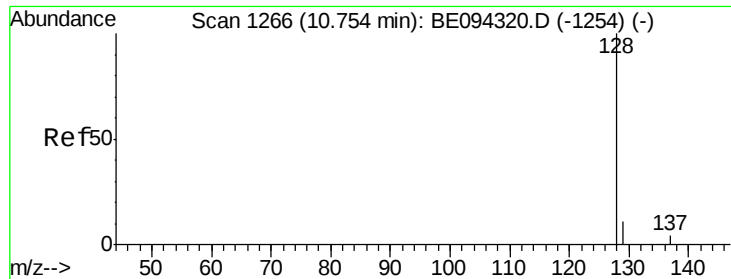
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#3

Naphthalene

Concen: 1.76 ng/ul

RT: 10.77 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

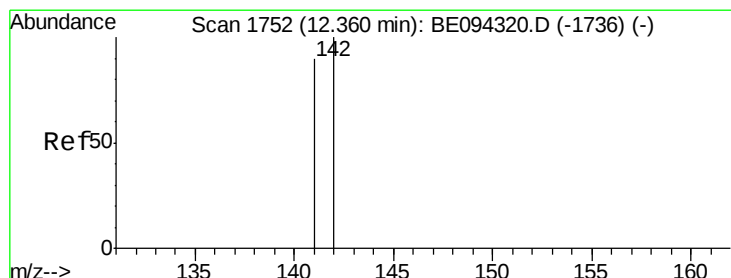
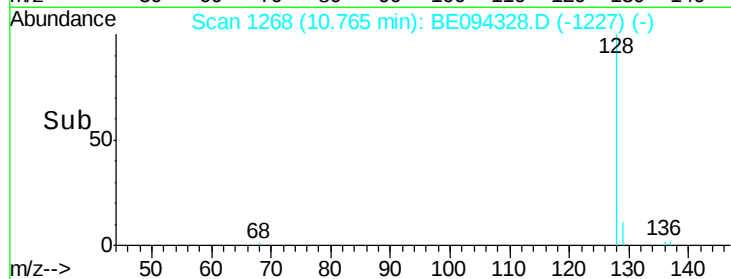
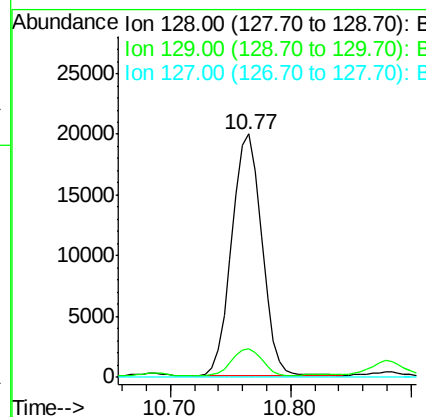
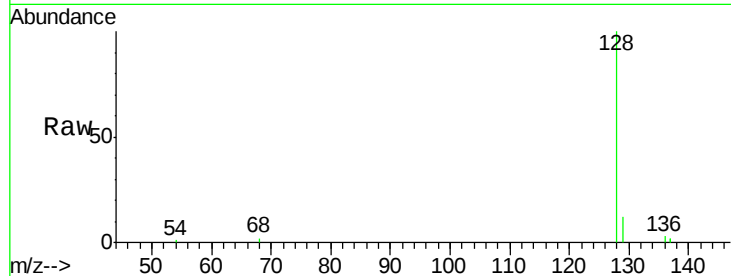
ClientSampleId :

B-29(0-1)-092917

Tgt Ion:	128	Resp:	34677
Ion Ratio	Lower	Upper	
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.15 ng/ul

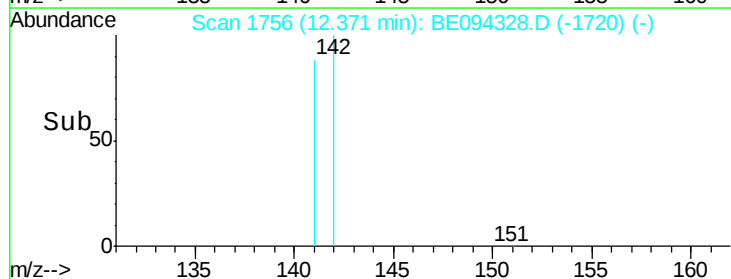
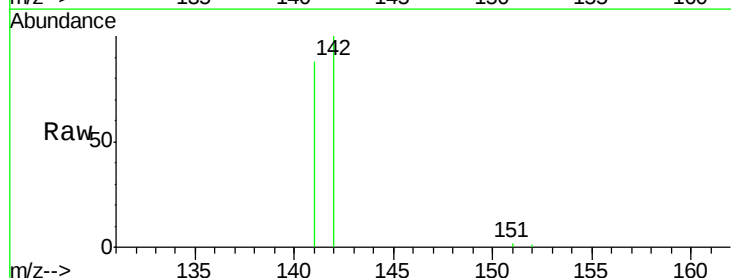
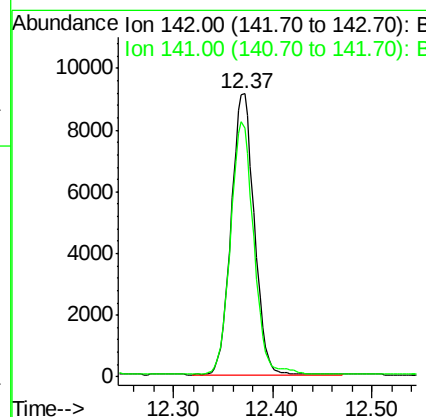
RT: 12.37 min Scan# 1756

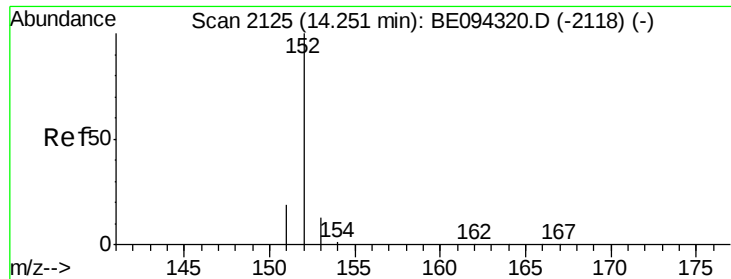
Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Tgt Ion:	142	Resp:	14741
Ion Ratio	Lower	Upper	
142	100		
141	90.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.63 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

