

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094616.D
 Acq On : 28 Oct 2017 11:01
 Operator : SJ/JU
 Sample : I5842-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Manual Integrations
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 10/30/2017 6:37:31 PM

Quant Time: Oct 30 02:49:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:20:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1265	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7444	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9332	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9300	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9767	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	645	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1593	0.06	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.58	153	756	0.056	ng/ul	96
9) Fluorene	15.57	166	665	0.044	ng/ul#	88
12) Phenanthrene	17.29	178	20778	0.843	ng/ul#	89
13) Anthracene	17.38	178	2809	0.115	ng/ul#	92
15) Fluoranthene	19.31	202	60232	2.114	ng/ul	84
17) Pyrene	19.67	202	52505	1.826	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	25187	0.947	ng/ul#	87
19) Chrysene	21.46	228	28276	1.029	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	39931m	1.453	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	13959m	0.474	ng/ul	
23) Benzo(a)pyrene	23.85	252	25141	0.915	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	15609	0.549	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.65	278	3635	0.152	ng/ul#	75
26) Benzo(g,h,i)perylene	27.51	276	12317	0.540	ng/ul	93

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

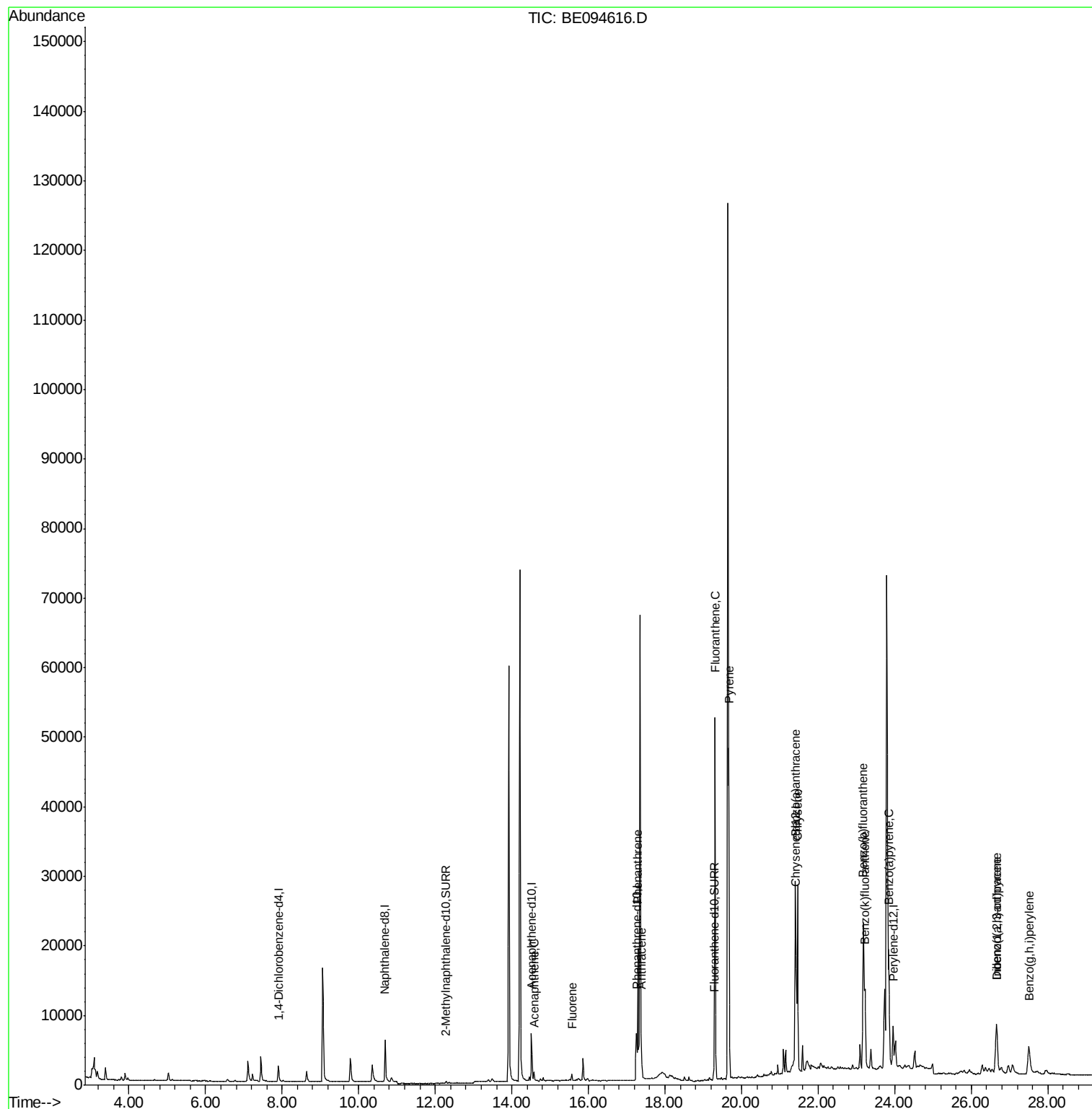
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 20 Sample Multiplier: 1

