

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094626.D
 Acq On : 28 Oct 2017 17:08
 Operator : SJ/JU
 Sample : I5842-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
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Quant Time: Oct 30 04:10:17 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1552	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5029	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10838	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10300	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10793m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3452	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8688	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	4836	0.169	ng/ul#	91
13) Anthracene	17.38	178	1100	0.039	ng/ul#	70
15) Fluoranthene	19.31	202	14329	0.433	ng/ul	84
17) Pyrene	19.67	202	17445	0.548	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	6902	0.234	ng/ul#	89
19) Chrysene	21.46	228	10229	0.336	ng/ul#	87
21) Benzo(b)fluoranthene	23.19	252	15960m	0.526	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	4991m	0.153	ng/ul	
23) Benzo(a)pyrene	23.85	252	7909m	0.261	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	5755m	0.183	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	1318m	0.050	ng/ul	
26) Benzo(g,h,i)perylene	27.51	276	4656m	0.185	ng/ul	

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

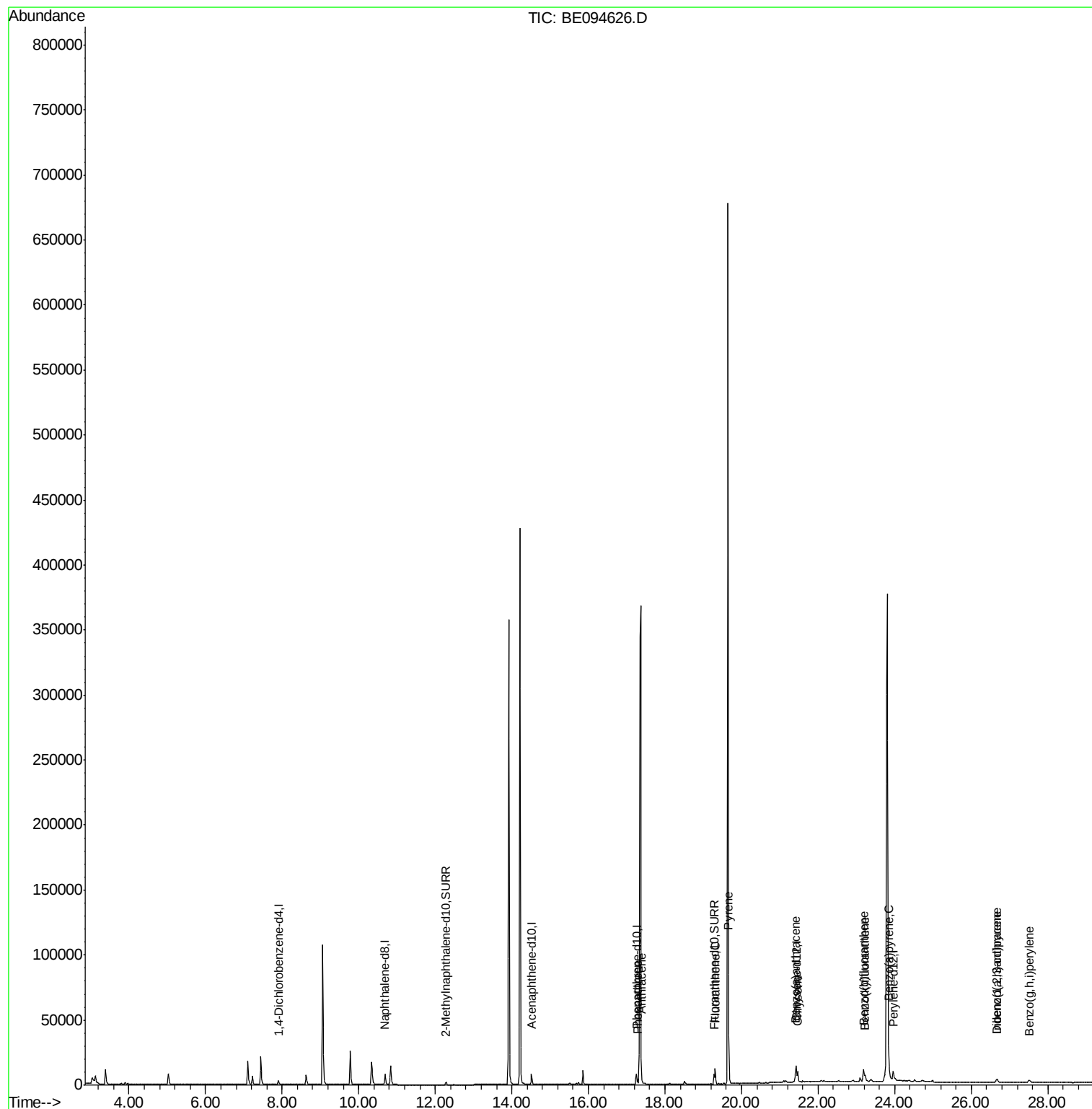
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

