

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE080618\
 Data File : BE097221.D
 Acq On : 6 Aug 2018 11:45
 Operator : SJ/JU
 Sample : J4171-20DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L3DL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 06 17:19:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 17:09:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3585	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8691	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9236	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10051	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	386	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1044	0.03	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.81	178	12149	0.548	ng/ul#	91
13) Anthracene	16.90	178	1958	0.095	ng/ul#	95
15) Fluoranthene	18.84	202	32271	1.102	ng/ul	84
17) Pyrene	19.20	202	33727	1.363	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	13908	0.527	ng/ul#	85
19) Chrysene	21.01	228	15947	0.586	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	18143m	0.662	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	8612m	0.292	ng/ul	
23) Benzo(a)pyrene	23.11	252	15272	0.557	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	11419	0.333	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	2425	0.086	ng/ul	94
26) Benzo(g,h,i)perylene	26.20	276	10802	0.364	ng/ul#	93

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

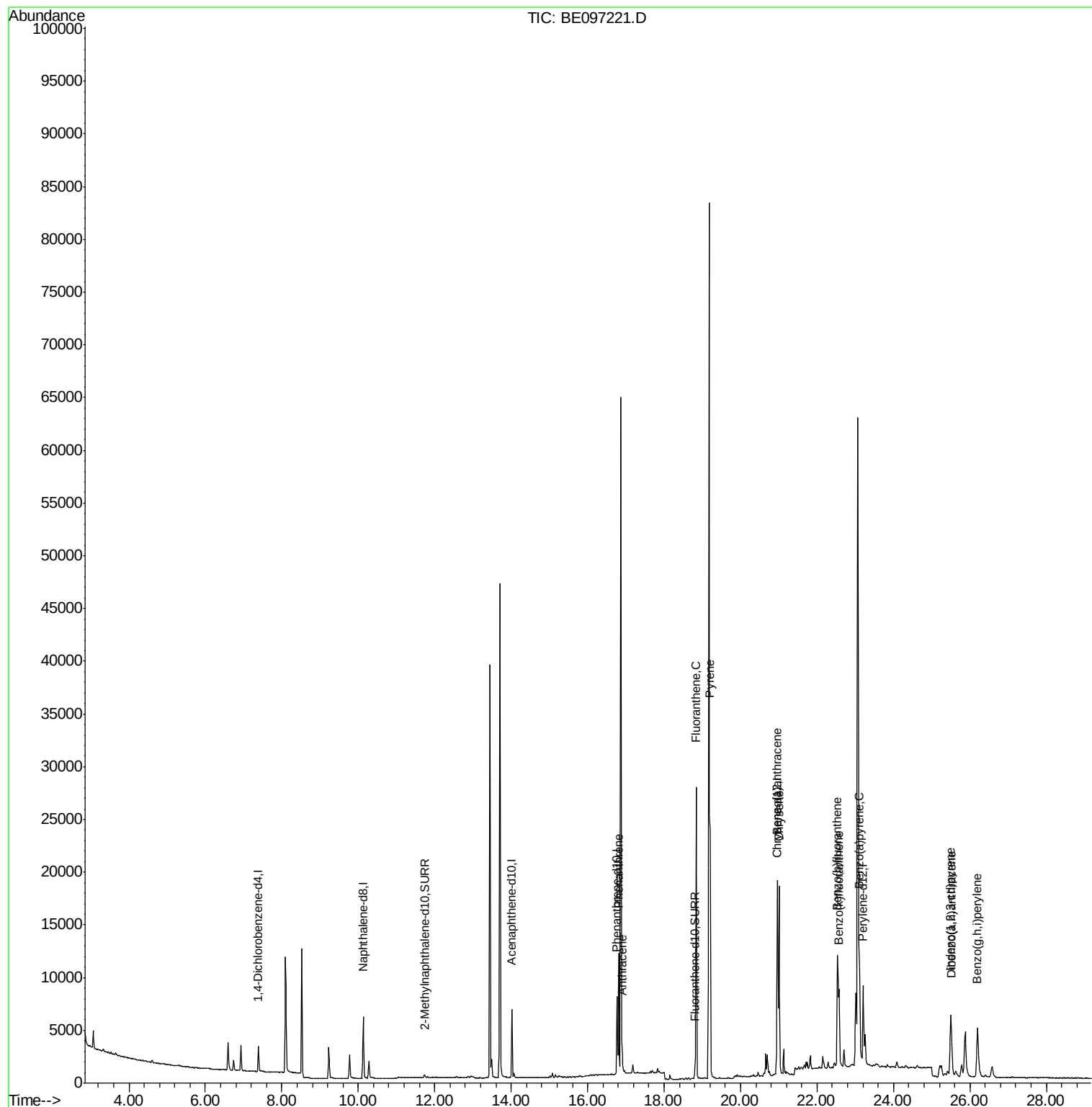
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE080618\
Data File : BE097221.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

