

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094252.D
 Acq On : 10 Oct 2017 13:42
 Operator : SJ/JU
 Sample : I5522-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD6

Manual Integrations
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Quant Time: Oct 11 06:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 06:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1796	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9273	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5612	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11474m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11550	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11593m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4205	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11024	0.29	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	4057	0.135	ng/ul	94
13) Anthracene	17.38	178	1155m	0.040	ng/ul	
15) Fluoranthene	19.30	202	11933	0.303	ng/ul	85
17) Pyrene	19.66	202	12209	0.380	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	4988	0.163	ng/ul#	90
19) Chrysene	21.45	228	6597	0.186	ng/ul#	90
21) Benzo(b)fluoranthene	23.15	252	8573	0.272	ng/ul	90
22) Benzo(k)fluoranthene	23.20	252	2944m	0.081	ng/ul	
23) Benzo(a)pyrene	23.81	252	5753m	0.176	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	4166m	0.124	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	1178m	0.042	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	4121m	0.143	ng/ul	

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

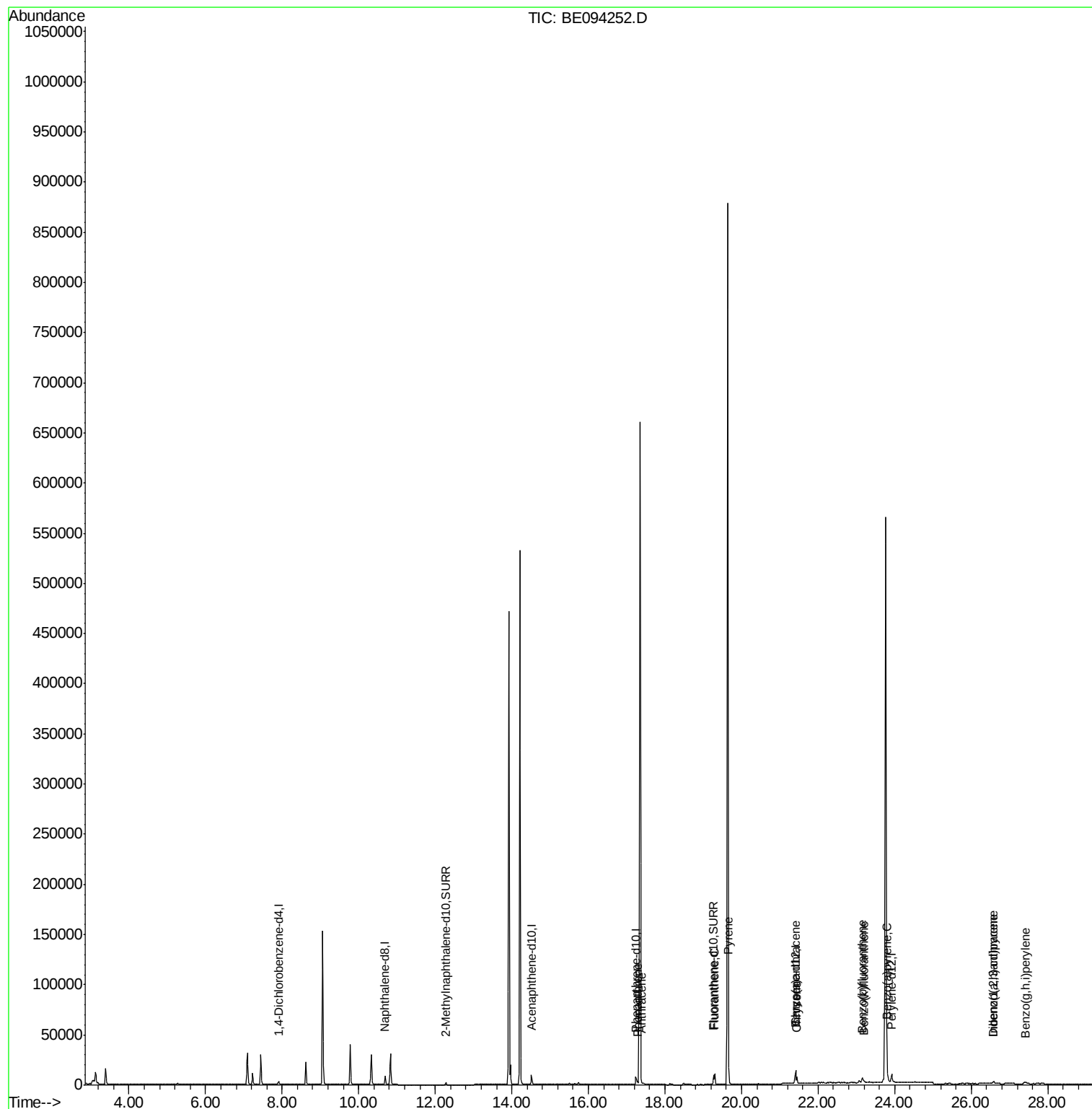
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094252.D
Acq On : 10 Oct 2017 13:42
Operator : SJ/JU
Sample : I5522-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

