

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094714.D
 Acq On : 3 Nov 2017 19:07
 Operator : SJ/JU
 Sample : I5955-08 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-15(5-6)-101717

Manual Integrations
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Quant Time: Nov 03 23:49:08 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 Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1372	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8251	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	4640	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.26	188	9961	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9822	0.40	ng/ul	-0.01
20) Perylene-d12	23.96	264	11230	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	795	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1778	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.36	142	539	0.038	ng/ul	95
12) Phenanthrene	17.29	178	3296	0.125	ng/ul#	94
15) Fluoranthene	19.31	202	3288	0.108	ng/ul	84
17) Pyrene	19.67	202	4599	0.151	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	2051	0.073	ng/ul#	28
19) Chrysene	21.46	228	2748	0.095	ng/ul#	35
21) Benzo(b)fluoranthene	23.18	252	1960m	0.062	ng/ul	
23) Benzo(a)pyrene	23.84	252	1501	0.048	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.65	276	898	0.027	ng/ul#	72
26) Benzo(g,h,i)perylene	27.50	276	1209	0.046	ng/ul#	8

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

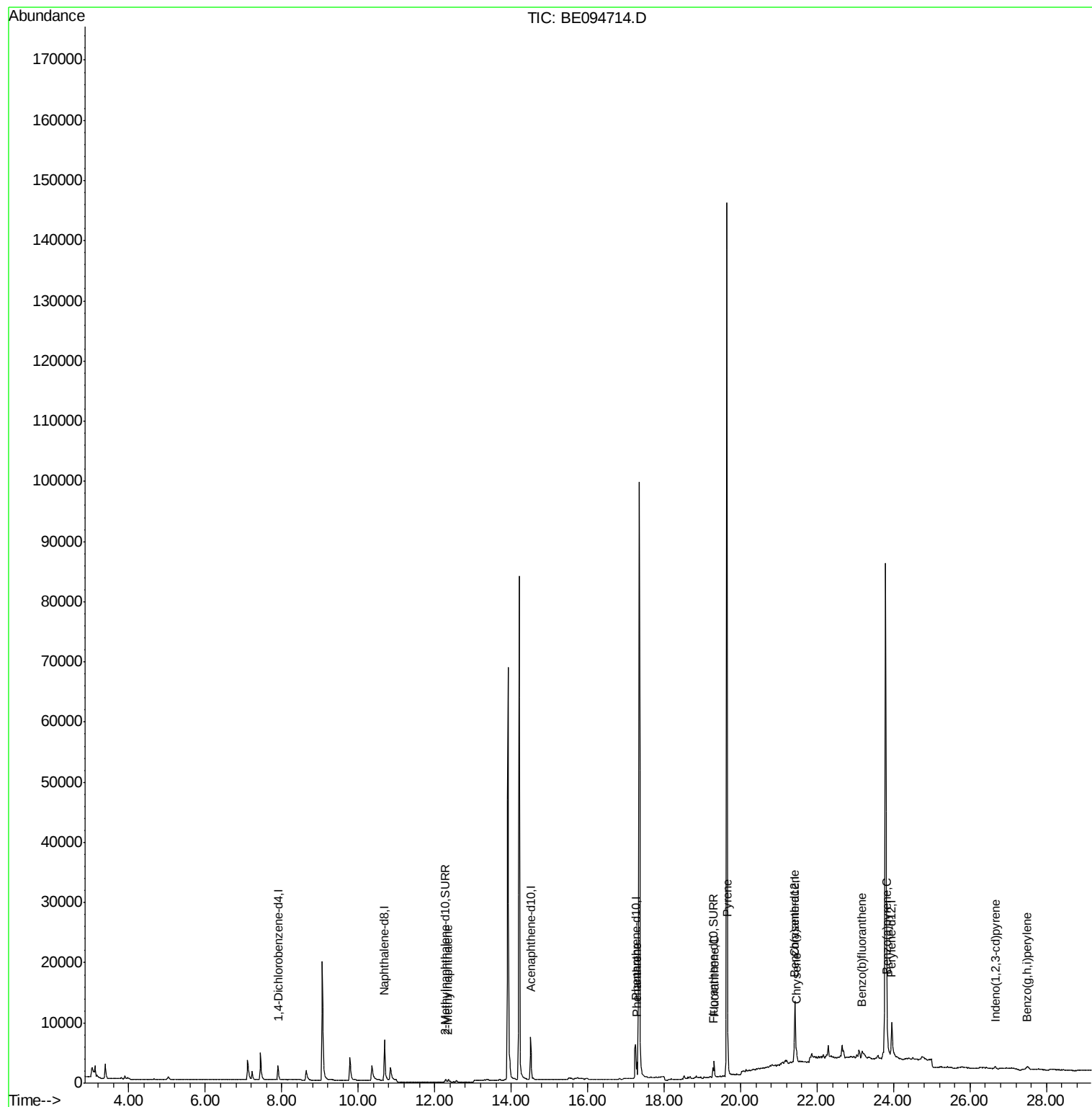
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094714.D
Acq On : 3 Nov 2017 19:07
Operator : SJ/JU
Sample : I5955-08 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

