

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097216.D
 Acq On : 5 Aug 2018 00:53
 Operator : SJ/JU
 Sample : J4171-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1L3DL

Manual Integrations
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Sohil
 8/6/2018 12:51:03 PM

Quant Time: Aug 06 04:43:30 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 03:46:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1415	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7487	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4502	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10810	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	11323	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10892m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	928	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2528	0.07	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.08	153	492	0.035	ng/ul#	91
9) Fluorene	15.08	166	598	0.037	ng/ul#	92
12) Phenanthrene	16.81	178	28696m	1.041	ng/ul	
13) Anthracene	16.90	178	4646	0.181	ng/ul	94
15) Fluoranthene	18.84	202	77262	2.121	ng/ul	84
17) Pyrene	19.20	202	80413	2.650	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	34205	1.057	ng/ul#	84
19) Chrysene	21.01	228	38564	1.157	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	49652m	1.673	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	15407m	0.481	ng/ul	
23) Benzo(a)pyrene	23.11	252	38407	1.293	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	28890	0.777	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.51	278	6187	0.203	ng/ul	97
26) Benzo(g,h,i)perylene	26.20	276	26638	0.829	ng/ul#	92

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

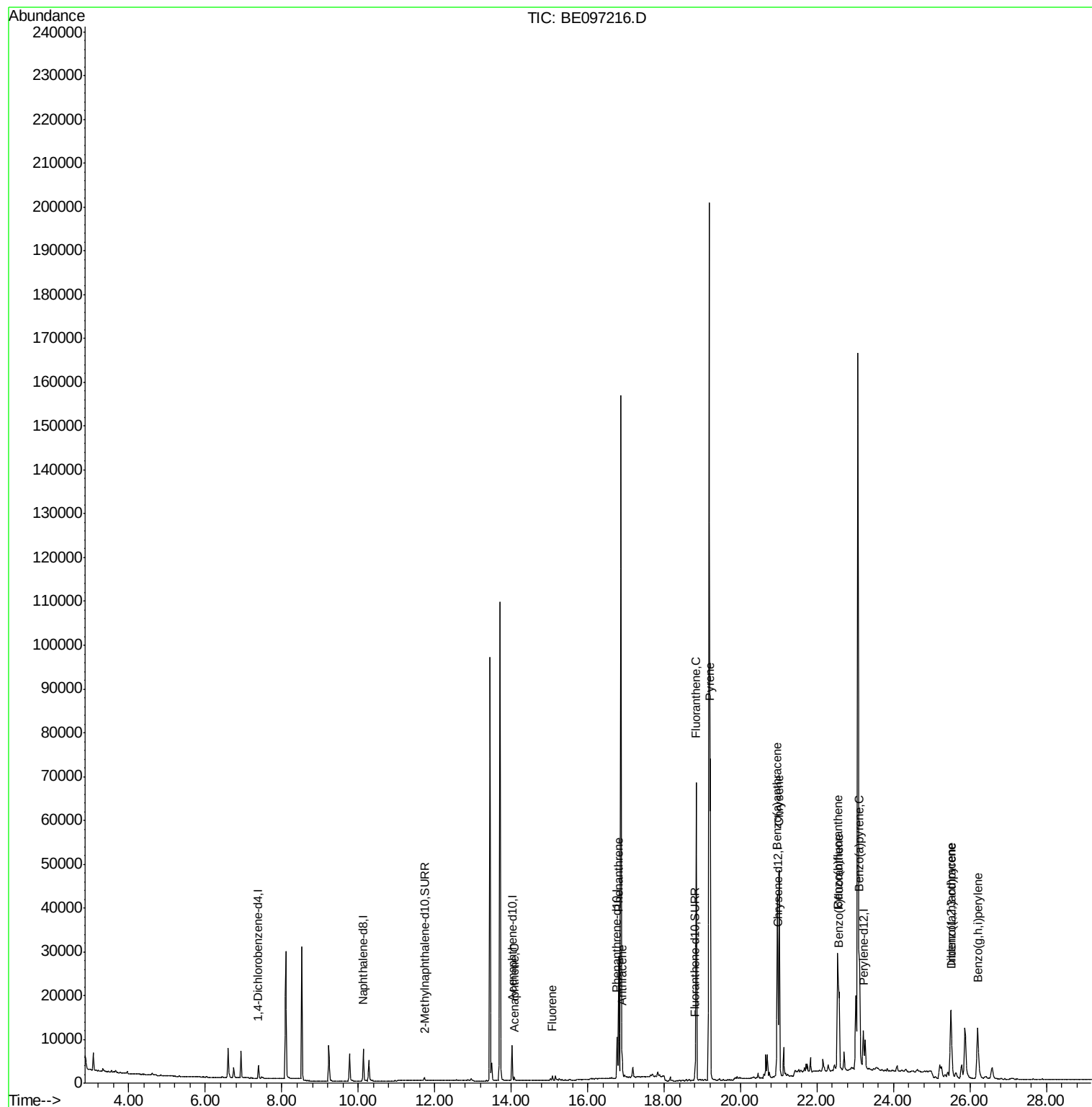
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097216.D
Acq On : 5 Aug 2018 00:53
Operator : SJ/JU
Sample : J4171-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