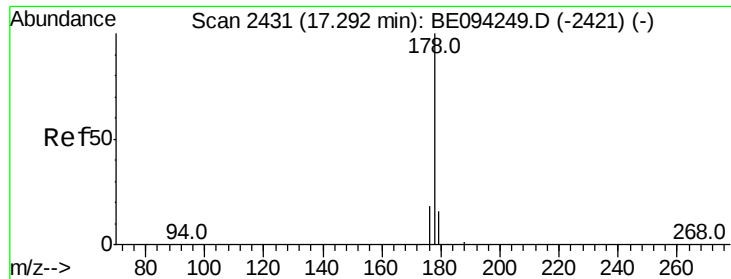
Instrument :
BNA_E
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#12

Phenanthrene

Concen: 0.135 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094252.D

Acq: 10 Oct 2017 13:42

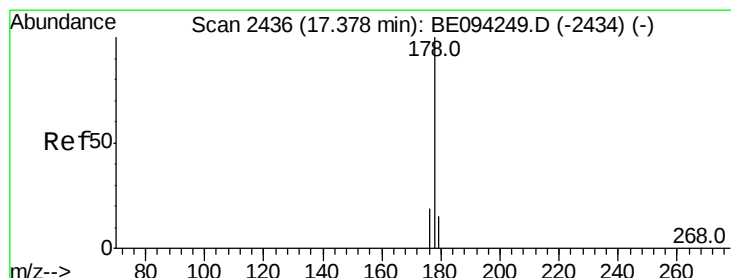
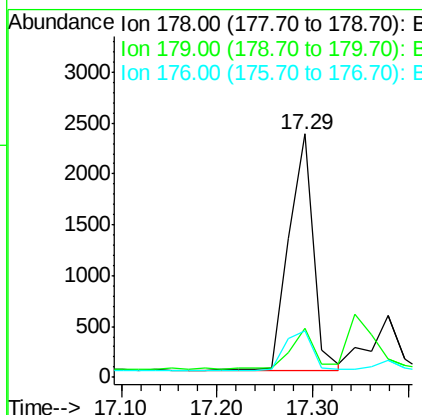
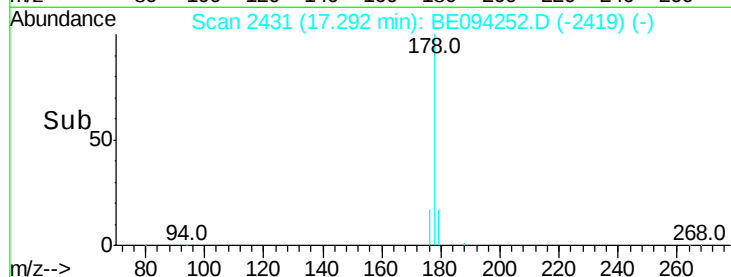
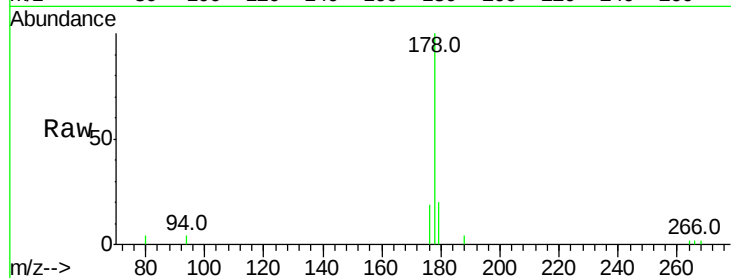
Instrument :
BNA_E
ClientSampleId :
C0AD6

