

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
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 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:05:17 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	1591	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9253	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11686	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11192	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10881m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3757	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	9029	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	911	0.040	ng/ul#	82
5) 2-Methylnaphthalene	12.35	142	819	0.052	ng/ul	98
12) Phenanthrene	17.29	178	7922	0.257	ng/ul#	91
13) Anthracene	17.38	178	1822	0.060	ng/ul#	86
15) Fluoranthene	19.31	202	26528	0.743	ng/ul	83
17) Pyrene	19.67	202	23583	0.682	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	9278	0.290	ng/ul#	90
19) Chrysene	21.46	228	15656	0.473	ng/ul#	90
21) Benzo(b)fluoranthene	23.19	252	20989m	0.686	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	7787m	0.237	ng/ul	
23) Benzo(a)pyrene	23.85	252	10898m	0.356	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	7864m	0.248	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	1951m	0.073	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	7041m	0.277	ng/ul	

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

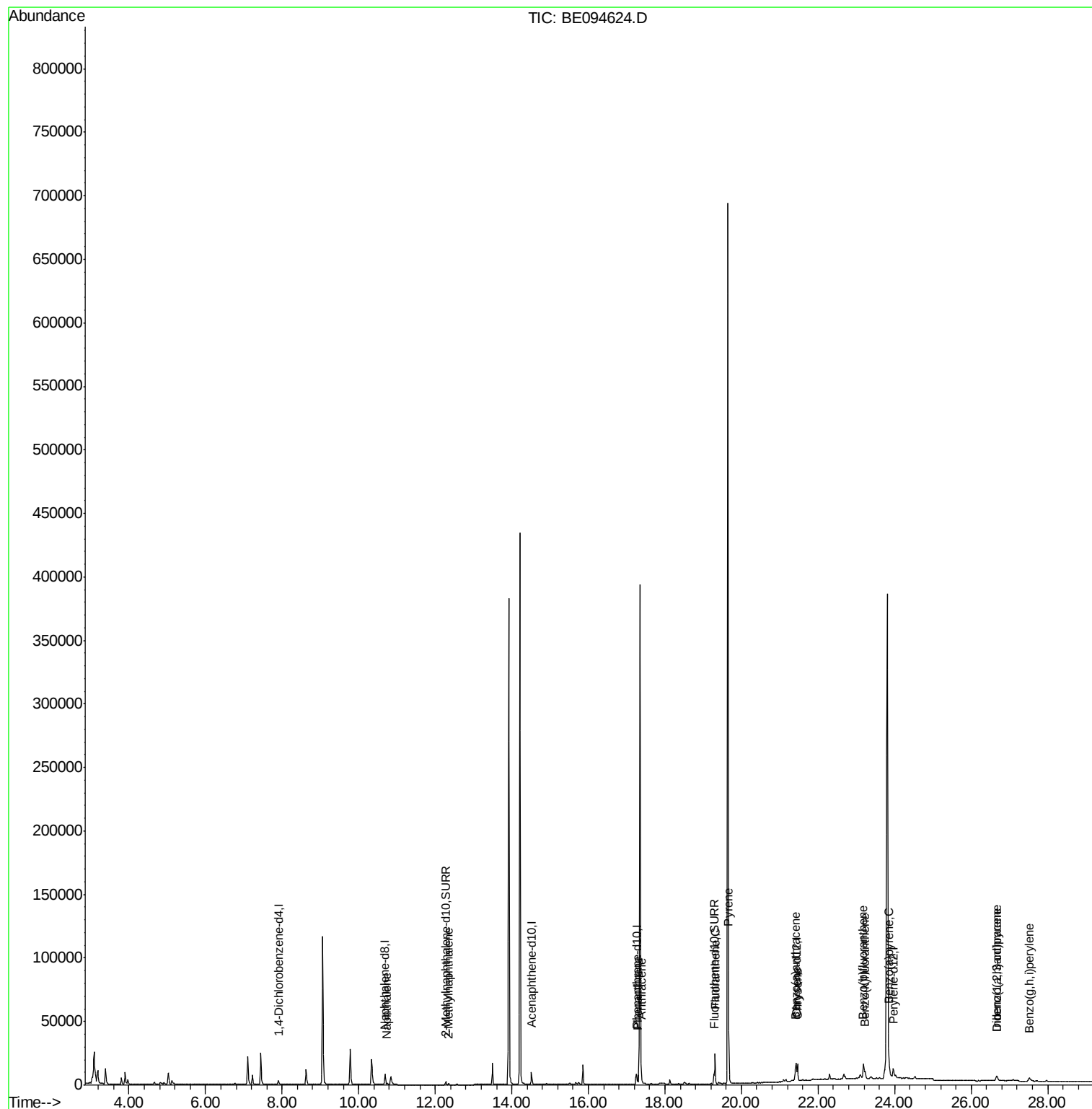
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094624.D
Acq On : 28 Oct 2017 15:53
Operator : SJ/JU
Sample : I5842-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