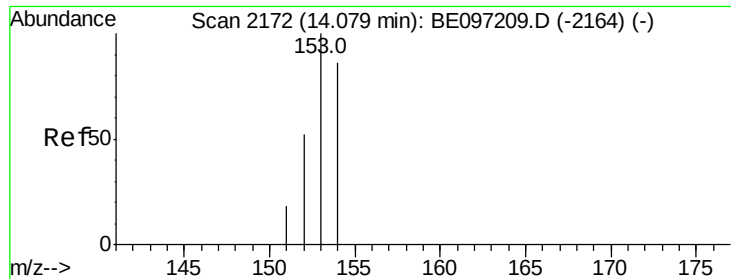
Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

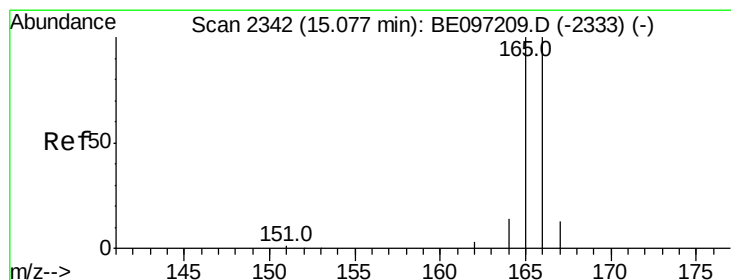
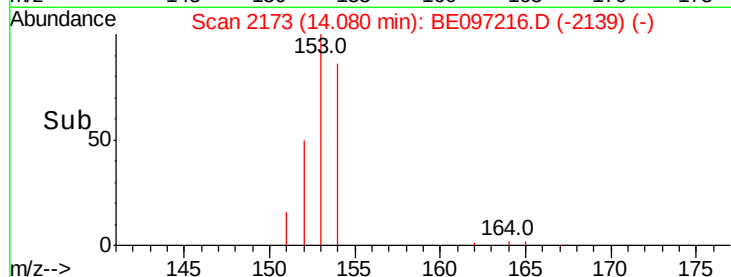
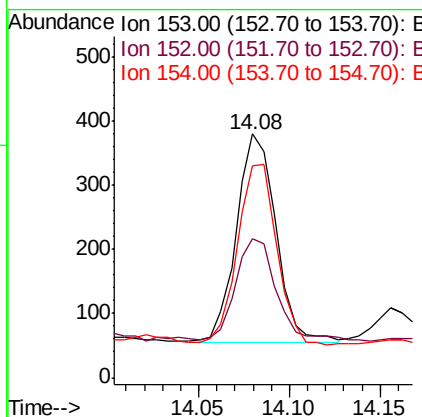
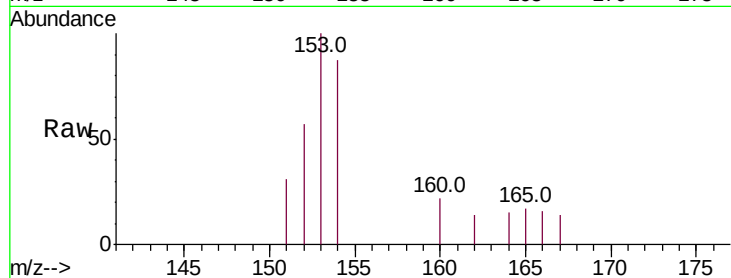
ClientSampled :

JJ1L3DL

Tot Ion:	153	Resp:	492
Ion Ratio	Lower	Upper	
153	100		
152	57.3	36.0	54.0#
154	86.8	72.0	108.0#

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#9

Fluorene

Concen: 0.037 ng/ul

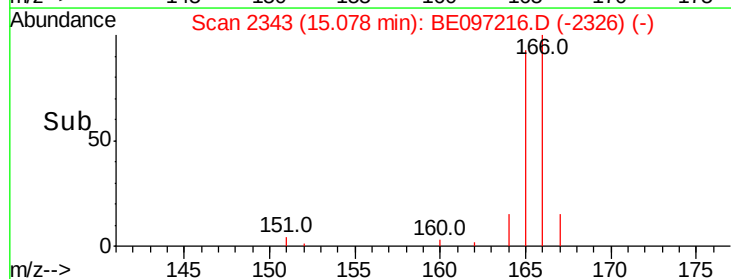
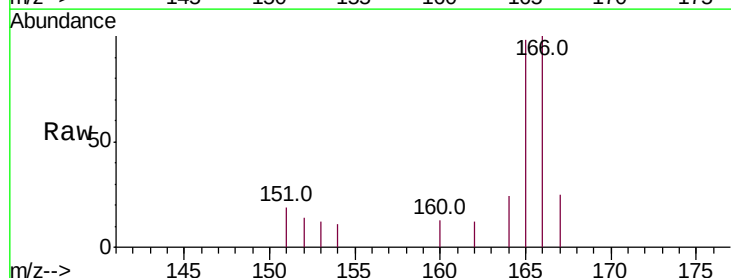
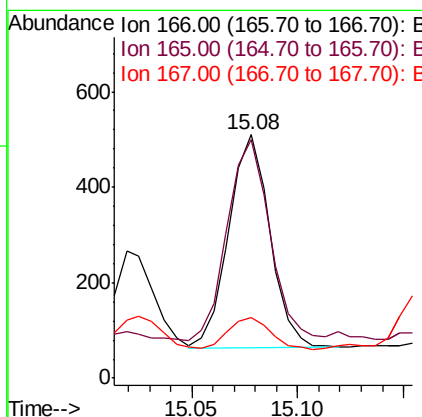
RT: 15.08 min Scan# 2343

