

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094228.D
 Acq On : 9 Oct 2017 19:36
 Operator : SJ/JU
 Sample : I5522-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:24:16 AM

Quant Time: Oct 10 17:15:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 09:18:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2437	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12863	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7487	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	16816	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	16464	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15260m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1636	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8837	0.16	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	3260	0.074	ng/ul	96
15) Fluoranthene	19.30	202	12293	0.213	ng/ul	84
17) Pyrene	19.66	202	12327	0.269	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	6108	0.140	ng/ul#	90
19) Chrysene	21.45	228	8212	0.163	ng/ul#	90
21) Benzo(b)fluoranthene	23.15	252	11752m	0.283	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	3671m	0.077	ng/ul	
23) Benzo(a)pyrene	23.81	252	6918m	0.161	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	5129m	0.116	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	5102m	0.134	ng/ul	

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

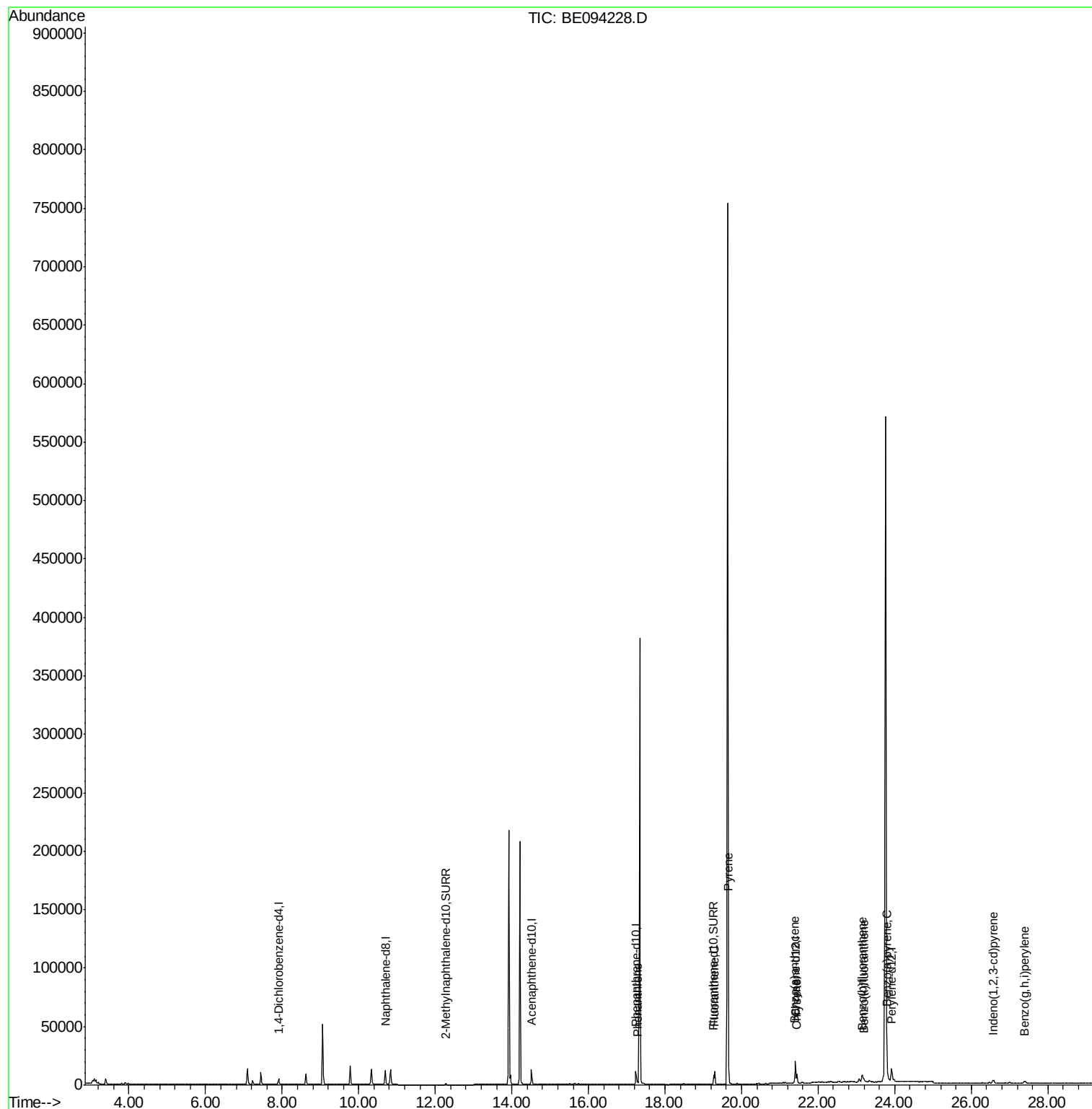
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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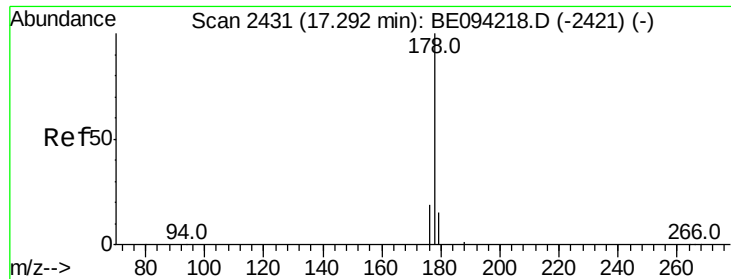
Instrument :
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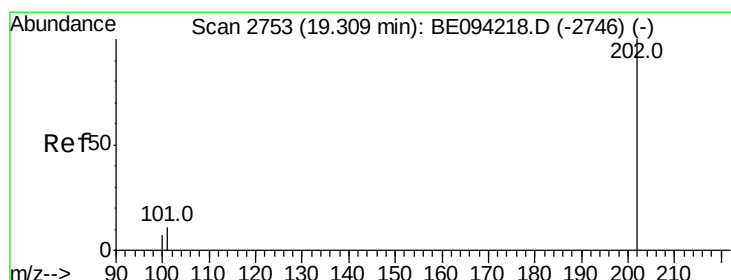
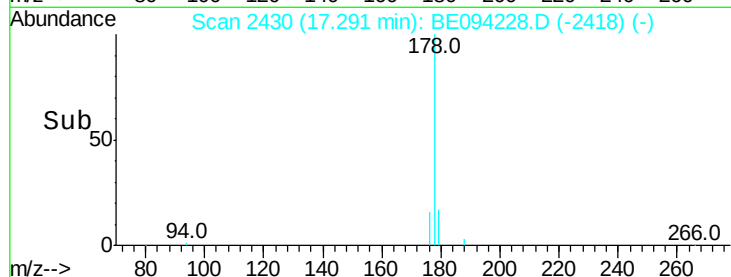
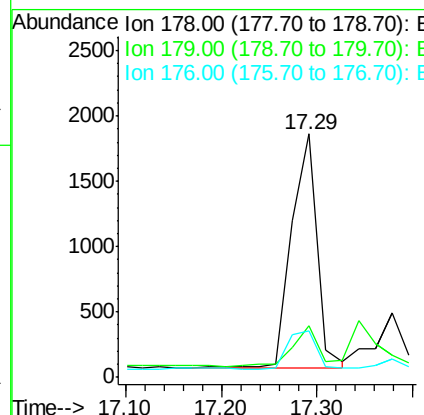
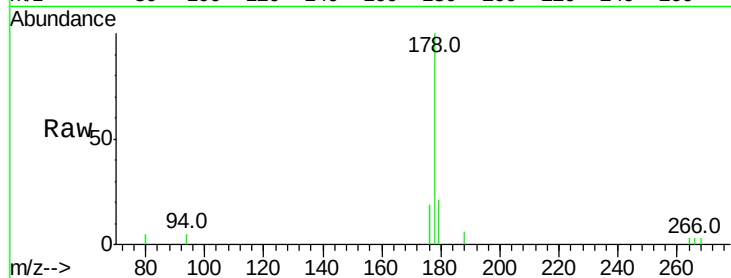
#12
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BE094228.D
Acq: 9 Oct 2017 19:36

