

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094608.D
 Acq On : 27 Oct 2017 22:33
 Operator : SJ/JU
 Sample : I5842-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

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Quant Time: Oct 30 02:04:07 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 01:11:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1062	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6240	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	3753	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8195m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	7548	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6801m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3488	0.34	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	8199	0.34	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.29	178	2294	0.106	ng/ul#	80
15) Fluoranthene	19.31	202	9947	0.397	ng/ul	85
17) Pyrene	19.68	202	10086	0.432	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	4507	0.209	ng/ul#	61
19) Chrysene	21.47	228	5470	0.245	ng/ul#	54
21) Benzo(b)fluoranthene	23.19	252	7235m	0.378	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2646m	0.129	ng/ul	
23) Benzo(a)pyrene	23.85	252	4401m	0.230	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	2518m	0.127	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	1818m	0.114	ng/ul	

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

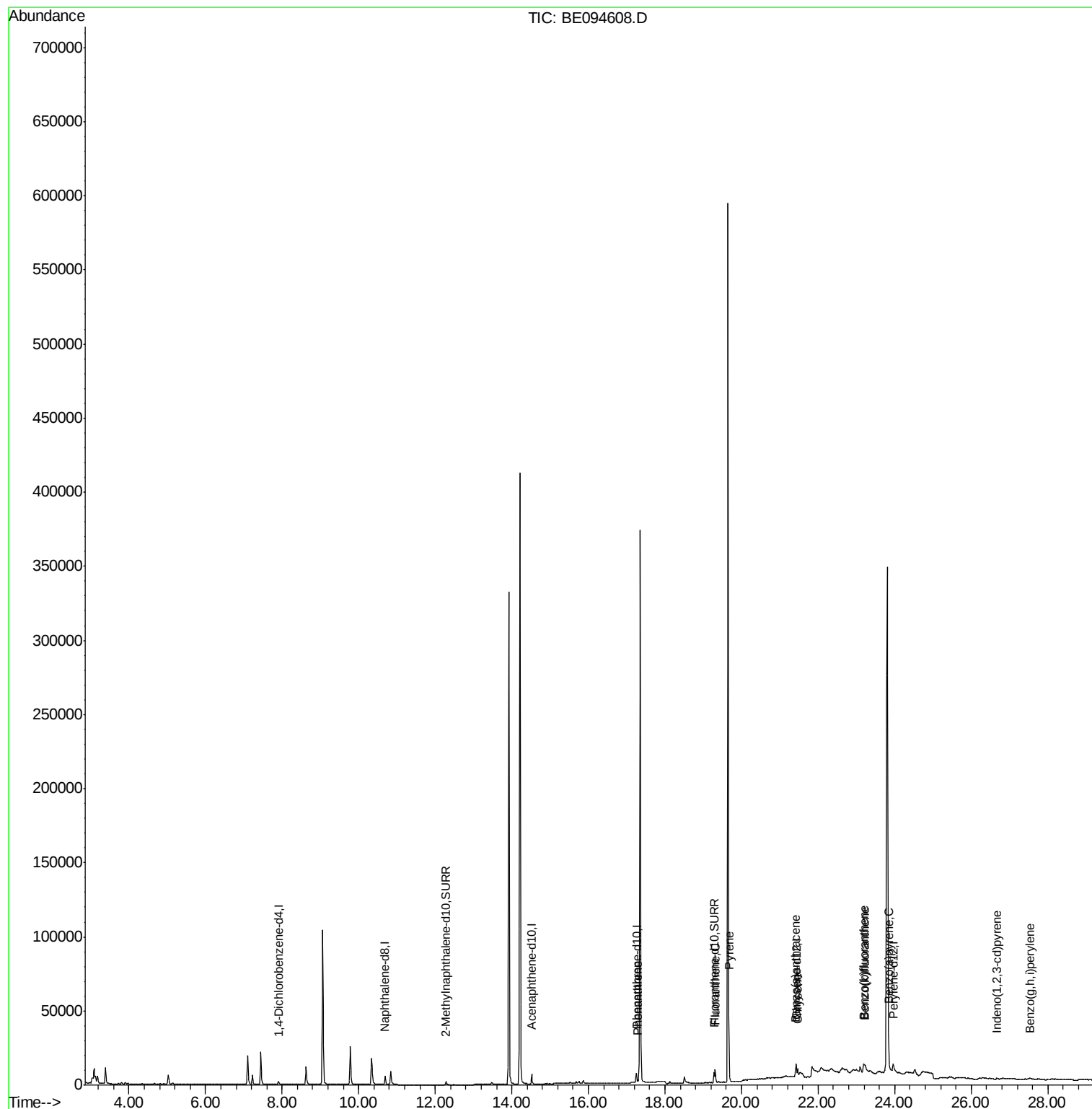
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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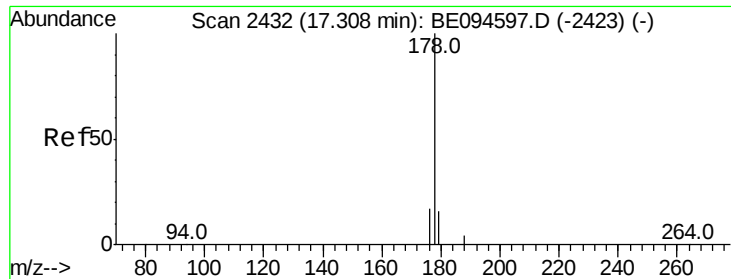
Instrument :
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ClientSampleId :
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QLast Update : Mon Oct 30 01:11:00 2017
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.106 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094608.D