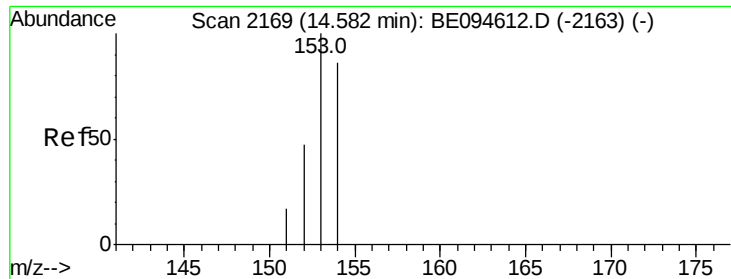
Instrument :
BNA_E
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C0AA1DL

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#8

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

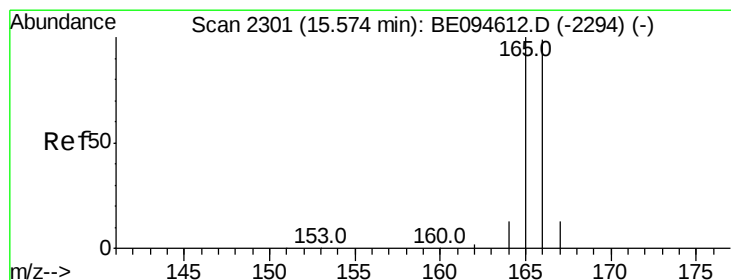
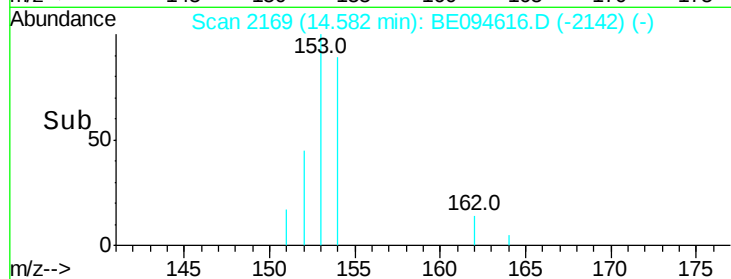
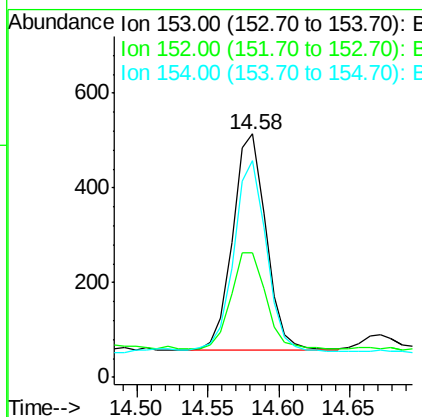
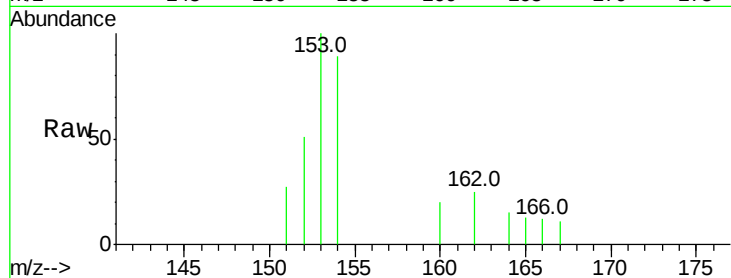
ClientSampleId :

C0AA1DL

Tot Ion:	153	Resp:	756
Ion	Ratio	Lower	Upper
153	100		
152	51.4	36.0	54.0
154	88.9	72.0	108.0

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#9

Fluorene

Concen: 0.044 ng/ul

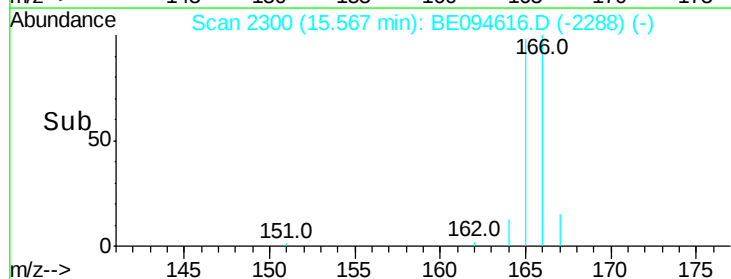
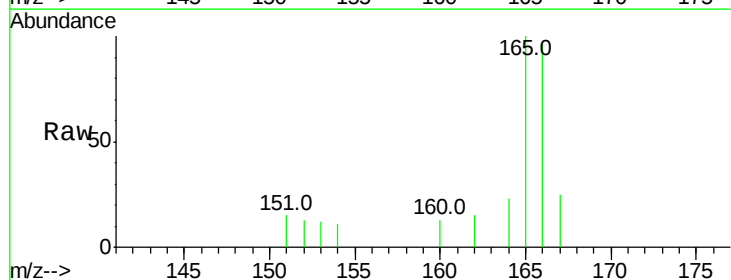
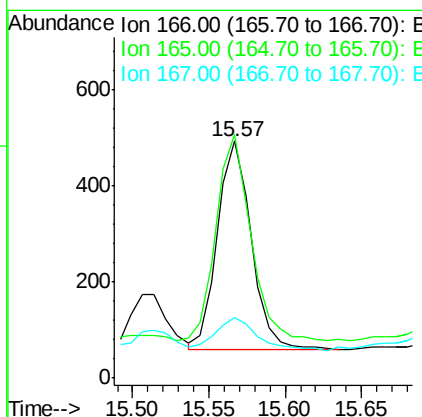
RT: 15.57 min Scan# 2300