Instrument :
BNA_E
ClientSampleId :
C0AD8

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.4	18.4	27.6
176	19.0	13.6	20.4

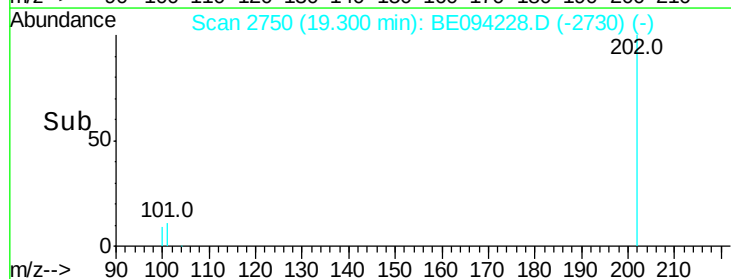
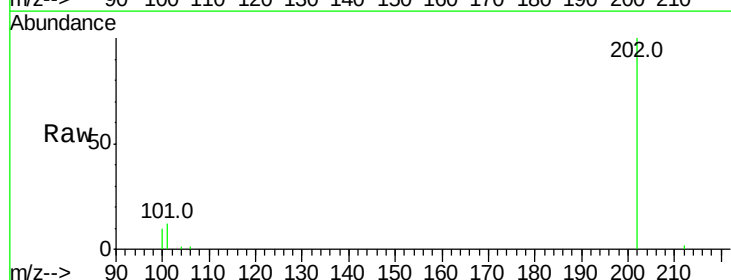
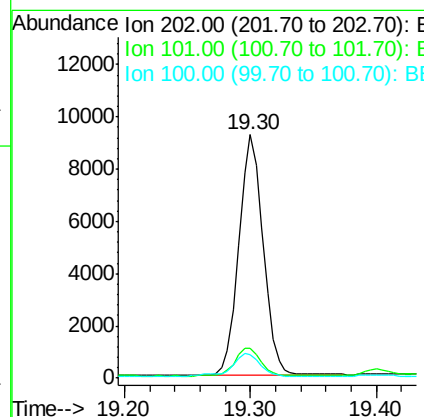
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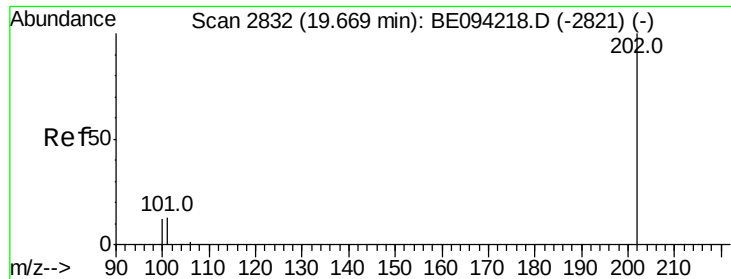
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#15
Fluoranthene
Concen: 0.213 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BE094228.D
Acq: 9 Oct 2017 19:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.9	0.0	39.5





#17

Pvrene

Concen: 0.269 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BE094228.D

Acq: 9 Oct 2017 19:36

Instrument :