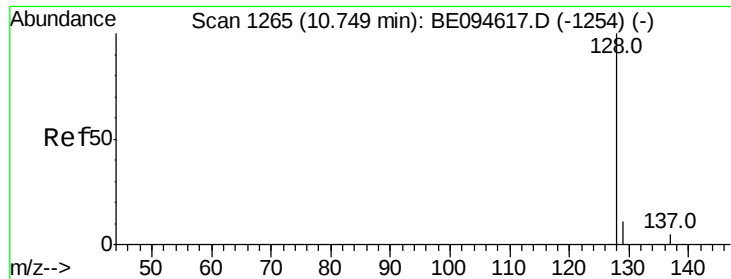
Instrument :
BNA_E
ClientSampleId :
C0AA2

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Quant Time: Oct 30 04:05:17 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





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

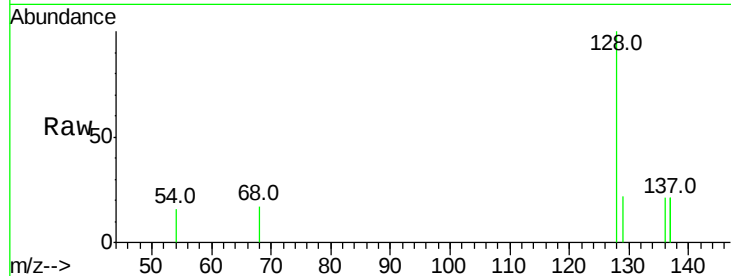
ClientSampleId :

C0AA2

Tot Ion:	128	Resp:	911
Ion Ratio	Lower	Upper	
128	100		
129	21.7	11.3	16.9#
127	0.0	4.0	6.0#

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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.74

600

400

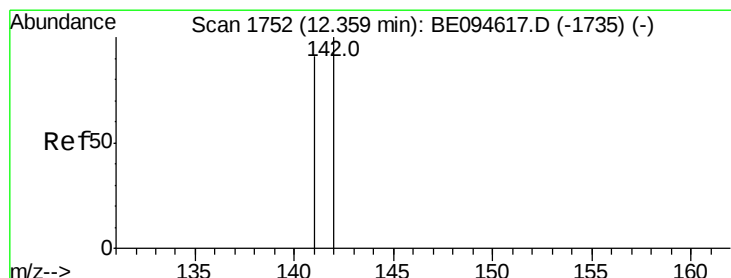
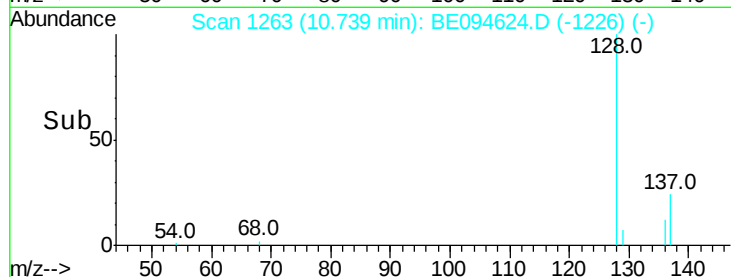
200

0

10.70

10.80

Time-->



#5

2-Methylnaphthalene

Concen: 0.052 ng/ul

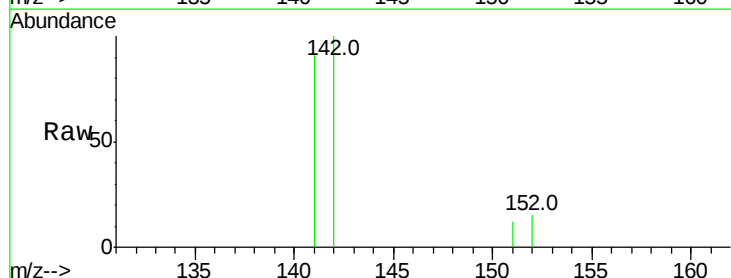
RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Tgt Ion:	142	Resp:	819
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

