

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094372.D
 Acq On : 15 Oct 2017 1:32
 Operator : SJ/JU
 Sample : I5548-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB5

Manual Integrations
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Quant Time: Oct 16 05:23:51 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1493	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4937	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11183	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10608	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10043m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2322	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	6154	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.36	142	476	0.037	ng/ul	94
12) Phenanthrene	17.29	178	8263	0.283	ng/ul#	90
13) Anthracene	17.39	178	1303	0.046	ng/ul#	60
15) Fluoranthene	19.31	202	25332	0.660	ng/ul	84
17) Pyrene	19.67	202	23316	0.790	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	12338	0.438	ng/ul#	68
19) Chrysene	21.46	228	16179	0.498	ng/ul#	73
21) Benzo(b)fluoranthene	23.18	252	19751m	0.724	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	7628m	0.242	ng/ul	
23) Benzo(a)pyrene	23.84	252	12155m	0.429	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.64	276	9214m	0.318	ng/ul	
25) Dibenzo(a,h)anthracene	26.64	278	2649m	0.109	ng/ul	
26) Benzo(g,h,i)perylene	27.47	276	7458m	0.298	ng/ul	

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

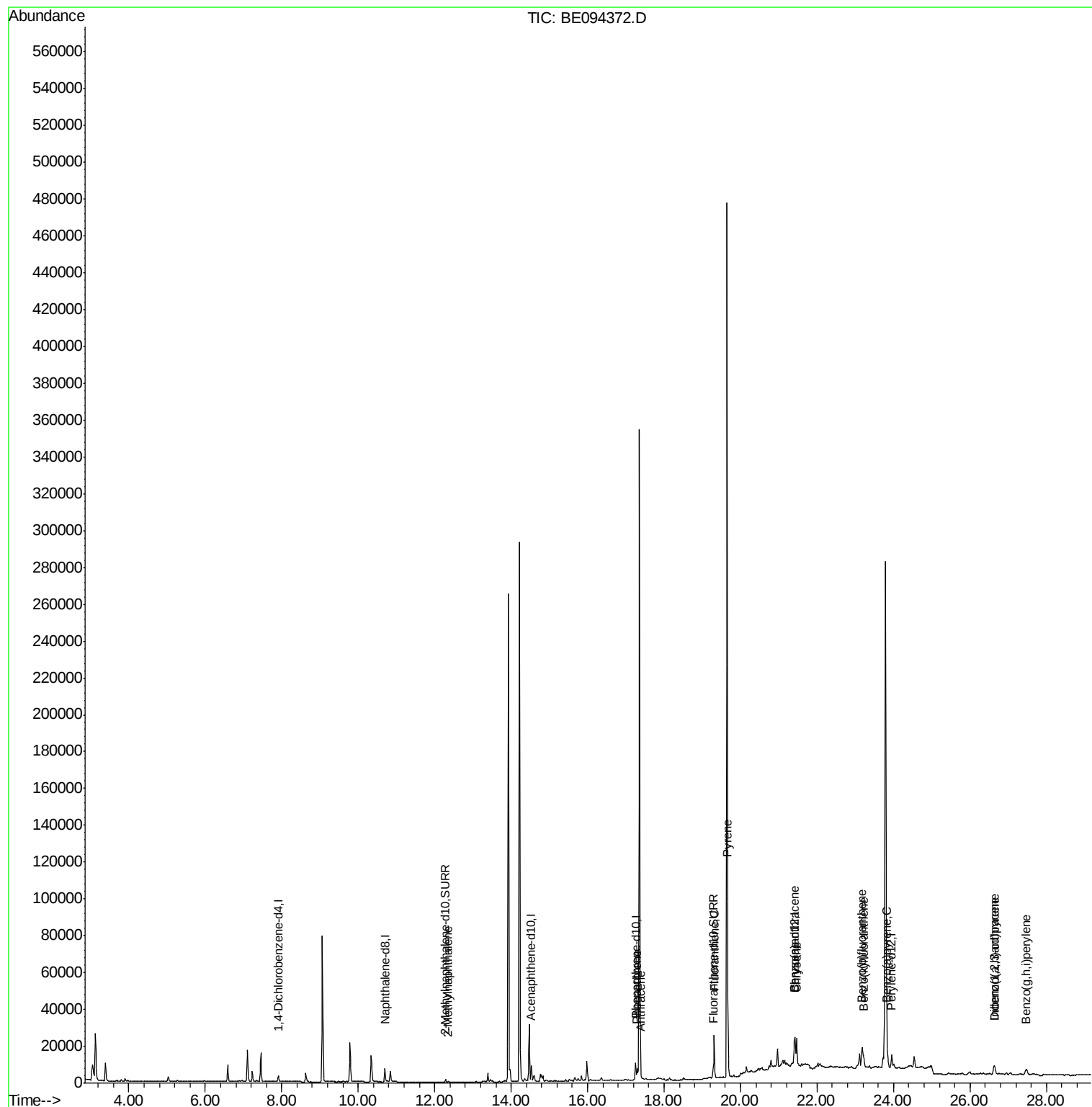
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
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ALS Vial : 19 Sample Multiplier: 1

