

Data Path : Z:\HPCHEM1\BNA_E\Data\BE101817\
 Data File : BE094438.D
 Acq On : 18 Oct 2017 10:11
 Operator : SJ/JU
 Sample : I5548-09DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2DL

Manual Integrations
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Quant Time: Oct 18 18:01:12 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 17:53:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1234	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6505	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4024	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9328	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9842	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9630	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	226	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	652	0.02	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.24	152	764	0.049	ng/ul#	82
9) Fluorene	15.58	166	461	0.030	ng/ul#	89
12) Phenanthrene	17.29	178	13605m	0.558	ng/ul	
13) Anthracene	17.39	178	2985	0.126	ng/ul	98
15) Fluoranthene	19.31	202	31515	0.984	ng/ul	84
17) Pyrene	19.67	202	27715	1.012	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	15560	0.596	ng/ul#	87
19) Chrysene	21.46	228	14211	0.471	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	17728m	0.678	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	6530m	0.216	ng/ul	
23) Benzo(a)pyrene	23.83	252	11850	0.436	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.63	276	7787	0.280	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.62	278	2039	0.087	ng/ul#	67
26) Benzo(g,h,i)perylene	27.47	276	5759	0.240	ng/ul#	89

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

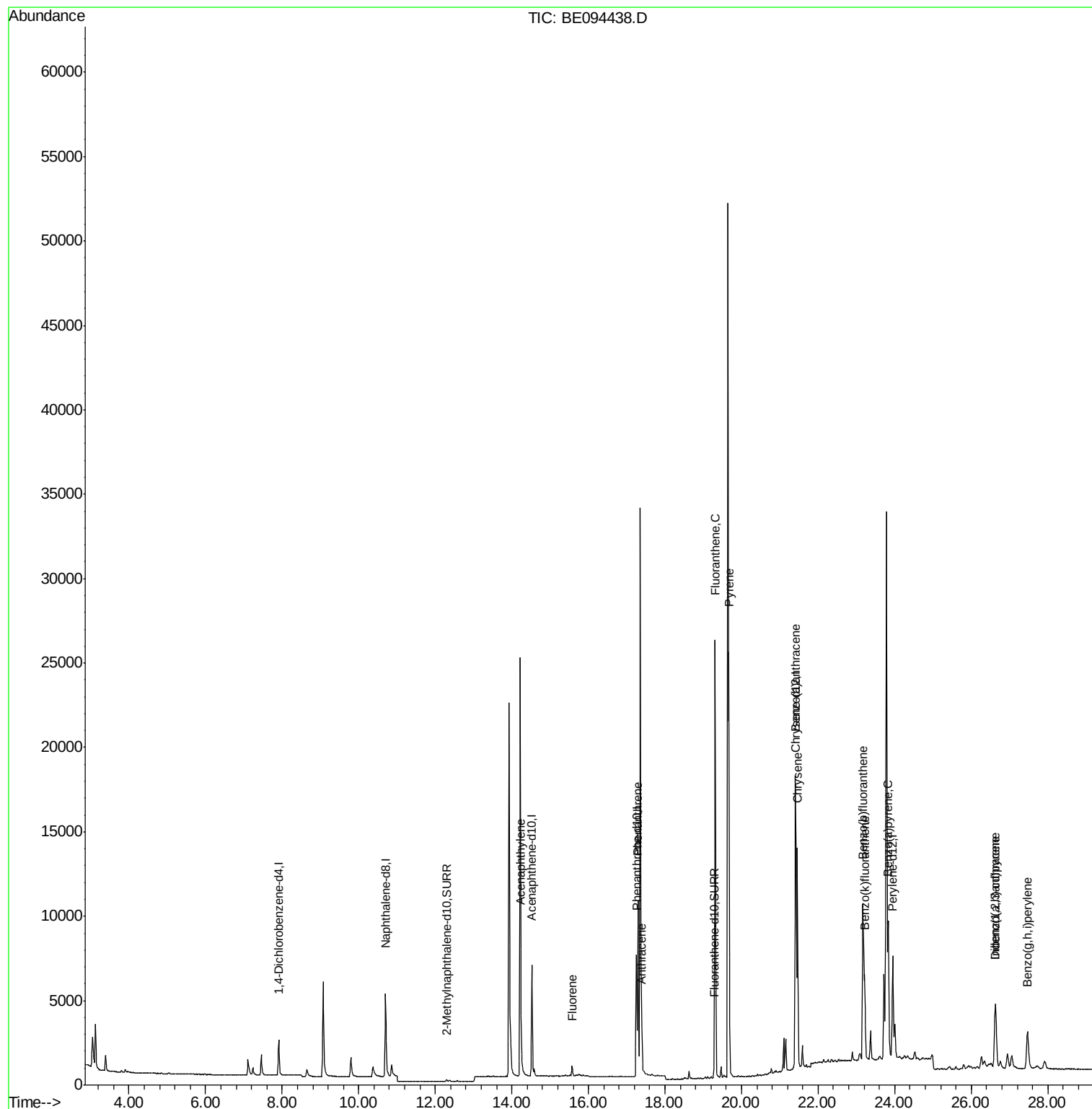
Data Path : Z:\HPCHEM1\BNA_E\Data\BE101817\
Data File : BE094438.D
Acq On : 18 Oct 2017 10:11
Operator : SJ/JU
Sample : I5548-09DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

