

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094365.D
 Acq On : 14 Oct 2017 21:13
 Operator : SJ/JU
 Sample : I5490-08DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-40(5-7)-092717DL

Manual Integrations
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Quant Time: Oct 15 02:24:43 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 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1339	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	7292	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10113	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10513	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	10330	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	775	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2264	0.07	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	6130	0.232	ng/ul#	88
13) Anthracene	17.38	178	1273	0.050	ng/ul#	81
15) Fluoranthene	19.31	202	14154	0.408	ng/ul	84
17) Pyrene	19.67	202	14435	0.493	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	7816	0.280	ng/ul#	88
19) Chrysene	21.46	228	8449	0.262	ng/ul#	86
21) Benzo(b)fluoranthene	23.17	252	11517m	0.410	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	3820m	0.118	ng/ul	
23) Benzo(a)pyrene	23.83	252	7430	0.255	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.62	276	5726	0.192	ng/ul#	76
26) Benzo(g,h,i)perylene	27.46	276	5238	0.204	ng/ul#	72

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

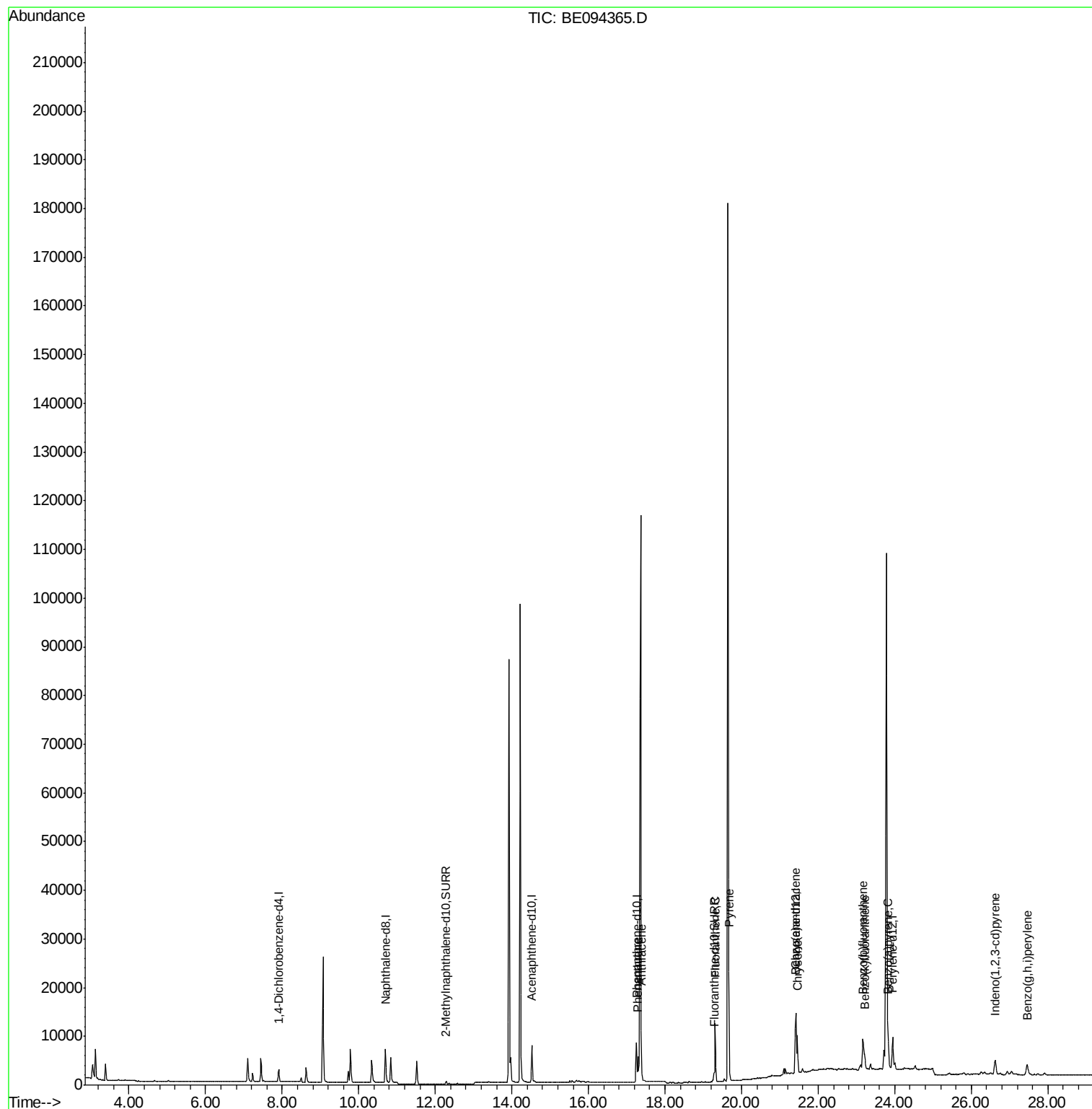
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094365.D
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ALS Vial : 13 Sample Multiplier: 1

