

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094620.D
 Acq On : 28 Oct 2017 13:27
 Operator : SJ/JU
 Sample : I5842-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA4

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:00 PM

Quant Time: Oct 30 03:48:00 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	1401	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8212	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4670	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9944	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9534	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8996m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3192	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7694	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	533	0.027	ng/ul#	72
5) 2-Methylnaphthalene	12.35	142	482	0.034	ng/ul	97
12) Phenanthrene	17.29	178	9909	0.377	ng/ul#	91
13) Anthracene	17.38	178	1147	0.044	ng/ul#	83
15) Fluoranthene	19.31	202	23433	0.772	ng/ul	84
17) Pyrene	19.67	202	20983	0.712	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	9006	0.330	ng/ul#	89
19) Chrysene	21.46	228	11641	0.413	ng/ul	93
21) Benzo(b)fluoranthene	23.18	252	14694m	0.581	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	4587m	0.169	ng/ul	
23) Benzo(a)pyrene	23.85	252	8168m	0.323	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	6015m	0.230	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	1447m	0.066	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	4587m	0.218	ng/ul	

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

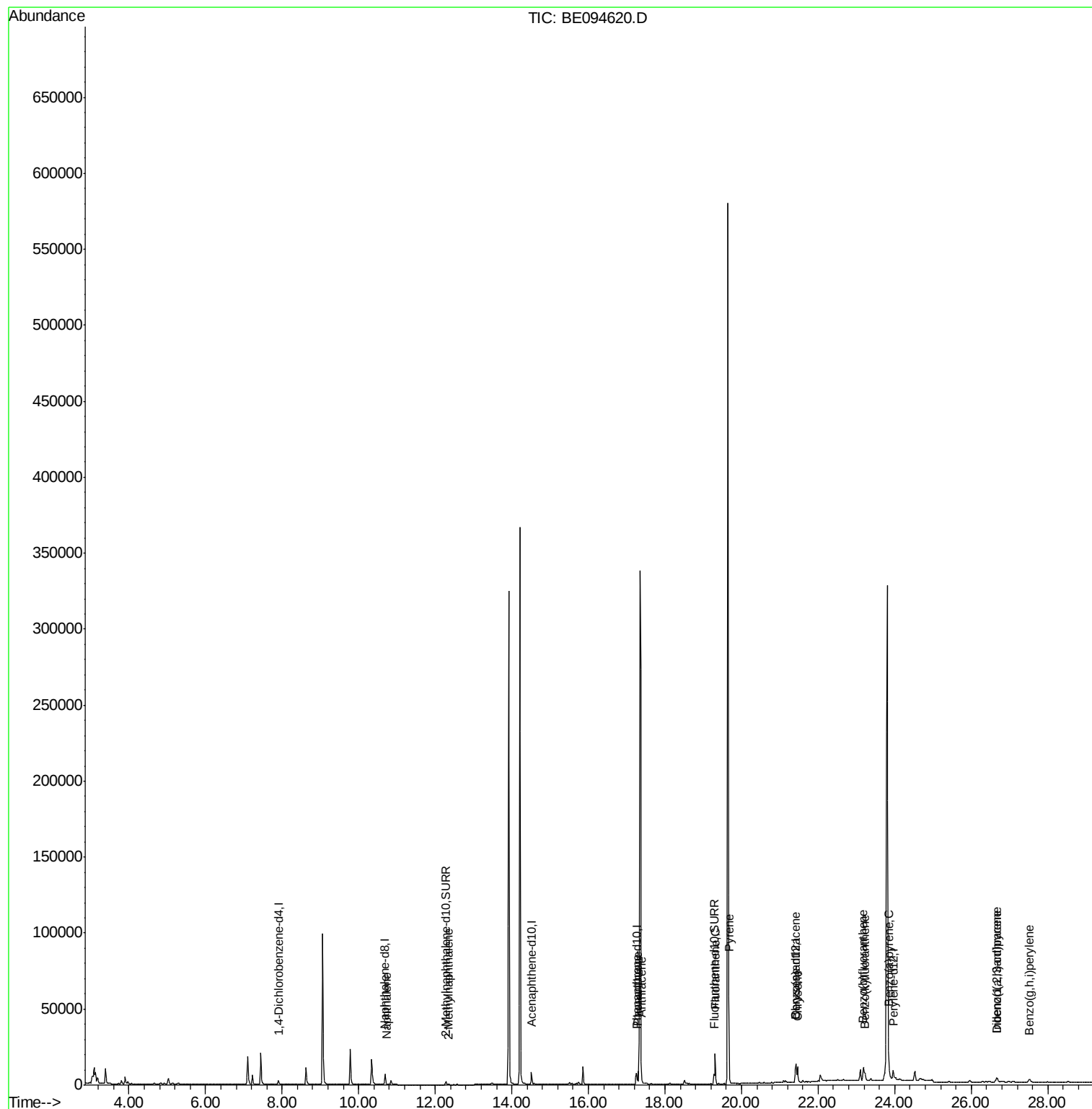
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094620.D
Acq On : 28 Oct 2017 13:27
Operator : SJ/JU
Sample : I5842-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

