

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094229.D
 Acq On : 9 Oct 2017 20:12
 Operator : SJ/JU
 Sample : I5522-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:24:18 AM

Quant Time: Oct 10 17:20:35 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	2446	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12938	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7498	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	16708	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	16717	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15401m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1184	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	3385	0.06	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.29	178	1950	0.045	ng/ul#	96
15) Fluoranthene	19.30	202	5370	0.094	ng/ul	85
17) Pyrene	19.66	202	5549	0.119	ng/ul#	88
18) Benzo(a)anthracene	21.39	228	4799	0.108	ng/ul#	88
19) Chrysene	21.44	228	6005	0.117	ng/ul#	87
21) Benzo(b)fluoranthene	23.15	252	11327m	0.271	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	4148m	0.086	ng/ul	
23) Benzo(a)pyrene	23.80	252	7912m	0.182	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	5942m	0.134	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	5087m	0.133	ng/ul	

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

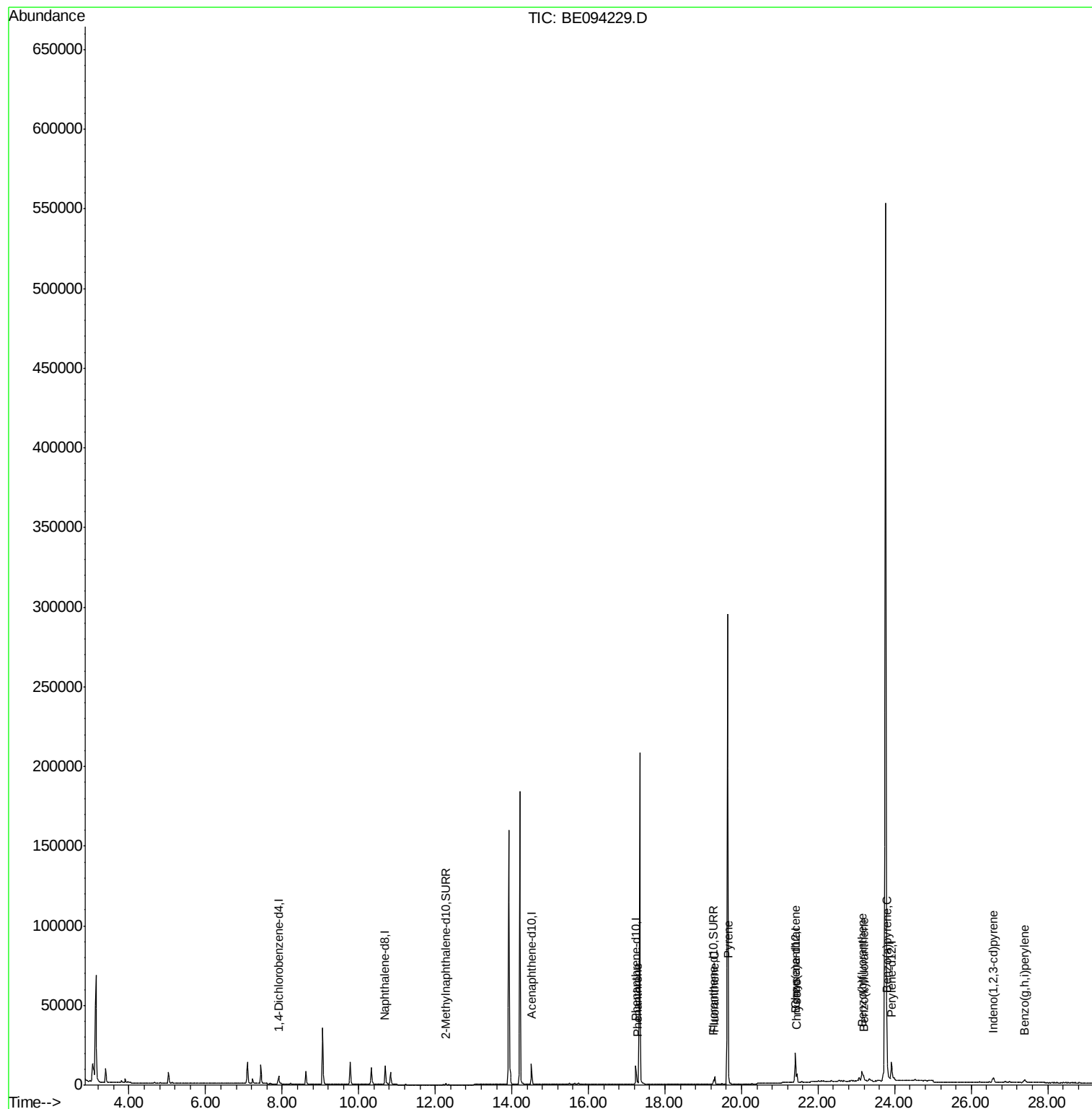
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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ALS Vial : 15 Sample Multiplier: 1