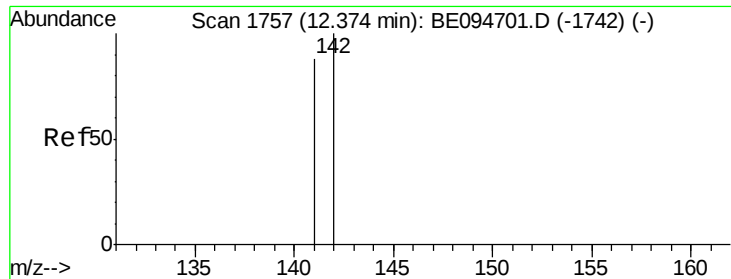
Instrument :
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ClientSampleId :
B-15(5-6)-101717

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#5

2-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

BNA_E

ClientSampleId :

B-15(5-6)-101717

Tgt Ion:142 Resp: 539

Ion Ratio Lower Upper

142 100

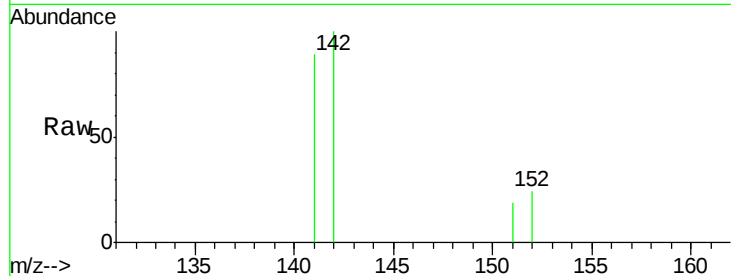
141 85.9 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

300

250

200

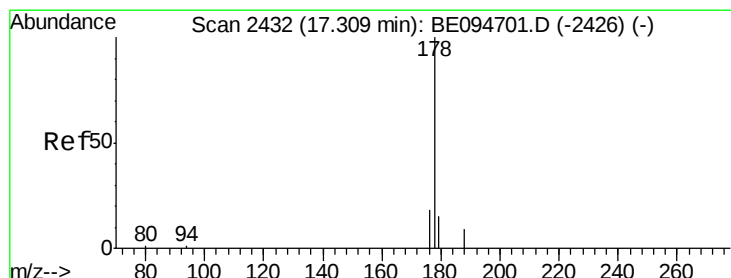
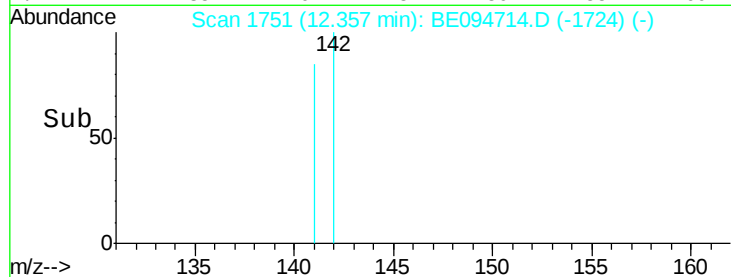
150