BNA_E

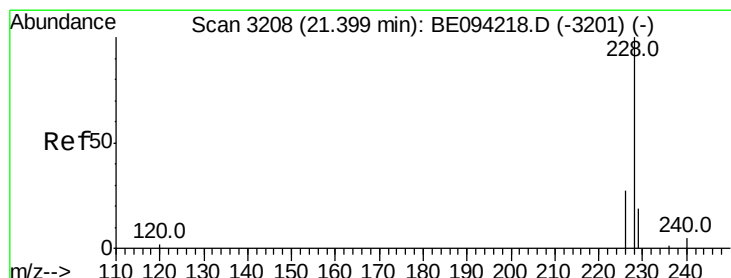
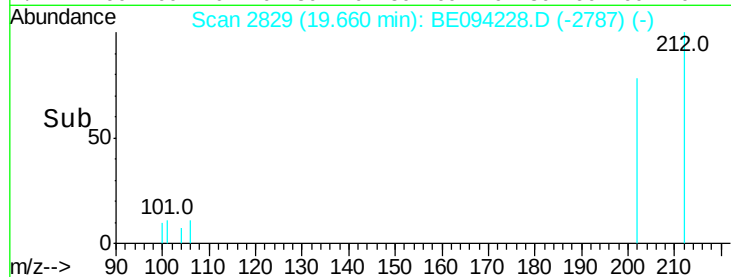
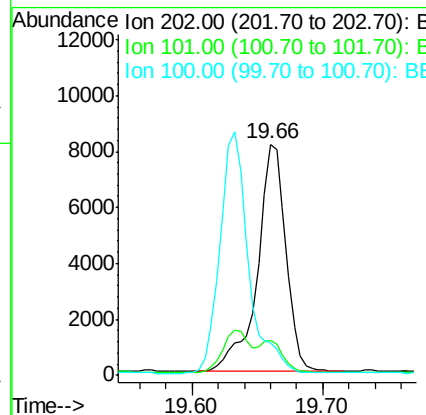
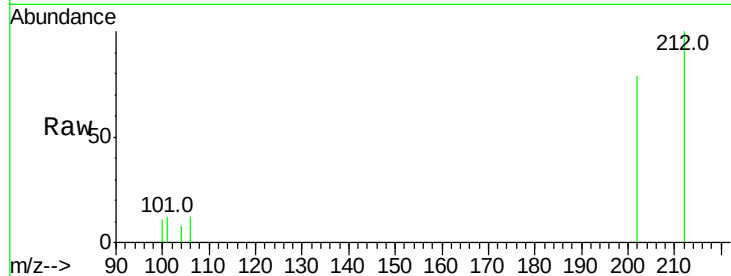
ClientSampled :

C0AD8

Tot Ion:	202	Resp:	12327
Ion Ratio	Lower	Upper	
202	100		
101	15.1	18.2	27.4#
100	14.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.140 ng/ul

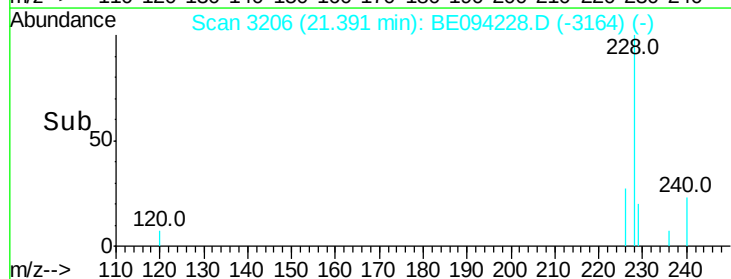
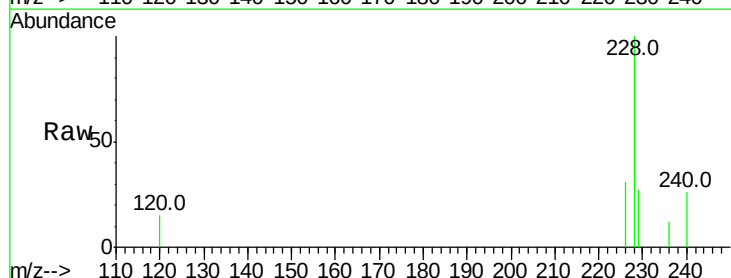
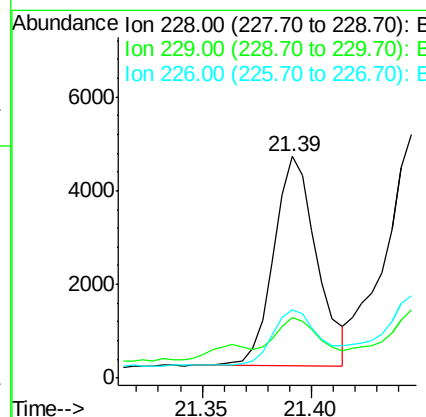
RT: 21.39 min Scan# 3206

