

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094223.D
 Acq On : 9 Oct 2017 16:28
 Operator : SJ/JU
 Sample : I5522-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:29:45 AM

Quant Time: Oct 10 16:52:34 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	1269	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4259	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9578m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	10058	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	8452m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3110	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8673	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	4220	0.169	ng/ul	92
15) Fluoranthene	19.30	202	12806	0.389	ng/ul	84
17) Pyrene	19.66	202	12087	0.432	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	7022	0.263	ng/ul#	89
19) Chrysene	21.45	228	8912	0.289	ng/ul#	88
21) Benzo(b)fluoranthene	23.15	252	9308m	0.405	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	3450m	0.130	ng/ul	
23) Benzo(a)pyrene	23.81	252	6585m	0.276	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	5884m	0.241	ng/ul	
26) Benzo(g,h,i)perylene	27.41	276	5622m	0.267	ng/ul	

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

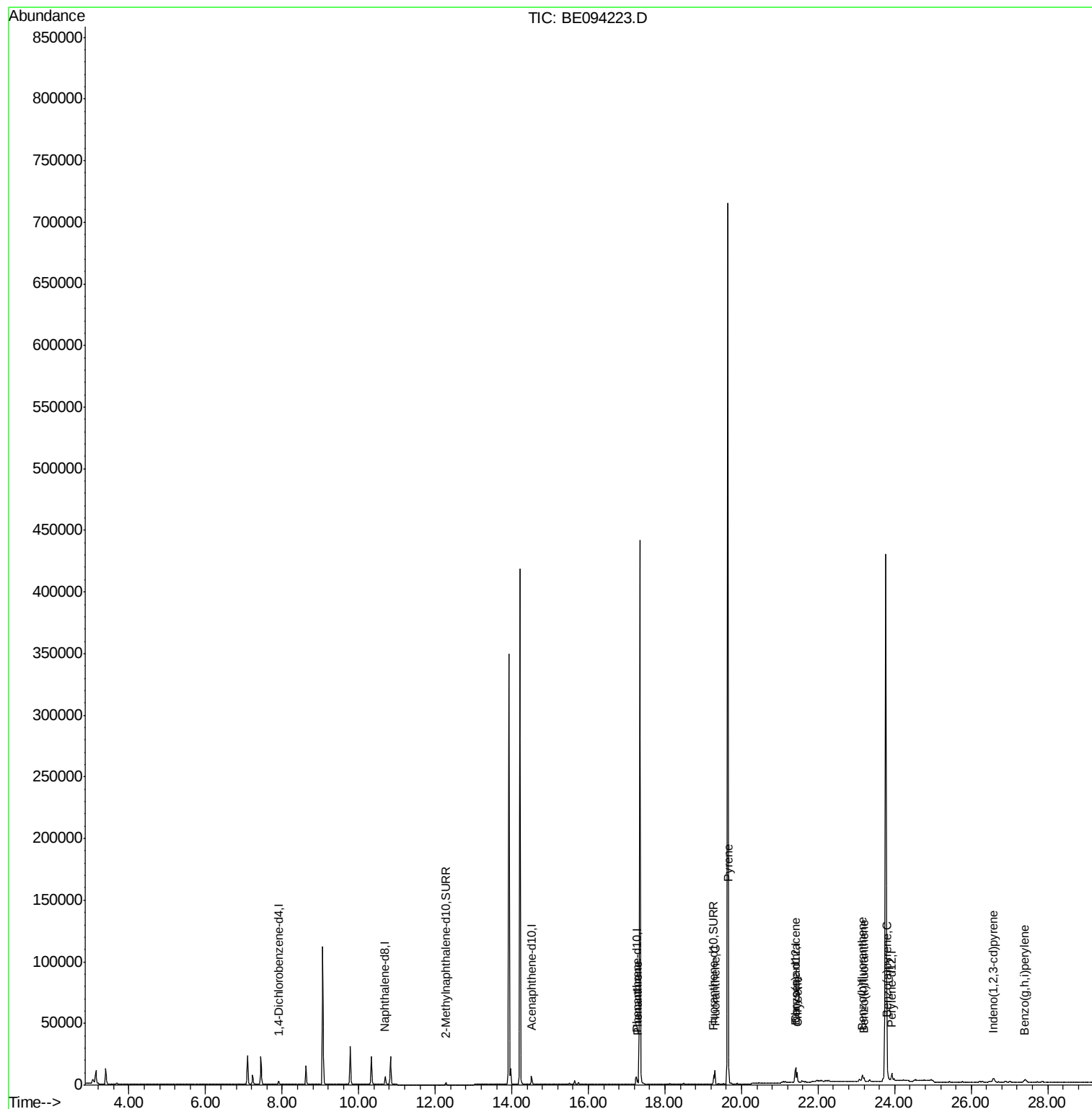
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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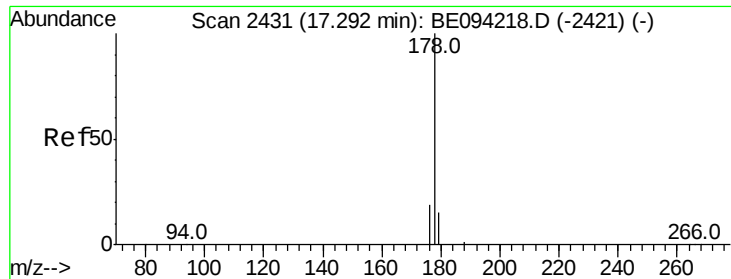
Instrument :
BNA_E
ClientSampleId :
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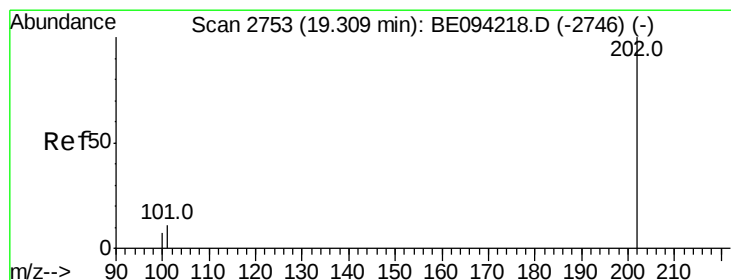
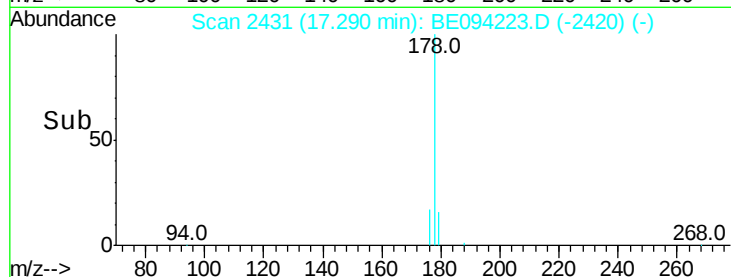
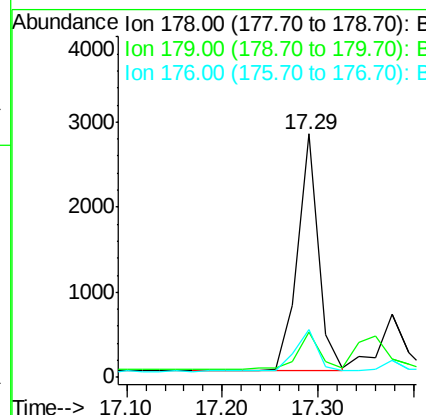
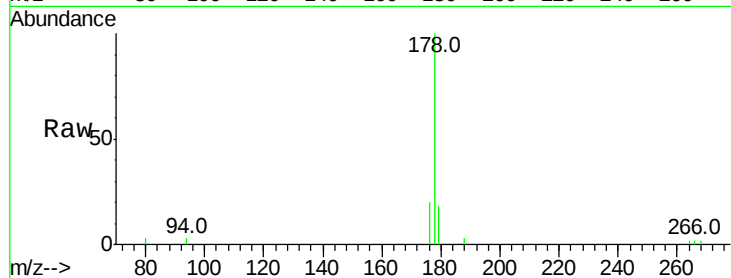
#12
Phenanthrene
Concen: 0.169 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094223.D
Acq: 9 Oct 2017 16:28