Acq: 27 Oct 2017 22:33

Instrument :

BNA_E

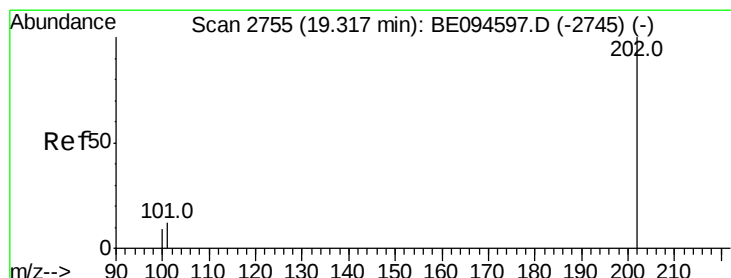
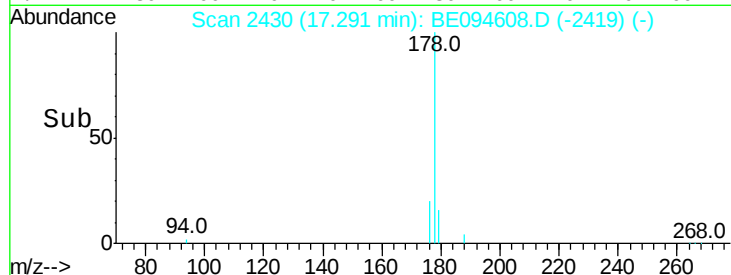
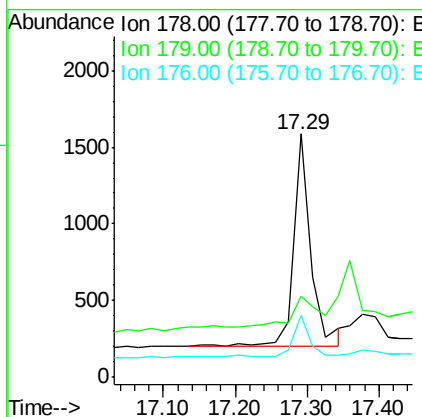
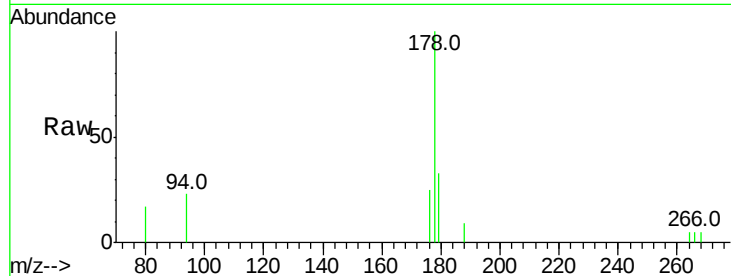
ClientSampleId :

