

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094578.D
 Acq On : 27 Oct 2017 00:46
 Operator : SJ/JU
 Sample : I5786-08 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-7(0.5-1.5)_101017

Manual Integrations
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Quant Time: Oct 27 09:15:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1472	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8338	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4779	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10544	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10222	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10499	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	783	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1926	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	4075	0.200	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1136	0.080	ng/ul	98
7) Acenaphthylene	14.24	152	1393	0.064	ng/ul#	86
8) Acenaphthene	14.58	153	356	0.023	ng/ul#	90
9) Fluorene	15.57	166	495	0.028	ng/ul#	74
12) Phenanthrene	17.29	178	11015	0.396	ng/ul#	90
13) Anthracene	17.38	178	2202	0.080	ng/ul#	82
15) Fluoranthene	19.31	202	21017	0.653	ng/ul	84
17) Pyrene	19.67	202	21972	0.695	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	13237	0.453	ng/ul#	78
19) Chrysene	21.47	228	16967	0.562	ng/ul#	77
21) Benzo(b)fluoranthene	23.19	252	19765m	0.669	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	6450m	0.204	ng/ul	
23) Benzo(a)pyrene	23.85	252	13362	0.453	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	26.66	276	10137	0.332	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.66	278	2631	0.102	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	9228	0.376	ng/ul#	58

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

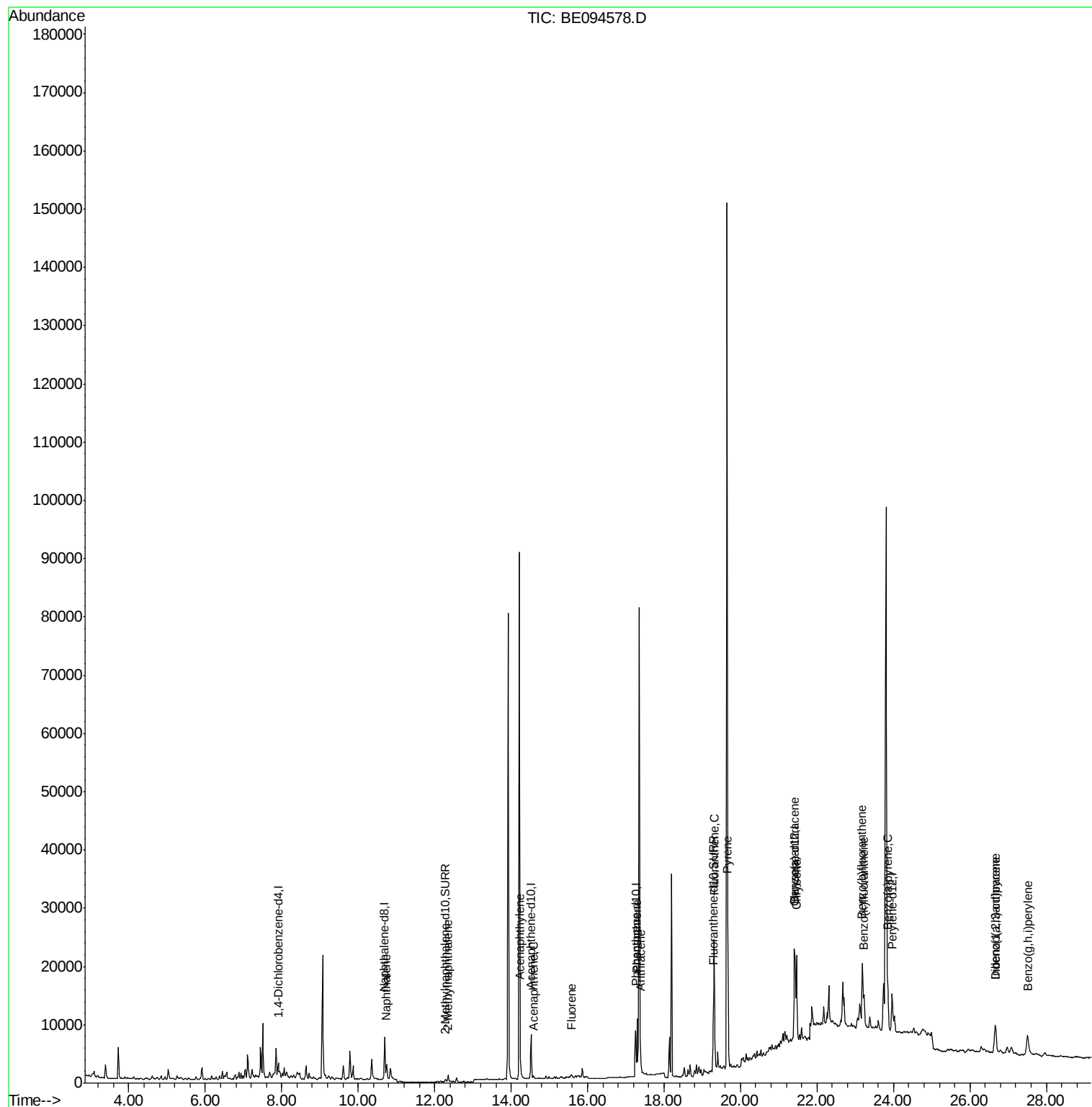
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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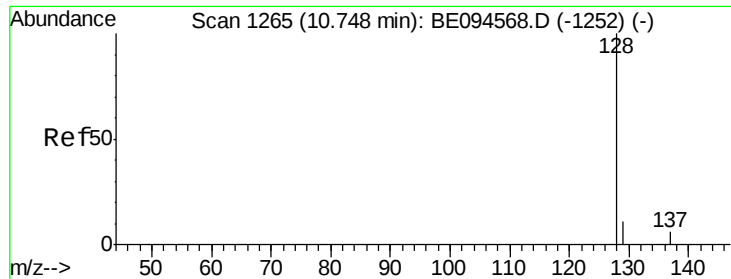
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#3

Naphthalene

Concen: 0.200 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Instrument :

