

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094615.D
 Acq On : 28 Oct 2017 10:25
 Operator : SJ/JU
 Sample : I5842-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:37:29 PM

Quant Time: Oct 30 02:45:06 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 02:20:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1131	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7056	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8884	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9176	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8515m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2986	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	7607	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	976	0.057	ng/ul#	85
5) 2-Methylnaphthalene	12.35	142	856	0.071	ng/ul	99
7) Acenaphthylene	14.24	152	771	0.042	ng/ul#	72
8) Acenaphthene	14.57	153	3548	0.268	ng/ul	97
9) Fluorene	15.56	166	3133	0.211	ng/ul	91
12) Phenanthrene	17.29	178	98648	4.204	ng/ul#	91
13) Anthracene	17.38	178	13572	0.586	ng/ul#	90
15) Fluoranthene	19.31	202	283244	10.441	ng/ul	84
17) Pyrene	19.67	202	248749	8.769	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	119483	4.555	ng/ul#	87
19) Chrysene	21.46	228	131625	4.855	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	195635m	8.168	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	53769m	2.095	ng/ul	
23) Benzo(a)pyrene	23.85	252	115477m	4.823	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	71420m	2.883	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	18036m	0.864	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	53631m	2.696	ng/ul	

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

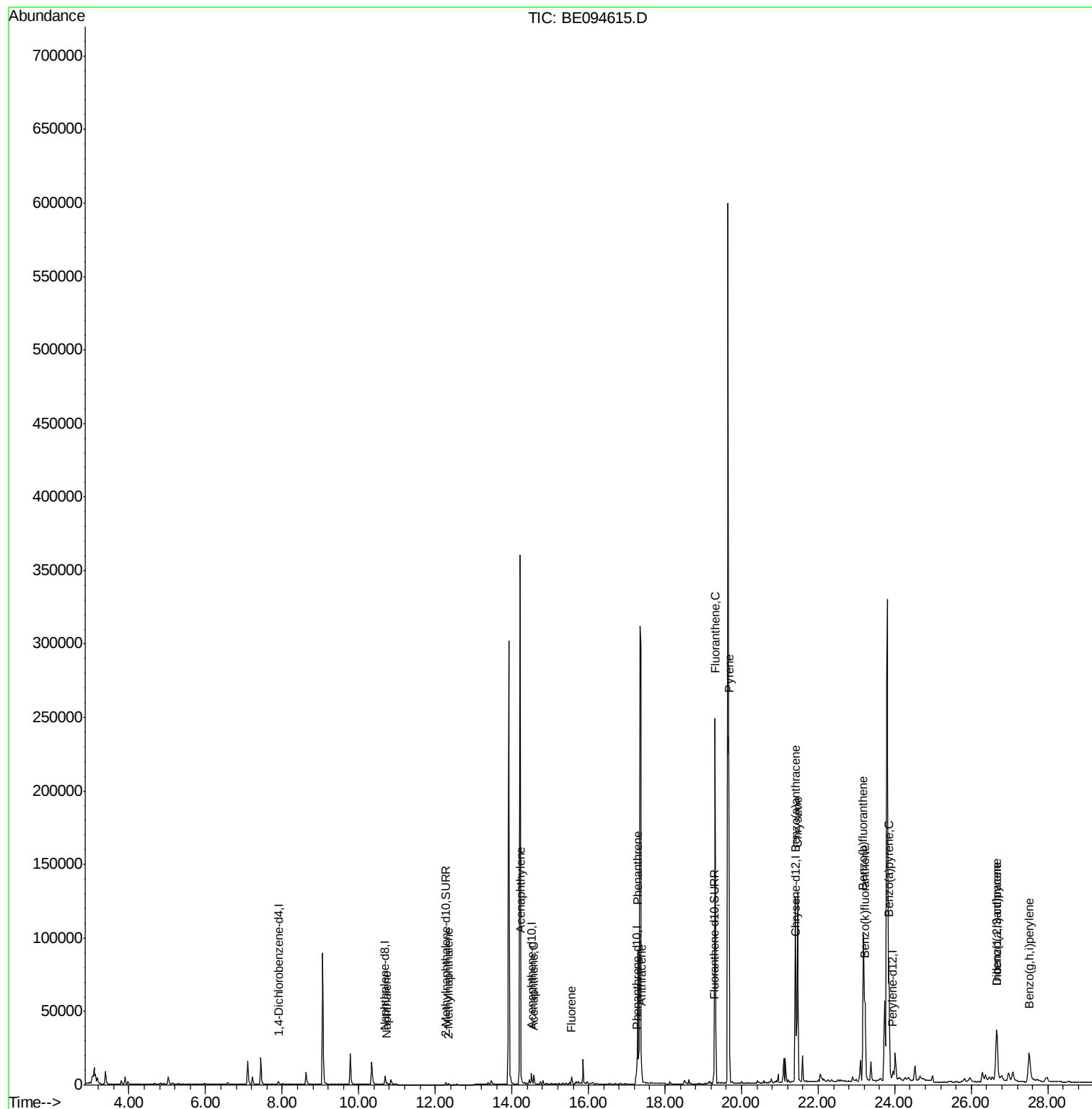
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 19 Sample Multiplier: 1