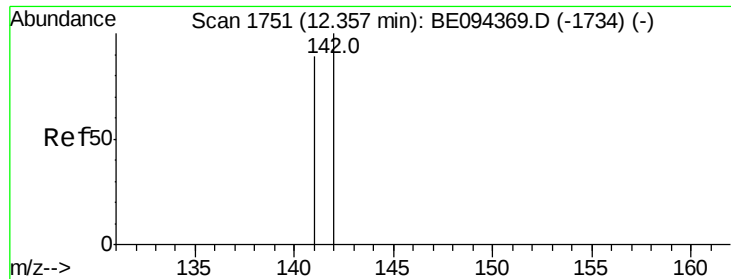
Instrument :
BNA_E
ClientSampleId :
C0AB5

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Quant Time: Oct 16 05:23:51 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 05:09:03 2017
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#5

2-Methylnaphthalene

Concen: 0.037 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

ClientSampleId :

C0AB5

Tot Ion:142 Resp: 476

Ion Ratio Lower Upper

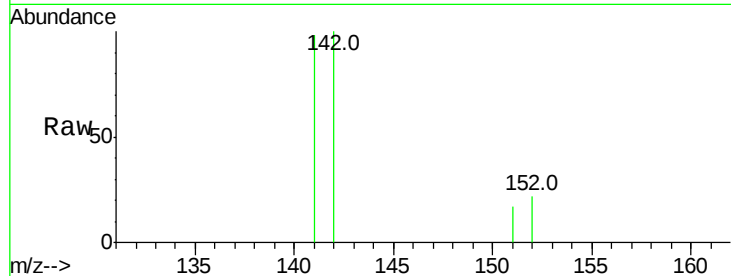
142 100

141 96.2 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

400

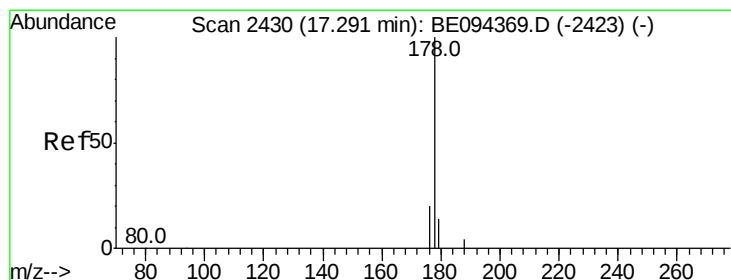
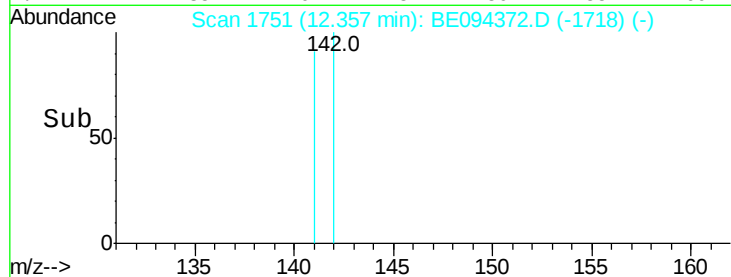
300