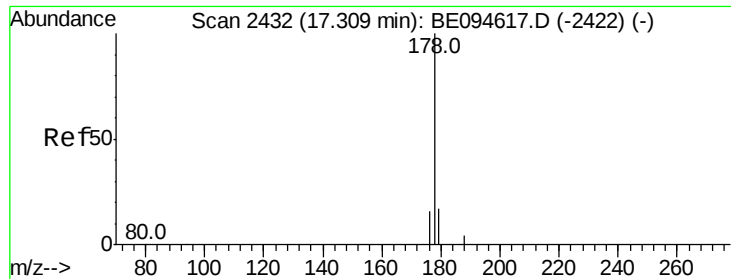
Instrument :
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C0AB8

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#12

Phenanthrene

Concen: 0.169 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

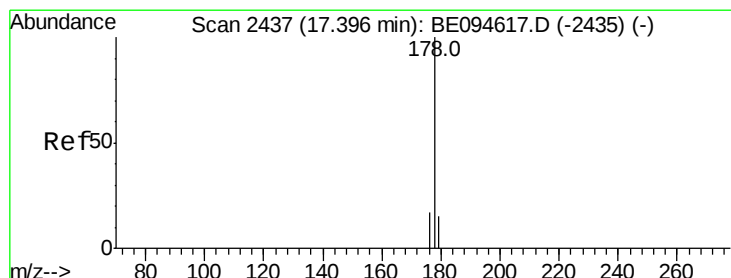
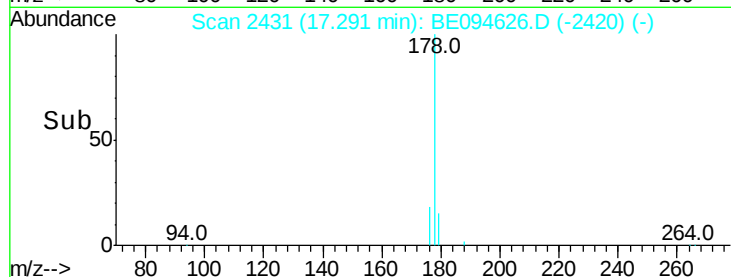
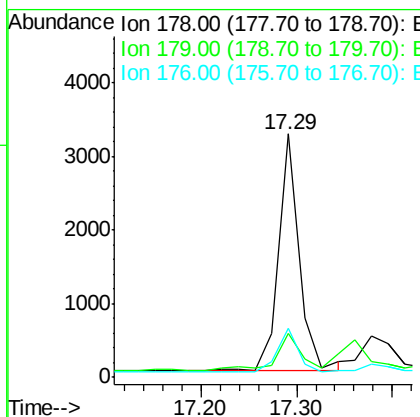
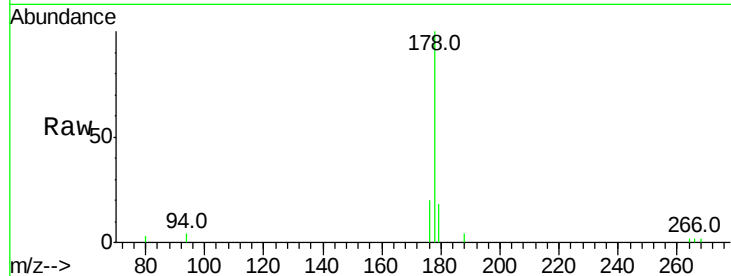
ClientSampleId :

C0AB8

Tot Ion:178	Resp:	4836
Ion Ratio	Lower	Upper
178	100	
179	17.9	18.4 27.6#
176	20.0	13.6 20.4

