

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094637.D
 Acq On : 28 Oct 2017 23:51
 Operator : SJ/JU
 Sample : I5842-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

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Quant Time: Oct 30 05:00:08 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 04:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1924	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6278	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13304m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12604	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	12428m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5348	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12873	0.33	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	2444m	0.070	ng/ul	
15) Fluoranthene	19.32	202	8713	0.214	ng/ul	83
17) Pyrene	19.68	202	8572	0.220	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	3167	0.088	ng/ul#	83
19) Chrysene	21.47	228	4051	0.109	ng/ul#	83
21) Benzo(b)fluoranthene	23.19	252	4861m	0.139	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	1775m	0.047	ng/ul	
23) Benzo(a)pyrene	23.85	252	2517m	0.072	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	1654m	0.046	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	1243m	0.043	ng/ul	

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

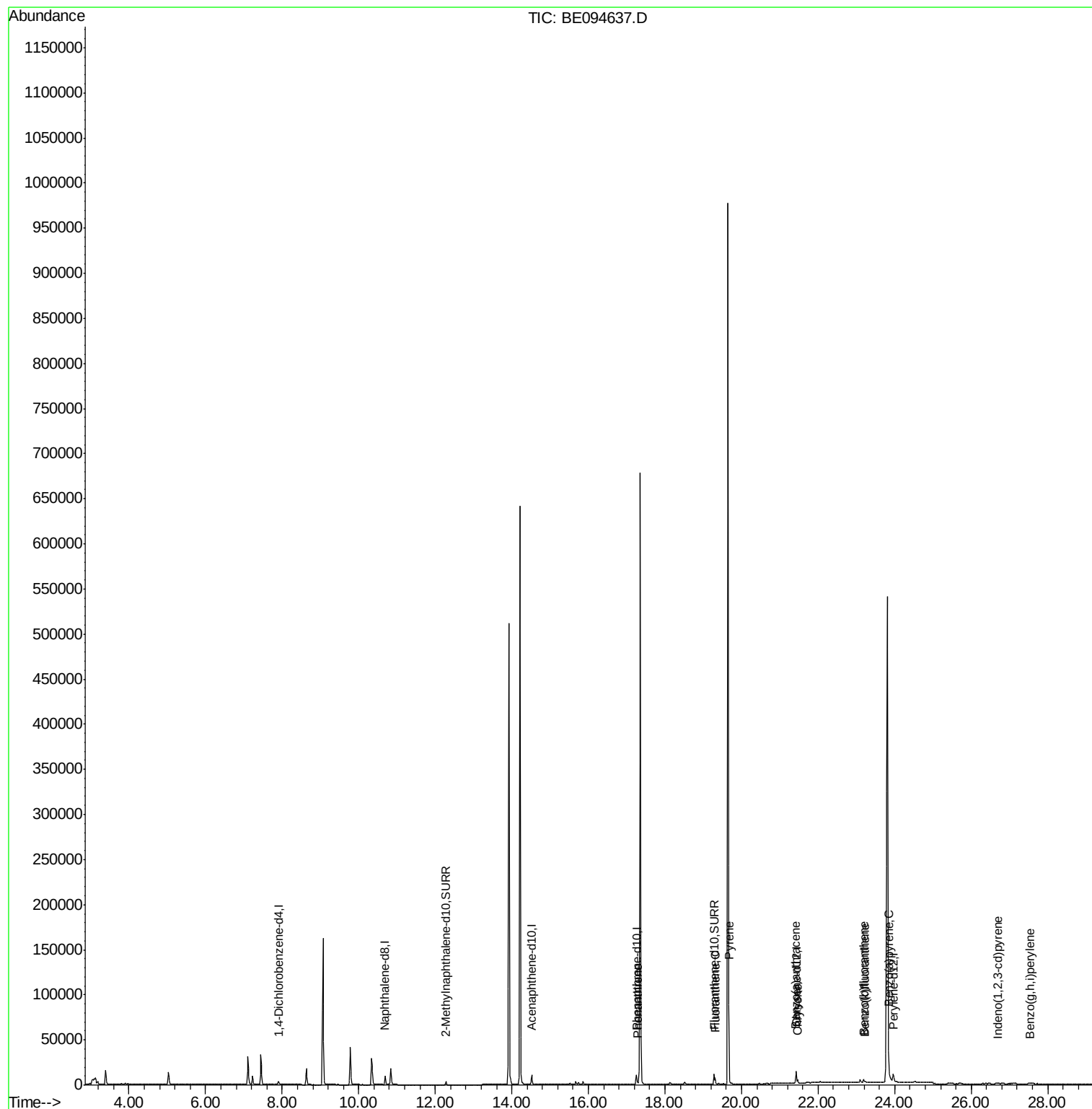
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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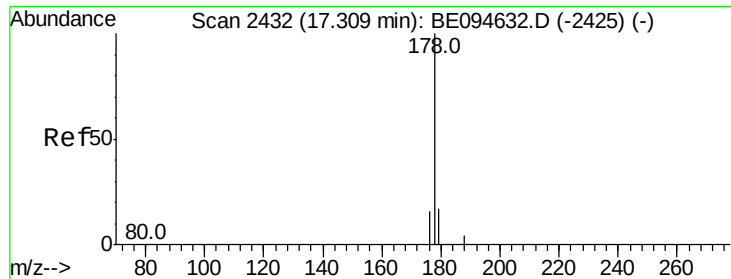
Instrument :
BNA_E
ClientSampleId :
C0AA9