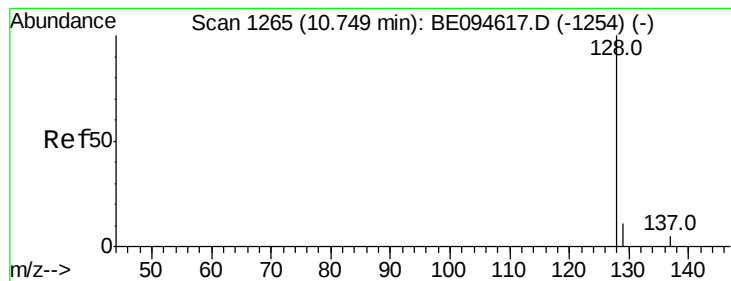
Instrument :
BNA_E
ClientSampleId :
C0AA4

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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





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

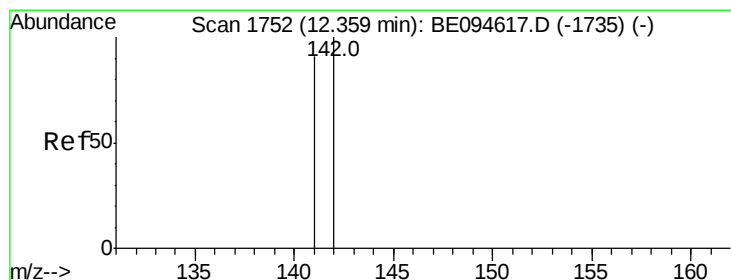
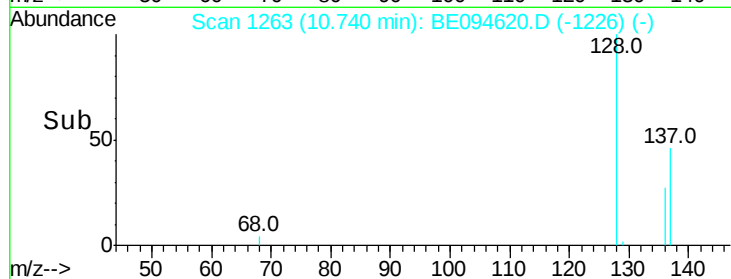
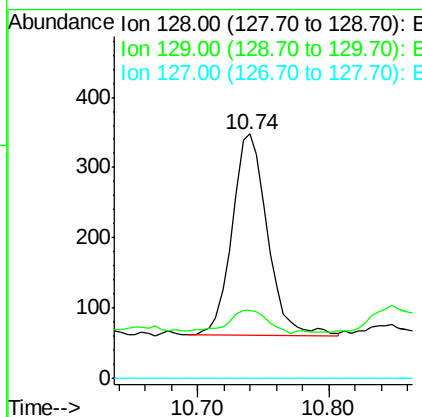
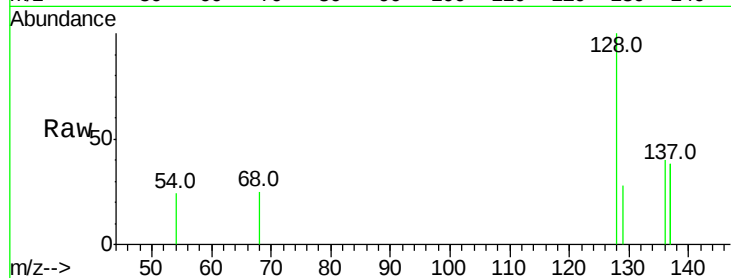
ClientSampled :

C0AA4

Tot Ion:	128	Resp:	533
Ion Ratio	Lower	Upper	
128	100		
129	27.6	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

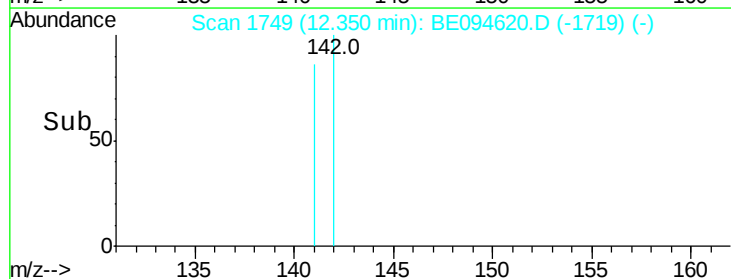
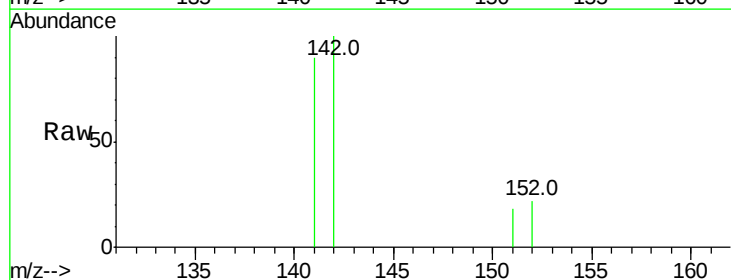
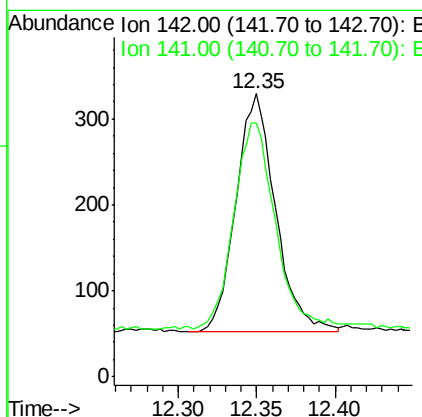
RT: 12.35 min Scan# 1749