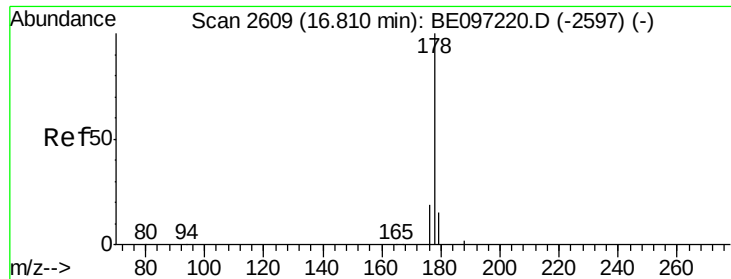
Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

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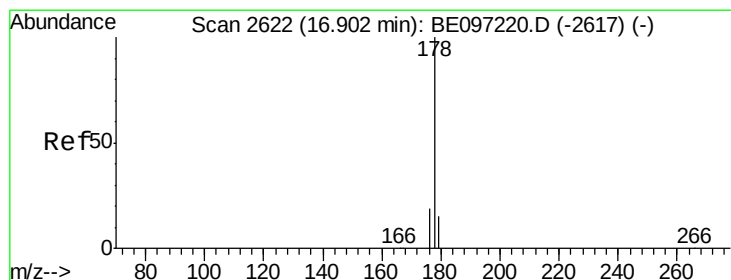
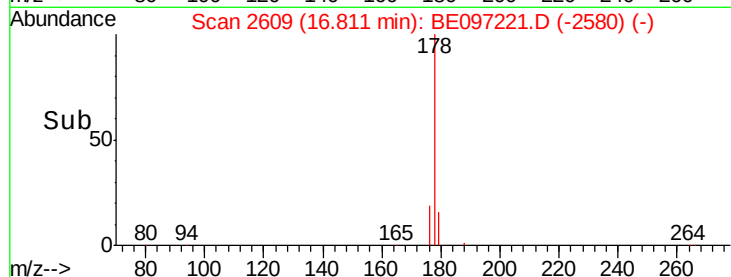
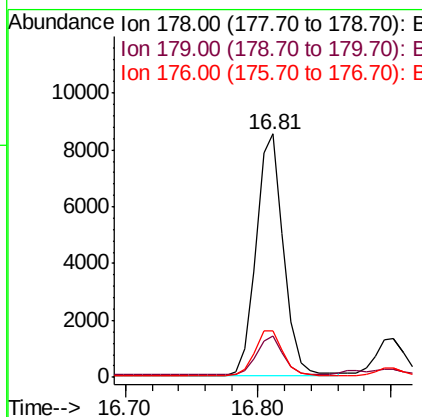
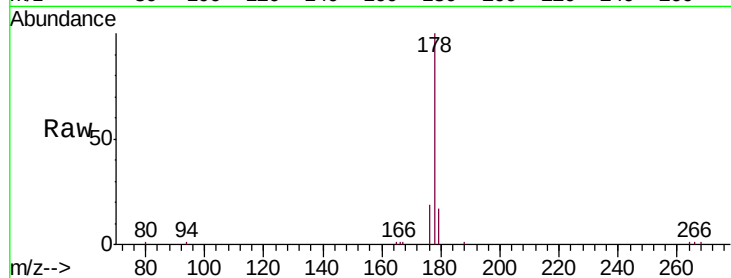
#12
Phenanthrene
Concen: 0.548 ng/ul
RT: 16.81 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.4	27.6#
176	19.3	13.6	20.4