600

500

400

300

200

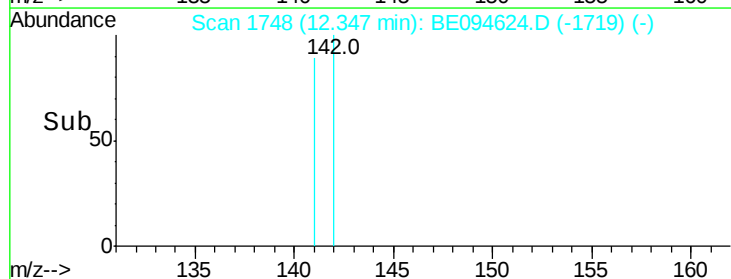
100

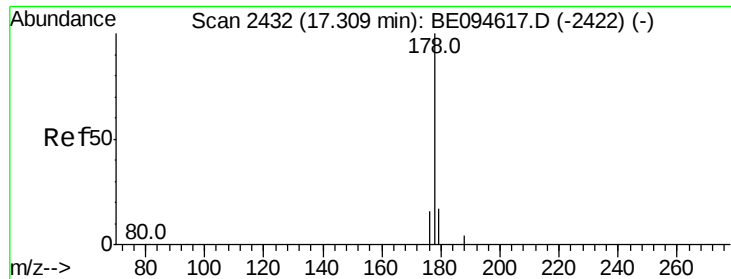
0

12.30

12.40

Time-->





#12

Phenanthrene

Concen: 0.257 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

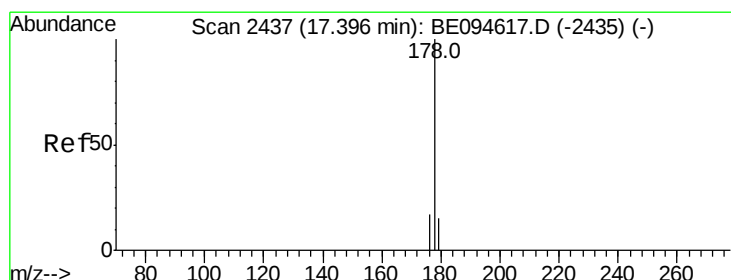
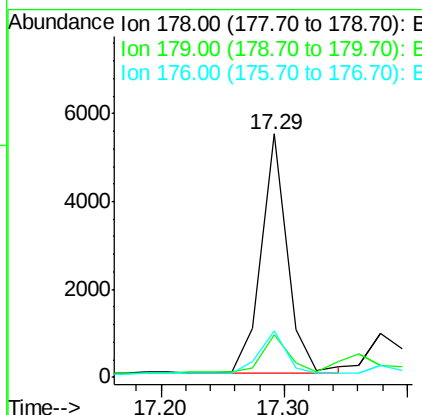
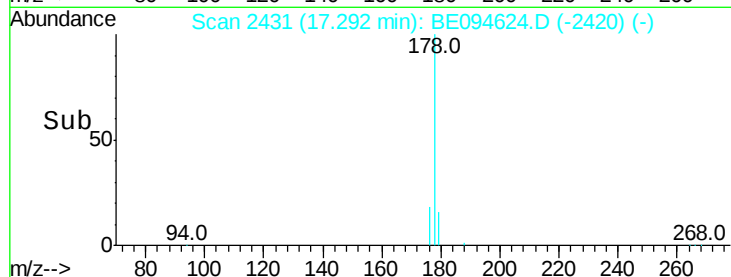
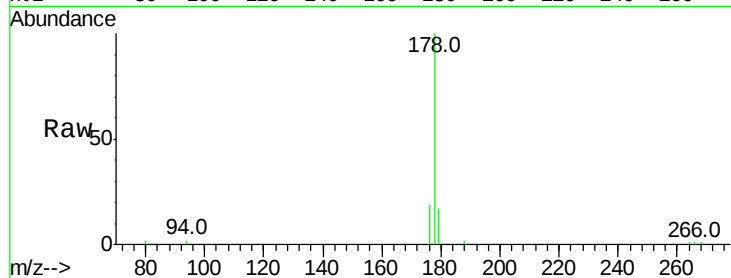
ClientSampled :

C0AA2

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	18.9	13.6	20.4

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#13

Anthracene

Concen: 0.060 ng/ul

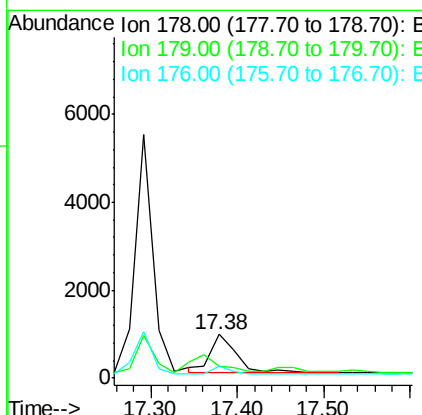
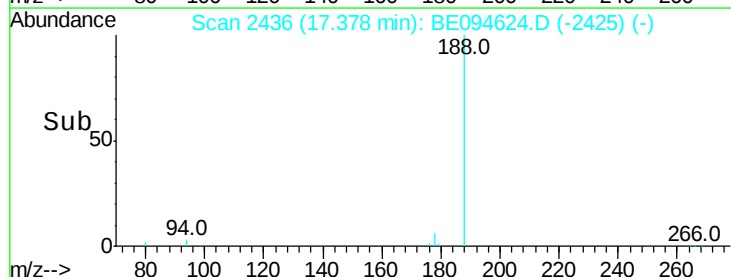
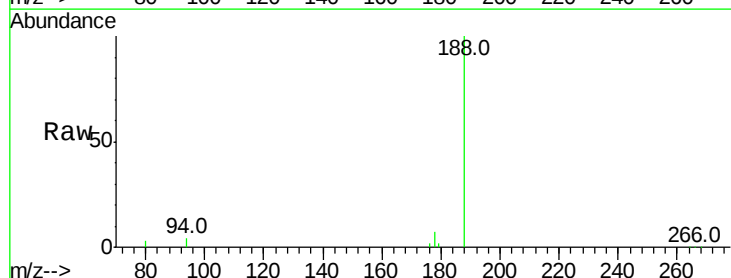
RT: 17.38 min Scan# 2436

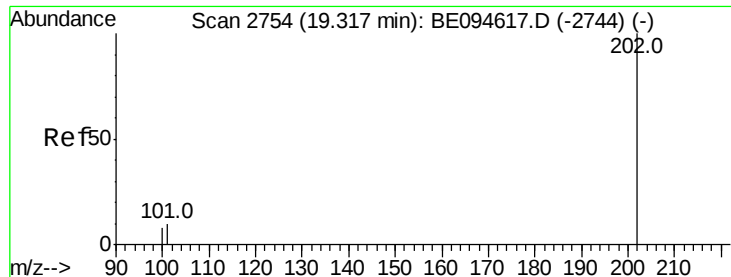
Delta R.T. -0.02 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.3	18.1	27.1#
176	26.7	14.7	22.1#