100

50

0

Time-->



#12

Phenanthrene

Concen: 0.125 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

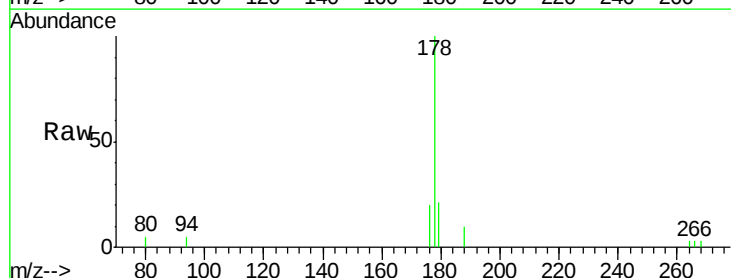
Tgt Ion:178 Resp: 3296

Ion Ratio Lower Upper

178 100

179 20.9 18.4 27.6

176 20.5 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.29

2500

2000

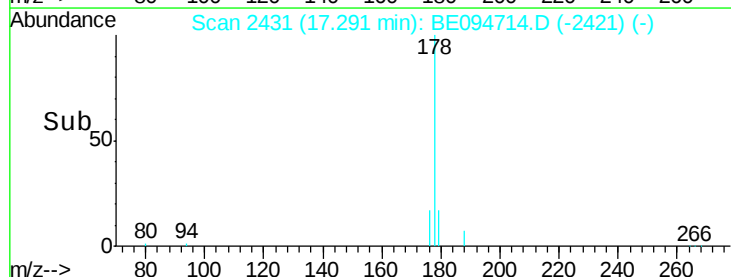
1500

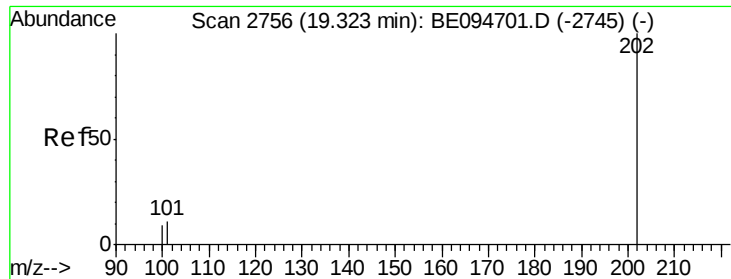
1000

500

0

Time-->





#15

Fluoranthene

Concen: 0.108 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Instrument :