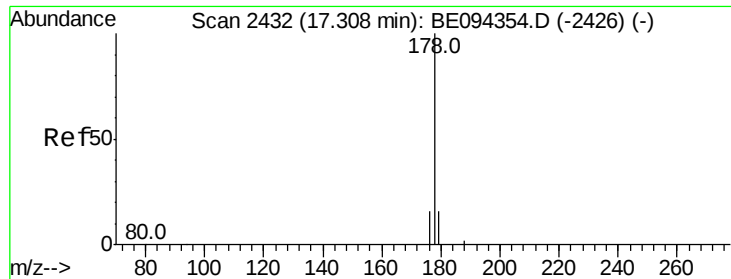
Instrument :
BNA_E
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B-40(5-7)-092717DL

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#12

Phenanthrene

Concen: 0.232 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

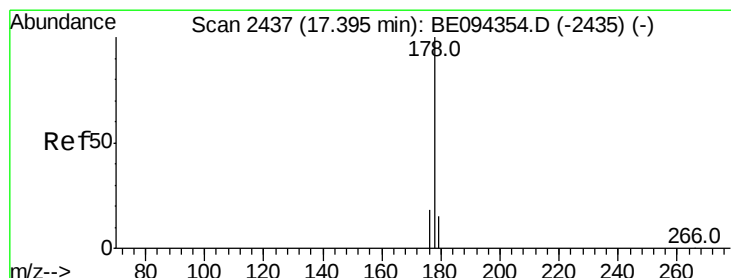
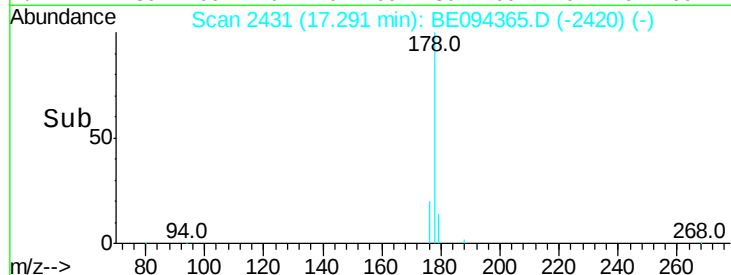
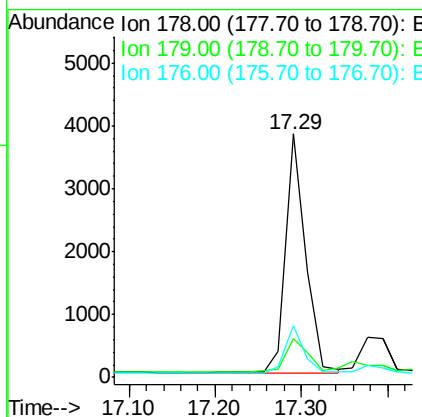
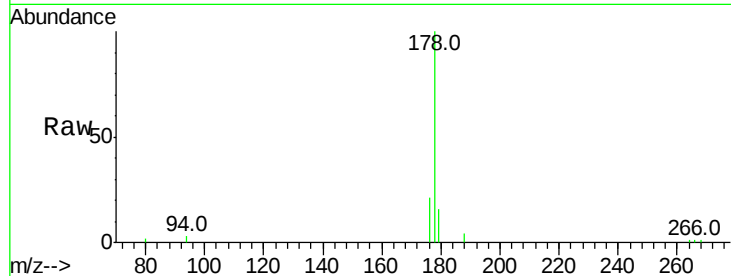
B-40(5-7)-092717DL