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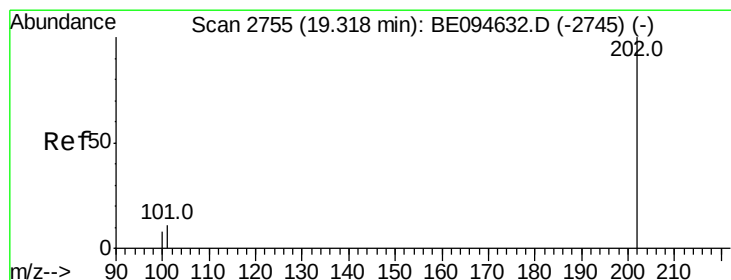
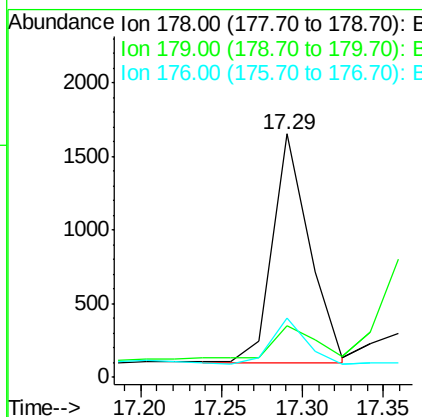
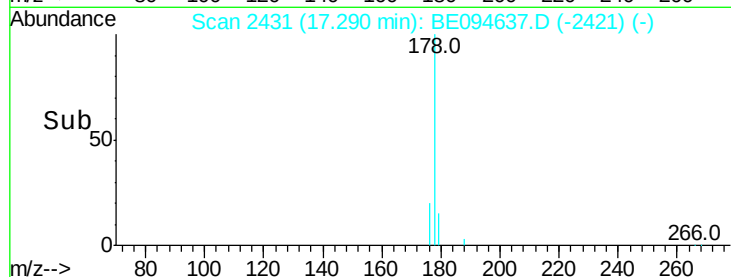
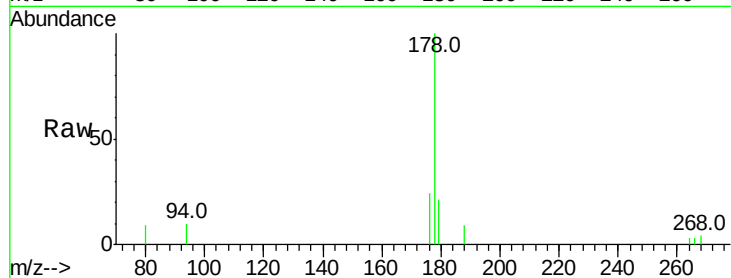
#12
Phenanthrene
Concen: 0.070 ng/ul m
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094637.D
Acq: 28 Oct 2017 23:51