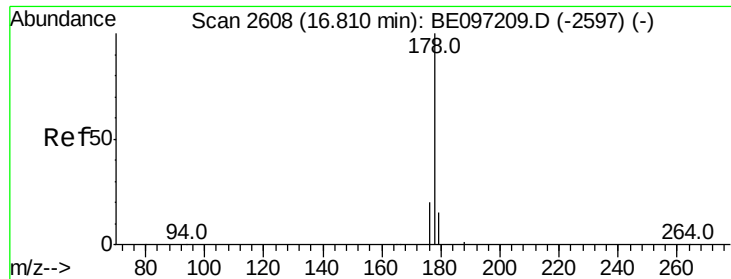
Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Tgt Ion:	166	Resp:	598
Ion Ratio	Lower	Upper	
166	100		
165	98.2	73.4	110.2
167	25.1	14.6	22.0#





#12

Phenanthrene

Concen: 1.041 ng/ul m

RT: 16.81 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

ClientSampled :

JJ1L3DL

Tot Ion:178 Resp: 28696

Ion Ratio Lower Upper

178 100

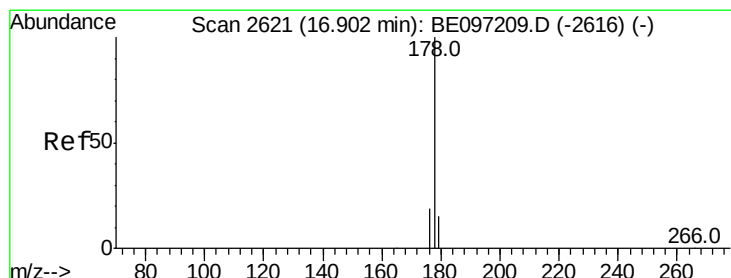
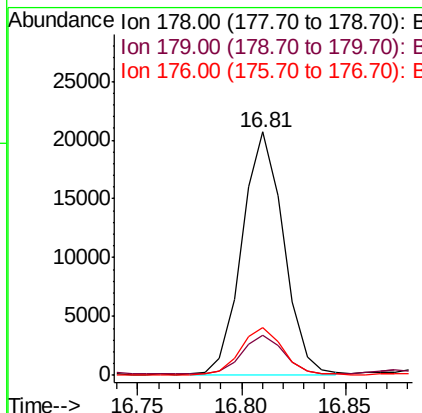
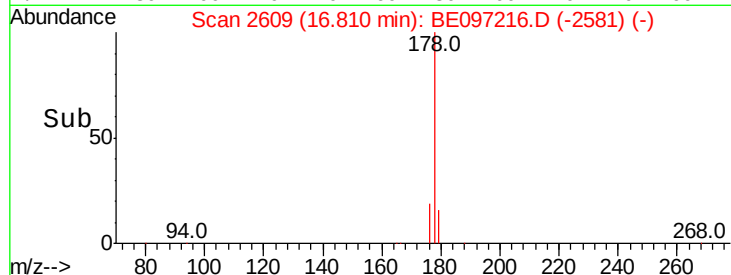
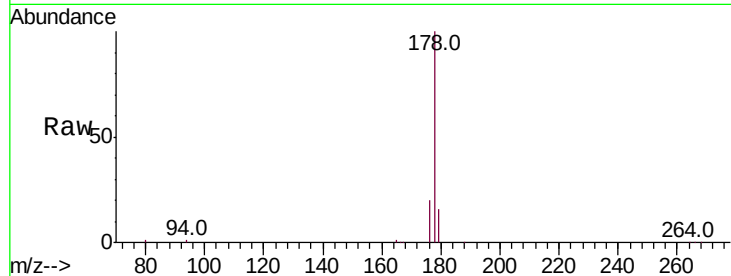
179 16.4 18.4 27.6#

176 19.6 13.6 20.4

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#13

Anthracene

Concen: 0.181 ng/ul

RT: 16.90 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

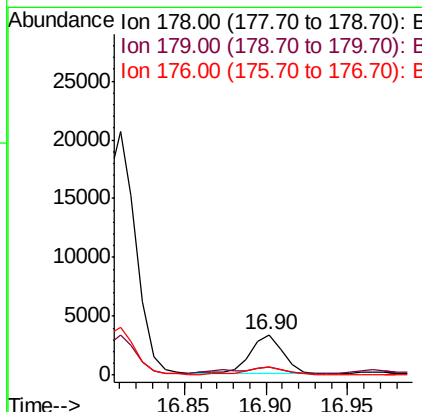
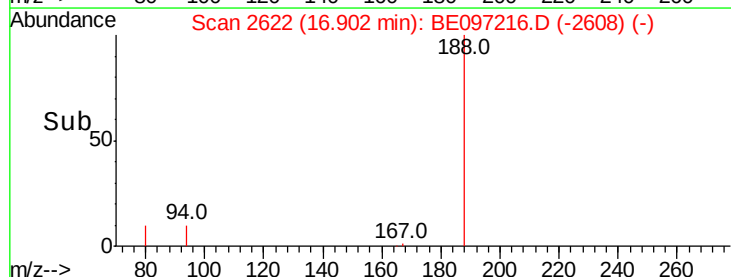
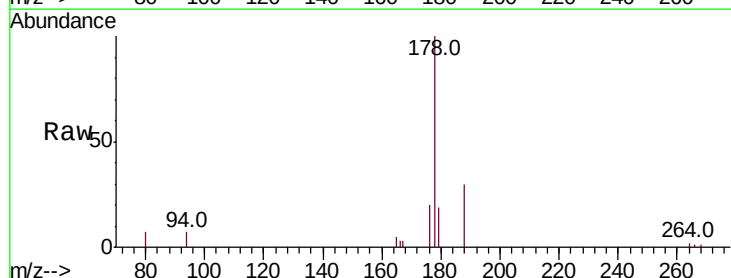
Tgt Ion:178 Resp: 4646

