

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094623.D
 Acq On : 28 Oct 2017 15:17
 Operator : SJ/JU
 Sample : I5842-05DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5DL

Manual Integrations
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Quant Time: Oct 30 04:01:21 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 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2094	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	12028	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6627	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14419	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	14293	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14731	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	990	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2347	0.05	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.58	153	1556	0.072	ng/ul	95
9) Fluorene	15.57	166	1323	0.055	ng/ul#	93
12) Phenanthrene	17.29	178	38788	1.018	ng/ul#	89
13) Anthracene	17.38	178	5524	0.147	ng/ul#	92
15) Fluoranthene	19.31	202	109841	2.495	ng/ul	84
17) Pyrene	19.67	202	95807	2.168	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	47713	1.168	ng/ul#	88
19) Chrysene	21.46	228	50902	1.205	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	71263m	1.720	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	27065m	0.609	ng/ul	
23) Benzo(a)pyrene	23.85	252	46980	1.134	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.67	276	28634	0.668	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	6703	0.186	ng/ul#	87
26) Benzo(g,h,i)perylene	27.51	276	21751	0.632	ng/ul	97

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

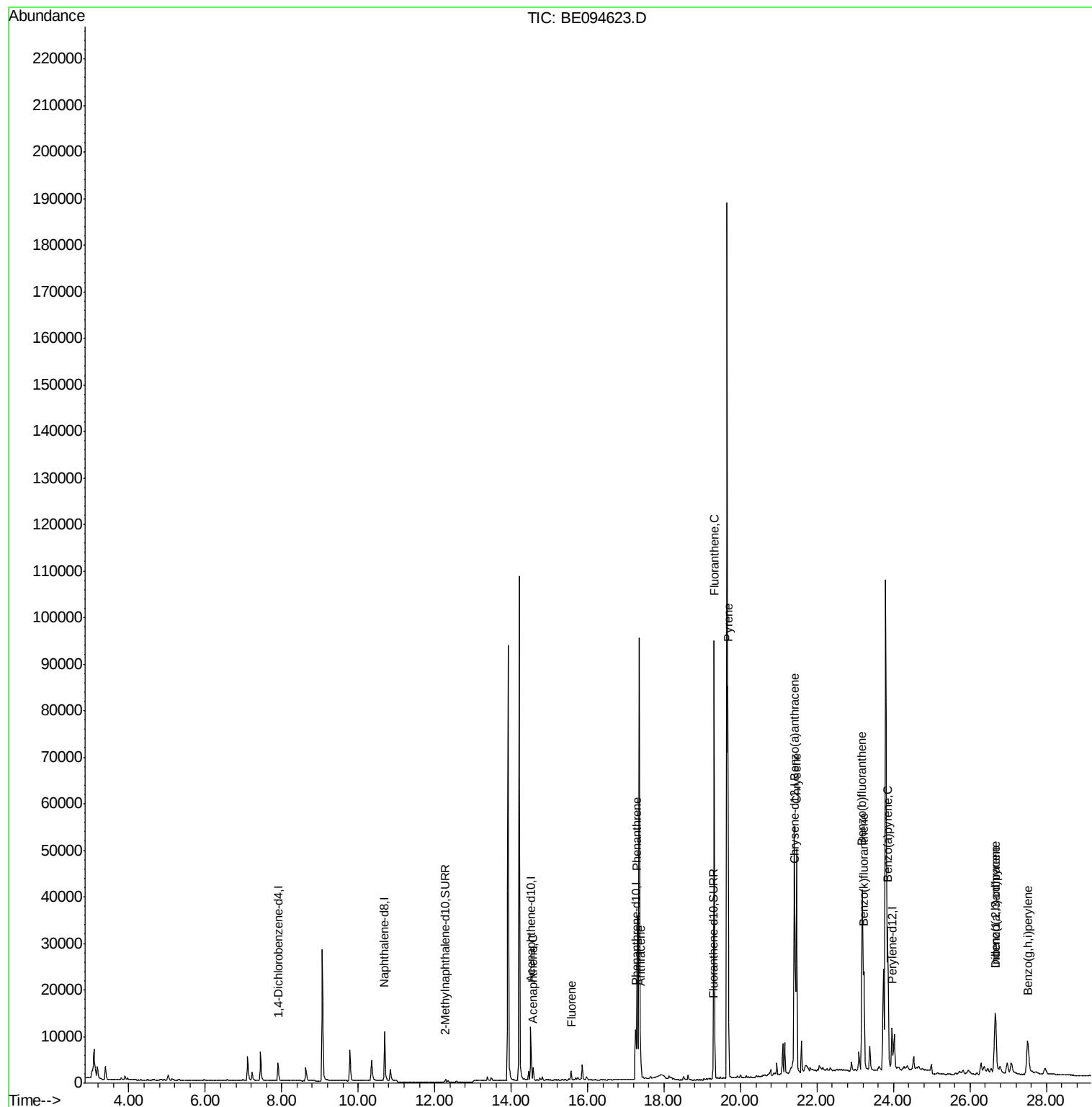
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 26 Sample Multiplier: 1