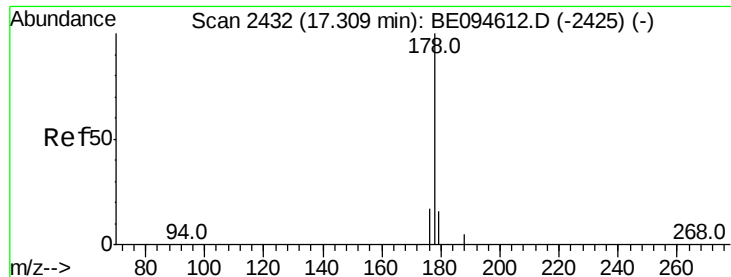
Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Tgt Ion:	166	Resp:	665
Ion	Ratio	Lower	Upper
166	100		
165	102.8	73.4	110.2
167	25.6	14.6	22.0





#12

Phenanthrene

Concen: 0.843 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

Tot Ion:178 Resp: 20778

Ion Ratio Lower Upper

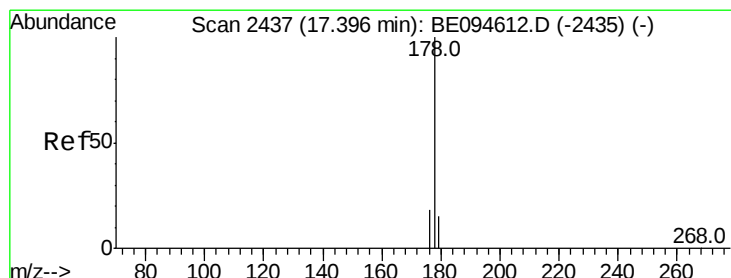
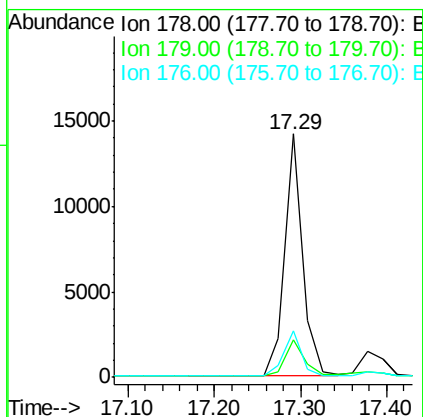
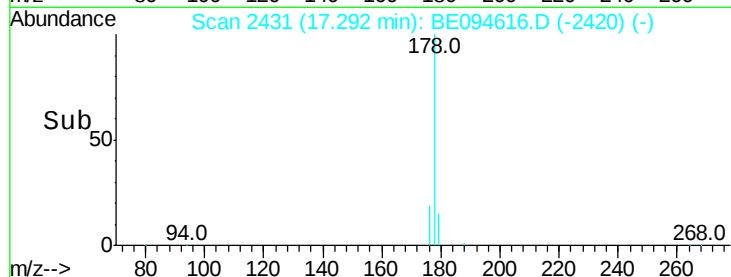
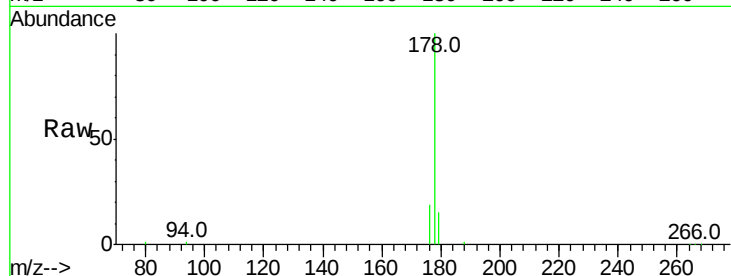
178 100

179 15.2 18.4 27.6#

176 19.0 13.6 20.4

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#13

Anthracene

Concen: 0.115 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

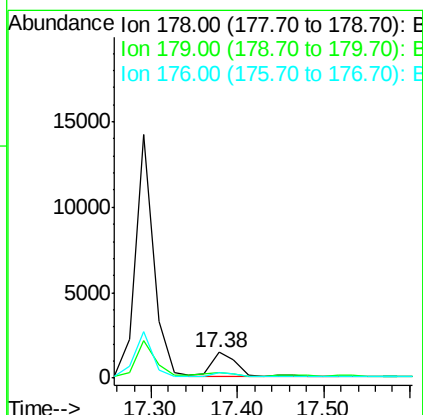
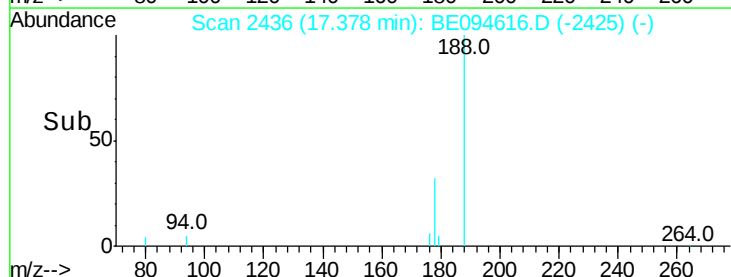
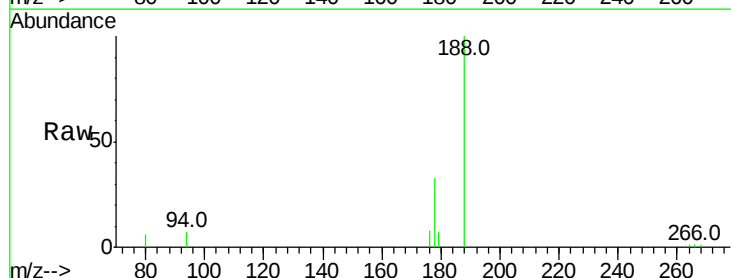
Tgt Ion:178 Resp: 2809