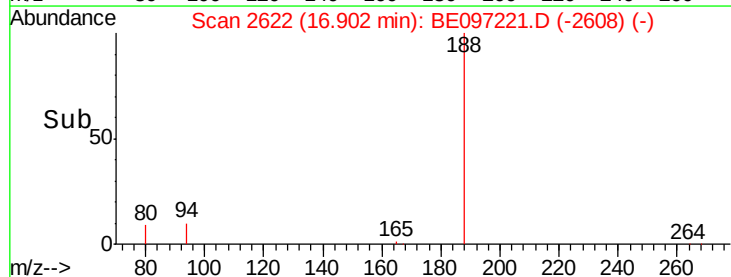
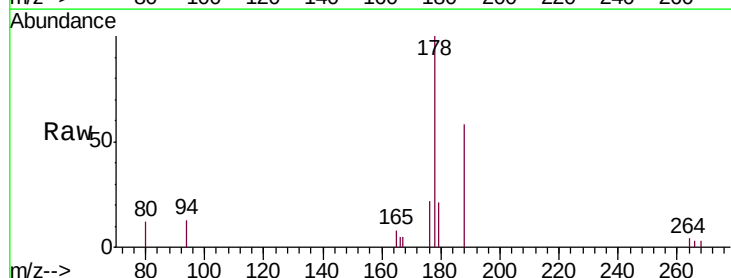
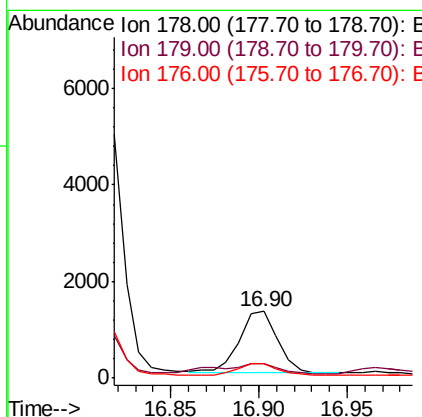
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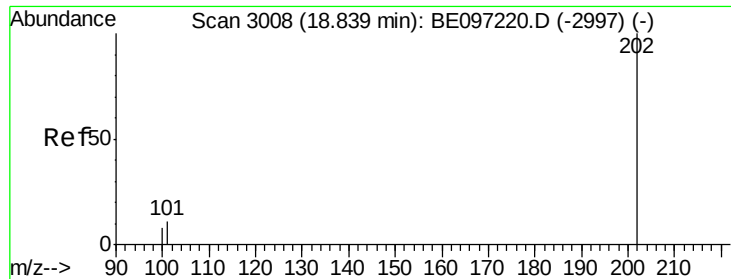
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#13
Anthracene
Concen: 0.095 ng/ul
RT: 16.90 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.5	18.1	27.1
176	22.3	14.7	22.1#





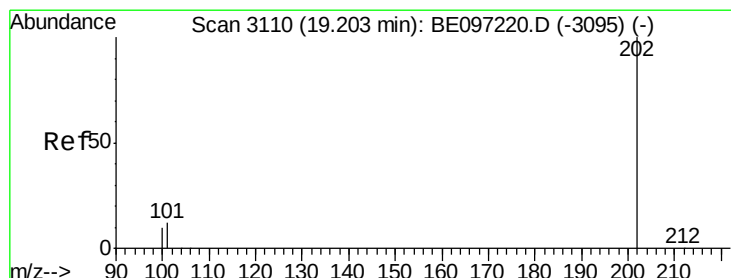
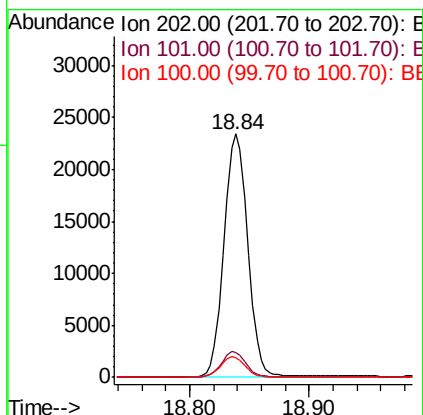
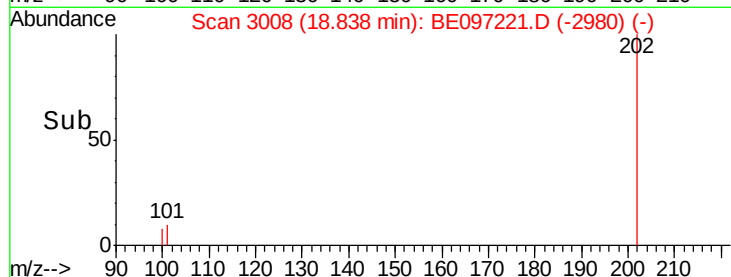
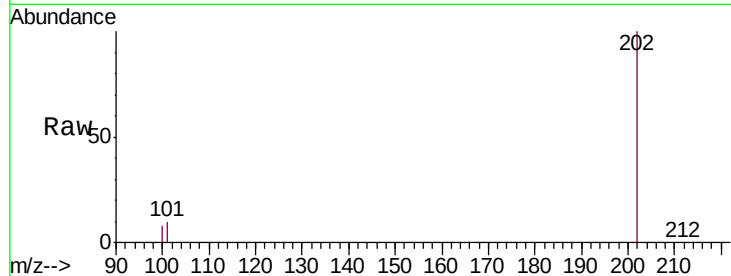
#15
Fluoranthene
Concen: 1.102 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32271		
101	10.4	0.0	30.3	
100	8.3	0.0	39.5	