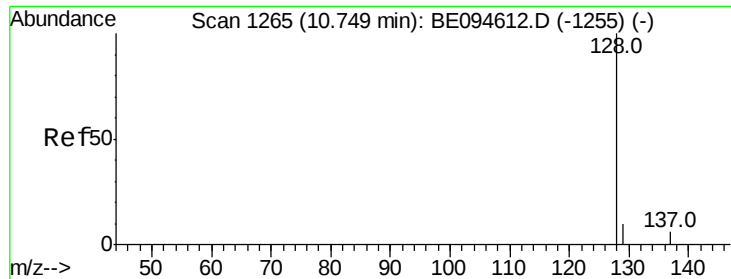
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 0.057 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Instrument :

BNA_E

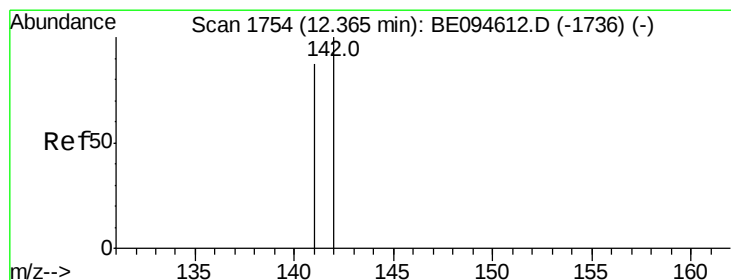
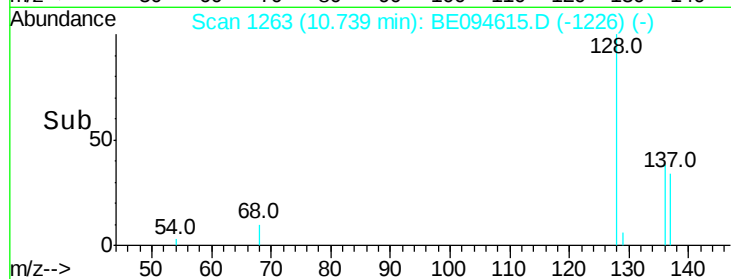
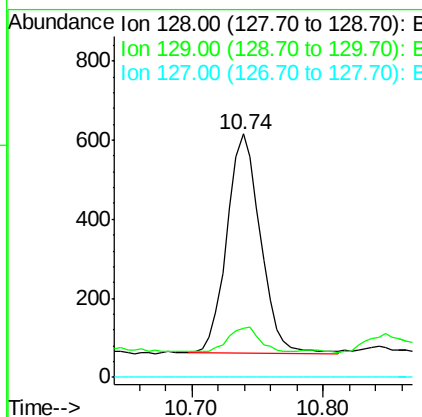
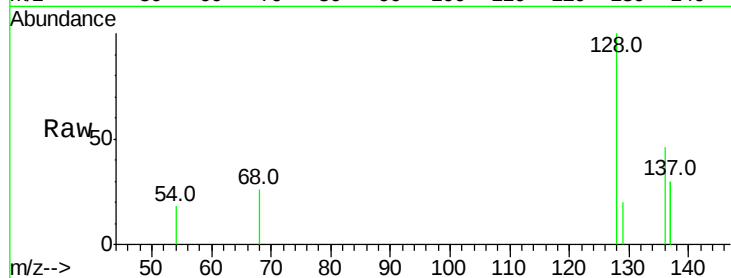
ClientSampleId :

C0AA1

Tot Ion:	128	Resp:	976
Ion Ratio	Lower	Upper	
128	100		
129	20.1	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.071 ng/ul

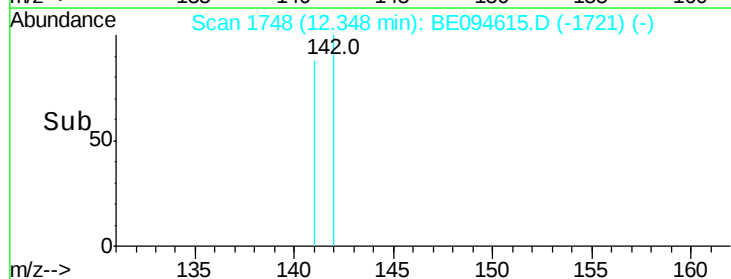
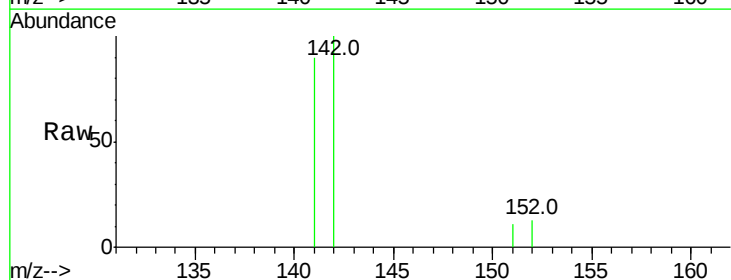
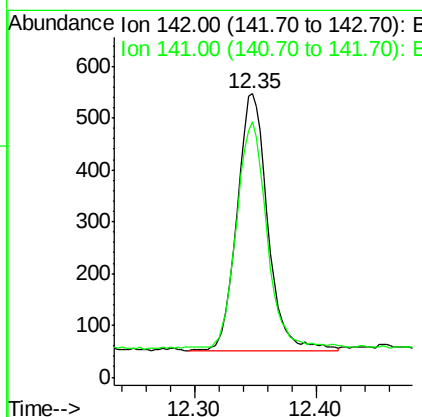
RT: 12.35 min Scan# 1748