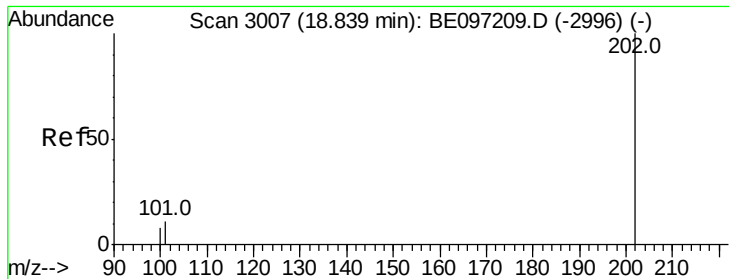
Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

176 20.1 14.7 22.1





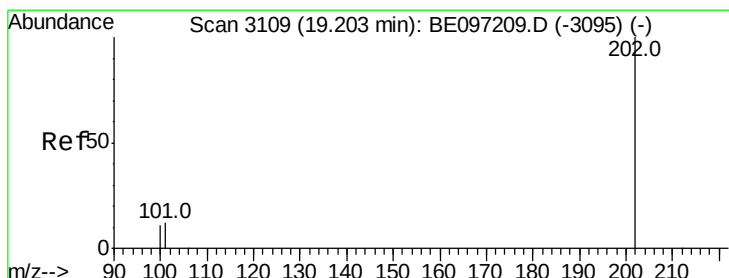
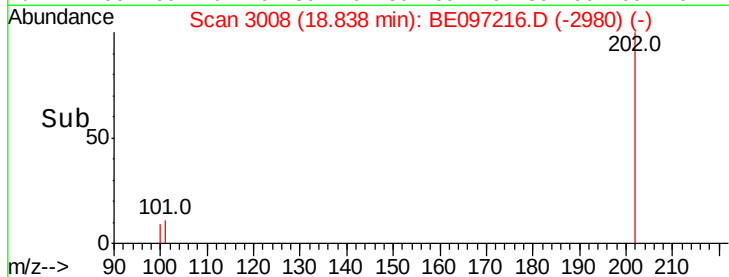
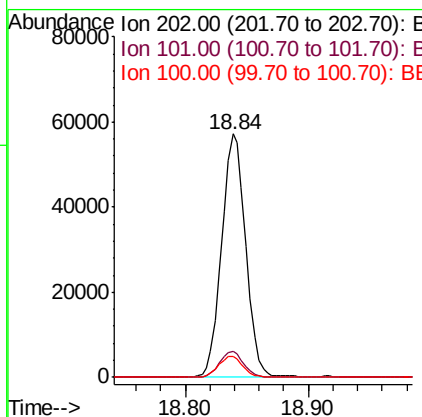
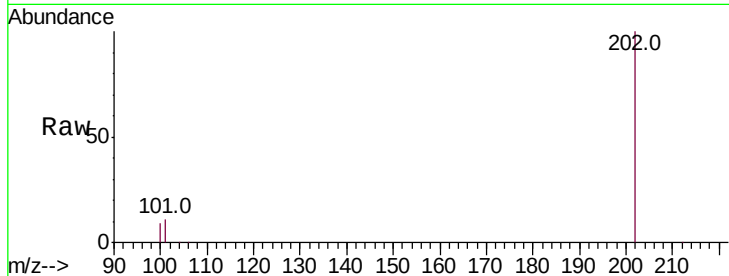
#15
Fluoranthene
Concen: 2.121 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	77262		
101	10.7		0.0	30.3
100	8.6		0.0	39.5