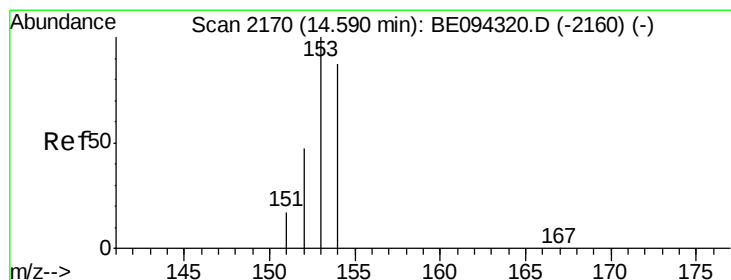
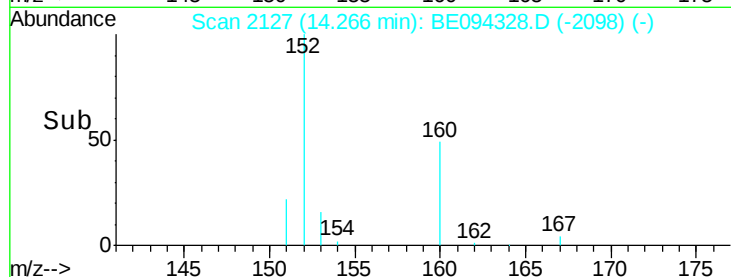
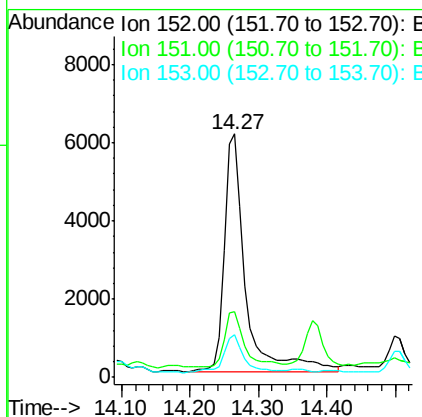
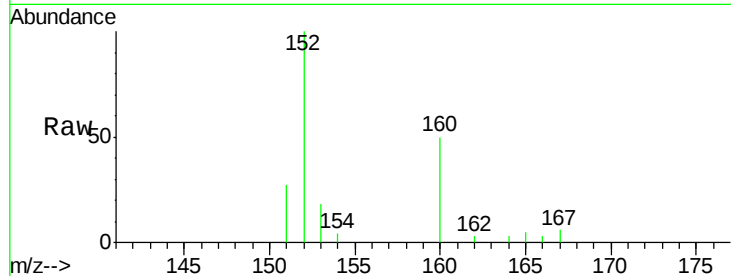
ClientSampleId :

B-29(0-1)-092917

Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.1	17.1	25.7#
153	17.6	12.8	19.2

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#8

Acenaphthene

Concen: 4.54 ng/ul

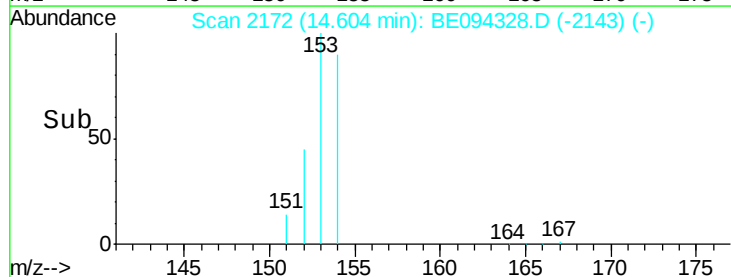
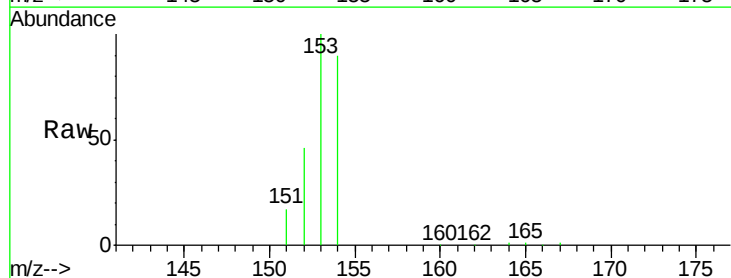
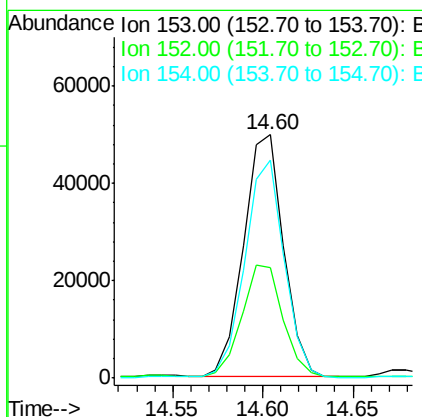
RT: 14.60 min Scan# 2172

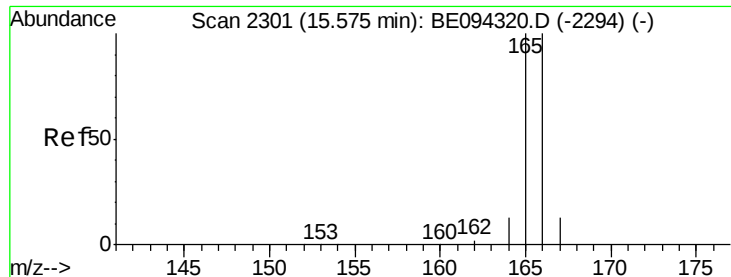
Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.6	40.3	60.5
154	89.5	71.4	107.2