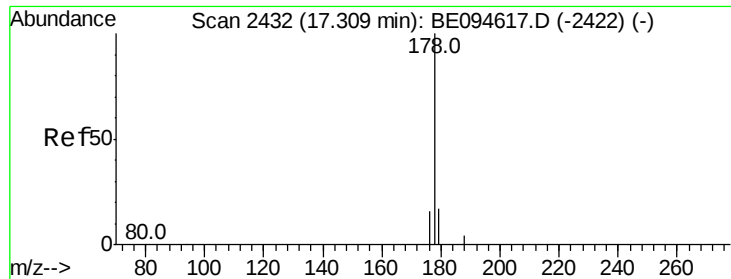
Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Tgt Ion:	142	Resp:	482
Ion Ratio	Lower	Upper	
142	100		
141	93.2	72.6	108.8





#12

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094620.D

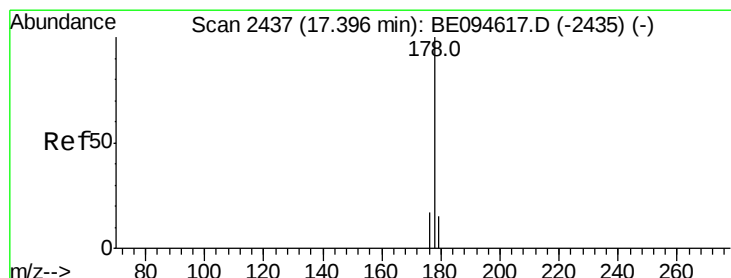
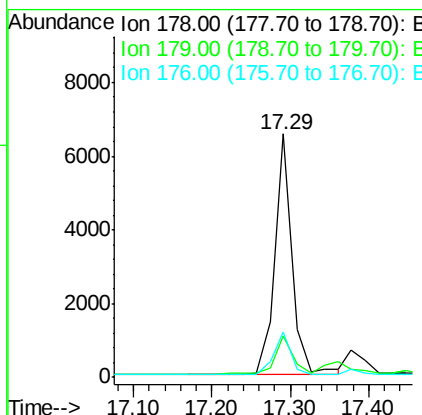
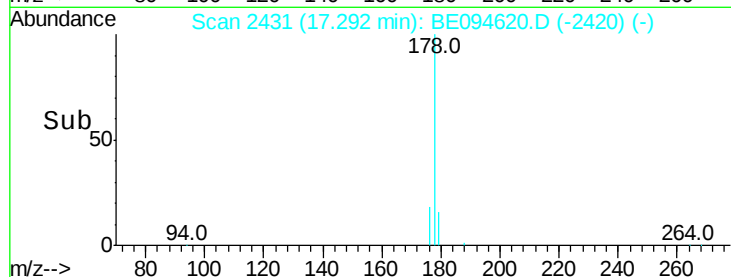
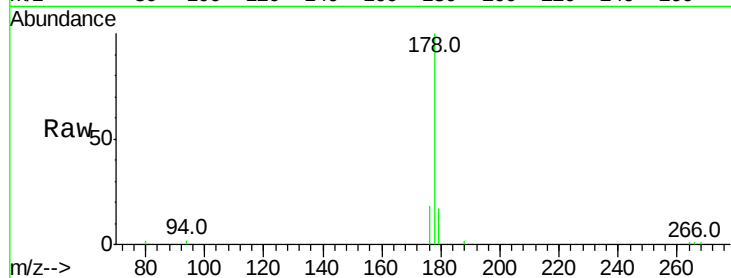
Acq: 28 Oct 2017 13:27

Instrument :
BNA_E
ClientSampled :
C0AA4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.4	27.6#
176	18.4	13.6	20.4

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#13

Anthracene

Concen: 0.044 ng/ul

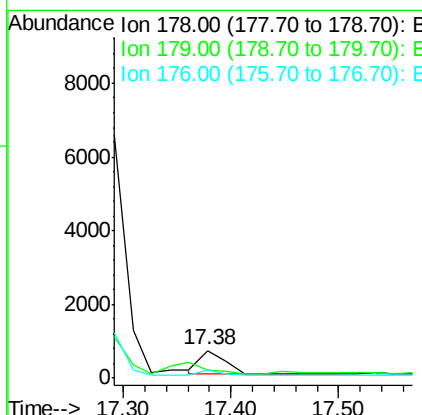
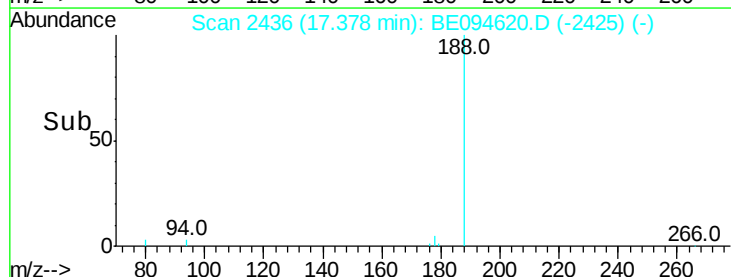
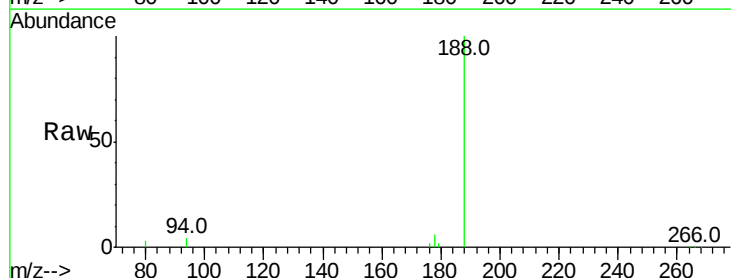
RT: 17.38 min Scan# 2436

