

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094734.D
 Acq On : 4 Nov 2017 6:57
 Operator : SJ/JU
 Sample : I5955-01 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-71(3-5)-101617

Manual Integrations
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Quant Time: Nov 06 00:02:36 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1739	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	10520	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5907	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12519	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	12726	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	15162	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1158	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	3020	0.08	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.57	153	7224	0.376	ng/ul	99
9) Fluorene	15.56	166	8679	0.403	ng/ul	92
12) Phenanthrene	17.29	178	125239	3.787	ng/ul#	92
13) Anthracene	17.38	178	25604	0.785	ng/ul#	92
15) Fluoranthene	19.30	202	145252	3.800	ng/ul	84
17) Pyrene	19.67	202	138806	3.528	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	64729	1.779	ng/ul#	88
19) Chrysene	21.46	228	61713	1.641	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	56411m	1.323	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	20752m	0.454	ng/ul	
23) Benzo(a)pyrene	23.84	252	38791	0.910	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.66	276	16623	0.377	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	4585	0.123	ng/ul#	83
26) Benzo(g,h,i)perylene	27.50	276	12704	0.359	ng/ul	95

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

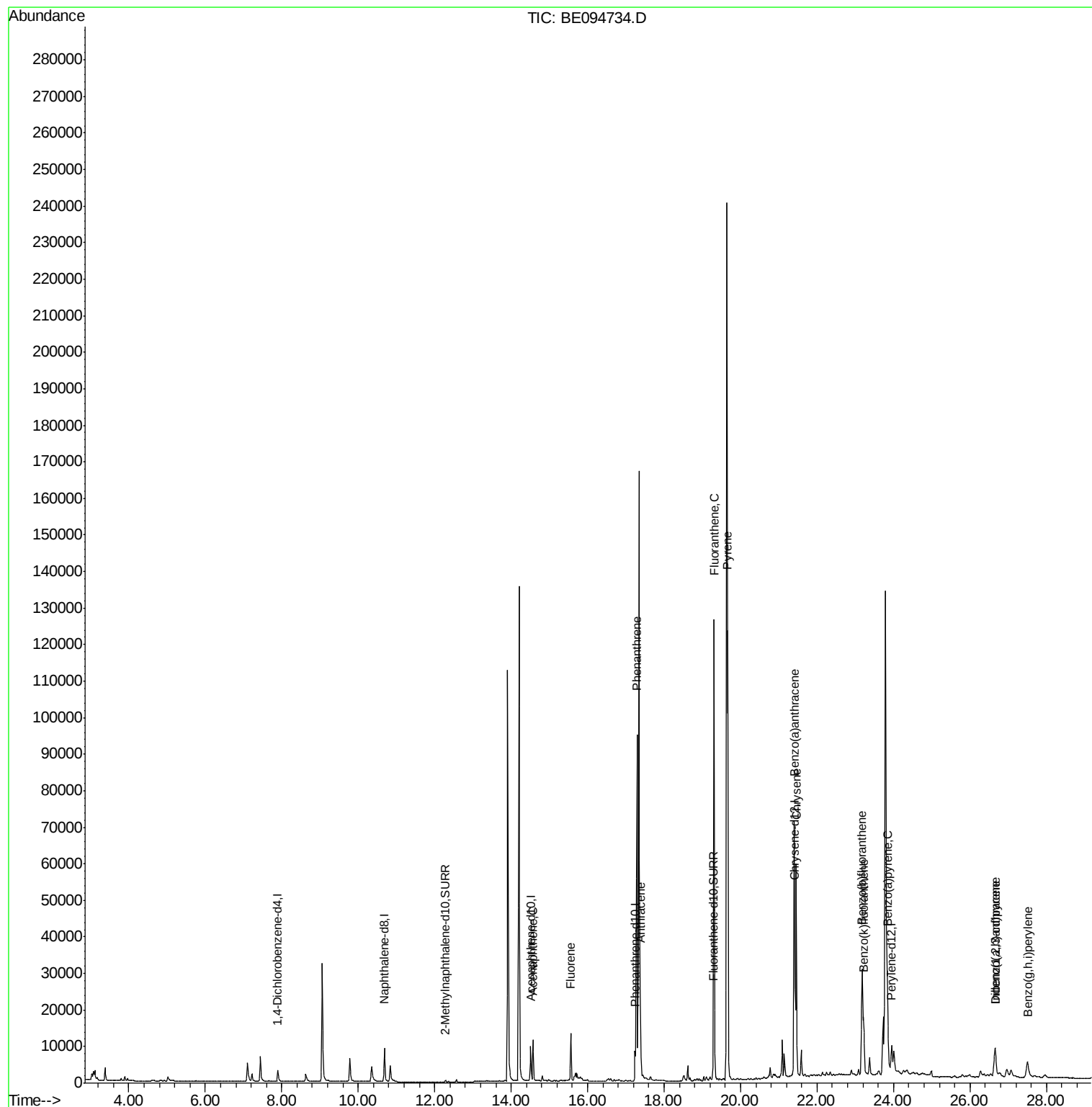
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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Operator : SJ/JU
Sample : I5955-01 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