#9

Fluorene

Concen: 3.43 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

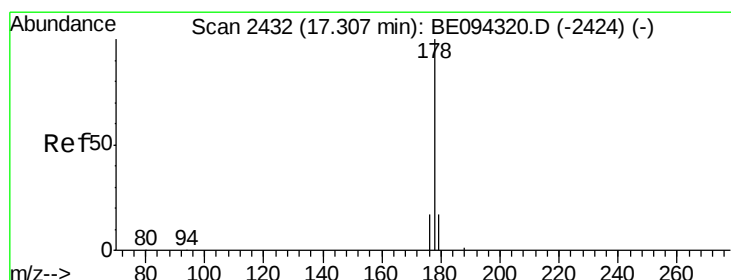
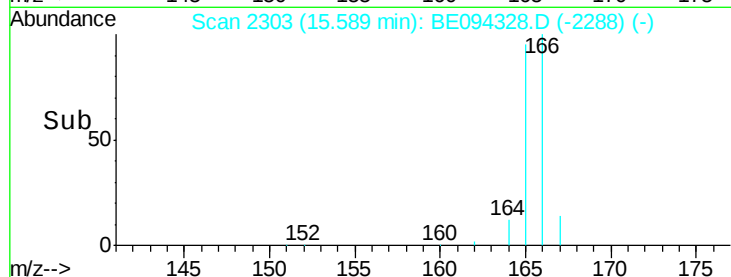
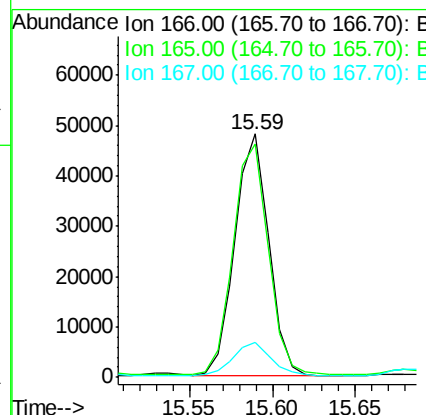
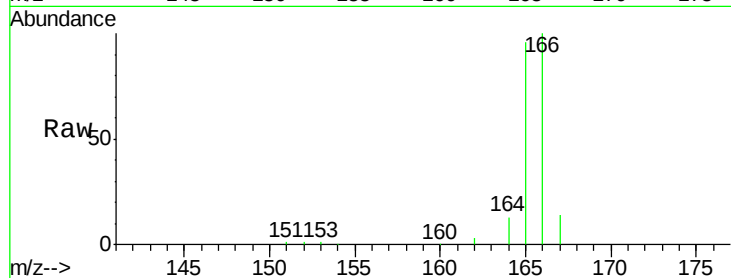
ClientSampleId :

B-29(0-1)-092917

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	73.4	110.2
167	14.4	14.6	22.0

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#12

Phenanthrene

Concen: 43.96 ng/ul

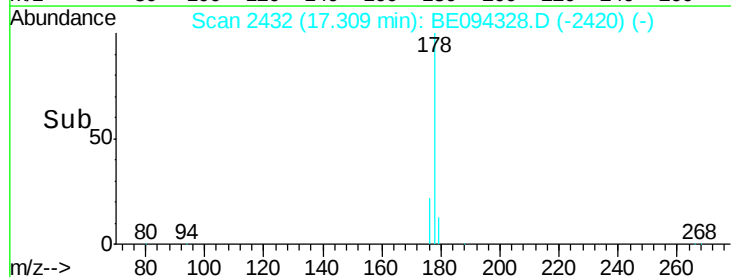
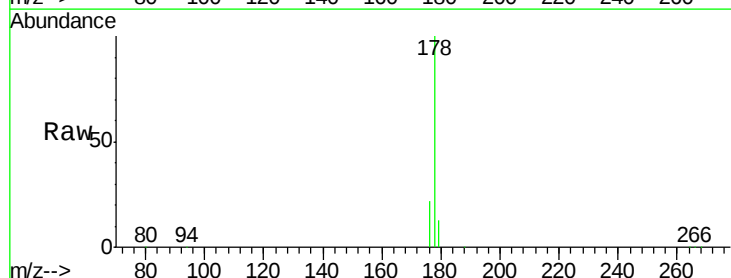
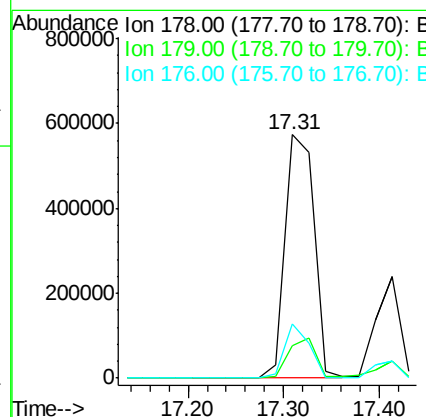
RT: 17.31 min Scan# 2432

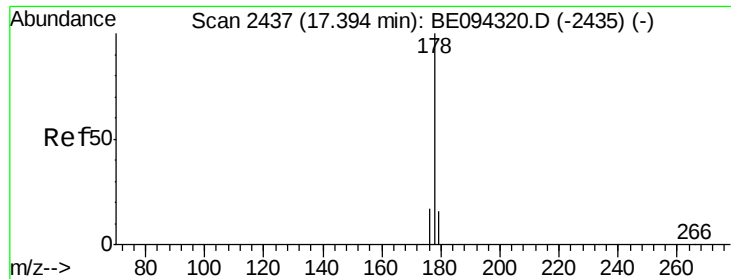
Delta R.T. 0.00 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.5	18.4	27.6
176	22.4	13.6	20.4