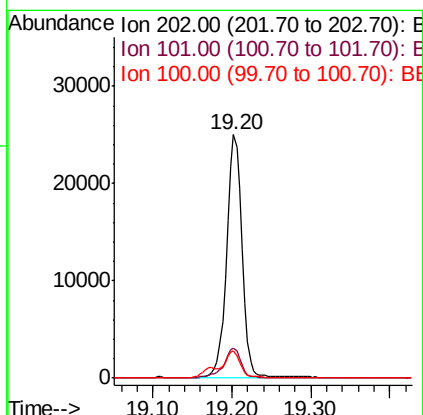
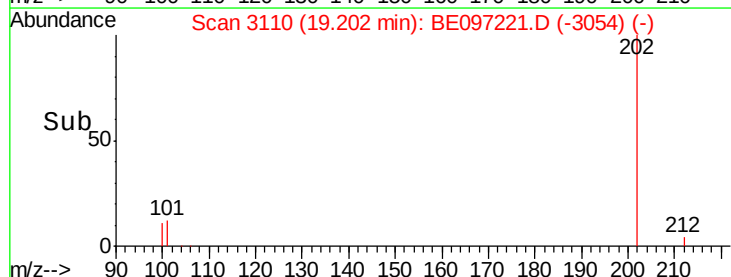
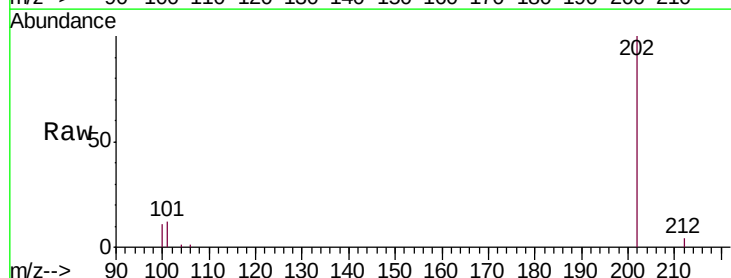
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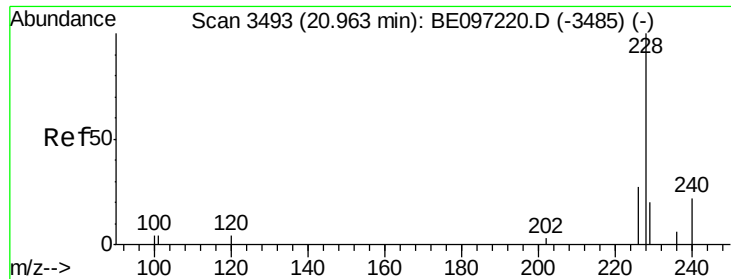
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#17
Pyrene
Concen: 1.363 ng/ul
RT: 19.20 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	33727		
101	12.5	18.2	27.4#	
100	11.0	15.6	23.4#	





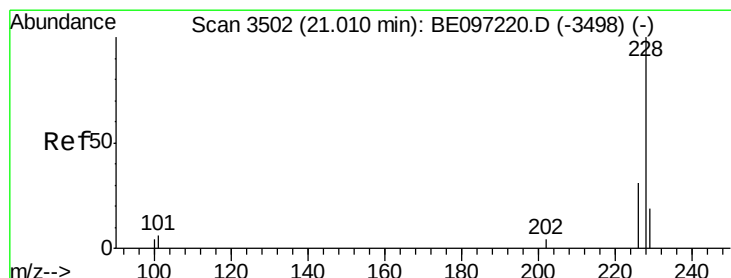
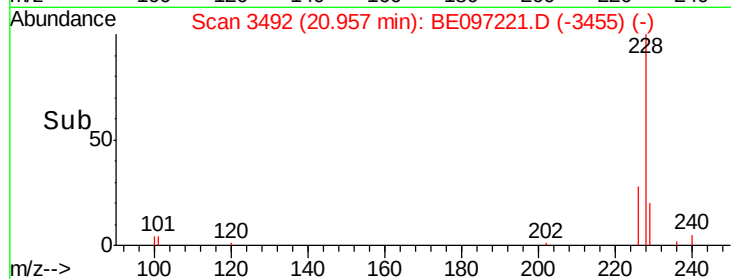
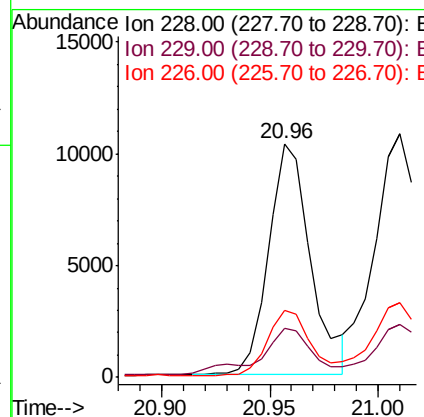
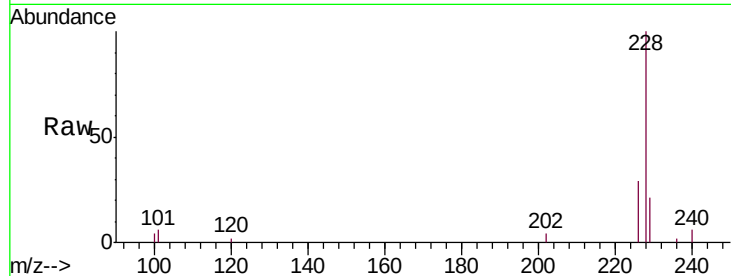
#18
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	13908		
229	20.8	22.8	34.2#	
226	28.9	17.0	25.6#	