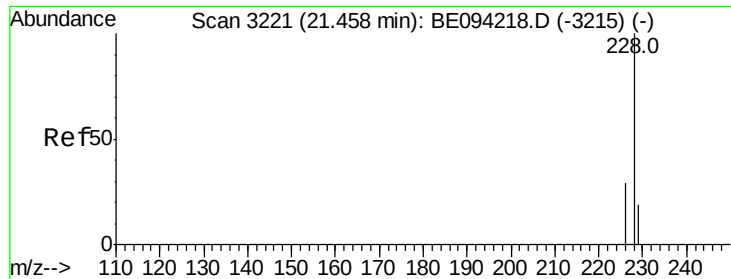
Delta R.T. -0.01 min

Lab File: BE094228.D

Acq: 9 Oct 2017 19:36

Tgt Ion:	228	Resp:	6108
Ion Ratio	Lower	Upper	
228	100		
229	27.1	22.8	34.2
226	31.1	17.0	25.6#





#19

Chrysene

Concen: 0.163 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE094228.D

Acq: 9 Oct 2017 19:36

Instrument :

BNA_E

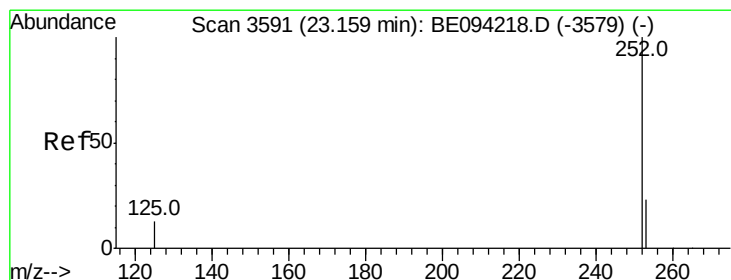
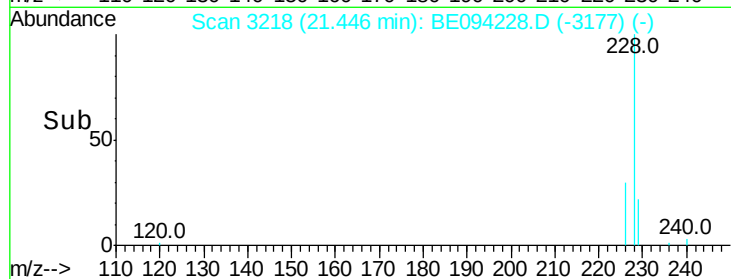
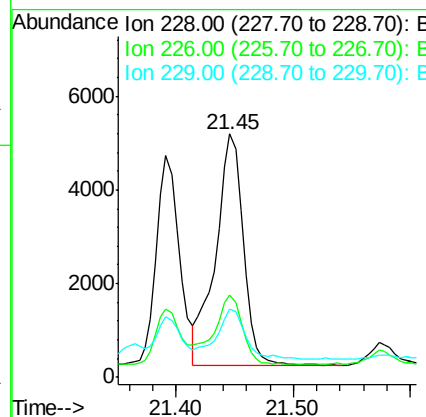
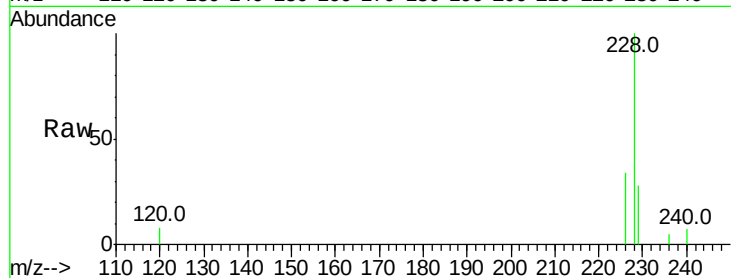
ClientSampled :