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#13

Anthracene

Concen: 0.039 ng/ul

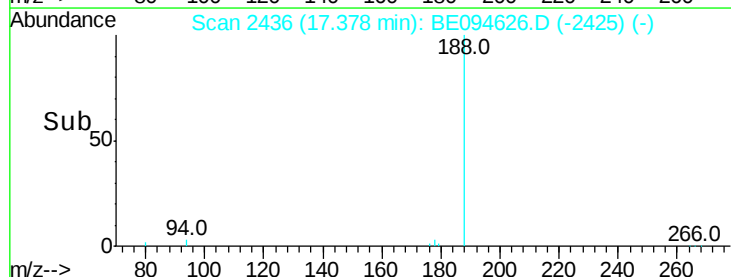
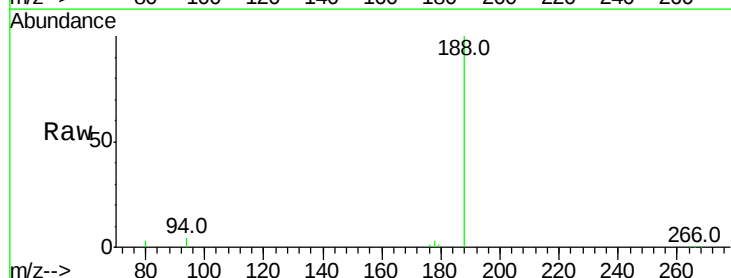
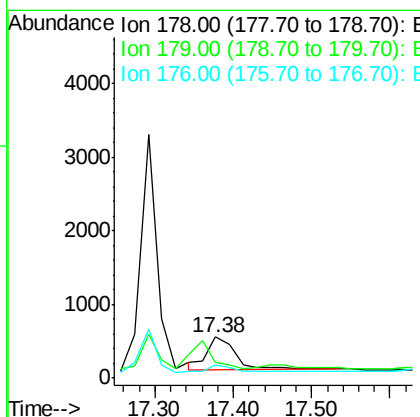
RT: 17.38 min Scan# 2436

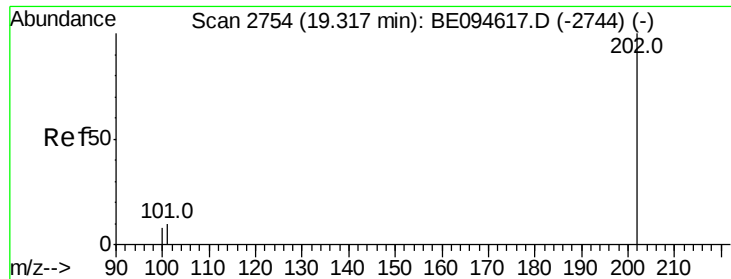
Delta R.T. -0.02 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Tgt Ion:178	Resp:	1100
Ion Ratio	Lower	Upper
178	100	
179	37.4	18.1 27.1#
176	31.1	14.7 22.1#





#15

Fluoranthene

Concen: 0.433 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

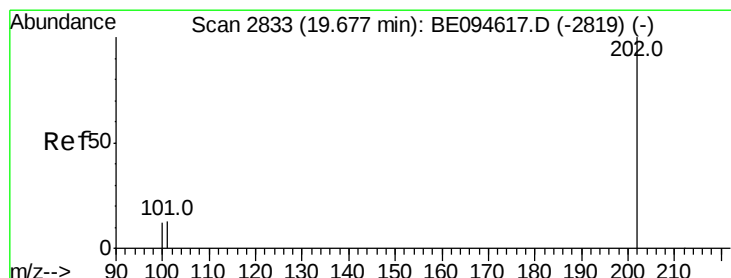
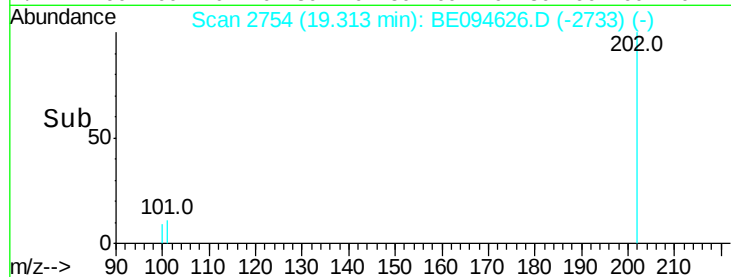
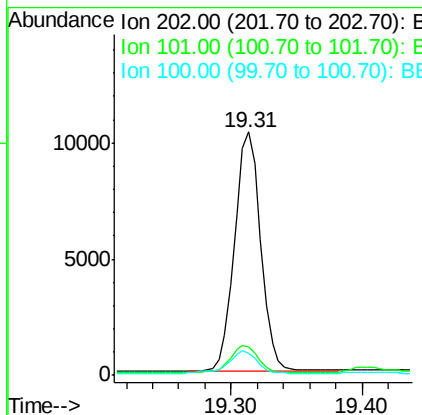
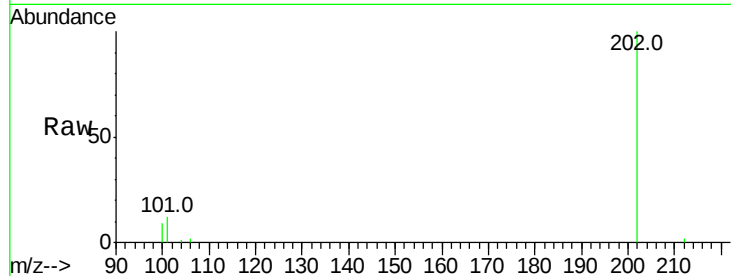
ClientSampleId :