Tot Ion:178 Resp: 4057

Ion	Ratio	Lower	Upper
178	100		
179	19.9	18.4	27.6
176	19.0	13.6	20.4

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#13

Anthracene

Concen: 0.040 ng/ul m

RT: 17.38 min Scan# 2436

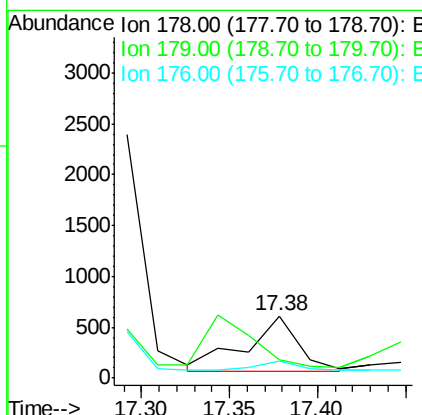
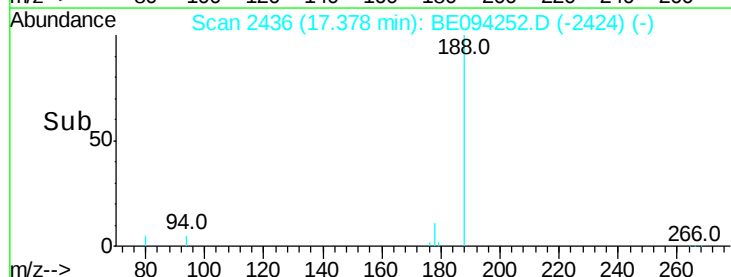
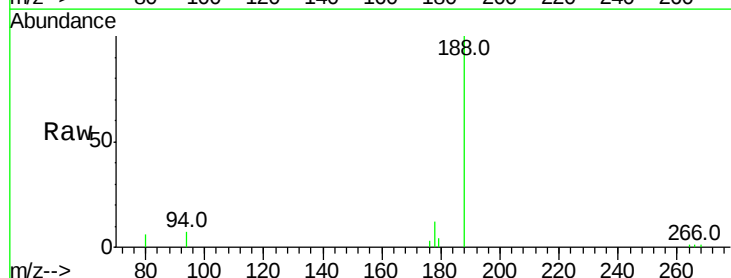
Delta R.T. 0.00 min

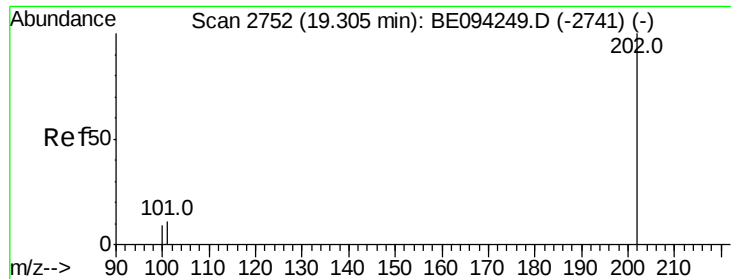
Lab File: BE094252.D

Acq: 10 Oct 2017 13:42

Tgt Ion:178 Resp: 1155

Ion	Ratio	Lower	Upper
178	100		
179	29.4	18.1	27.1#
176	27.3	14.7	22.1#





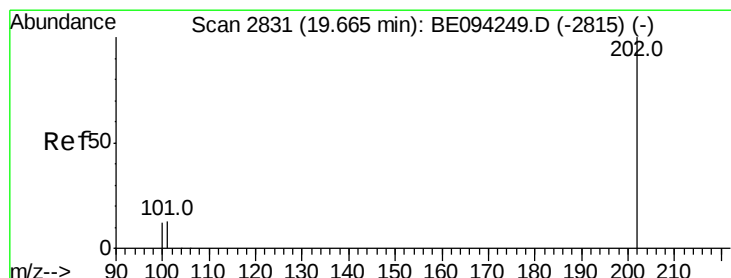
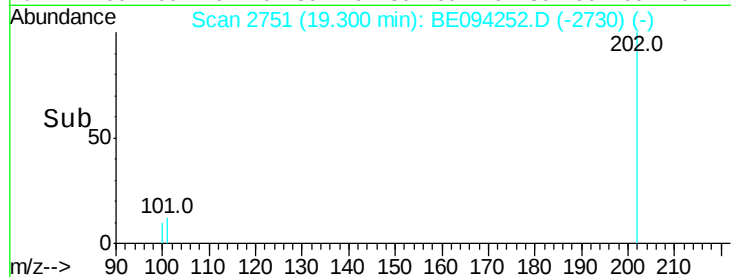
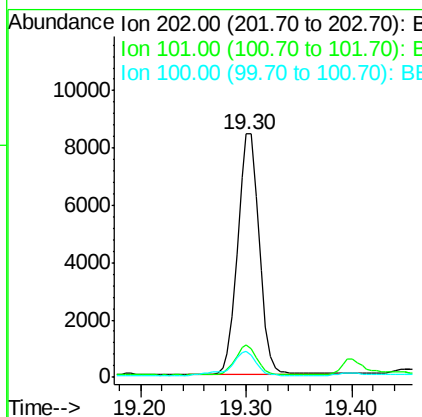
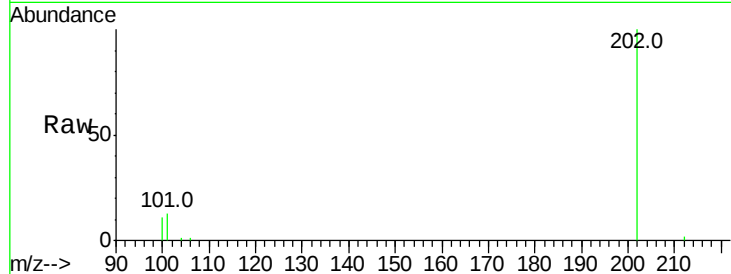
#15
Fluoranthene
 Concen: 0.303 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE094252.D
 Acq: 10 Oct 2017 13:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AD6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	30.3
100	10.9	0.0	39.5