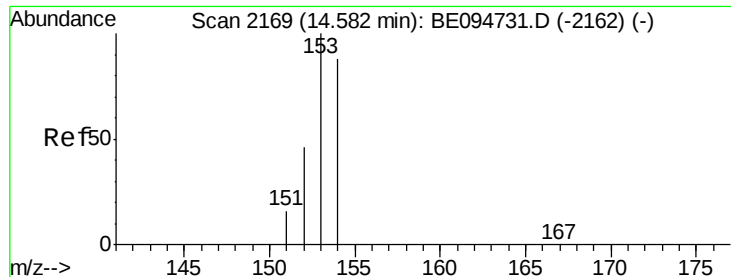
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QLast Update : Sat Nov 04 06:57:51 2017
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#8

Acenaphthene

Concen: 0.376 ng/ul

RT: 14.57 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BE094734.D

Acq: 4 Nov 2017 6:57

Instrument :

BNA_E

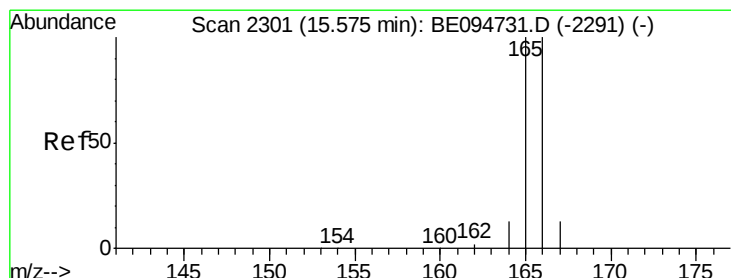
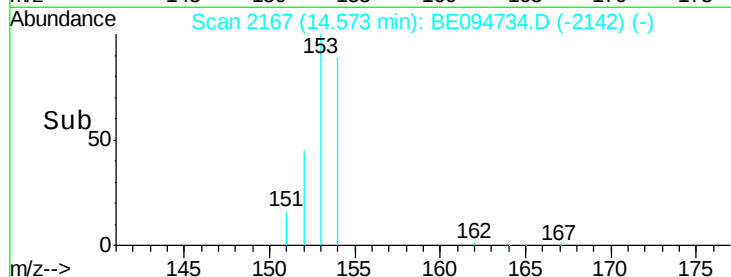
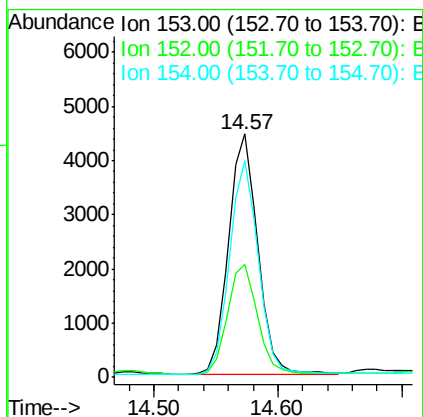
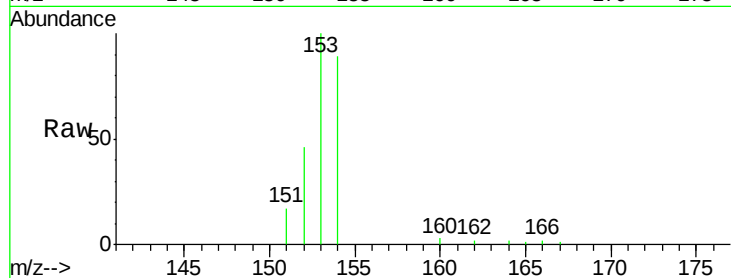
ClientSampleId :

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Tgt Ion:	153	Resp:	7224
Ion Ratio	Lower	Upper	
153	100		
152	46.2	36.0	54.0
154	89.1	72.0	108.0

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#9

Fluorene

Concen: 0.403 ng/ul

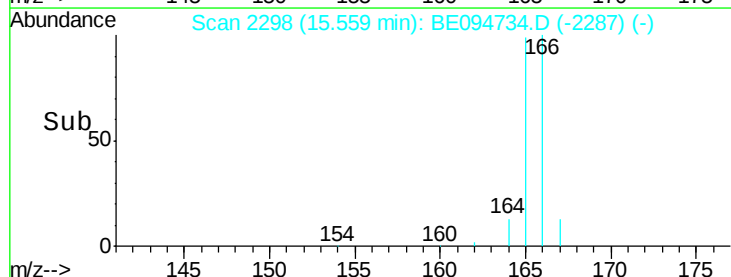
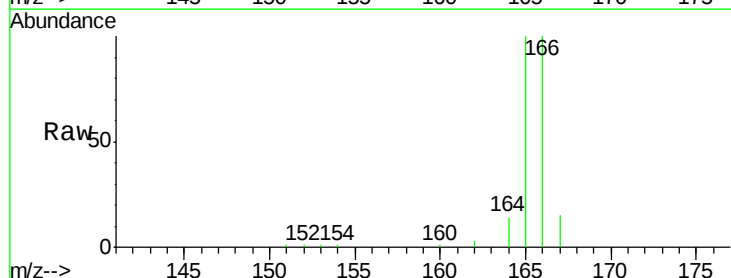
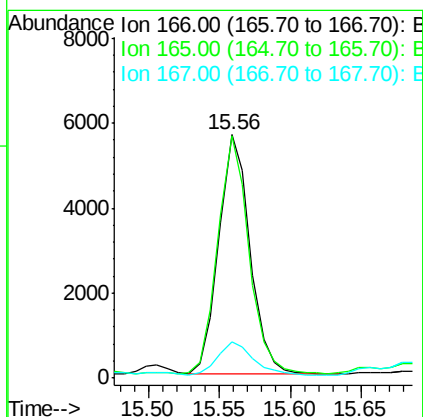
RT: 15.56 min Scan# 2298