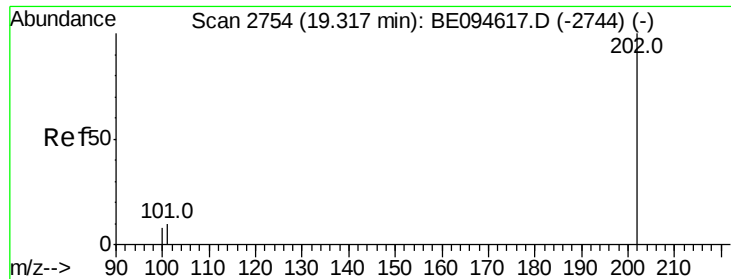
Delta R.T. -0.02 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.7	18.1	27.1#
176	27.2	14.7	22.1#





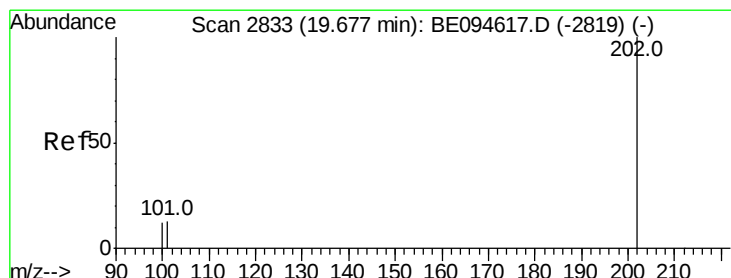
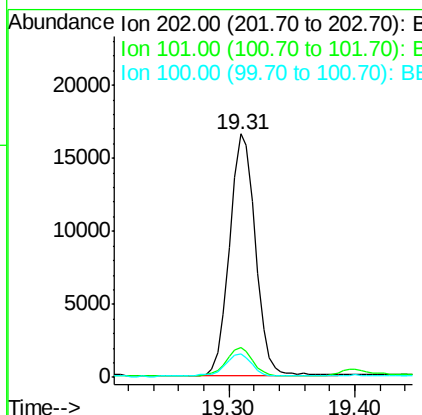
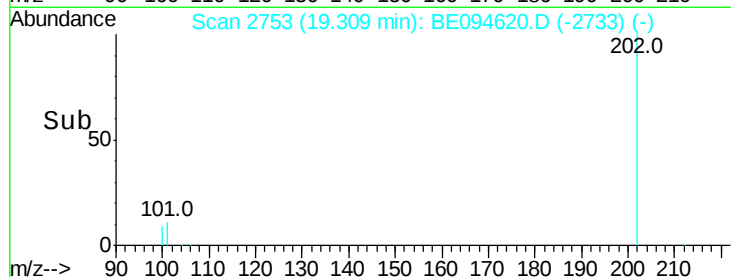
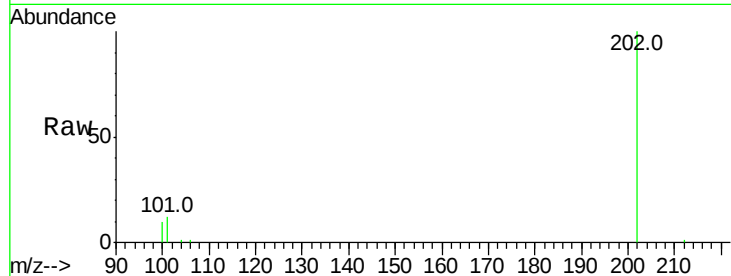
#15
Fluoranthene
 Concen: 0.772 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094620.D
 Acq: 28 Oct 2017 13:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.5	0.0	39.5

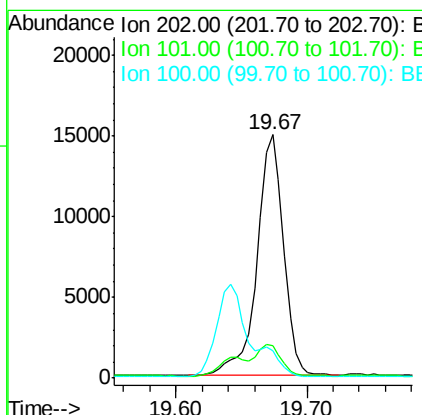
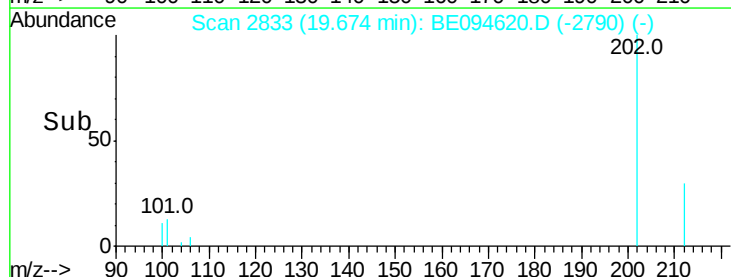
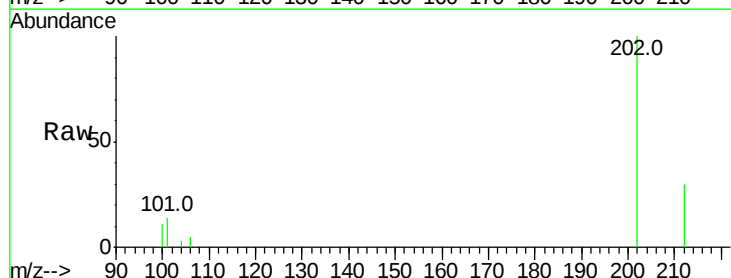
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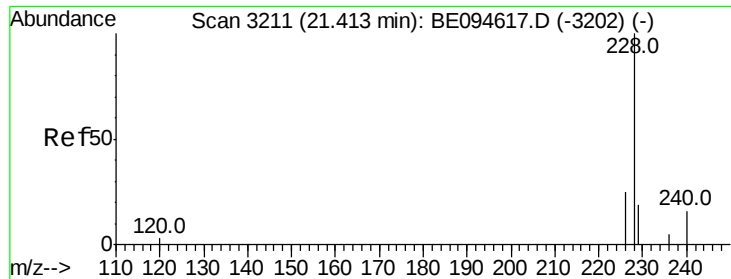
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#17
Pyrene
 Concen: 0.712 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094620.D
 Acq: 28 Oct 2017 13:27