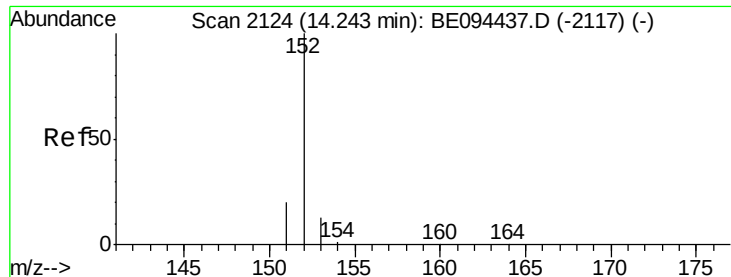
Instrument :
BNA_E
ClientSampled :
C0AC2DL

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Quant Time: Oct 18 18:01:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 17:53:25 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094438.D

Acq: 18 Oct 2017 10:11

Instrument :

BNA_E

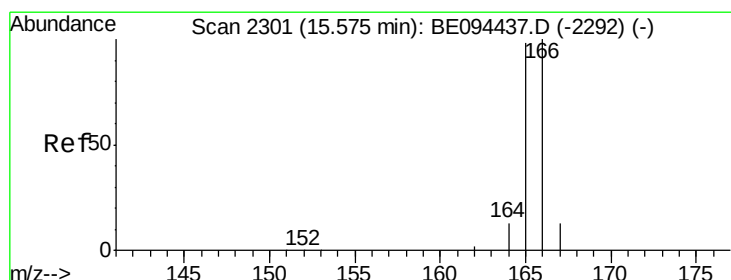
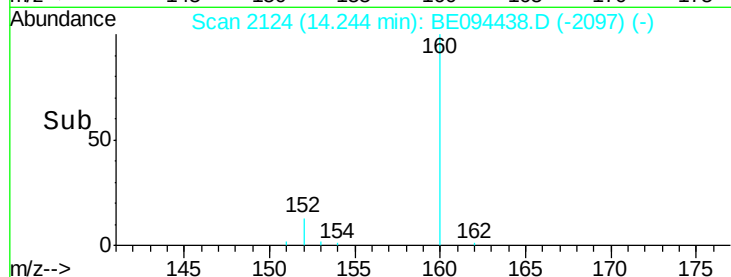
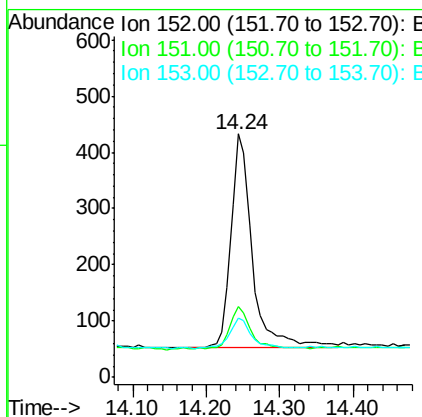
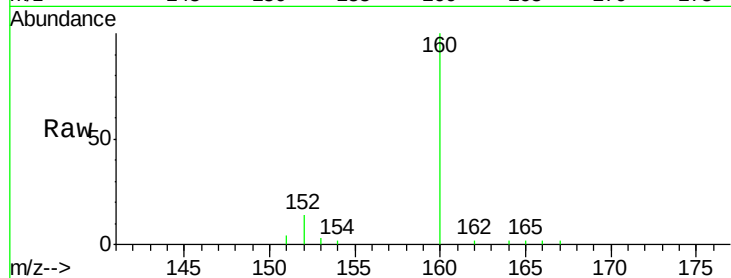
ClientSampleId :

C0AC2DL

Tgt Ion:	152	Resp:	764
Ion Ratio	Lower	Upper	
152	100		
151	29.1	17.1	25.7#
153	24.5	12.8	19.2#

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#9

Fluorene

Concen: 0.030 ng/ul

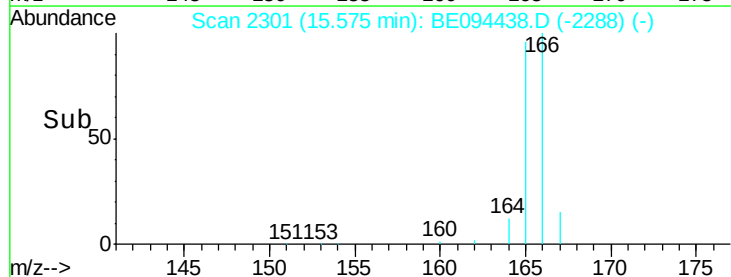
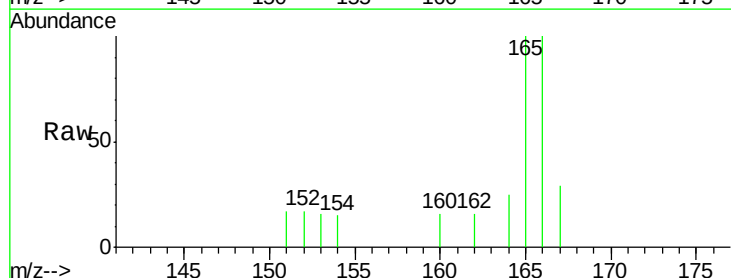
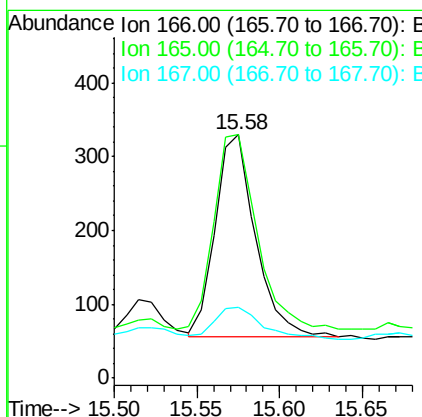
RT: 15.58 min Scan# 2301