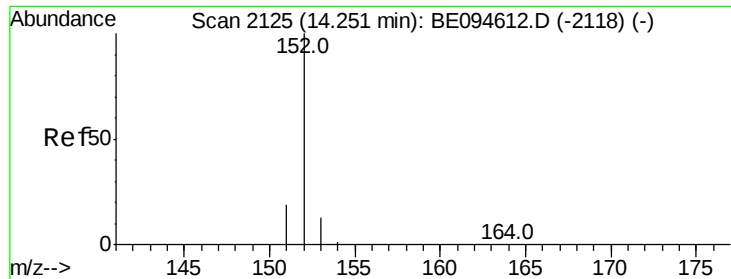
Delta R.T. -0.02 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Tgt Ion:	142	Resp:	856
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Instrument :

BNA_E

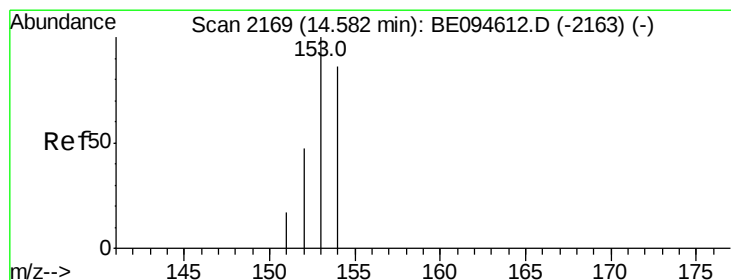
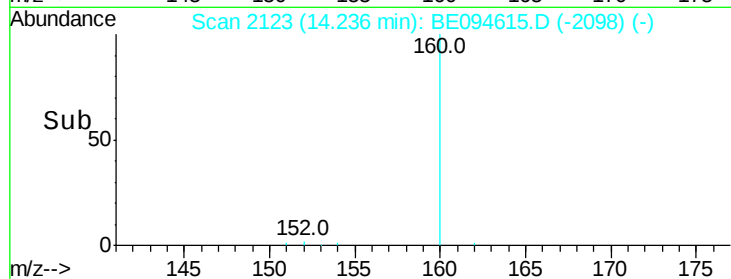
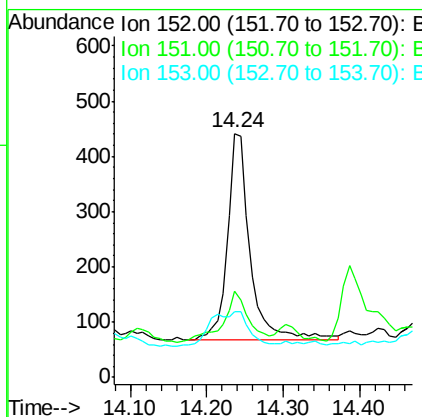
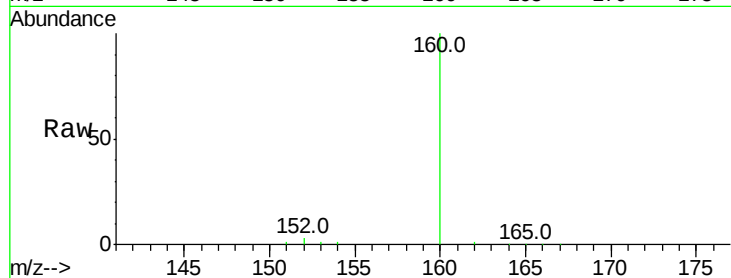
ClientSampled :

C0AA1

Tot Ion:	152	Resp:	771
Ion Ratio	Lower	Upper	
152	100		
151	35.4	17.1	25.7#
153	26.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.268 ng/ul

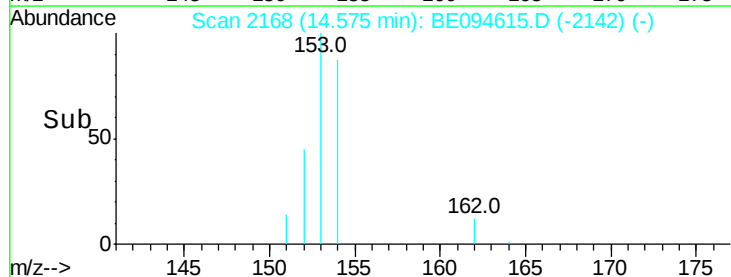
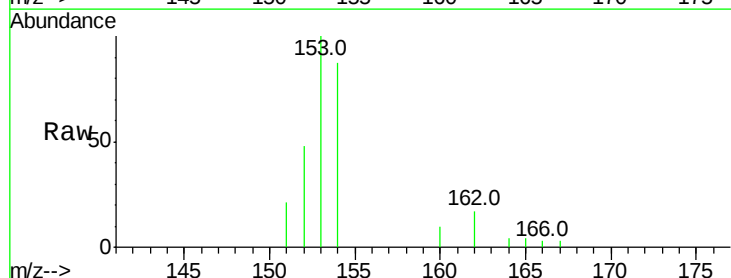
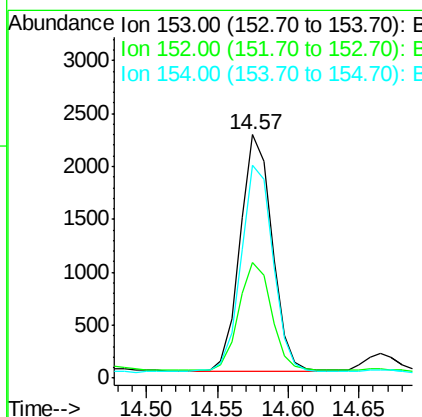
RT: 14.57 min Scan# 2168