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.3	15.6	23.4#





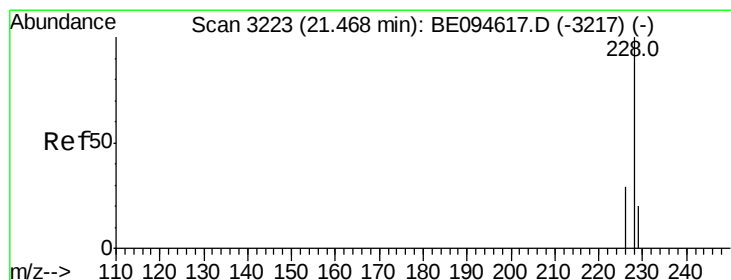
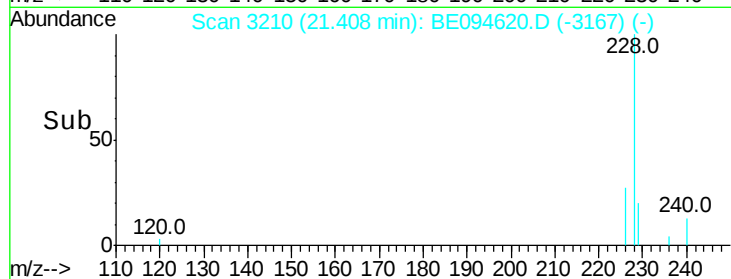
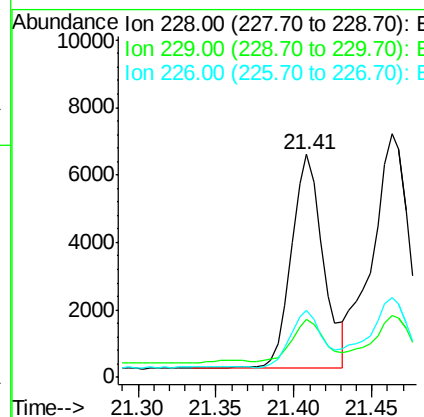
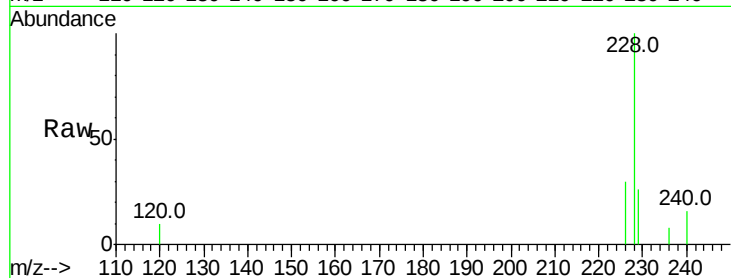
#18
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094620.D
Acq: 28 Oct 2017 13:27

Instrument :
BNA_E
ClientSampled :
C0AA4

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.0	22.8	34.2
226	30.0	17.0	25.6