200

100

0

Time-->



#12

Phenanthrene

Concen: 0.283 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

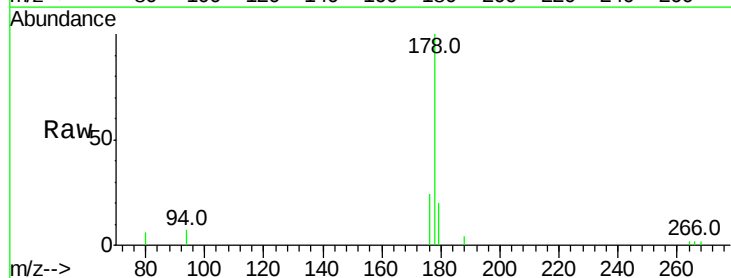
Tgt Ion:178 Resp: 8263

Ion Ratio Lower Upper

178 100

179 19.8 18.4 27.6

176 23.5 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

6000

5000

4000

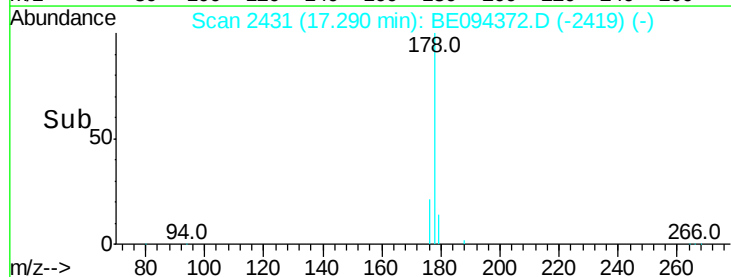
3000

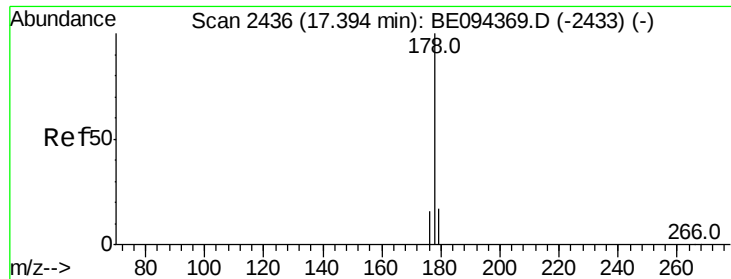
2000

1000

0

Time-->





#13

Anthracene

Concen: 0.046 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

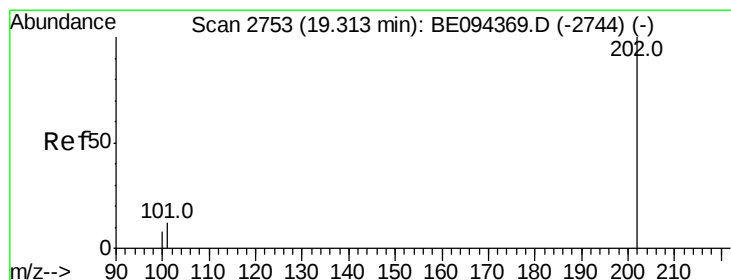
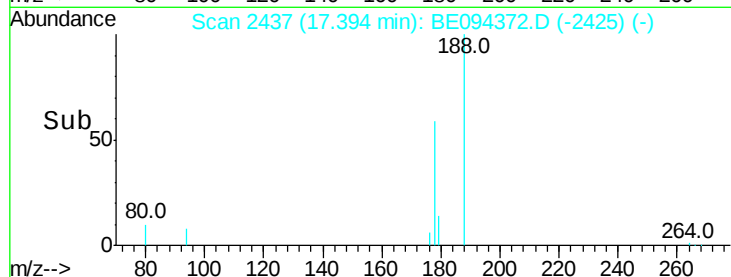
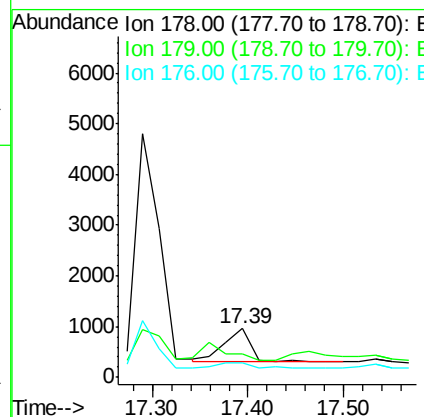
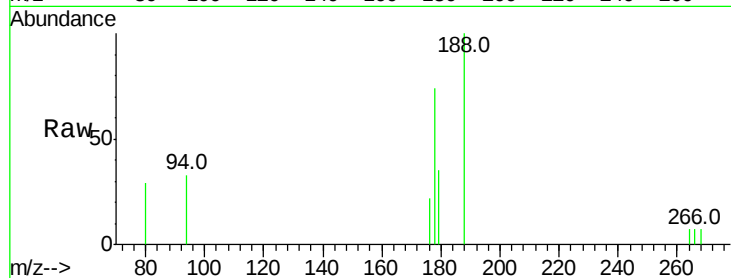
ClientSampleId :

C0AB5

Tot Ion:	178	Resp:	1303
Ion Ratio	Lower	Upper	
178	100		
179	47.4	18.1	27.1#
176	29.7	14.7	22.1#

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#15

Fluoranthene

Concen: 0.660 ng/ul

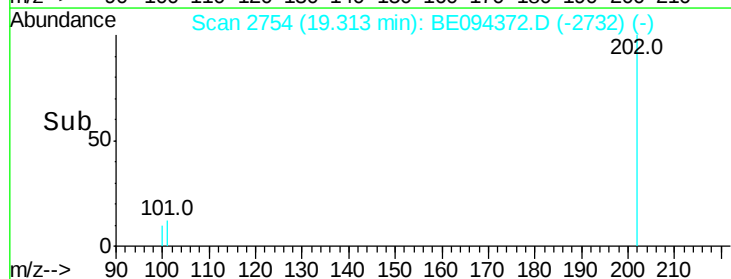
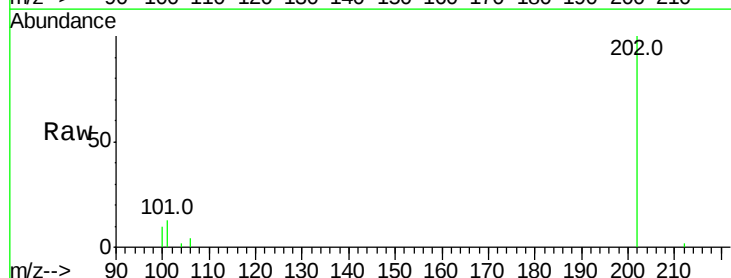
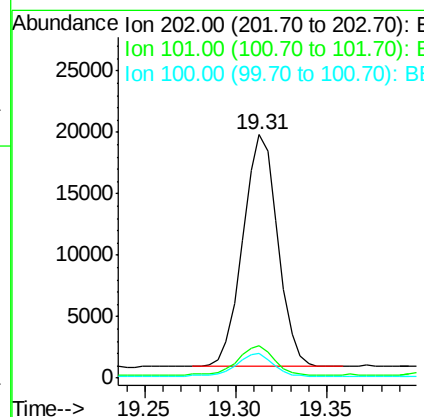
RT: 19.31 min Scan# 2754