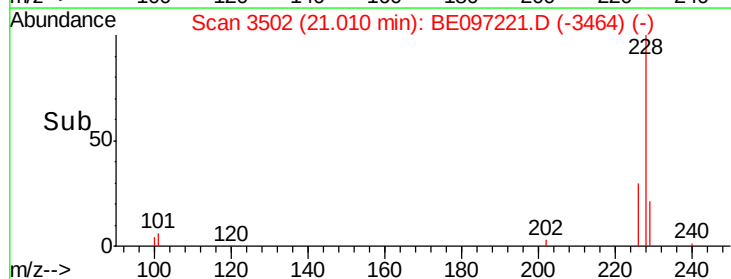
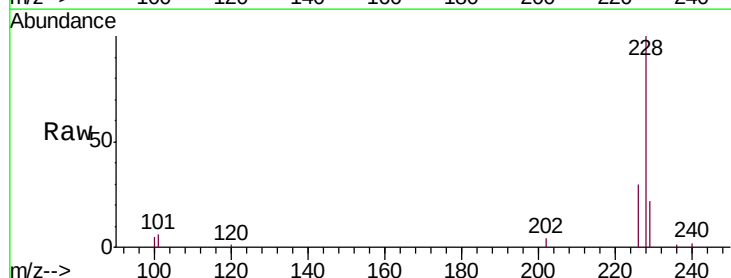
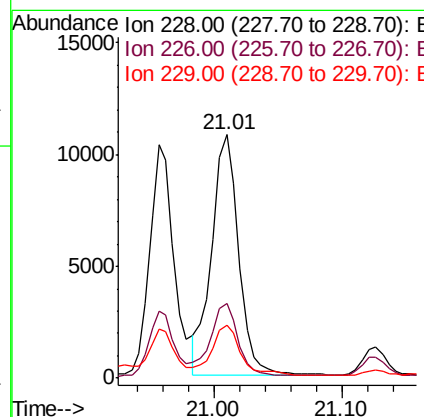
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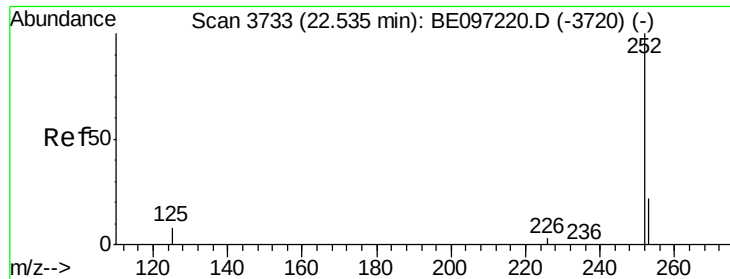
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#19
Chrysene
Concen: 0.586 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	15947		
226	30.4	23.4	35.0	
229	21.8	17.7	26.5	





#21

Benzo(b)fluoranthene

Concen: 0.662 ng/ul m

RT: 22.54 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE097221.D

Acq: 6 Aug 2018 11:45

Instrument :