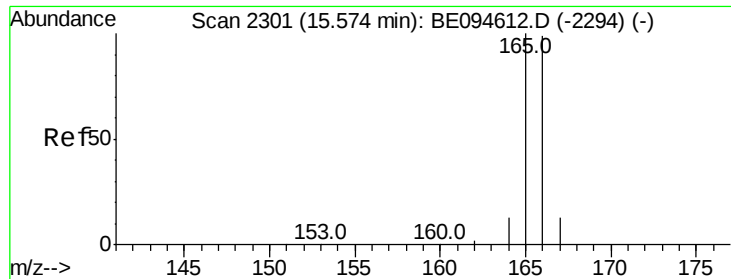
Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Tgt Ion:	153	Resp:	3548
Ion Ratio	Lower	Upper	
153	100		
152	47.5	36.0	54.0
154	87.3	72.0	108.0





#9

Fluorene

Concen: 0.211 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Instrument :

BNA_E

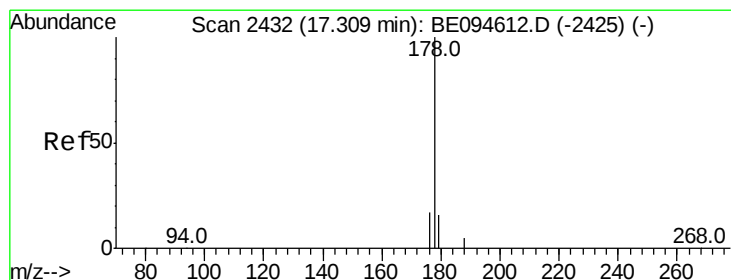
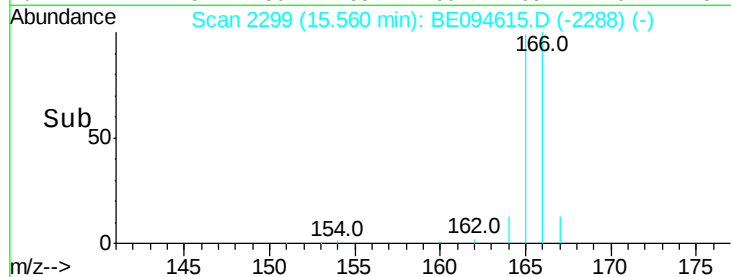
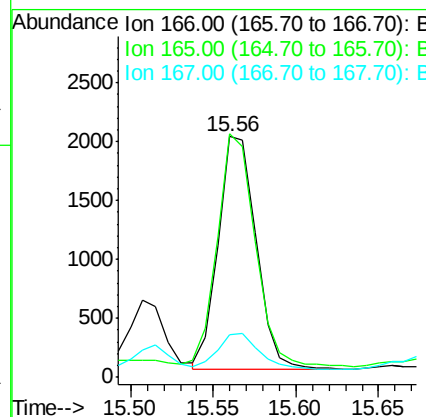
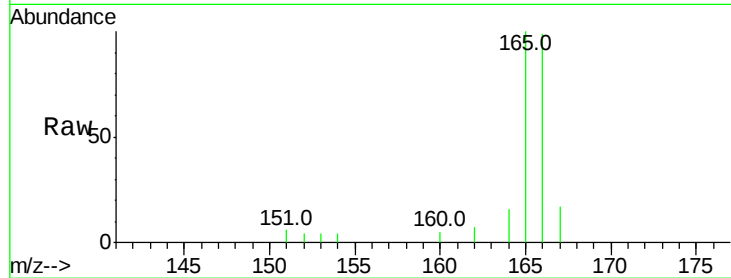
ClientSampleId :

C0AA1

Tot Ion:	166	Resp:	3133
Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	17.7	14.6	22.0

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#12

Phenanthrene

Concen: 4.204 ng/ul

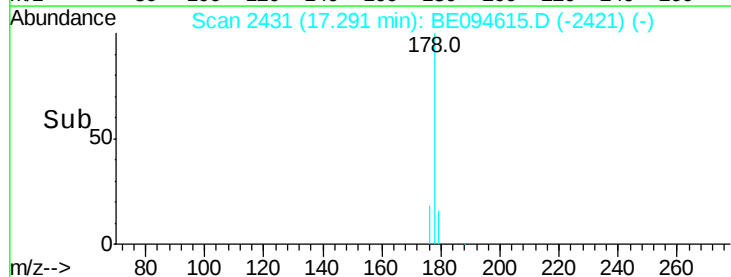
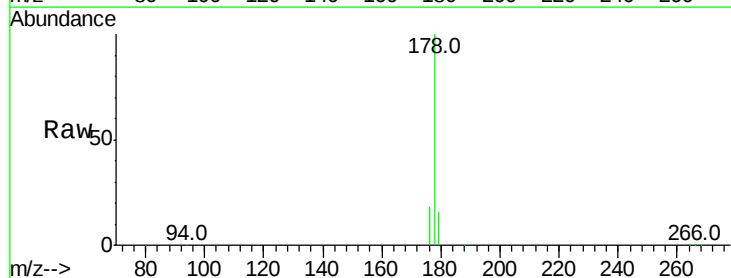
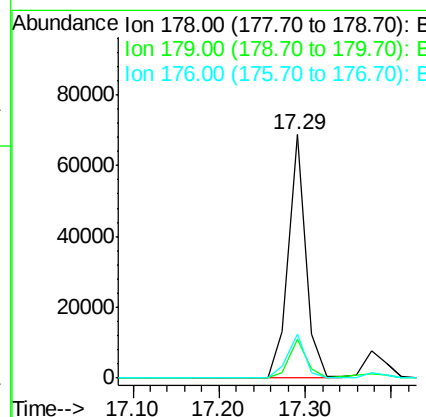
RT: 17.29 min Scan# 2431