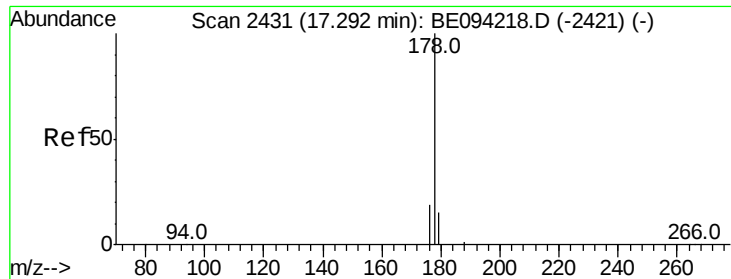
Instrument :
BNA_E
ClientSampleId :
C0AD9

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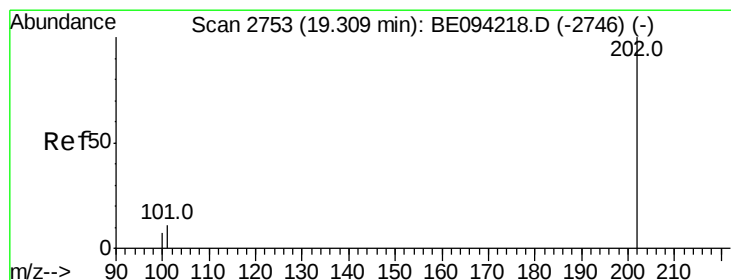
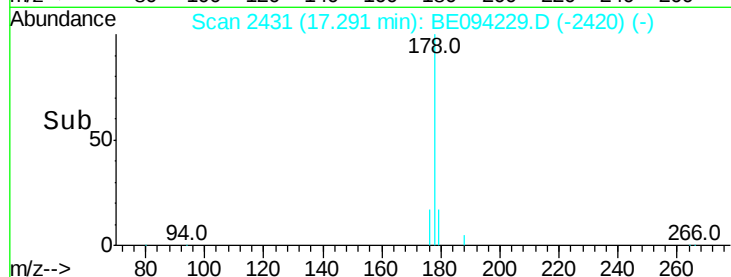
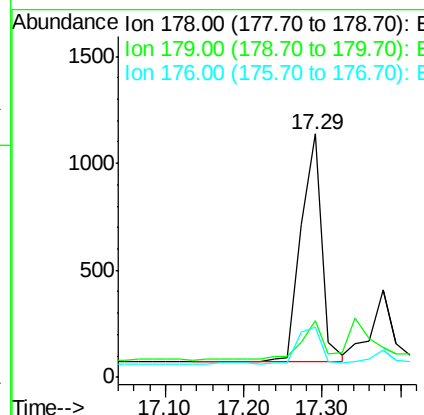
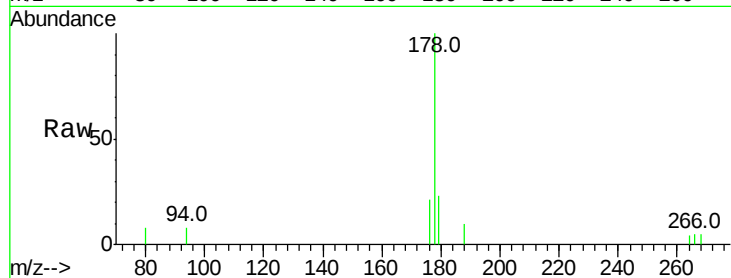
#12
Phenanthrene
Concen: 0.045 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094229.D
Acq: 9 Oct 2017 20:12