BNA_E

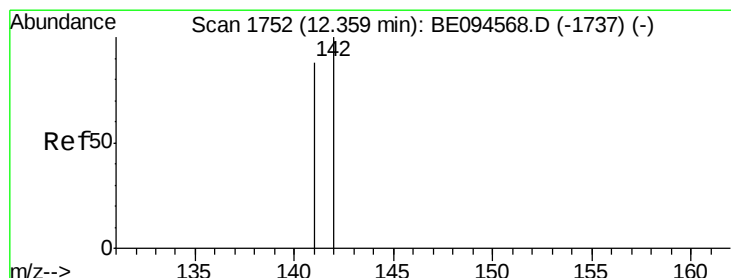
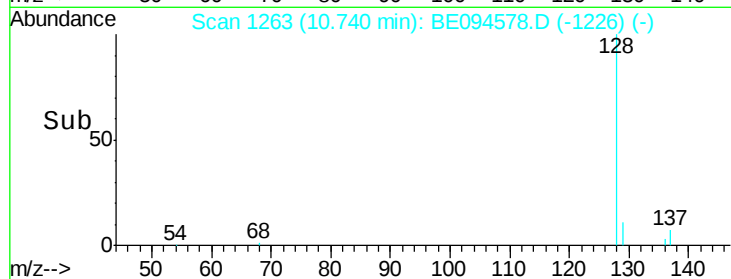
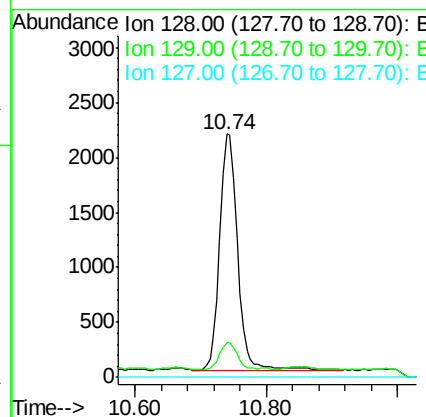
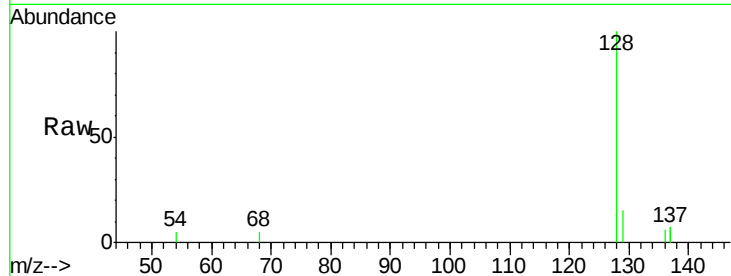
ClientSampleId :

B-7(0.5-1.5)_101017

Tgt Ion:	128	Resp:	4075
Ion Ratio	Lower	Upper	
128	100		
129	14.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.080 ng/ul

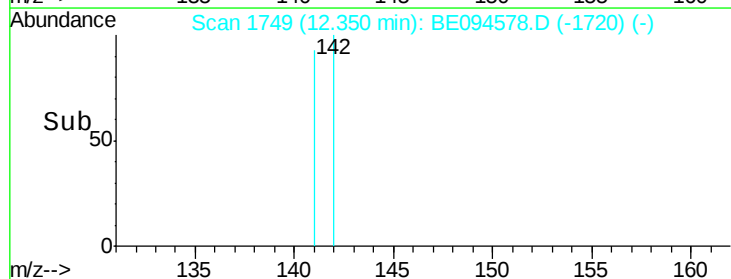
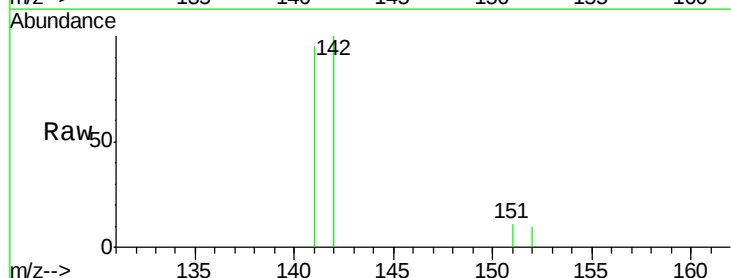
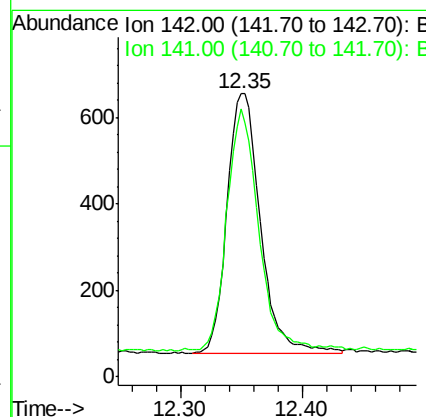
RT: 12.35 min Scan# 1749

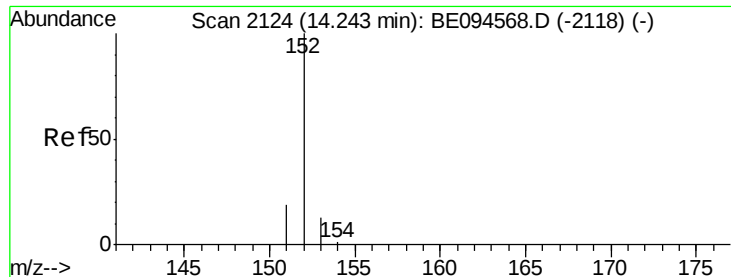
Delta R.T. -0.01 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Tgt Ion:	142	Resp:	1136
Ion Ratio	Lower	Upper	
142	100		
141	88.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Instrument :

BNA_E

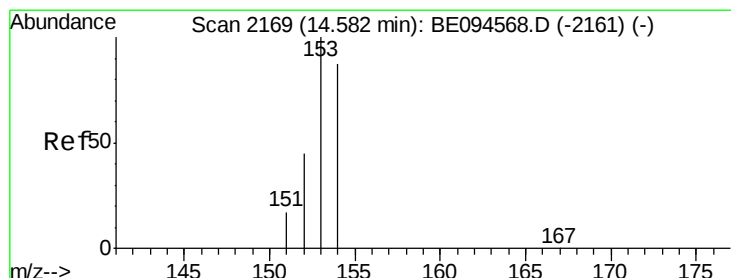
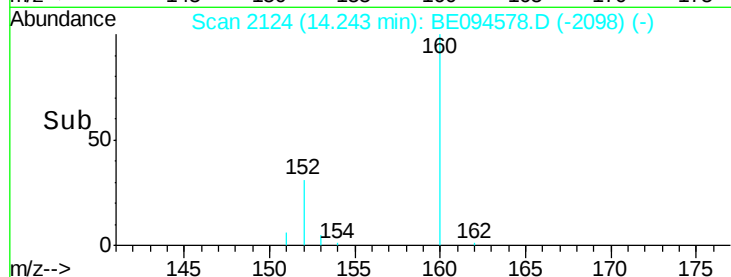
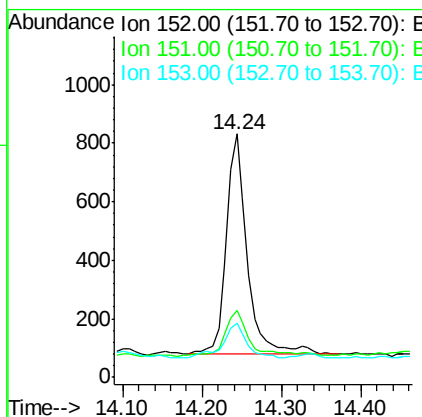
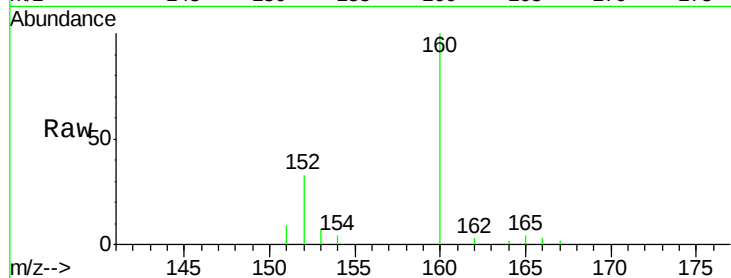
ClientSampleId :

