

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094389.D
 Acq On : 15 Oct 2017 12:35
 Operator : SJ/JU
 Sample : I5548-03DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB4DL

Manual Integrations
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 10/16/2017 8:26:15 PM

Quant Time: Oct 16 07:22:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 06:50:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1966	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10489	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6378	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14946	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14903	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	14350	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	633	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1657	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.24	152	662	0.027	ng/ul#	75
9) Fluorene	15.57	166	515	0.021	ng/ul#	85
12) Phenanthrene	17.29	178	14104	0.361	ng/ul#	89
13) Anthracene	17.38	178	3301	0.087	ng/ul#	91
15) Fluoranthene	19.31	202	38445	0.749	ng/ul	84
17) Pyrene	19.67	202	31616	0.762	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	17153	0.434	ng/ul#	89
19) Chrysene	21.46	228	19902	0.436	ng/ul	96
21) Benzo(b)fluoranthene	23.17	252	25575m	0.656	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	9048m	0.201	ng/ul	
23) Benzo(a)pyrene	23.83	252	15502	0.383	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.61	276	11318	0.273	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	3042	0.088	ng/ul#	60
26) Benzo(g,h,i)perylene	27.45	276	9562	0.268	ng/ul#	91

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

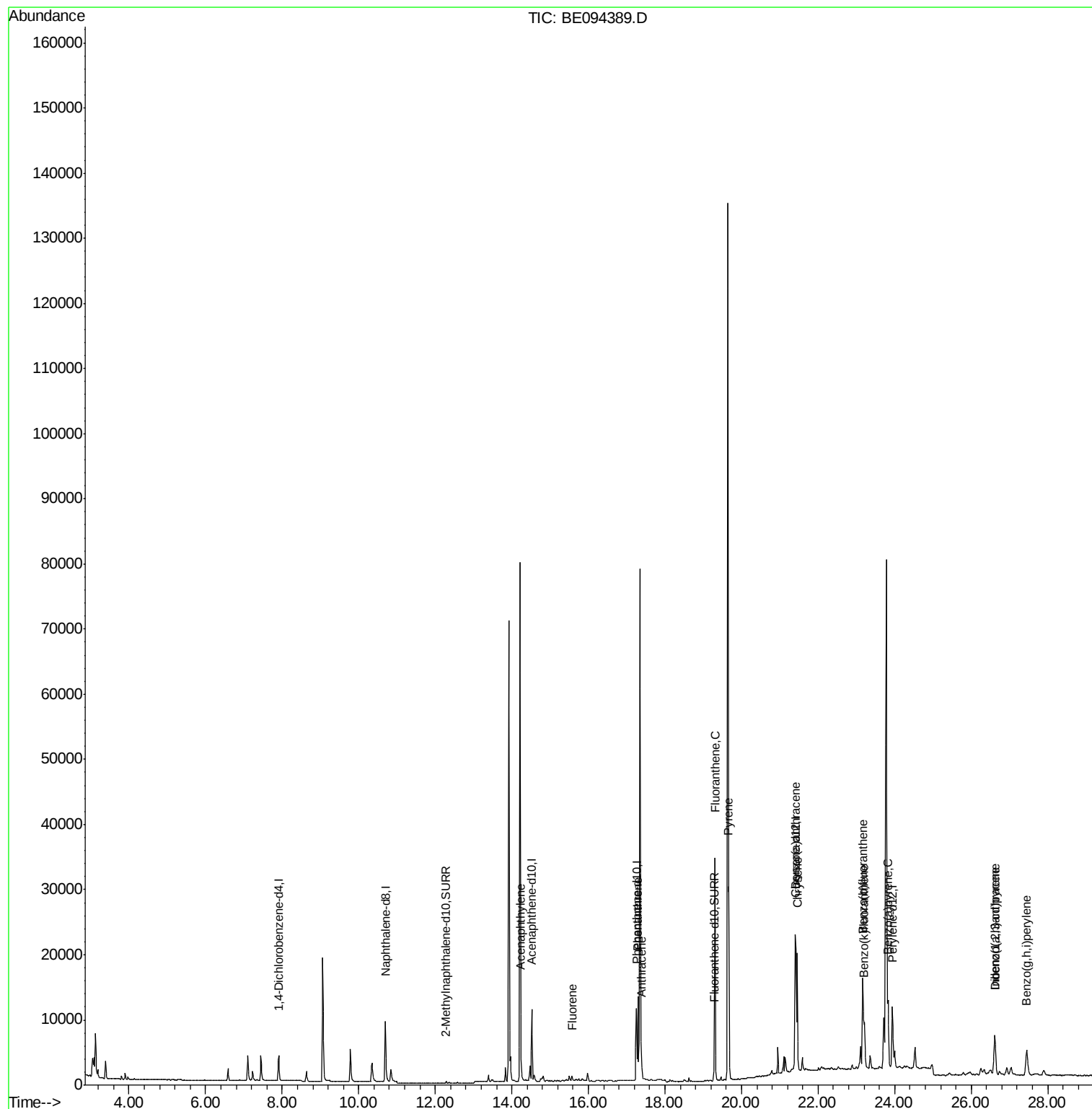
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094389.D
Acq On : 15 Oct 2017 12:35
Operator : SJ/JU
Sample : I5548-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