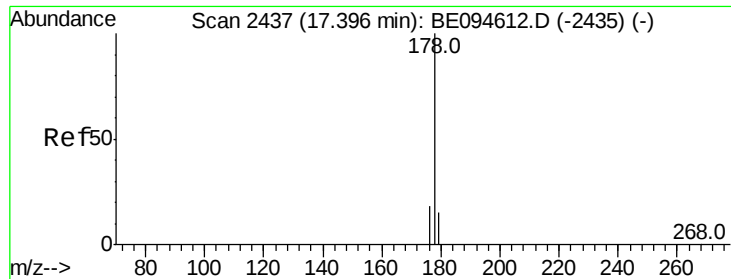
Delta R.T. -0.02 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Tgt Ion:	178	Resp:	98648
Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	17.8	13.6	20.4





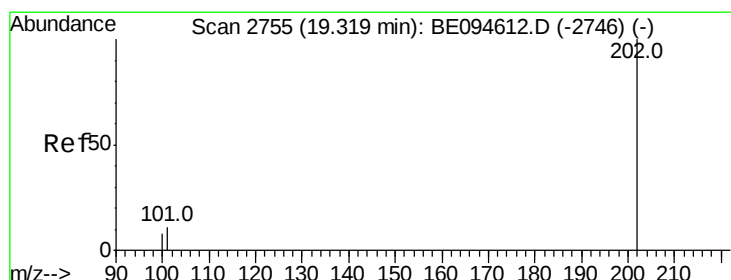
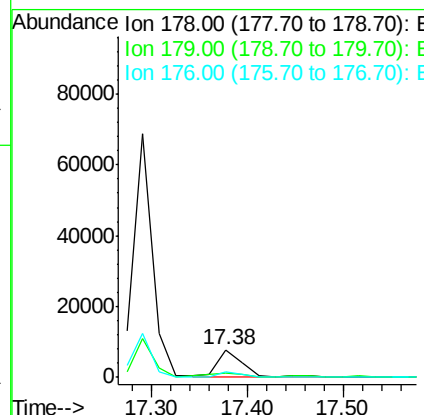
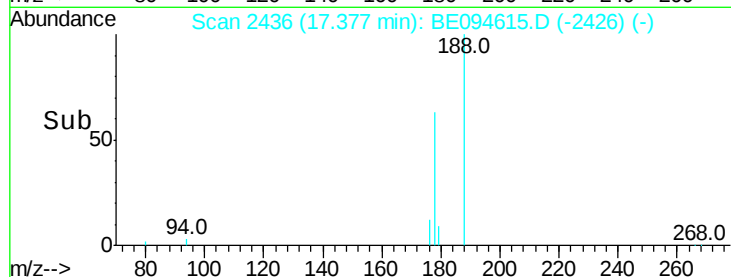
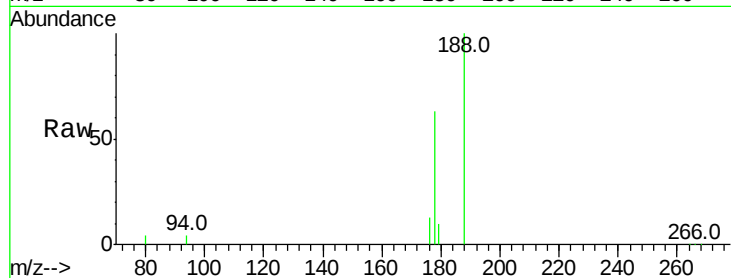
#13
 Anthracene
 Concen: 0.586 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094615.D
 Acq: 28 Oct 2017 10:25

Instrument :
 BNA_E
 ClientSampled :
 C0AA1

Tot Ion:178 Resp: 13572
 Ion Ratio Lower Upper
 178 100
 179 16.1 18.1 27.1#
 176 20.7 14.7 22.1

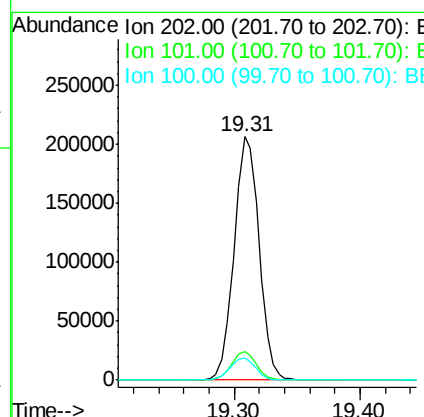
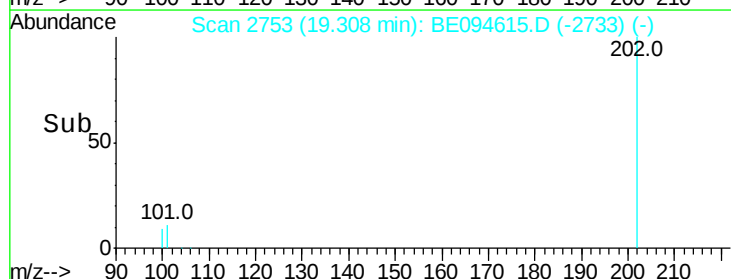
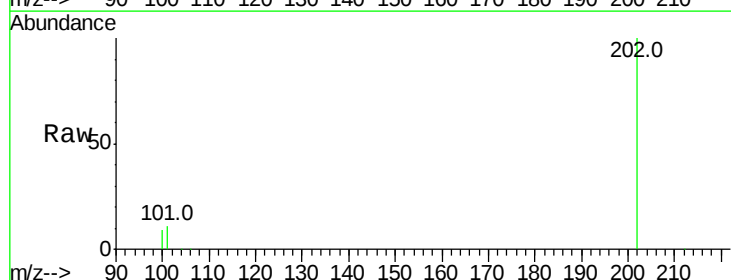
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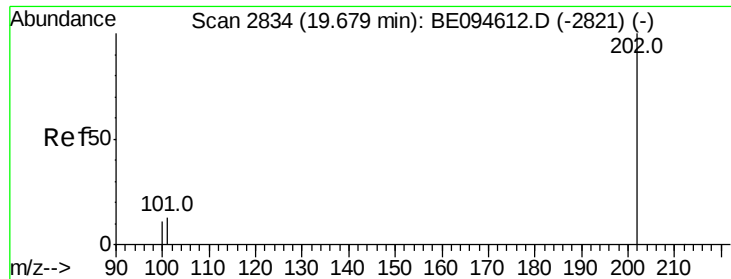
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#15
 Fluoranthene
 Concen: 10.441 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094615.D
 Acq: 28 Oct 2017 10:25