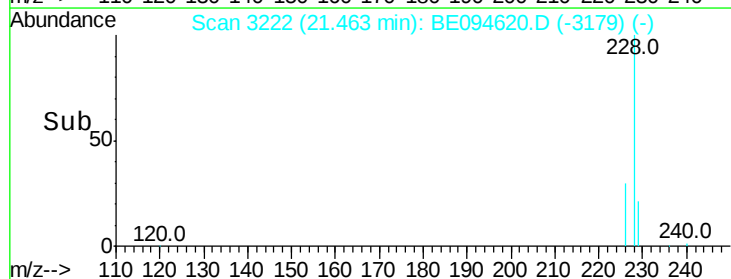
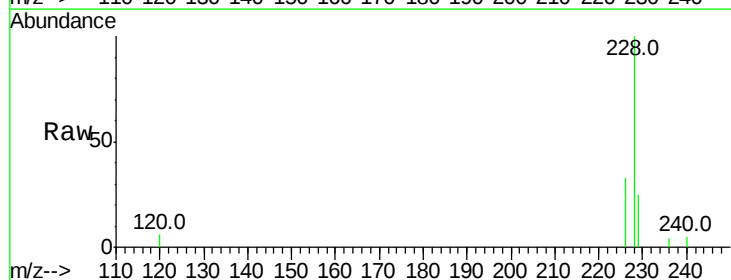
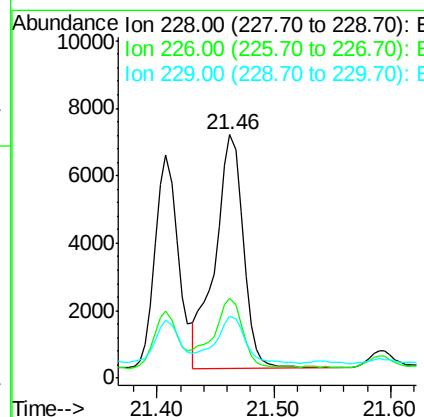
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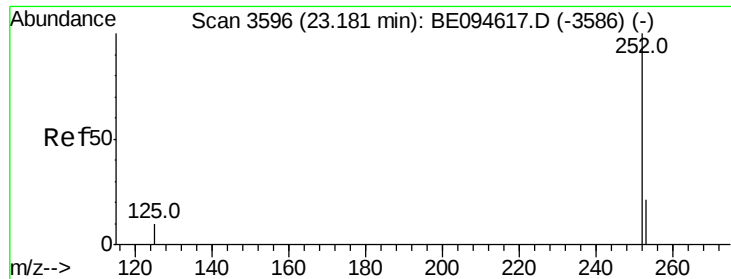
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#19
Chrysene
Concen: 0.413 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094620.D
Acq: 28 Oct 2017 13:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	25.3	17.7	26.5





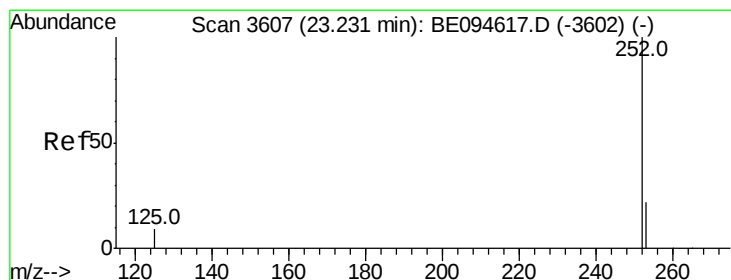
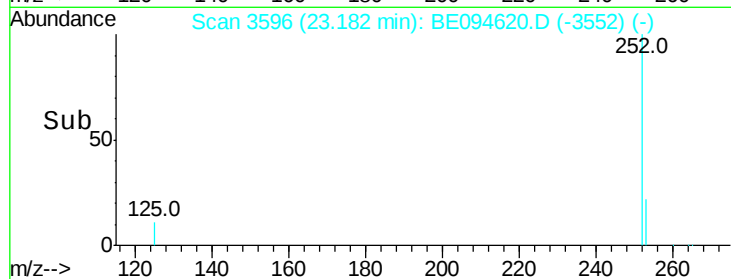
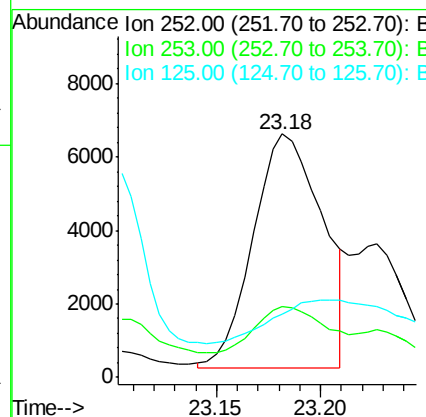
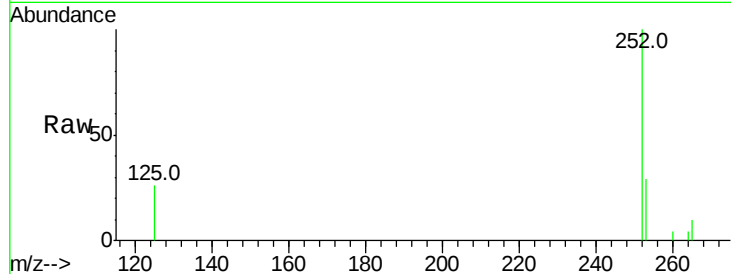
#21
Benzo(b)fluoranthene
Concen: 0.581 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BE094620.D
Acq: 28 Oct 2017 13:27