BNA_E

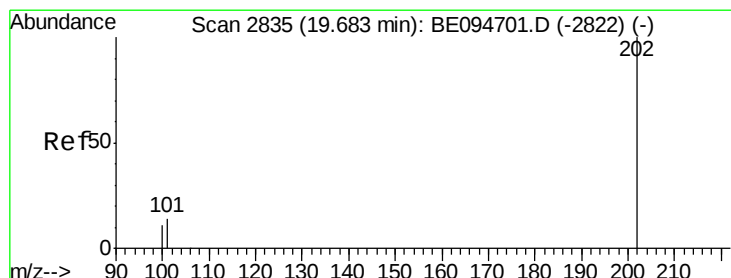
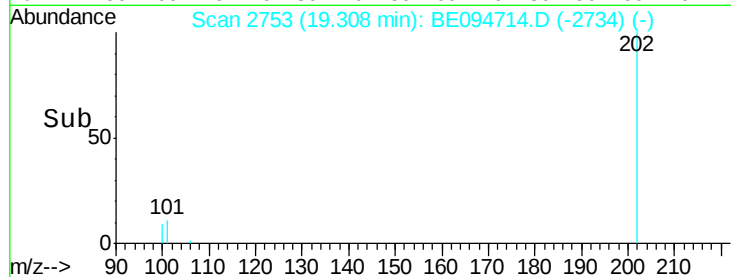
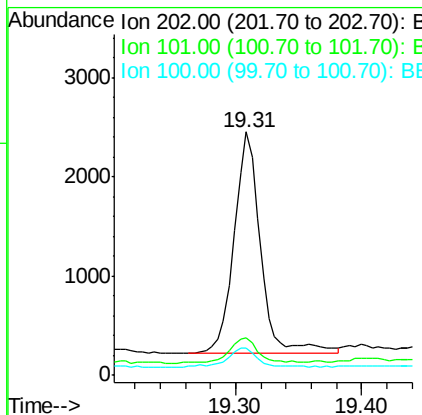
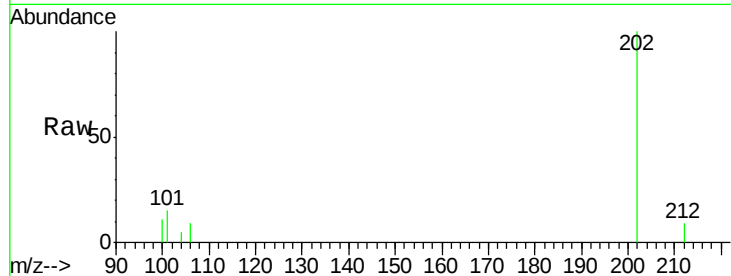
ClientSampleId :

B-15(5-6)-101717

Tgt Ion:	202	Resp:	3288
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	30.3
100	11.4	0.0	39.5

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#17

Pyrene

Concen: 0.151 ng/ul

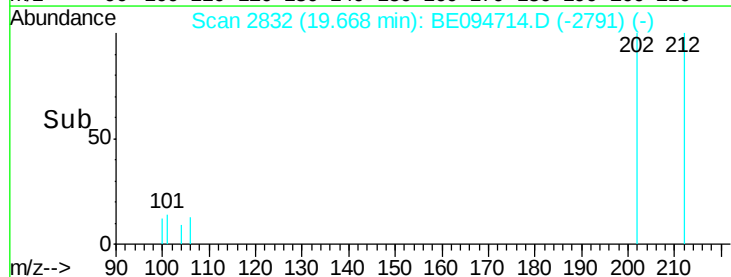
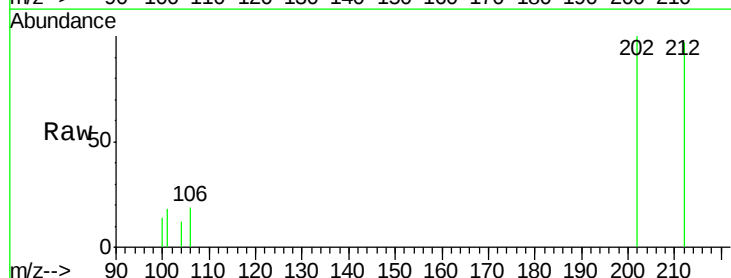
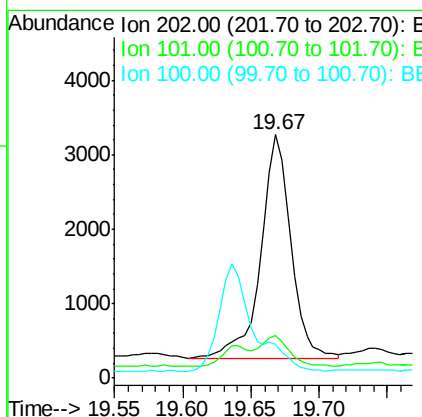
RT: 19.67 min Scan# 2832