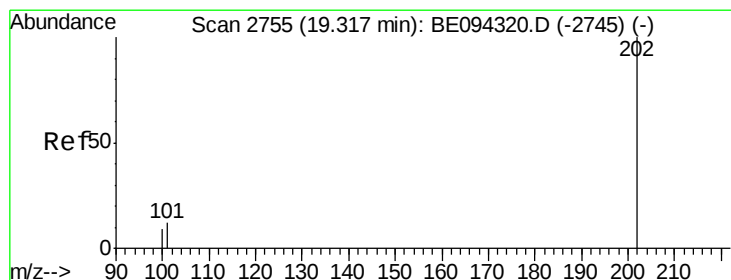
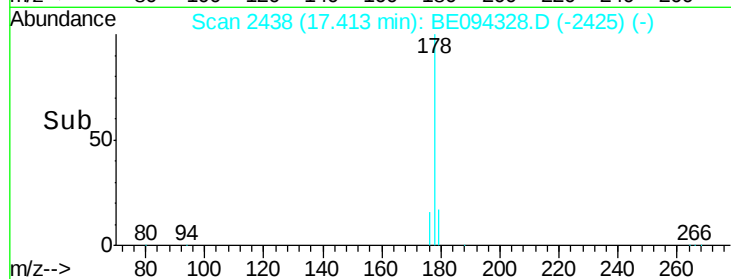
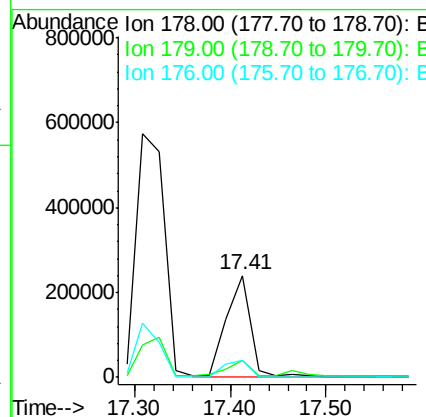
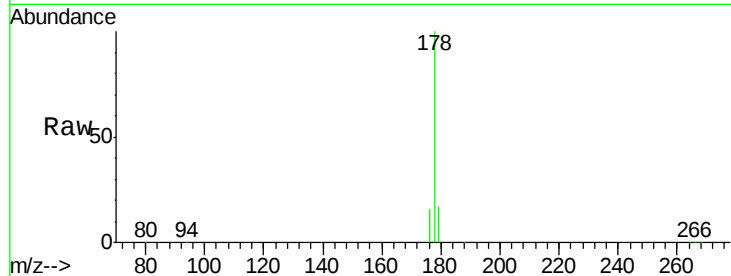
#13
 Anthracene
 Concen: 15.74 ng/ul
 RT: 17.41 min Scan# 2438
 Delta R.T. 0.02 min
 Lab File: BE094328.D
 Acq: 13 Oct 2017 17:33

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917

Tgt Ion:178 Resp: 416738
 Ion Ratio Lower Upper
 178 100
 179 17.3 18.1 27.1#
 176 16.2 14.7 22.1

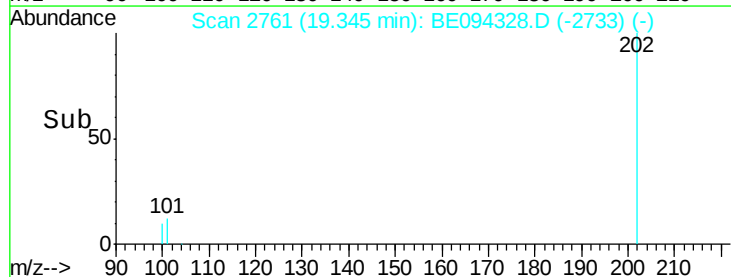
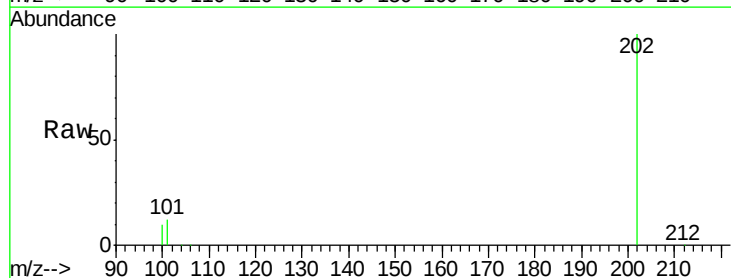
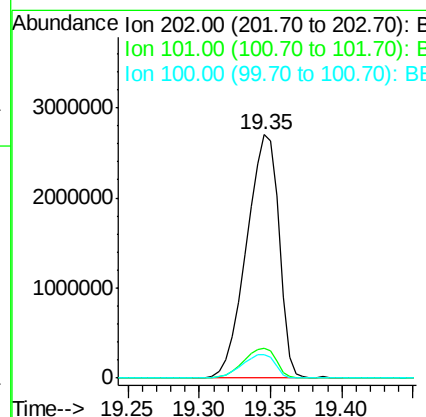
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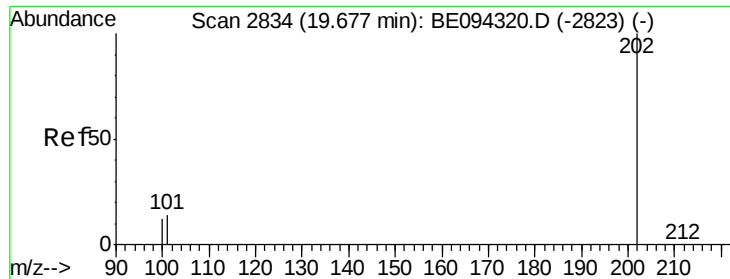
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#15
 Fluoranthene
 Concen: 121.15 ng/ul
 RT: 19.35 min Scan# 2761
 Delta R.T. 0.03 min
 Lab File: BE094328.D
 Acq: 13 Oct 2017 17:33

Tgt Ion:202 Resp: 4334164
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.3
 100 9.9 0.0 39.5





