

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094571.D
 Acq On : 26 Oct 2017 20:29
 Operator : SJ/JU
 Sample : I5786-10 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-4

Manual Integrations
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Quant Time: Oct 27 08:55:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1221	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6937	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8934	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8773	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9088	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	744	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1870	0.07	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.74	128	2043	0.120	ng/ul#	92
12) Phenanthrene	17.29	178	3080	0.131	ng/ul#	93
15) Fluoranthene	19.31	202	5195	0.190	ng/ul	84
17) Pyrene	19.67	202	6368	0.235	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	3798	0.151	ng/ul#	64
19) Chrysene	21.46	228	7007	0.270	ng/ul#	74
21) Benzo(b)fluoranthene	23.17	252	7228m	0.283	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	2042m	0.075	ng/ul	
23) Benzo(a)pyrene	23.84	252	4772	0.187	ng/ul#	39
24) Indeno(1,2,3-cd)pyrene	26.65	276	3387	0.128	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.64	278	1181	0.053	ng/ul#	1
26) Benzo(g,h,i)perylene	27.48	276	3199	0.151	ng/ul#	43

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

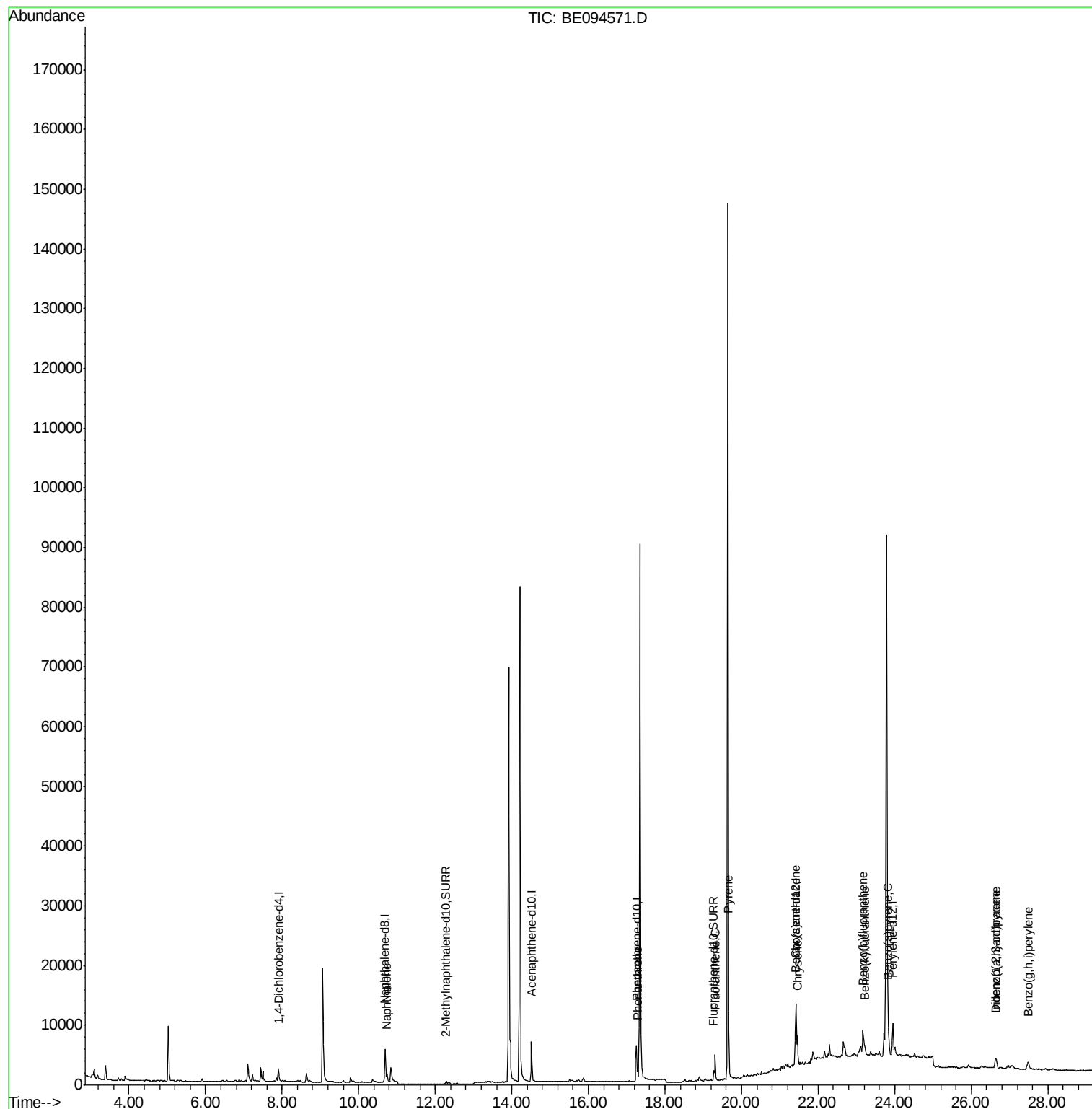
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094571.D
Acq On : 26 Oct 2017 20:29
Operator : SJ/JU
Sample : I5786-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