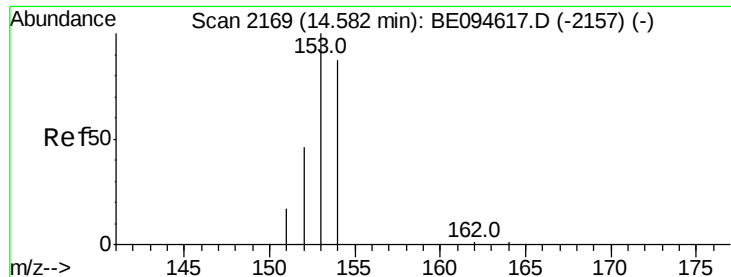
Instrument :
BNA_E
ClientSampleId :
C0AA5DL

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Quant Time: Oct 30 04:01:21 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 02:53:50 2017
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.072 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

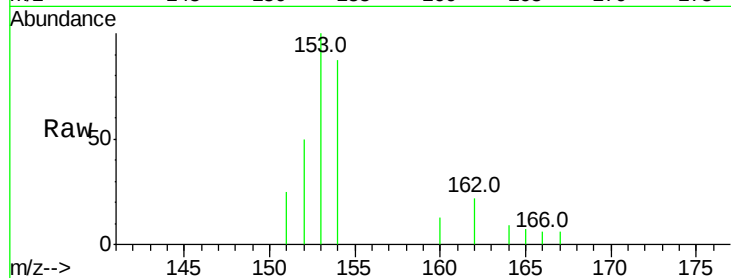
ClientSampled :

C0AA5DL

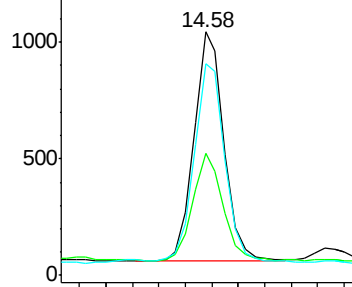
Tot Ion:	153	Resp:	1556
Ion Ratio	Lower	Upper	
153	100		
152	50.1	36.0	54.0
154	86.9	72.0	108.0

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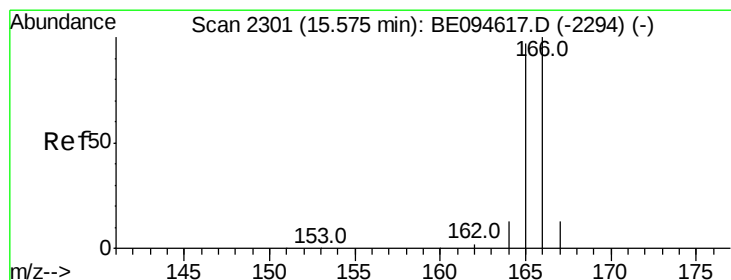
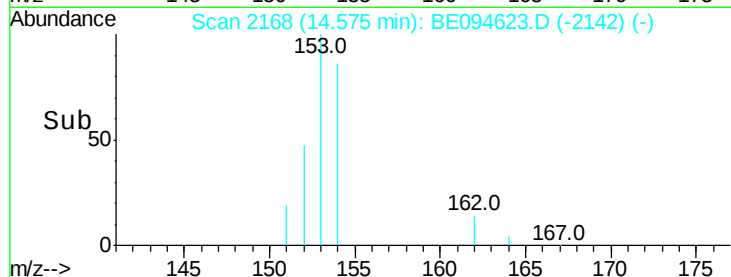
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.055 ng/ul

RT: 15.57 min Scan# 2300

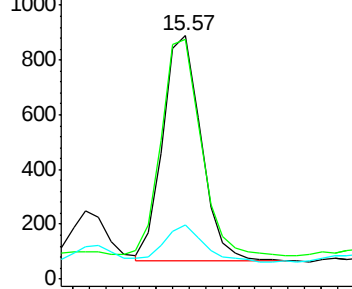
Delta R.T. -0.01 min

Lab File: BE094623.D

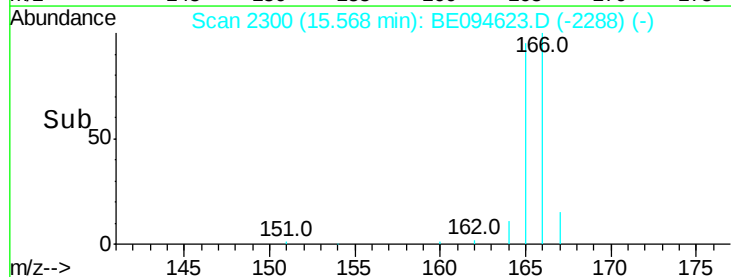
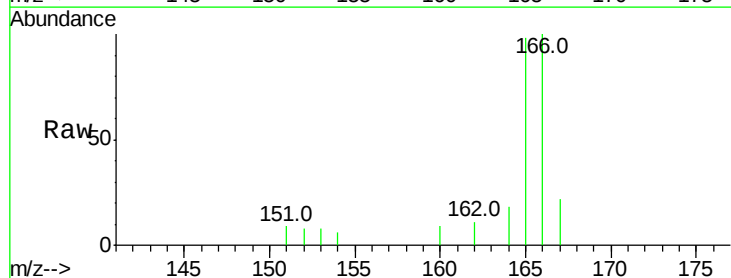
Acq: 28 Oct 2017 15:17