Instrument :
BNA_E
ClientSampleId :
C0AA9

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.3	18.4	27.6
176	24.2	13.6	20.4

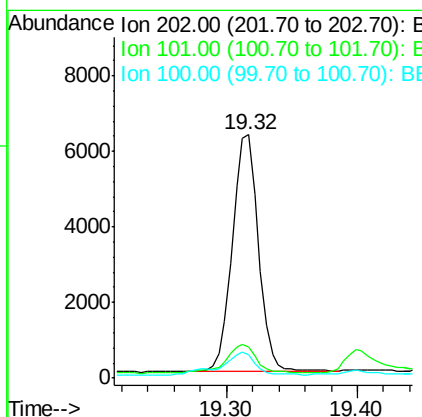
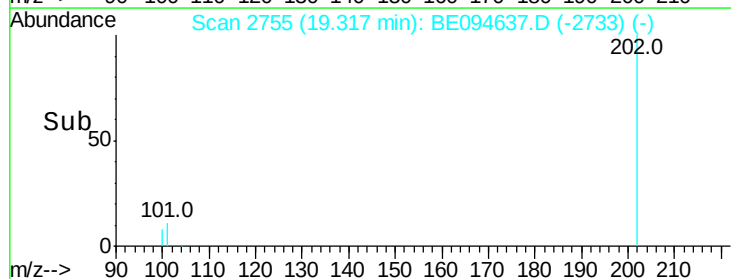
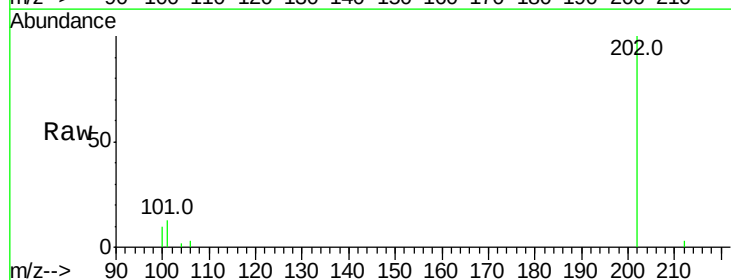
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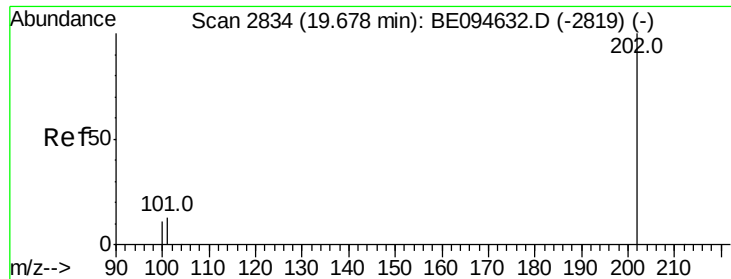
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#15
Fluoranthene
Concen: 0.214 ng/ul
RT: 19.32 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE094637.D
Acq: 28 Oct 2017 23:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	9.5	0.0	39.5





#17

Pyrene

Concen: 0.220 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094637.D

Acq: 28 Oct 2017 23:51

Instrument :