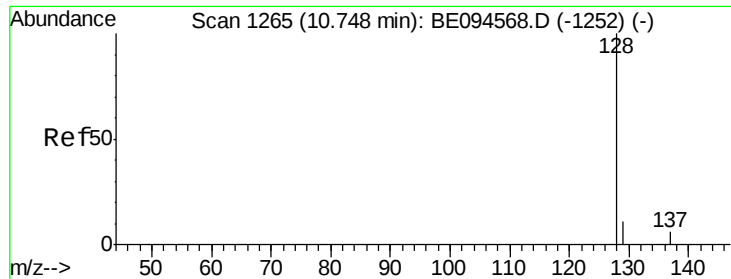
Instrument :
BNA_E
ClientSampleId :
DUP-4

Quant Time: Oct 27 08:55:03 2017
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#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

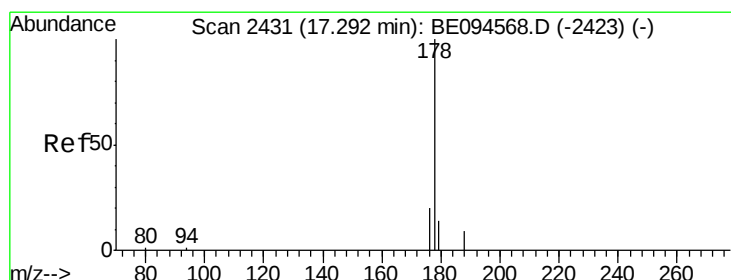
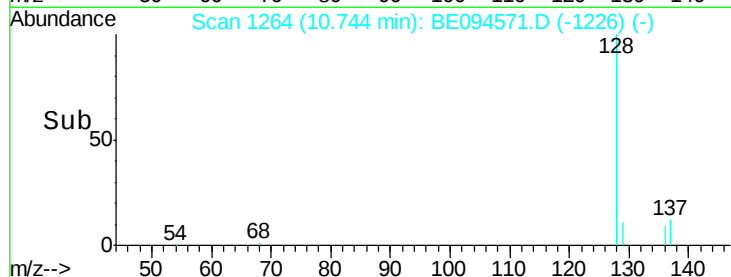
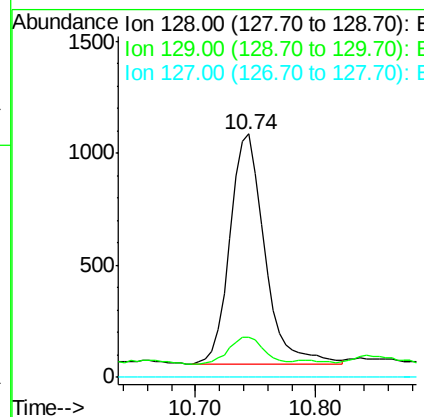
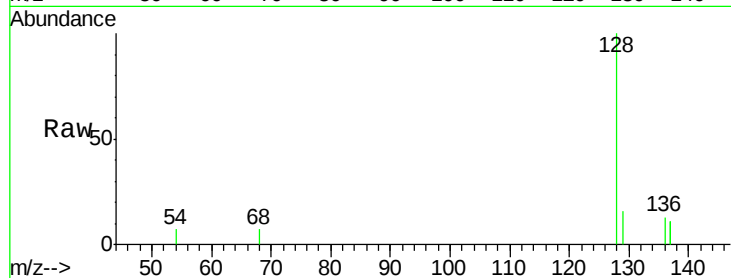
ClientSampled :

DUP-4

Tgt Ion:	128	Resp:	2043
Ion Ratio	Lower	Upper	
128	100		
129	16.5	11.3	16.9
127	0.0	4.0	6.0#