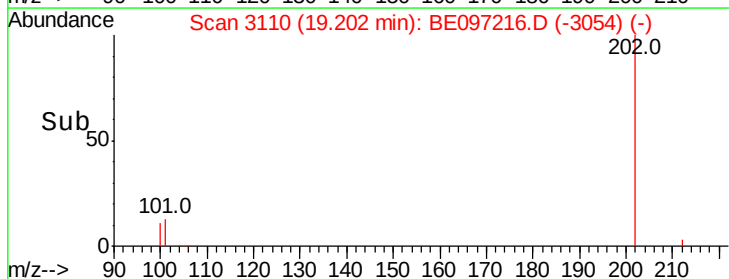
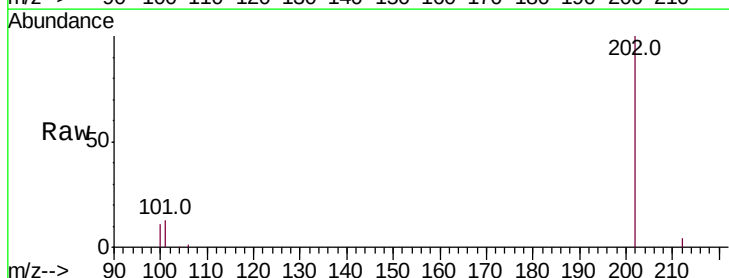
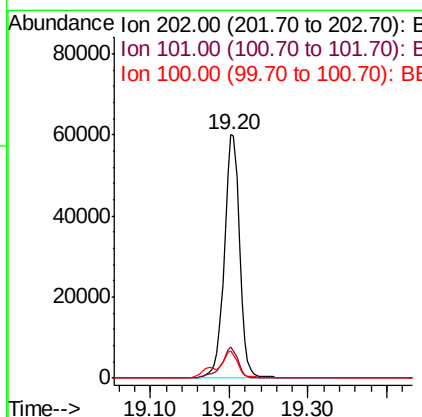
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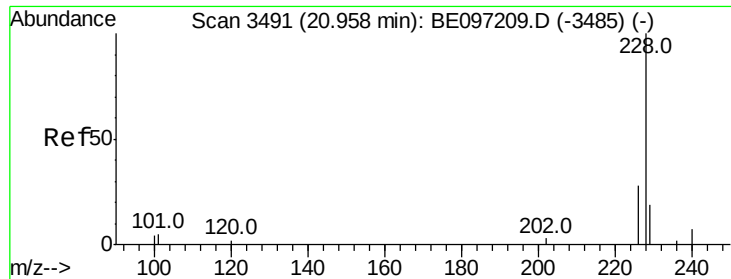
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#17
Pyrene
Concen: 2.650 ng/ul
RT: 19.20 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80413		
101	12.8		18.2	27.4#
100	11.2		15.6	23.4#





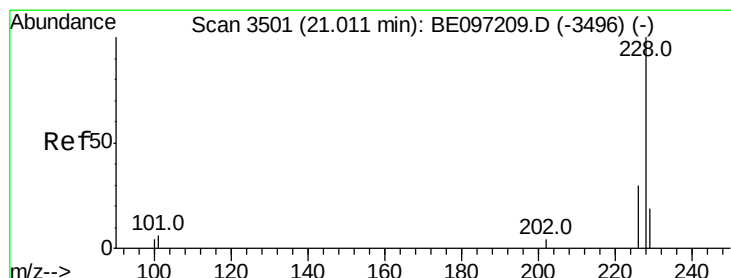
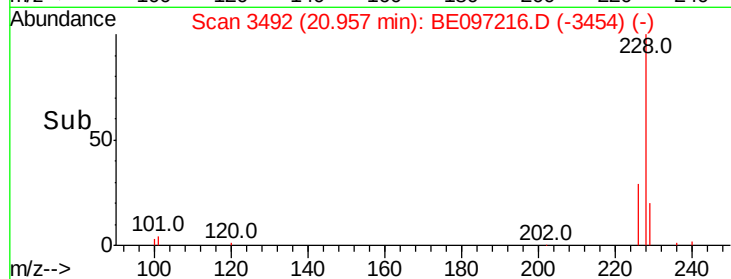
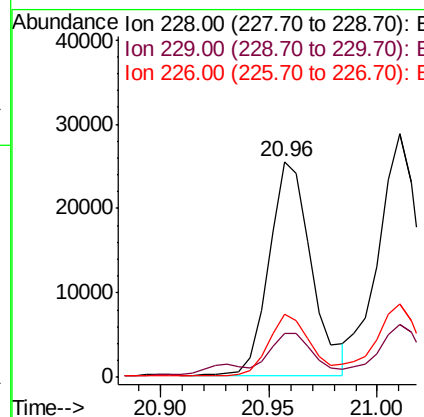
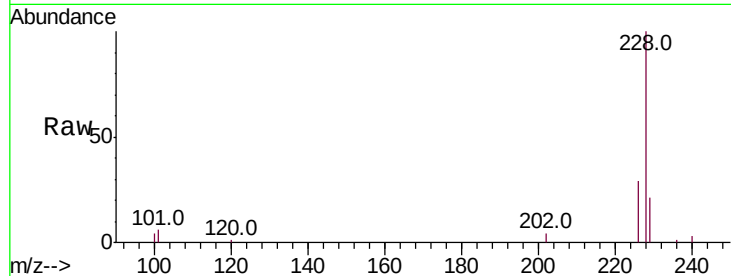
#18
Benzo(a)anthracene
Concen: 1.057 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Instrument :
BNA_E
ClientSampleId :
JJ1L3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	29.3	17.0	25.6#