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Tgt Ion:	152	Resp:	1393
Ion Ratio	Lower	Upper	
152	100		
151	27.4	17.1	25.7#
153	22.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.023 ng/ul

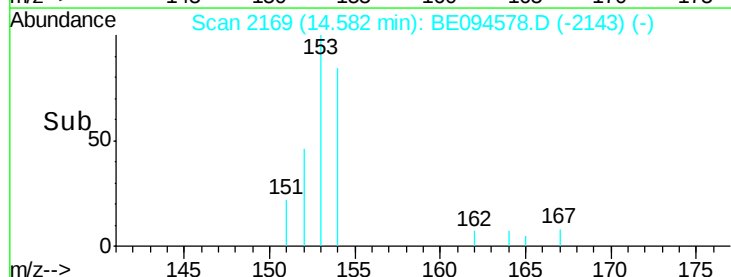
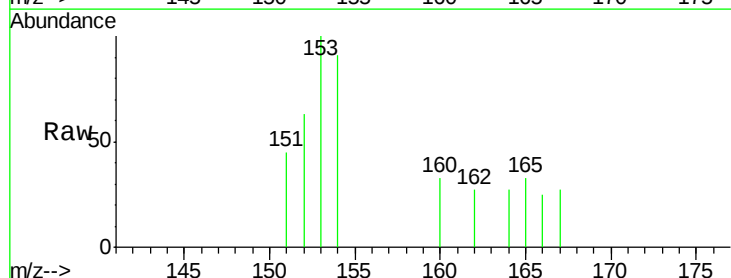
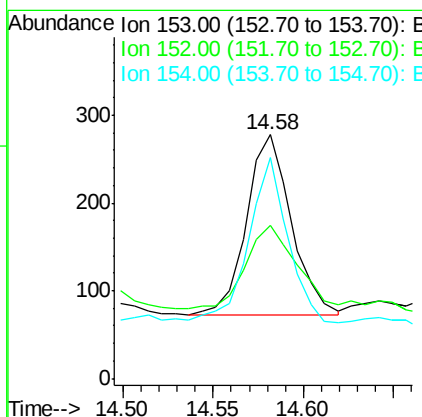
RT: 14.58 min Scan# 2169

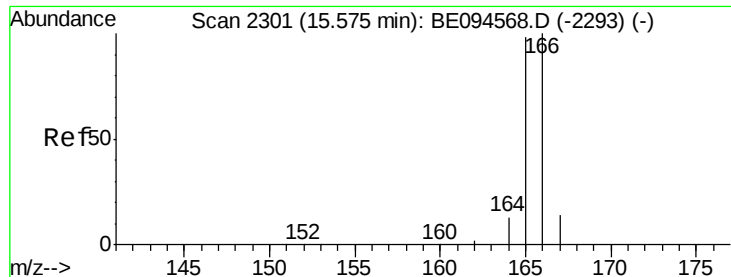
Delta R.T. -0.01 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Tgt Ion:	153	Resp:	356
Ion Ratio	Lower	Upper	
153	100		
152	62.9	36.0	54.0#
154	90.6	72.0	108.0





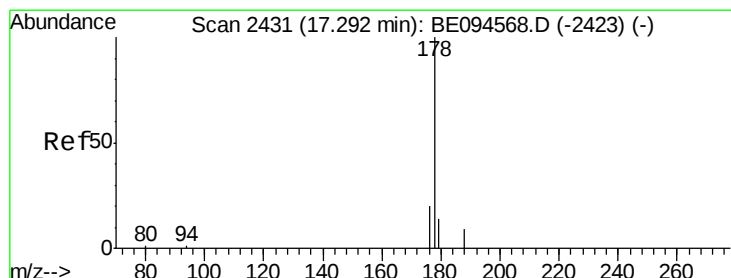
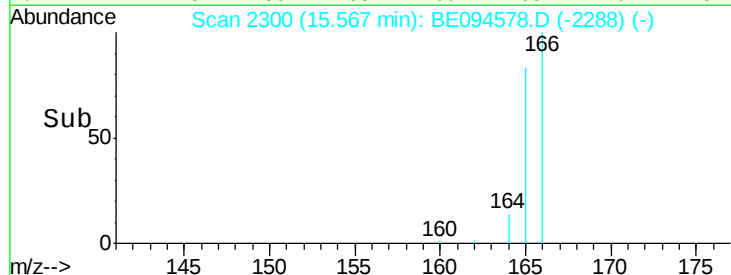
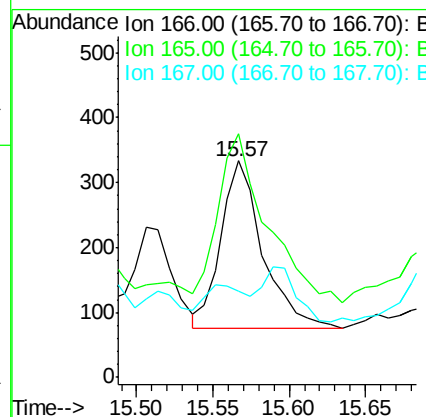
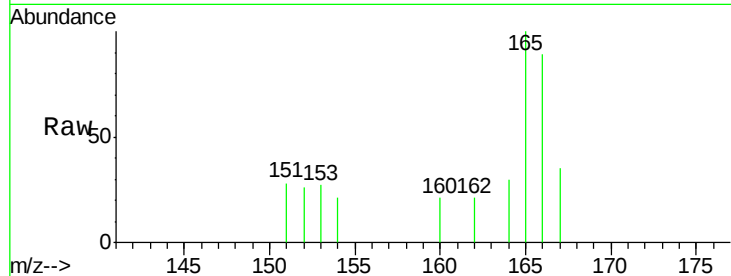
#9
Fluorene
 Concen: 0.028 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094578.D
 Acq: 27 Oct 2017 00:46