#15

Fluoranthene

Concen: 0.743 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

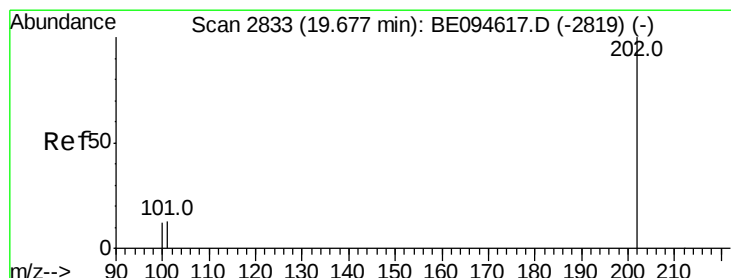
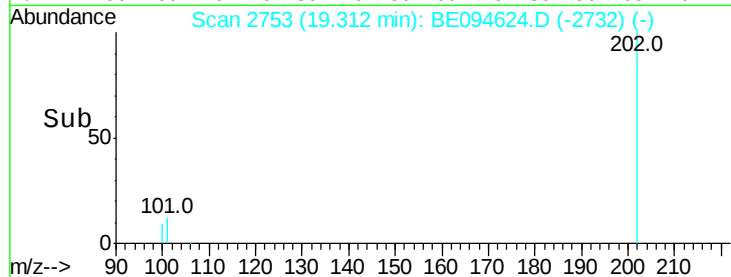
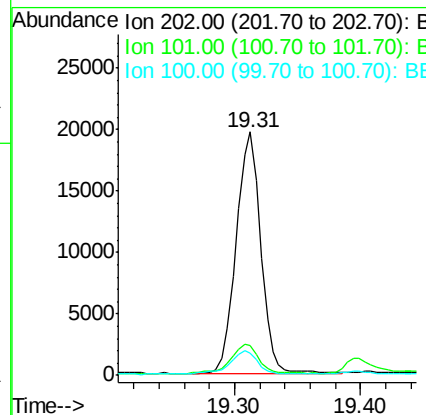
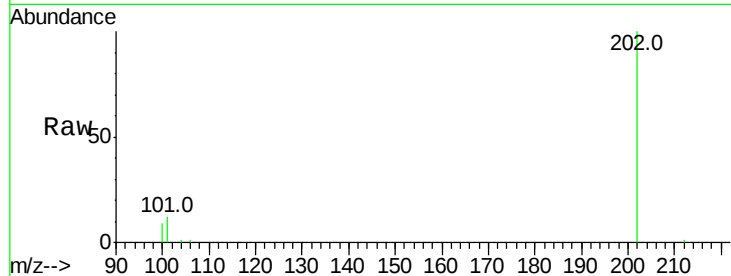
ClientSampleId :

C0AA2

Tot Ion:	202	Resp:	26528
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	30.3
100	9.3	0.0	39.5

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#17

Pyrene

Concen: 0.682 ng/ul

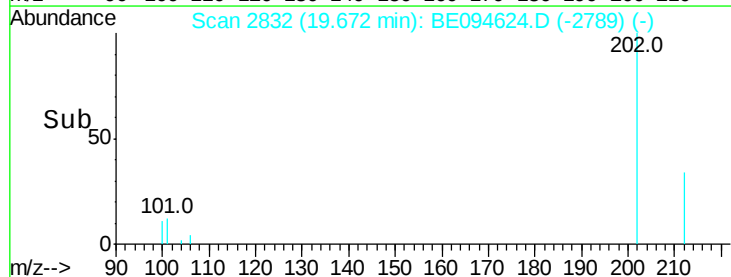
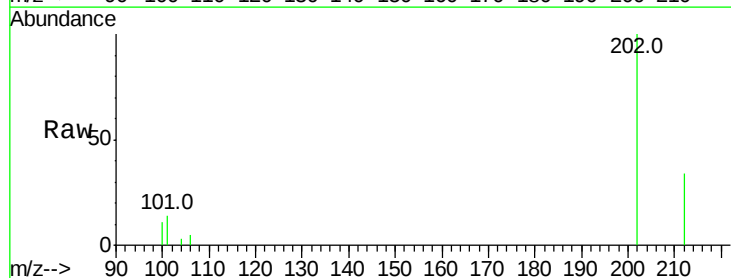
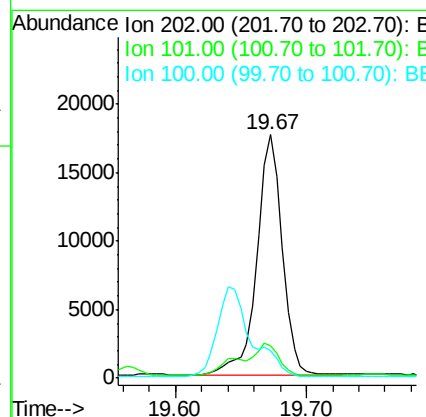
RT: 19.67 min Scan# 2832