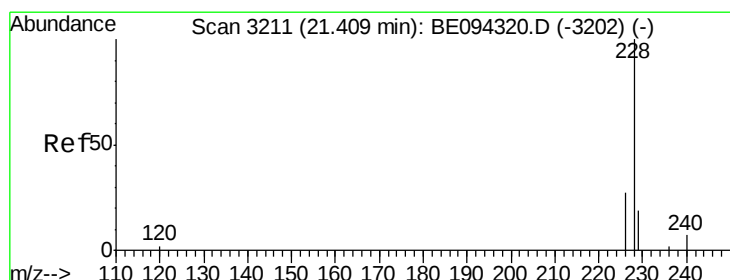
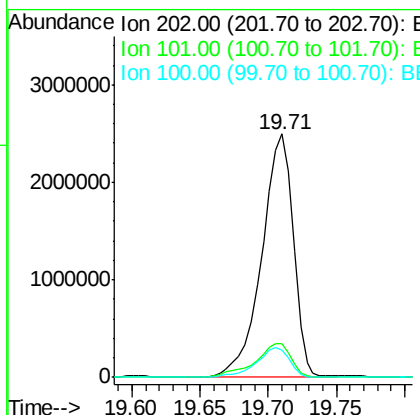
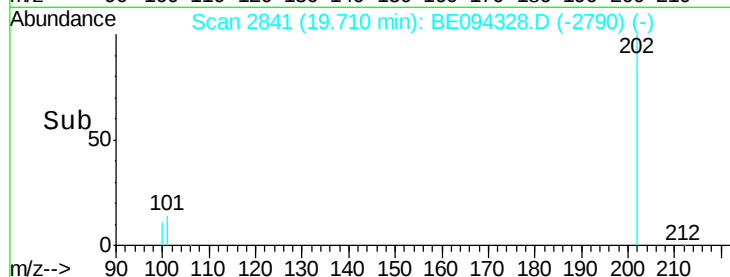
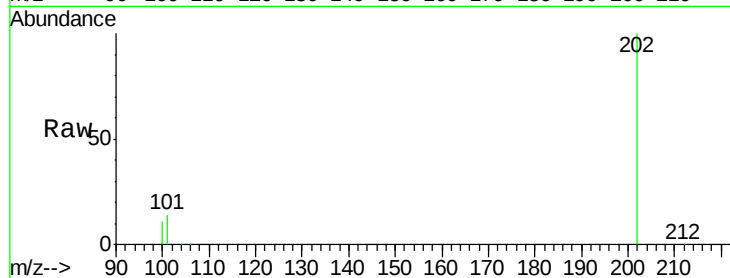
#17
Pyrene
 Concen: 159.44 ng/ul
 RT: 19.71 min Scan# 2841
 Delta R.T. 0.03 min
 Lab File: BE094328.D
 Acq: 13 Oct 2017 17:33

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917

Tgt Ion:202 Resp: 3995629
 Ion Ratio Lower Upper
 202 100
 101 13.7 18.2 27.4#
 100 11.4 15.6 23.4#

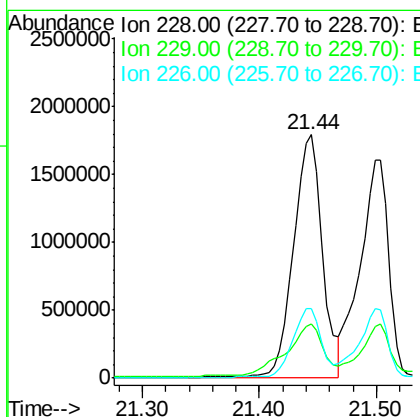
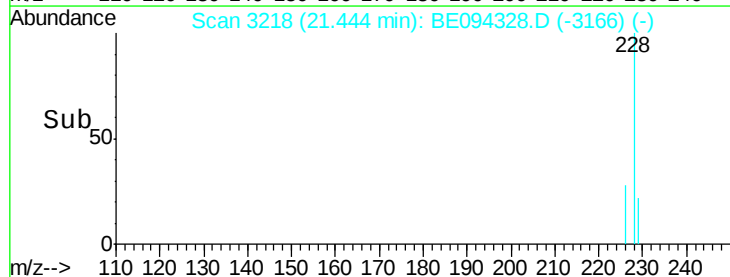
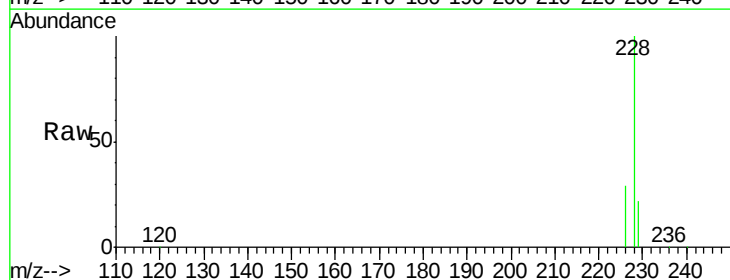
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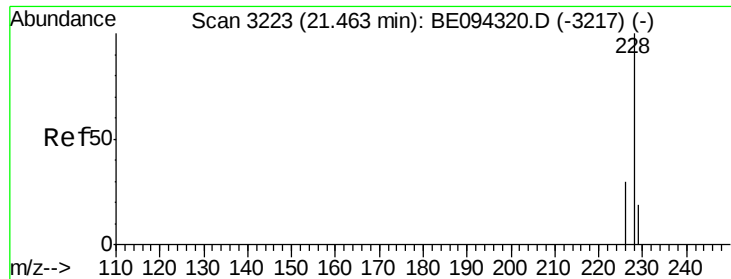
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#18
Benzo(a)anthracene
 Concen: 129.12 ng/ul
 RT: 21.44 min Scan# 3218
 Delta R.T. 0.04 min
 Lab File: BE094328.D
 Acq: 13 Oct 2017 17:33

Tgt Ion:228 Resp: 3085202
 Ion Ratio Lower Upper
 228 100
 229 22.4 22.8 34.2#
 226 28.7 17.0 25.6#