BNA_E

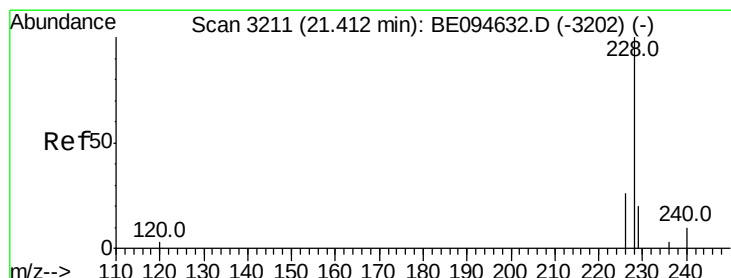
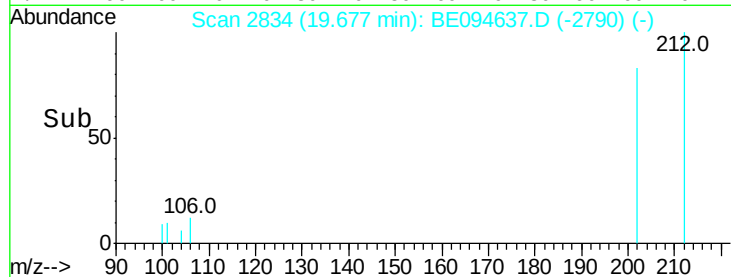
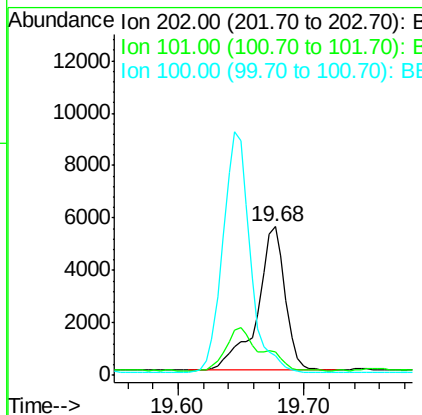
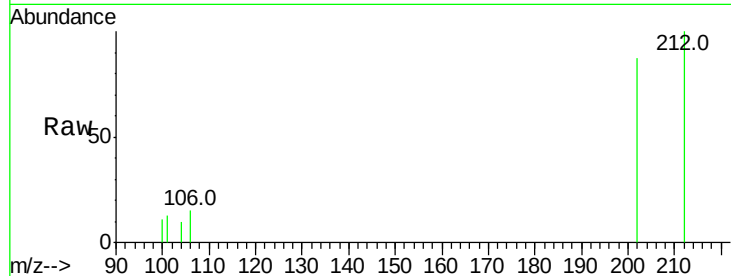
ClientSampleId :

C0AA9

Tot Ion:	202	Resp:	8572
Ion Ratio	Lower	Upper	
202	100		
101	15.6	18.2	27.4#
100	12.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.088 ng/ul

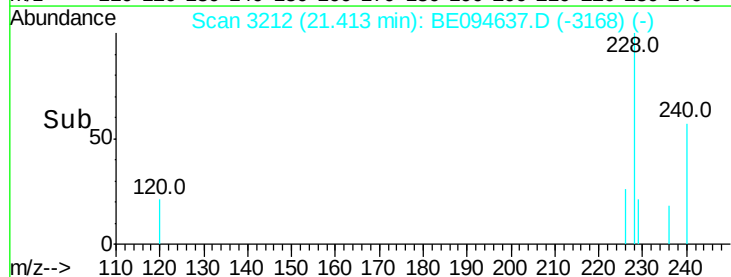
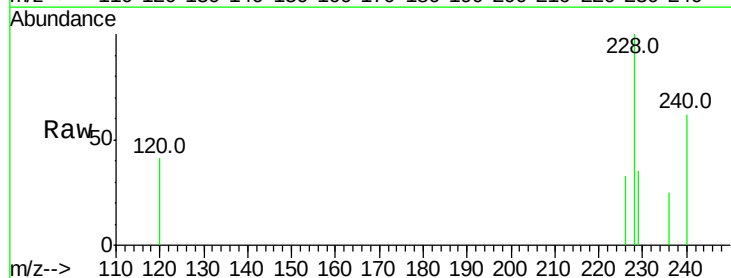
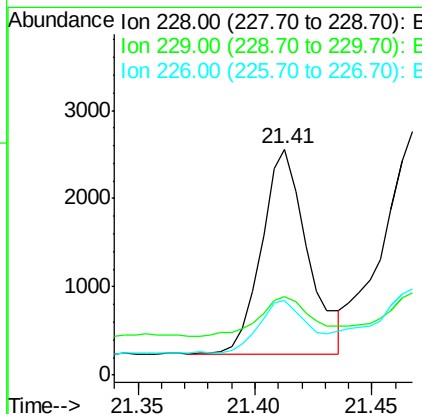
RT: 21.41 min Scan# 3212