C0AB8

Tot Ion:	202	Resp:	14329
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.3
100	9.3	0.0	39.5

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#17

Pyrene

Concen: 0.548 ng/ul

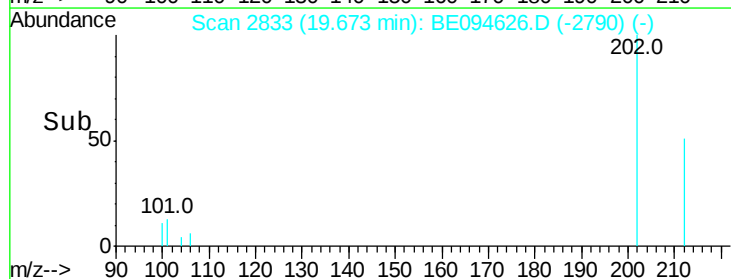
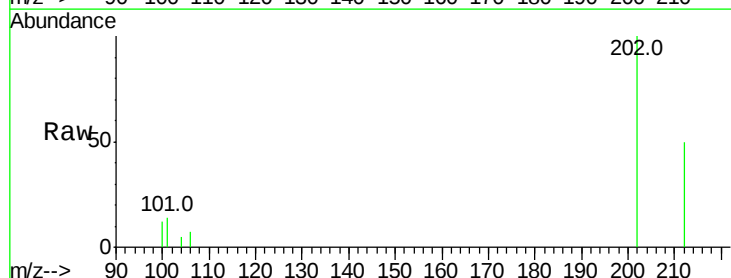
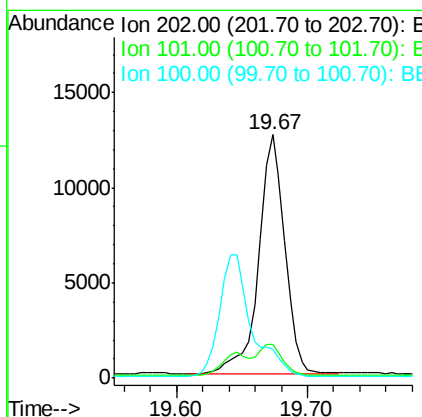
RT: 19.67 min Scan# 2833

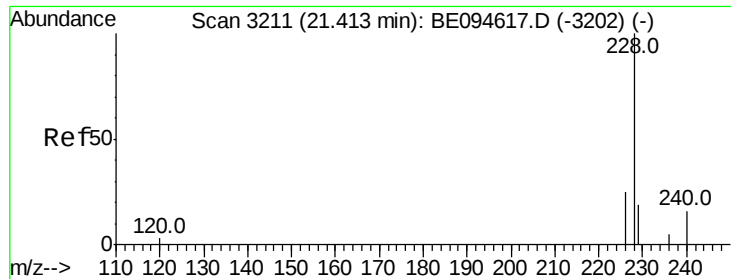
Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Tgt Ion:	202	Resp:	17445
Ion Ratio	Lower	Upper	
202	100		
101	14.1	18.2	27.4#
100	11.7	15.6	23.4#





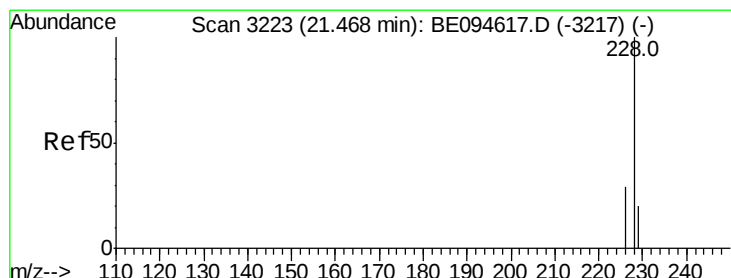
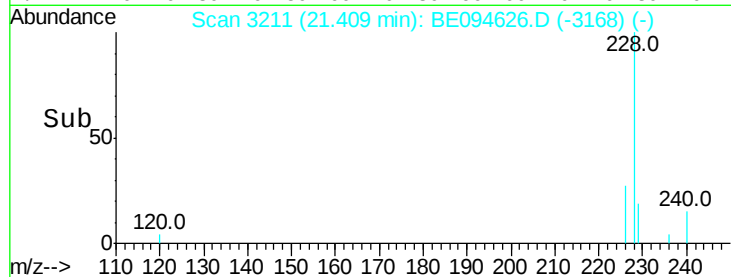
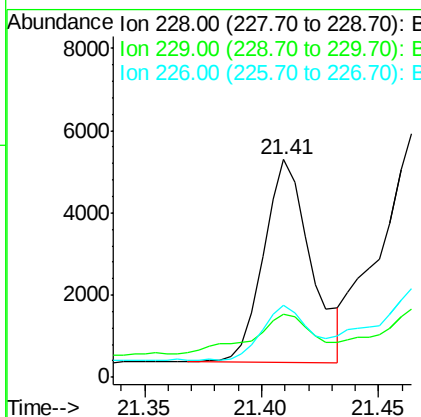
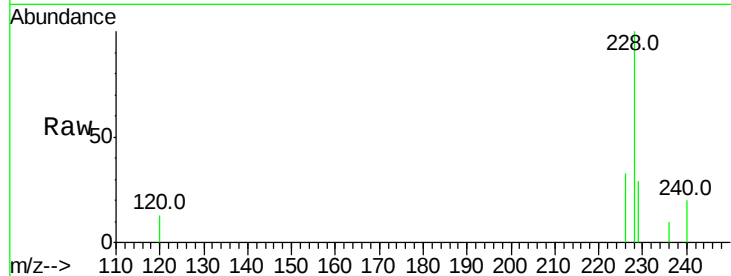
#18
Benzo(a)anthracene
Concen: 0.234 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094626.D
Acq: 28 Oct 2017 17:08