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.6	73.4	110.2#
167	39.6	14.6	22.0#

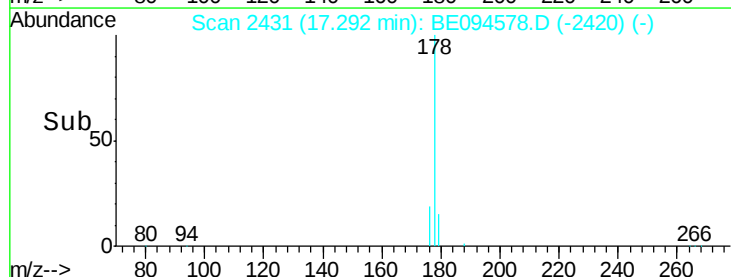
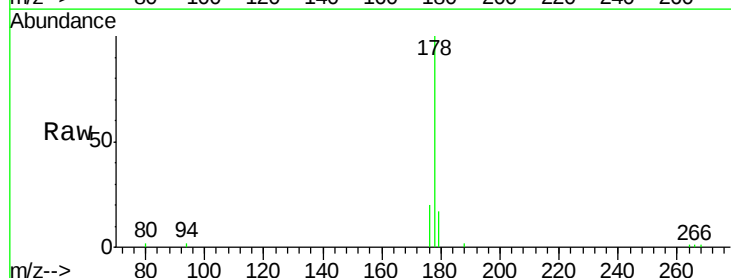
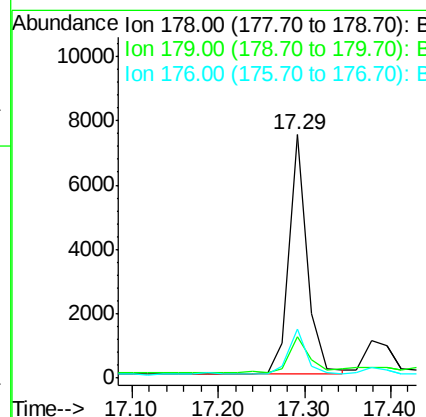
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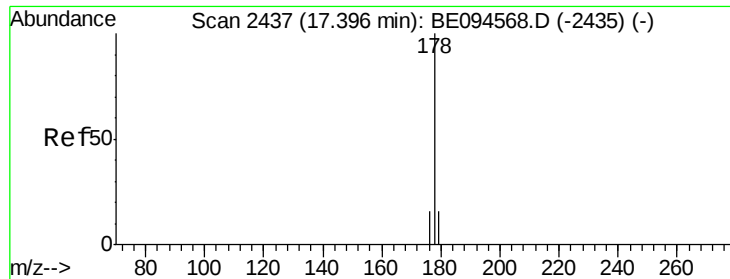
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#12
Phenanthrene
 Concen: 0.396 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094578.D
 Acq: 27 Oct 2017 00:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	20.1	13.6	20.4





#13

Anthracene

Concen: 0.080 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Instrument :

BNA_E

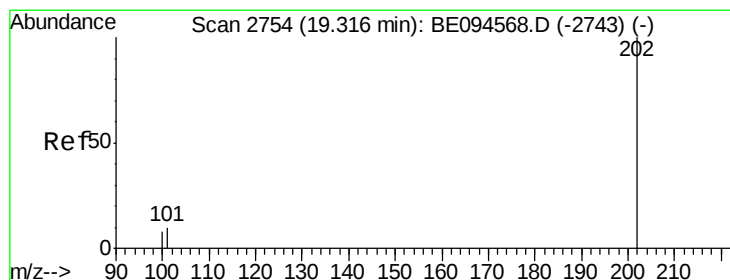
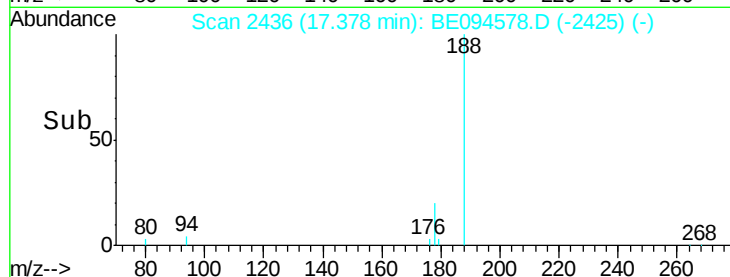
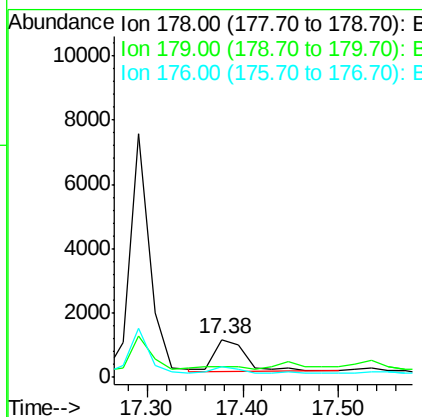
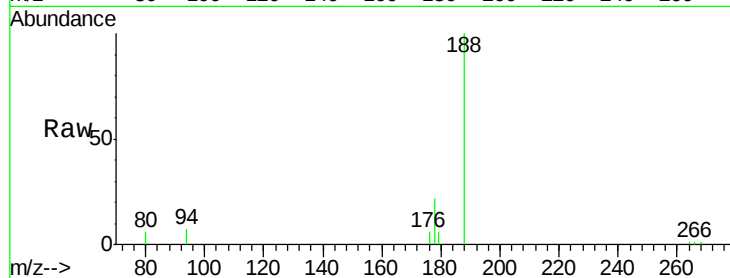
ClientSampleId :

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Tgt Ion:	178	Resp:	2202
Ion Ratio	Lower	Upper	
178	100		
179	29.2	18.1	27.1#
176	28.4	14.7	22.1#