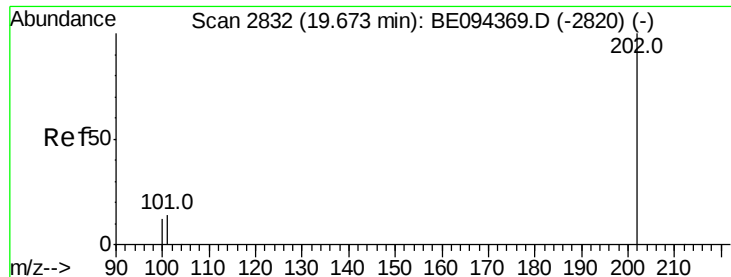
Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Tgt Ion:	202	Resp:	25332
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	30.3
100	10.0	0.0	39.5





#17

Pvrene

Concen: 0.790 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

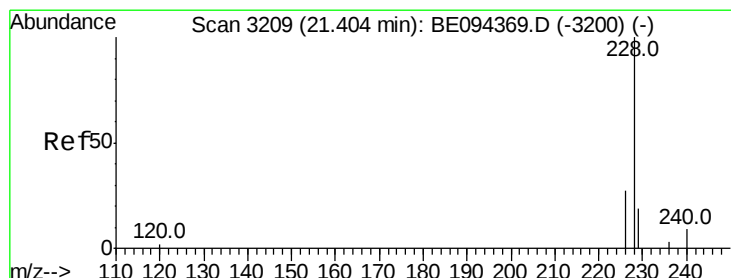
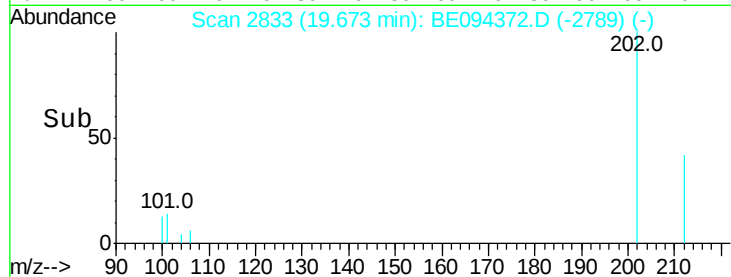
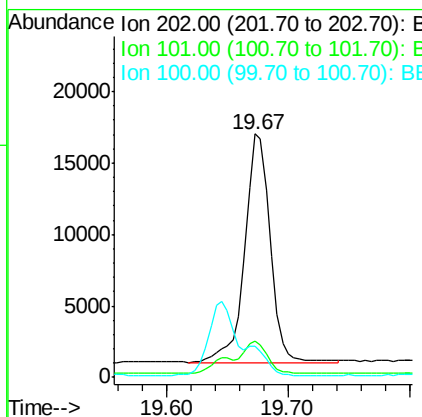
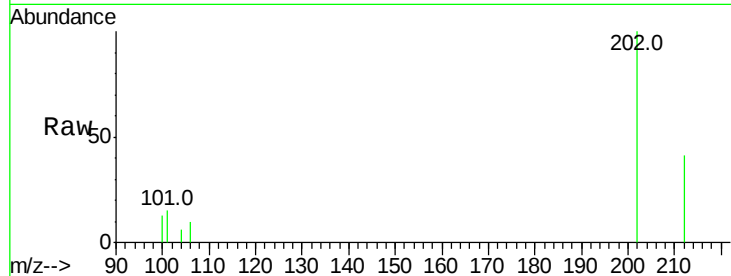
ClientSampleId :

C0AB5

Tot Ion:	202	Resp:	23316
Ion Ratio	Lower	Upper	
202	100		
101	15.1	18.2	27.4#
100	12.7	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.438 ng/ul