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#12

Phenanthrene

Concen: 0.131 ng/ul

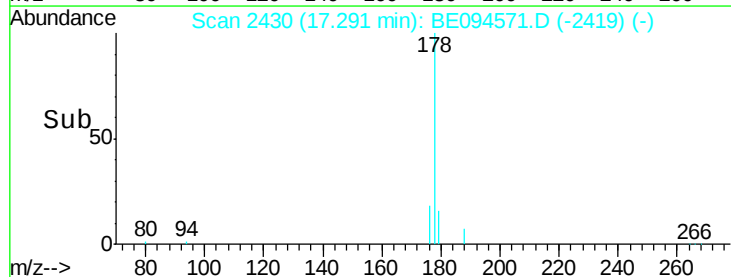
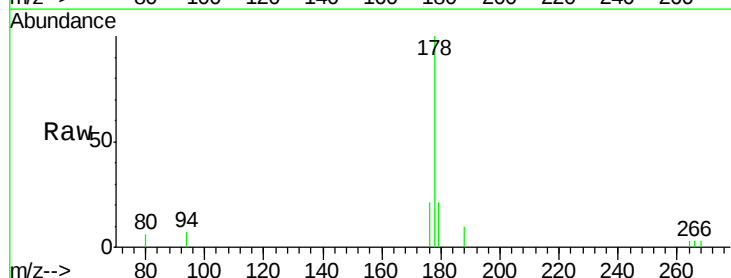
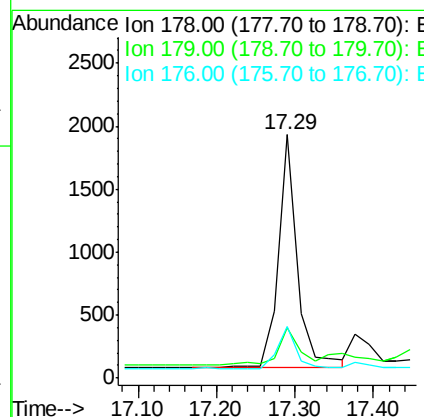
RT: 17.29 min Scan# 2430

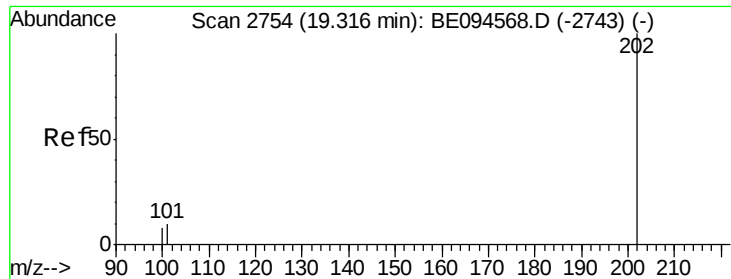
Delta R.T. -0.02 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

Tgt Ion:	178	Resp:	3080
Ion Ratio	Lower	Upper	
178	100		
179	20.7	18.4	27.6
176	21.4	13.6	20.4#





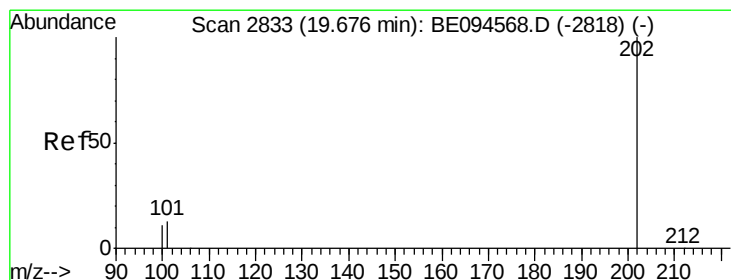
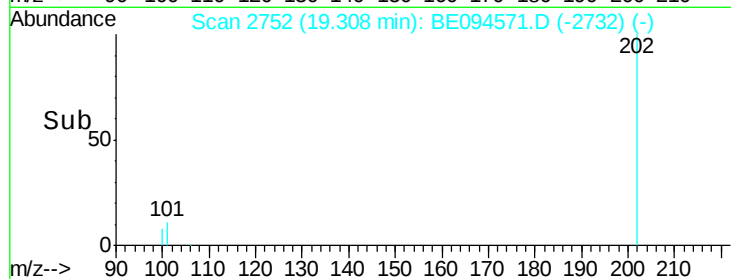
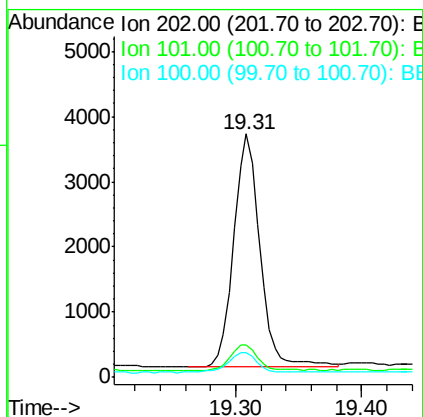
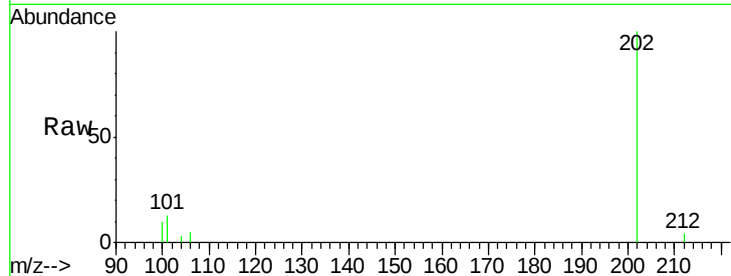
#15
Fluoranthene
Concen: 0.190 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Instrument :
BNA_E
ClientSampleId :
DUP-4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5195		
101	13.3	0.0	30.3	
100	10.1	0.0	39.5	