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#15

Fluoranthene

Concen: 0.653 ng/ul

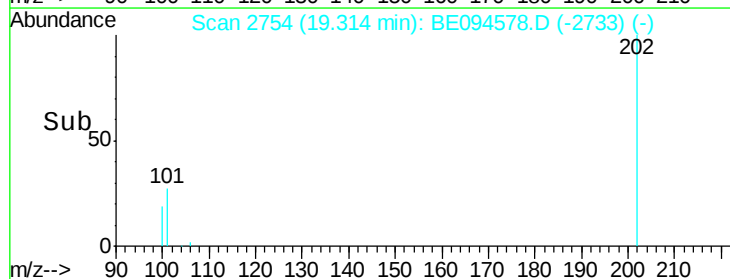
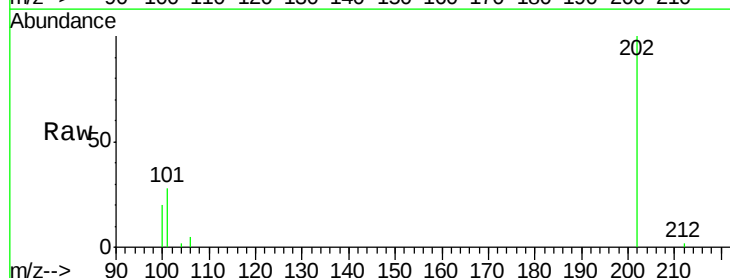
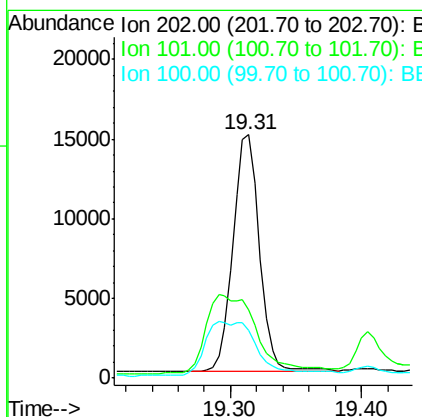
RT: 19.31 min Scan# 2754

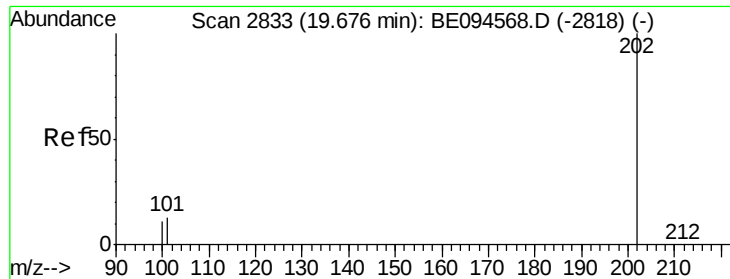
Delta R.T. -0.00 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Tgt Ion:	202	Resp:	21017
Ion Ratio	Lower	Upper	
202	100		
101	27.9	0.0	30.3
100	19.6	0.0	39.5





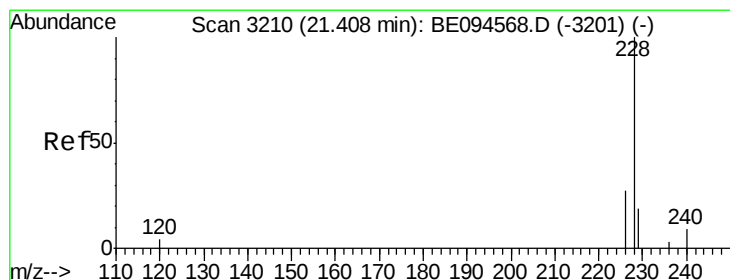
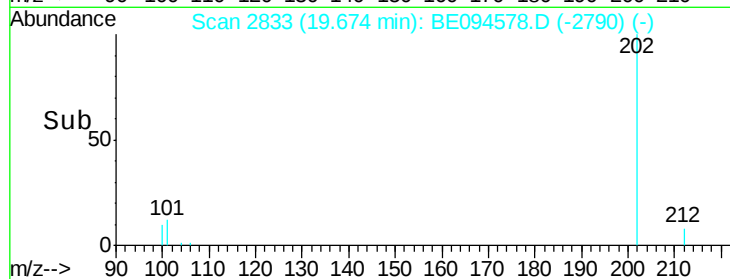
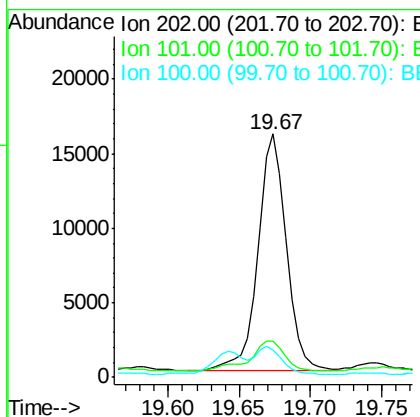
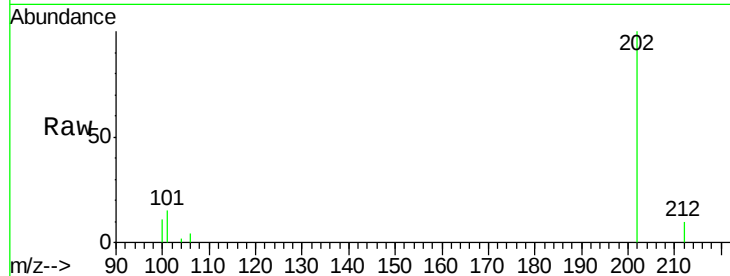
#17
Pyrene
 Concen: 0.695 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094578.D
 Acq: 27 Oct 2017 00:46

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	18.2	27.4#
100	11.4	15.6	23.4#

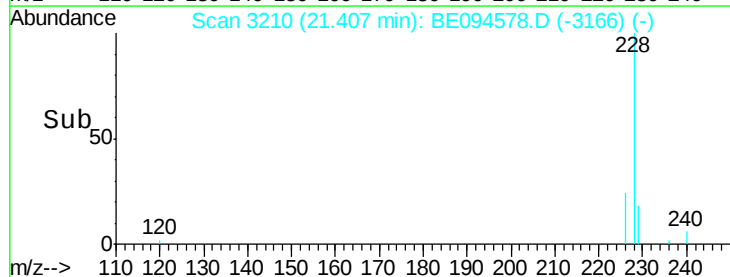
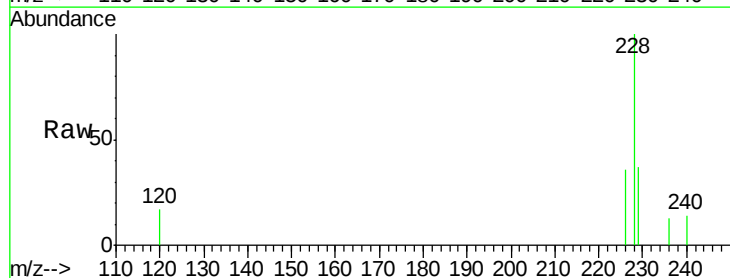
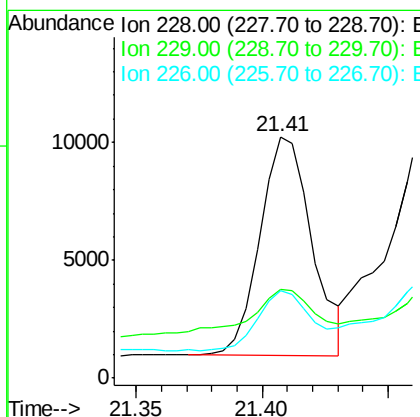
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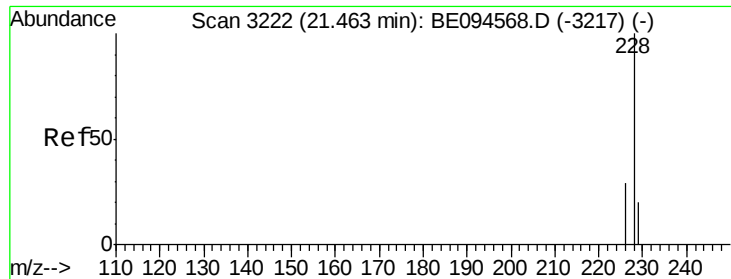
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#18
Benzo(a)anthracene
 Concen: 0.453 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094578.D
 Acq: 27 Oct 2017 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	36.7	22.8	34.2#
226	36.2	17.0	25.6#