Instrument :
BNA_E
ClientSampleId :
C0AB8

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.1	22.8	34.2
226	32.9	17.0	25.6#

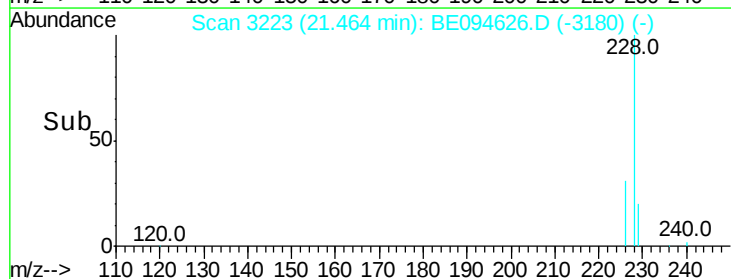
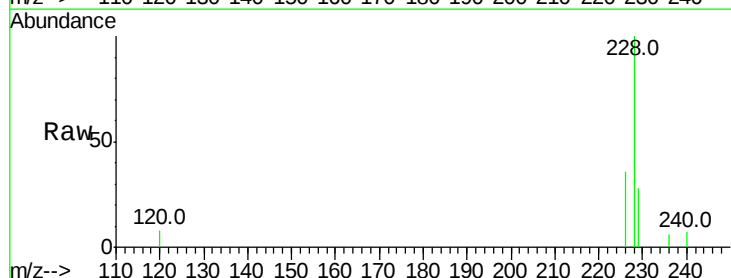
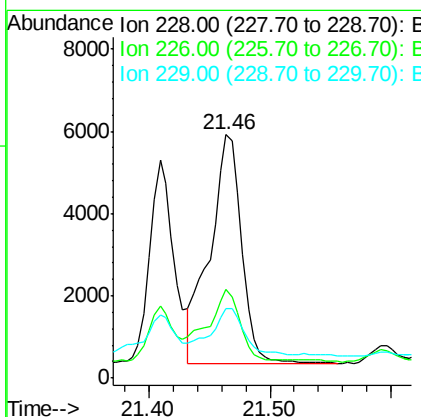
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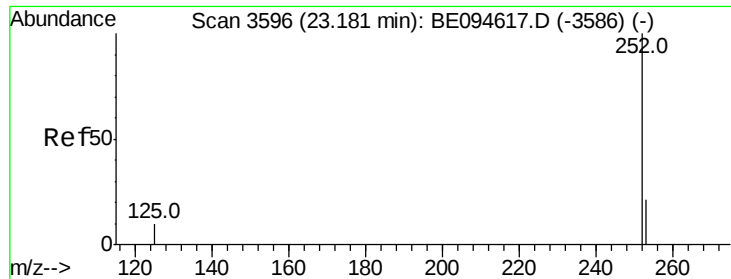
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#19
Chrysene
Concen: 0.336 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094626.D
Acq: 28 Oct 2017 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.2	23.4	35.0#
229	28.3	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.526 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. 0.01 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