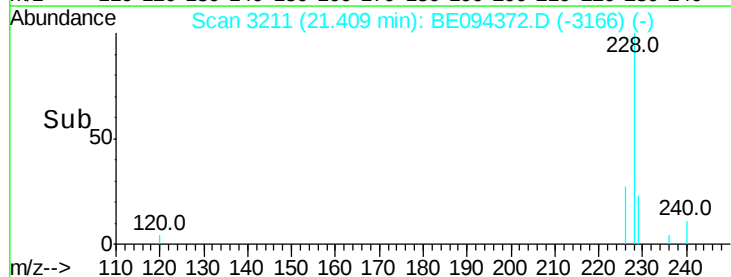
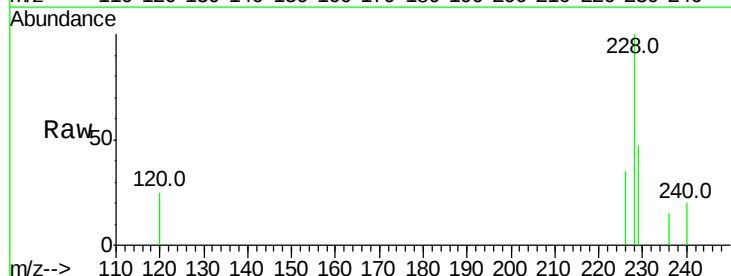
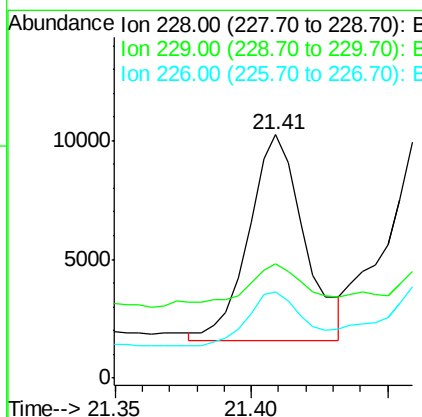
RT: 21.41 min Scan# 3211

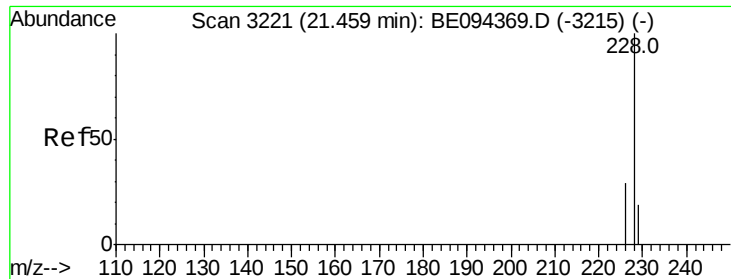
Delta R.T. 0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Tgt Ion:	228	Resp:	12338
Ion Ratio	Lower	Upper	
228	100		
229	46.9	22.8	34.2#
226	35.2	17.0	25.6#





#19

Chrysene

Concen: 0.498 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

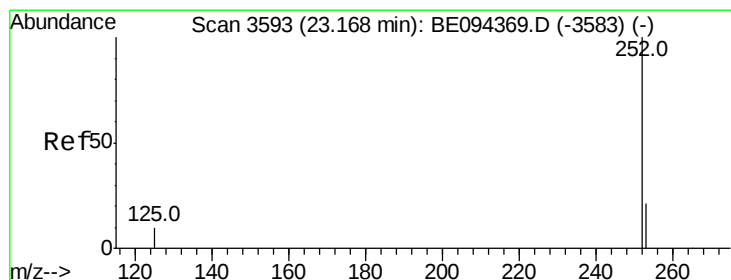
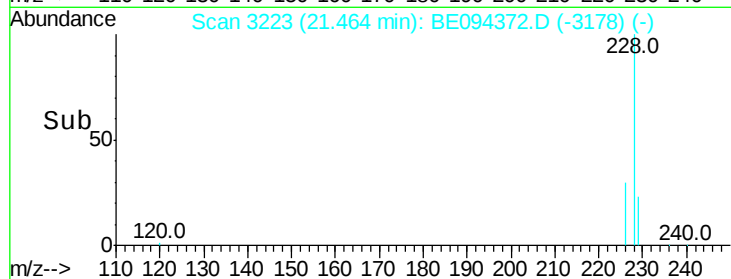
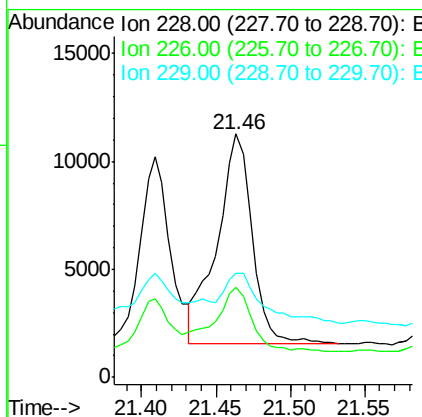
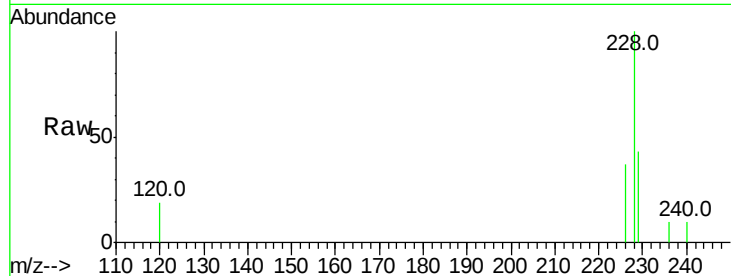
ClientSampled :

C0AB5

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.0	23.4	35.0#
229	42.8	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.724 ng/ul m