#19

Chrysene

Concen: 0.562 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Instrument :

BNA_E

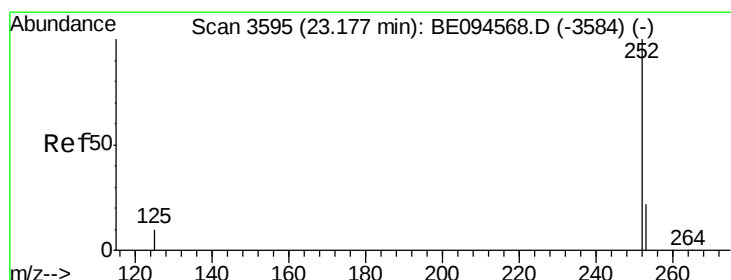
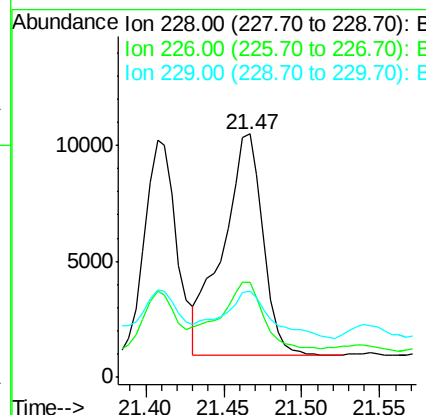
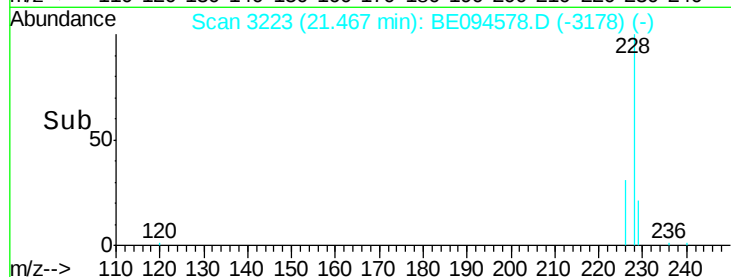
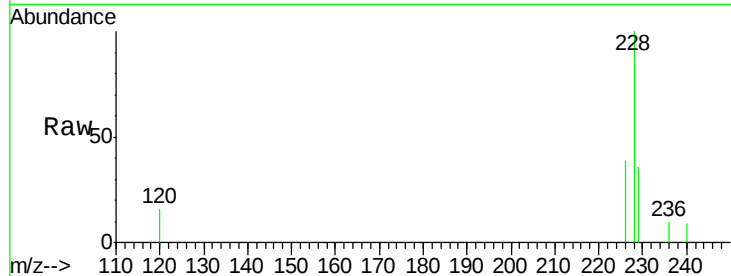
ClientSampleId :

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Tgt Ion:	228	Resp:	16967
Ion Ratio		Lower	Upper
228	100		
226	39.0	23.4	35.0#
229	35.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.669 ng/ul m

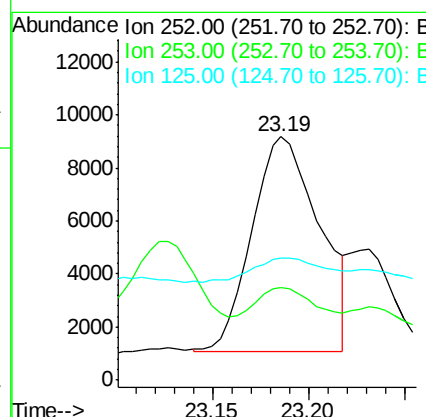
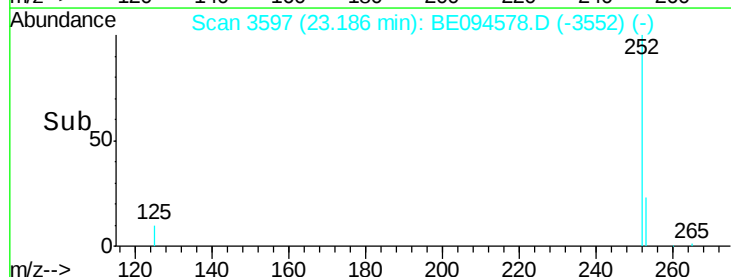
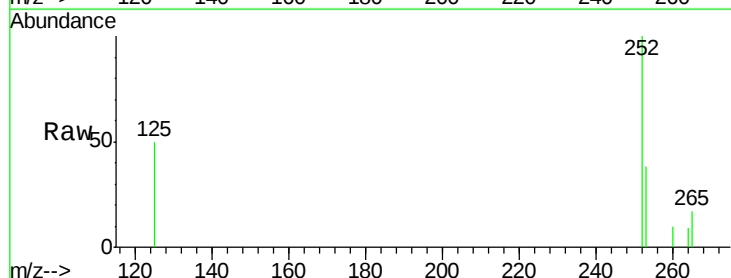
RT: 23.19 min Scan# 3597

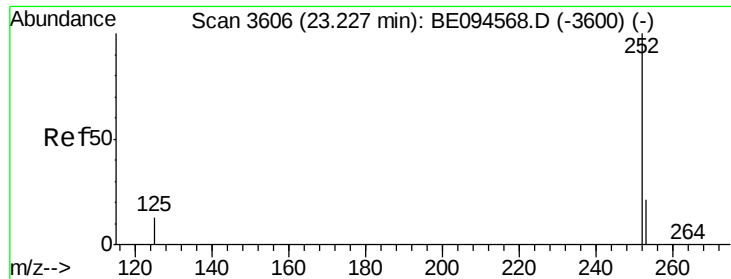
Delta R.T. 0.00 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