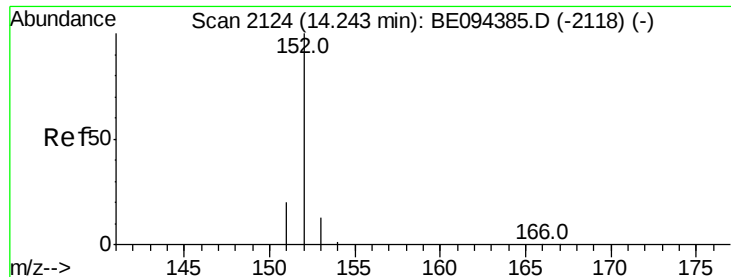
Instrument :
BNA_E
ClientSampleId :
C0AB4DL

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Quant Time: Oct 16 07:22:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094389.D

Acq: 15 Oct 2017 12:35

Instrument :

BNA_E

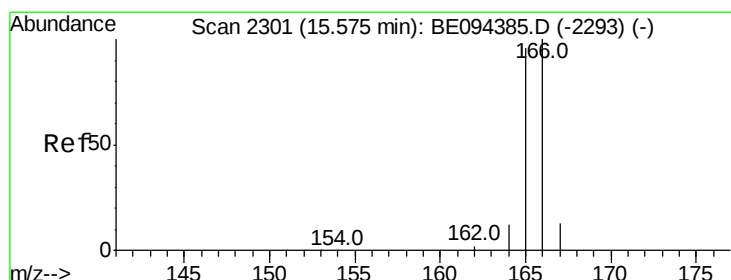
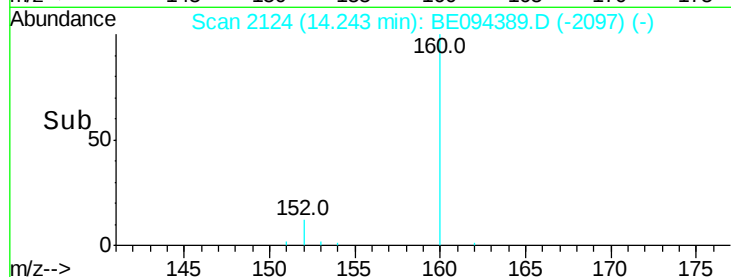
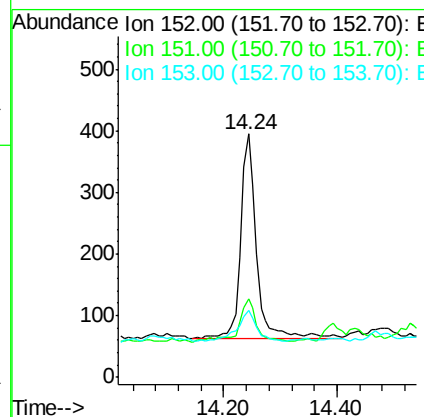
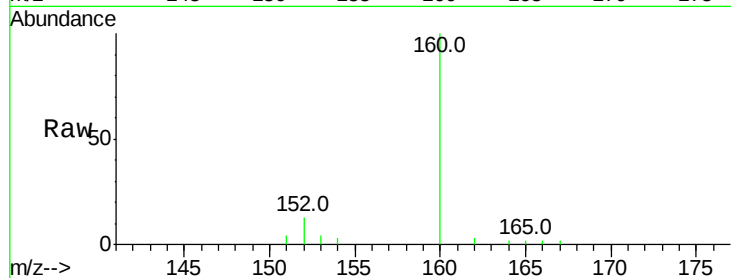
ClientSampled :

C0AB4DL

Tot Ion:	152	Resp:	662
Ion Ratio	Lower	Upper	
152	100		
151	32.2	17.1	25.7#
153	27.6	12.8	19.2#

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#9

Fluorene

Concen: 0.021 ng/ul

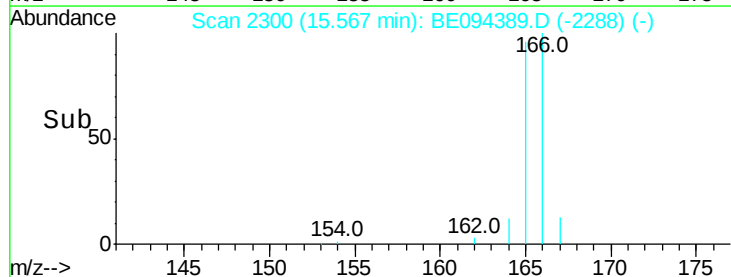
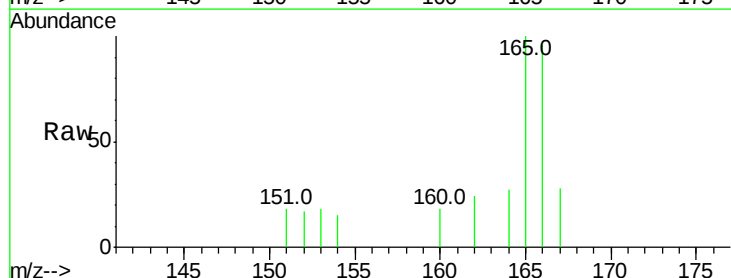
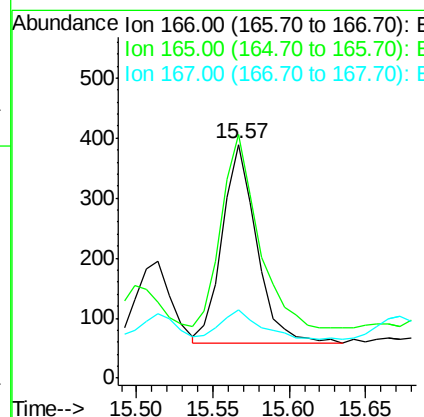
RT: 15.57 min Scan# 2300