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tot Ion:178 Resp: 4220
Ion Ratio Lower Upper
178 100
179 18.5 18.4 27.6
176 19.6 13.6 20.4

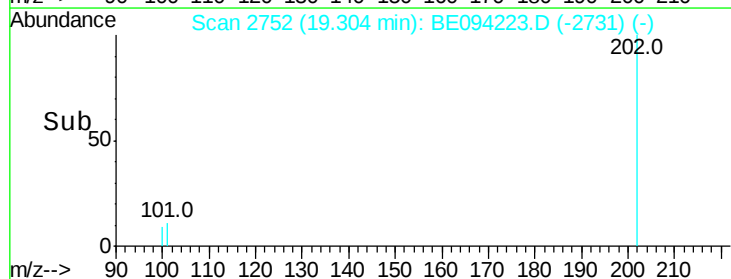
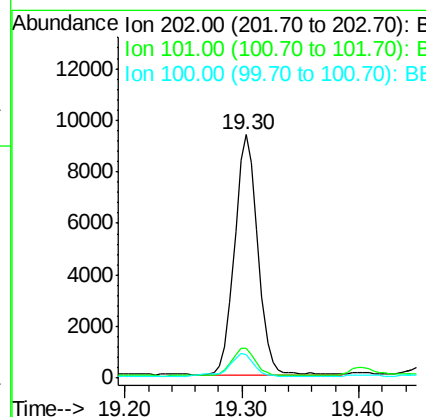
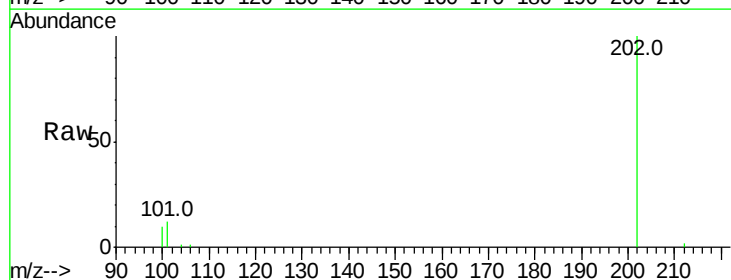
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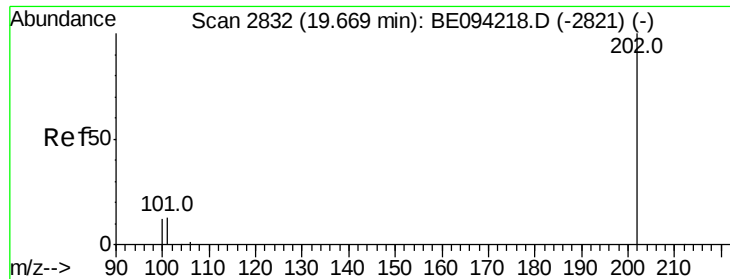
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#15
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094223.D
Acq: 9 Oct 2017 16:28

Tgt Ion:202 Resp: 12806
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.3
100 9.5 0.0 39.5