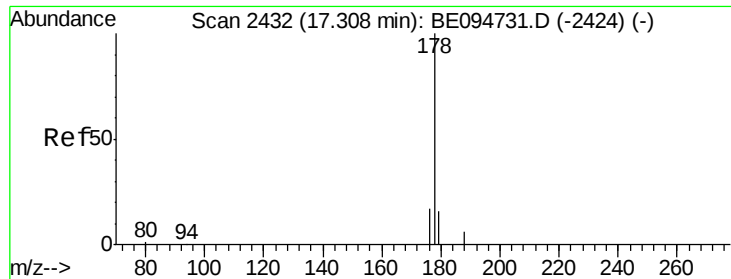
Delta R.T. -0.02 min

Lab File: BE094734.D

Acq: 4 Nov 2017 6:57

Tgt Ion:	166	Resp:	8679
Ion Ratio	Lower	Upper	
166	100		
165	99.7	73.4	110.2
167	14.9	14.6	22.0





#12

Phenanthrene

Concen: 3.787 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094734.D

Acq: 4 Nov 2017 6:57

Instrument :

BNA_E

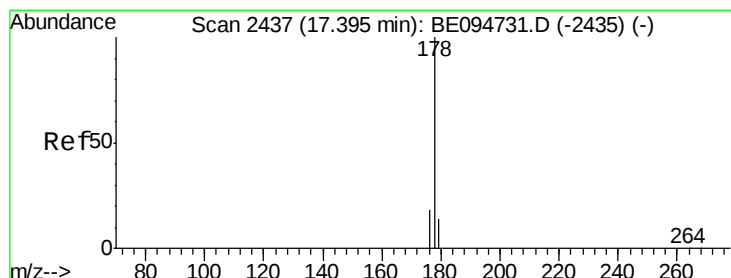
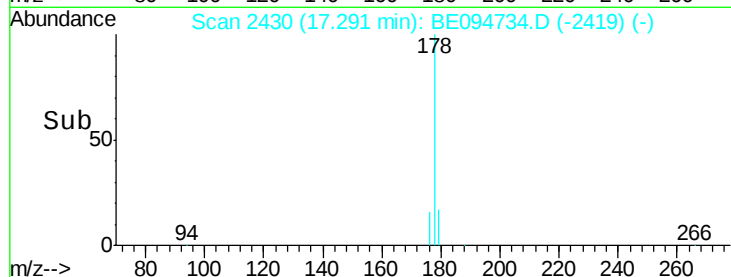
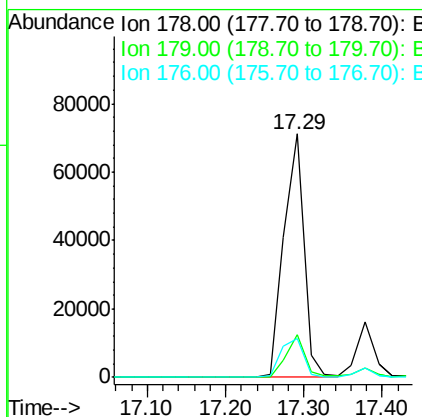
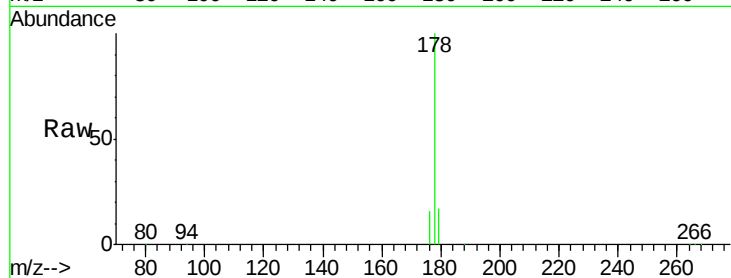
ClientSampleId :

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Tgt Ion:	178	Resp:	125239
Ion Ratio	Lower	Upper	
178	100		
179	17.3	18.4	27.6#
176	16.1	13.6	20.4

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#13

Anthracene

Concen: 0.785 ng/ul

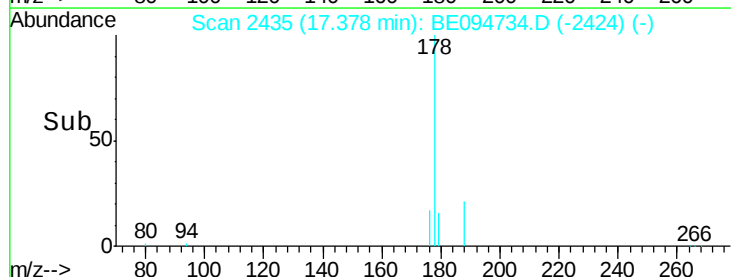
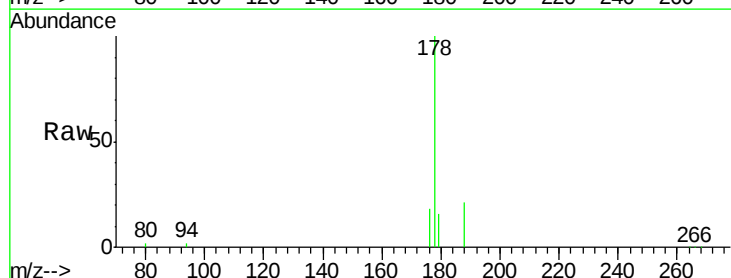
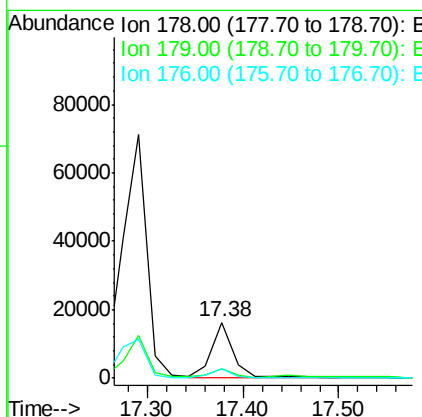
RT: 17.38 min Scan# 2435