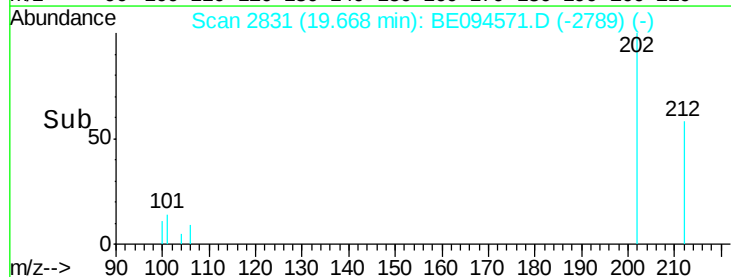
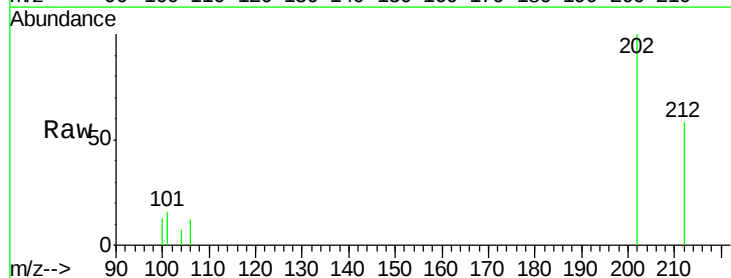
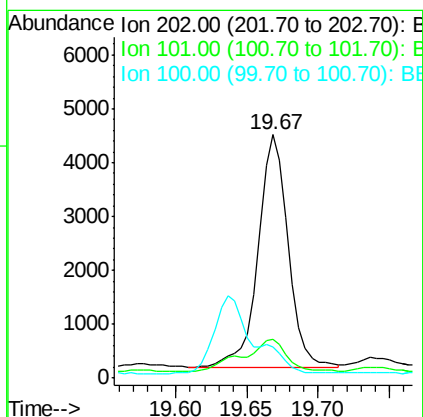
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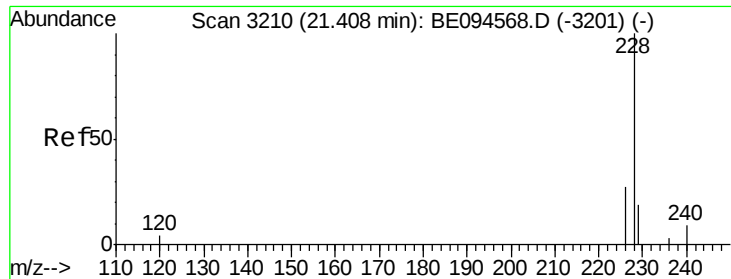
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#17
Pyrene
Concen: 0.235 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6368		
101	15.7	18.2	27.4#	
100	12.6	15.6	23.4#	