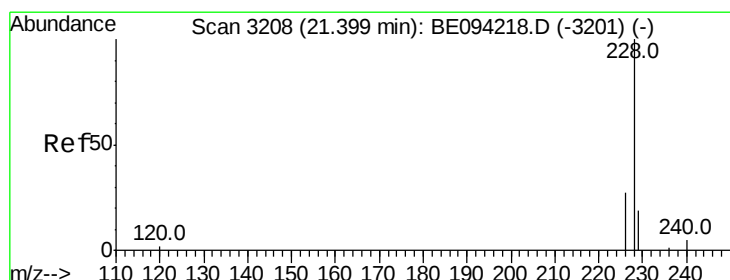
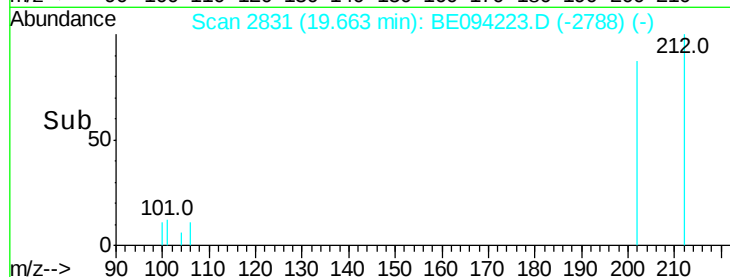
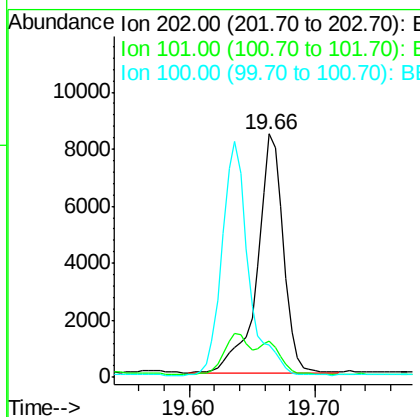
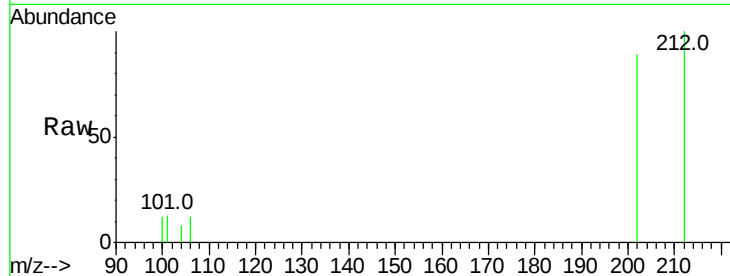
#17
Pvrene
Concen: 0.432 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094223.D
Acq: 9 Oct 2017 16:28

Instrument :
BNA_E
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.9	18.2	27.4#
100	13.3	15.6	23.4#

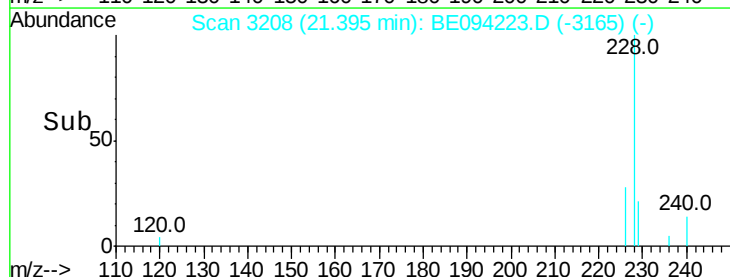
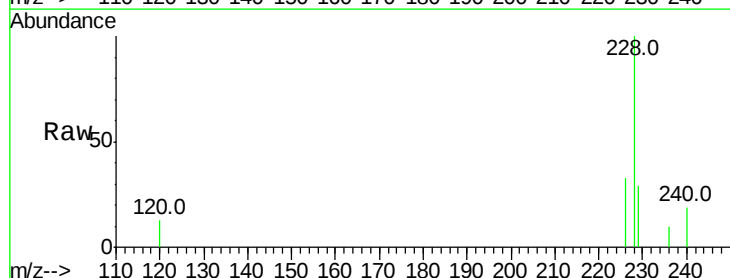
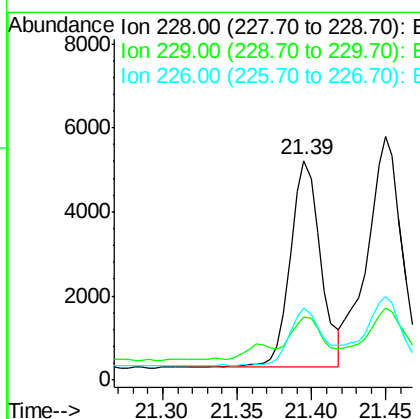
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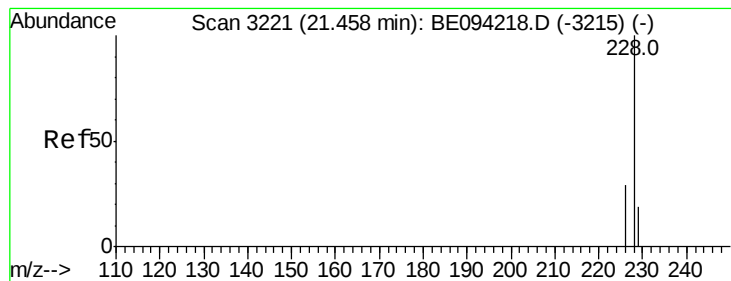
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#18
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE094223.D
Acq: 9 Oct 2017 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.8	22.8	34.2
226	32.7	17.0	25.6#