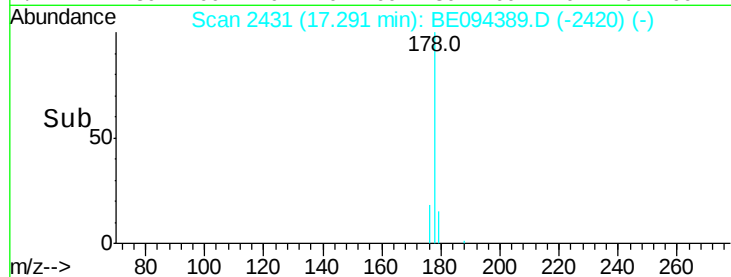
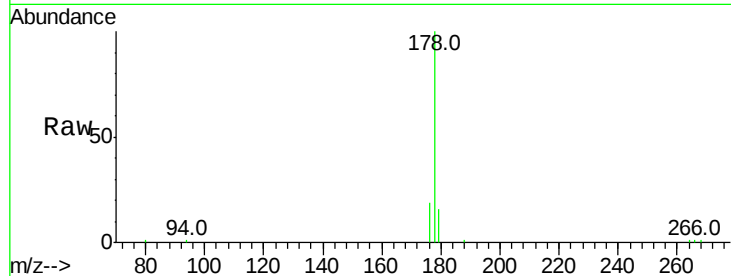
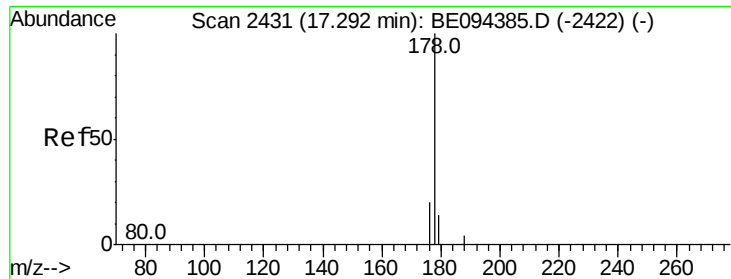
Delta R.T. -0.01 min

Lab File: BE094389.D

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Tgt Ion:	166	Resp:	515
Ion Ratio	Lower	Upper	
166	100		
165	104.1	73.4	110.2
167	29.0	14.6	22.0#





#12

Phenanthrene

Concen: 0.361 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094389.D

Acq: 15 Oct 2017 12:35

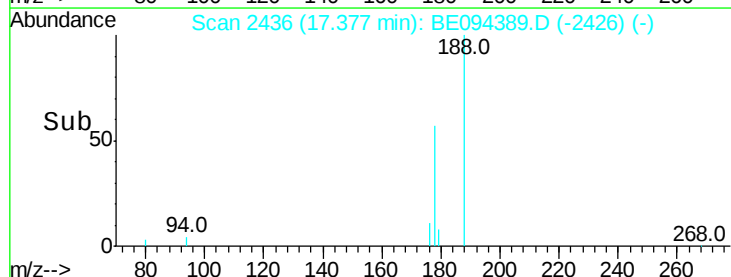
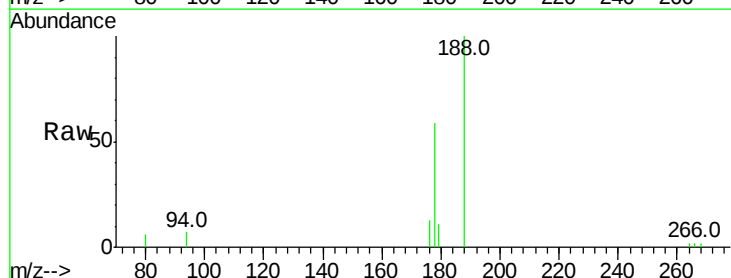
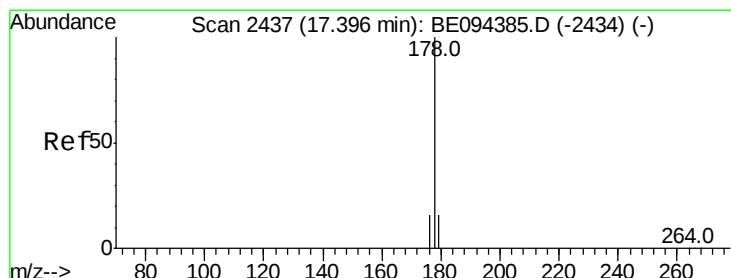
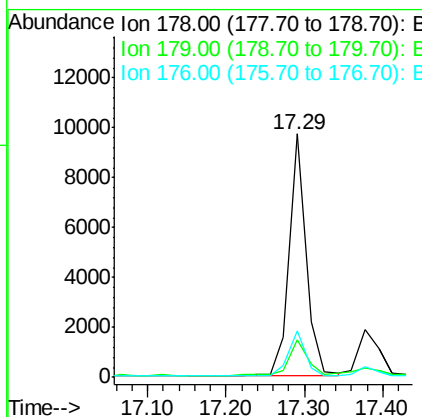
Tot Ion:178 Resp: 14104

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.0	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
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#13