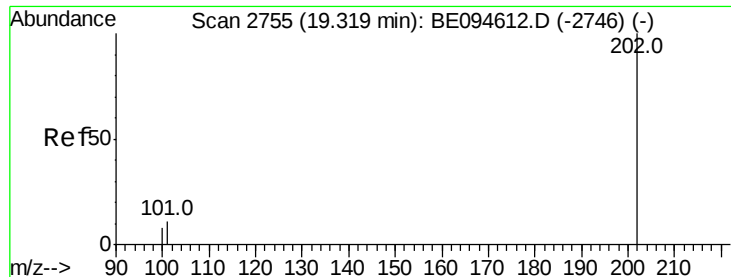
Ion Ratio Lower Upper

178 100

179 20.6 18.1 27.1

176 23.9 14.7 22.1#





#15

Fluoranthene

Concen: 2.114 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

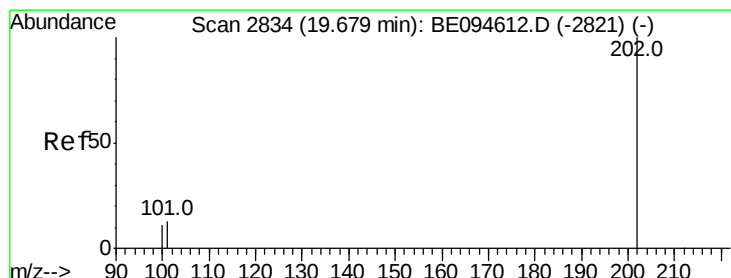
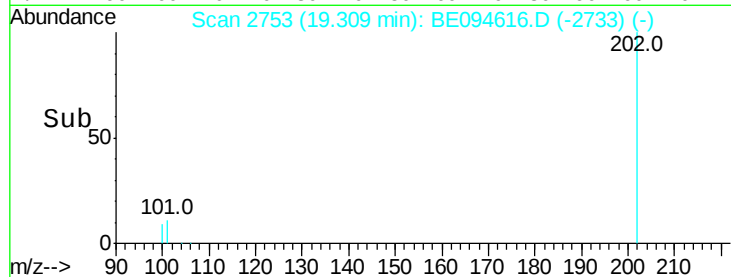
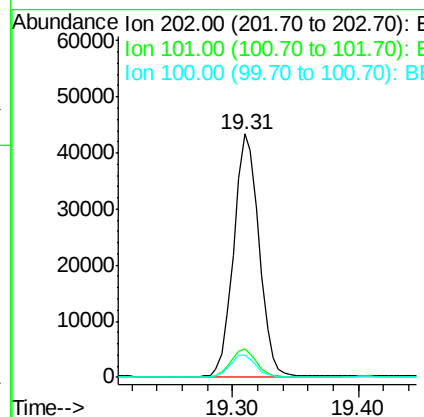
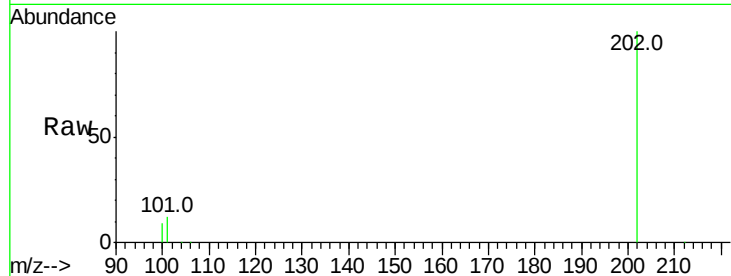
ClientSampleId :

C0AA1DL

Tot Ion:	202	Resp:	60232
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.3
100	9.2	0.0	39.5

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#17

Pyrene

Concen: 1.826 ng/ul

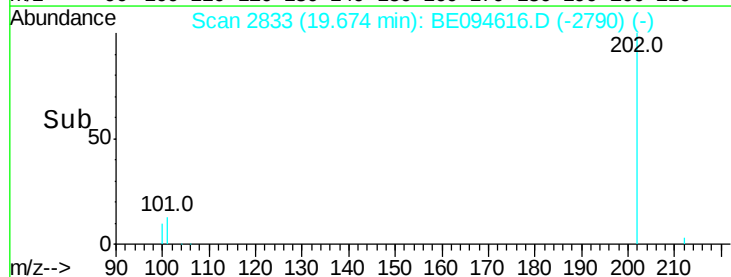
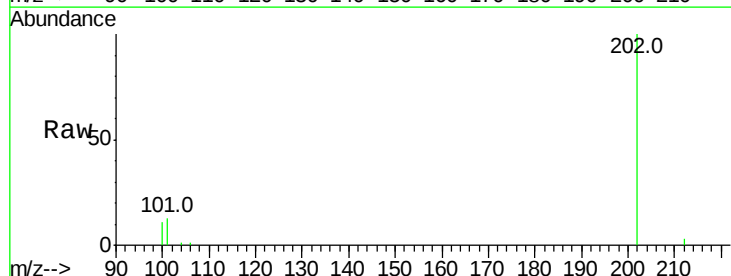
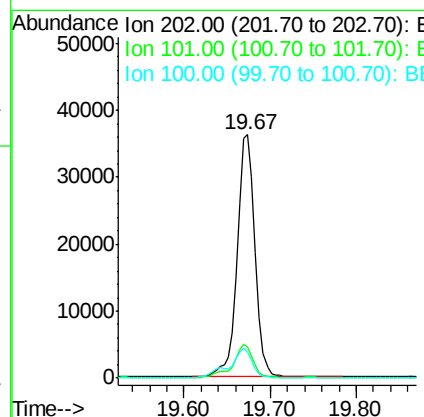
RT: 19.67 min Scan# 2833