Instrument :
BNA_E
ClientSampleId :
C0AA4

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	64.2
125	26.0	0.0	35.0

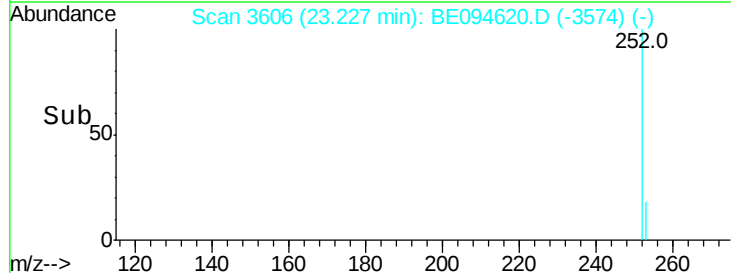
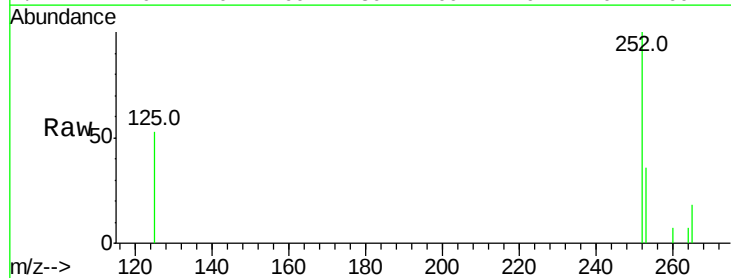
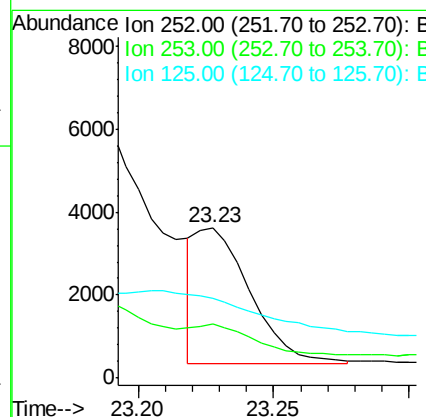
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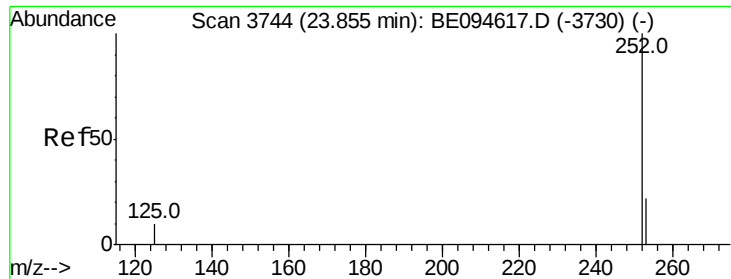
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#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 23.23 min Scan# 3606
Delta R.T. -0.00 min
Lab File: BE094620.D
Acq: 28 Oct 2017 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.1	24.5	36.7
125	52.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.323 ng/ul m

RT: 23.85 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Instrument :

BNA_E

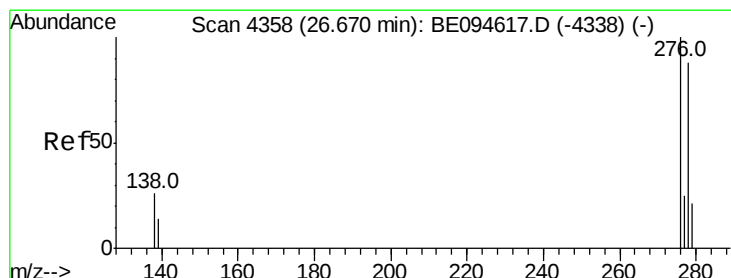
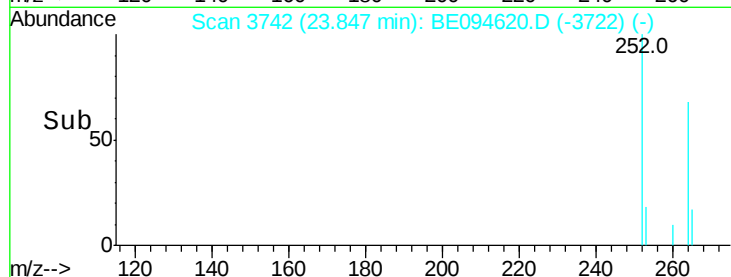
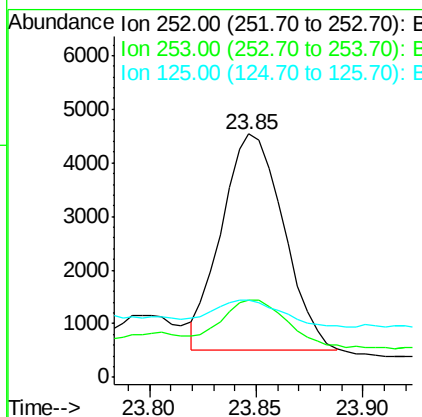
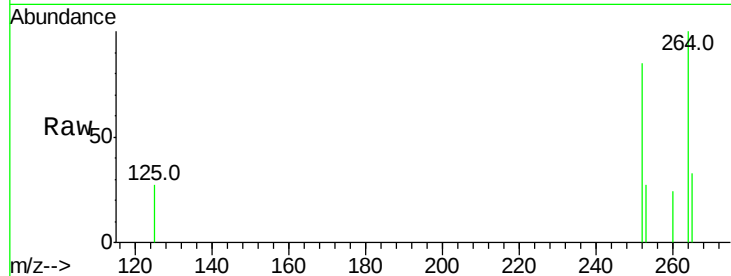
ClientSampleId :

C0AA4

Tot Ion:	252	Resp:	8168
Ion Ratio	Lower	Upper	
252	100		
253	31.9	28.5	42.7
125	31.6	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.230 ng/ul m