BNA_E

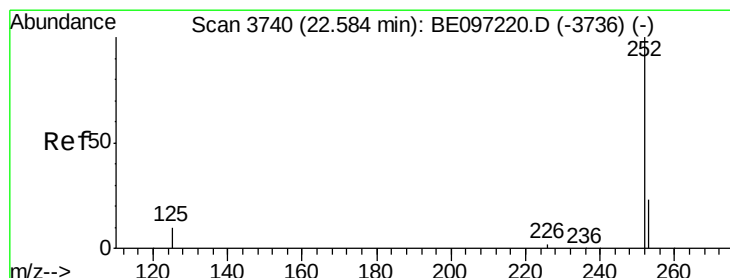
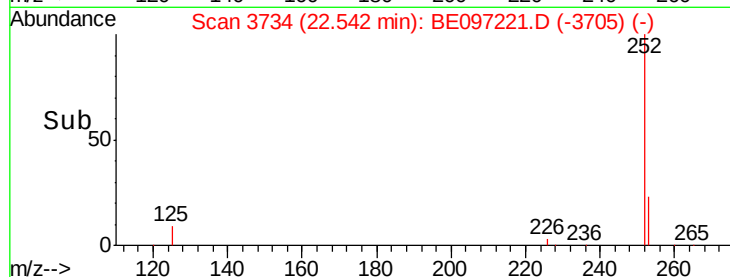
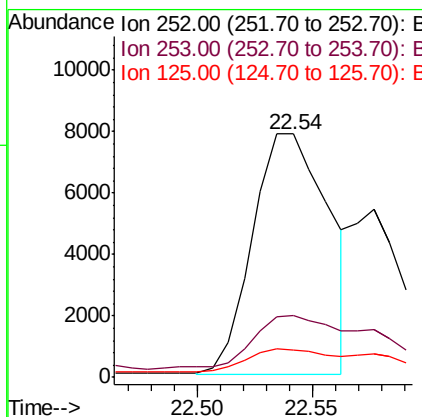
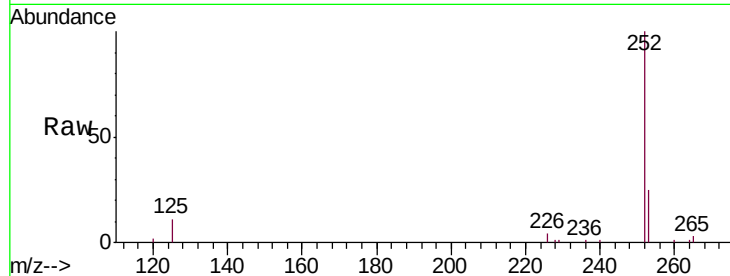
ClientSampled :

JJ1L3DL

Tgt Ion:	252	Resp:	18143
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	64.2
125	11.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.292 ng/ul m

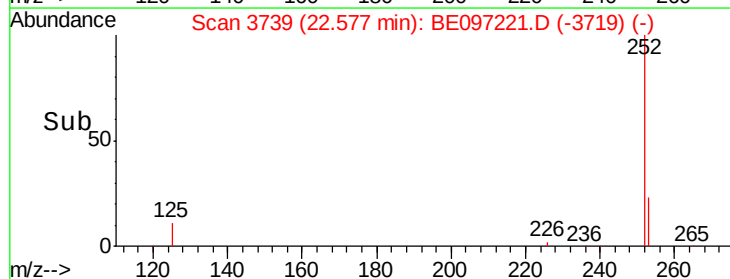
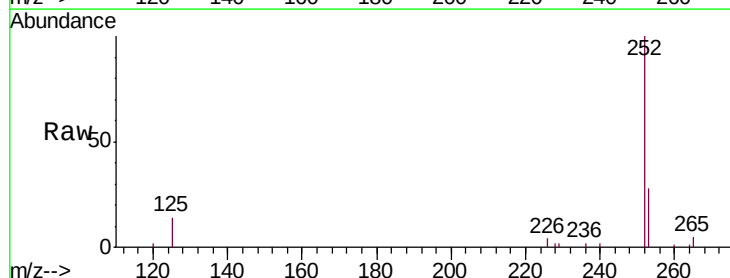
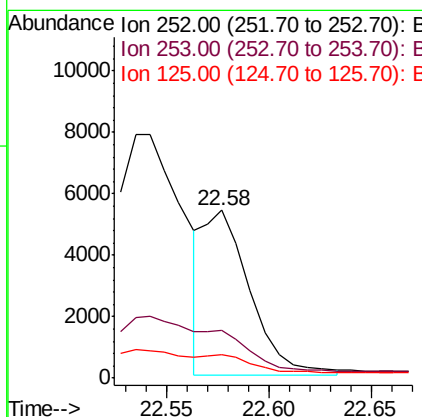
RT: 22.58 min Scan# 3739