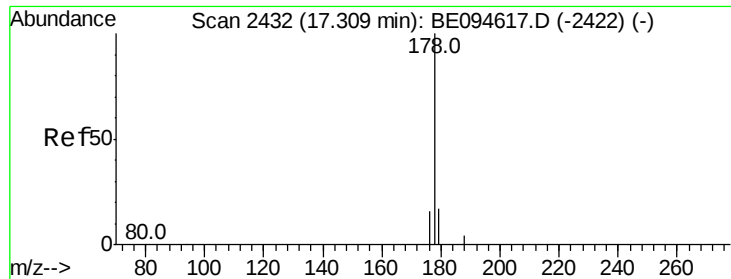
Tgt Ion:	166	Resp:	1323
Ion Ratio	Lower	Upper	
166	100		
165	98.3	73.4	110.2
167	22.2	14.6	22.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 1.018 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

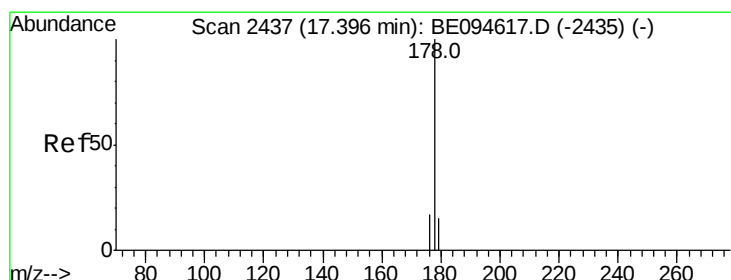
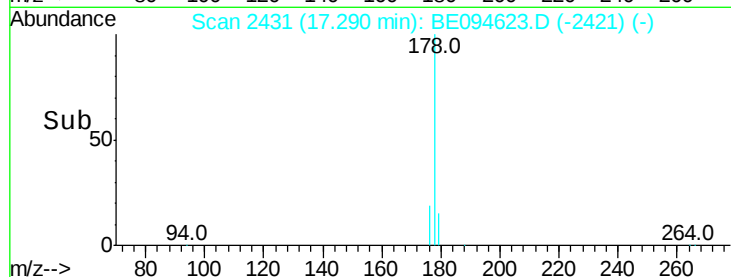
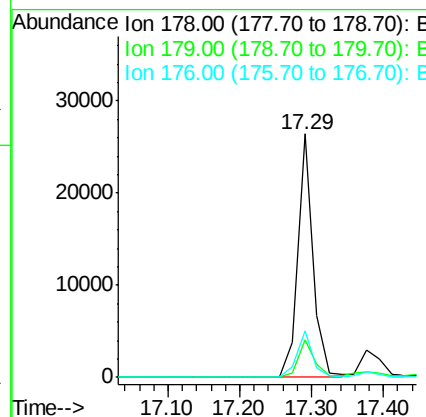
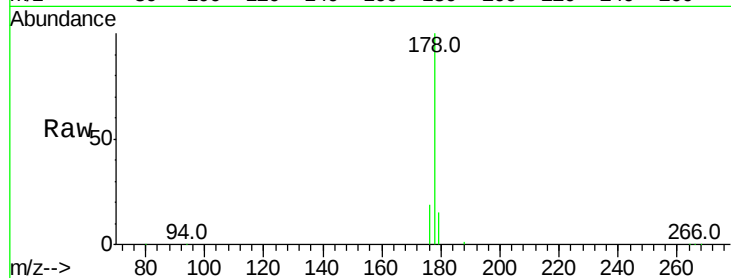
Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Tot Ion:178 Resp: 38788

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	18.9	13.6	20.4

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#13

Anthracene

Concen: 0.147 ng/ul

RT: 17.38 min Scan# 2436

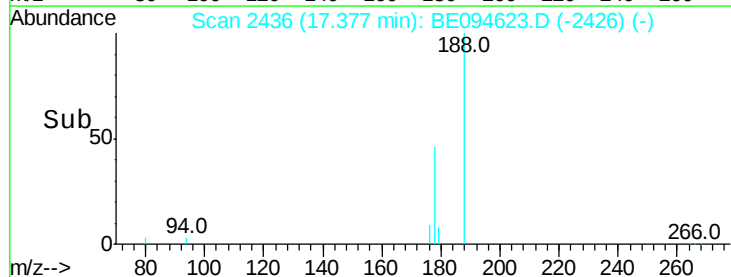
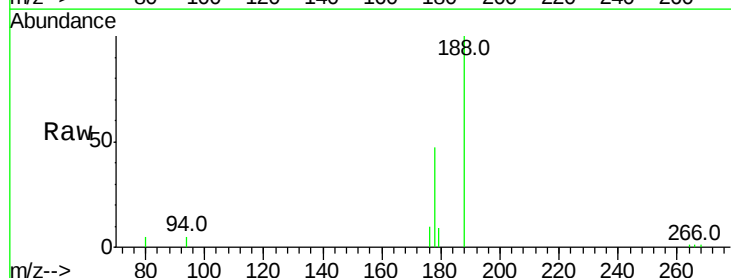
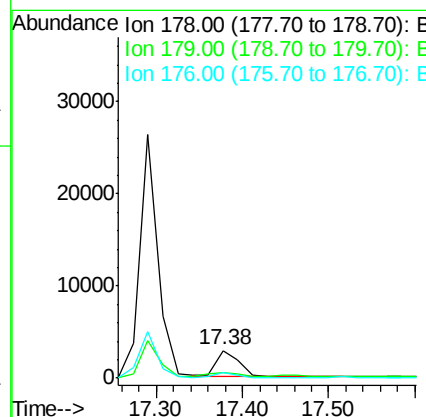
Delta R.T. -0.02 min