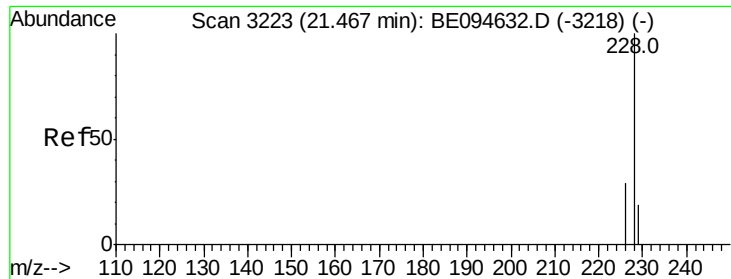
Delta R.T. 0.00 min

Lab File: BE094637.D

Acq: 28 Oct 2017 23:51

Tgt Ion:	228	Resp:	3167
Ion Ratio	Lower	Upper	
228	100		
229	34.6	22.8	34.2#
226	32.9	17.0	25.6#





#19

Chrysene

Concen: 0.109 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094637.D

Acq: 28 Oct 2017 23:51

Instrument :

BNA_E

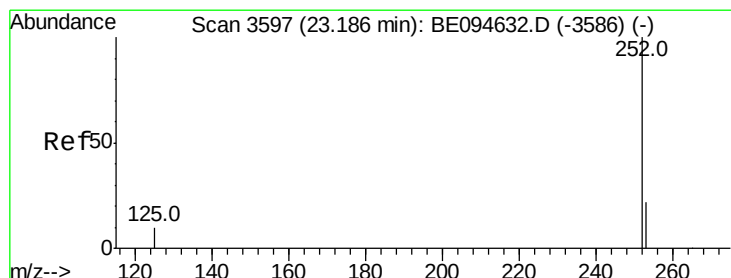
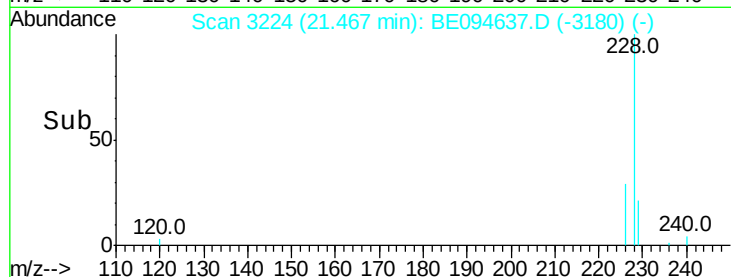
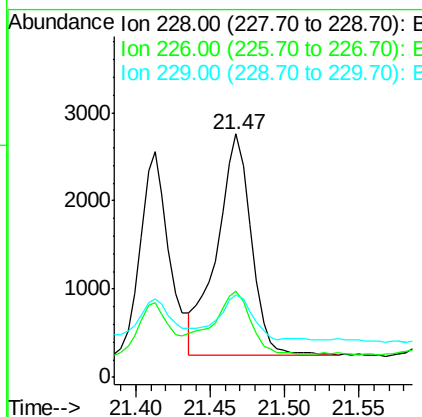
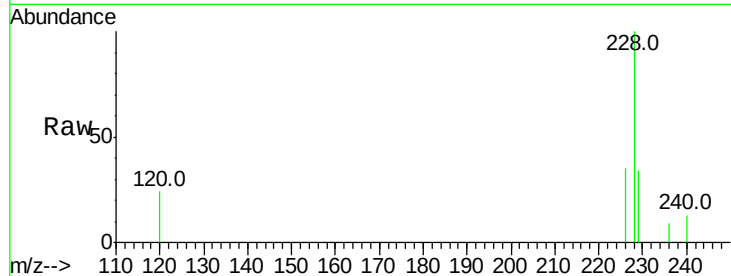
ClientSampleId :

C0AA9

Tot Ion:228	Resp:	4051
Ion Ratio	Lower	Upper
228 100		
226 35.4	23.4	35.0#
229 34.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.139 ng/ul m