Tgt Ion:202 Resp: 283244
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.3
 100 9.1 0.0 39.5





#17

Pvrene

Concen: 8.769 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Instrument :

BNA_E

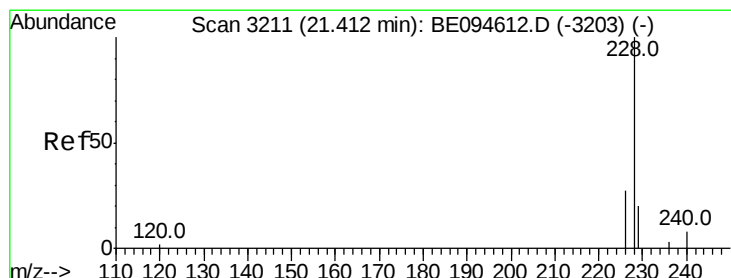
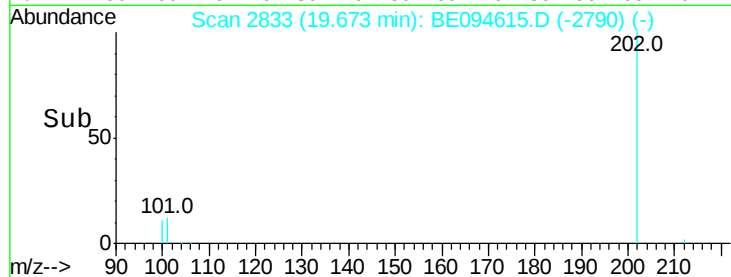
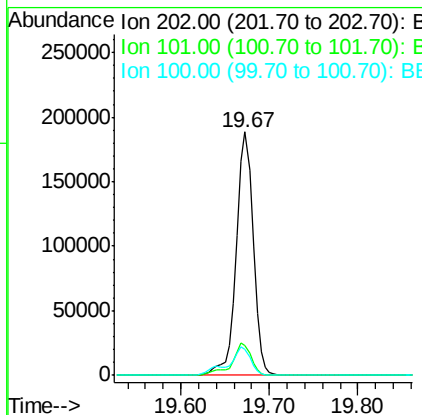
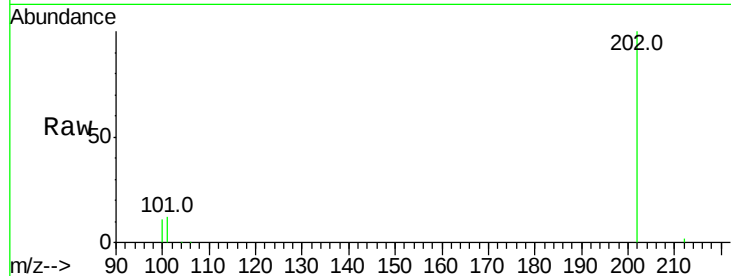
ClientSampleId :

C0AA1

Tot Ion:	202	Resp:	248749
Ion Ratio	Lower	Upper	
202	100		
101	12.4	18.2	27.4#
100	10.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 4.555 ng/ul

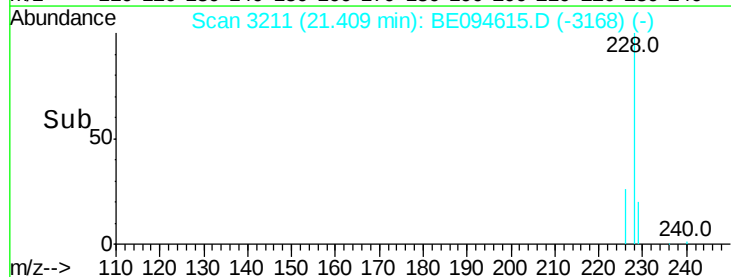
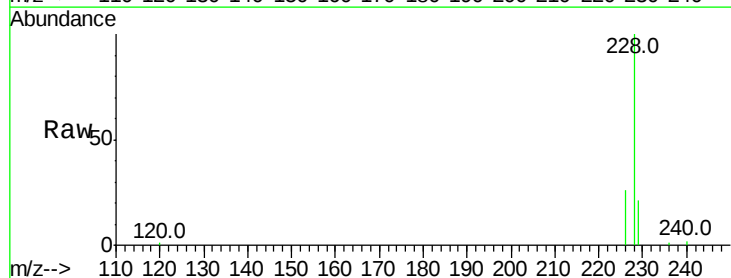
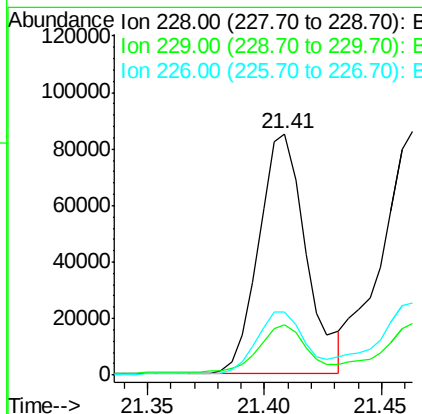
RT: 21.41 min Scan# 3211