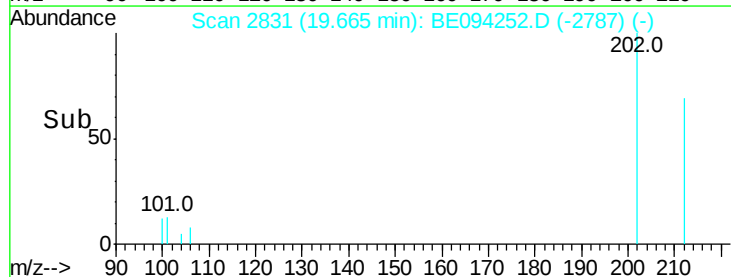
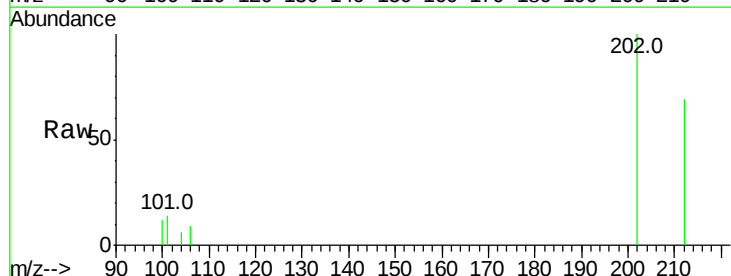
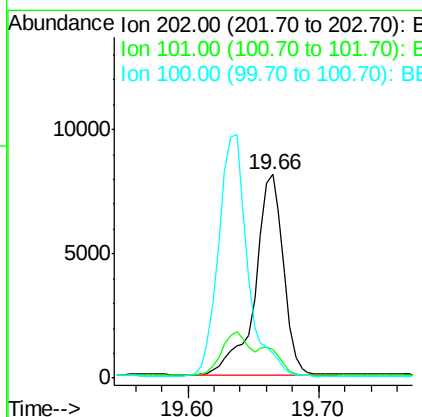
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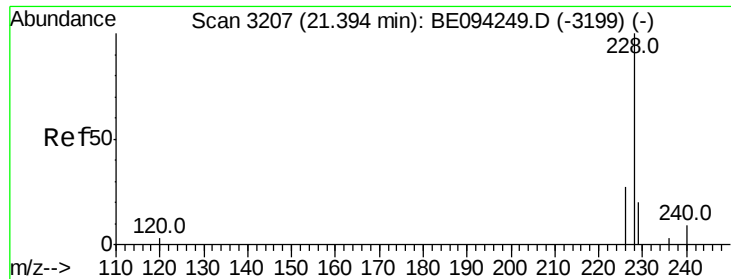
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#17
Pyrene
 Concen: 0.380 ng/ul
 RT: 19.66 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BE094252.D
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.5	15.6	23.4#





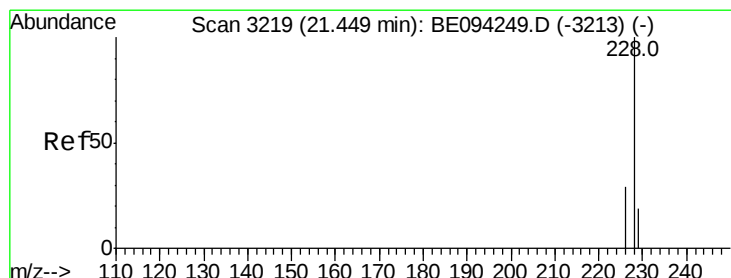
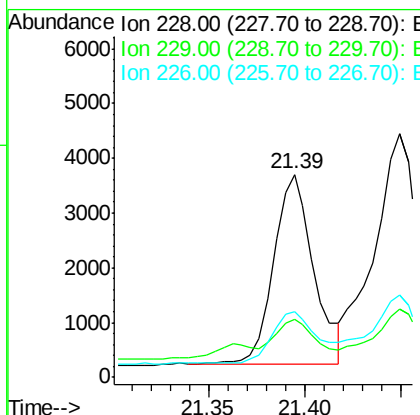
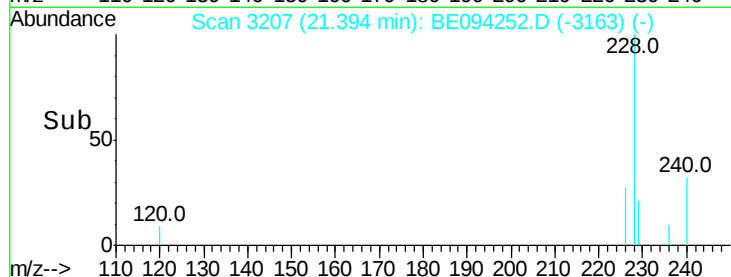
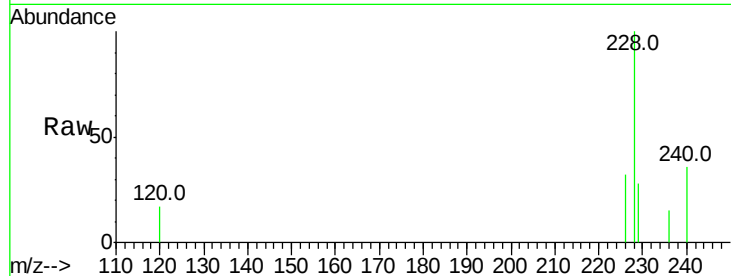
#18
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE094252.D
Acq: 10 Oct 2017 13:42