#19

Chrysene

Concen: 99.54 ng/ul m

RT: 21.50 min Scan# 3231

Delta R.T. 0.04 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

B-29(0-1)-092917

Tgt Ion:228 Resp: 2746777

Ion Ratio Lower Upper

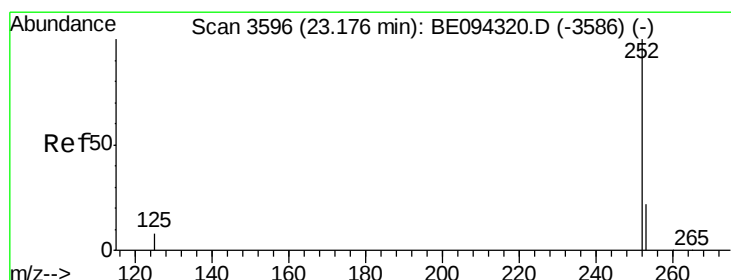
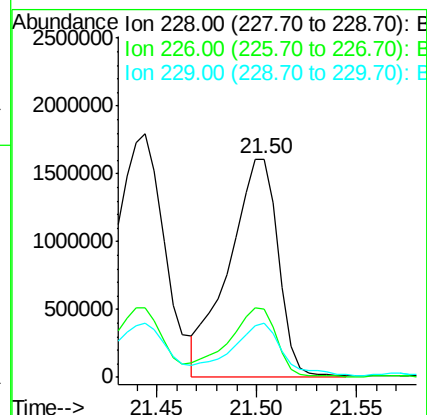
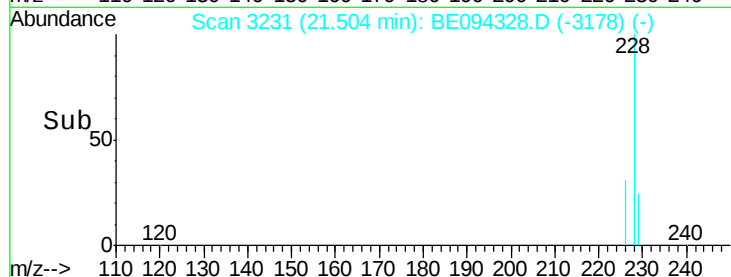
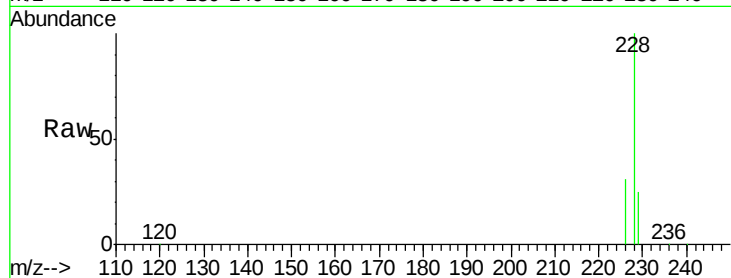
228 100

226 31.3 23.4 35.0

229 24.7 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 94.81 ng/ul m

RT: 23.25 min Scan# 3611

Delta R.T. 0.07 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

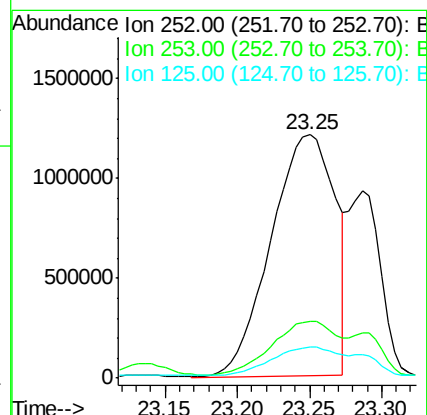
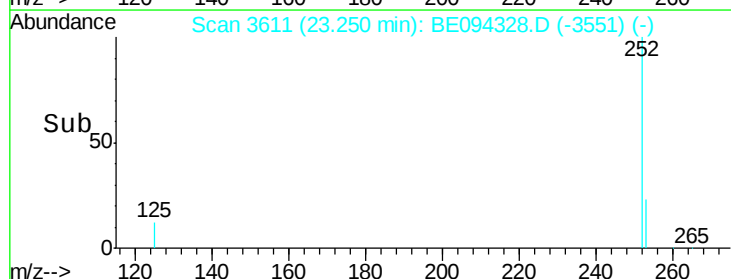
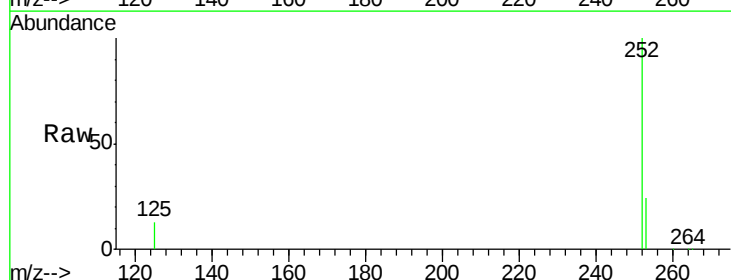
Tgt Ion:252 Resp: 3737200

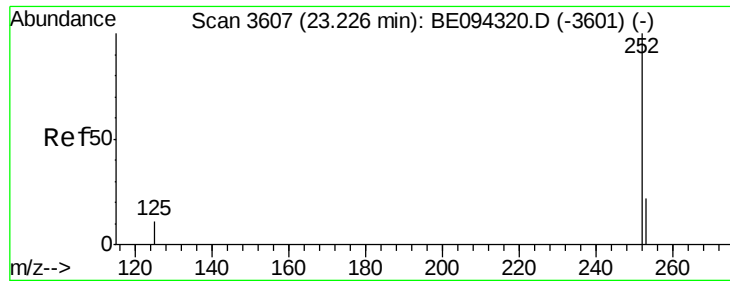
Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