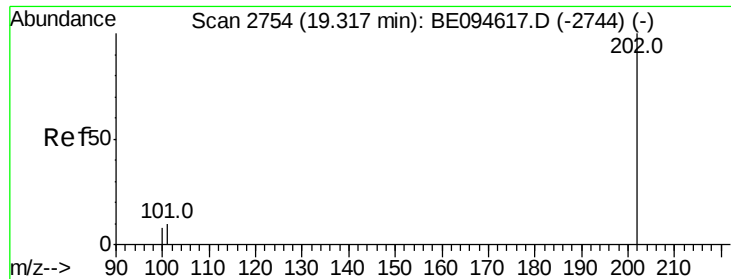
Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Tgt Ion:178 Resp: 5524

Ion	Ratio	Lower	Upper
178	100		
179	19.3	18.1	27.1
176	22.1	14.7	22.1#





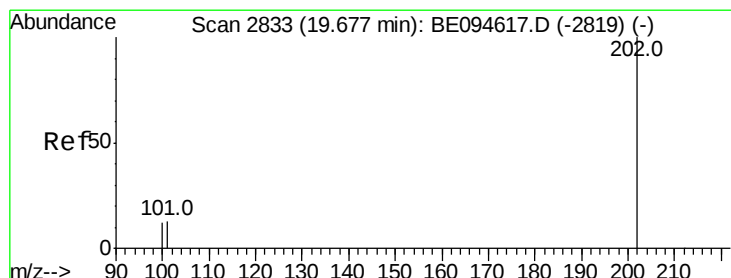
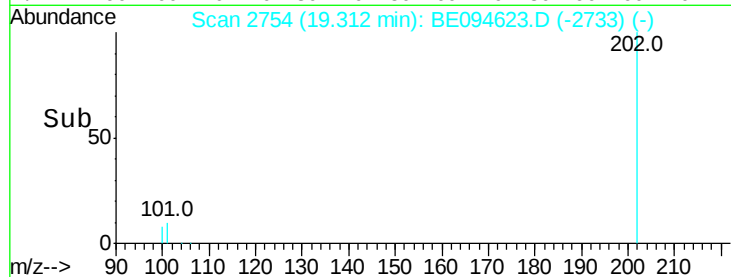
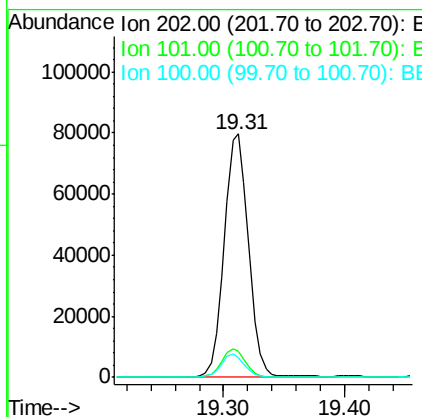
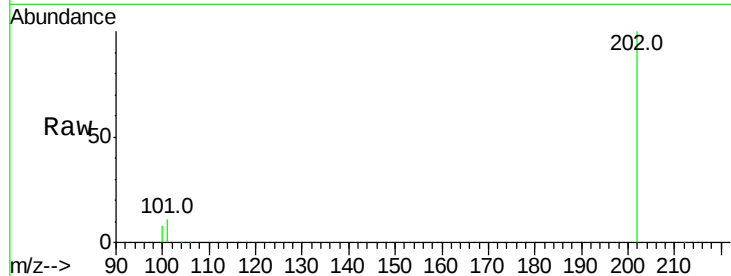
#15
Fluoranthene
Concen: 2.495 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.3	0.0	39.5