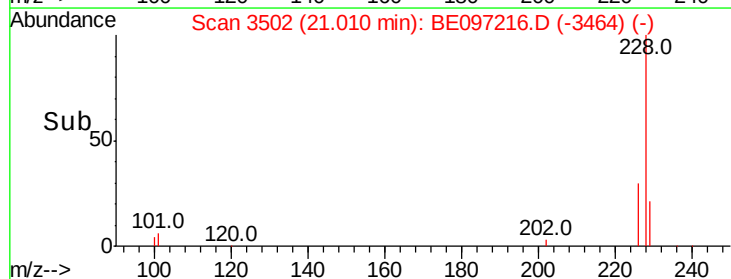
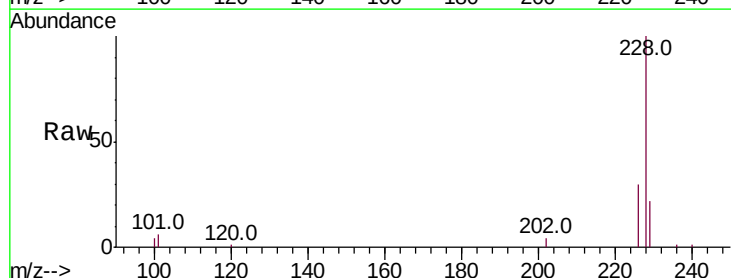
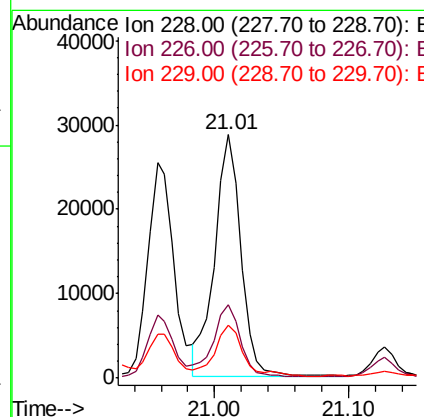
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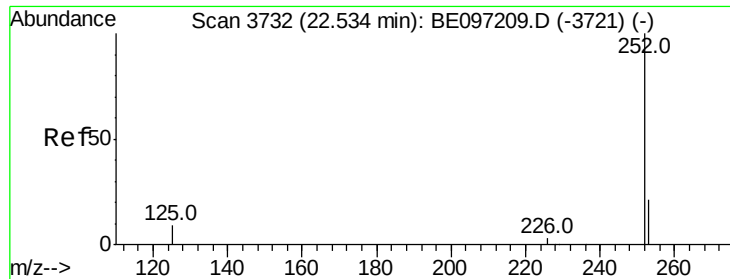
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#19
Chrysene
Concen: 1.157 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	21.8	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.673 ng/ul m

RT: 22.53 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

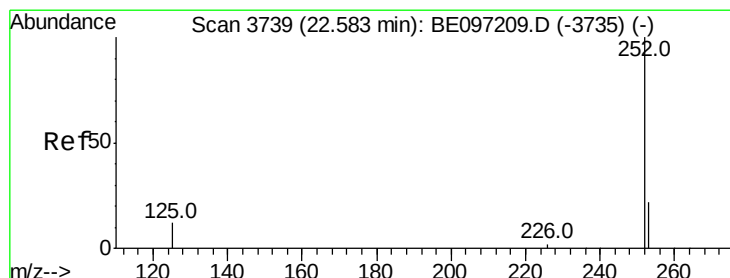
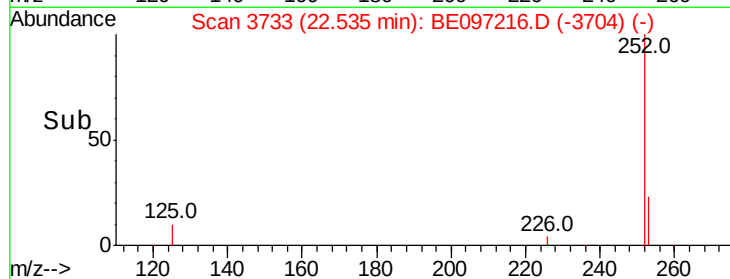
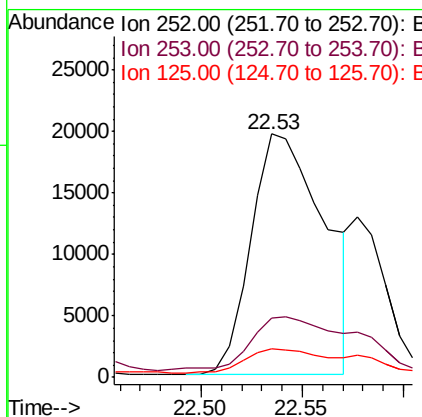
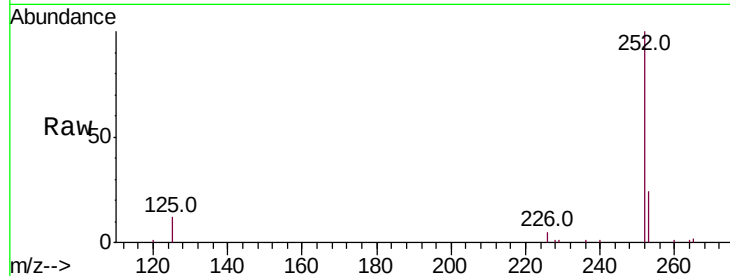
ClientSampleId :

JJ1L3DL

Tot Ion:	252	Resp:	49652
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	64.2
125	11.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.481 ng/ul m