Instrument :
BNA_E
ClientSampled :
C0AD9

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.2	18.4	27.6
176	20.9	13.6	20.4

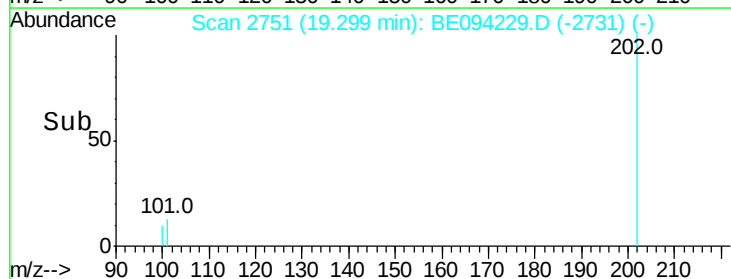
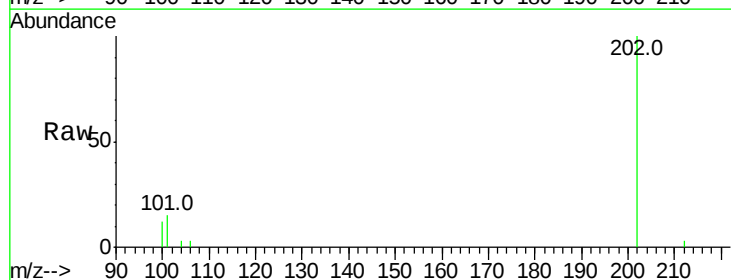
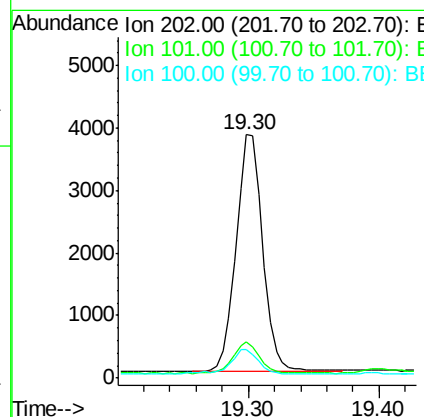
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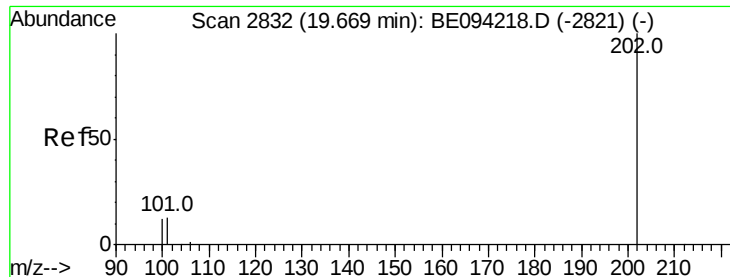
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#15
Fluoranthene
Concen: 0.094 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094229.D
Acq: 9 Oct 2017 20:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	30.3
100	11.9	0.0	39.5





#17

Pvrene

Concen: 0.119 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BE094229.D

Acq: 9 Oct 2017 20:12

Instrument :