125 12.7 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 31.60 ng/ul m

RT: 23.29 min Scan# 3619

Delta R.T. 0.06 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

B-29(0-1)-092917

Tgt Ion:252 Resp: 1439592

Ion Ratio Lower Upper

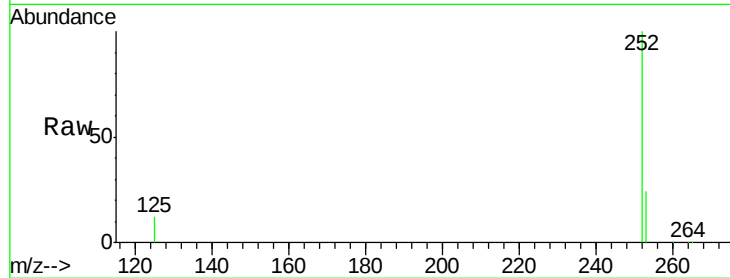
252 100

253 24.0 24.5 36.7#

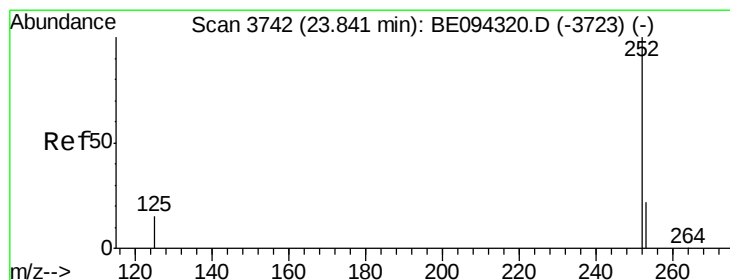
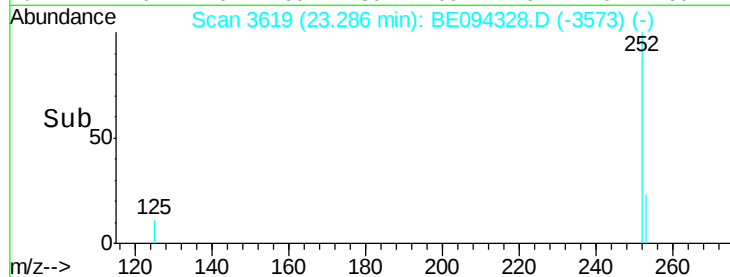
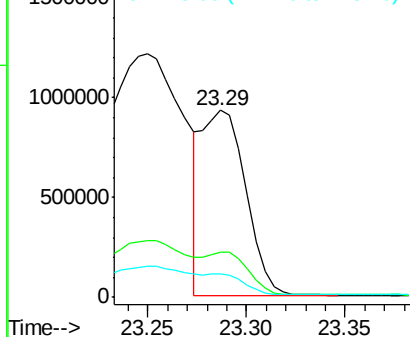
125 12.4 13.7 20.5#

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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: 65.02 ng/ul

RT: 23.92 min Scan# 3759

Delta R.T. 0.08 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Tgt Ion:252 Resp: 2663424

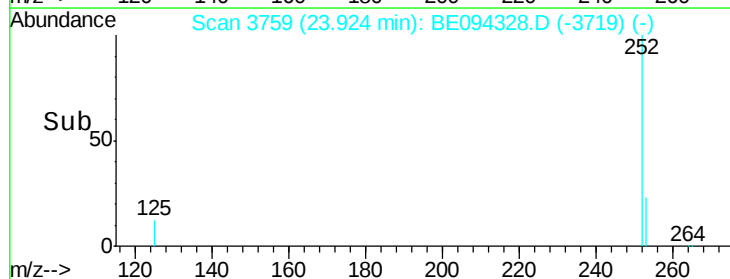
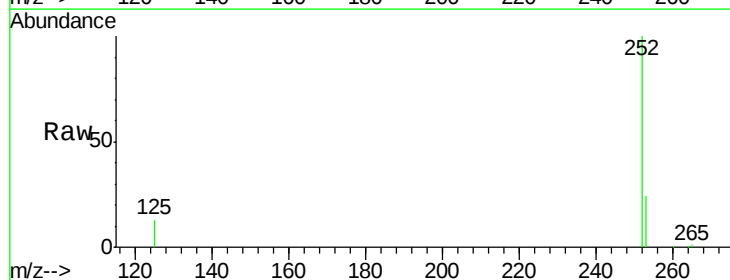
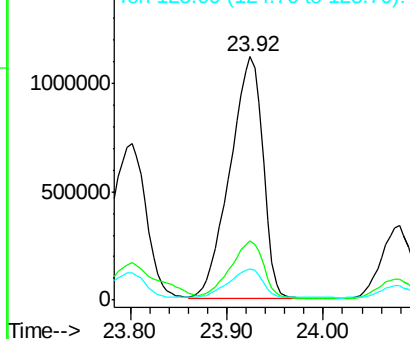
Ion Ratio Lower Upper

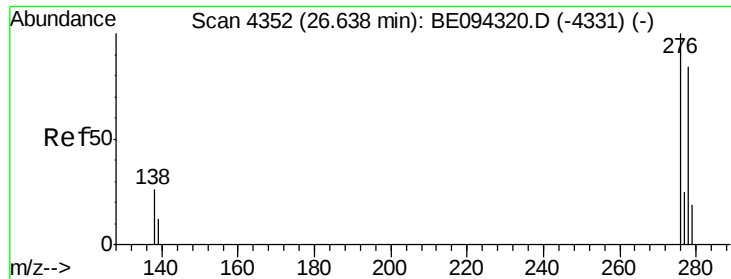
252 100

253 24.2 28.5 42.7#

125 12.8 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: 37.35 ng/ul

RT: 26.77 min Scan# 4381

Delta R.T. 0.14 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Instrument :

BNA_E

ClientSampleId :