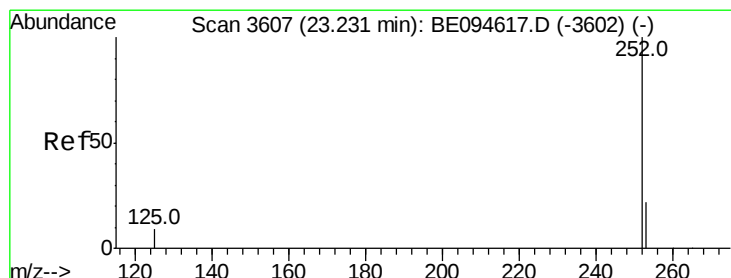
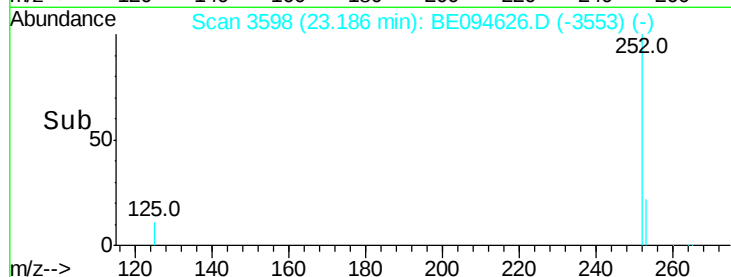
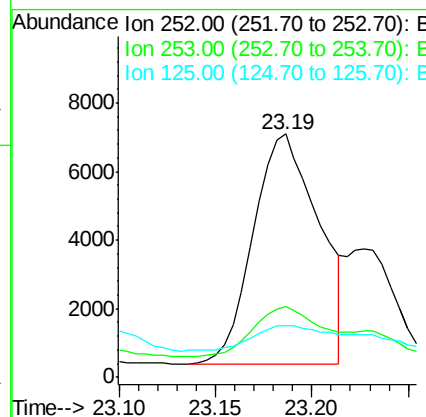
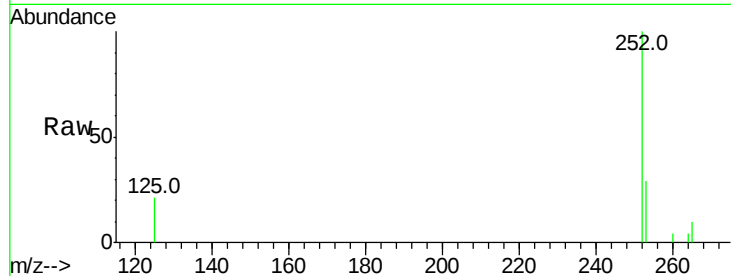
ClientSampleId :

C0AB8

Tot Ion:	252	Resp:	15960
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	64.2
125	21.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.153 ng/ul m

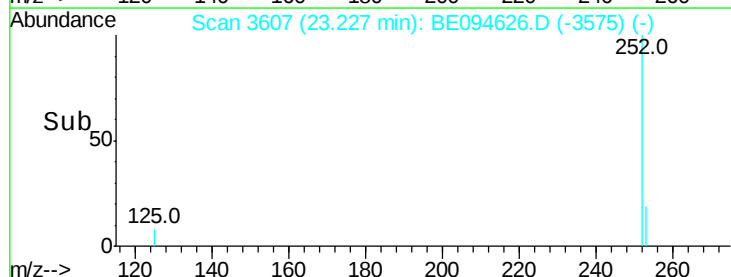
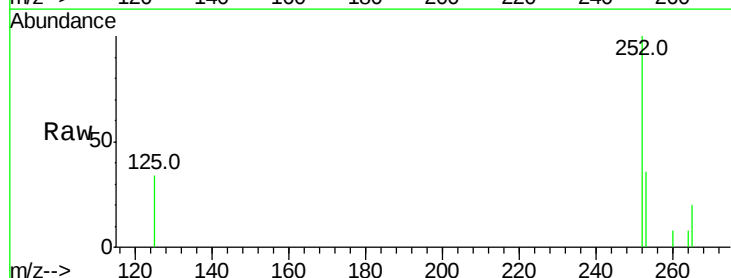
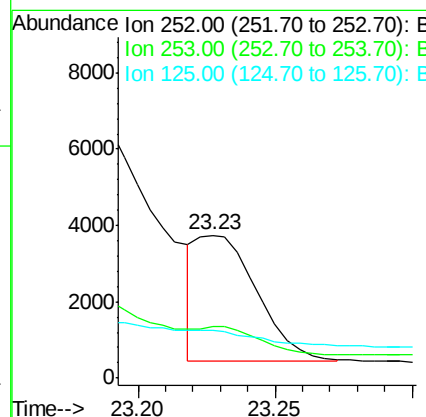
RT: 23.23 min Scan# 3607