BNA_E

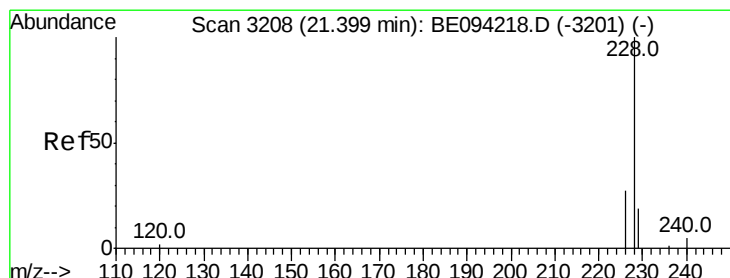
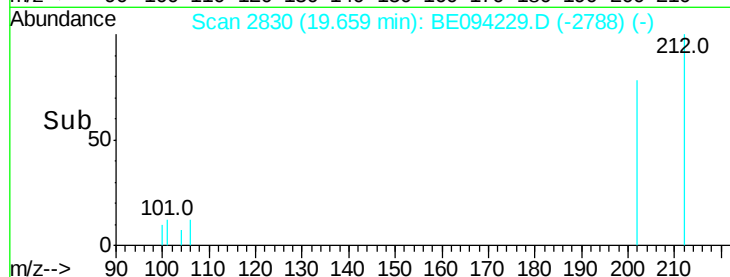
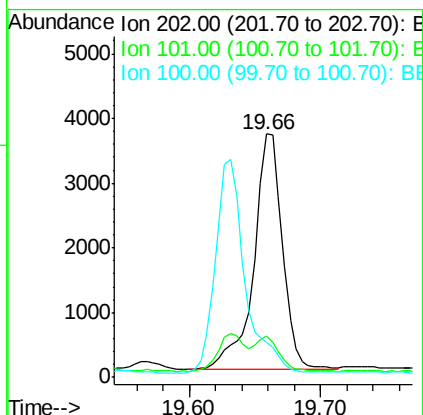
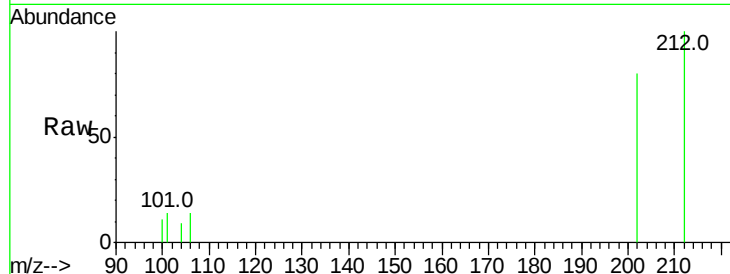
ClientSampleId :

C0AD9

Tot Ion:	202	Resp:	5549
Ion Ratio	Lower	Upper	
202	100		
101	17.0	18.2	27.4#
100	14.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.108 ng/ul

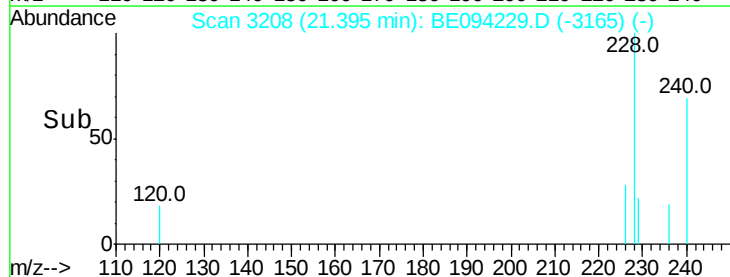
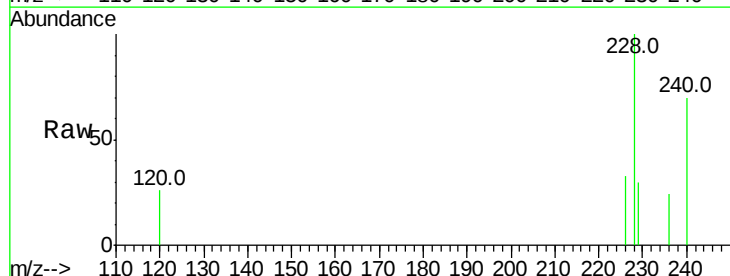
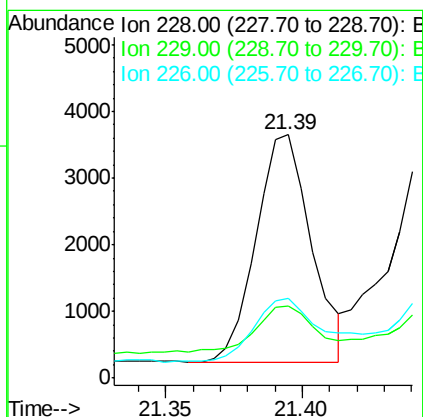
RT: 21.39 min Scan# 3208