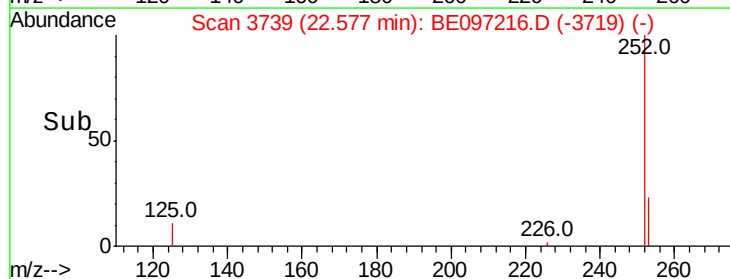
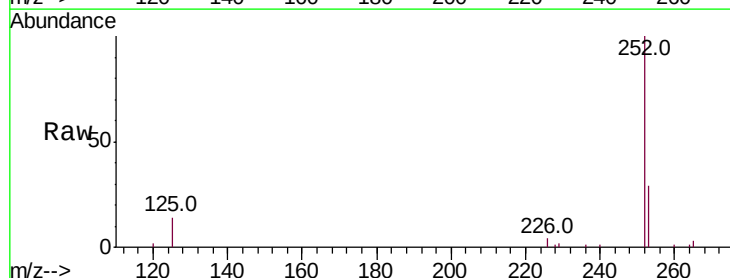
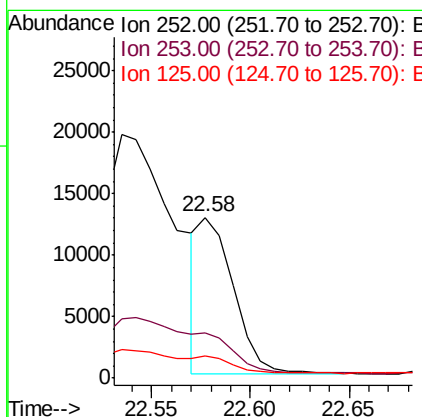
RT: 22.58 min Scan# 3739

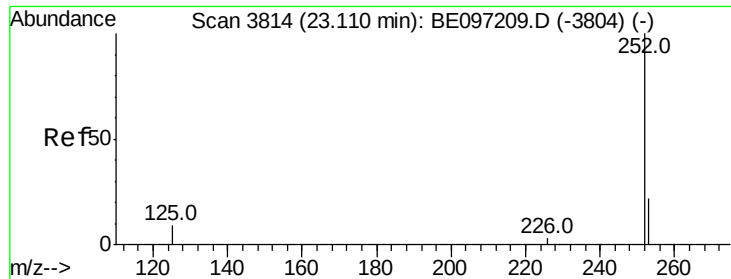
Delta R.T. -0.01 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Tgt Ion:	252	Resp:	15407
Ion Ratio	Lower	Upper	
252	100		
253	28.5	24.5	36.7
125	13.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.293 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. 0.00 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

Instrument :

BNA_E

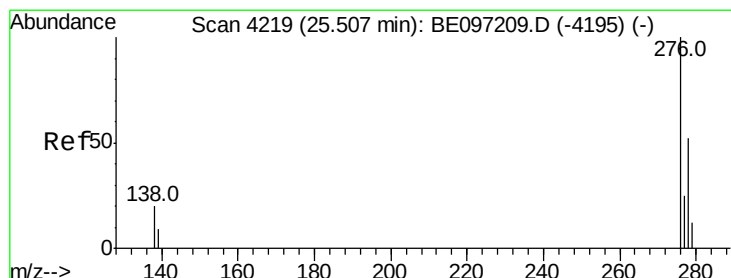
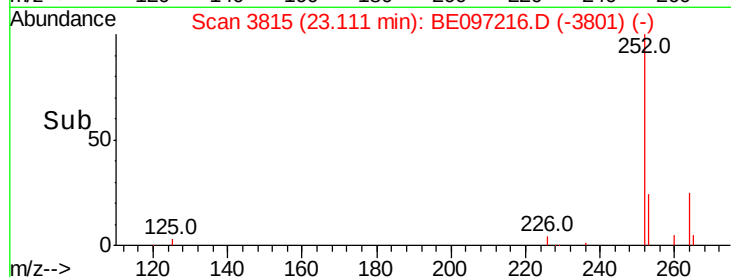
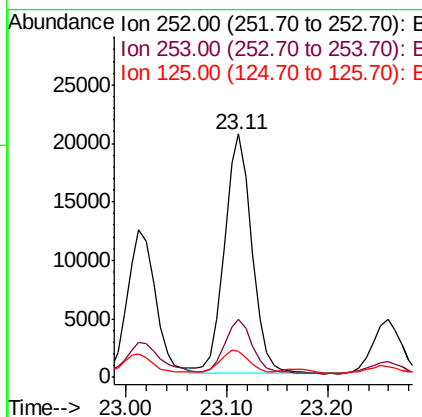
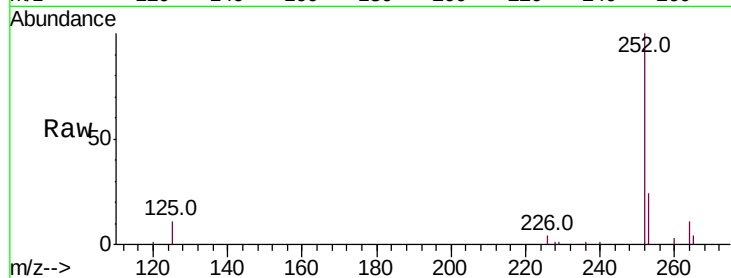
ClientSampleId :

JJ1L3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	10.6	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.777 ng/ul