C0AD8

Tot Ion:228	Resp:	8212
Ion Ratio	Lower	Upper
228 100		
226 33.7	23.4	35.0
229 27.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.283 ng/ul m

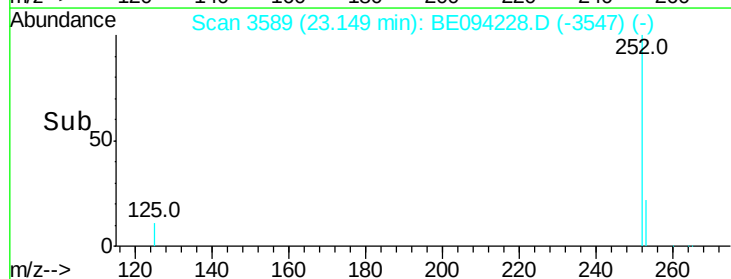
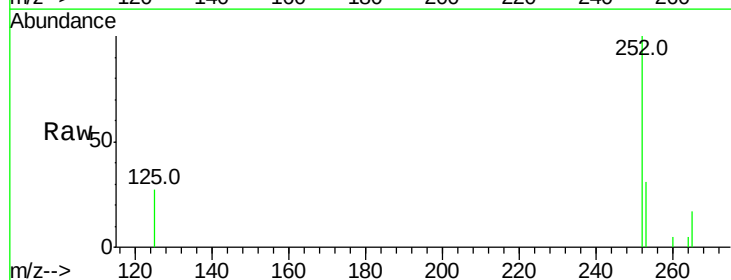
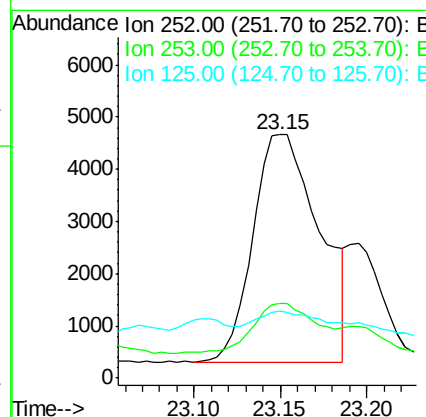
RT: 23.15 min Scan# 3589

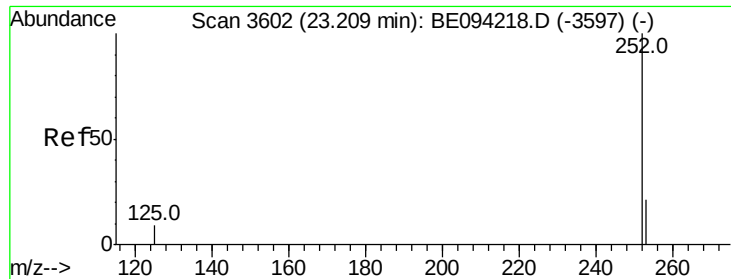
Delta R.T. -0.01 min

Lab File: BE094228.D

Acq: 9 Oct 2017 19:36

Tgt Ion:252	Resp:	11752
Ion Ratio	Lower	Upper
252 100		
253 30.6	0.0	64.2
125 27.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.077 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.01 min

Lab File: BE094228.D

Acq: 9 Oct 2017 19:36

Instrument :