B-29(0-1)-092917

Tgt Ion: 276 Resp: 1565061

Ion Ratio Lower Upper

276 100

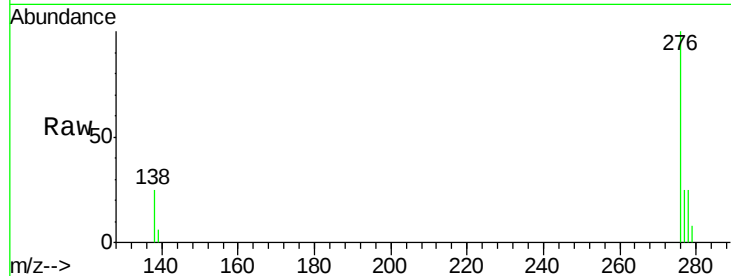
138 24.3 28.0 42.0#

227 0.0 8.0 12.0#

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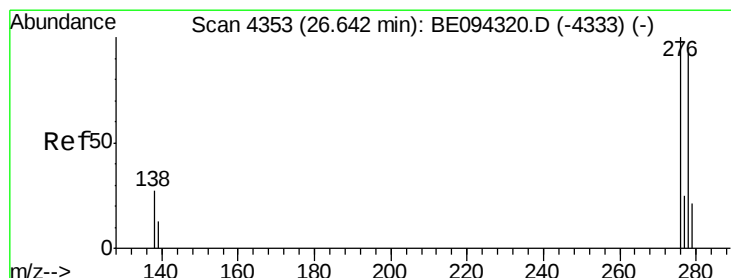
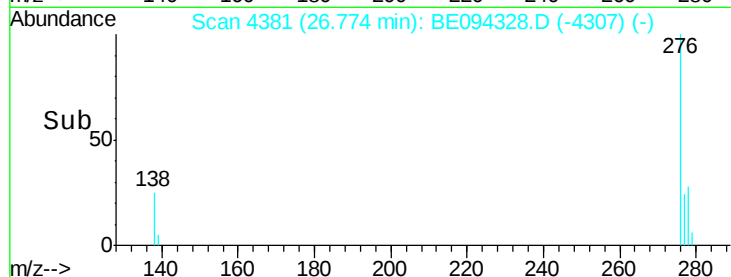
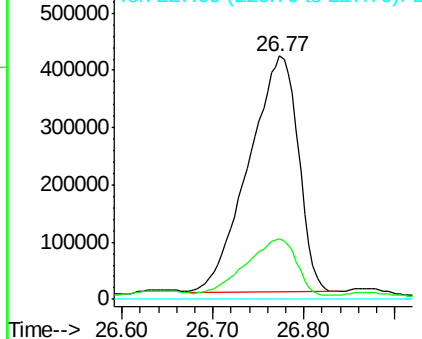
10/16/2017 8:22:47 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 13.09 ng/ul

RT: 26.76 min Scan# 4379

Delta R.T. 0.12 min

Lab File: BE094328.D

Acq: 13 Oct 2017 17:33

Tgt Ion: 278 Resp: 460017

Ion Ratio Lower Upper

278 100

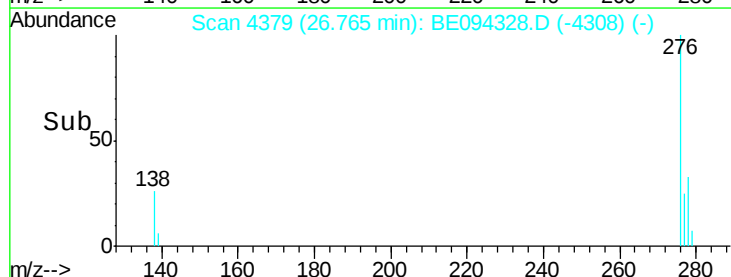
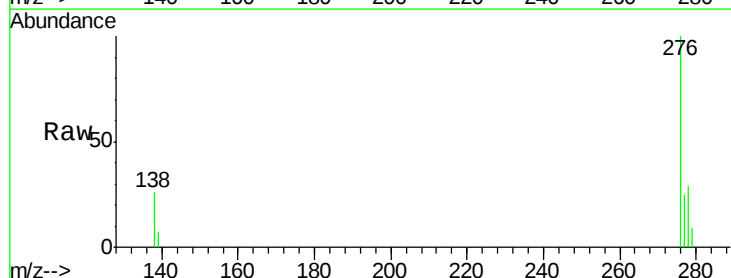
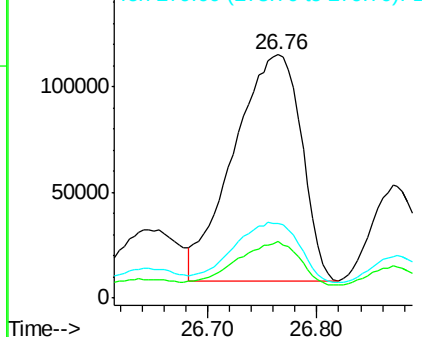
139 23.1 17.4 26.0

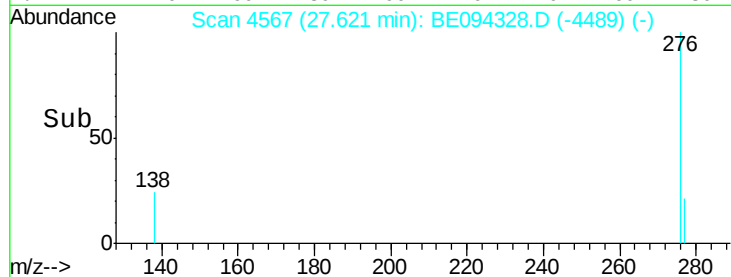
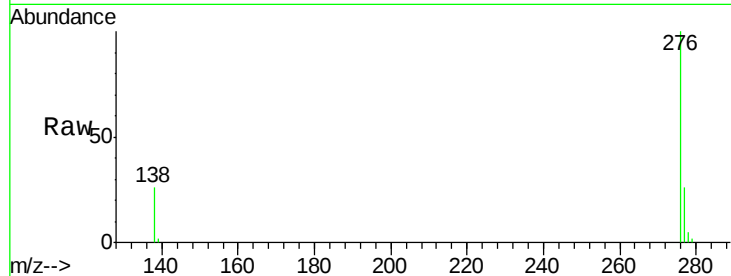
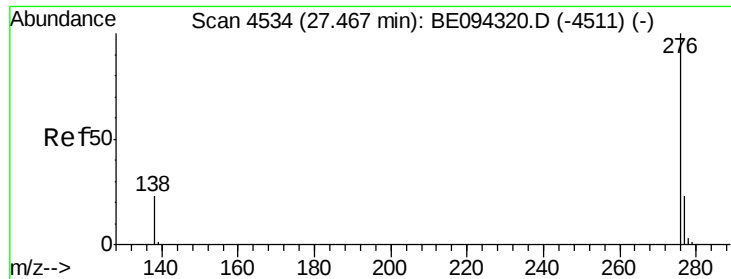
279 30.5 25.9 38.9

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 37.57 ng/ul
 RT: 27.62 min Scan# 4567
 Delta R.T. 0.15 min
 Lab File: BE094328.D
 Acq: 13 Oct 2017 17:33

Tgt Ion:	276	Resp:	1357775
Ion Ratio	Lower	Upper	
276	100		
138	25.6	21.8	32.8
277	25.5	20.5	30.7

Instrument :
 BNA_E
 ClientSampleId :
 B-29(0-1)-092917

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:22:47 PM