Anthracene

Concen: 0.087 ng/ul

RT: 17.38 min Scan# 2436

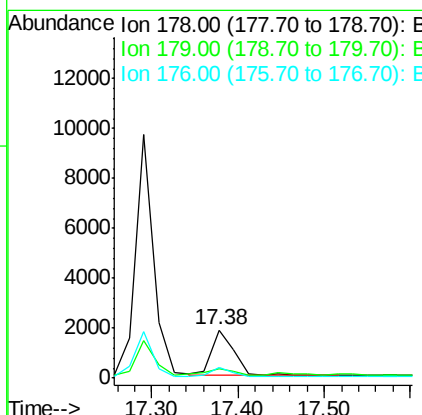
Delta R.T. -0.02 min

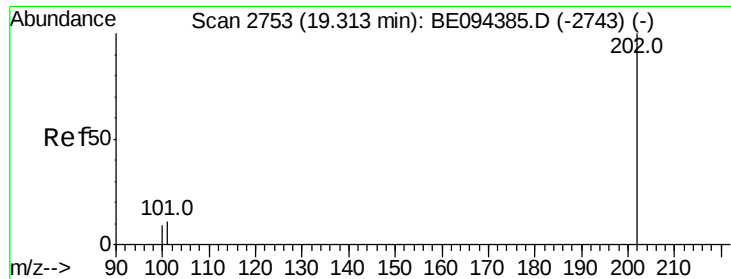
Lab File: BE094389.D

Acq: 15 Oct 2017 12:35

Tgt Ion:178 Resp: 3301

Ion	Ratio	Lower	Upper
178	100		
179	18.7	18.1	27.1
176	22.8	14.7	22.1#





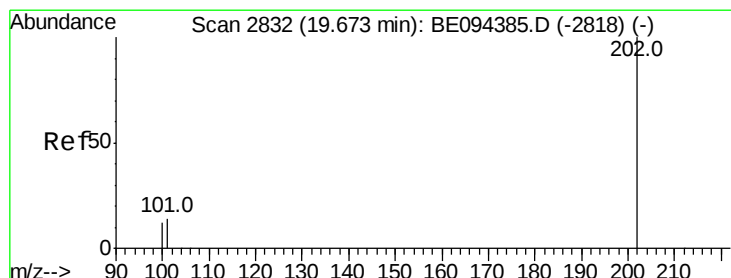
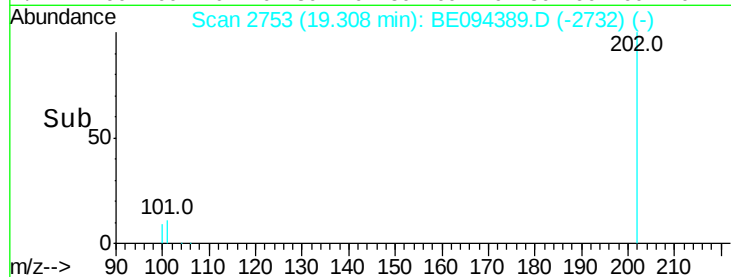
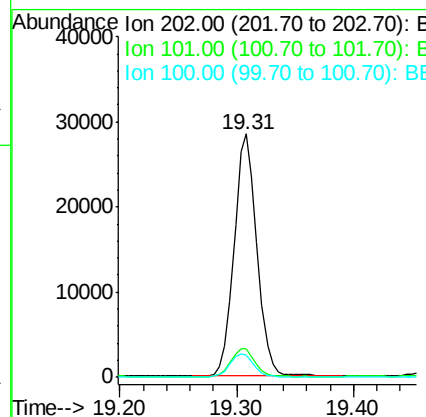
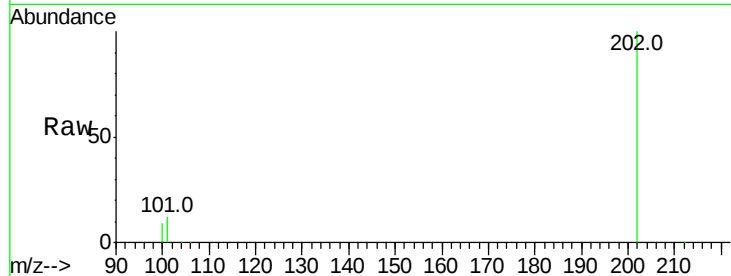
#15
Fluoranthene
Concen: 0.749 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Instrument :
BNA_E
ClientSampleId :
C0AB4DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.2	0.0	39.5