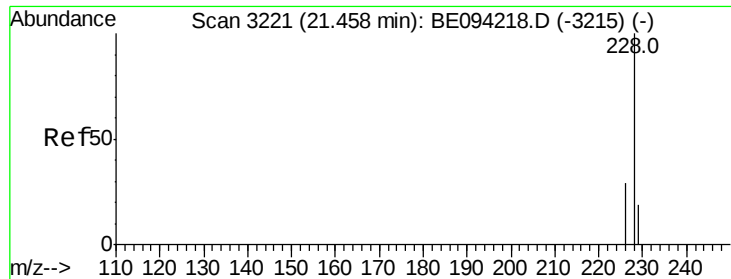
Delta R.T. -0.00 min

Lab File: BE094229.D

Acq: 9 Oct 2017 20:12

Tgt Ion:	228	Resp:	4799
Ion Ratio	Lower	Upper	
228	100		
229	29.8	22.8	34.2
226	32.9	17.0	25.6#





#19

Chrysene

Concen: 0.117 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094229.D

Acq: 9 Oct 2017 20:12

Instrument :

BNA_E

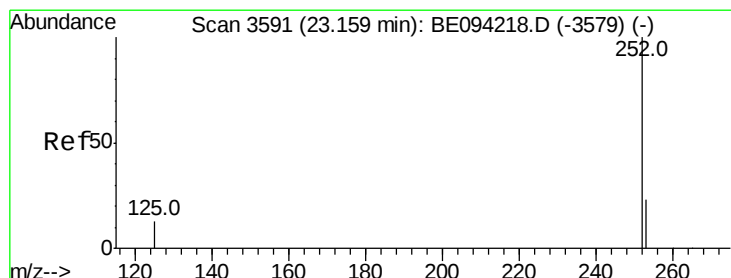
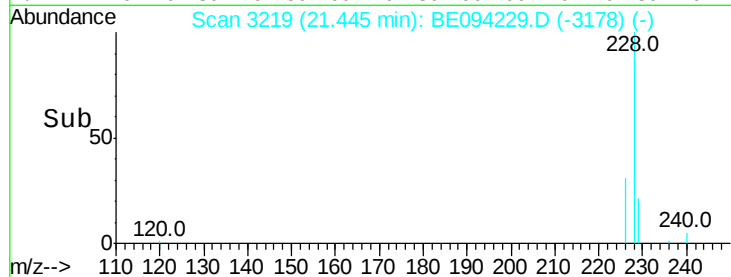
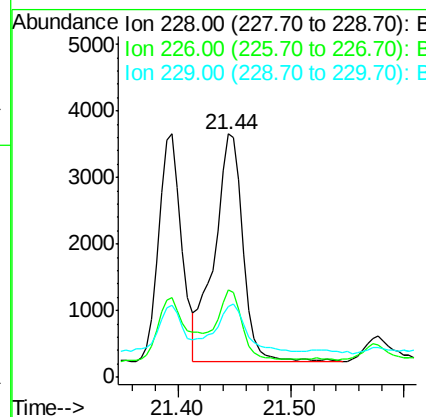
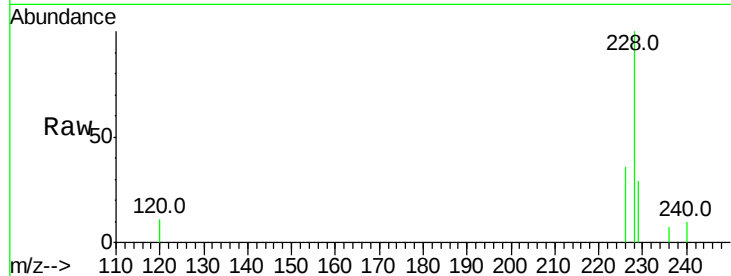
ClientSampleId :

C0AD9

Tot Ion:	228	Resp:	6005
Ion Ratio	Lower	Upper	
228	100		
226	35.8	23.4	35.0#
229	29.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.271 ng/ul m