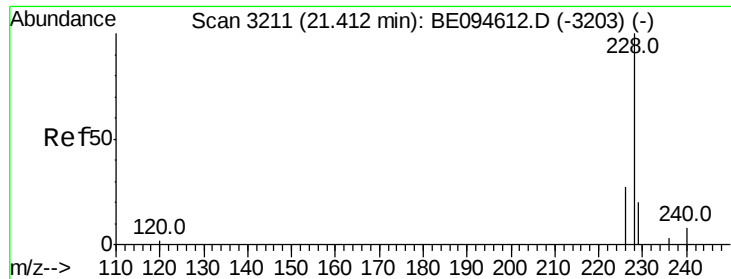
Delta R.T. -0.00 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Tgt Ion:	202	Resp:	52505
Ion Ratio	Lower	Upper	
202	100		
101	12.9	18.2	27.4#
100	10.7	15.6	23.4#





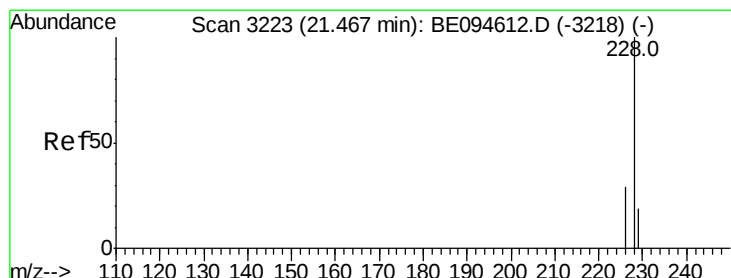
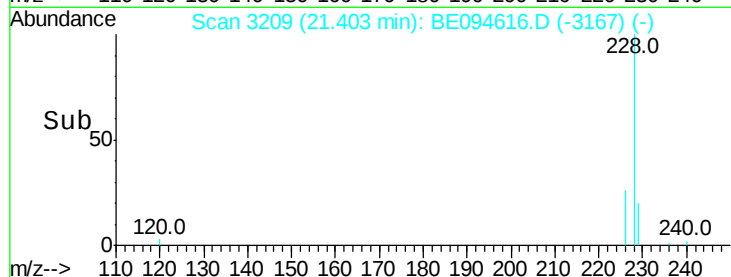
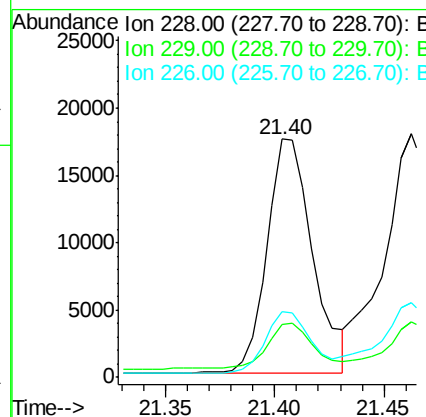
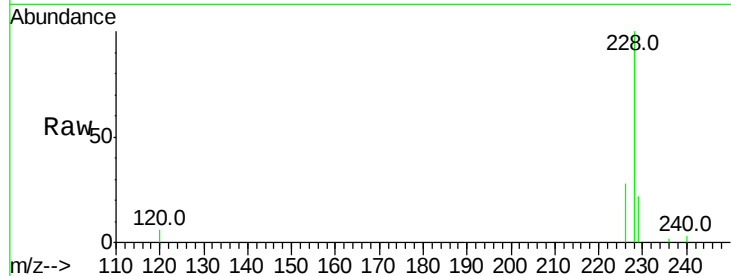
#18
Benzo(a)anthracene
Concen: 0.947 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Instrument :
BNA_E
ClientSampled :
C0AA1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	27.6	17.0	25.6#