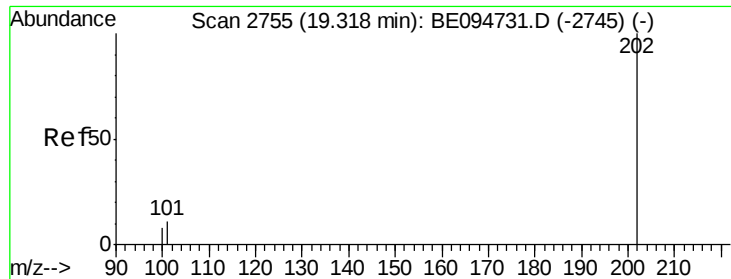
Delta R.T. -0.02 min

Lab File: BE094734.D

Acq: 4 Nov 2017 6:57

Tgt Ion:	178	Resp:	25604
Ion Ratio	Lower	Upper	
178	100		
179	16.2	18.1	27.1#
176	17.5	14.7	22.1





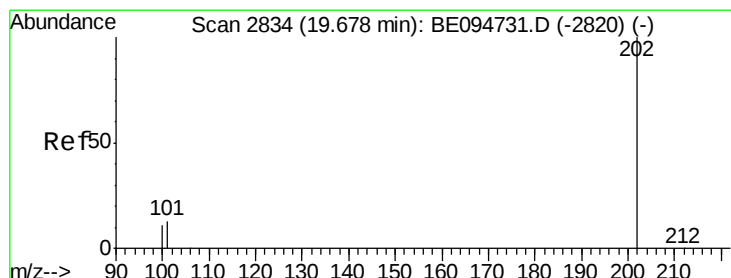
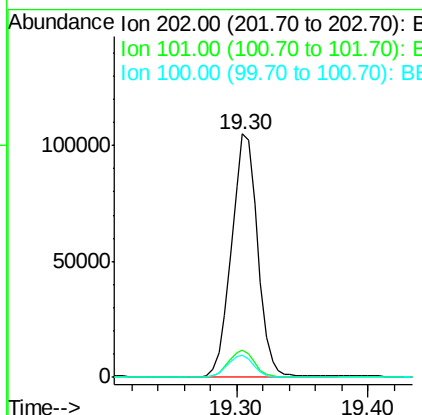
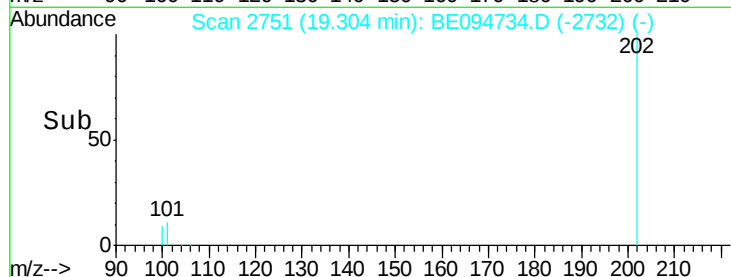
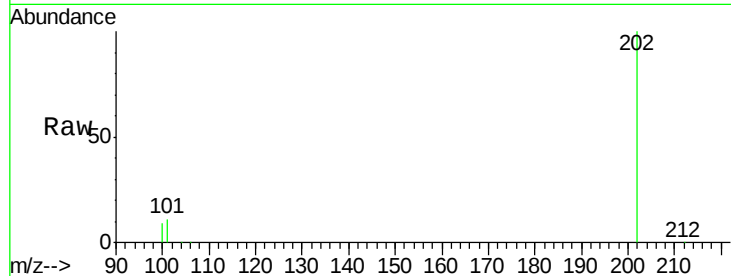
#15
Fluoranthene
 Concen: 3.800 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094734.D
 Acq: 4 Nov 2017 6:57