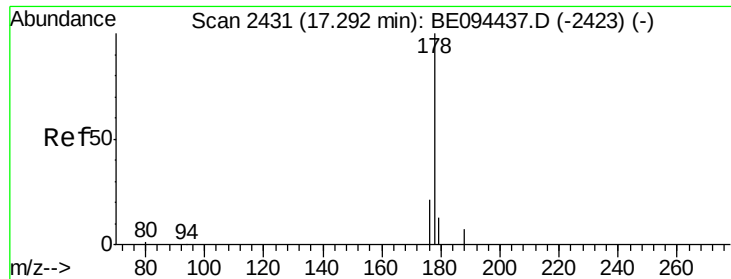
Delta R.T. 0.00 min

Lab File: BE094438.D

Acq: 18 Oct 2017 10:11

Tgt Ion:	166	Resp:	461
Ion Ratio	Lower	Upper	
166	100		
165	100.0	73.4	110.2
167	29.1	14.6	22.0#





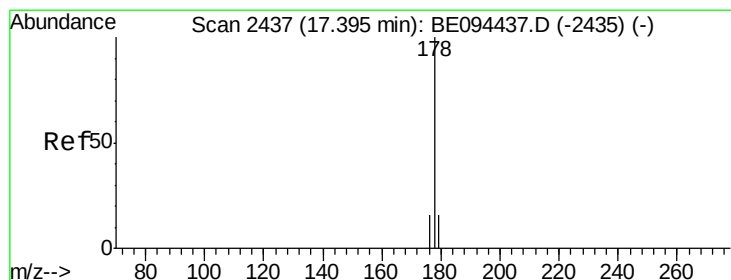
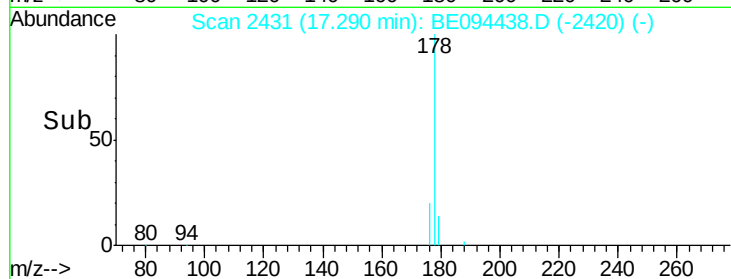
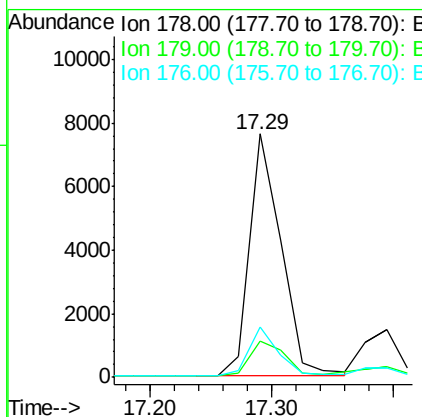
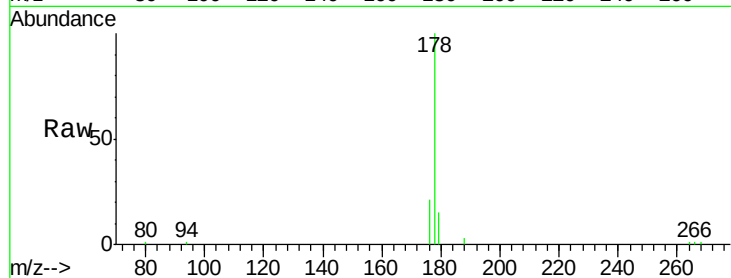
#12
Phenanthrene
Concen: 0.558 ng/ul m
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	20.9	13.6	20.4#

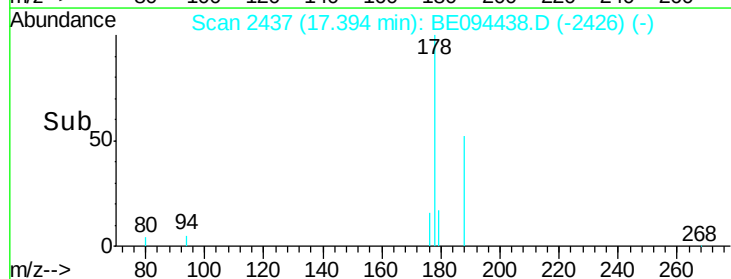
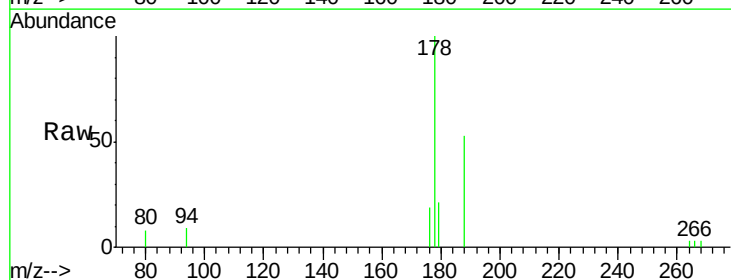
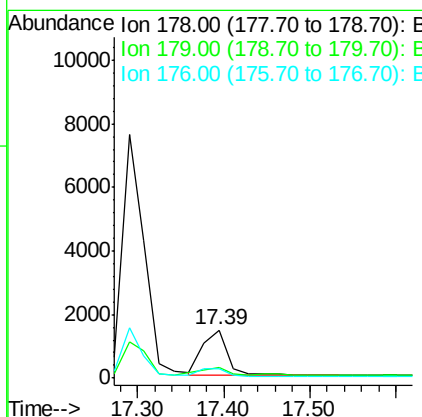
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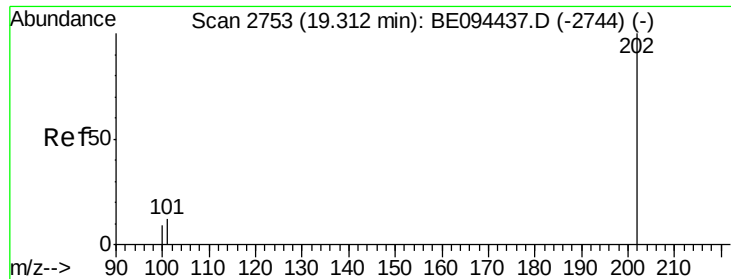
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#13
Anthracene
Concen: 0.126 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.1	18.1	27.1
176	19.2	14.7	22.1