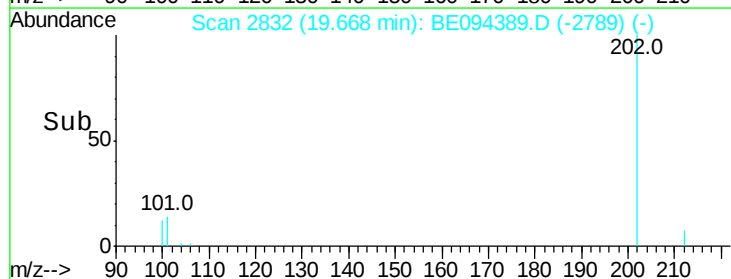
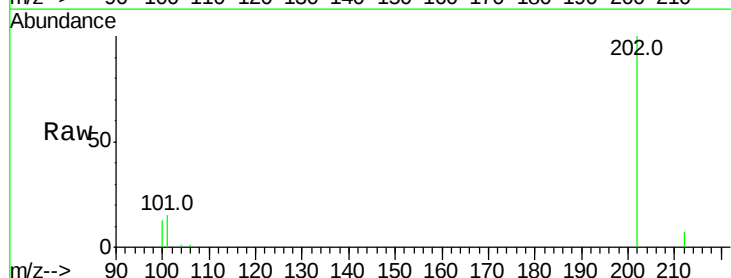
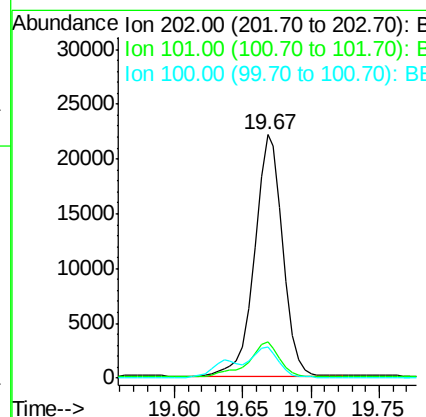
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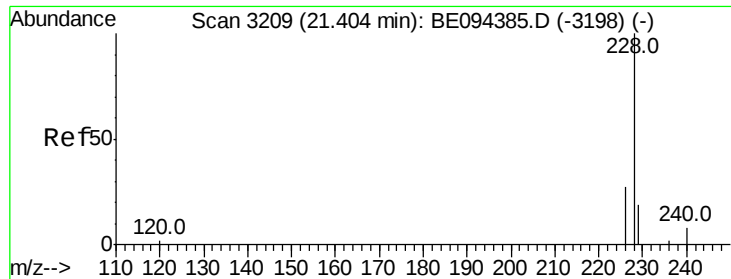
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#17
Pyrene
Concen: 0.762 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	18.2	27.4#
100	12.6	15.6	23.4#





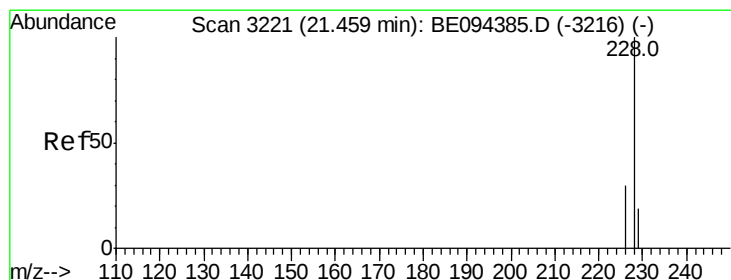
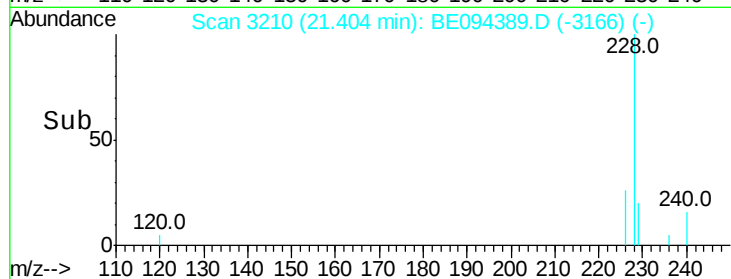
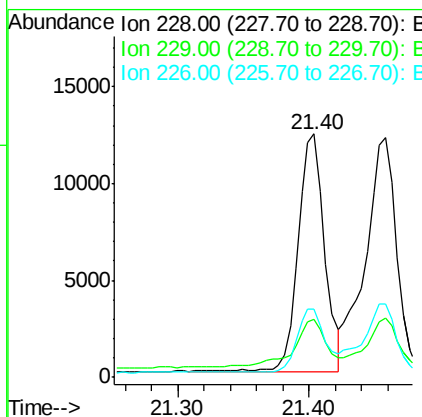
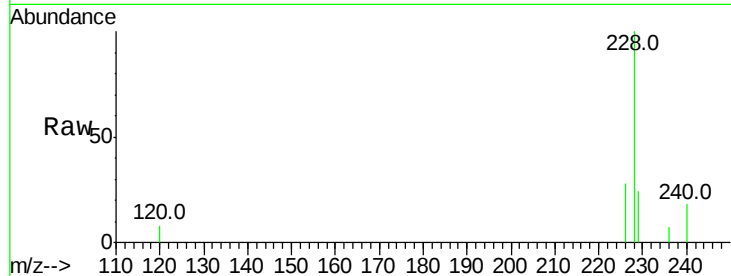
#18
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Instrument :
BNA_E
ClientSampleId :
C0AB4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	22.8	34.2
226	28.0	17.0	25.6