Instrument :
BNA_E
ClientSampleId :
C0AD6

Tot Ion	Ratio	Lower	Upper
228	100		
229	28.3	22.8	34.2
226	32.4	17.0	25.6

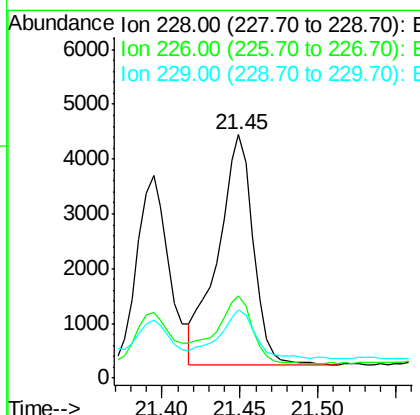
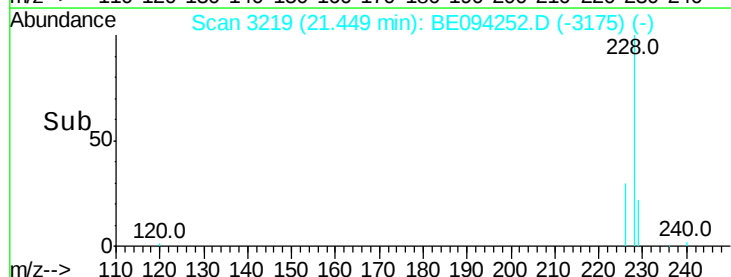
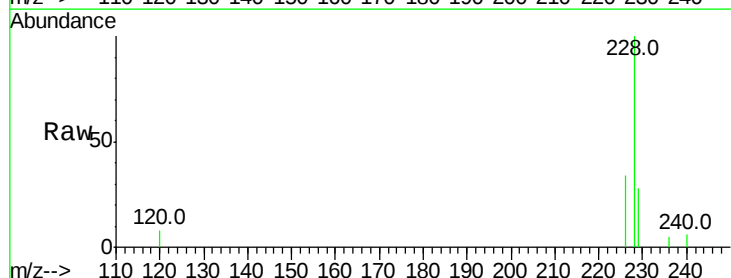
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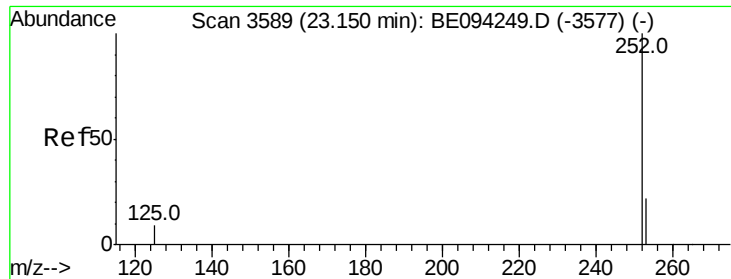
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#19
Chrysene
Concen: 0.186 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE094252.D
Acq: 10 Oct 2017 13:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.0
229	28.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.272 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE094252.D

Acq: 10 Oct 2017 13:42

Instrument :