#19

Chrysene

Concen: 0.289 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BE094223.D

Acq: 9 Oct 2017 16:28

Instrument :

BNA_E

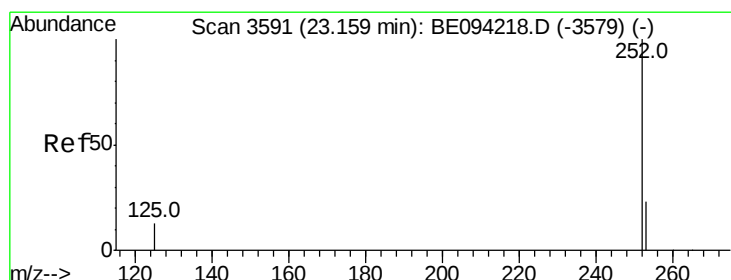
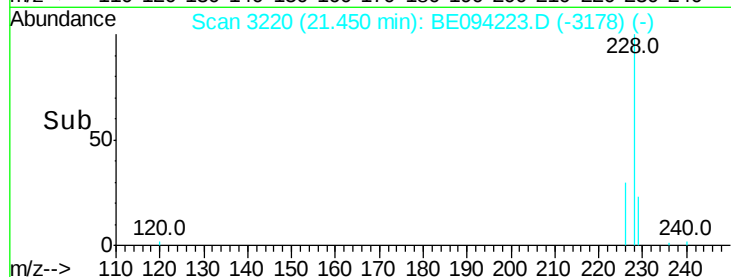
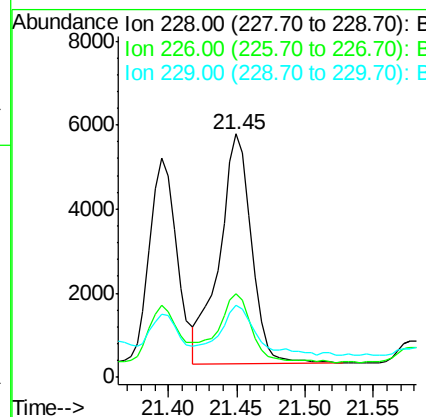
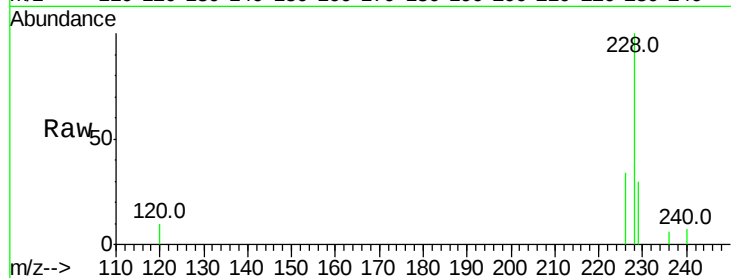
ClientSampleId :

C0AD2

Tot Ion:	228	Resp:	8912
Ion Ratio	Lower	Upper	
228	100		
226	34.1	23.4	35.0
229	29.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.405 ng/ul m