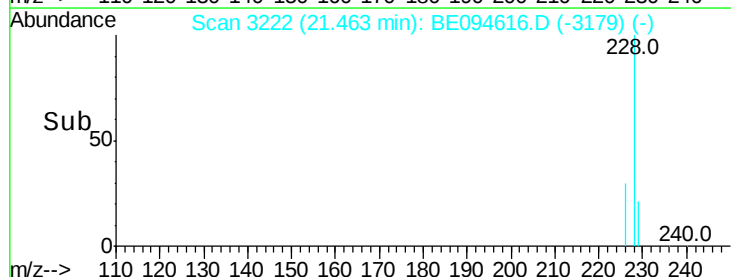
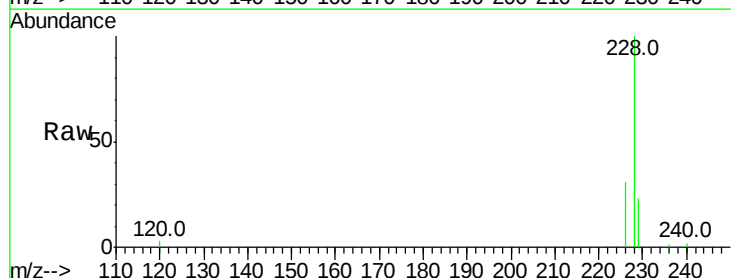
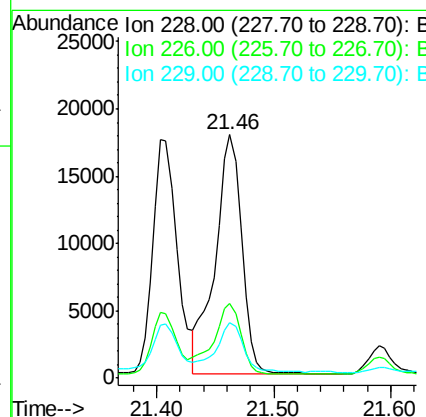
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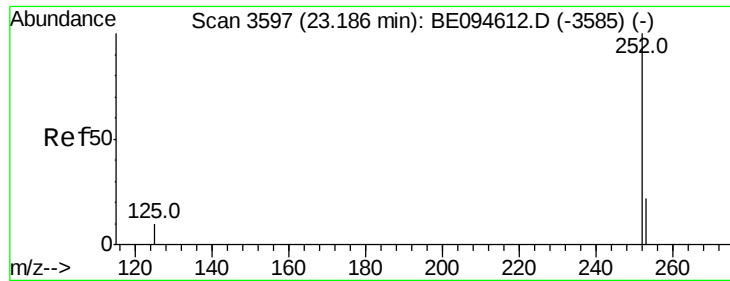
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#19
Chrysene
Concen: 1.029 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	22.8	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.453 ng/ul m

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

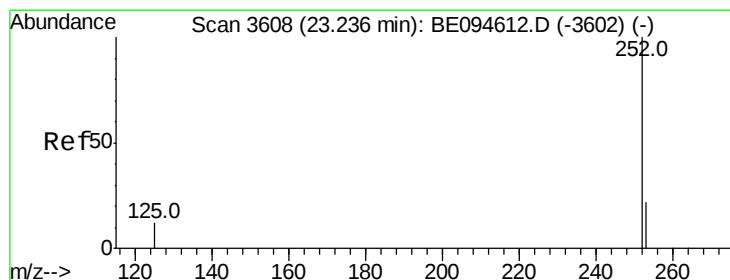
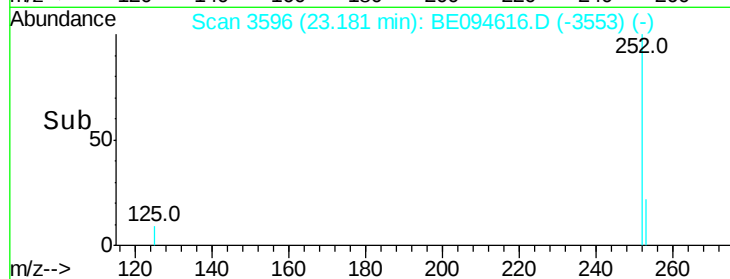
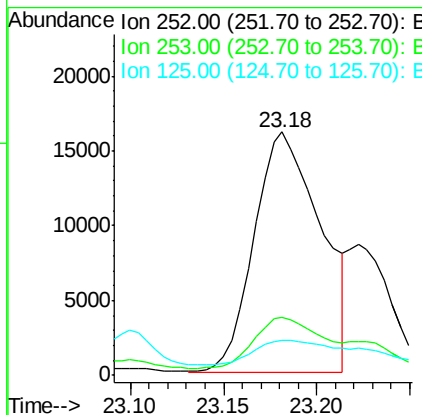
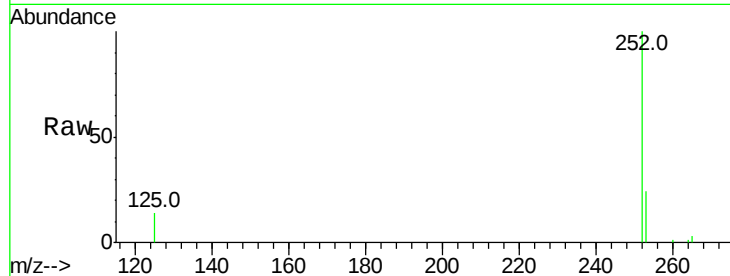
ClientSampleId :

C0AA1DL

Tot Ion:	252	Resp:	39931
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	14.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.474 ng/ul m