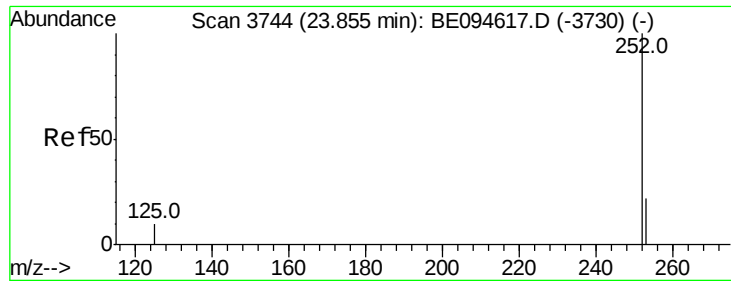
Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Tgt Ion:	252	Resp:	4991
Ion Ratio	Lower	Upper	
252	100		
253	36.4	24.5	36.7
125	33.5	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.261 ng/ul m

RT: 23.85 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Instrument :

BNA_E

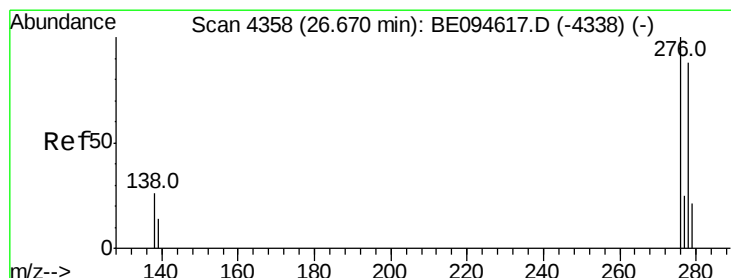
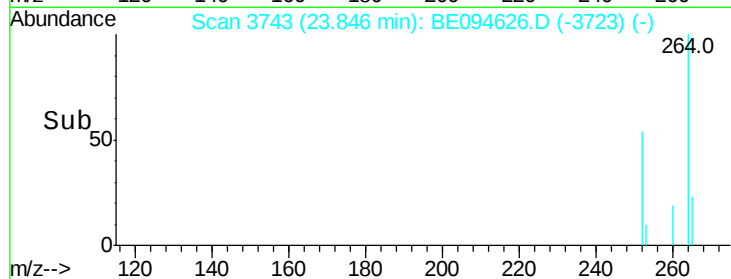
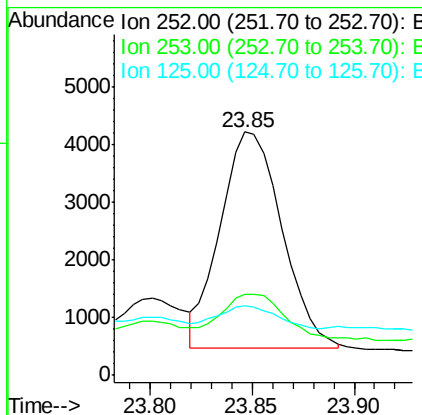
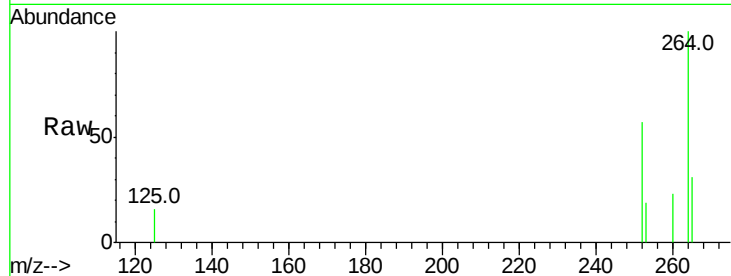
ClientSampled :

C0AB8

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	28.5	42.7
125	28.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.183 ng/ul m

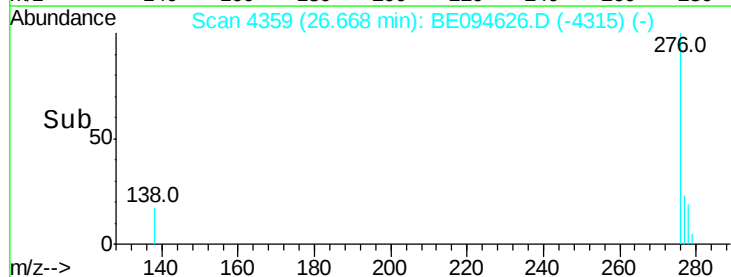
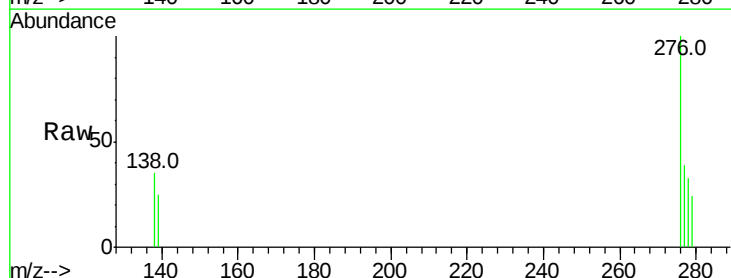
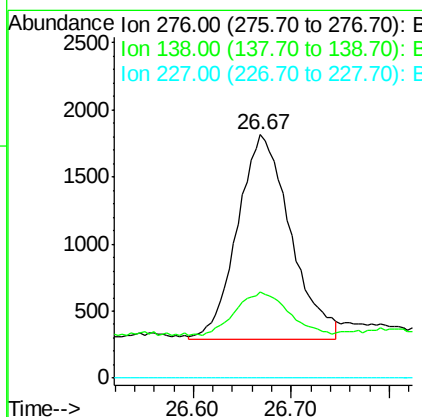
RT: 26.67 min Scan# 4359