BNA_E

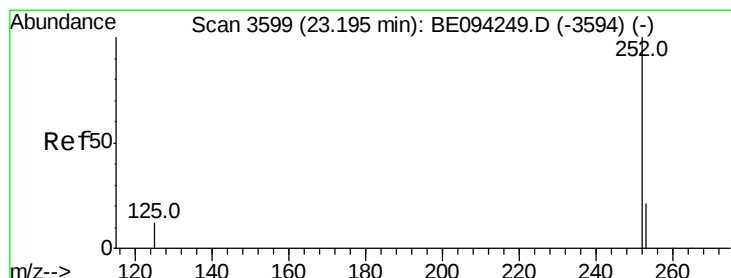
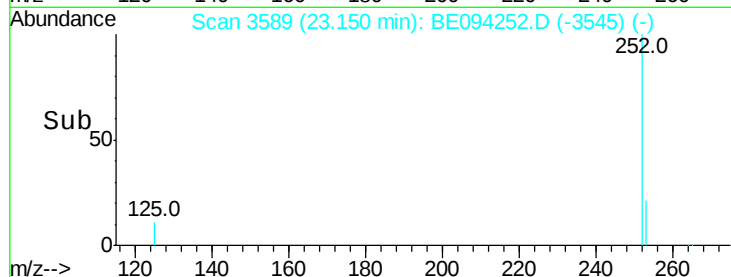
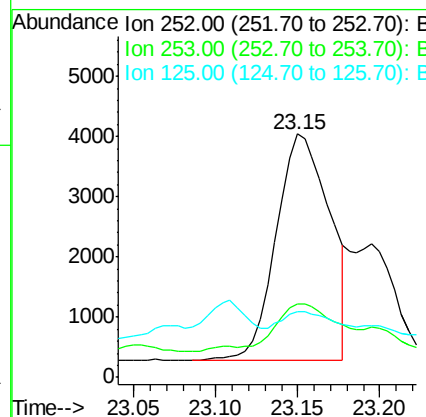
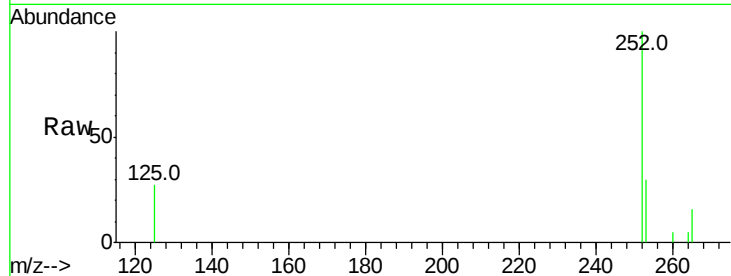
ClientSampled :

C0AD6

Tot Ion:	252	Resp:	8573
Ion Ratio	Lower	Upper	
252	100		
253	29.9	0.0	64.2
125	26.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.081 ng/ul m

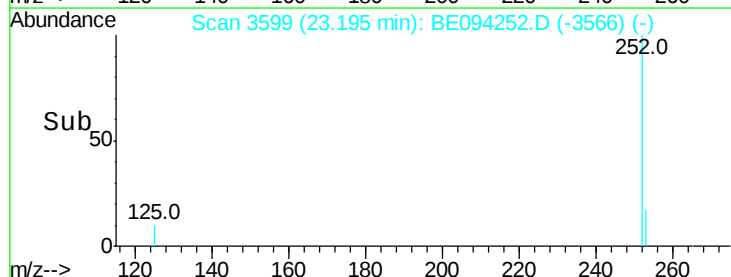
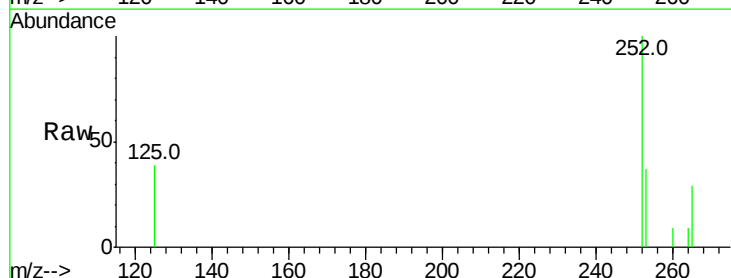
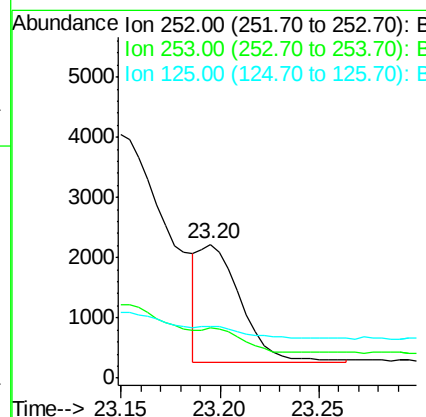
RT: 23.20 min Scan# 3599