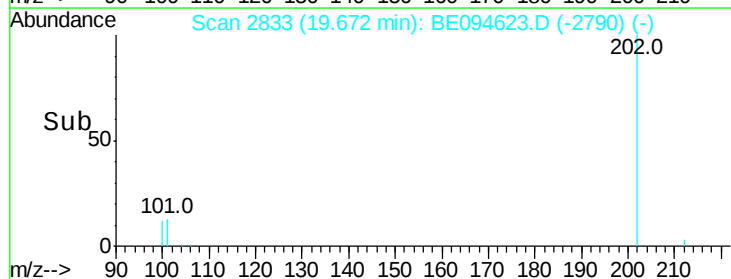
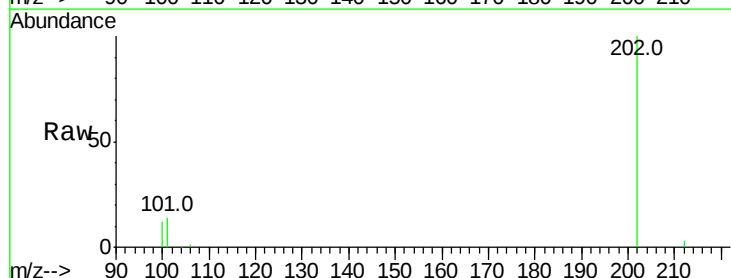
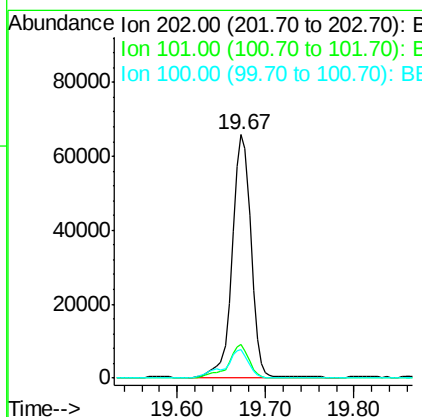
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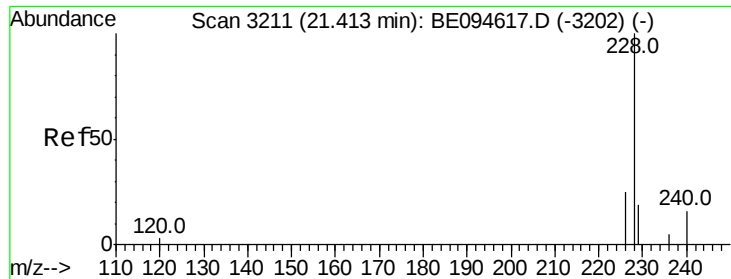
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#17
Pyrene
Concen: 2.168 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	11.9	15.6	23.4#





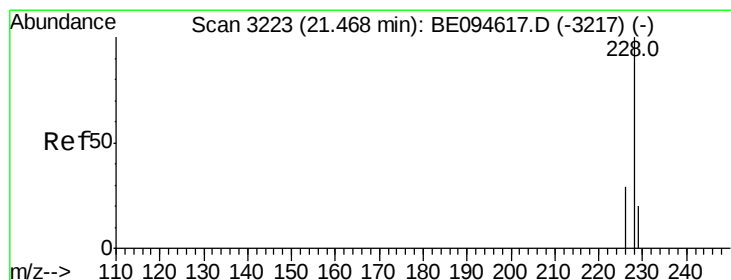
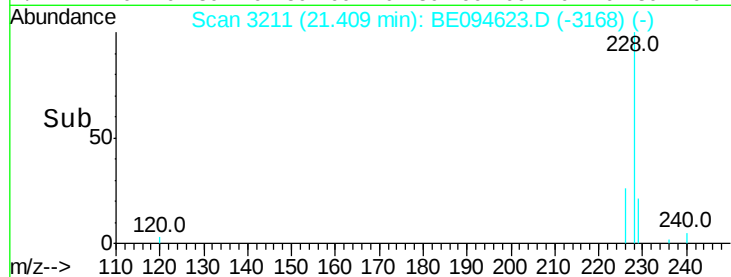
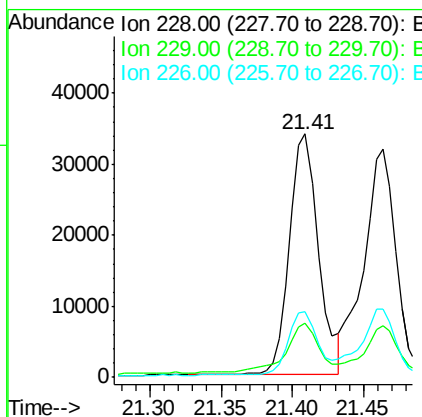
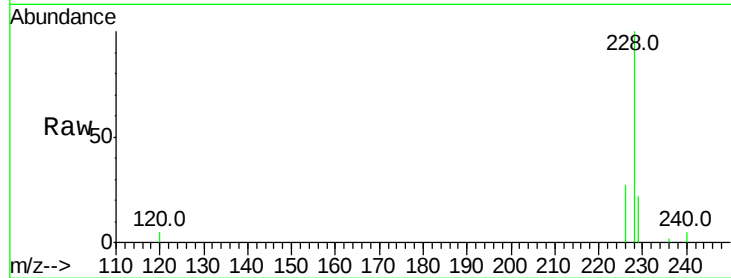
#18
Benzo(a)anthracene
Concen: 1.168 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	22.8	34.2#
226	26.8	17.0	25.6#