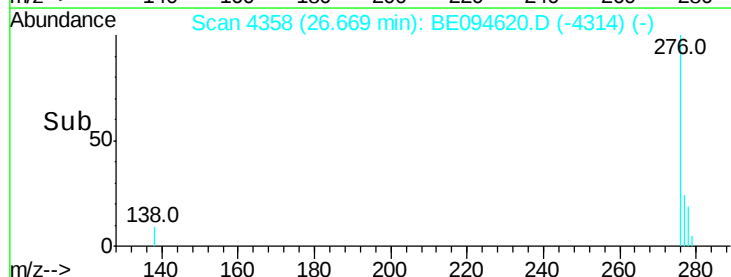
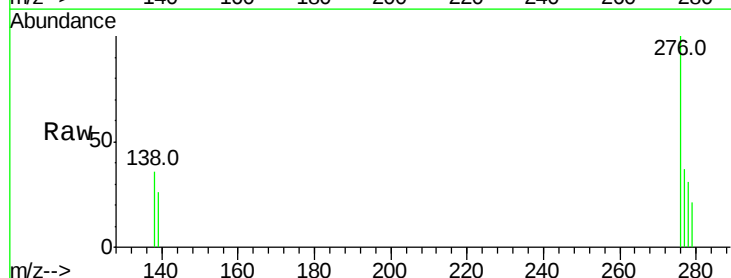
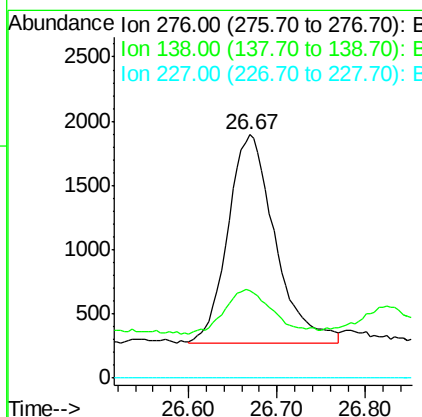
RT: 26.67 min Scan# 4358

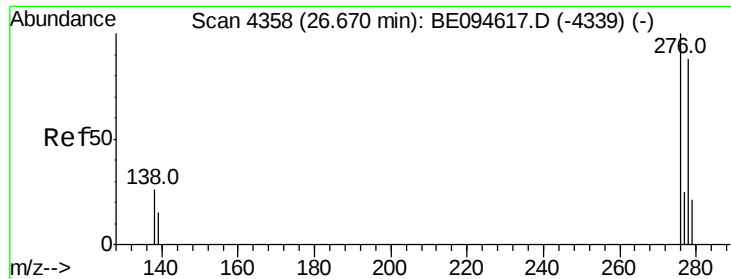
Delta R.T. -0.00 min

Lab File: BE094620.D

Acq: 28 Oct 2017 13:27

Tgt Ion:	276	Resp:	6015
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#





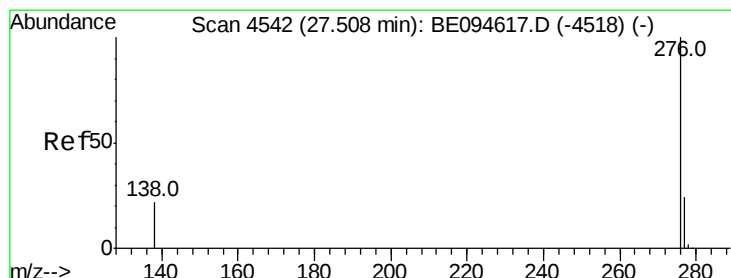
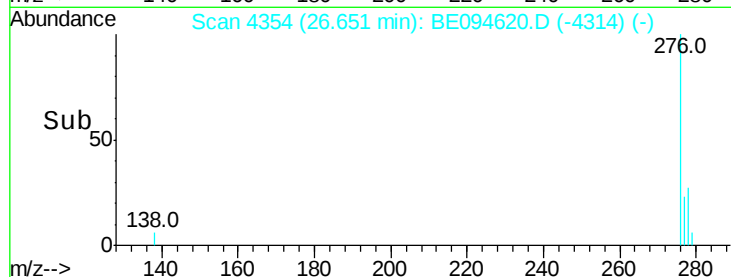
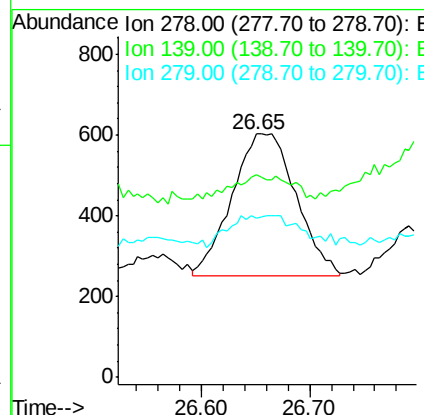
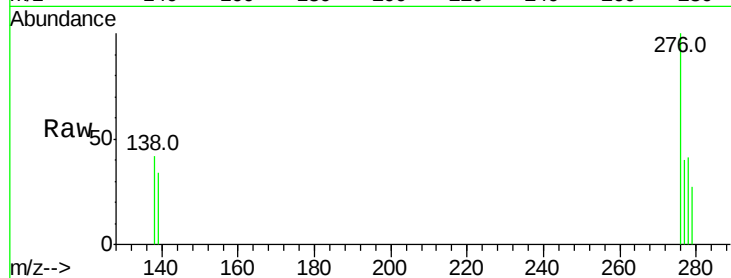
#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul m
RT: 26.65 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BE094620.D
Acq: 28 Oct 2017 13:27

Instrument :
BNA_E
ClientSampleId :
C0AA4

Tot Ion	Ratio	Lower	Upper
278	100		
139	83.3	17.4	26.0#
279	65.3	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.218 ng/ul m
RT: 27.52 min Scan# 4545
Delta R.T. 0.01 min
Lab File: BE094620.D
Acq: 28 Oct 2017 13:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.9	21.8	32.8#
277	41.1	20.5	30.7#