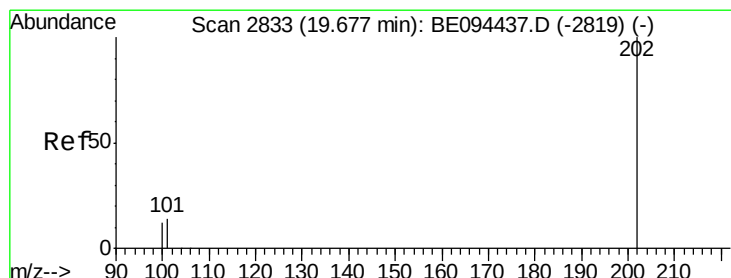
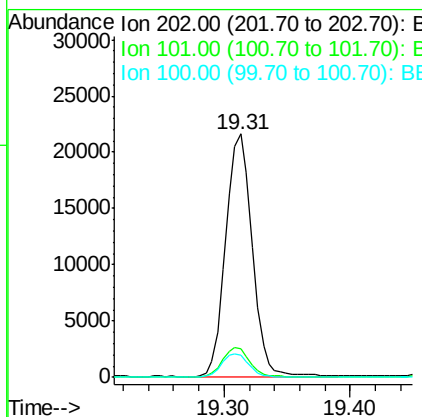
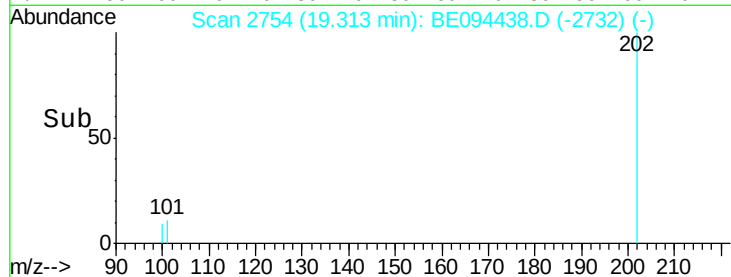
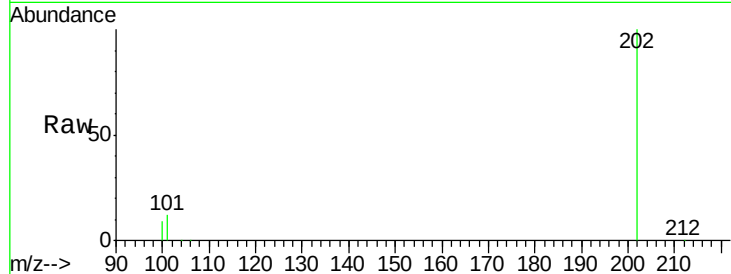
#15
Fluoranthene
 Concen: 0.984 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BE094438.D
 Acq: 18 Oct 2017 10:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AC2DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	0.0	30.3
100	9.2	0.0	39.5