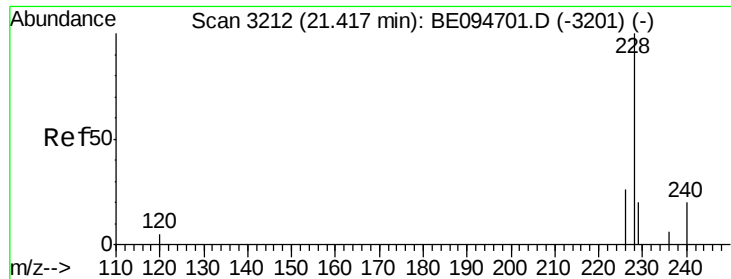
Delta R.T. -0.01 min

Lab File: BE094714.D

Acq: 3 Nov 2017 19:07

Tgt Ion:	202	Resp:	4599
Ion Ratio	Lower	Upper	
202	100		
101	17.5	18.2	27.4#
100	14.0	15.6	23.4#





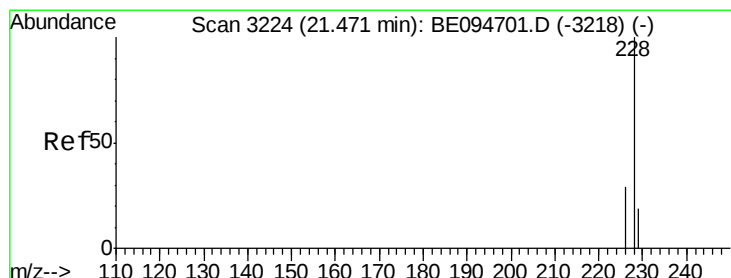
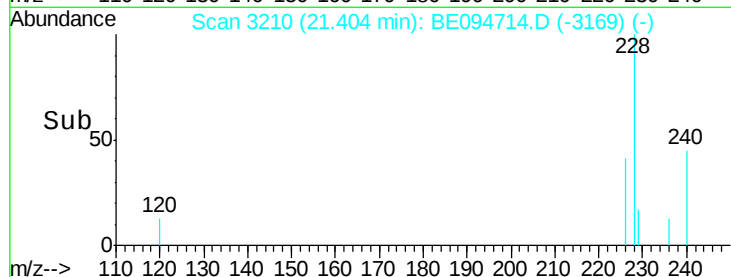
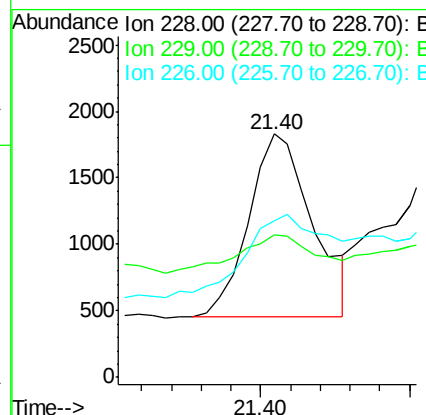
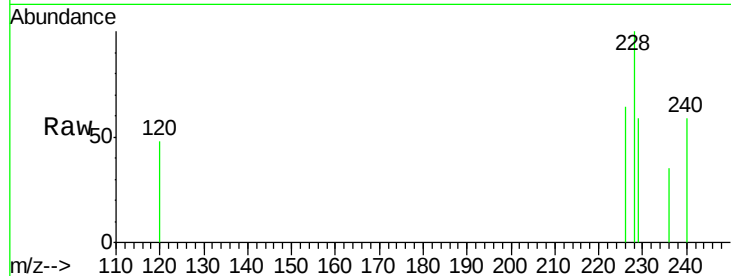
#18
Benzo(a)anthracene
Concen: 0.073 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094714.D
Acq: 3 Nov 2017 19:07

Instrument :
BNA_E
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	58.7	22.8	34.2#
226	64.3	17.0	25.6#