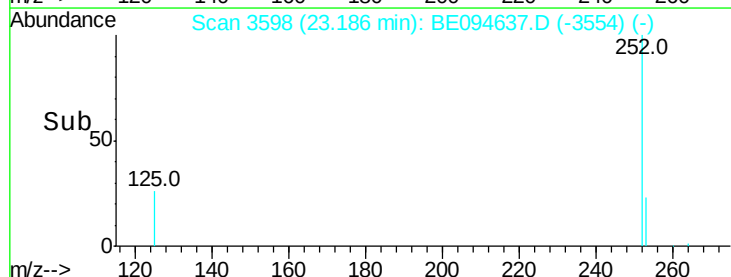
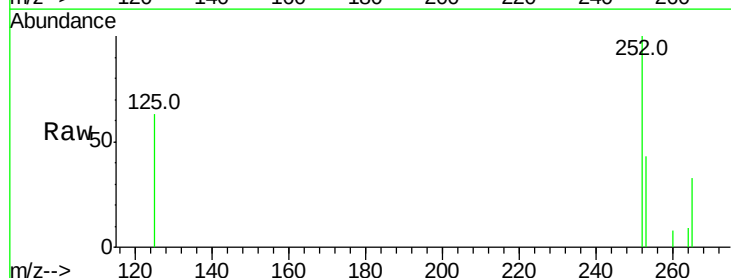
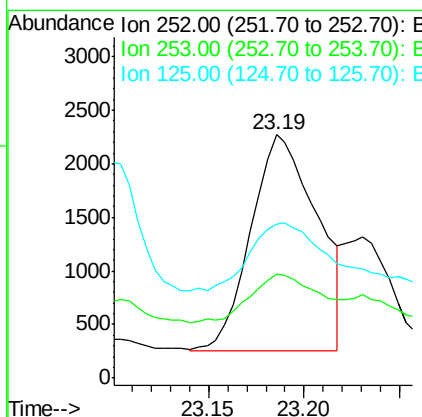
RT: 23.19 min Scan# 3598

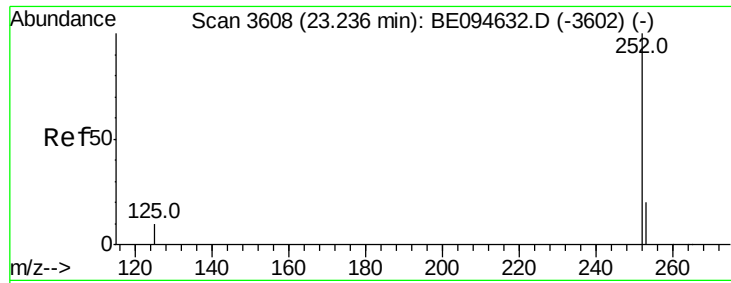
Delta R.T. -0.00 min

Lab File: BE094637.D

Acq: 28 Oct 2017 23:51

Tgt Ion:252	Resp:	4861
Ion Ratio	Lower	Upper
252 100		
253 42.5	0.0	64.2
125 63.1	0.0	35.0#