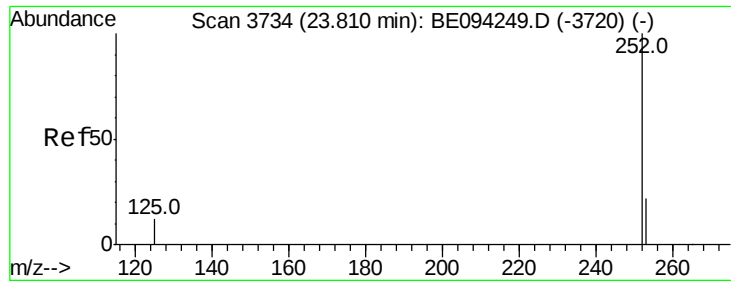
Delta R.T. -0.00 min

Lab File: BE094252.D

Acq: 10 Oct 2017 13:42

Tgt Ion:	252	Resp:	2944
Ion Ratio	Lower	Upper	
252	100		
253	37.4	24.5	36.7#
125	38.8	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.176 ng/ul m

RT: 23.81 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BE094252.D

Acq: 10 Oct 2017 13:42

Instrument :

BNA_E

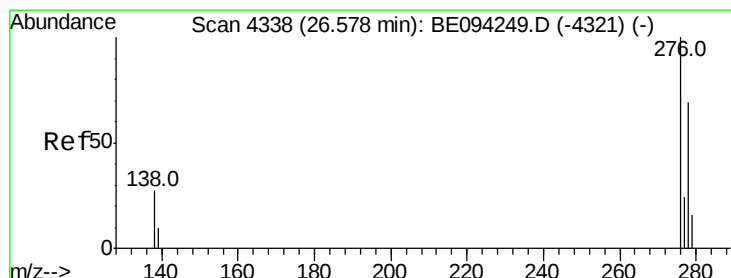
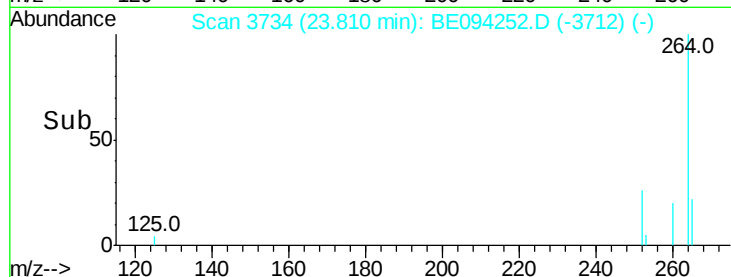
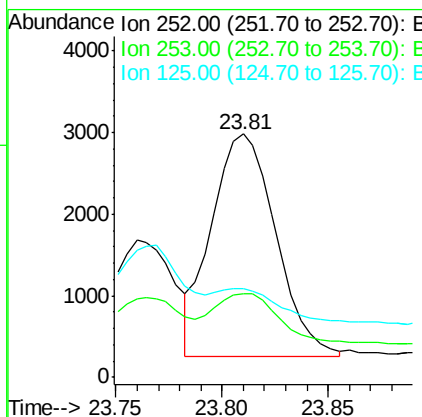
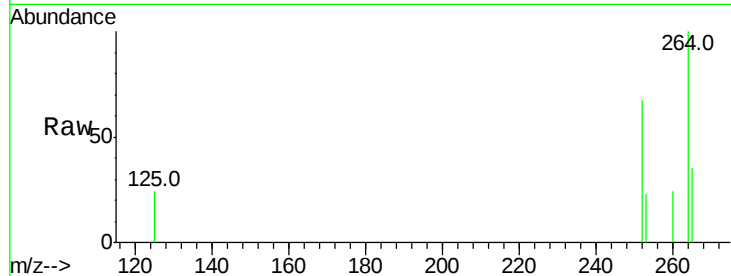
ClientSampled :

C0AD6

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.4	28.5	42.7
125	36.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.124 ng/ul m

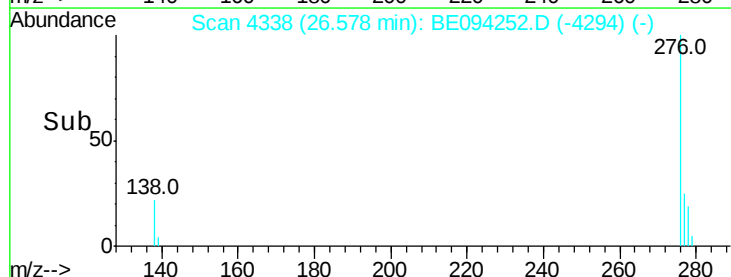
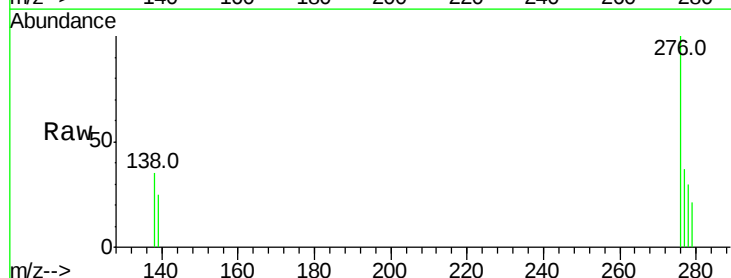
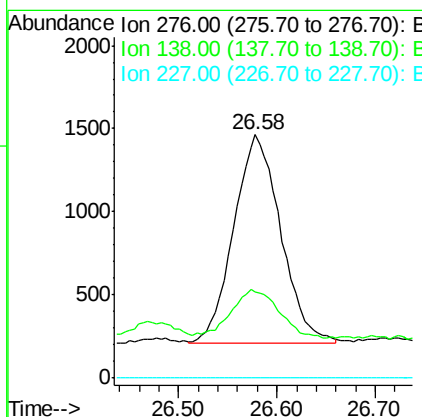
RT: 26.58 min Scan# 4338