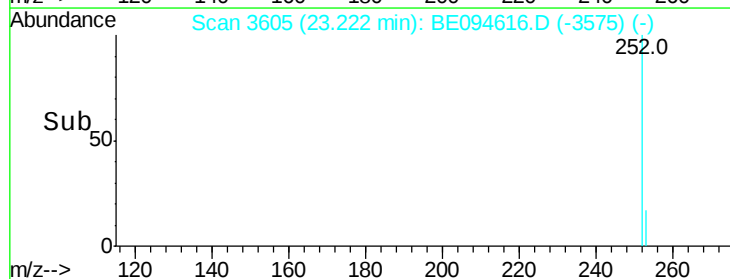
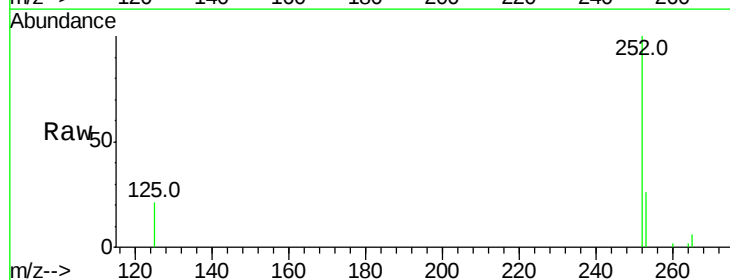
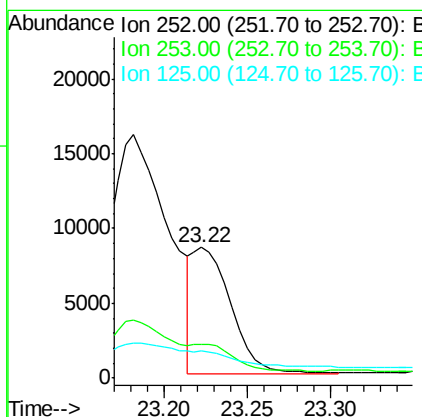
RT: 23.22 min Scan# 3605

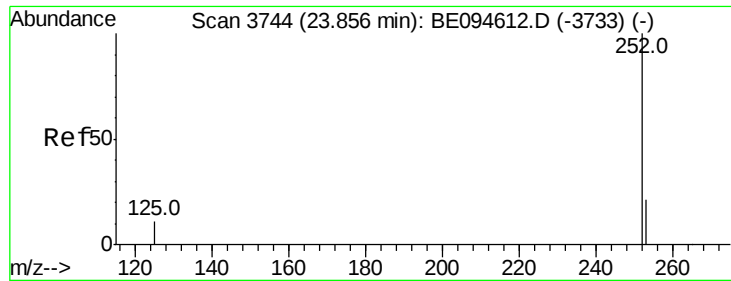
Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Tgt Ion:	252	Resp:	13959
Ion Ratio	Lower	Upper	
252	100		
253	26.2	24.5	36.7
125	20.5	13.7	20.5#





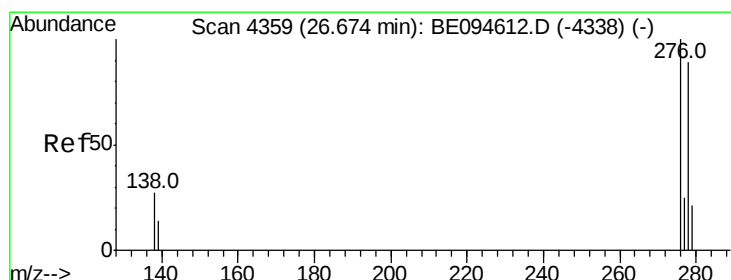
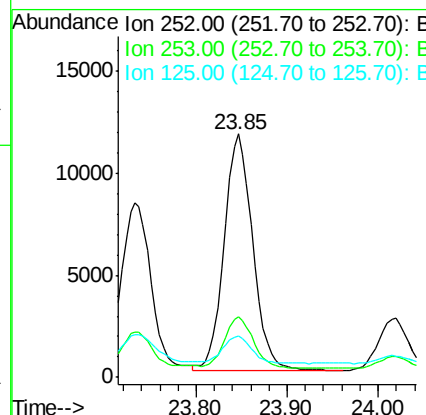
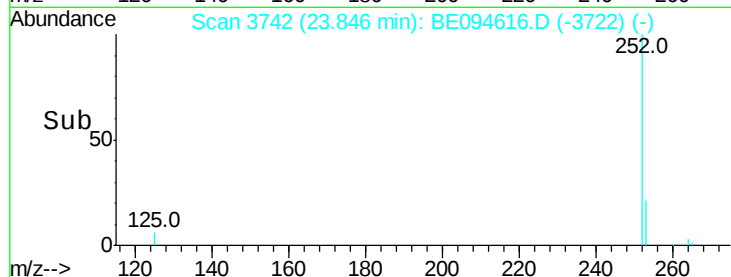
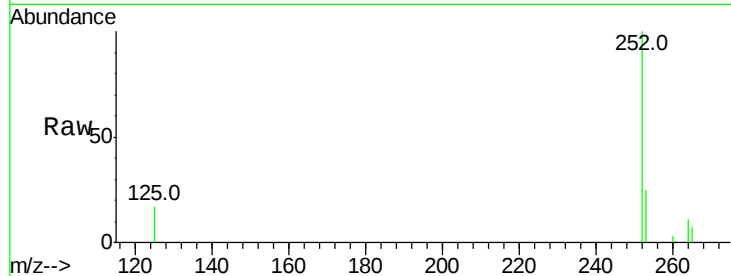
#23
Benzo(a)pyrene
Concen: 0.915 ng/ul
RT: 23.85 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Instrument :
BNA_E
ClientSampleId :
C0AA1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7#
125	17.1	18.1	27.1#