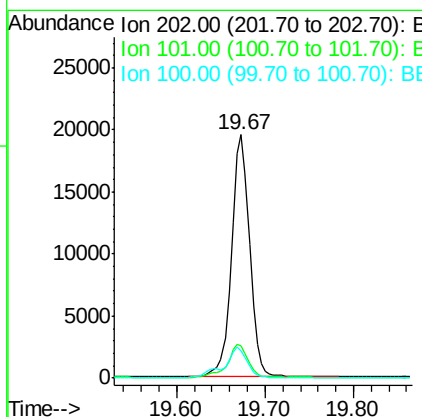
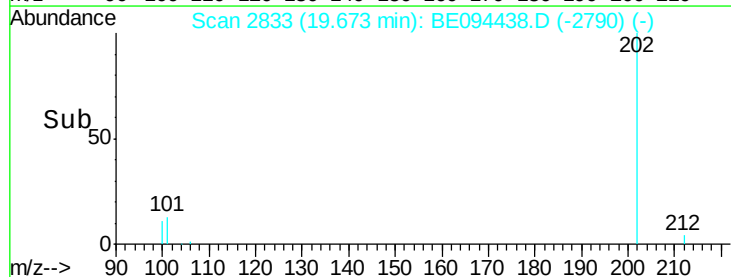
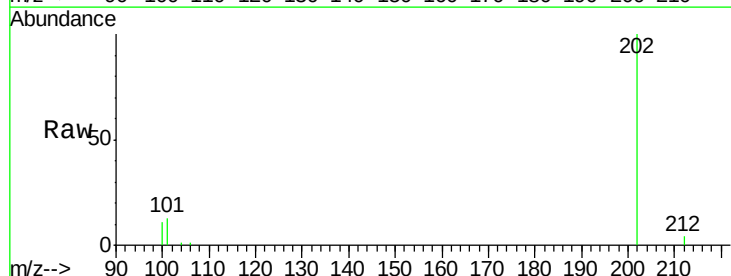
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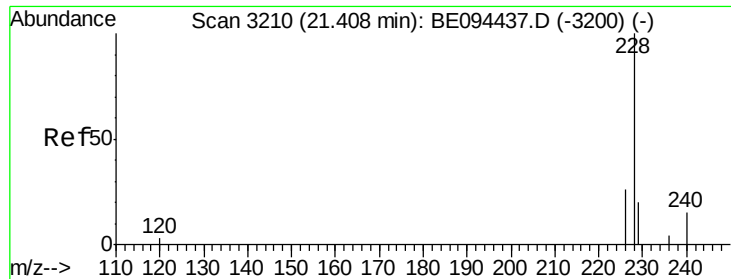
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#17
Pyrene
 Concen: 1.012 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094438.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	18.2	27.4#
100	11.3	15.6	23.4#





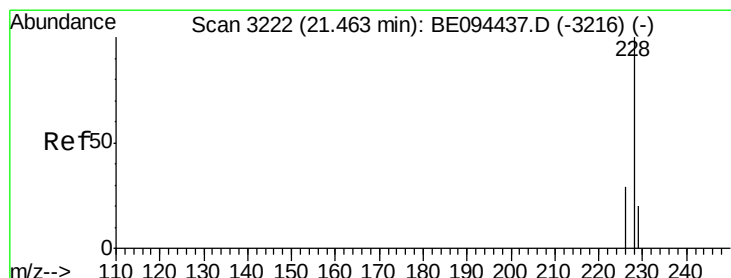
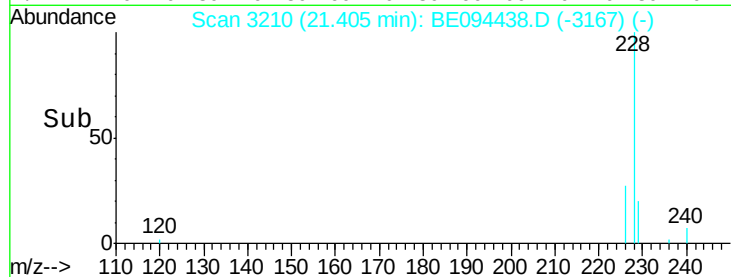
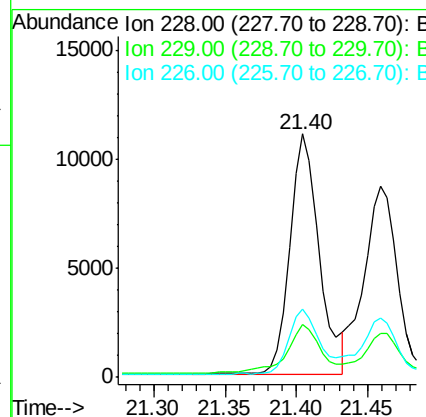
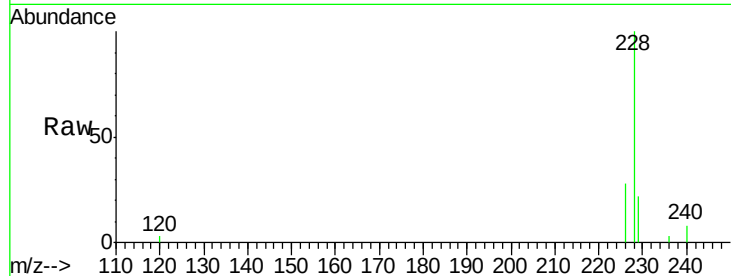
#18
Benzo(a)anthracene
Concen: 0.596 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	15560		
229	21.6	22.8	34.2#	
226	27.9	17.0	25.6#	