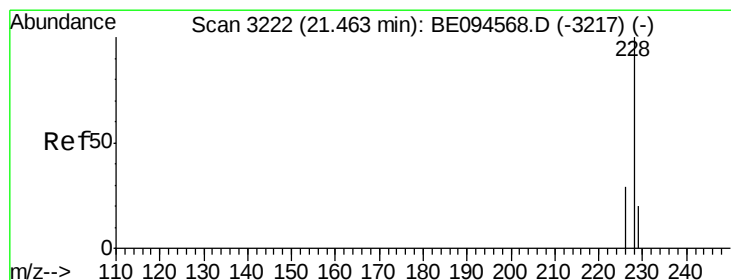
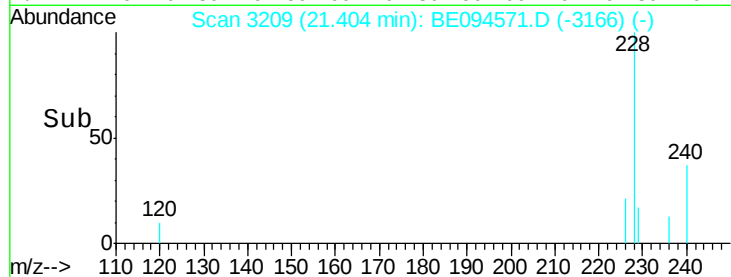
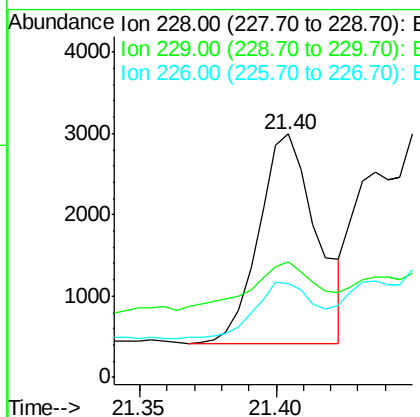
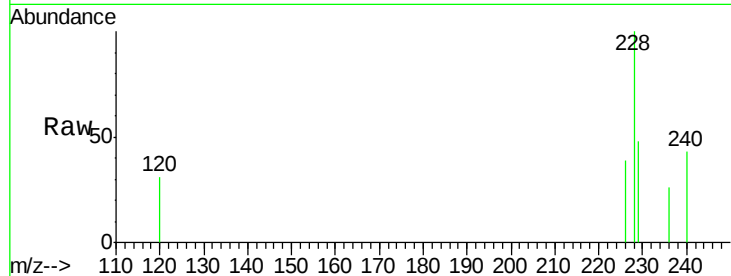
#18
Benzo(a)anthracene
Concen: 0.151 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Instrument :
BNA_E
ClientSampled :
DUP-4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	47.6	22.8	34.2#
226	38.6	17.0	25.6#

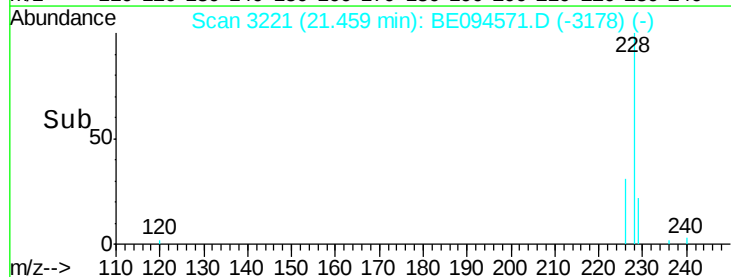
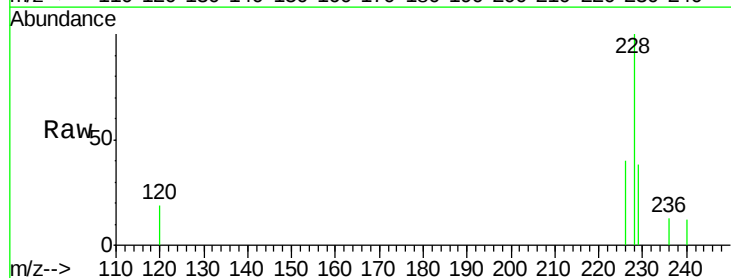
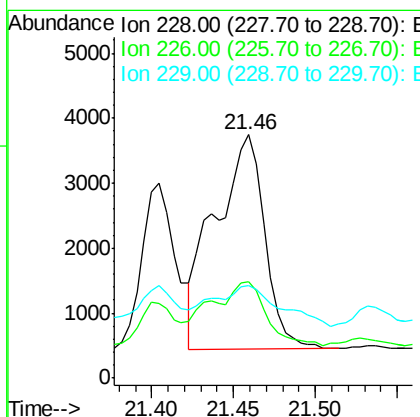
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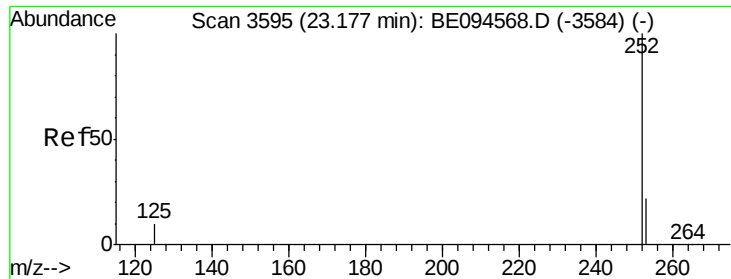
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#19
Chrysene
Concen: 0.270 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.9	23.4	35.0#
229	38.2	17.7	26.5#