Tot Ion:178 Resp: 6130

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	21.1	13.6	20.4#

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#13

Anthracene

Concen: 0.050 ng/ul

RT: 17.38 min Scan# 2436

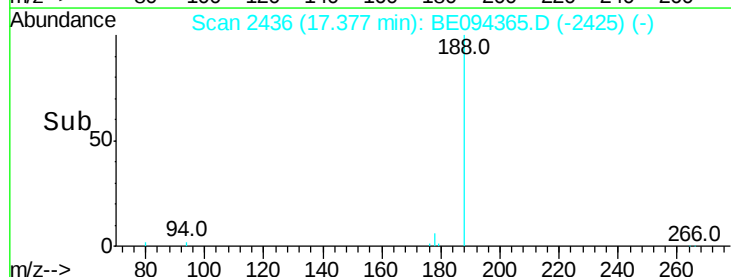
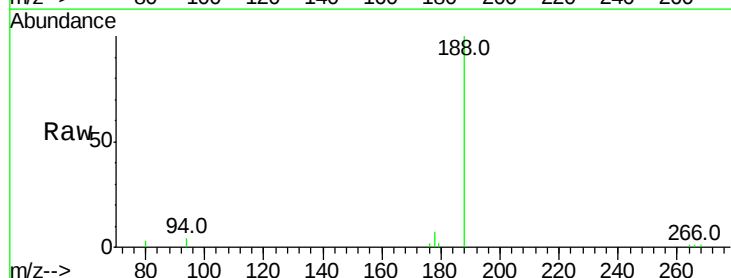
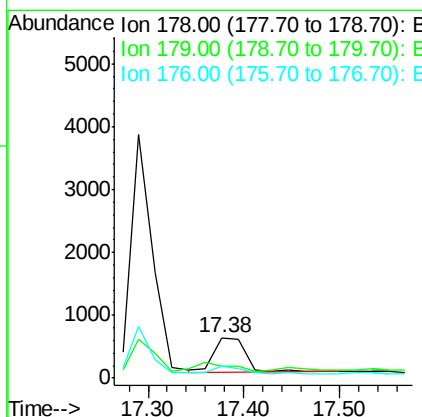
Delta R.T. -0.02 min

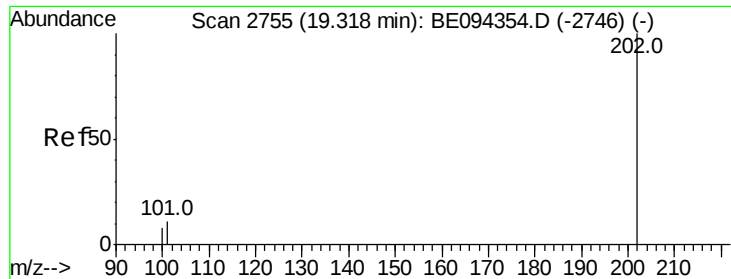
Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Tgt Ion:178 Resp: 1273

Ion	Ratio	Lower	Upper
178	100		
179	29.9	18.1	27.1#
176	29.4	14.7	22.1#





#15

Fluoranthene

Concen: 0.408 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

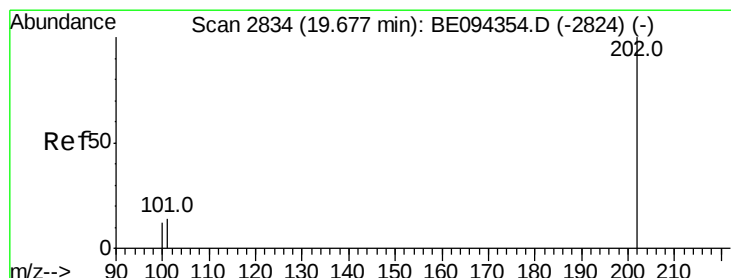
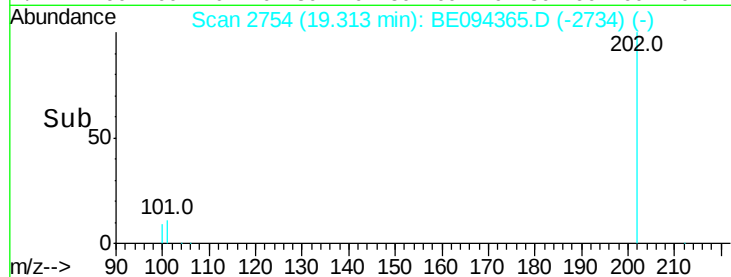
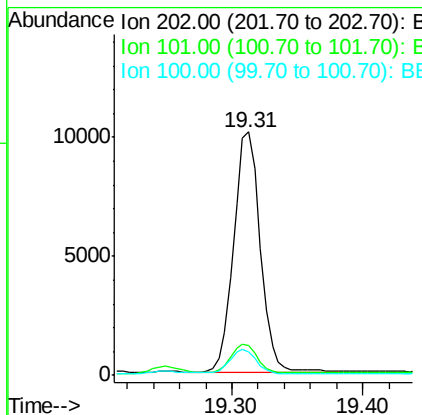
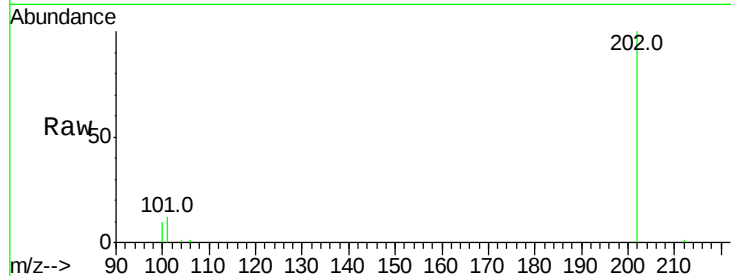
ClientSampleId :