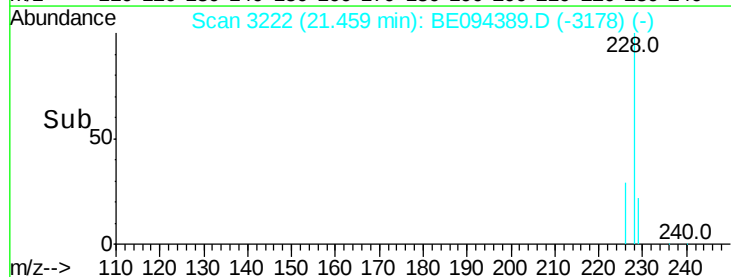
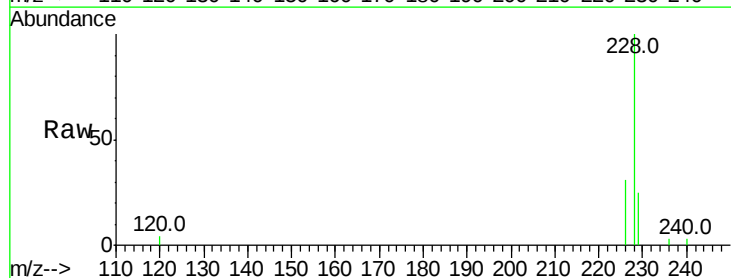
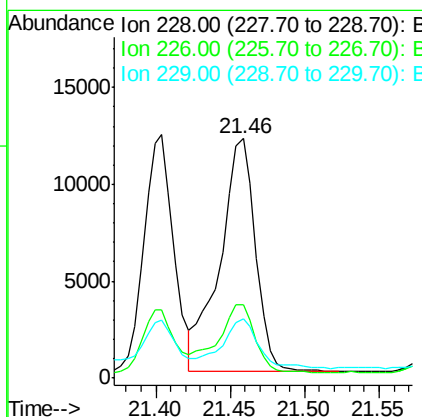
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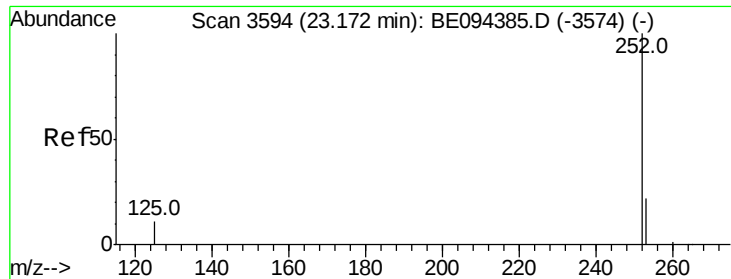
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#19
Chrysene
Concen: 0.436 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	24.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.656 ng/ul m

RT: 23.17 min Scan# 3594

Delta R.T. -0.00 min

Lab File: BE094389.D

Acq: 15 Oct 2017 12:35

Instrument :

BNA_E

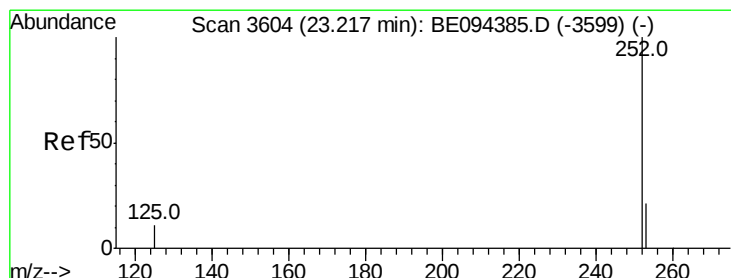
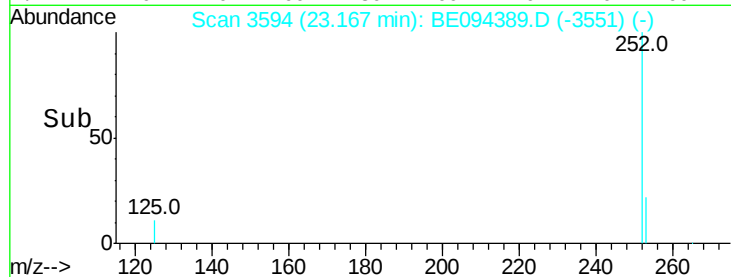
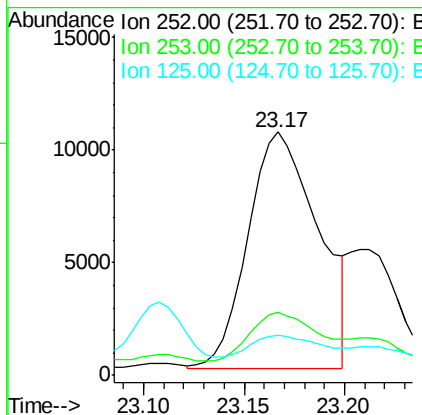
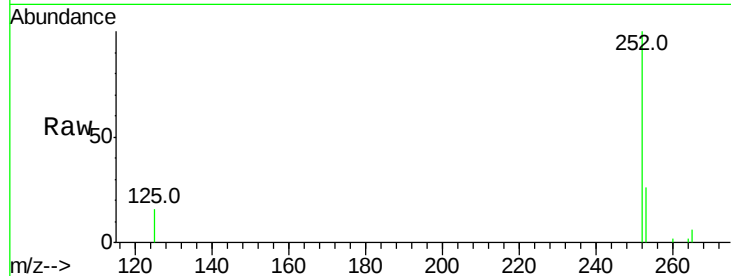
ClientSampleId :

C0AB4DL

Tot Ion:	252	Resp:	25575
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	64.2
125	16.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.201 ng/ul m