C0AB1

Tot Ion:	178	Resp:	2294
Ion Ratio	Lower	Upper	
178	100		
179	33.2	18.4	27.6#
176	25.3	13.6	20.4#

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#15

Fluoranthene

Concen: 0.397 ng/ul

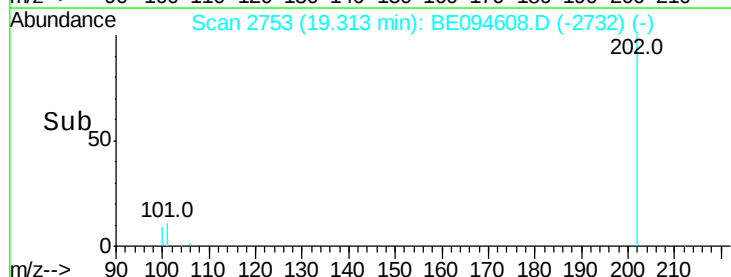
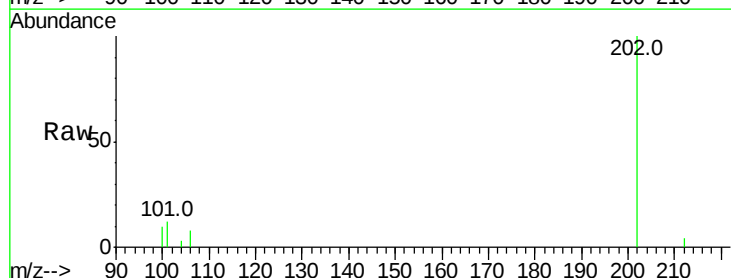
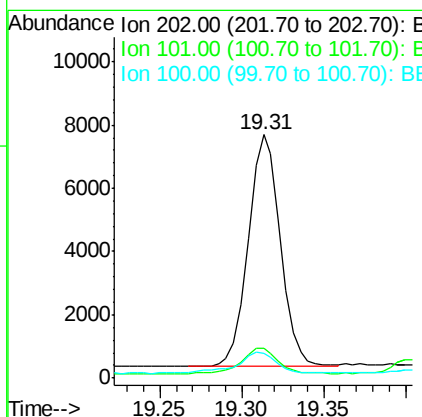
RT: 19.31 min Scan# 2753

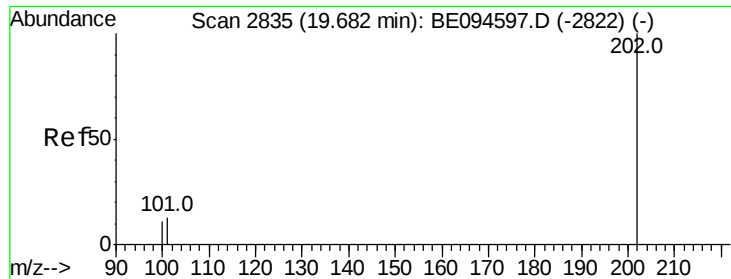
Delta R.T. -0.00 min

Lab File: BE094608.D

Acq: 27 Oct 2017 22:33

Tgt Ion:	202	Resp:	9947
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.3
100	10.3	0.0	39.5