BNA_E

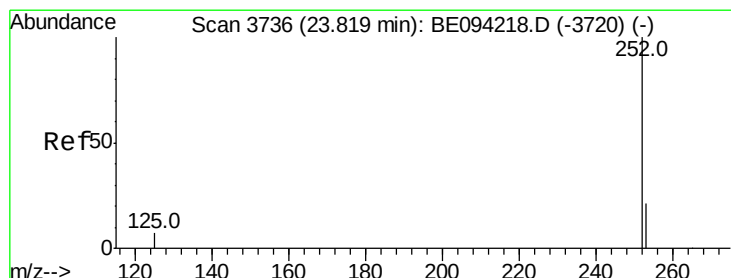
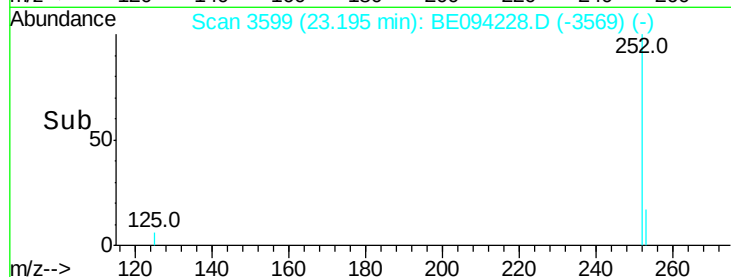
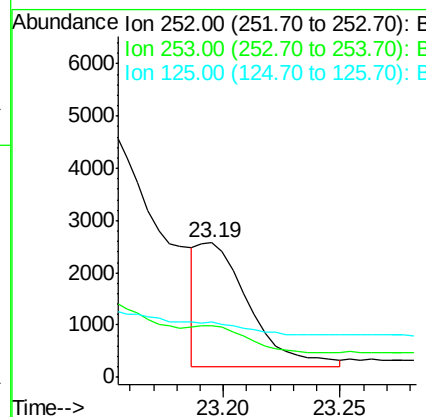
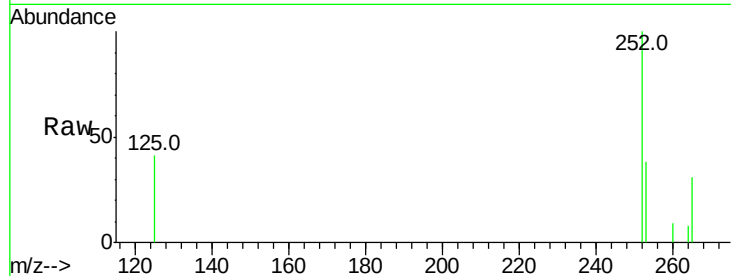
ClientSampleId :

C0AD8

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.5	24.5	36.7#
125	41.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.161 ng/ul m

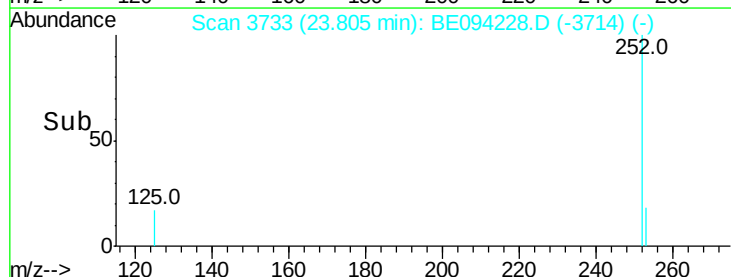
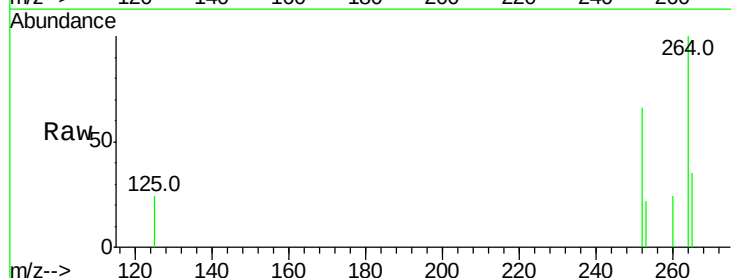
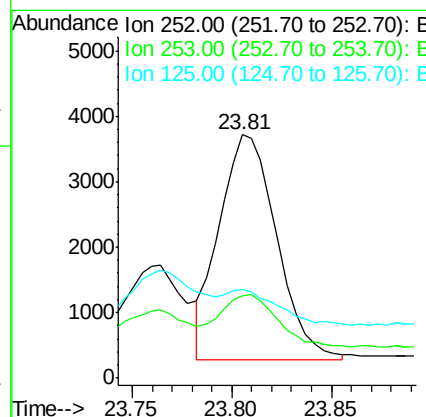
RT: 23.81 min Scan# 3733