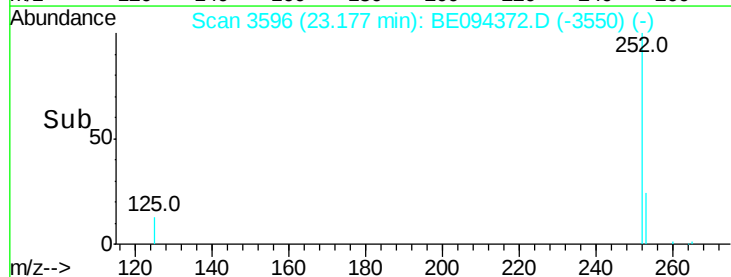
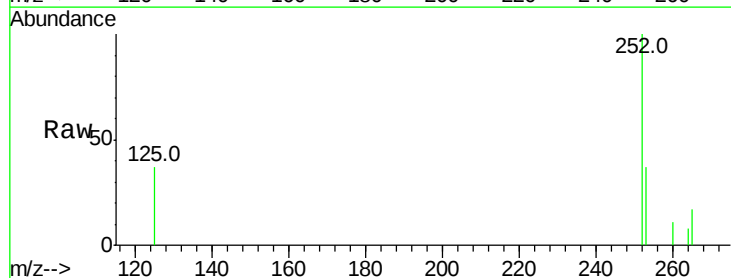
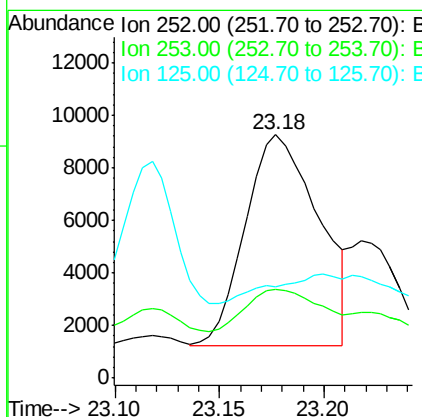
RT: 23.18 min Scan# 3596

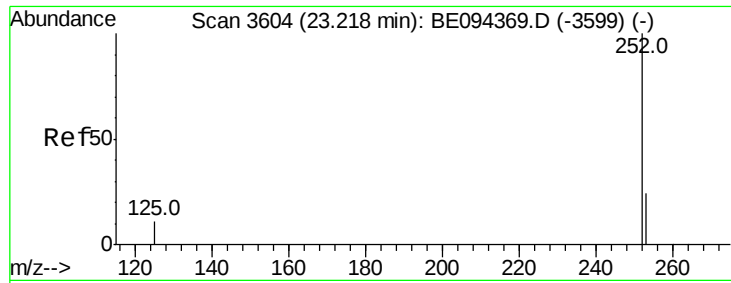
Delta R.T. 0.01 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.6	0.0	64.2
125	37.3	0.0	35.0#





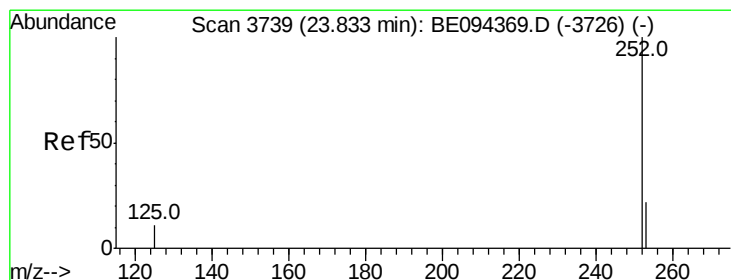
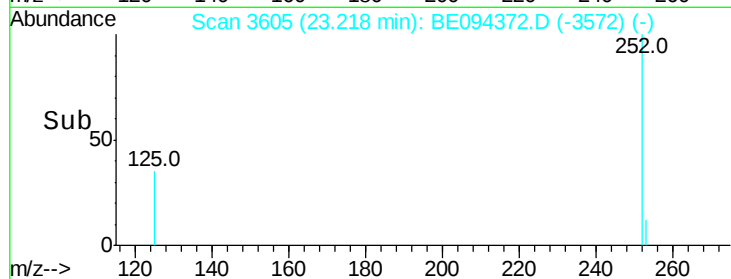
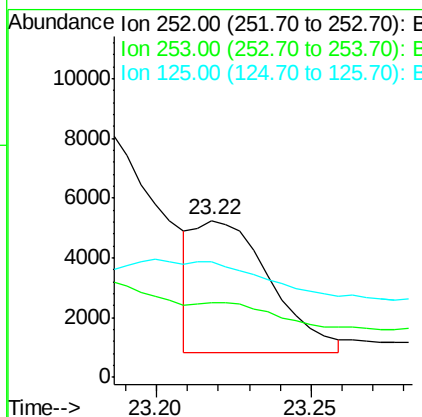
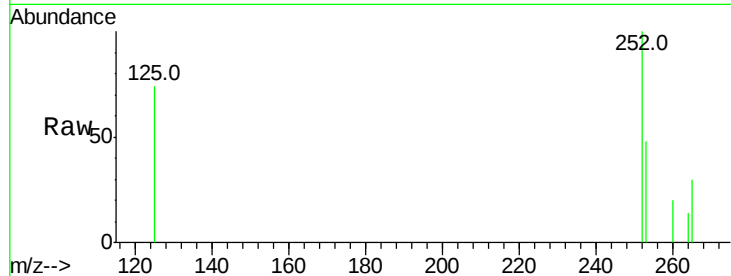
#22
Benzo(k)fluoranthene
Concen: 0.242 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. 0.00 min
Lab File: BE094372.D
Acq: 15 Oct 2017 1:32