Tgt Ion:	252	Resp:	19765
Ion Ratio		Lower	Upper
252	100		
253	38.0	0.0	64.2
125	50.0	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.204 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094578.D

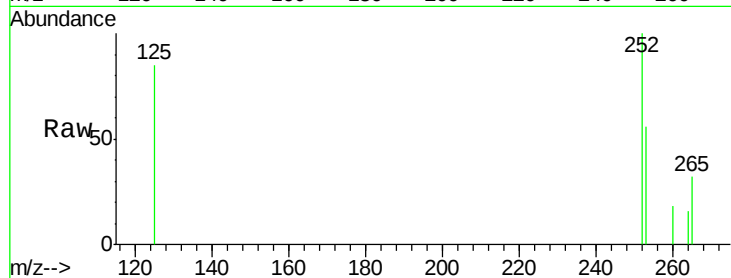
Acq: 27 Oct 2017 00:46

Instrument :

BNA_E

ClientSampleId :

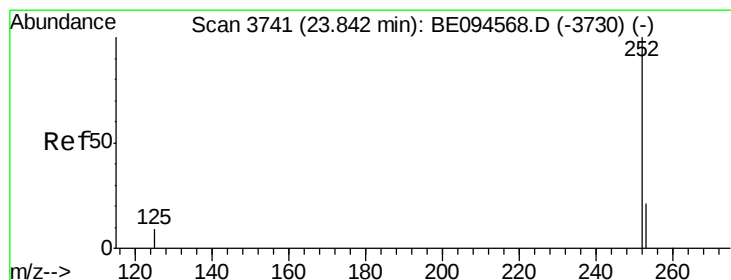
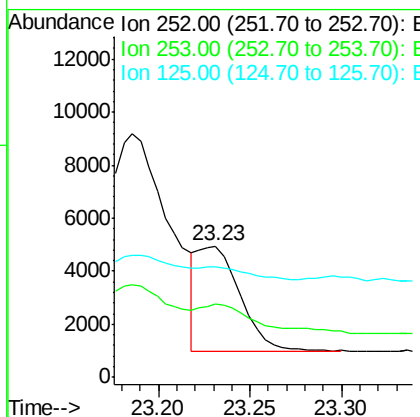
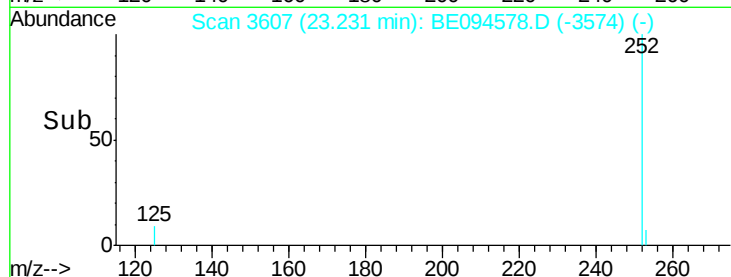
B-7(0.5-1.5)_101017



Tgt Ion:	252	Resp:	6450
Ion Ratio	Lower	Upper	
252	100		
253	56.1	24.5	36.7#
125	84.7	13.7	20.5#

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#23

Benzo(a)pyrene

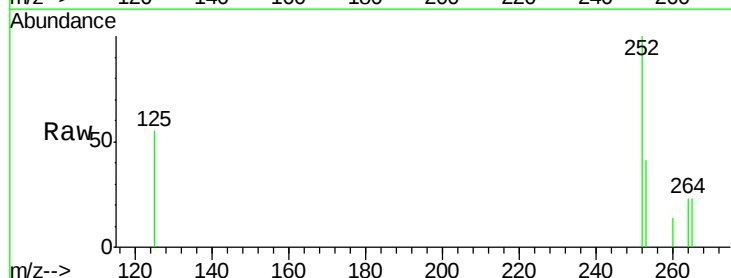
Concen: 0.453 ng/ul

RT: 23.85 min Scan# 3743

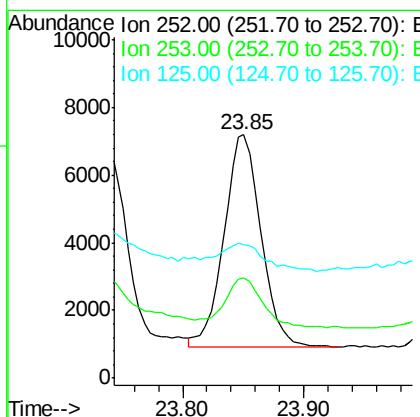
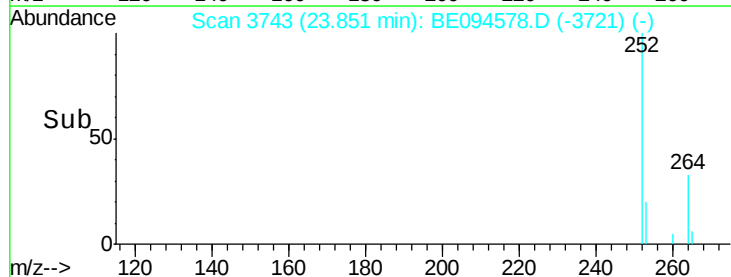
Delta R.T. -0.00 min

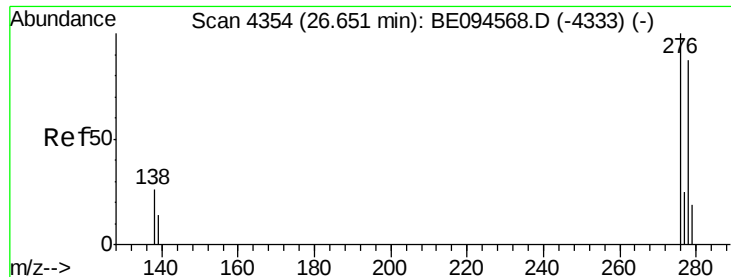
Lab File: BE094578.D

Acq: 27 Oct 2017 00:46



Tgt Ion:	252	Resp:	13362
Ion Ratio	Lower	Upper	
252	100		
253	41.0	28.5	42.7
125	55.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.332 ng/ul