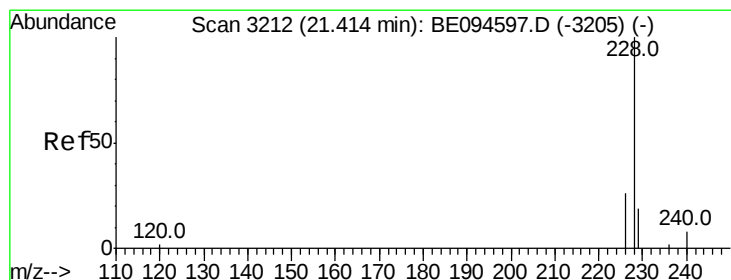
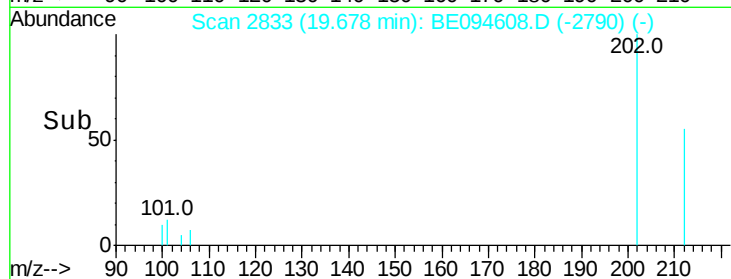
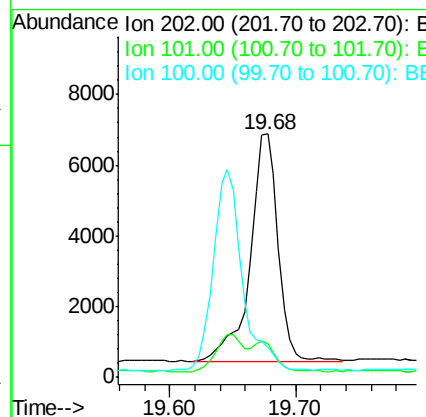
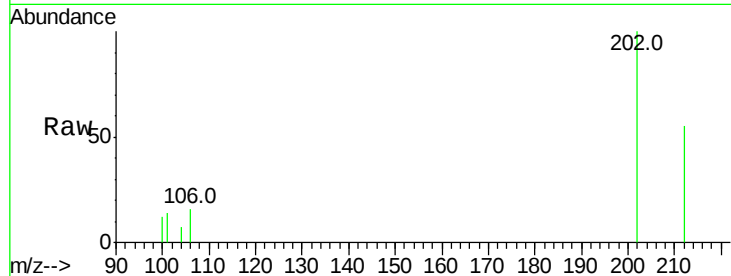
#17
Pvrene
Concen: 0.432 ng/ul
RT: 19.68 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094608.D
Acq: 27 Oct 2017 22:33

Instrument :
BNA_E
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	12.5	15.6	23.4#

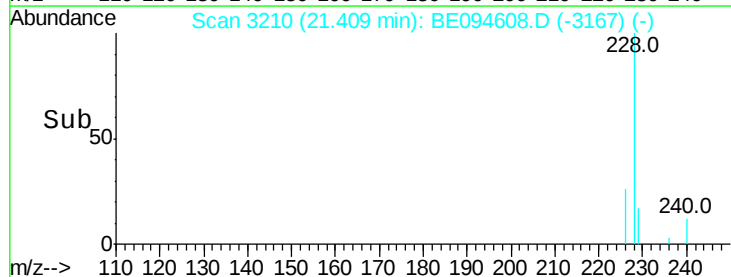
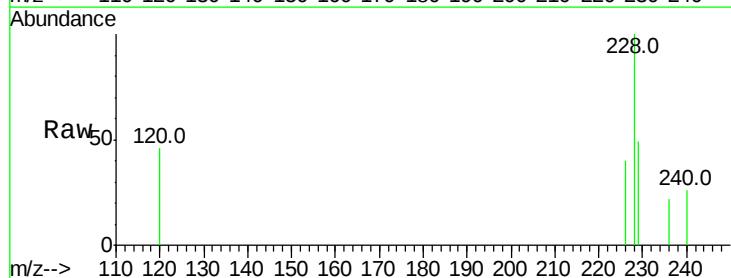
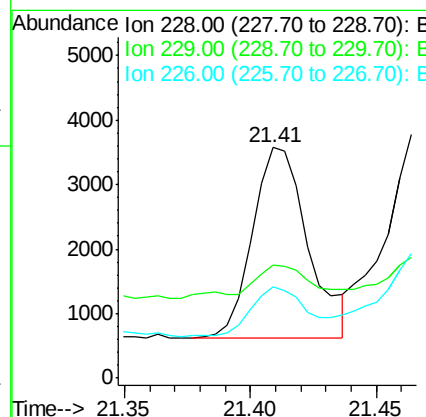
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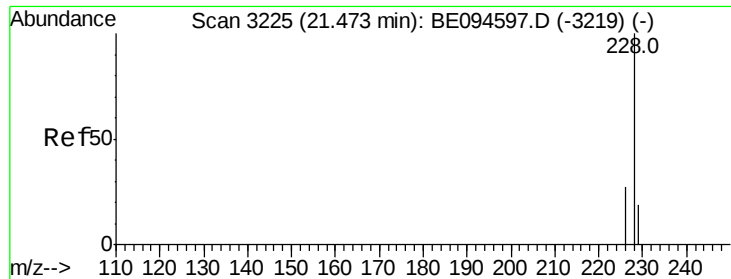
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#18
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094608.D
Acq: 27 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	48.8	22.8	34.2#
226	39.6	17.0	25.6#