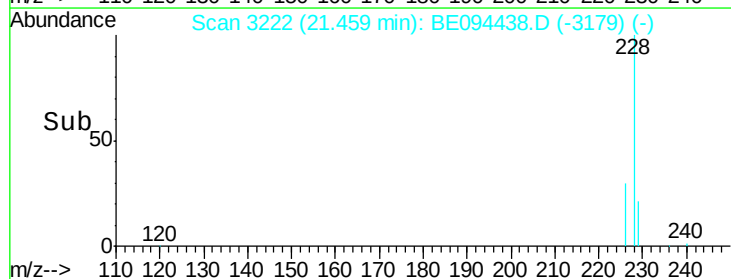
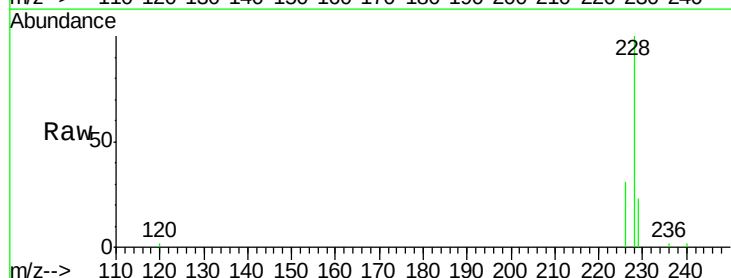
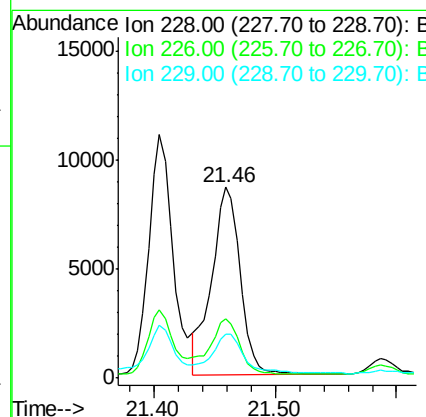
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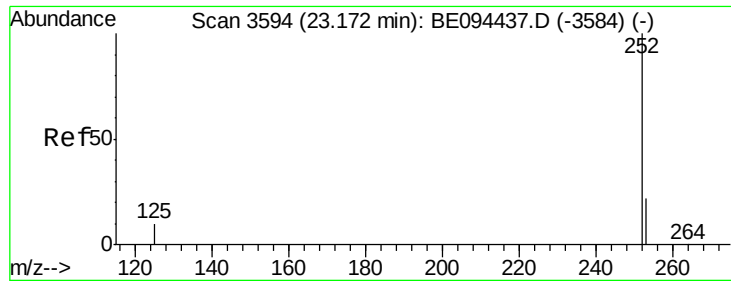
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#19
Chrysene
Concen: 0.471 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	14211		
226	31.2	23.4	35.0	
229	23.1	17.7	26.5	





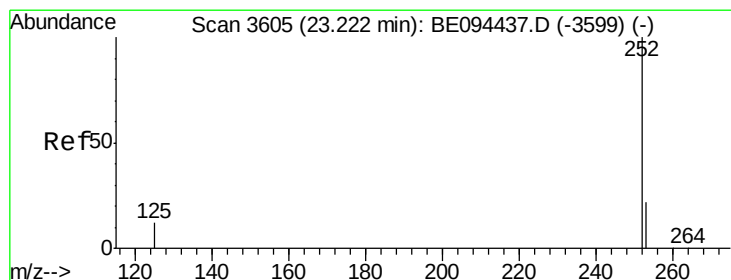
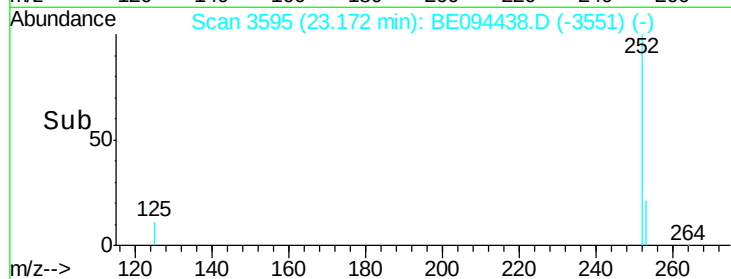
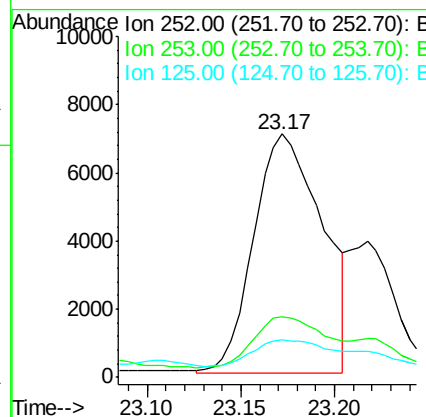
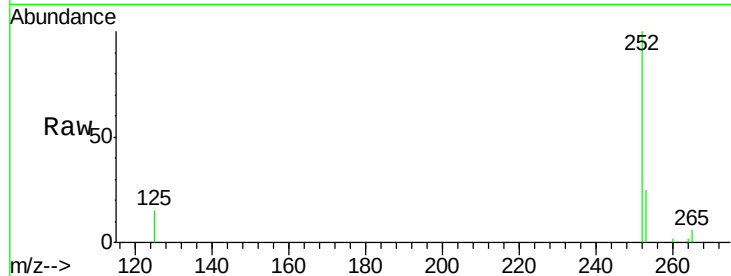
#21
Benzo(b)fluoranthene
Concen: 0.678 ng/ul m
RT: 23.17 min Scan# 3595
Delta R.T. 0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	17728		
253	24.8	0.0	64.2	
125	15.5	0.0	35.0	