Instrument :
BNA_E
ClientSampleId :
C0AB5

Tot Ion:252 Resp: 7628
Ion Ratio Lower Upper
252 100
253 48.0 24.5 36.7#
125 73.9 13.7 20.5#

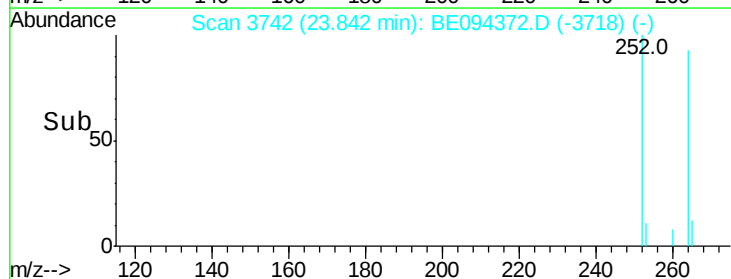
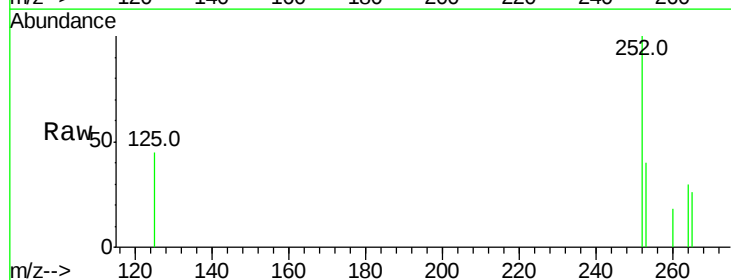
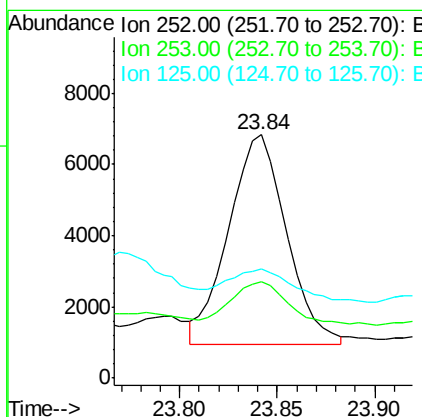
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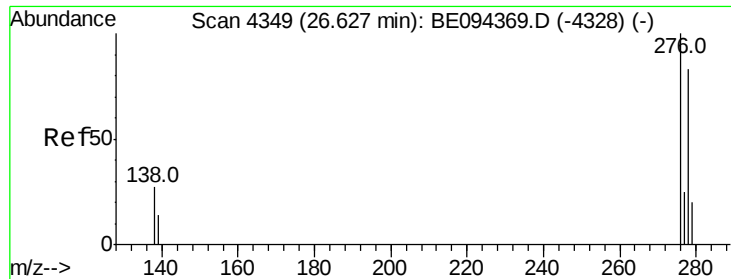
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#23
Benzo(a)pyrene
Concen: 0.429 ng/ul m
RT: 23.84 min Scan# 3742
Delta R.T. 0.01 min
Lab File: BE094372.D
Acq: 15 Oct 2017 1:32

Tgt Ion:252 Resp: 12155
Ion Ratio Lower Upper
252 100
253 39.7 28.5 42.7
125 44.9 18.1 27.1#