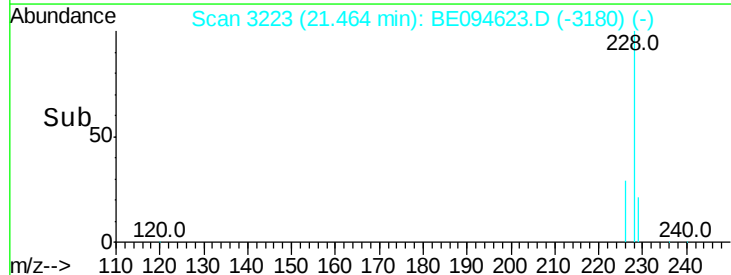
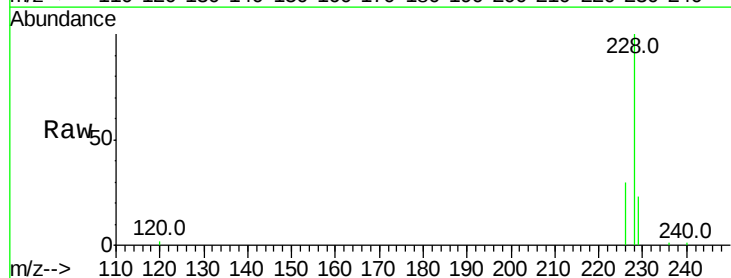
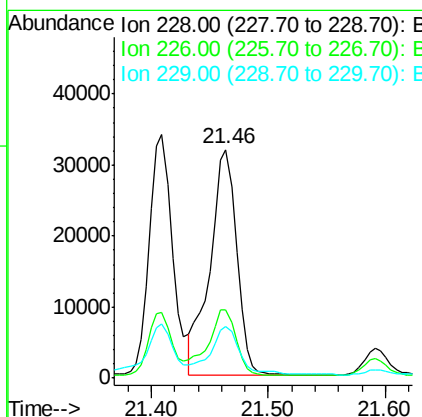
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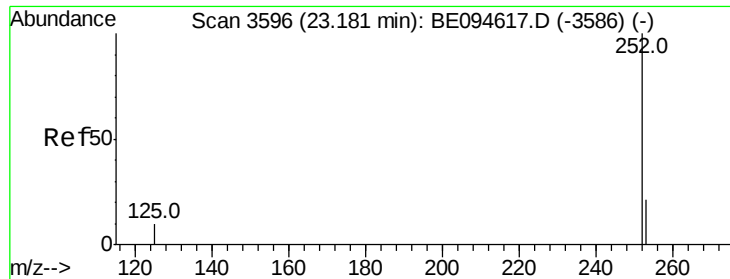
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#19
Chrysene
Concen: 1.205 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.6	17.7	26.5





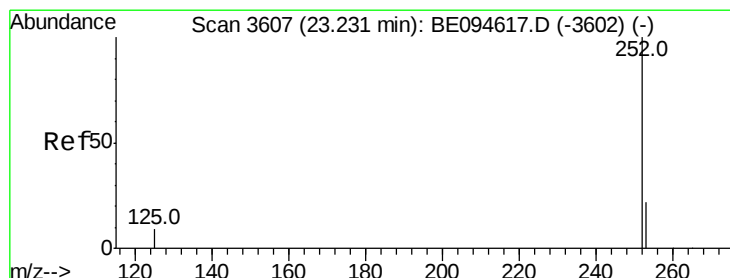
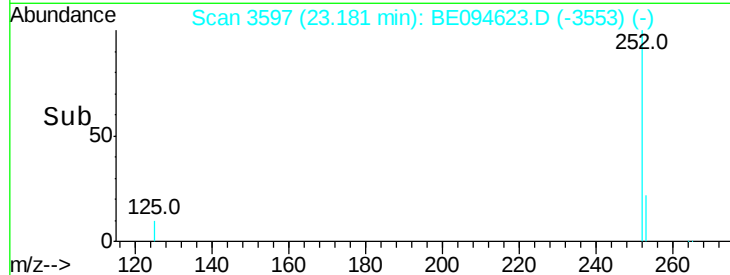
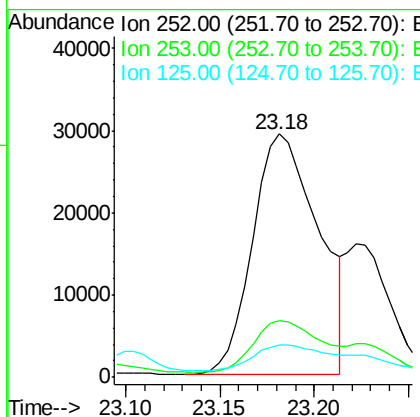
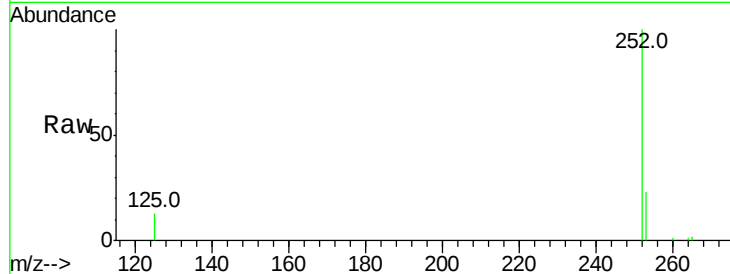
#21
Benzo(b)fluoranthene
Concen: 1.720 ng/ul m
RT: 23.18 min Scan# 3597
Delta R.T. 0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	13.1	0.0	35.0