#19

Chrysene

Concen: 0.245 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094608.D

Acq: 27 Oct 2017 22:33

Instrument :

BNA_E

ClientSampled :

C0AB1

Tot Ion:228 Resp: 5470

Ion Ratio Lower Upper

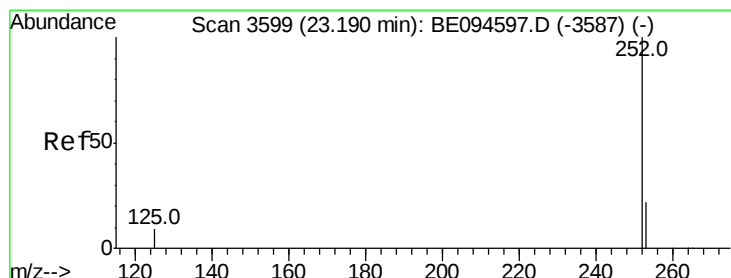
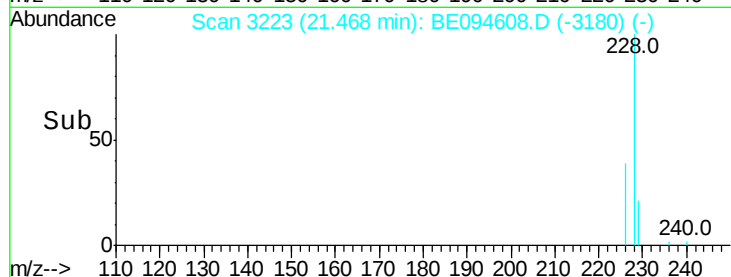
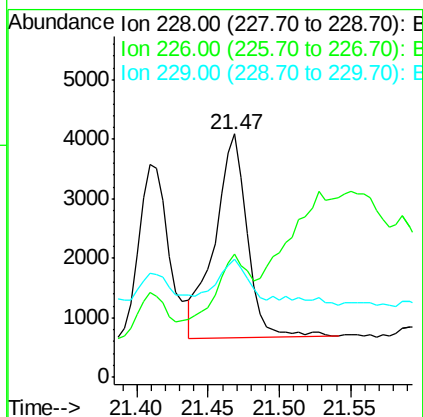
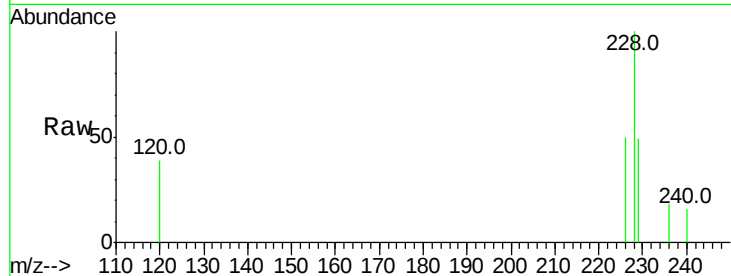
228 100