B-40(5-7)-092717DL

Tot Ion:	202	Resp:	14154
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.3
100	9.7	0.0	39.5

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#17

Pyrene

Concen: 0.493 ng/ul

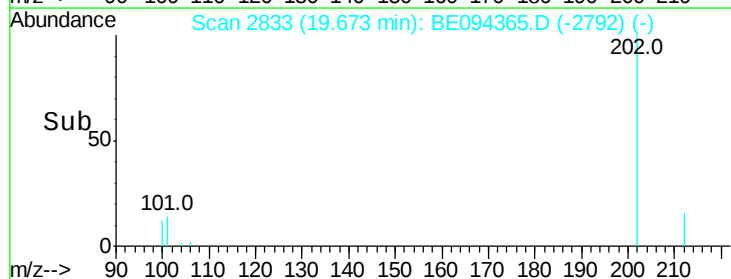
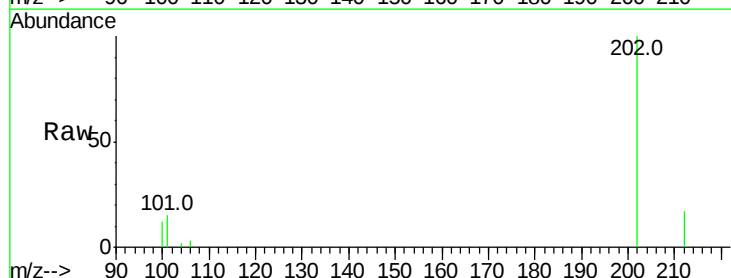
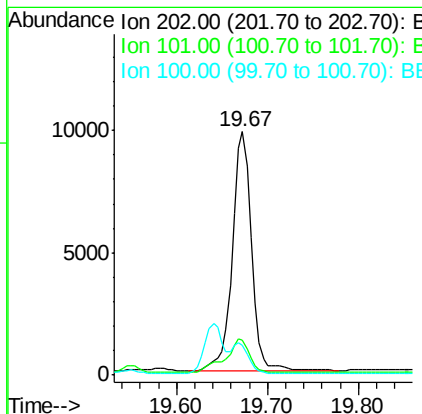
RT: 19.67 min Scan# 2833

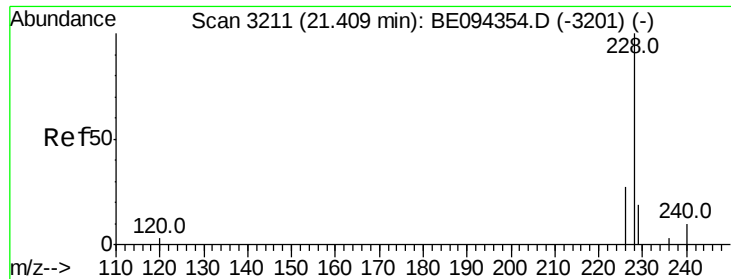
Delta R.T. -0.01 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Tgt Ion:	202	Resp:	14435
Ion Ratio	Lower	Upper	
202	100		
101	14.5	18.2	27.4#
100	12.2	15.6	23.4#