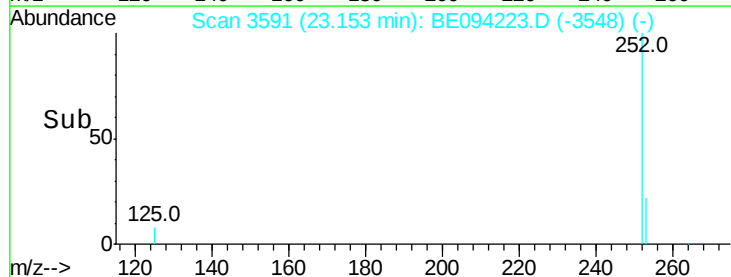
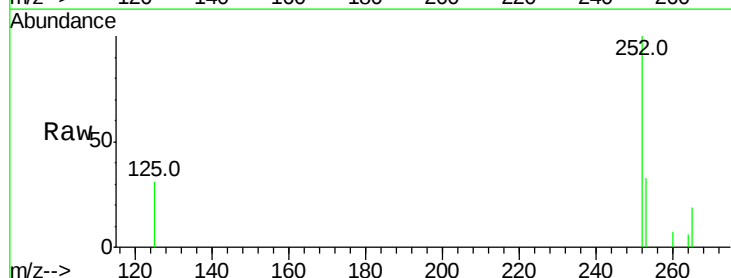
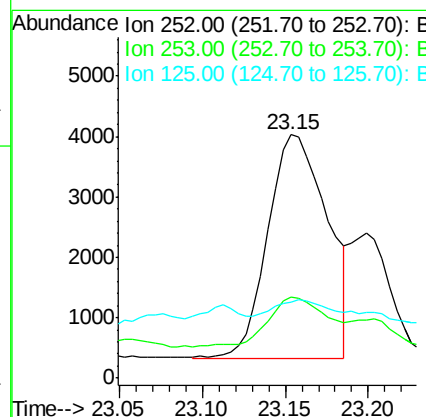
RT: 23.15 min Scan# 3591

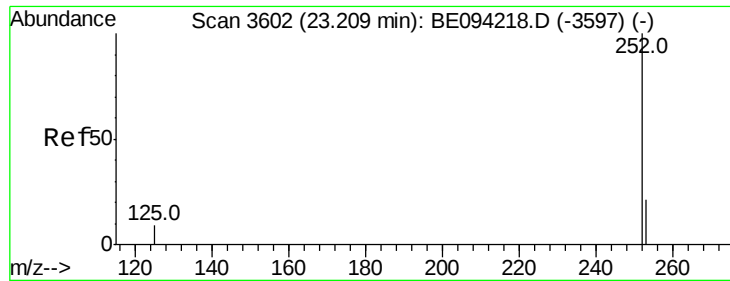
Delta R.T. -0.01 min

Lab File: BE094223.D

Acq: 9 Oct 2017 16:28

Tgt Ion:	252	Resp:	9308
Ion Ratio	Lower	Upper	
252	100		
253	33.4	0.0	64.2
125	30.9	0.0	35.0