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5

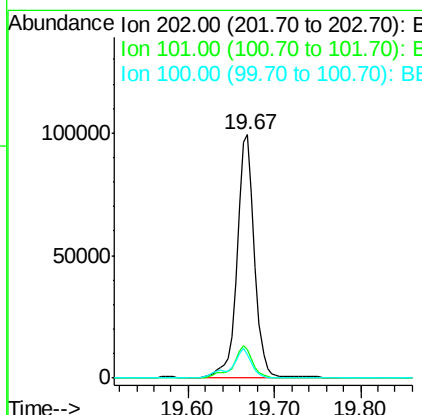
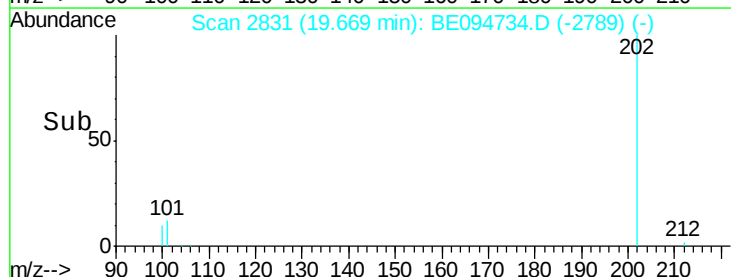
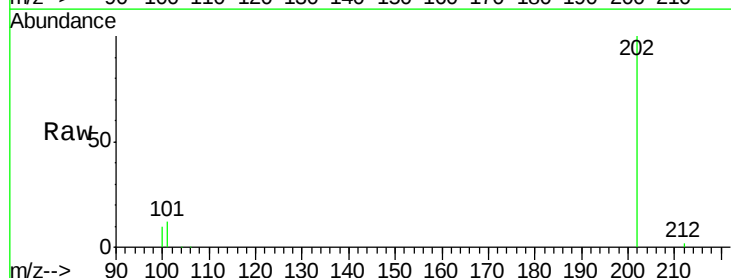
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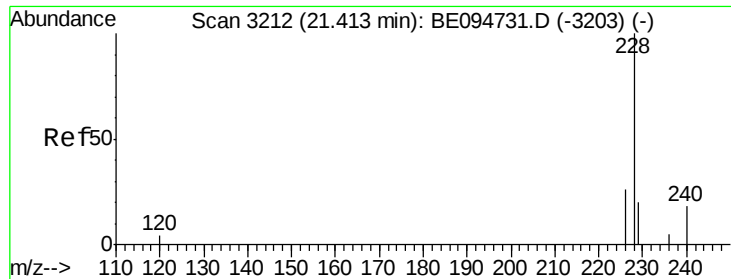
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#17
Pyrene
 Concen: 3.528 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094734.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	18.2	27.4#
100	9.9	15.6	23.4#





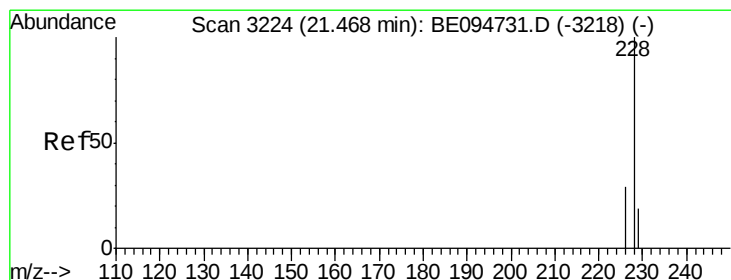
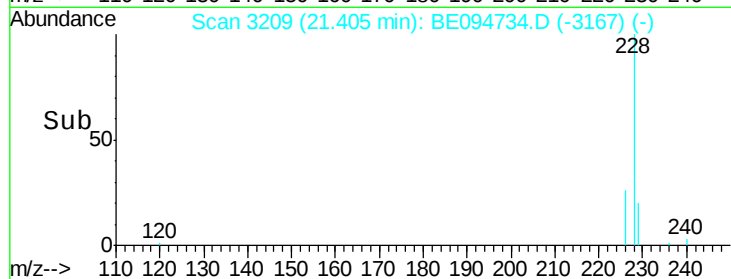
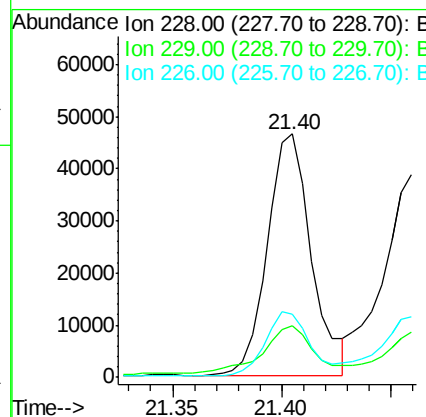
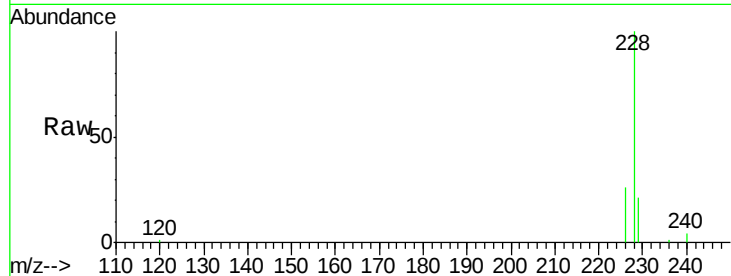
#18
Benzo(a)anthracene
Concen: 1.779 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	26.1	17.0	25.6#