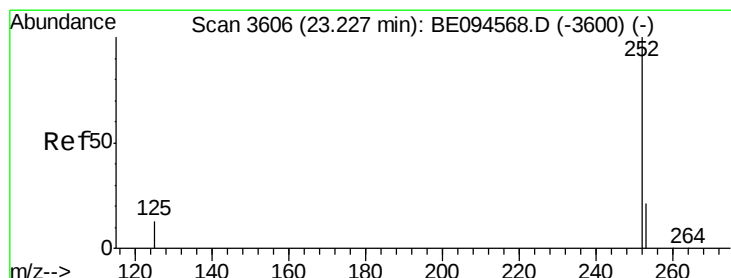
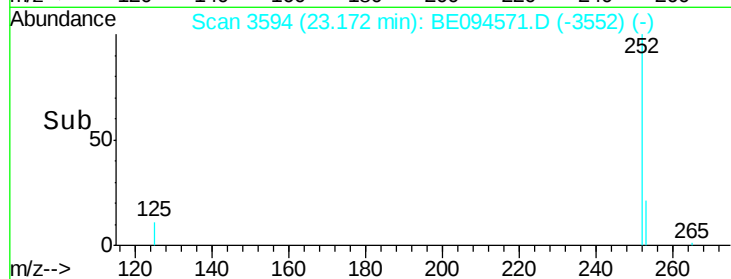
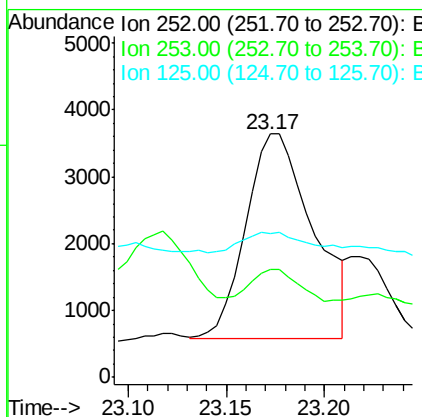
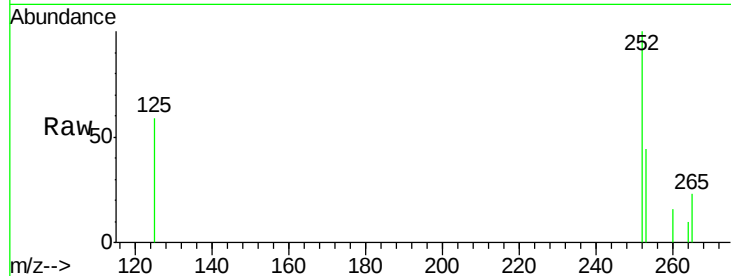
#21
Benzo(b)fluoranthene
Concen: 0.283 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Instrument :
BNA_E
ClientSampleId :
DUP-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	44.3	0.0	64.2
125	59.2	0.0	35.0#

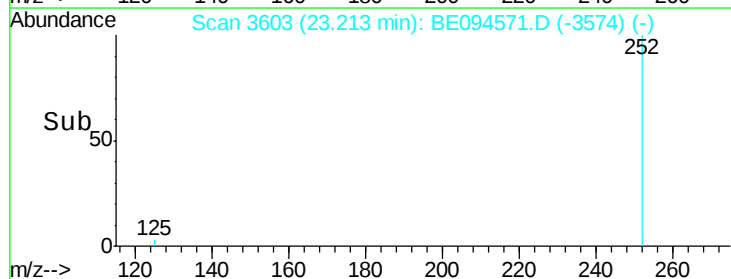
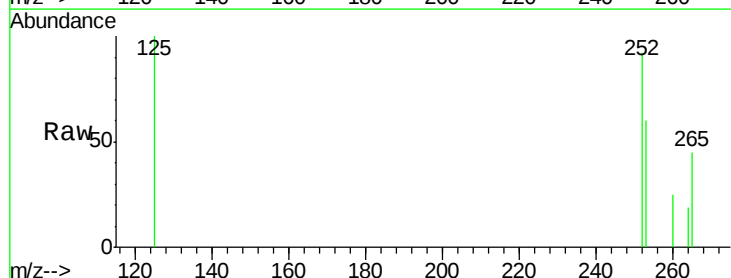
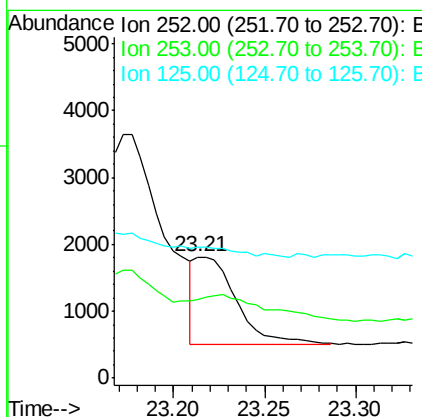
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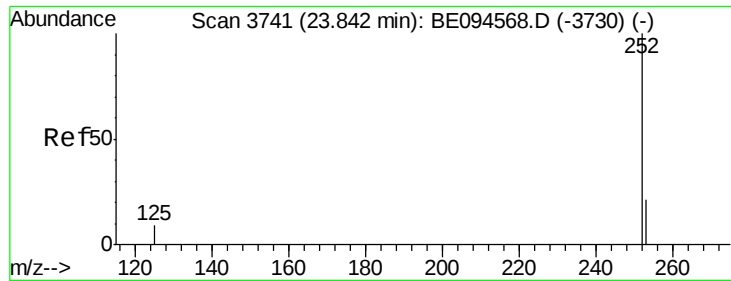
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#22
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	64.8	24.5	36.7#
125	108.2	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.187 ng/u1