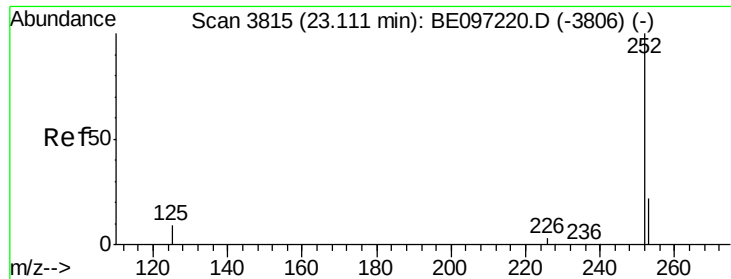
Delta R.T. -0.01 min

Lab File: BE097221.D

Acq: 6 Aug 2018 11:45

Tgt Ion:	252	Resp:	8612
Ion Ratio	Lower	Upper	
252	100		
253	28.3	24.5	36.7
125	14.0	13.7	20.5





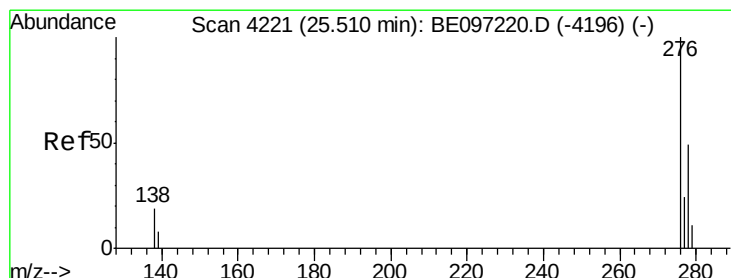
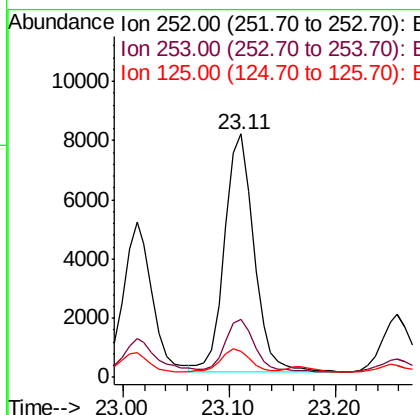
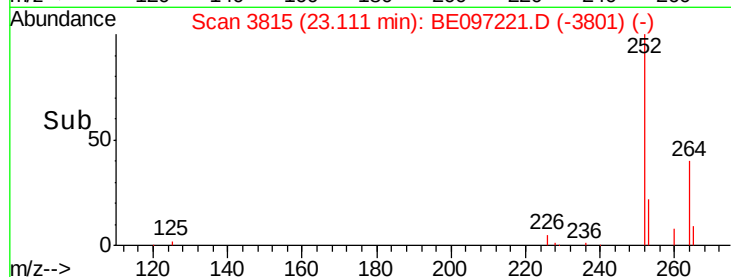
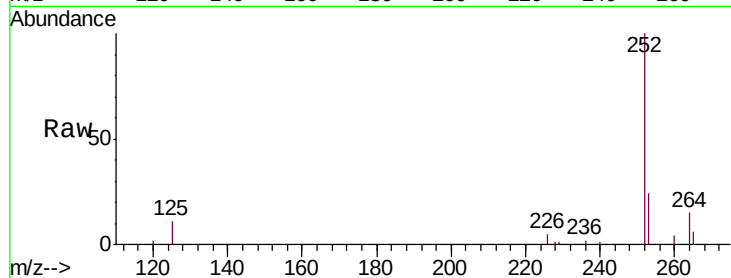
#23
Benzo(a)pyrene
Concen: 0.557 ng/ul
RT: 23.11 min Scan# 3815
Delta R.T. -0.00 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	10.7	18.1	27.1#