RT: 26.66 min Scan# 4357

Delta R.T. 0.01 min

Lab File: BE094578.D

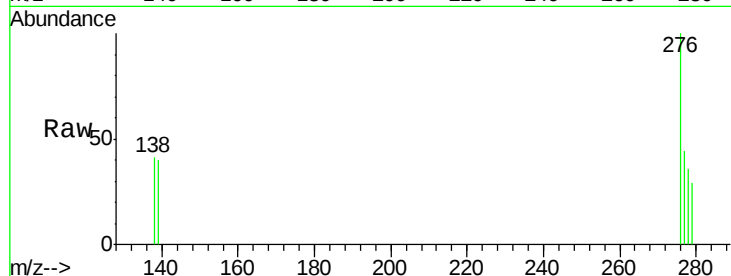
Acq: 27 Oct 2017 00:46

Instrument :

BNA_E

ClientSampleId :

B-7(0.5-1.5)_101017



Tgt Ion: 276 Resp: 10137

Ion Ratio Lower Upper

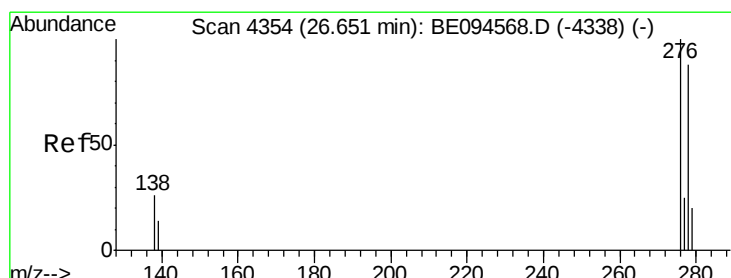
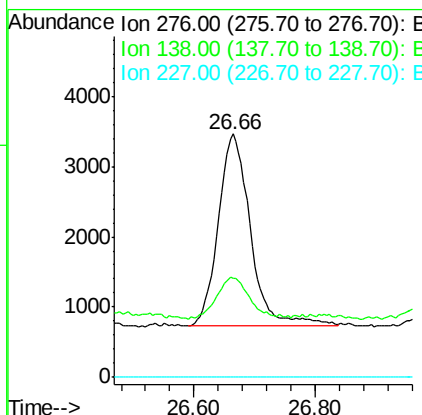
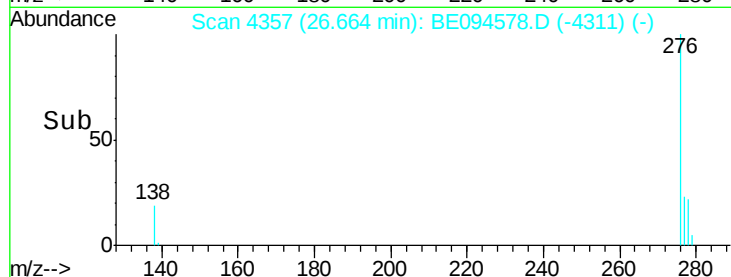
276 100

138 21.9 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:48 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 26.66 min Scan# 4355

Delta R.T. -0.00 min

Lab File: BE094578.D

Acq: 27 Oct 2017 00:46

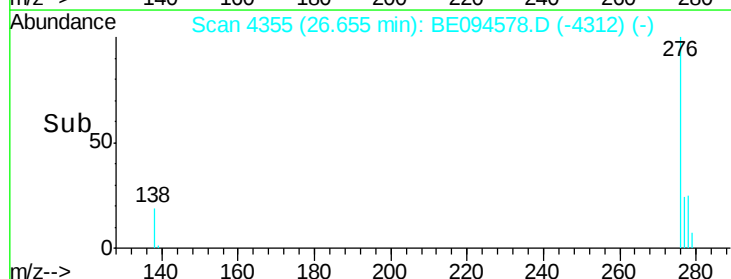
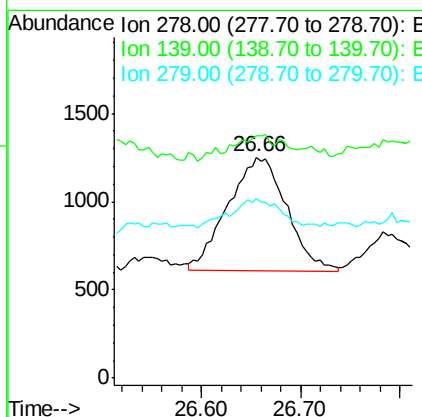
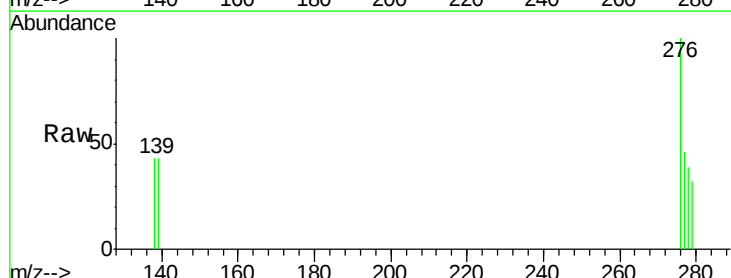
Tgt Ion: 278 Resp: 2631

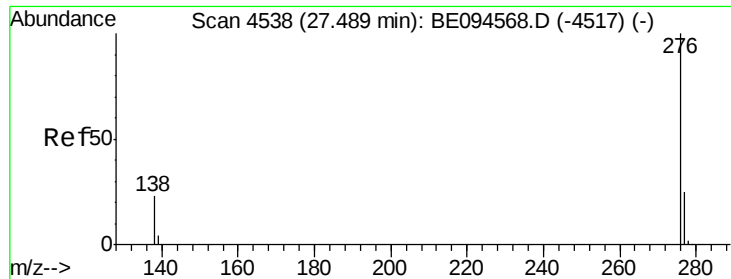
Ion Ratio Lower Upper

278 100

139 109.8 17.4 26.0#

279 81.6 25.9 38.9#





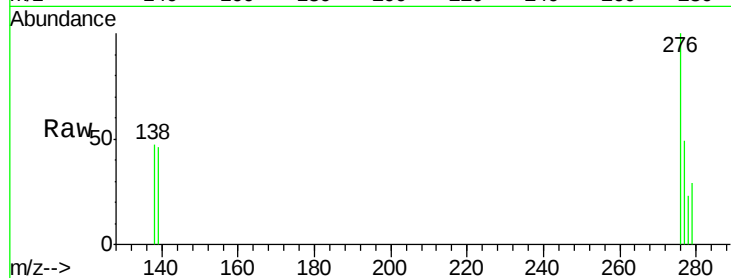
#26
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.51 min Scan# 4542
Delta R.T. 0.01 min
Lab File: BE094578.D
Acq: 27 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :
B-7(0.5-1.5)_101017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.5	21.8	32.8#
277	48.7	20.5	30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:48 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