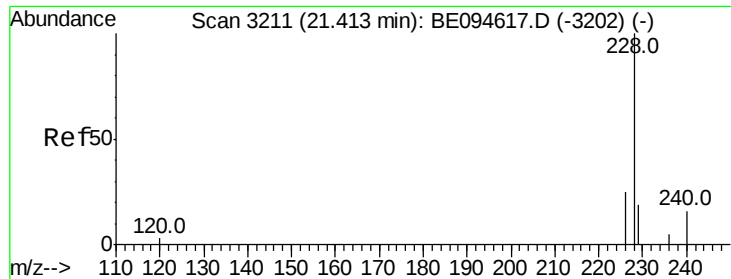
Delta R.T. -0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Tgt Ion:	202	Resp:	23583
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.3	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.290 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Instrument :

BNA_E

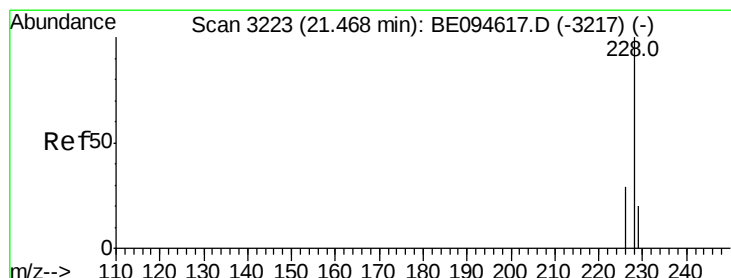
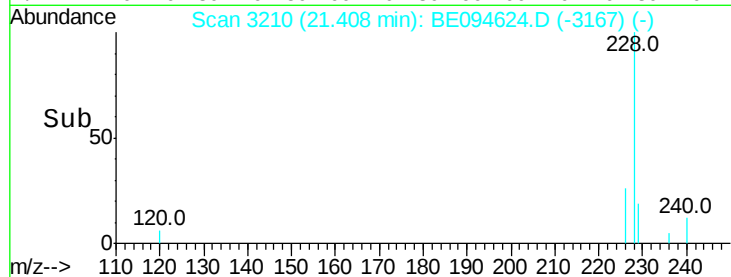
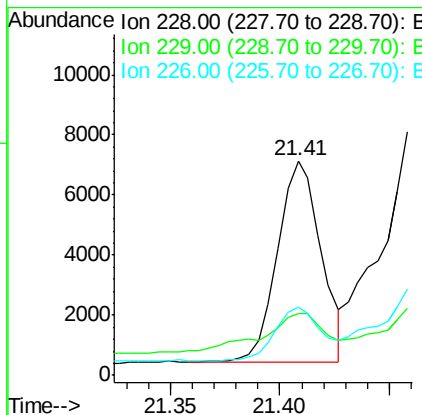
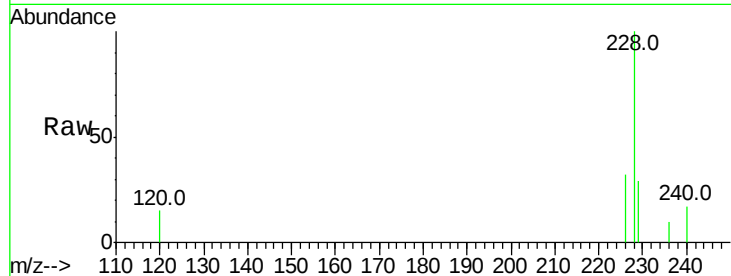
ClientSampled :

C0AA2

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.0	22.8	34.2
226	32.0	17.0	25.6#

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#19

Chrysene

Concen: 0.473 ng/ul

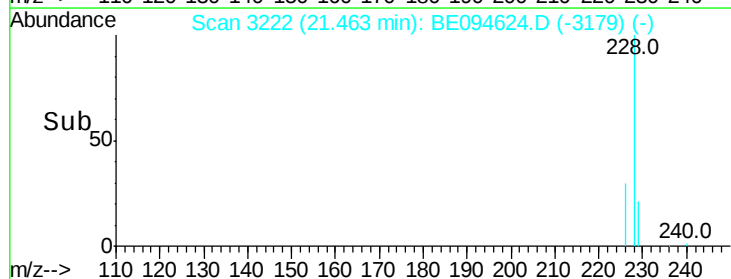
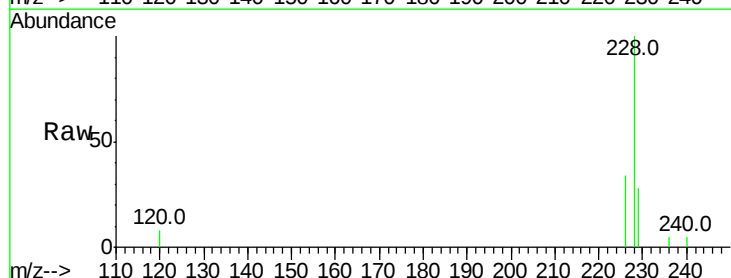
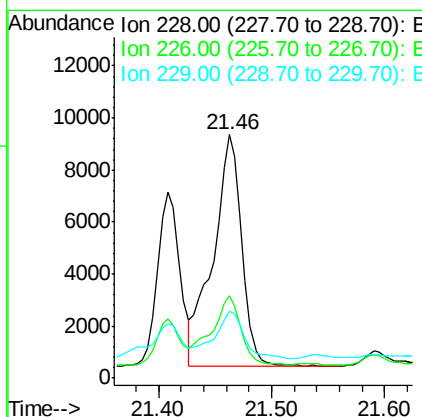
RT: 21.46 min Scan# 3222