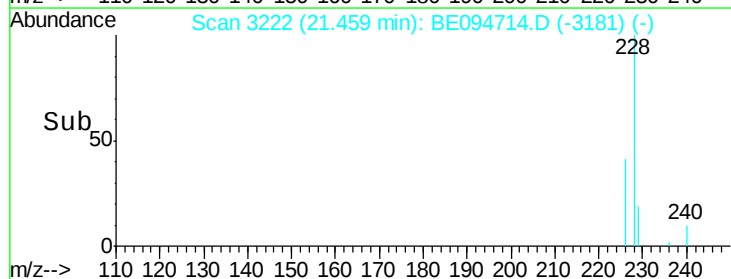
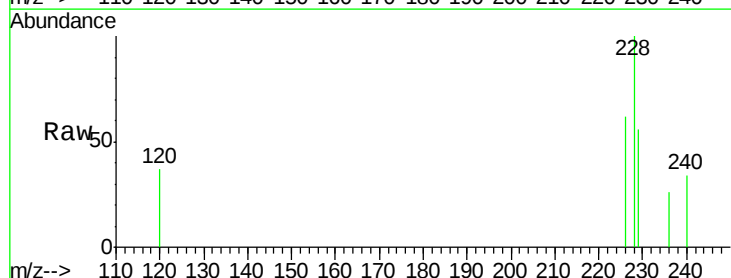
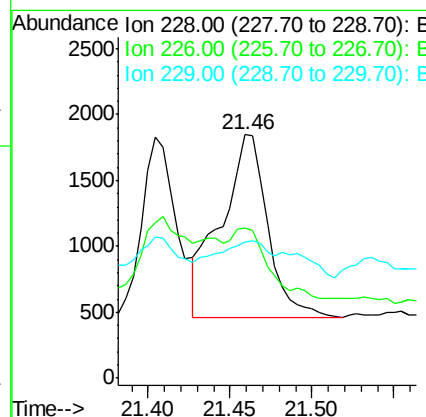
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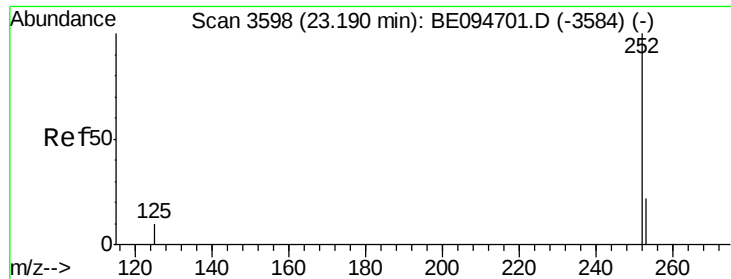
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#19
Chrysene
Concen: 0.095 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094714.D
Acq: 3 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	61.9	23.4	35.0#
229	55.8	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.062 ng/ul m

RT: 23.18 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE094714.D

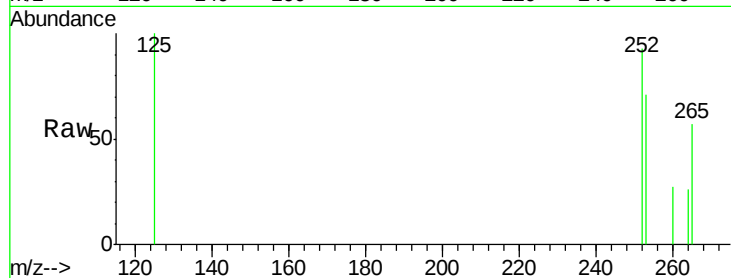
Acq: 3 Nov 2017 19:07

Instrument :

BNA_E

ClientSampleId :