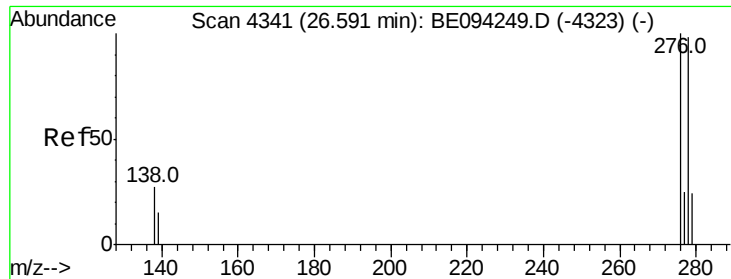
Delta R.T. 0.00 min

Lab File: BE094252.D

Acq: 10 Oct 2017 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.0	28.0	42.0#
227	0.0	8.0	12.0#





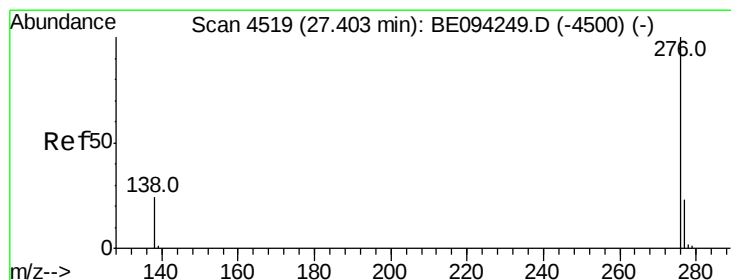
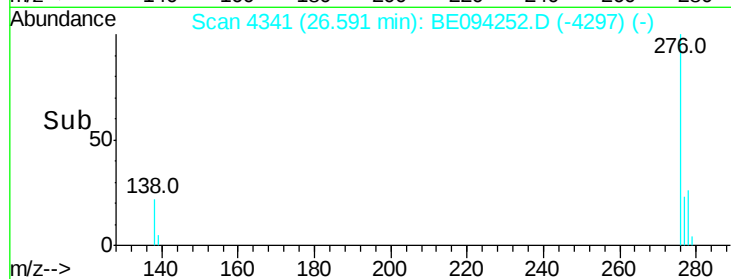
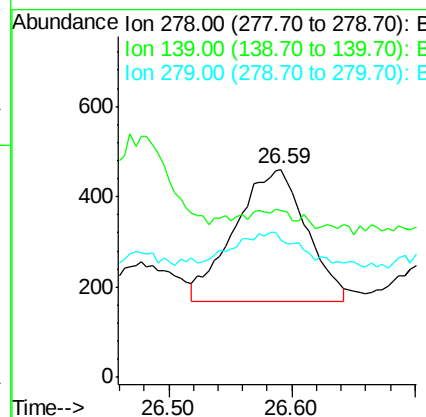
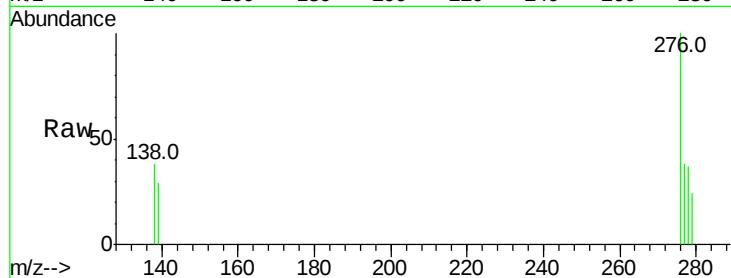
#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul m
RT: 26.59 min Scan# 4341
Delta R.T. 0.00 min
Lab File: BE094252.D
Acq: 10 Oct 2017 13:42

Instrument :
BNA_E
ClientSampled :
C0AD6

Tot Ion	Ratio	Lower	Upper
278	100		
139	80.3	17.4	26.0#
279	65.7	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul m
RT: 27.40 min Scan# 4519
Delta R.T. 0.00 min
Lab File: BE094252.D
Acq: 10 Oct 2017 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.0	21.8	32.8#
277	37.2	20.5	30.7#