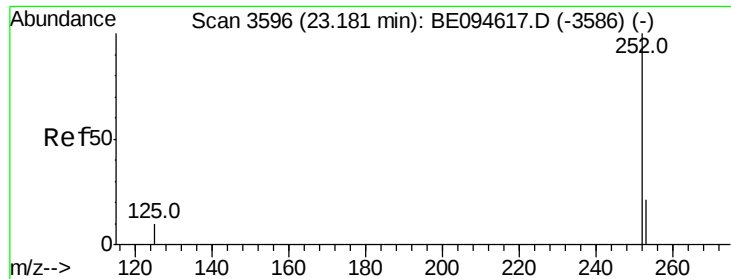
Delta R.T. -0.00 min

Lab File: BE094624.D

Acq: 28 Oct 2017 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.4	35.0
229	27.5	17.7	26.5#





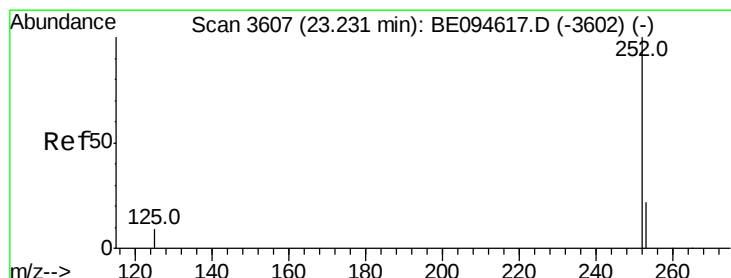
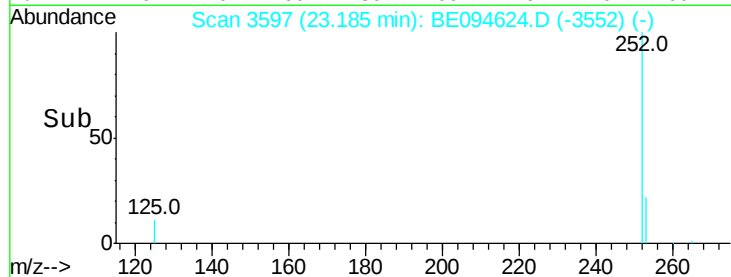
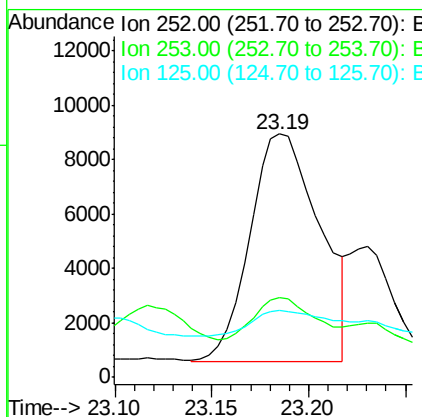
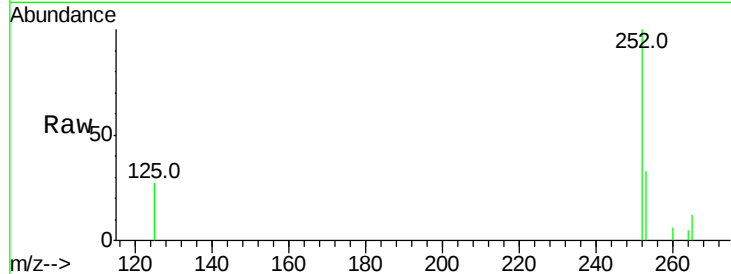
#21
Benzo(b)fluoranthene
Concen: 0.686 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. 0.00 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Instrument :
BNA_E
ClientSampleId :
C0AA2