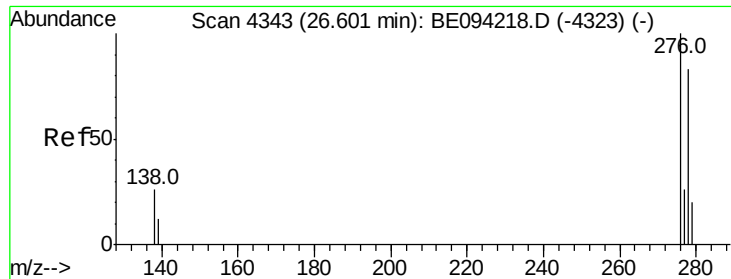
Delta R.T. -0.01 min

Lab File: BE094228.D

Acq: 9 Oct 2017 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	28.5	42.7
125	36.7	18.1	27.1#





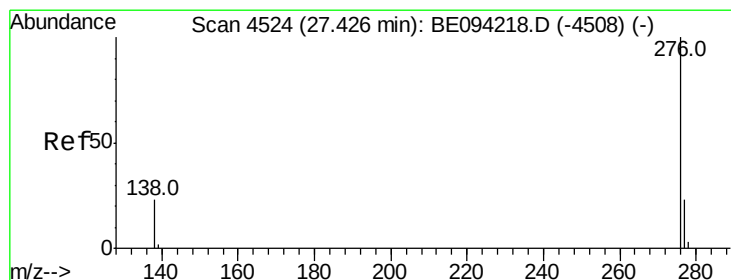
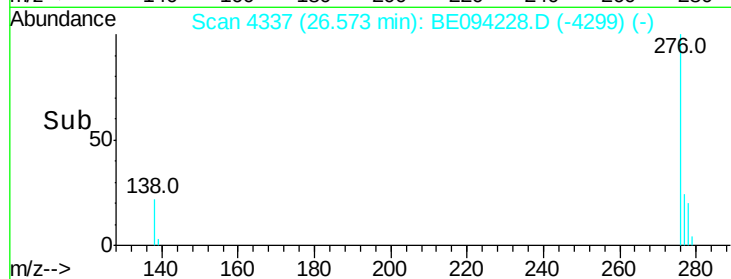
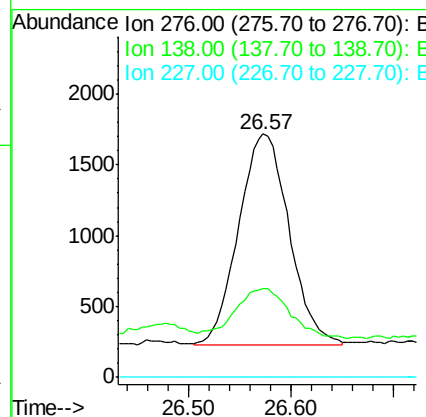
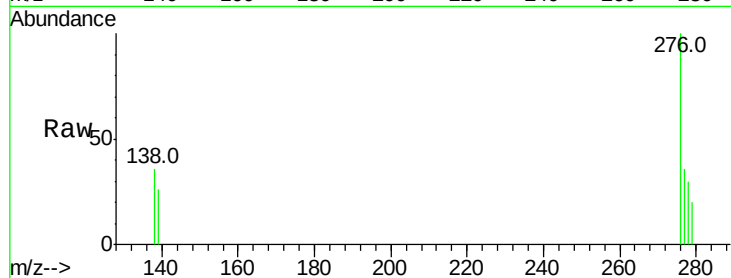
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.116 ng/ul m
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.03 min
 Lab File: BE094228.D
 Acq: 9 Oct 2017 19:36

Instrument :
 BNA_E
 ClientSampleId :
 C0AD8

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.2	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.134 ng/ul m
 RT: 27.40 min Scan# 4519
 Delta R.T. -0.02 min
 Lab File: BE094228.D
 Acq: 9 Oct 2017 19:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.1	21.8	32.8#
277	35.9	20.5	30.7#