RT: 23.84 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BE094571.D

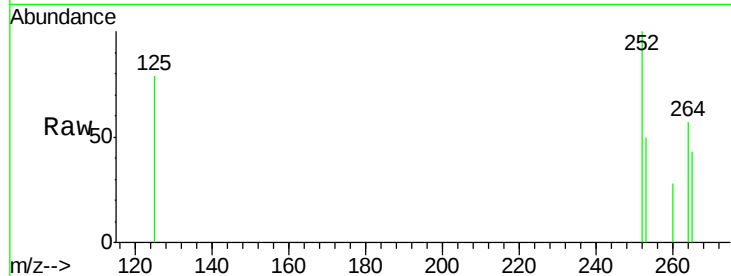
Acq: 26 Oct 2017 20:29

Instrument :

BNA_E

ClientSampleId :

DUP-4



Tgt Ion: 252 Resp: 4772

Ion Ratio Lower Upper

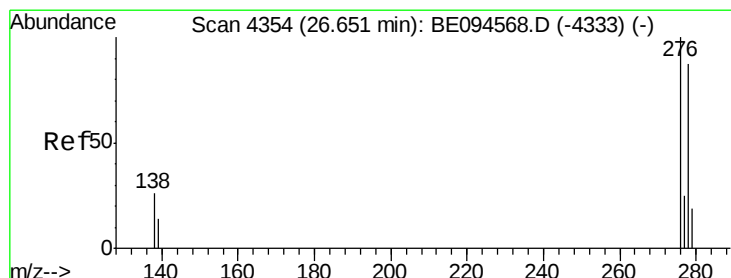
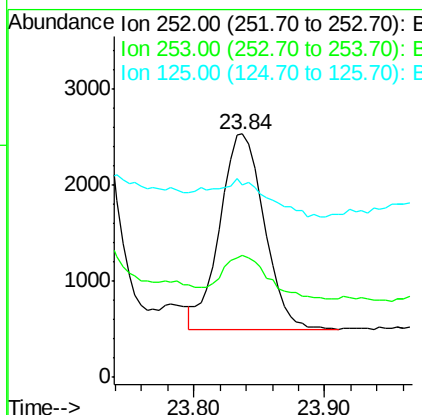
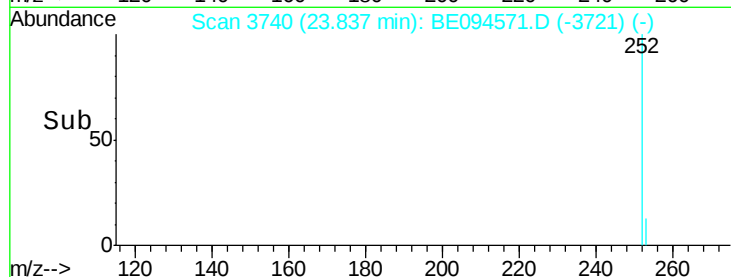
252 100

253 50.2 28.5 42.7#

125 79.0 18.1 27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.128 ng/u1

RT: 26.65 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BE094571.D

Acq: 26 Oct 2017 20:29

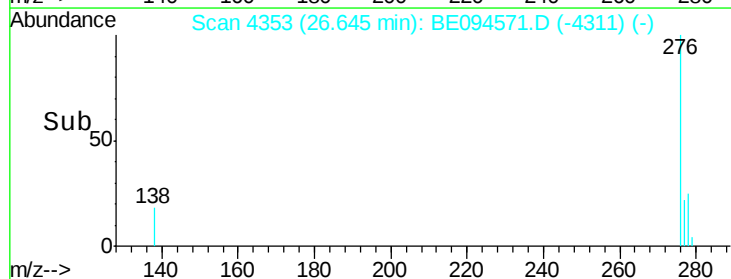
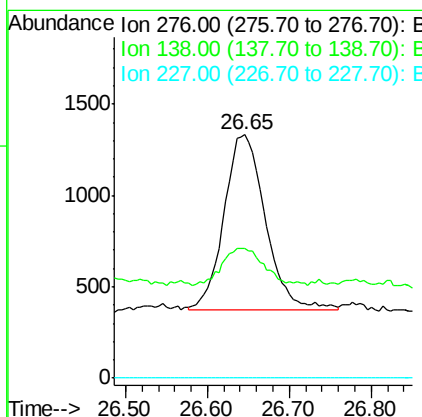
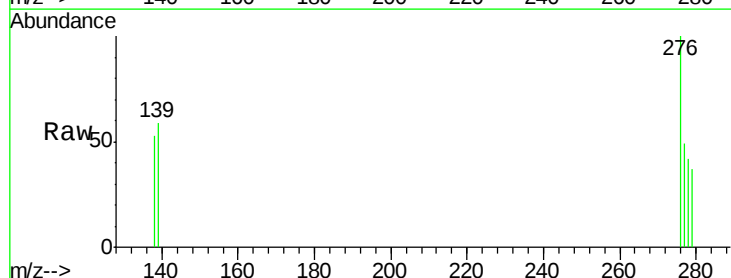
Tgt Ion: 276 Resp: 3387