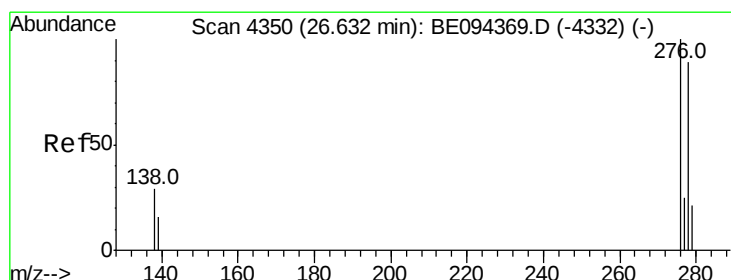
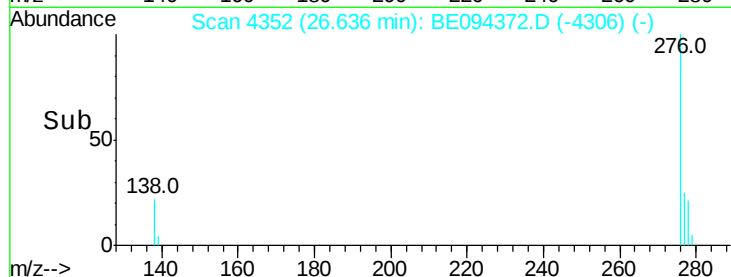
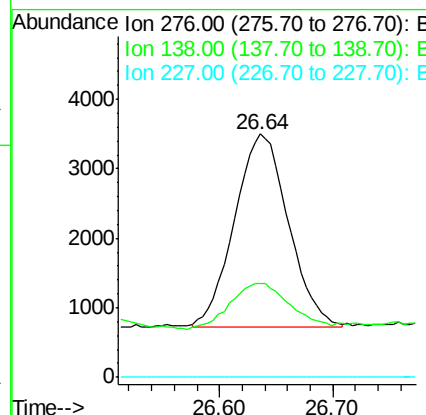
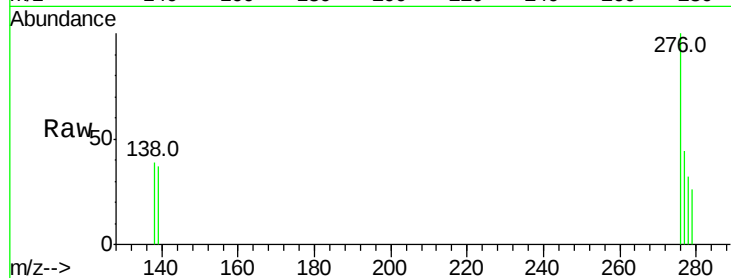
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.318 ng/ul m
 RT: 26.64 min Scan# 4352
 Delta R.T. 0.01 min
 Lab File: BE094372.D
 Acq: 15 Oct 2017 1:32

Instrument :
 BNA_E
 ClientSampleId :
 C0AB5

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#

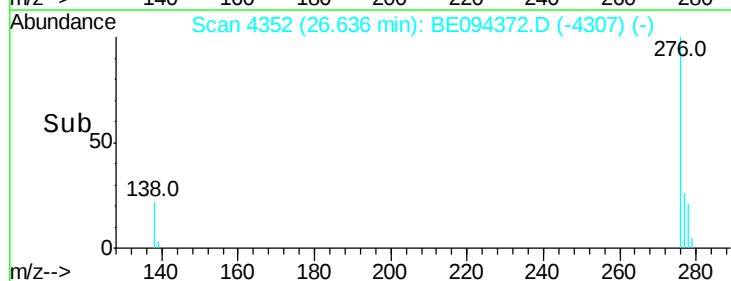
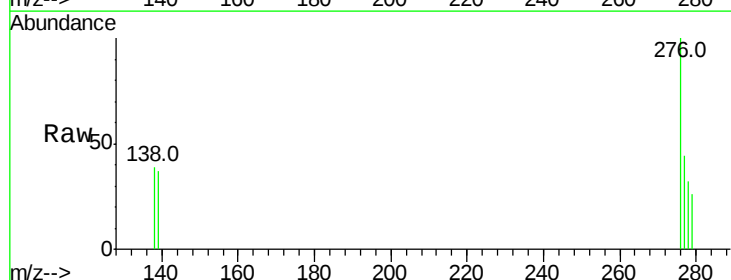
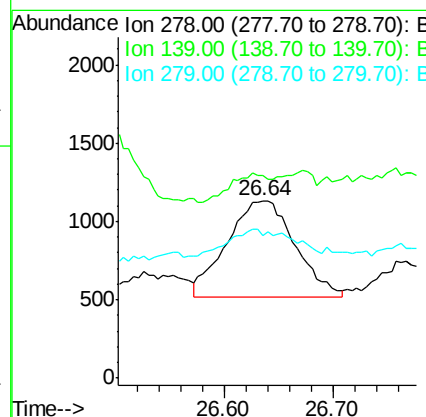
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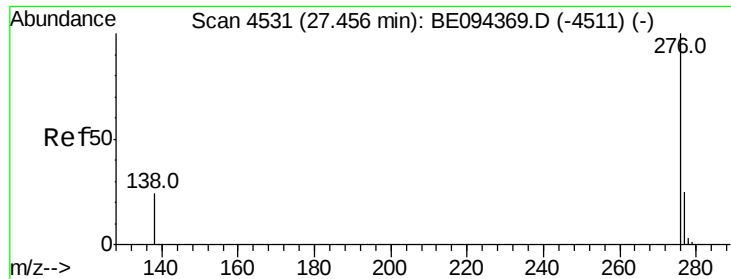
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/ul m
 RT: 26.64 min Scan# 4352
 Delta R.T. 0.00 min
 Lab File: BE094372.D
 Acq: 15 Oct 2017 1:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	114.4	17.4	26.0#
279	80.3	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.298 ng/ul m

RT: 27.47 min Scan# 4536

Delta R.T. 0.02 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

ClientSampleId :

C0AB5

Tot Ion: 276 Resp: 7458

Ion Ratio Lower Upper

276 100

138 44.0 21.8 32.8#

277 49.1 20.5 30.7#

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