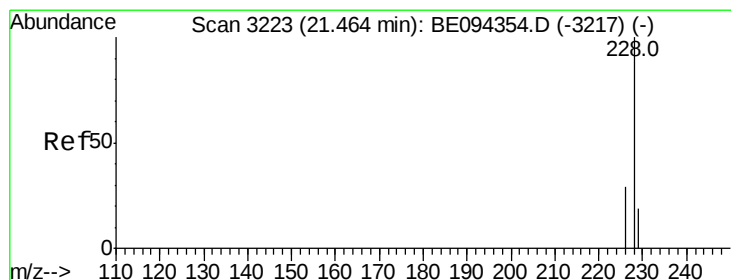
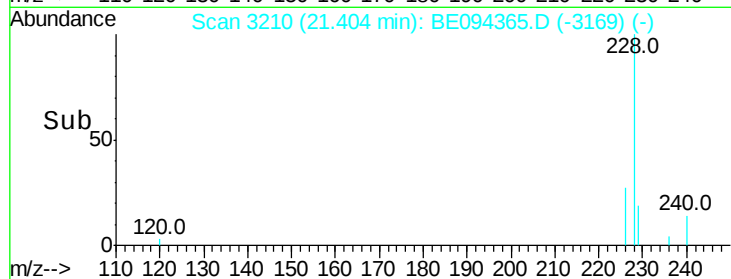
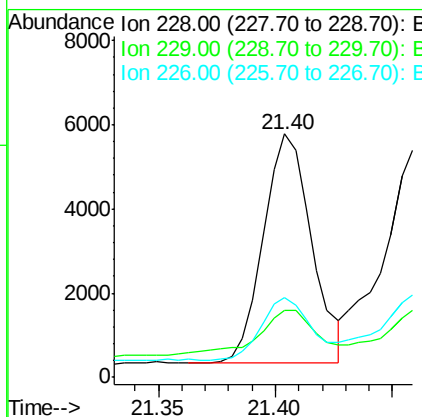
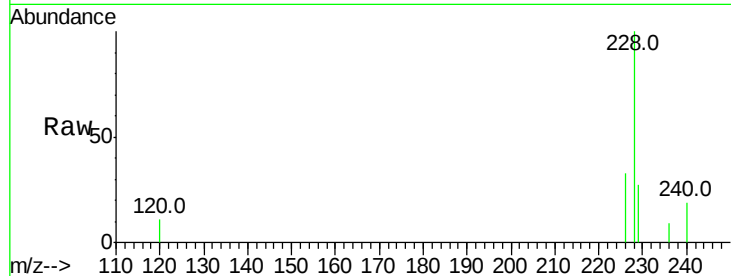
#18
Benzo(a)anthracene
Concen: 0.280 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094365.D
Acq: 14 Oct 2017 21:13

Instrument :
BNA_E
ClientSampleId :
B-40(5-7)-092717DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.4	22.8	34.2
226	32.9	17.0	25.6#

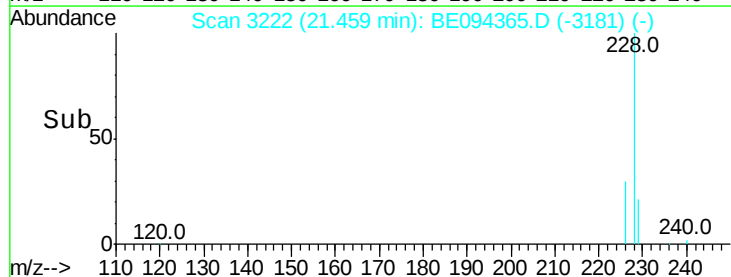
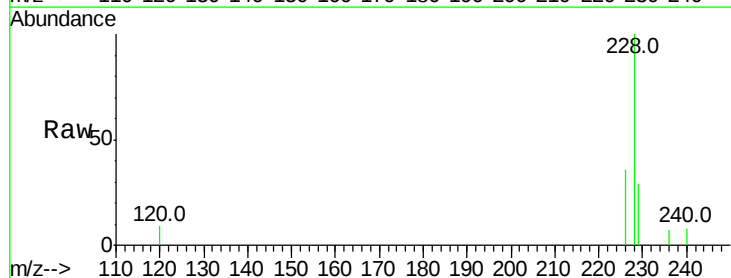
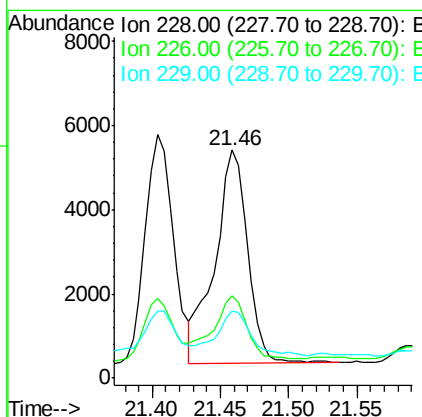
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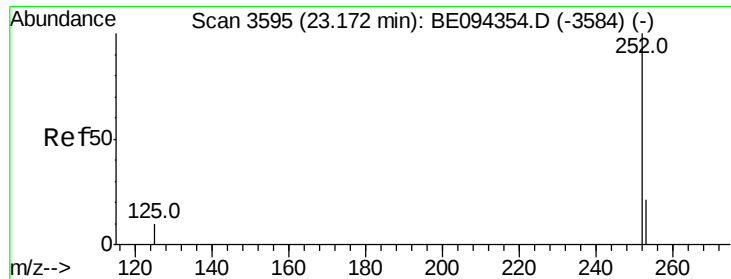
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#19
Chrysene
Concen: 0.262 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094365.D
Acq: 14 Oct 2017 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.1	23.4	35.0#
229	29.5	17.7	26.5#