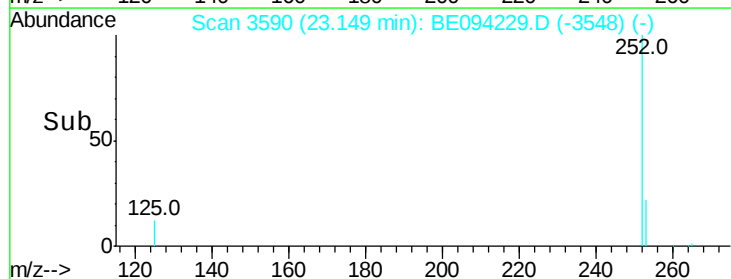
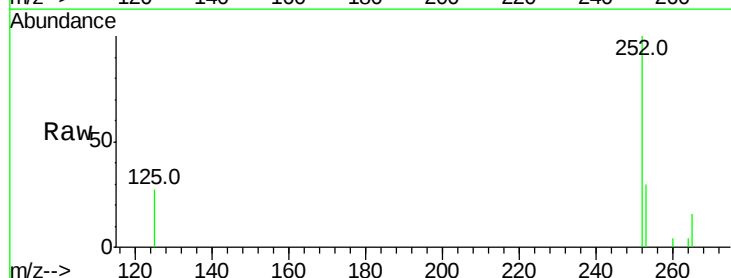
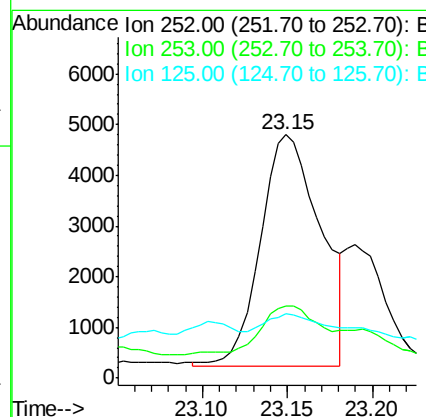
RT: 23.15 min Scan# 3590

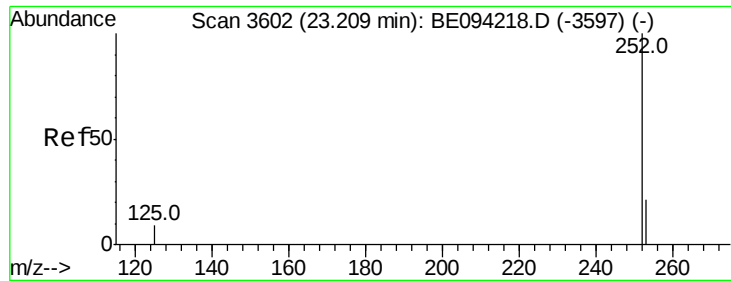
Delta R.T. -0.01 min

Lab File: BE094229.D

Acq: 9 Oct 2017 20:12

Tgt Ion:	252	Resp:	11327
Ion Ratio	Lower	Upper	
252	100		
253	29.6	0.0	64.2
125	26.5	0.0	35.0