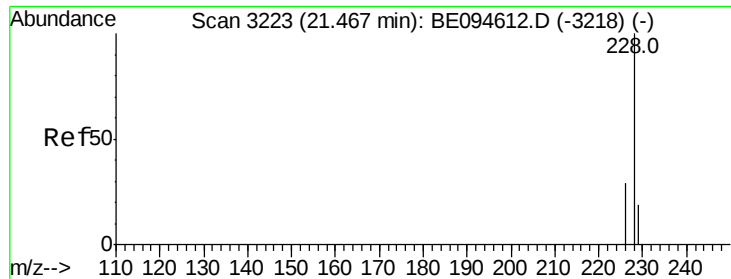
Delta R.T. -0.00 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Tgt Ion:	228	Resp:	119483
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	26.4	17.0	25.6#





#19

Chrysene

Concen: 4.855 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Instrument :

BNA_E

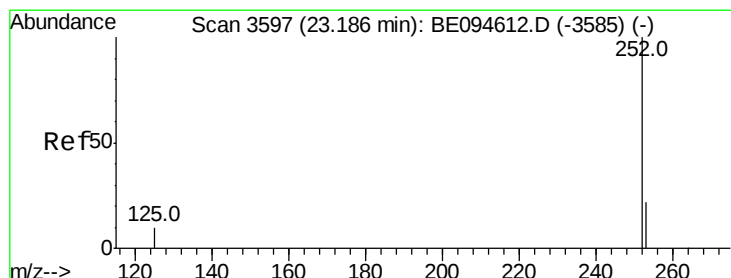
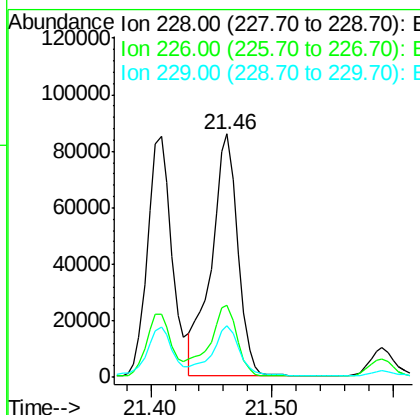
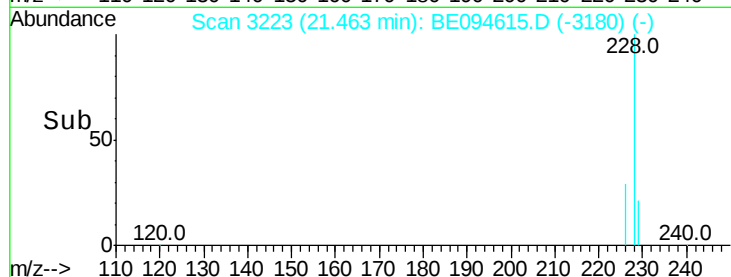
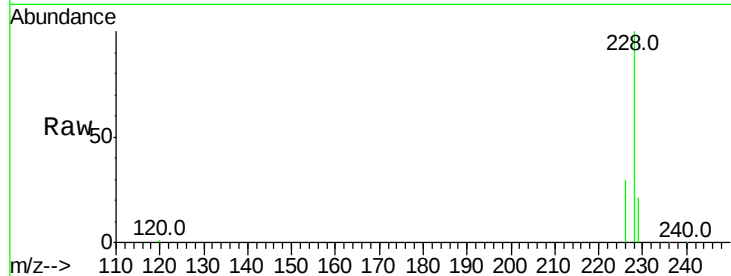
ClientSampleId :

C0AA1

Tot Ion:	228	Resp:	131625
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.0
229	21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 8.168 ng/ul m

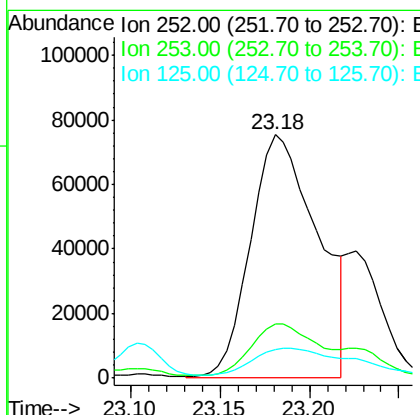
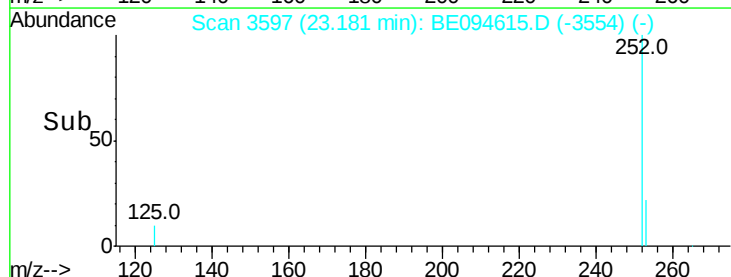
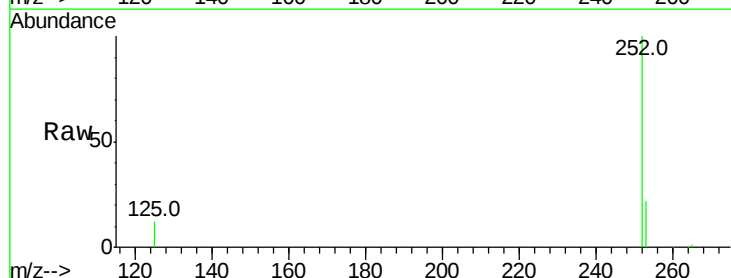
RT: 23.18 min Scan# 3597