226 50.4 23.4 35.0#

229 48.5 17.7 26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.378 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094608.D

Acq: 27 Oct 2017 22:33

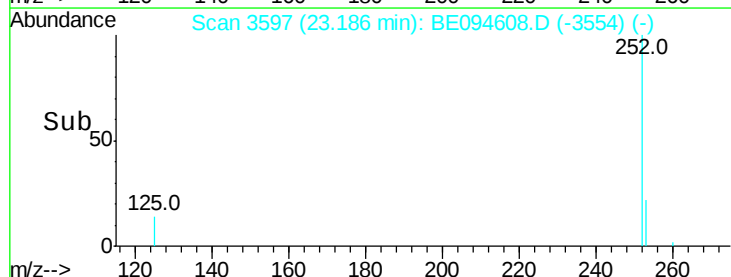
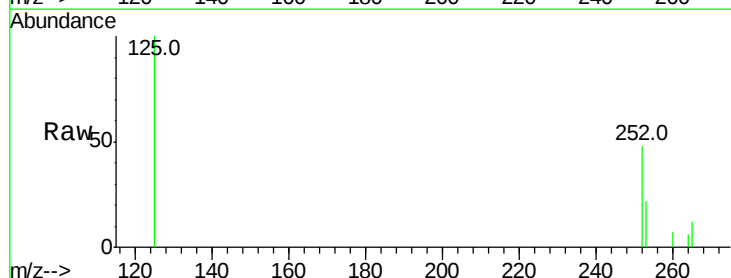
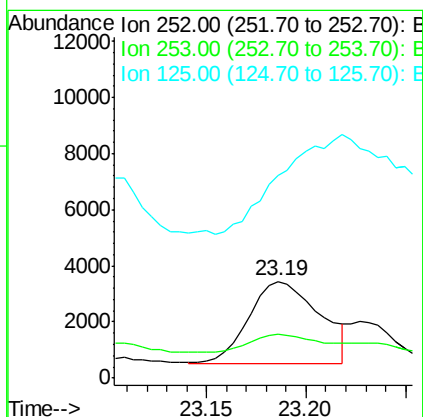
Tgt Ion:252 Resp: 7235