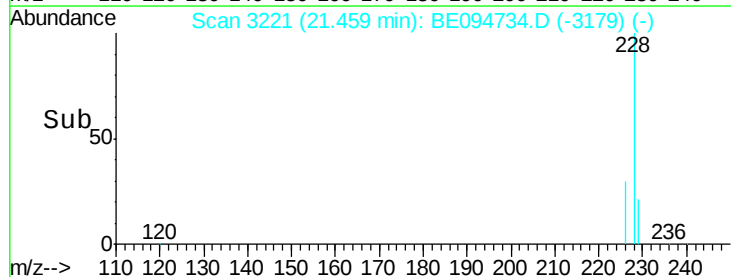
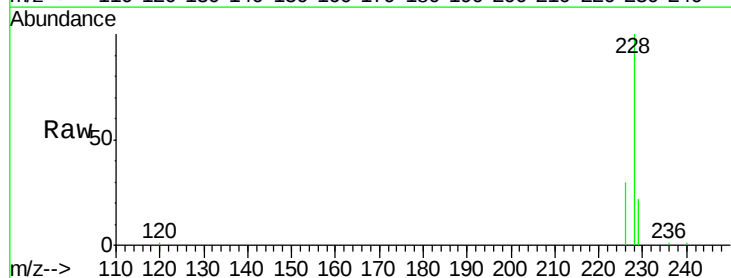
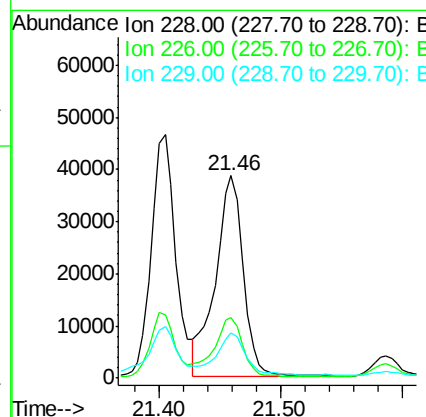
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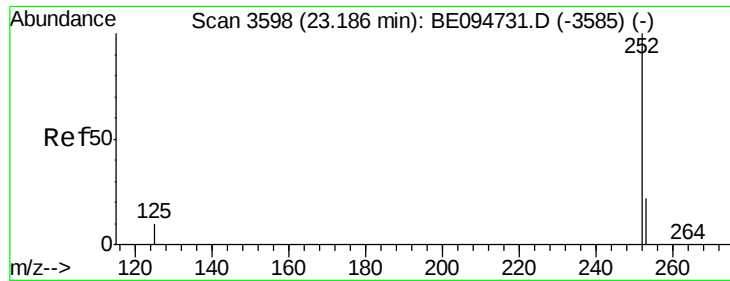
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#19
Chrysene
Concen: 1.641 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	17.7	26.5





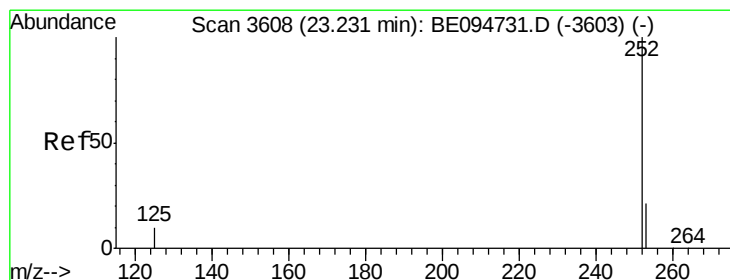
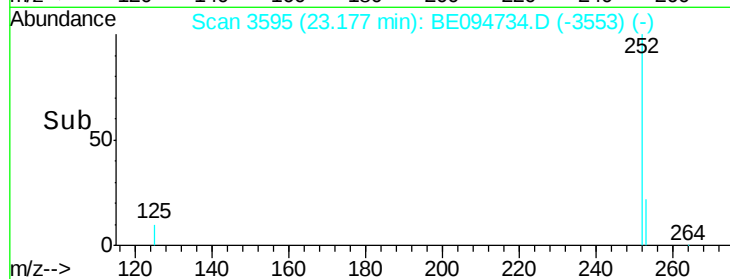
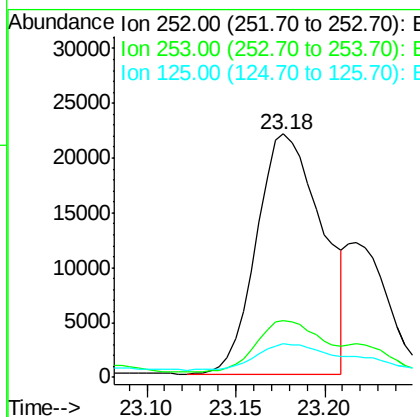
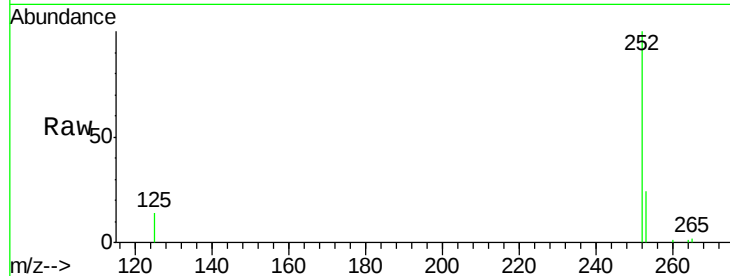
#21
Benzo(b)fluoranthene
Concen: 1.323 ng/ul m
RT: 23.18 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	0.0	64.2
125	13.7	0.0	35.0