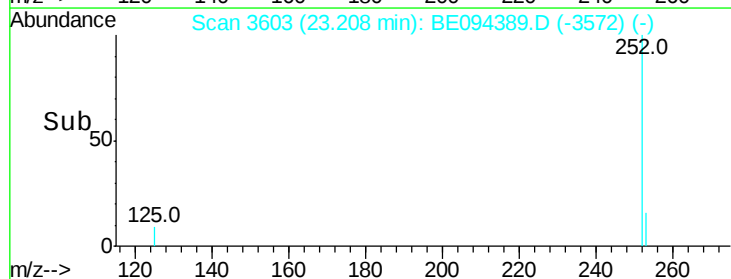
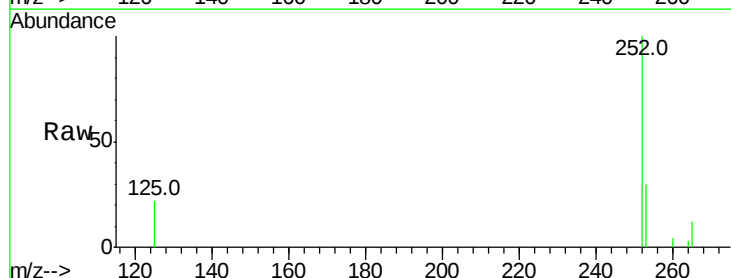
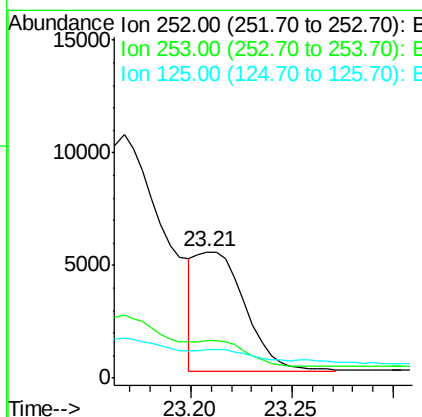
RT: 23.21 min Scan# 3603

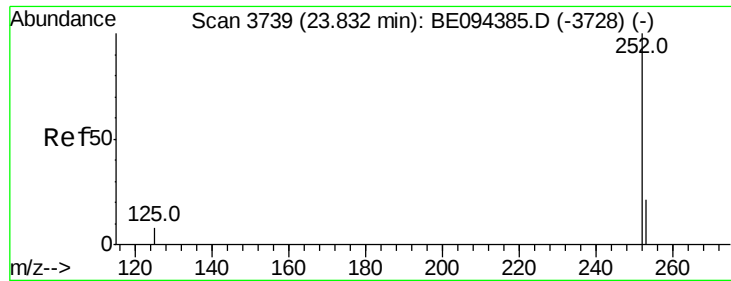
Delta R.T. -0.01 min

Lab File: BE094389.D

Acq: 15 Oct 2017 12:35

Tgt Ion:	252	Resp:	9048
Ion Ratio	Lower	Upper	
252	100		
253	29.9	24.5	36.7
125	22.2	13.7	20.5#





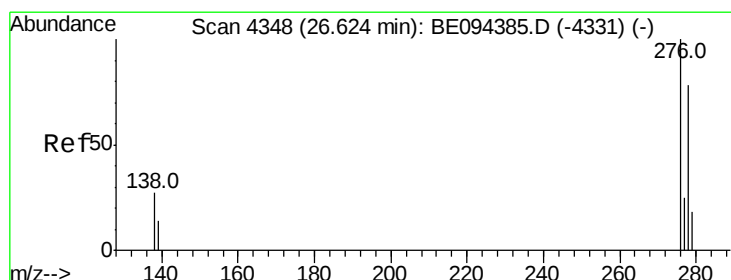
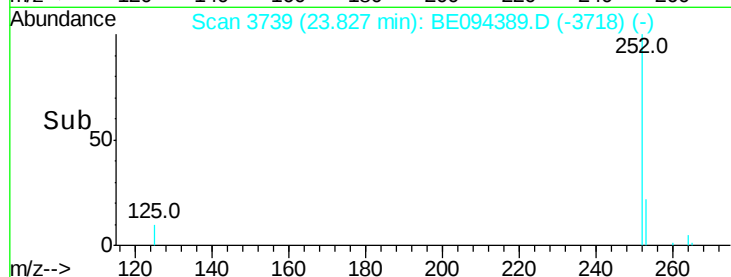
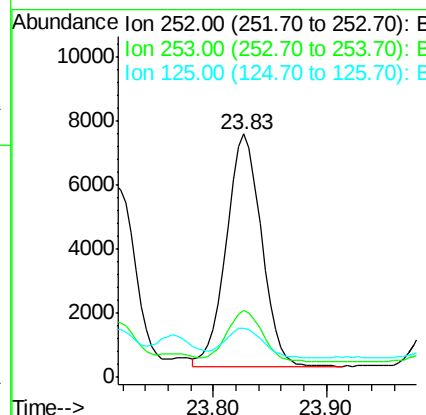
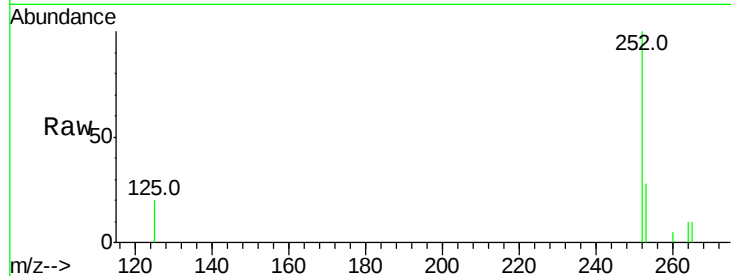
#23
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Instrument :
BNA_E
ClientSampleId :
C0AB4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	28.5	42.7#
125	20.4	18.1	27.1