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	0.0	64.2
125	27.3	0.0	35.0

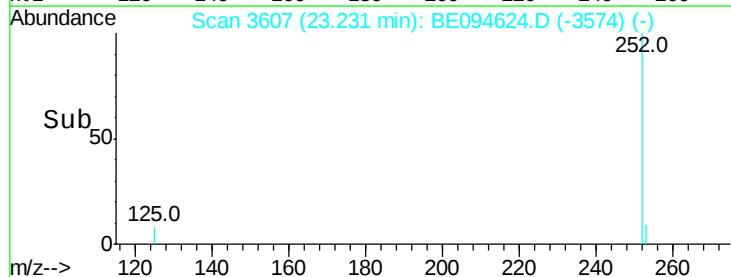
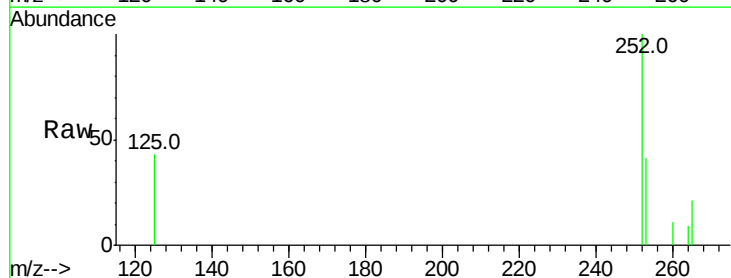
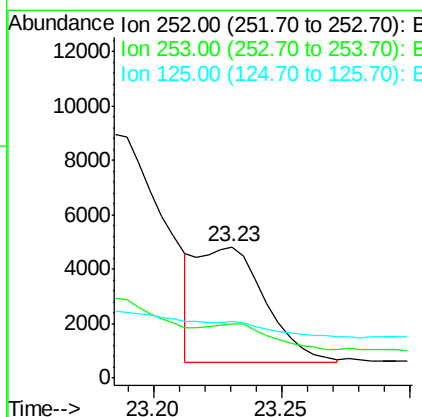
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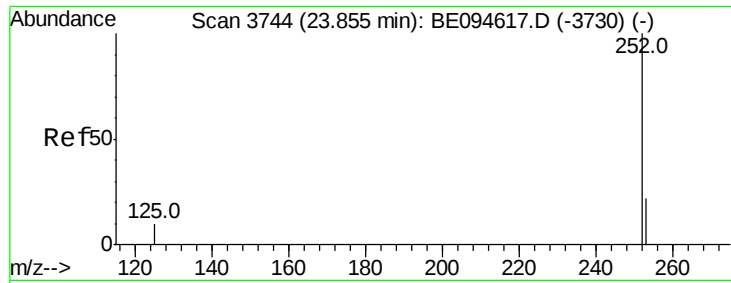
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#22
Benzo(k)fluoranthene
Concen: 0.237 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.00 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.2	24.5	36.7#
125	43.2	13.7	20.5#





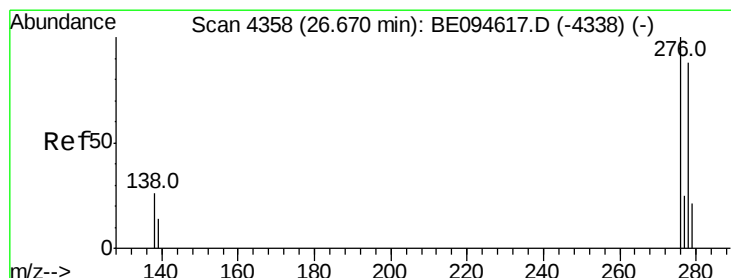
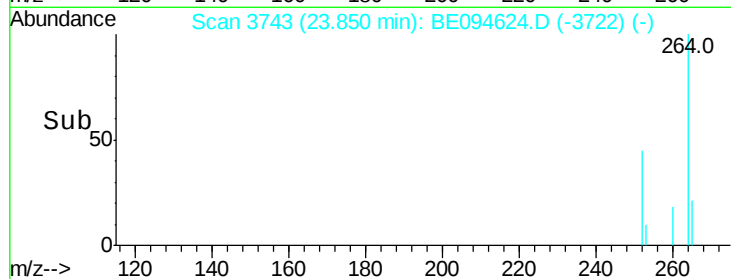
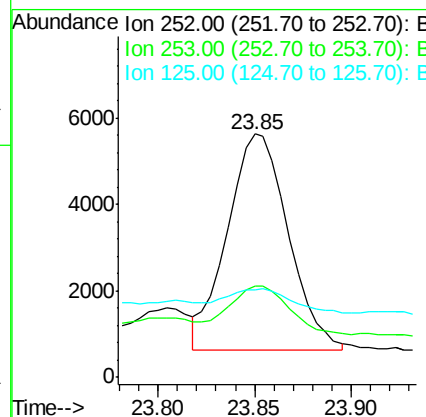
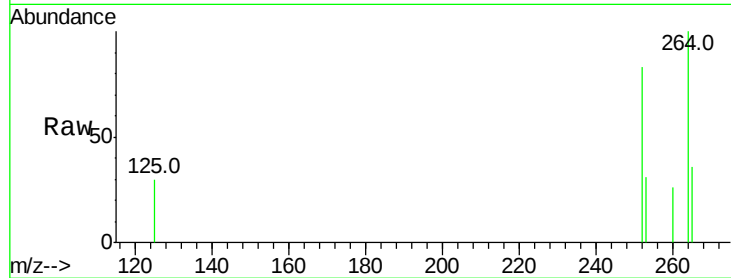
#23
Benzo(a)pyrene
Concen: 0.356 ng/ul m
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Instrument :
BNA_E
ClientSampleId :
C0AA2

Tot Ion	Ratio	Resp	Lower	Upper
252	100	10898		
253	37.8		28.5	42.7
125	36.1		18.1	27.1#