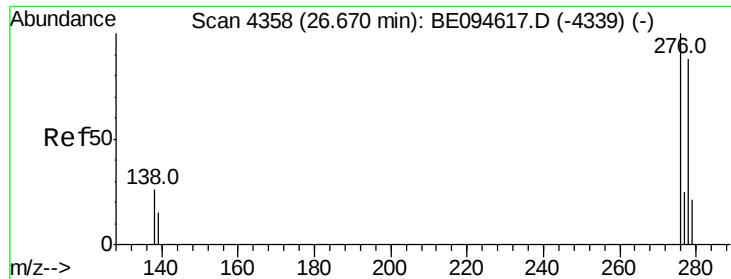
Delta R.T. -0.00 min

Lab File: BE094626.D

Acq: 28 Oct 2017 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.0	28.0	42.0#
227	0.0	8.0	12.0#





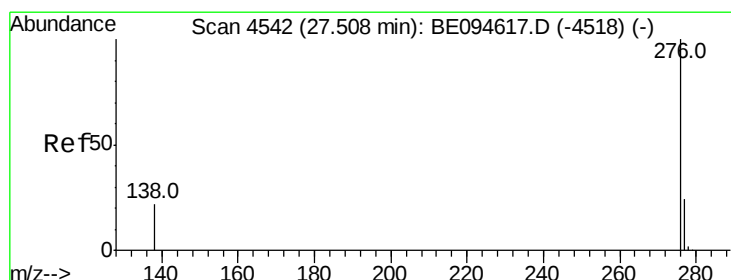
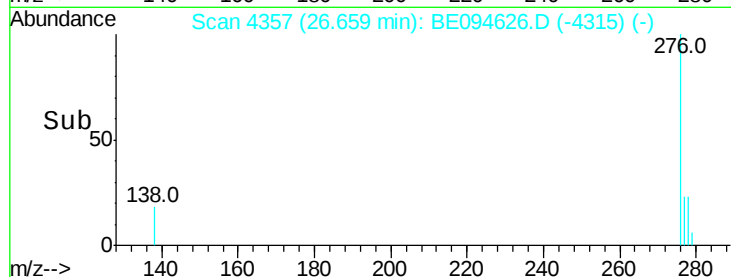
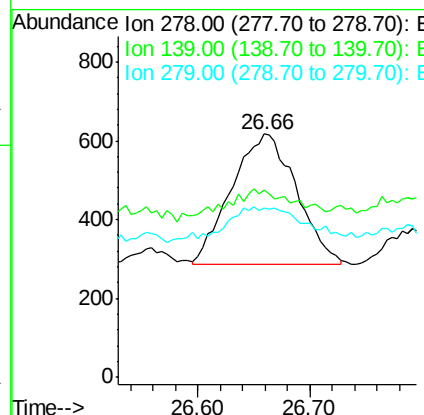
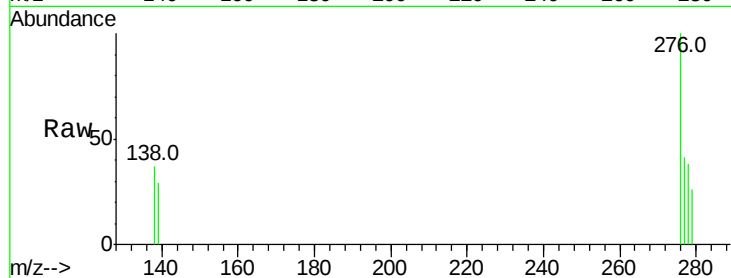
#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul m
RT: 26.66 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BE094626.D
Acq: 28 Oct 2017 17:08

Instrument :
BNA_E
ClientSampleId :
C0AB8

Tot Ion	Ratio	Lower	Upper
278	100		
139	76.7	17.4	26.0#
279	69.3	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.185 ng/ul m
RT: 27.51 min Scan# 4544
Delta R.T. 0.00 min
Lab File: BE094626.D
Acq: 28 Oct 2017 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.9	21.8	32.8#
277	45.1	20.5	30.7#