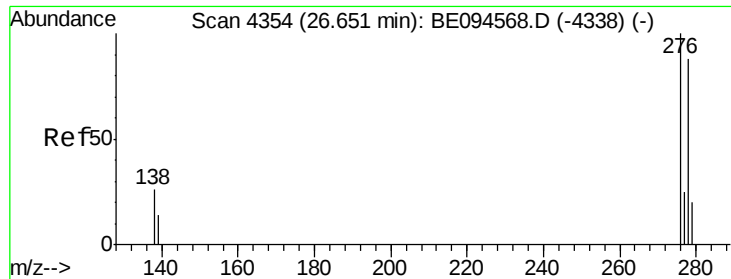
Ion Ratio Lower Upper

276 100

138 21.3 28.0 42.0#

227 0.0 8.0 12.0#





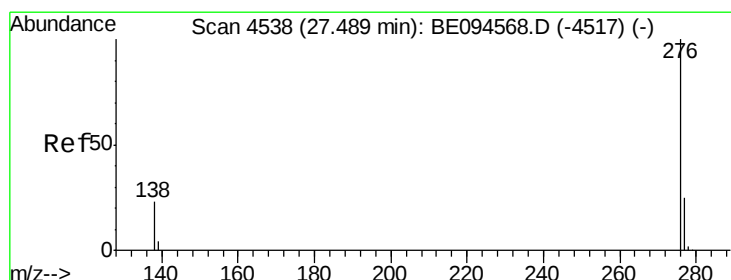
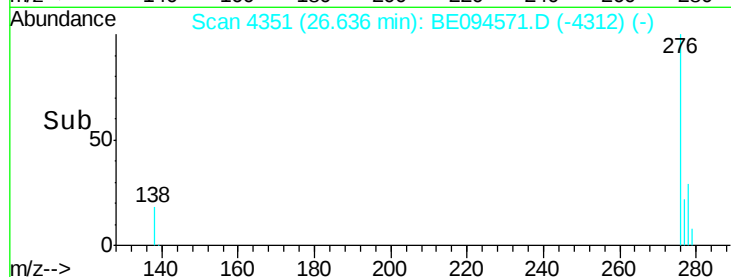
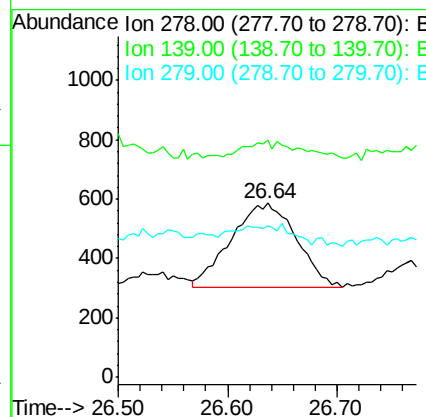
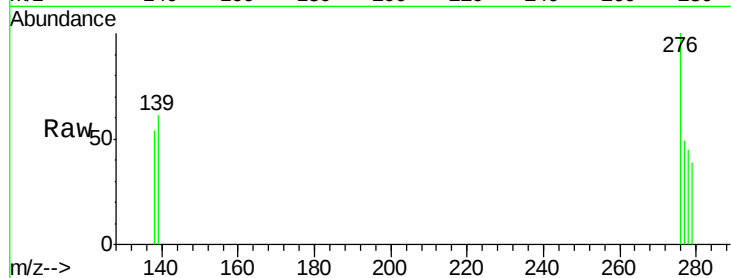
#25
Dibenzo(a,h)anthracene
Concen: 0.053 ng/u1
RT: 26.64 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Instrument :
BNA_E
ClientSampleId :
DUP-4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	136.3	17.4	26.0#
279	86.7	25.9	38.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.151 ng/u1
RT: 27.48 min Scan# 4537
Delta R.T. -0.01 min
Lab File: BE094571.D
Acq: 26 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	58.5	21.8	32.8#
277	52.8	20.5	30.7#