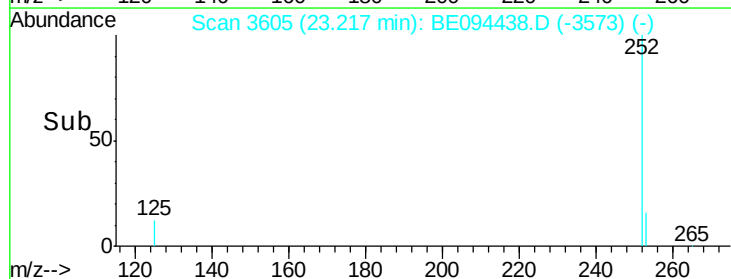
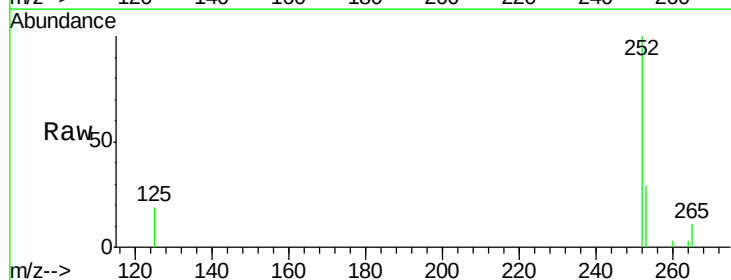
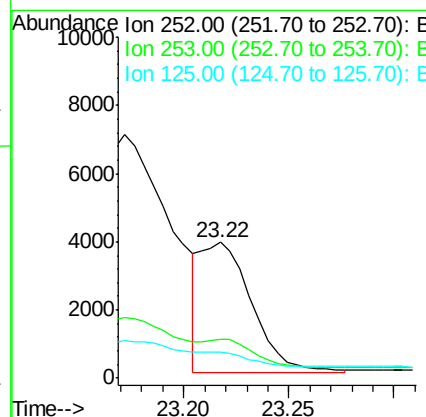
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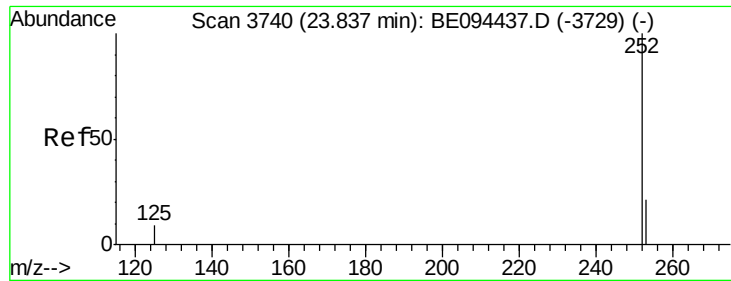
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#22
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	6530		
253	28.8	24.5	36.7	
125	19.4	13.7	20.5	





#23

Benzo(a)pyrene

Concen: 0.436 ng/ul

RT: 23.83 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BE094438.D

Acq: 18 Oct 2017 10:11

Instrument :

BNA_E

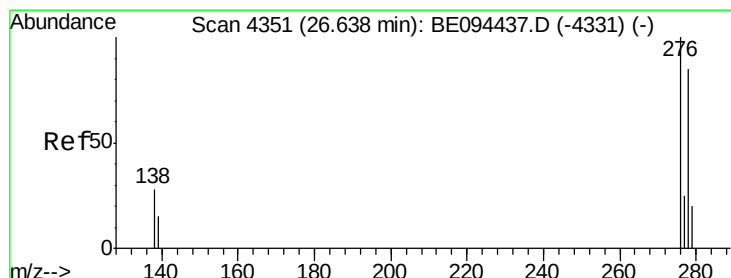
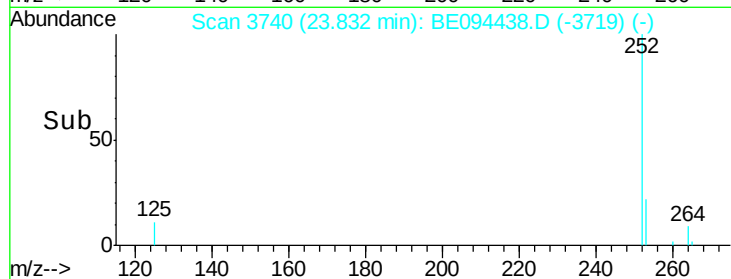
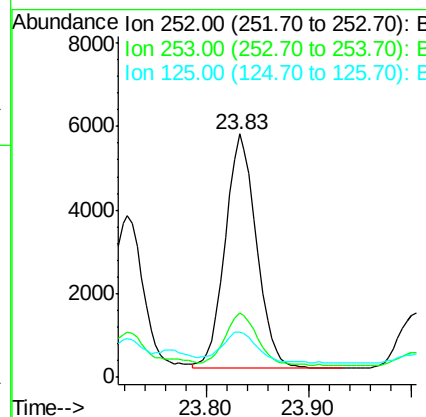
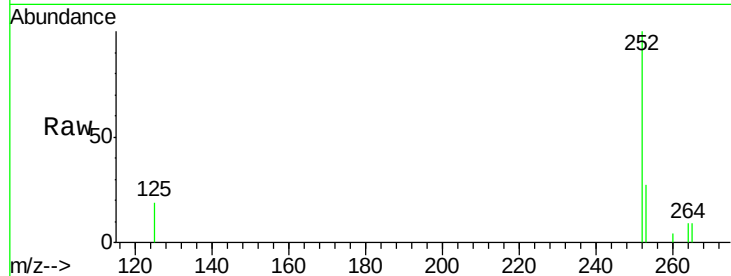
ClientSampleId :

C0AC2DL

Tgt Ion:	252	Resp:	11850
Ion Ratio	Lower	Upper	
252	100		
253	26.7	28.5	42.7#
125	18.8	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.280 ng/ul