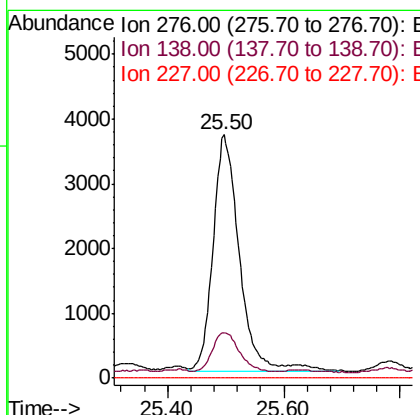
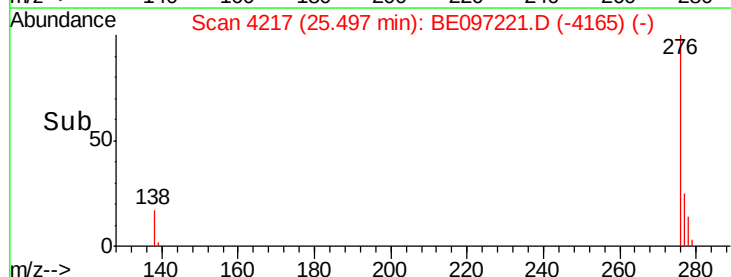
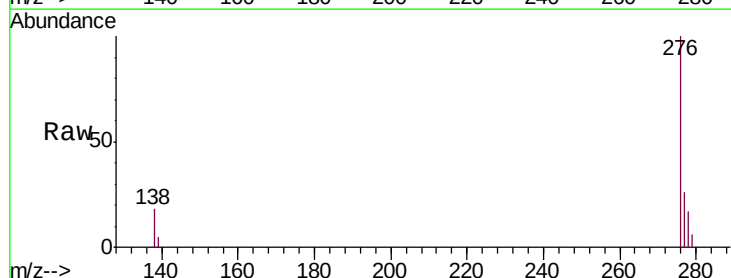
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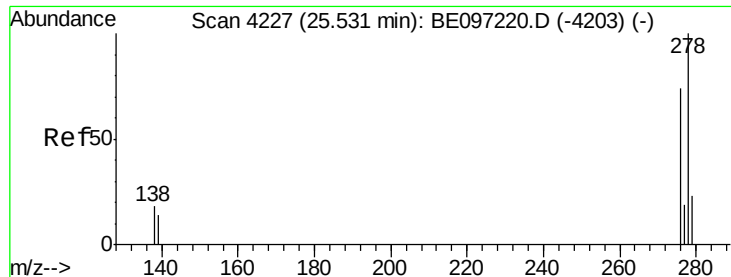
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	28.0	42.0#
227	0.0	8.0	12.0#





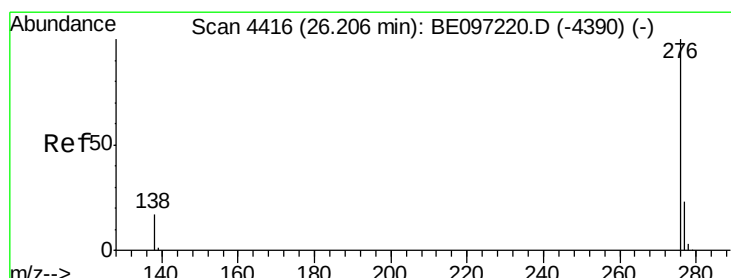
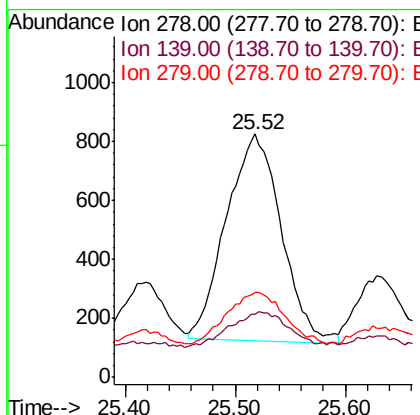
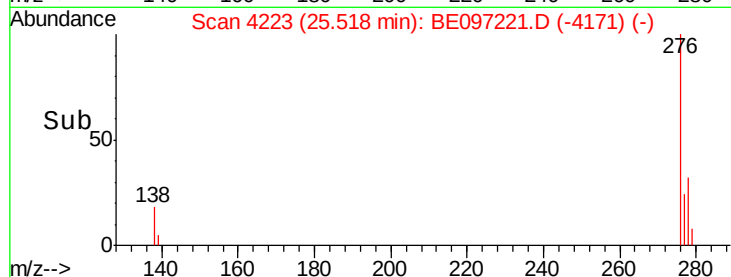
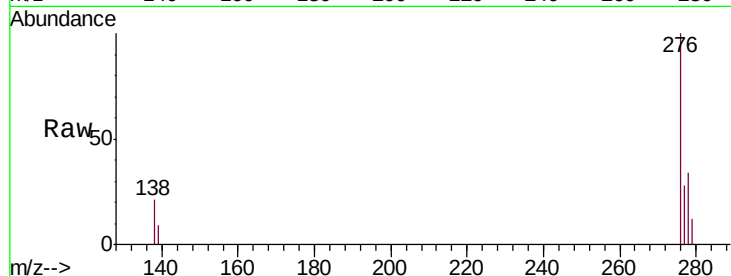
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Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Instrument :
BNA_E
ClientSampled :
JJ1L3DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.9	17.4	26.0
279	34.9	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BE097221.D
Acq: 6 Aug 2018 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	21.8	32.8#
277	25.3	20.5	30.7