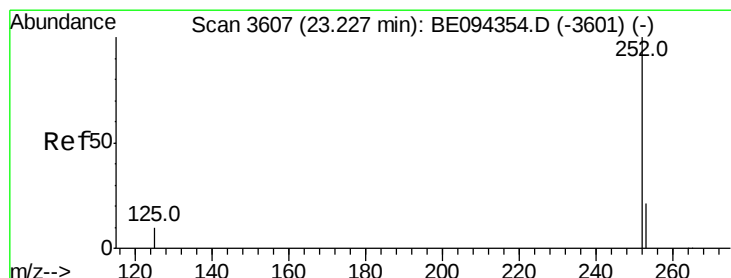
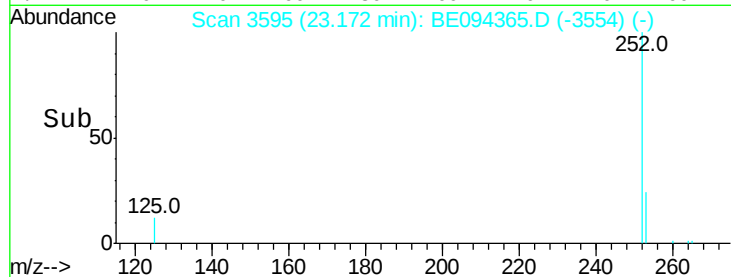
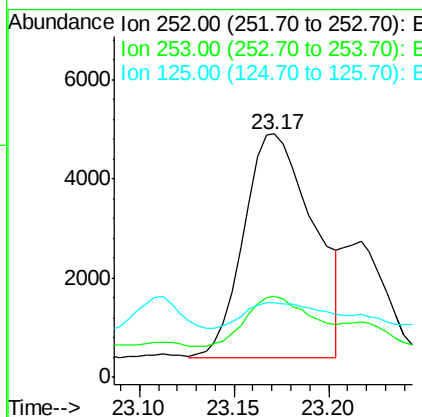
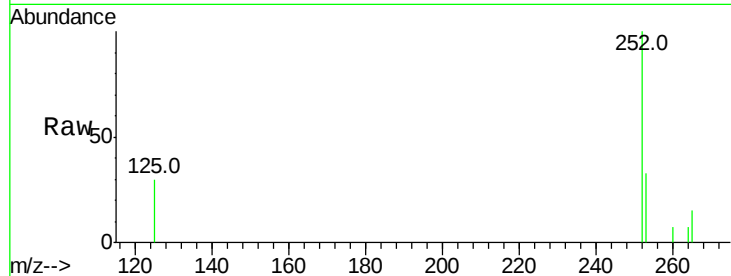
#21
Benzo(b)fluoranthene
Concen: 0.410 ng/ul m
RT: 23.17 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BE094365.D
Acq: 14 Oct 2017 21:13

Instrument :
BNA_E
ClientSampleId :
B-40(5-7)-092717DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	11517		
253	33.3	0.0	64.2	
125	30.4	0.0	35.0	