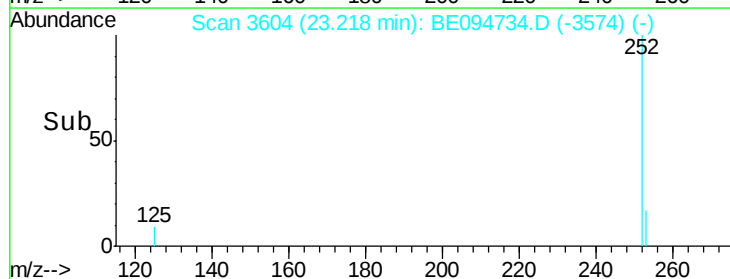
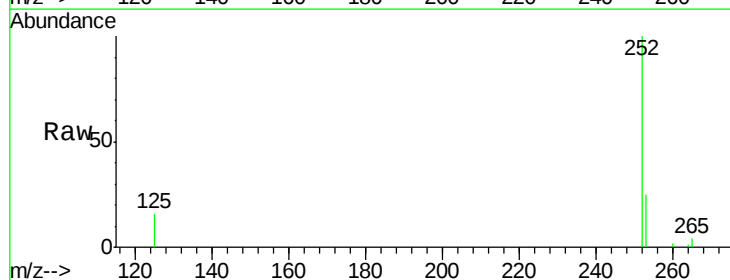
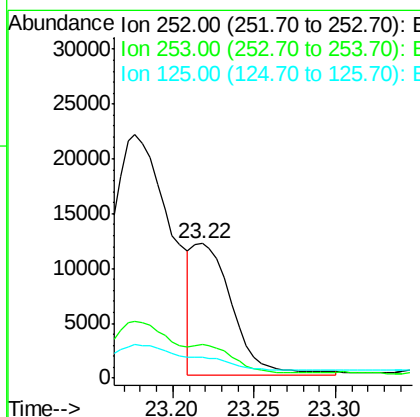
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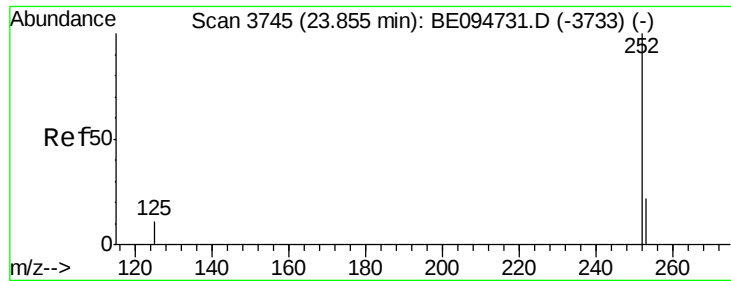
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#22
Benzo(k)fluoranthene
Concen: 0.454 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.1	24.5	36.7
125	15.6	13.7	20.5





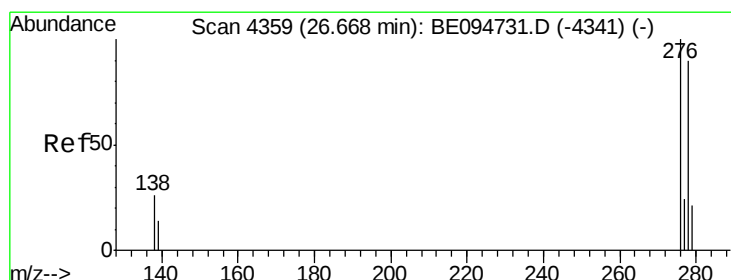
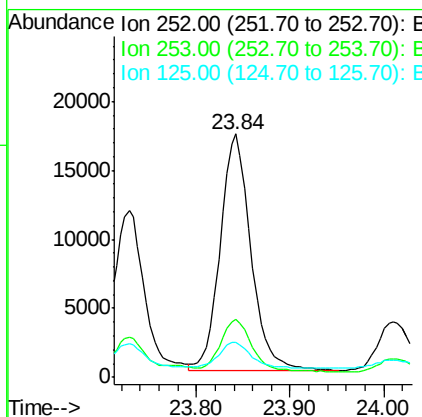
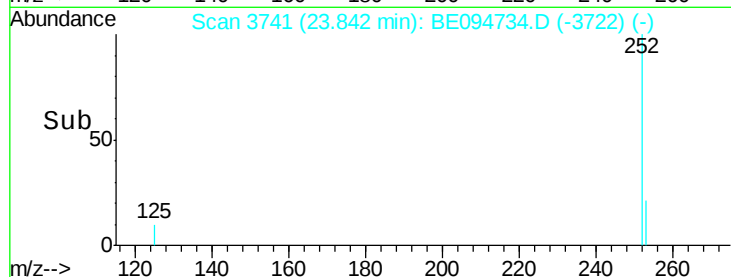
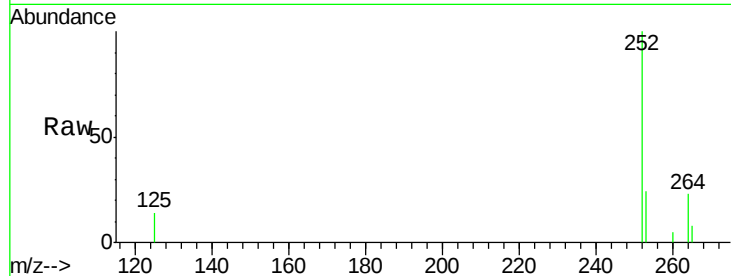
#23
Benzo(a)pyrene
Concen: 0.910 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.0	28.5	42.7#
125	14.2	18.1	27.1#