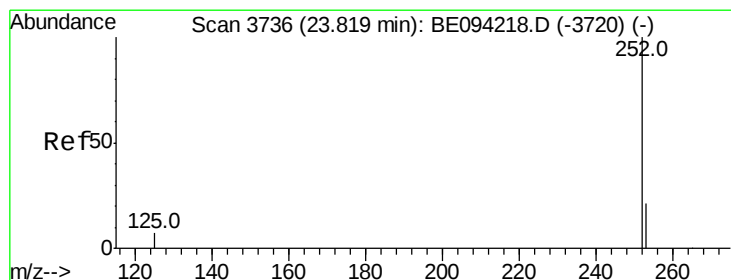
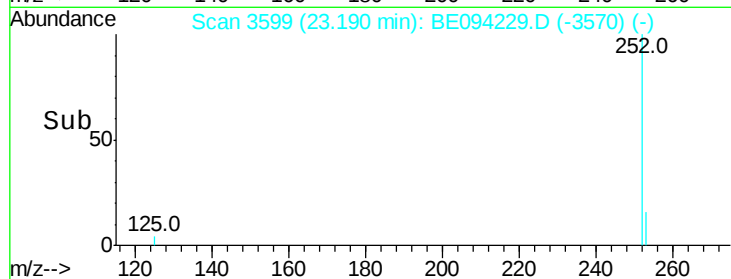
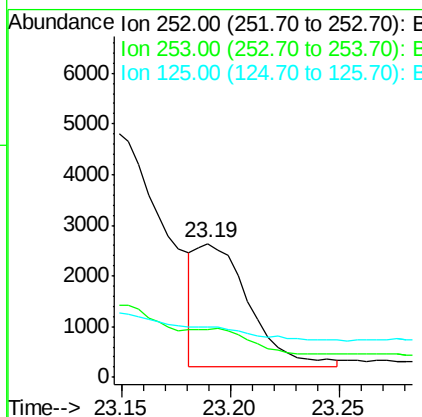
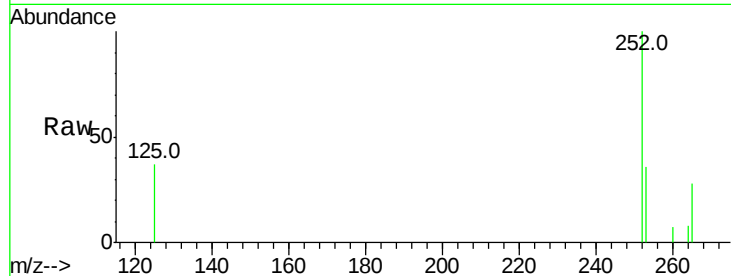
#22
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.02 min
Lab File: BE094229.D
Acq: 9 Oct 2017 20:12

Instrument :
BNA_E
ClientSampleId :
C0AD9

Tot Ion:252 Resp: 4148
Ion Ratio Lower Upper
252 100
253 35.7 24.5 36.7
125 37.4 13.7 20.5#

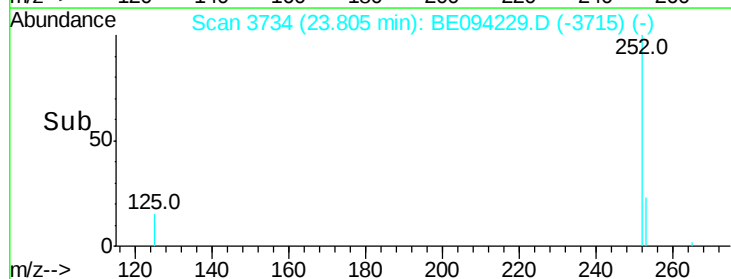
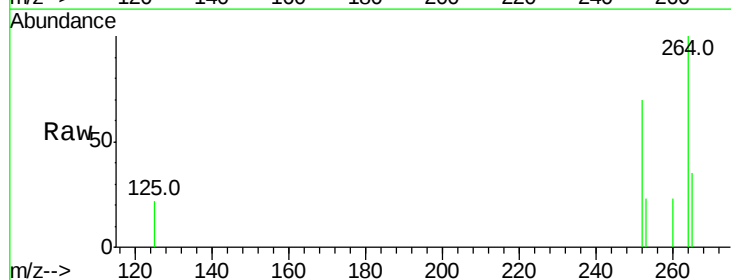
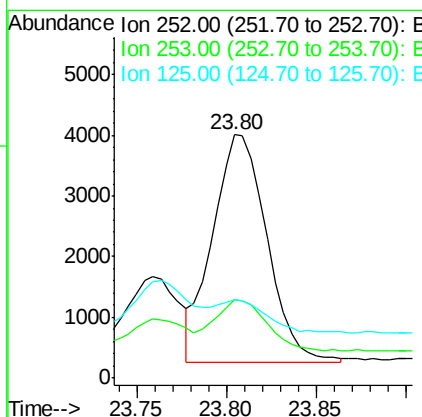
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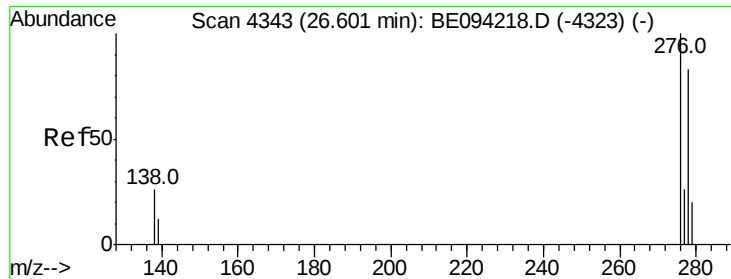
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#23
Benzo(a)pyrene
Concen: 0.182 ng/ul m
RT: 23.80 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BE094229.D
Acq: 9 Oct 2017 20:12