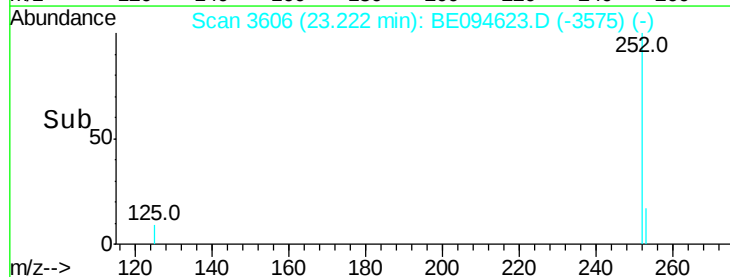
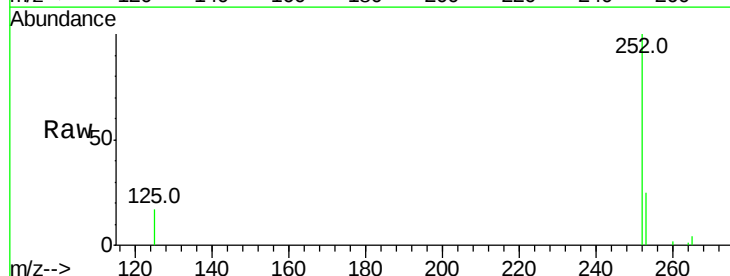
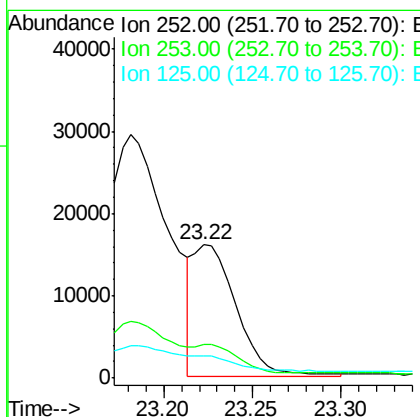
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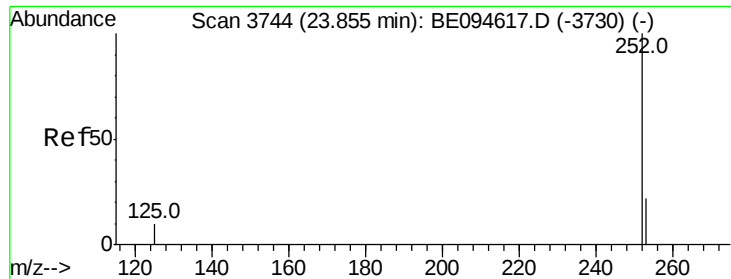
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#22
Benzo(k)fluoranthene
Concen: 0.609 ng/ul m
RT: 23.22 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	16.6	13.7	20.5





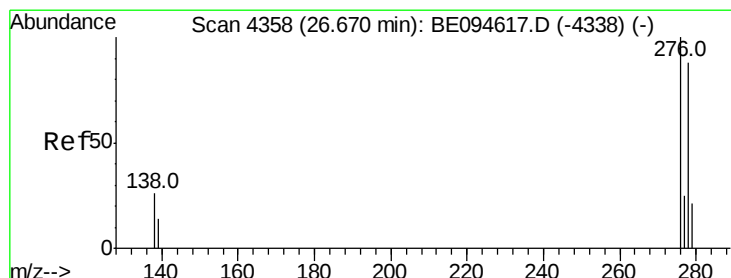
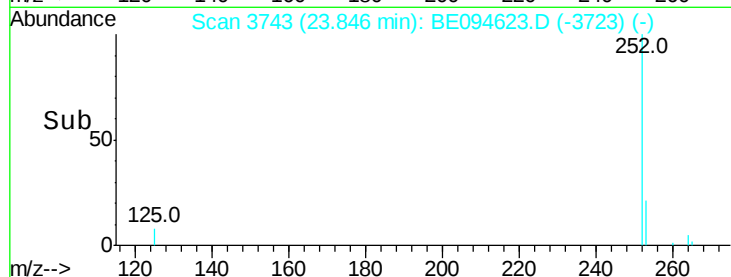
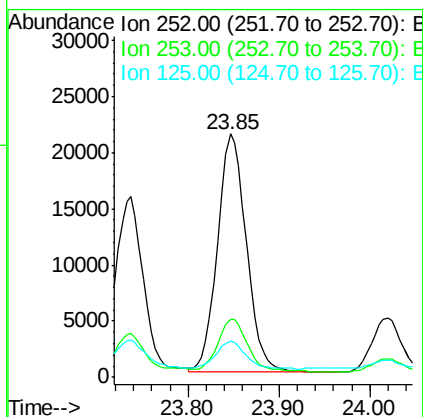
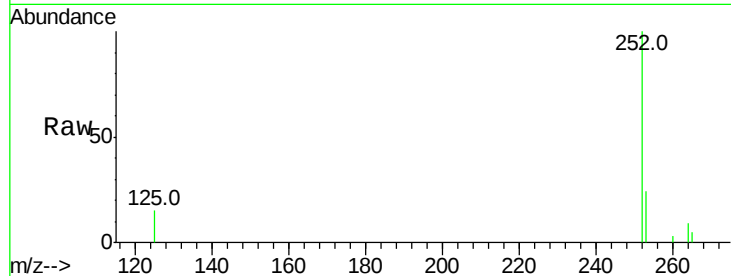
#23
Benzo(a)pyrene
Concen: 1.134 ng/ul
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	14.7	18.1	27.1#