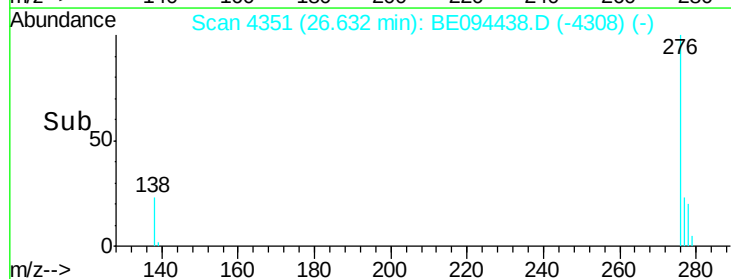
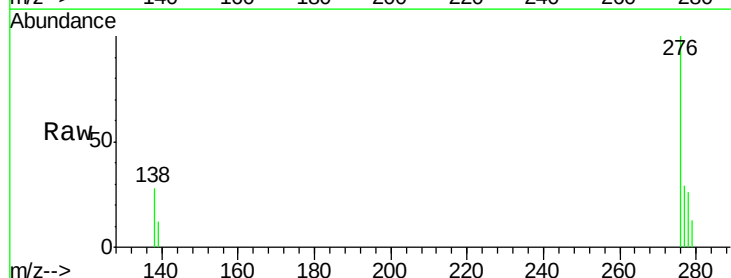
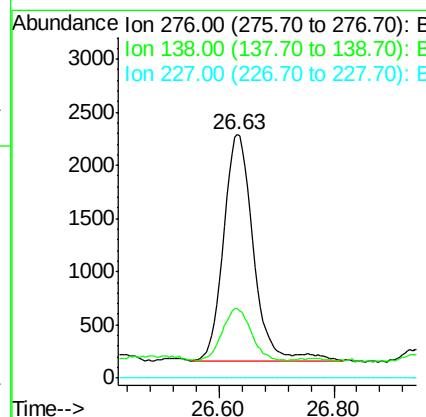
RT: 26.63 min Scan# 4351

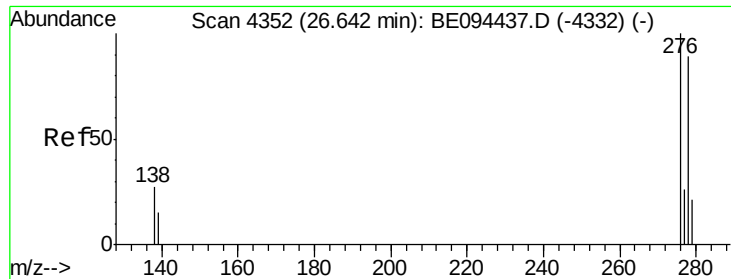
Delta R.T. -0.01 min

Lab File: BE094438.D

Acq: 18 Oct 2017 10:11

Tgt Ion:	276	Resp:	7787
Ion Ratio	Lower	Upper	
276	100		
138	22.5	28.0	42.0#
227	0.0	8.0	12.0#





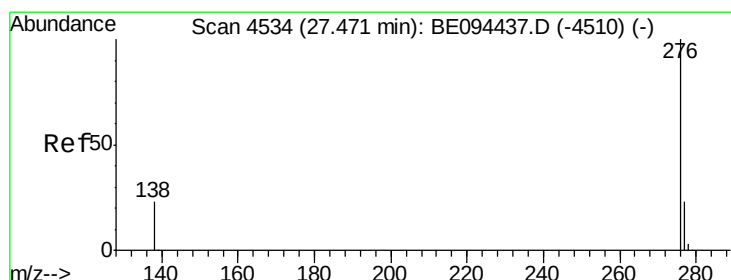
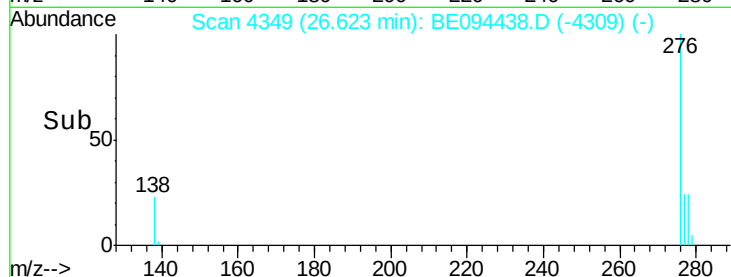
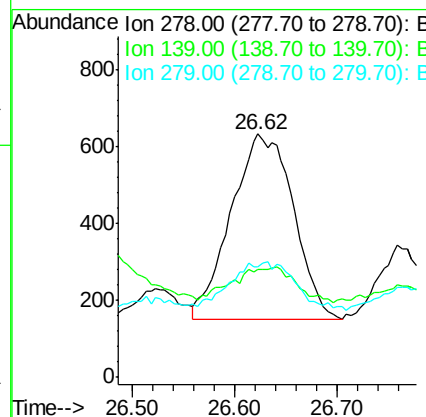
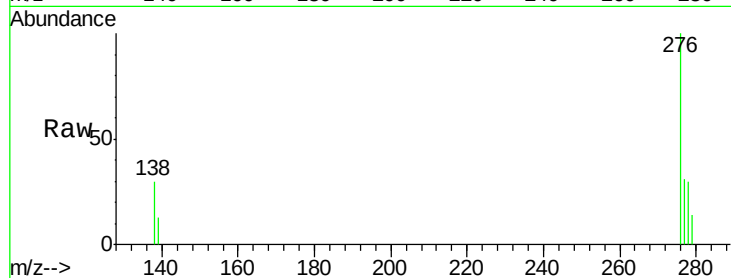
#25
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.62 min Scan# 4349
Delta R.T. -0.02 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	44.2	17.4	26.0#
279	45.6	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.240 ng/ul
RT: 27.47 min Scan# 4535
Delta R.T. -0.00 min
Lab File: BE094438.D
Acq: 18 Oct 2017 10:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	21.8	32.8
277	32.7	20.5	30.7#