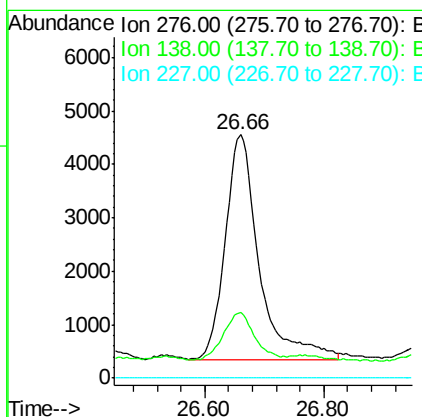
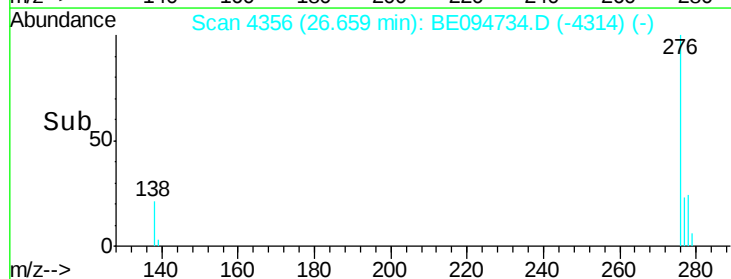
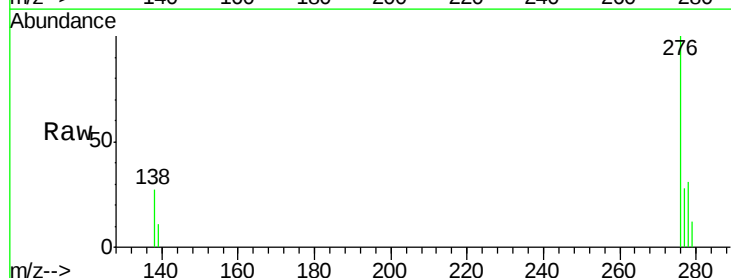
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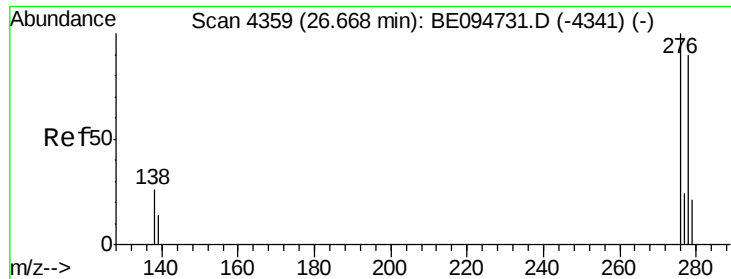
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094734.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.6	28.0	42.0#
227	0.0	8.0	12.0#





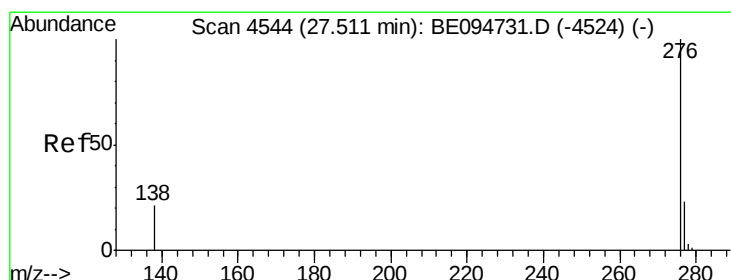
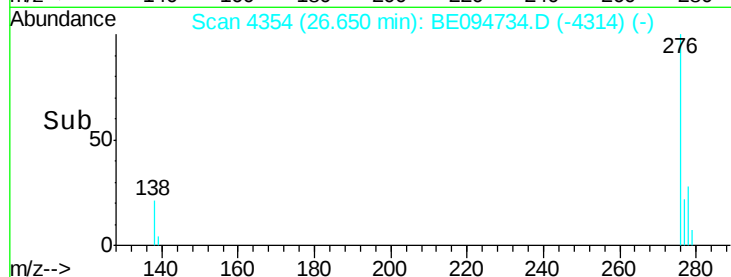
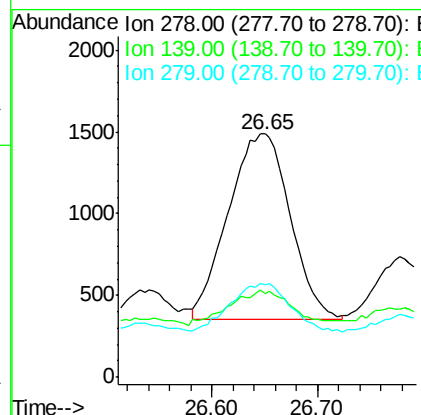
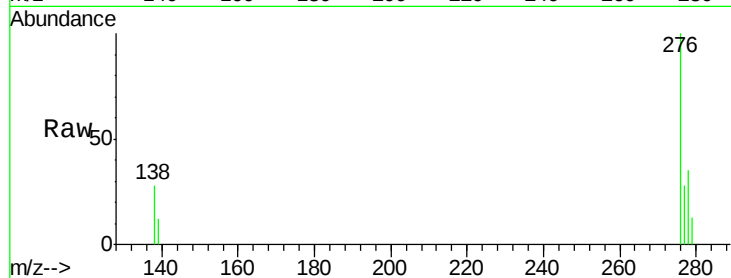
#25
Dibenzo(a,h)anthracene
Concen: 0.123 ng/u1
RT: 26.65 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
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B-71(3-5)-101617

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.3	17.4	26.0#
279	38.0	25.9	38.9

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#26
Benzo(g,h,i)perylene
Concen: 0.359 ng/u1
RT: 27.50 min Scan# 4541
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	29.4	20.5	30.7