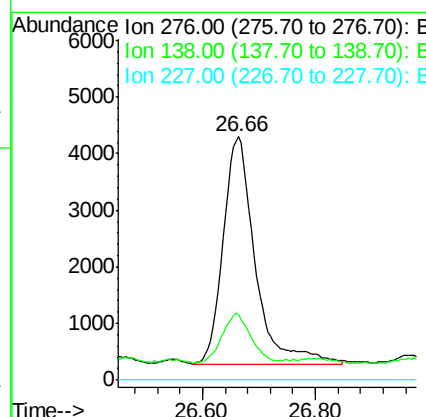
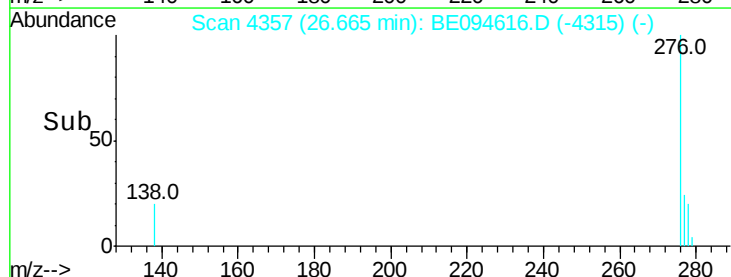
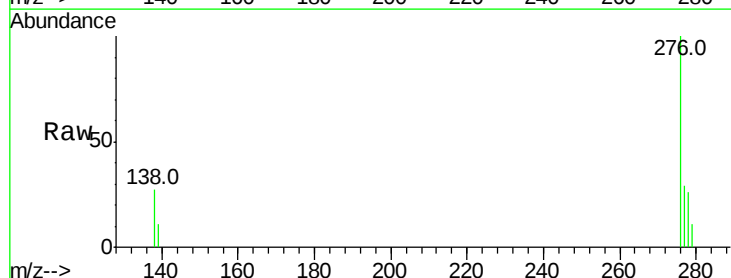
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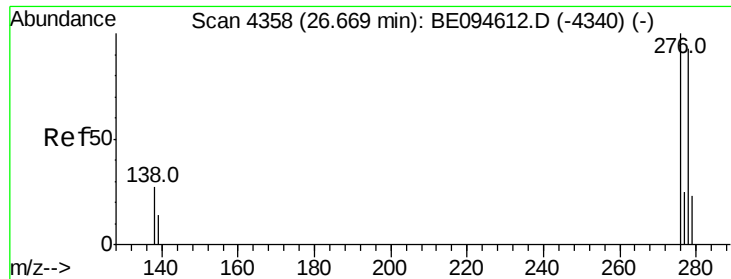
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#





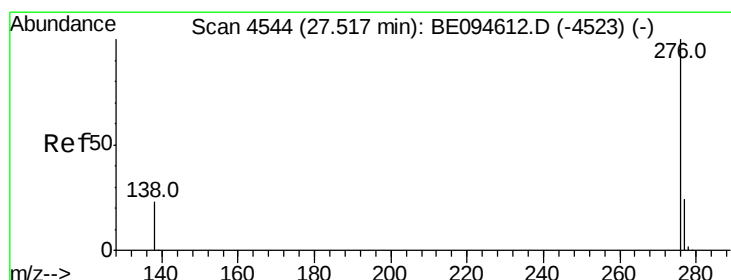
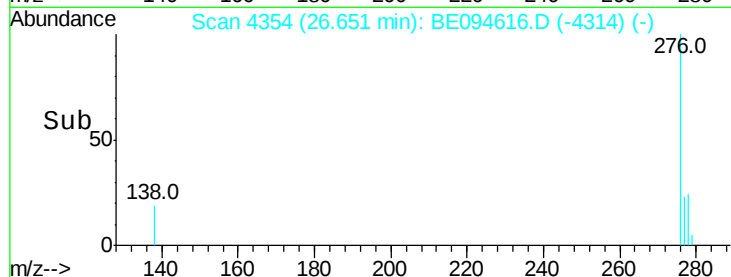
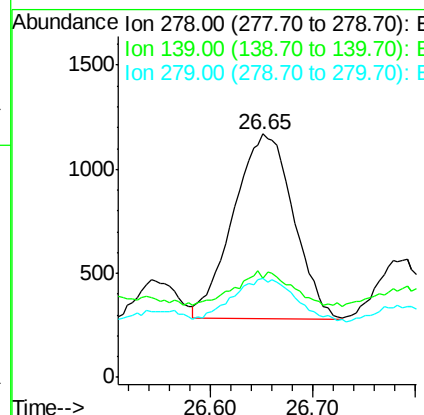
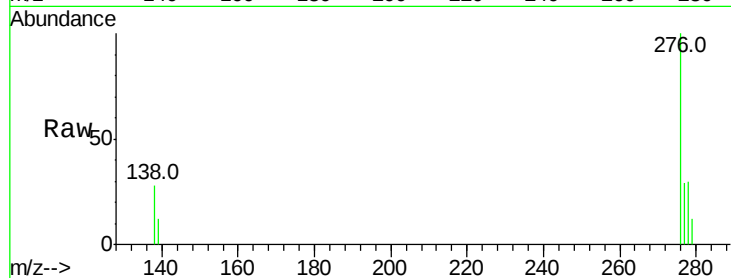
#25
Dibenzo(a,h)anthracene
Concen: 0.152 ng/u1
RT: 26.65 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Instrument :
BNA_E
ClientSampled :
C0AA1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.9	17.4	26.0#
279	40.4	25.9	38.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.540 ng/u1
RT: 27.51 min Scan# 4542
Delta R.T. -0.01 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	30.4	20.5	30.7