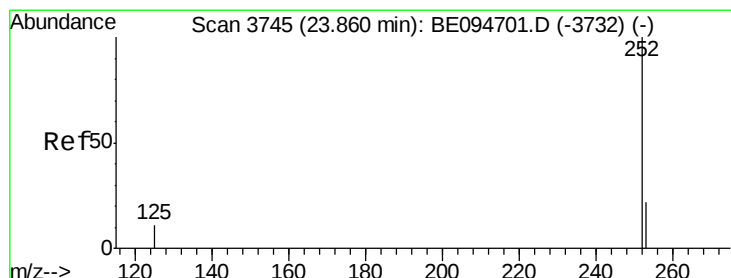
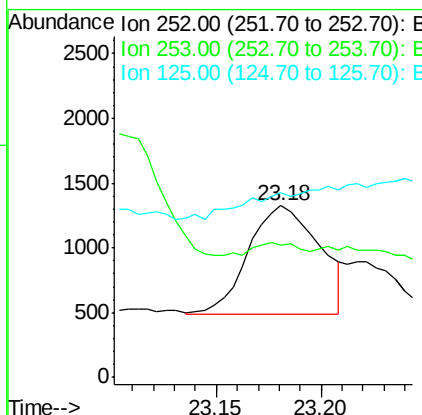
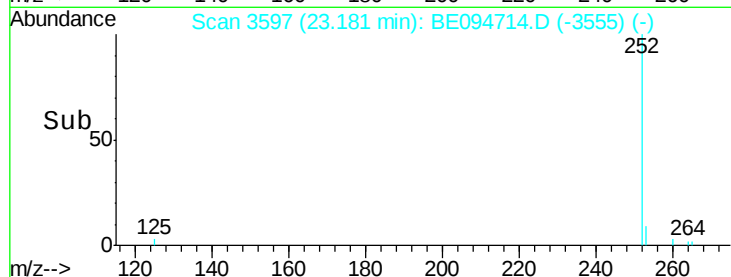
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Tgt Ion:	252	Resp:	1960
Ion Ratio	Lower	Upper	
252	100		
253	76.8	0.0	64.2#
125	108.0	0.0	35.0#

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#23

Benzo(a)pyrene

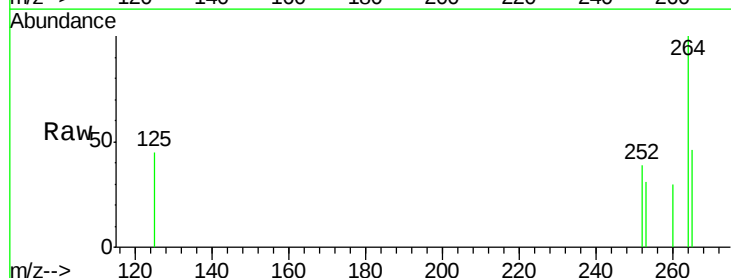
Concen: 0.048 ng/ul

RT: 23.84 min Scan# 3742

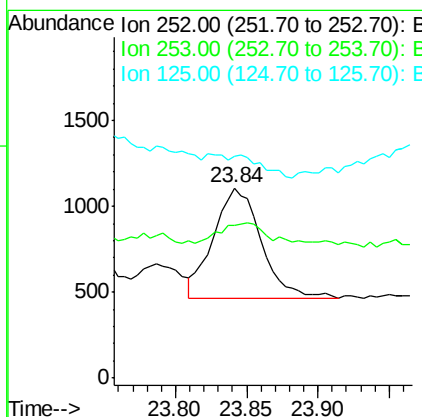
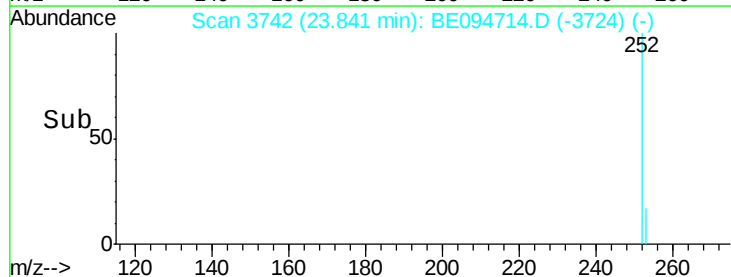
Delta R.T. -0.02 min