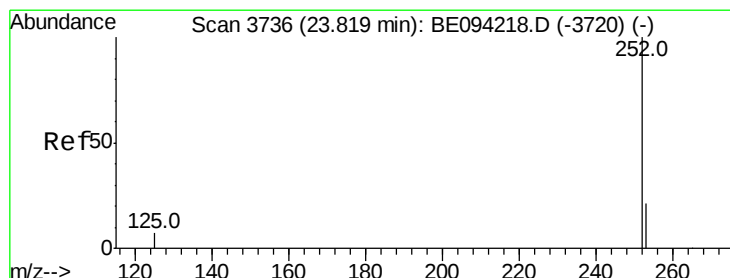
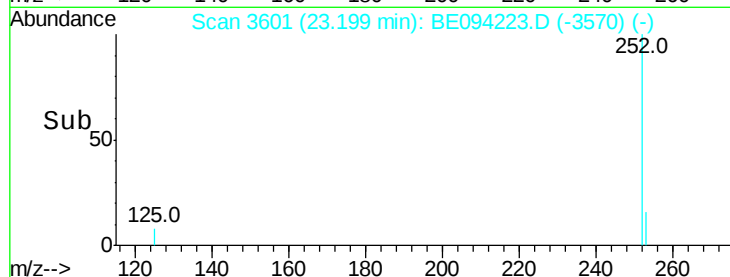
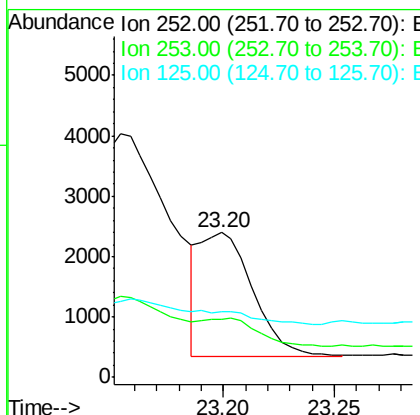
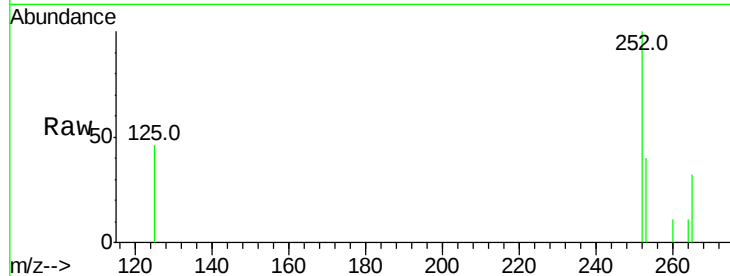
#22
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 23.20 min Scan# 3601
Delta R.T. -0.01 min
Lab File: BE094223.D
Acq: 9 Oct 2017 16:28

Instrument :
BNA_E
ClientSampled :
C0AD2

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.2	24.5	36.7#
125	45.8	13.7	20.5#

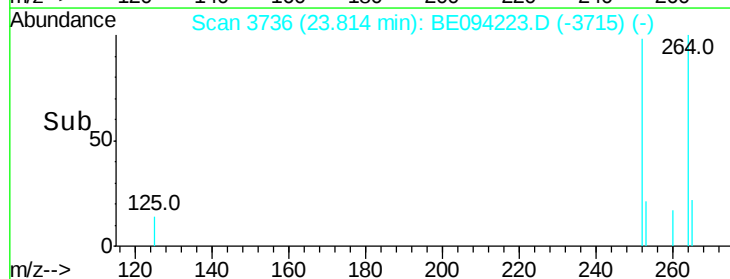
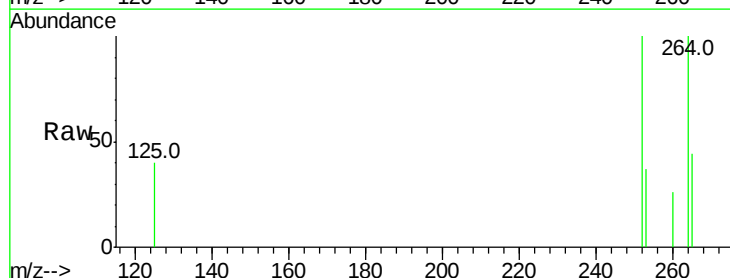
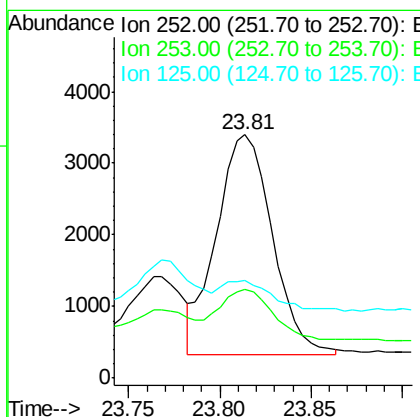
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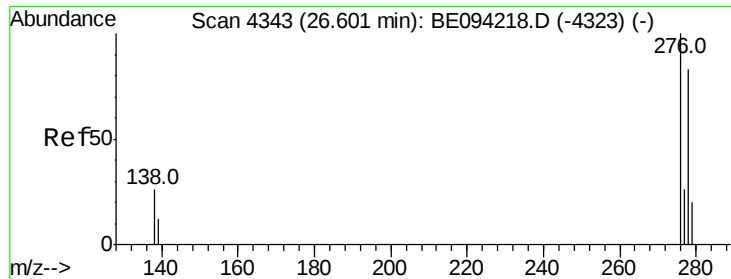
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#23
Benzo(a)pyrene
Concen: 0.276 ng/ul m
RT: 23.81 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BE094223.D
Acq: 9 Oct 2017 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.7	28.5	42.7
125	40.1	18.1	27.1#