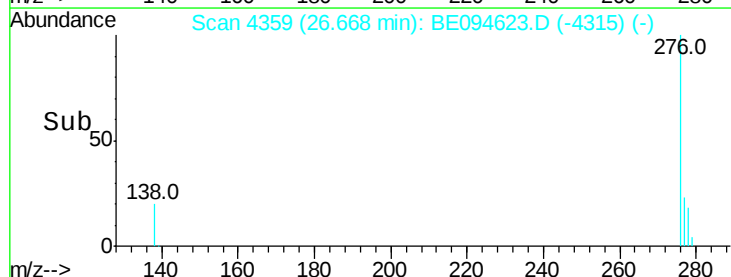
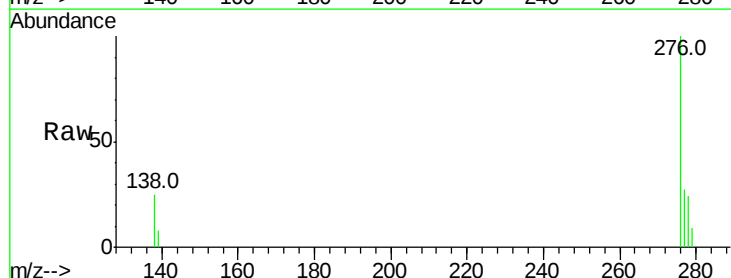
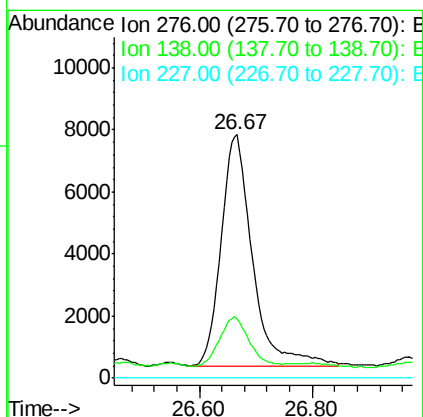
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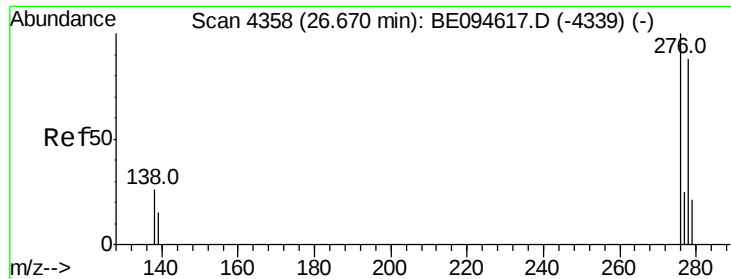
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.668 ng/ul
RT: 26.67 min Scan# 4359
Delta R.T. -0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#





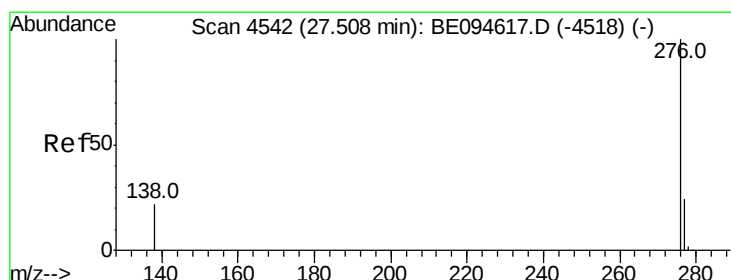
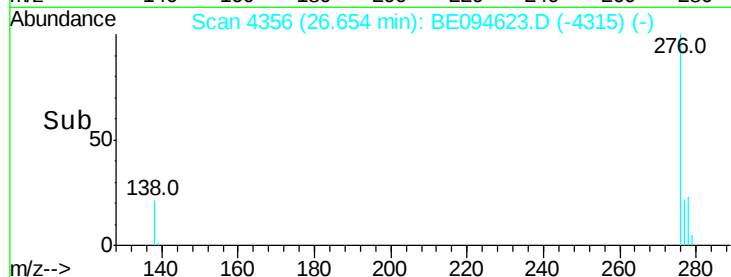
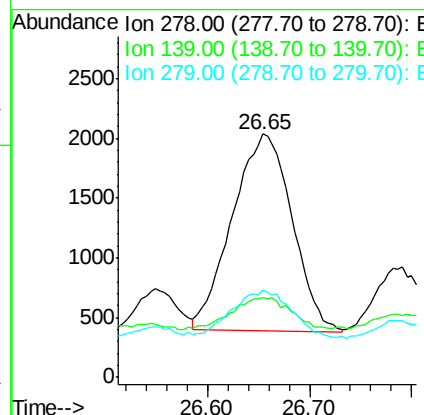
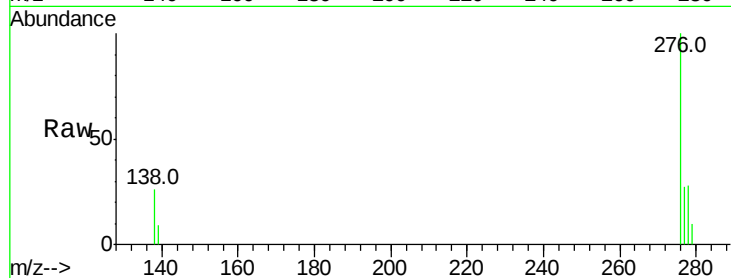
#25
Dibenzo(a,h)anthracene
Concen: 0.186 ng/u1
RT: 26.65 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.7	17.4	26.0#
279	36.1	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.632 ng/u1
RT: 27.51 min Scan# 4543
Delta R.T. -0.00 min
Lab File: BE094623.D
Acq: 28 Oct 2017 15:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.8
277	28.4	20.5	30.7