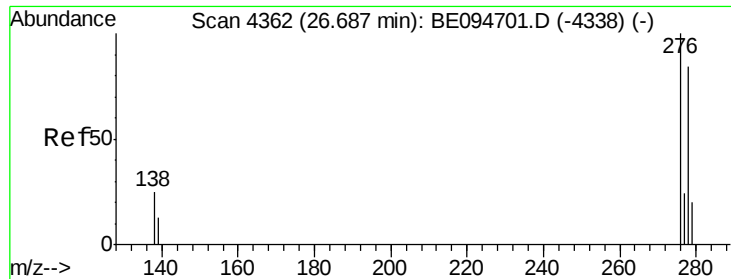
Lab File: BE094714.D

Acq: 3 Nov 2017 19:07



Tgt Ion:	252	Resp:	1501
Ion Ratio	Lower	Upper	
252	100		
253	80.4	28.5	42.7#
125	116.8	18.1	27.1#





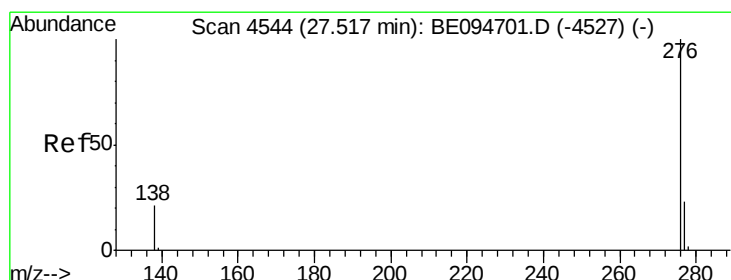
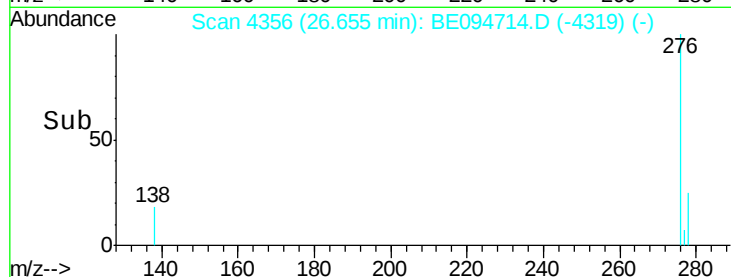
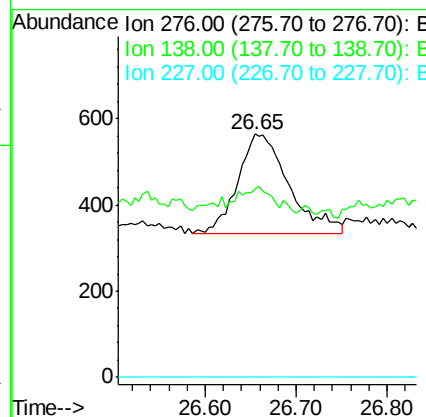
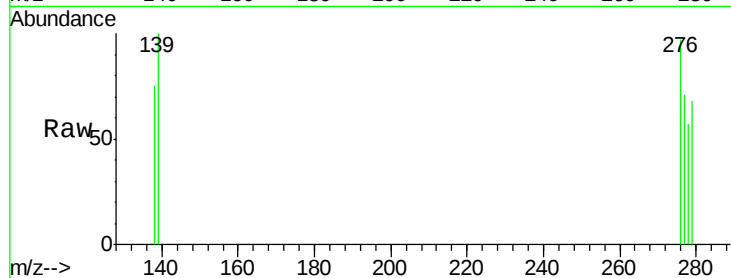
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.027 ng/uI
 RT: 26.65 min Scan# 4356
 Delta R.T. -0.03 min
 Lab File: BE094714.D
 Acq: 3 Nov 2017 19:07

Instrument :
 BNA_E
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 B-15(5-6)-101717

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.046 ng/uI
 RT: 27.50 min Scan# 4542
 Delta R.T. -0.01 min
 Lab File: BE094714.D
 Acq: 3 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	73.5	21.8	32.8#
277	73.5	20.5	30.7#