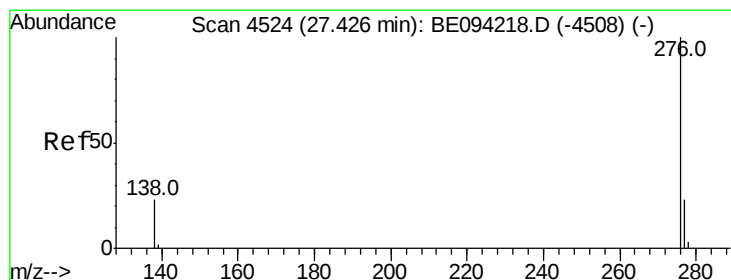
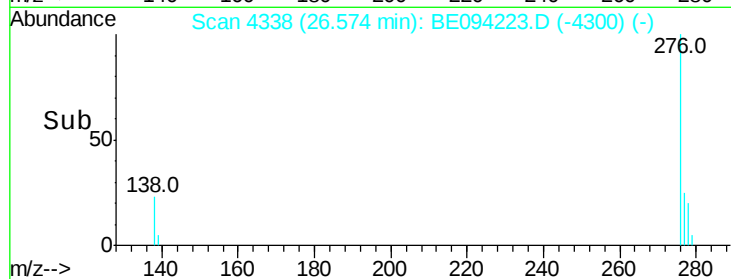
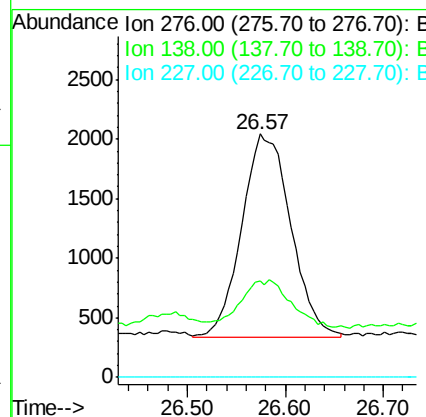
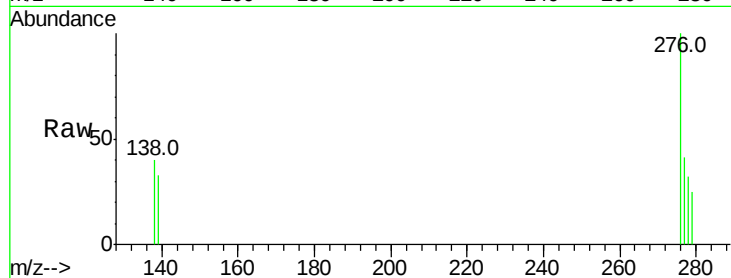
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.241 ng/ul m
 RT: 26.57 min Scan# 4338
 Delta R.T. -0.03 min
 Lab File: BE094223.D
 Acq: 9 Oct 2017 16:28

Instrument :
 BNA_E
 ClientSampled :
 C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.5	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.267 ng/ul m
 RT: 27.41 min Scan# 4521
 Delta R.T. -0.02 min
 Lab File: BE094223.D
 Acq: 9 Oct 2017 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.2	21.8	32.8#
277	40.6	20.5	30.7#