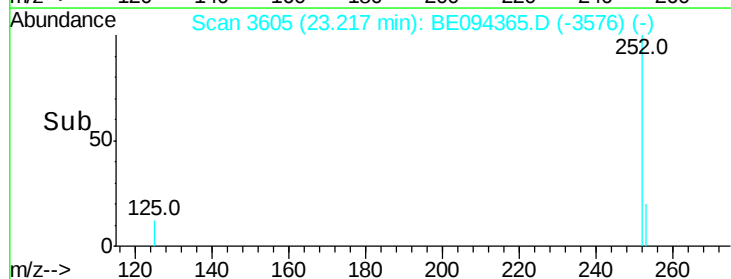
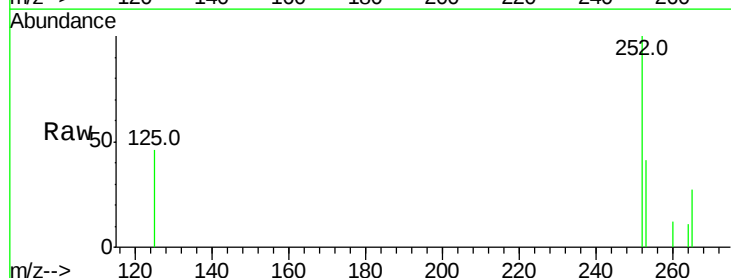
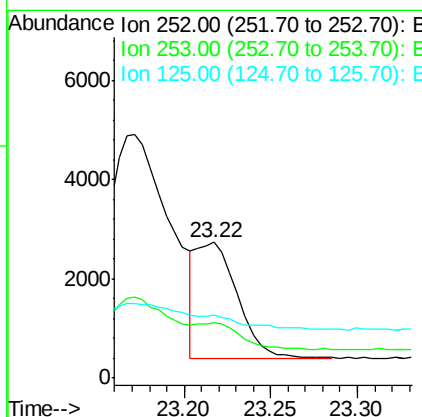
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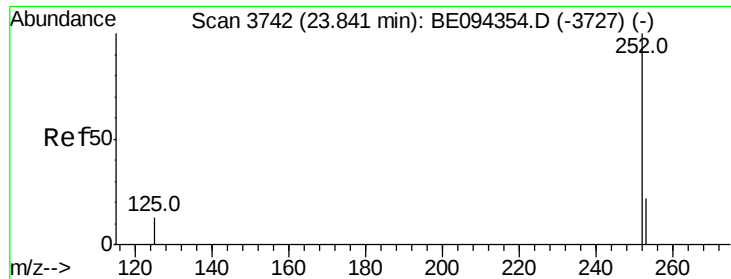
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#22
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.02 min
Lab File: BE094365.D
Acq: 14 Oct 2017 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3820		
253	41.0	24.5	36.7#	
125	46.1	13.7	20.5#	





#23

Benzo(a)pyrene

Concen: 0.255 ng/ul

RT: 23.83 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

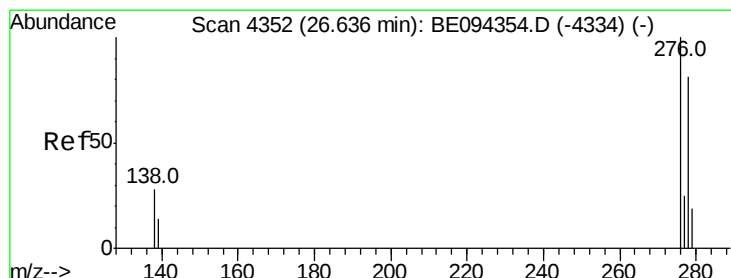
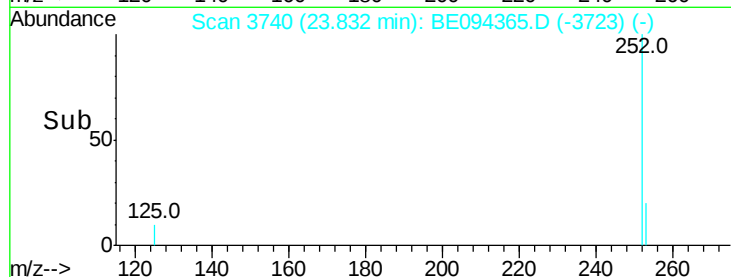
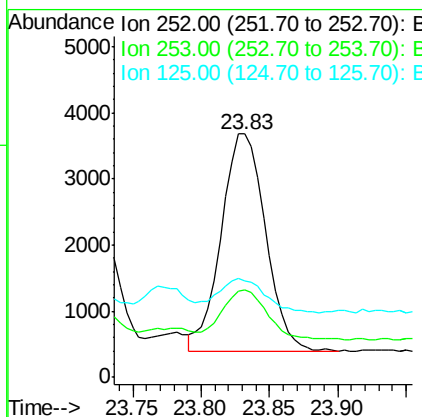
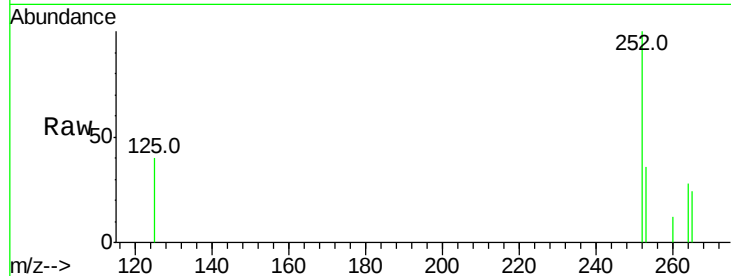
ClientSampleId :