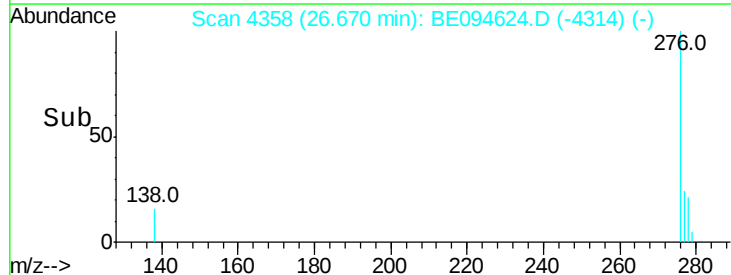
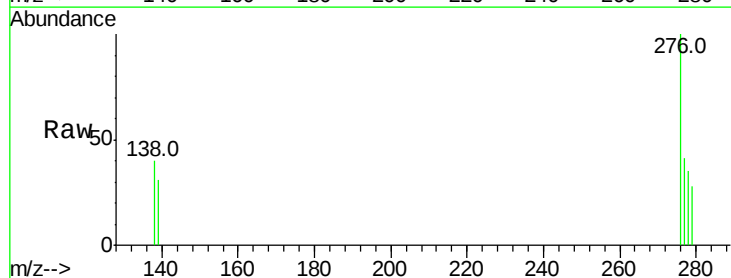
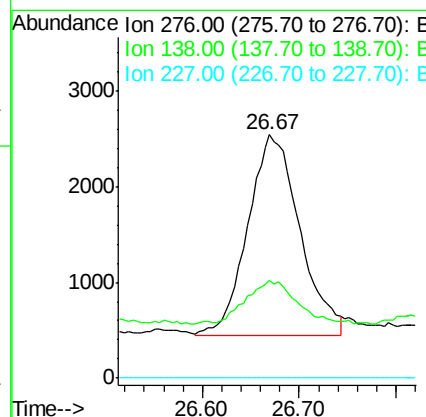
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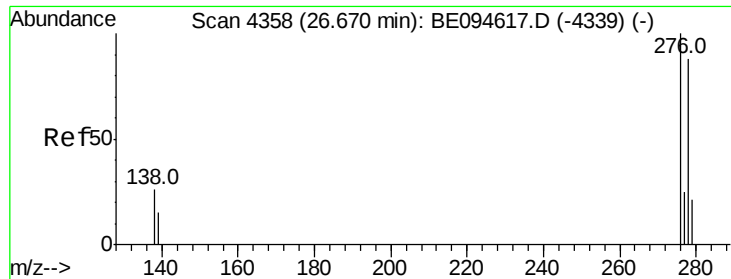
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.248 ng/ul m
RT: 26.67 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	7864		
138	5.8		28.0	42.0#
227	0.0		8.0	12.0#





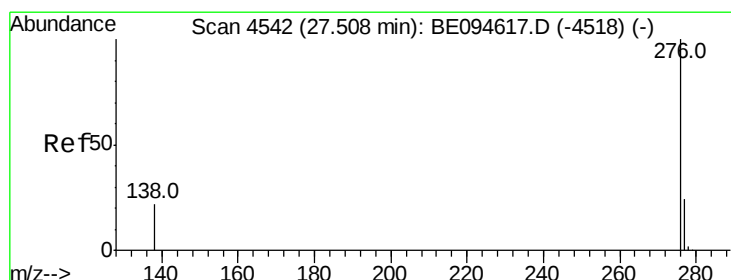
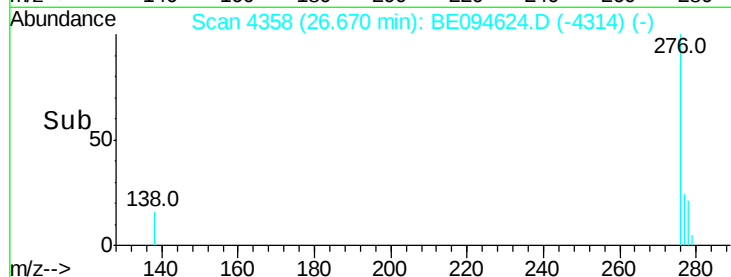
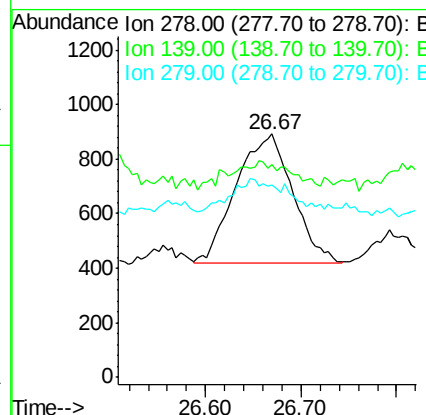
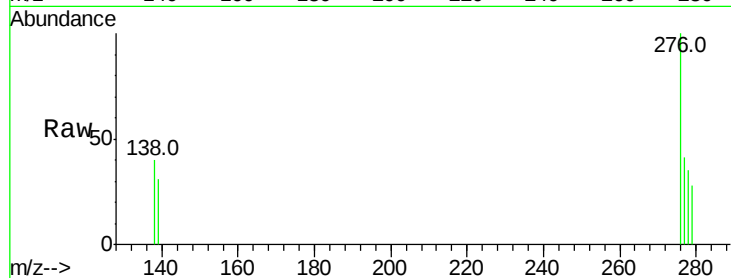
#25
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul m
RT: 26.67 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Instrument :
BNA_E
ClientSampleId :
C0AA2

Tot Ion	Ratio	Lower	Upper
278	100		
139	87.2	17.4	26.0#
279	79.2	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.277 ng/ul m
RT: 27.52 min Scan# 4544
Delta R.T. 0.01 min
Lab File: BE094624.D
Acq: 28 Oct 2017 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.7	21.8	32.8#
277	42.4	20.5	30.7#