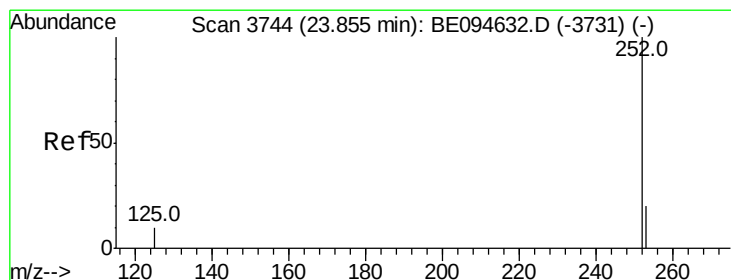
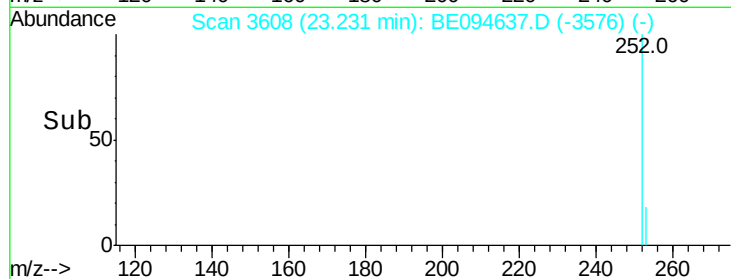
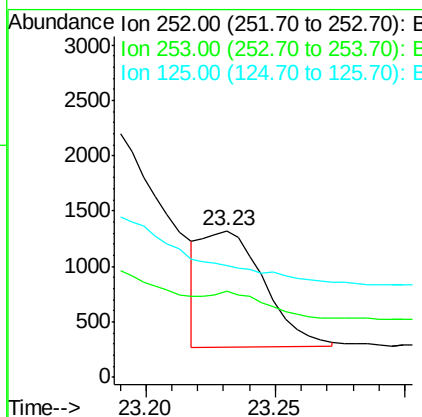
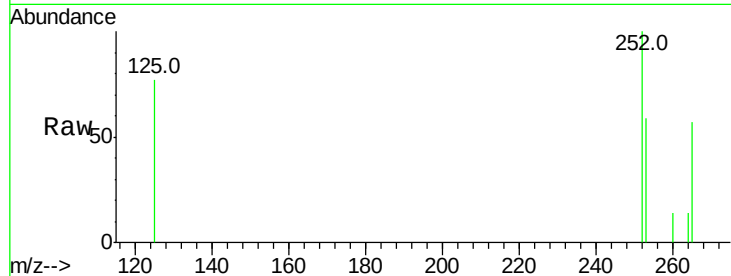
#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 23.23 min Scan# 3608
Delta R.T. -0.01 min
Lab File: BE094637.D
Acq: 28 Oct 2017 23:51

Instrument :
BNA_E
ClientSampleId :
C0AA9

Tot Ion:252 Resp: 1775
Ion Ratio Lower Upper
252 100
253 58.7 24.5 36.7#
125 76.7 13.7 20.5#

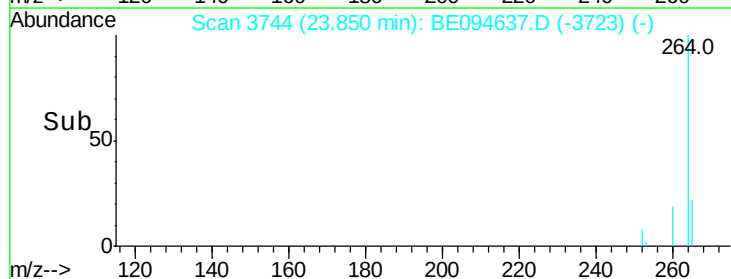
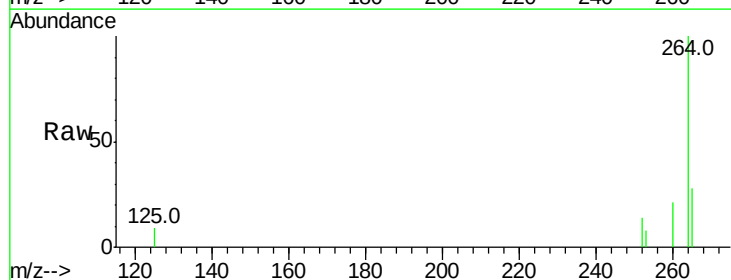
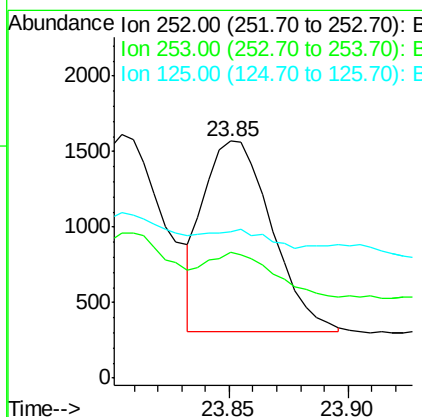
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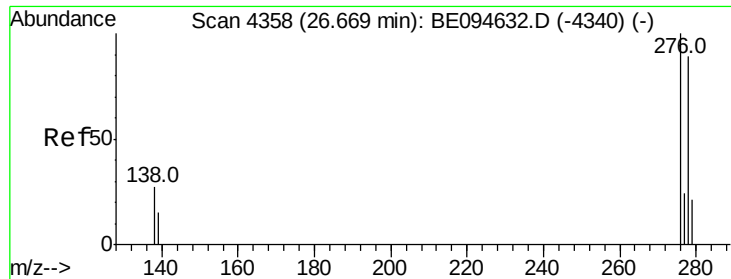
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#23
Benzo(a)pyrene
Concen: 0.072 ng/ul m
RT: 23.85 min Scan# 3744
Delta R.T. -0.01 min
Lab File: BE094637.D
Acq: 28 Oct 2017 23:51