B-40(5-7)-092717DL

Tot Ion:	252	Resp:	7430
Ion Ratio	Lower	Upper	
252	100		
253	35.7	28.5	42.7
125	39.6	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.192 ng/ul

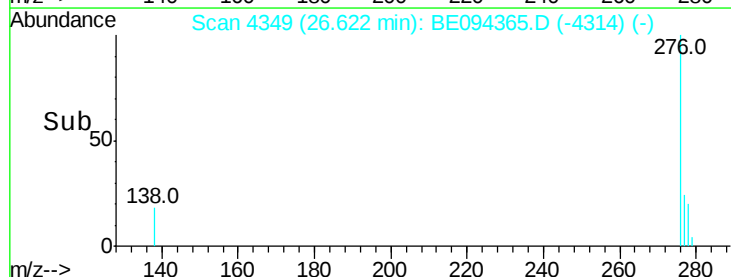
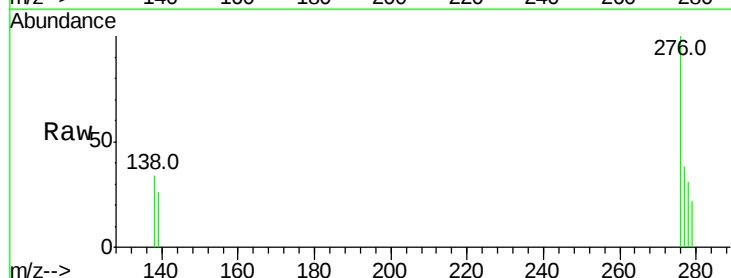
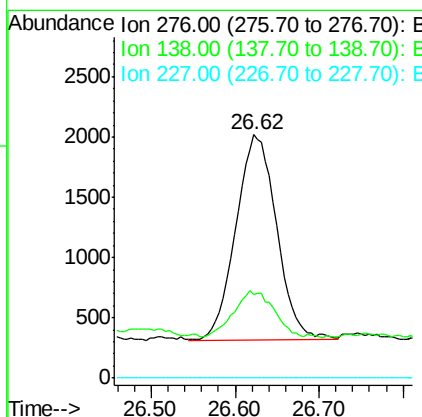
RT: 26.62 min Scan# 4349

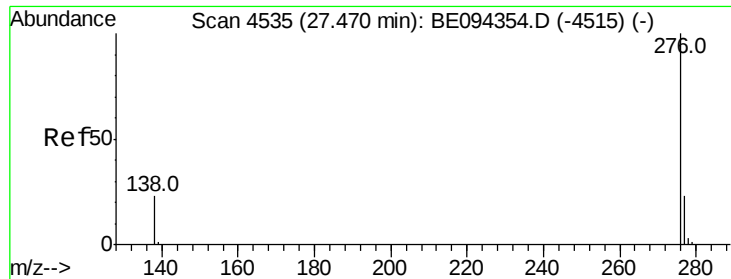
Delta R.T. -0.04 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Tgt Ion:	276	Resp:	5726
Ion Ratio	Lower	Upper	
276	100		
138	21.7	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.204 ng/ul

RT: 27.46 min Scan# 4532

Delta R.T. -0.04 min

Lab File: BE094365.D

Acq: 14 Oct 2017 21:13

Instrument :

BNA_E

ClientSampleId :

B-40(5-7)-092717DL

Tot Ion: 276 Resp: 5238

Ion Ratio Lower Upper

276 100

138 40.1 21.8 32.8#

277 41.6 20.5 30.7#

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