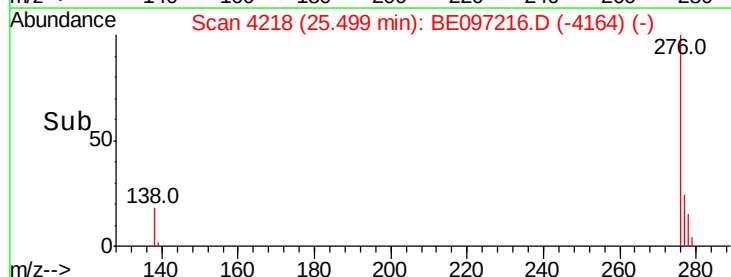
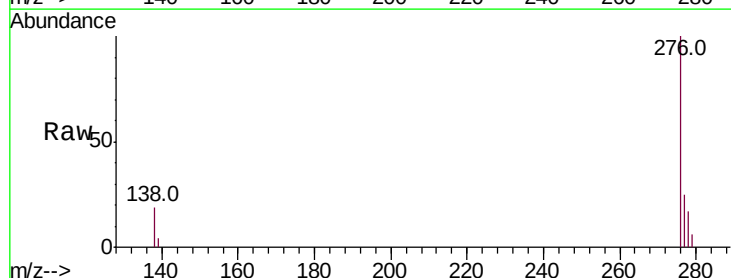
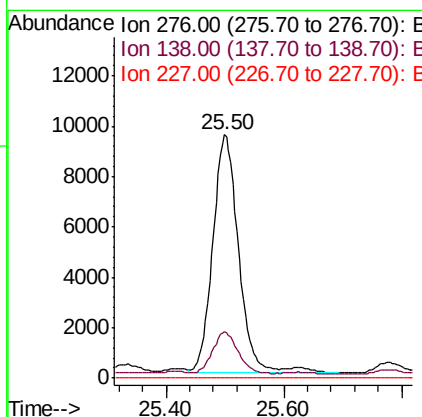
RT: 25.50 min Scan# 4218

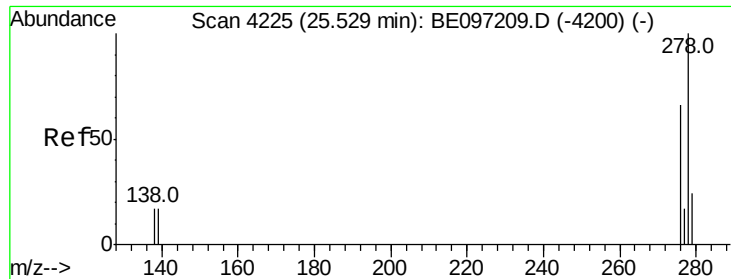
Delta R.T. -0.01 min

Lab File: BE097216.D

Acq: 5 Aug 2018 00:53

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





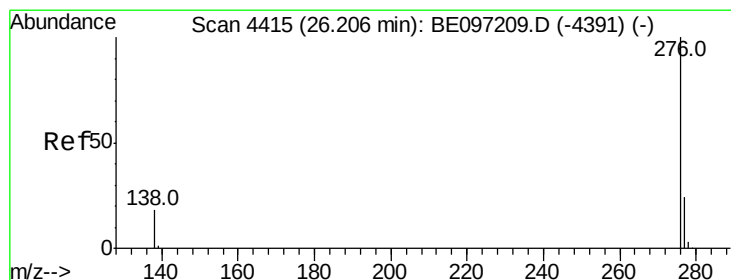
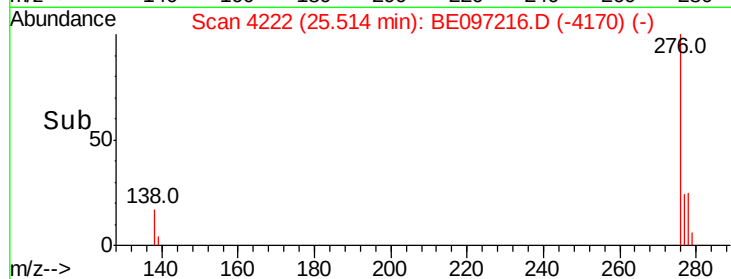
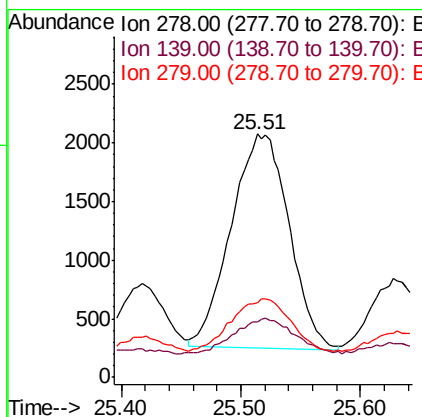
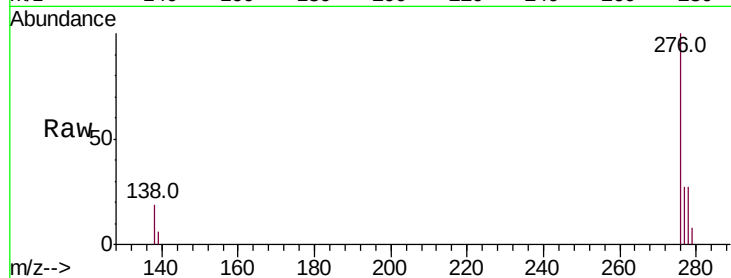
#25
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 25.51 min Scan# 4222
Delta R.T. -0.02 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Instrument :
BNA_E
ClientSampled :
JJ1L3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.4	26.0
279	30.9	25.9	38.9

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#26
Benzo(g,h,i)perylene
Concen: 0.829 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE097216.D
Acq: 5 Aug 2018 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	21.8	32.8#
277	25.2	20.5	30.7