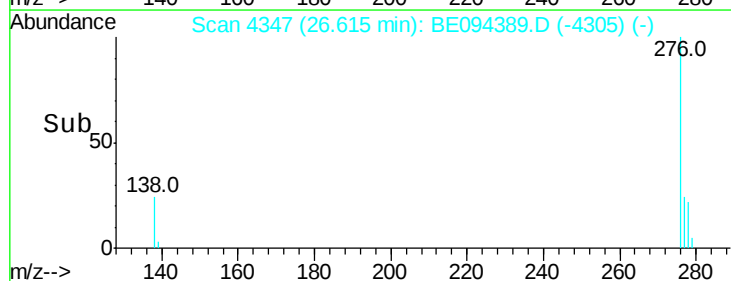
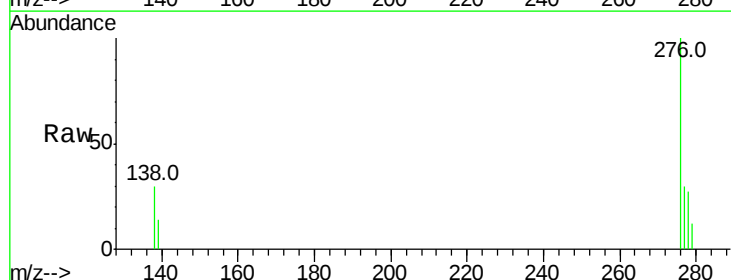
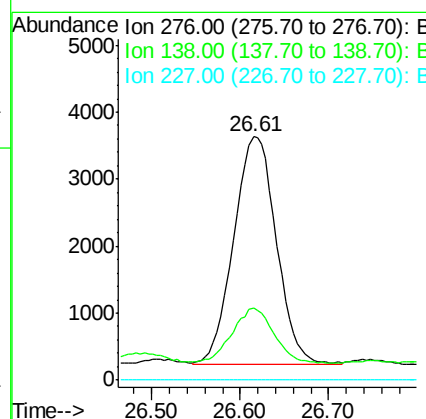
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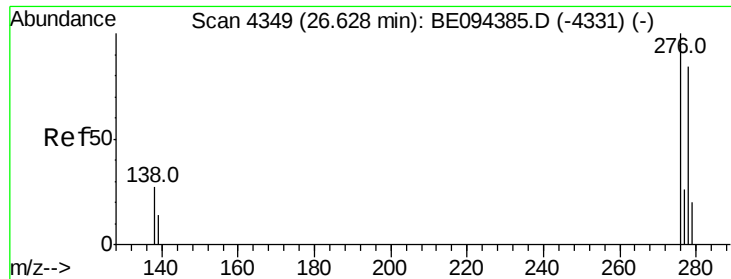
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 26.61 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#





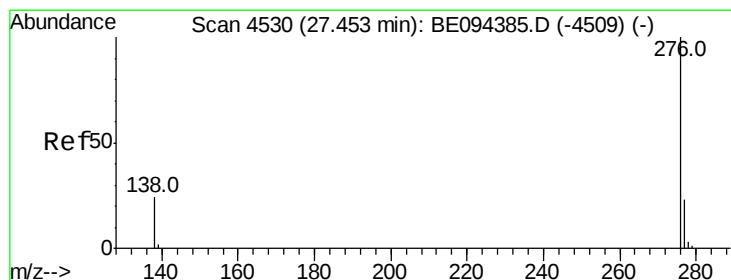
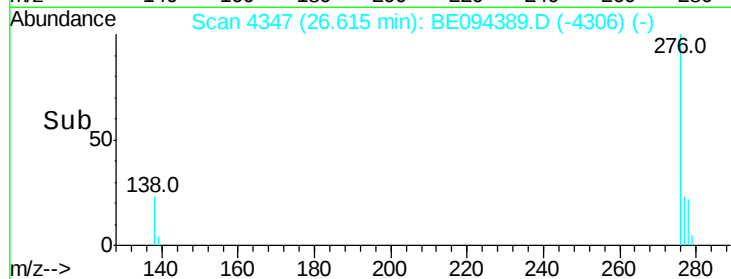
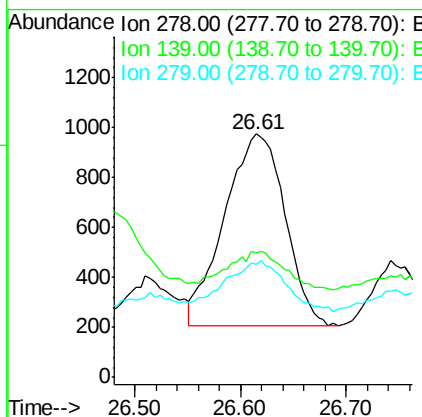
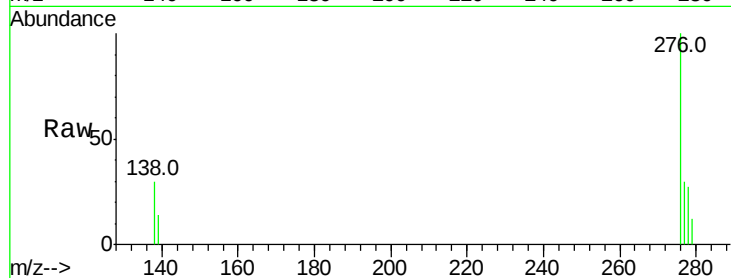
#25
Dibenzo(a,h)anthracene
Concen: 0.088 ng/u1
RT: 26.61 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Instrument :
BNA_E
ClientSampleId :
C0AB4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	51.4	17.4	26.0#
279	46.3	25.9	38.9#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.268 ng/u1
RT: 27.45 min Scan# 4530
Delta R.T. -0.00 min
Lab File: BE094389.D
Acq: 15 Oct 2017 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	21.8	32.8
277	31.6	20.5	30.7#