Tgt Ion:252 Resp: 2517
Ion Ratio Lower Upper
252 100
253 53.2 28.5 42.7#
125 61.9 18.1 27.1#





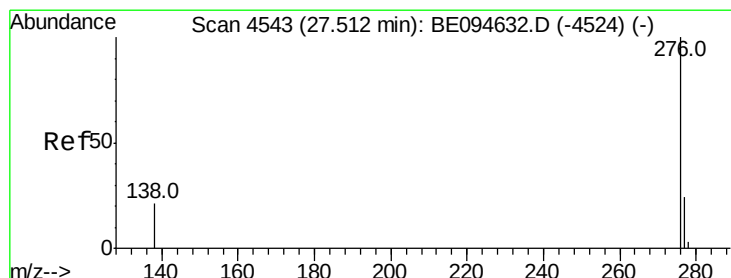
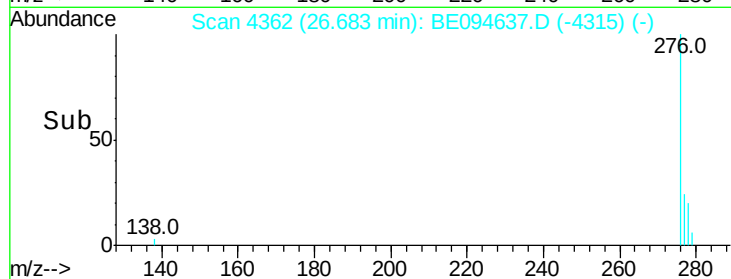
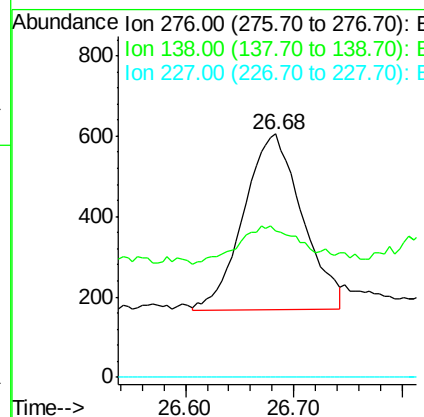
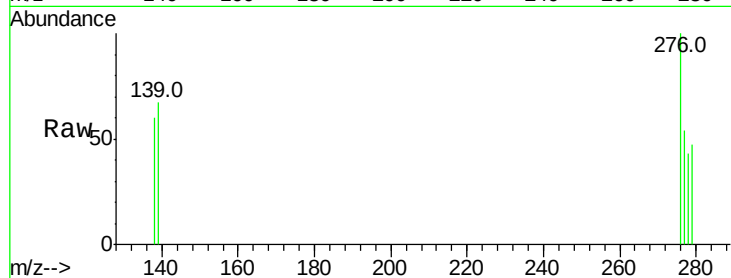
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/ul m
 RT: 26.68 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094637.D
 Acq: 28 Oct 2017 23:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.043 ng/ul m
 RT: 27.52 min Scan# 4546
 Delta R.T. 0.01 min
 Lab File: BE094637.D
 Acq: 28 Oct 2017 23:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	76.3	21.8	32.8#
277	67.9	20.5	30.7#