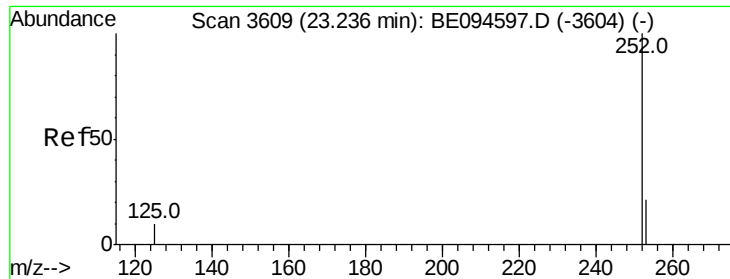
Ion Ratio Lower Upper

252 100

253 45.6 0.0 64.2

125 209.4 0.0 35.0#





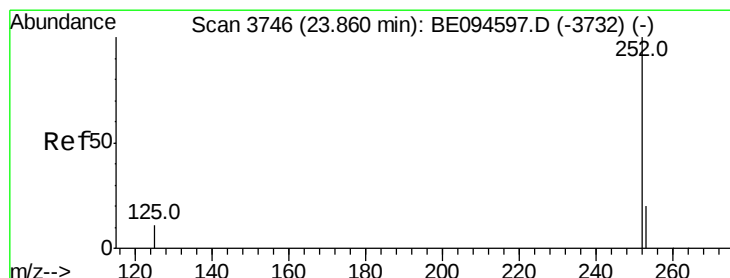
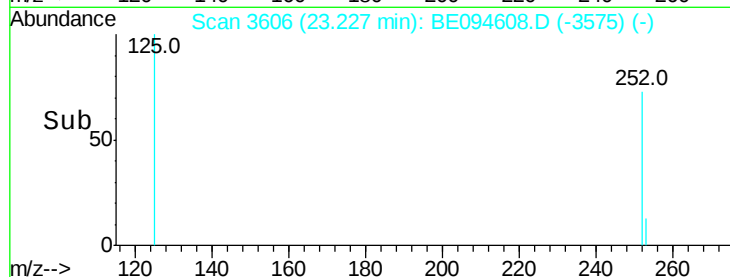
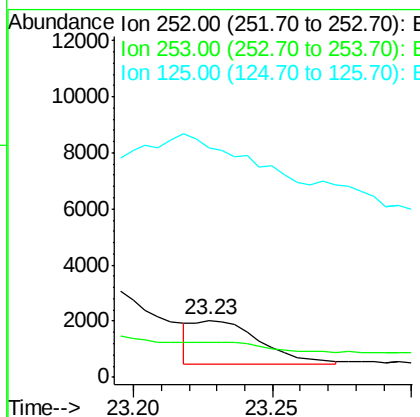
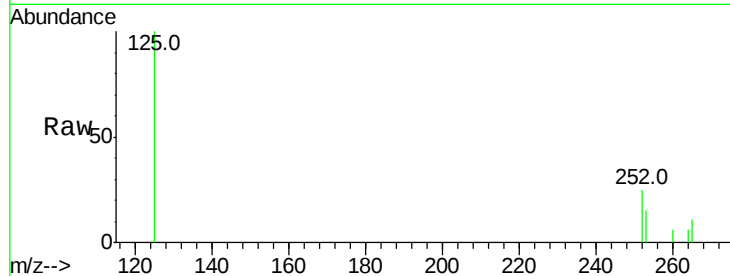
#22
Benzo(k)fluoranthene
Concen: 0.129 ng/ul m
RT: 23.23 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094608.D
Acq: 27 Oct 2017 22:33

Instrument :
BNA_E
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	61.9	24.5	36.7#
125	403.4	13.7	20.5#

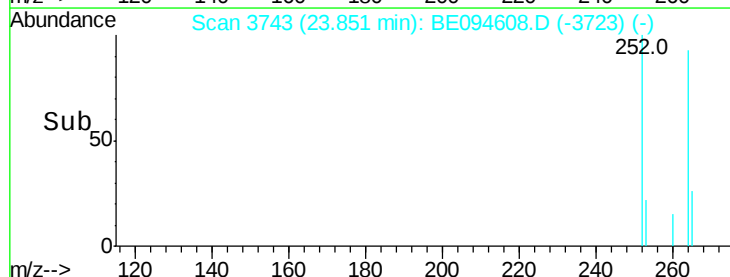
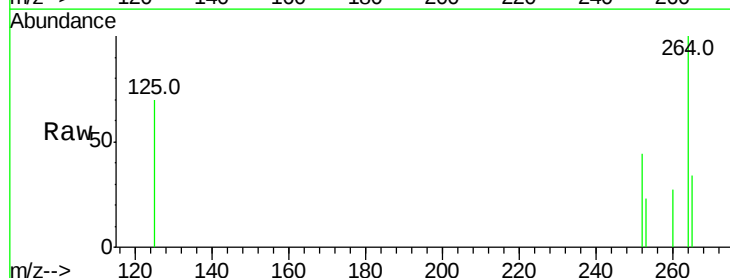
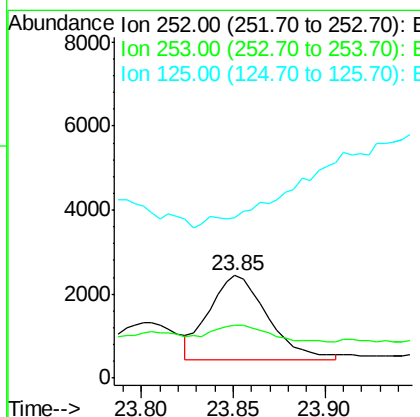
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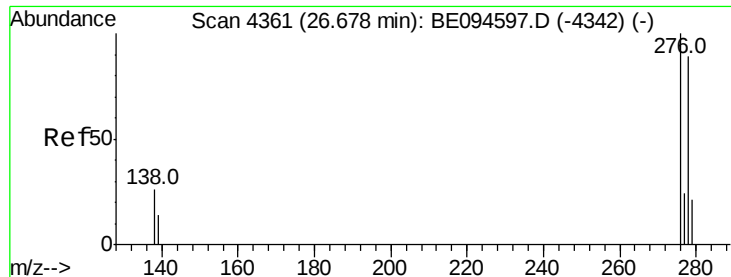
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#23
Benzo(a)pyrene
Concen: 0.230 ng/ul m
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094608.D
Acq: 27 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.5	28.5	42.7#
125	157.6	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng/ul m