Tgt Ion:252 Resp: 7912
Ion Ratio Lower Upper
252 100
253 32.5 28.5 42.7
125 32.1 18.1 27.1#





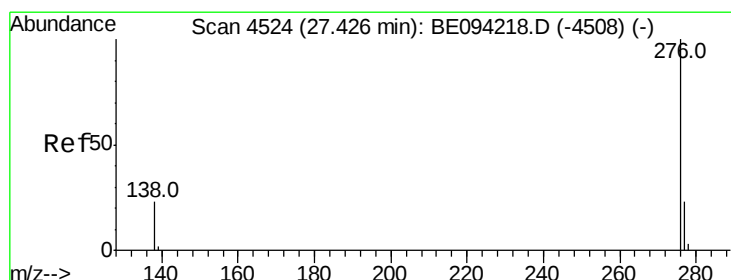
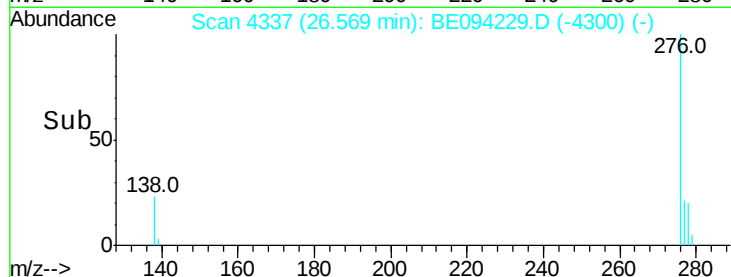
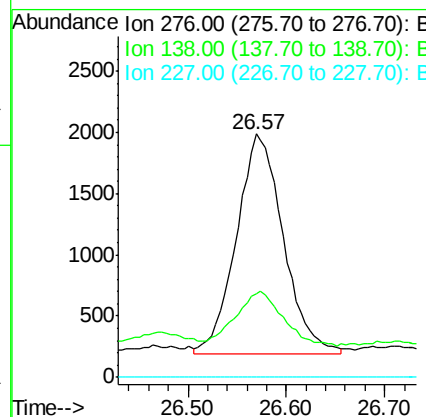
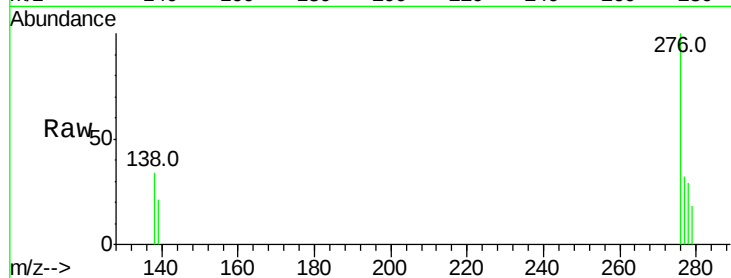
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.134 ng/ul m
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.03 min
 Lab File: BE094229.D
 Acq: 9 Oct 2017 20:12

Instrument :
 BNA_E
 ClientSampled :
 C0AD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.133 ng/ul m
 RT: 27.40 min Scan# 4519
 Delta R.T. -0.03 min
 Lab File: BE094229.D
 Acq: 9 Oct 2017 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.2	21.8	32.8#
277	36.0	20.5	30.7#