RT: 26.67 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BE094608.D

Acq: 27 Oct 2017 22:33

Instrument :

BNA_E

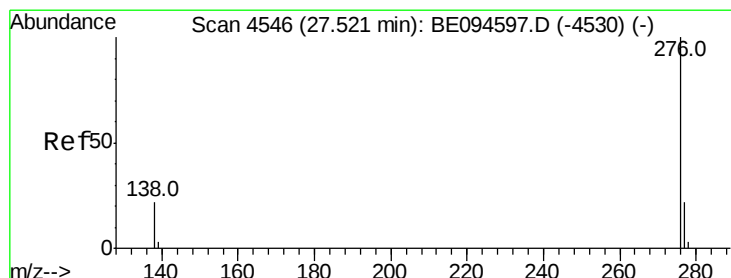
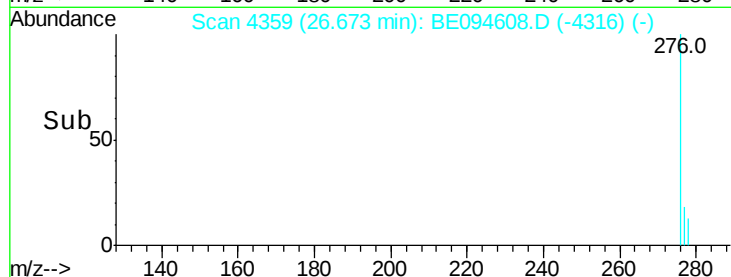
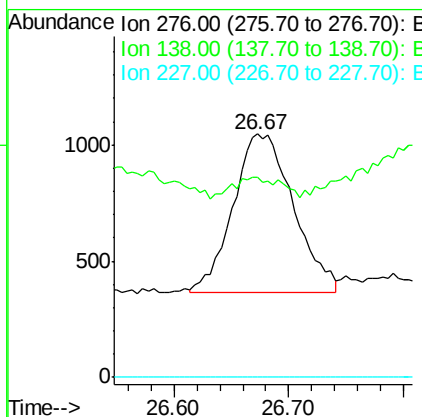
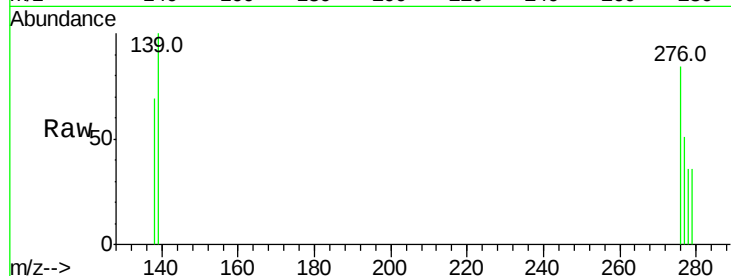
ClientSampled :

C0AB1

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

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#26

Benzo(g,h,i)perylene

Concen: 0.114 ng/ul m

RT: 27.52 min Scan# 4545

Delta R.T. -0.00 min

Lab File: BE094608.D

Acq: 27 Oct 2017 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	110.2	21.8	32.8#
277	74.9	20.5	30.7#