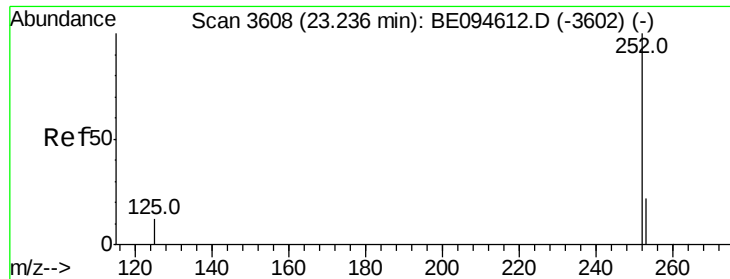
Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Tgt Ion:	252	Resp:	195635
Ion Ratio	Lower	Upper	
252	100		
253	22.3	0.0	64.2
125	11.9	0.0	35.0





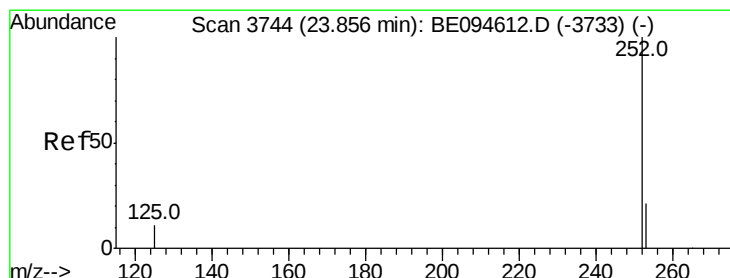
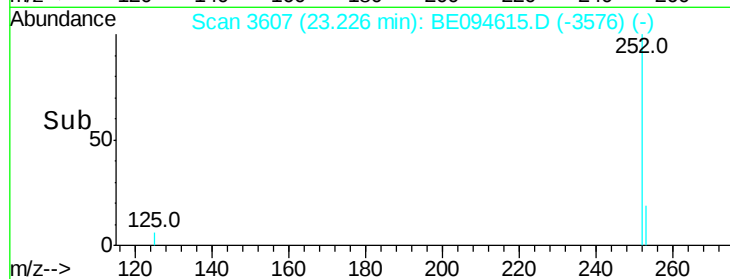
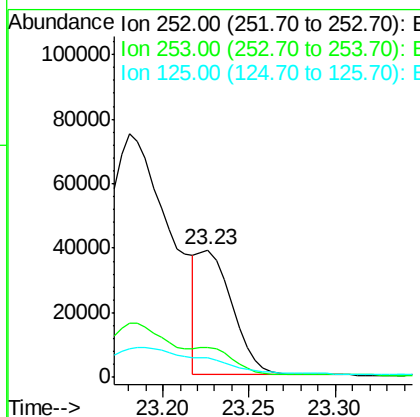
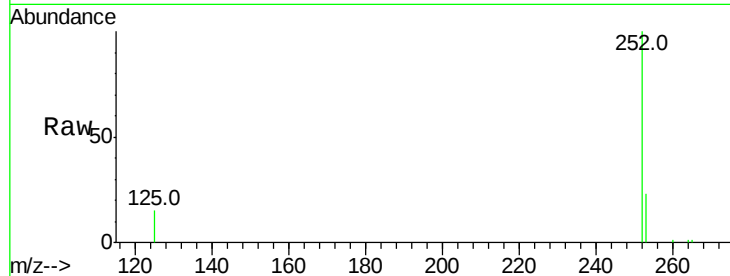
#22
Benzo(k)fluoranthene
Concen: 2.095 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	15.2	13.7	20.5

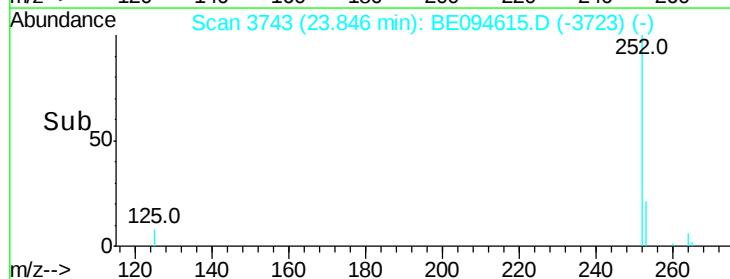
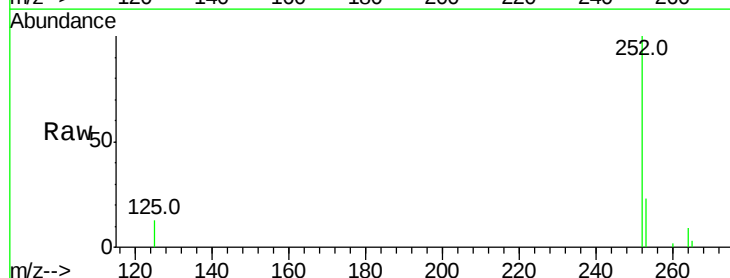
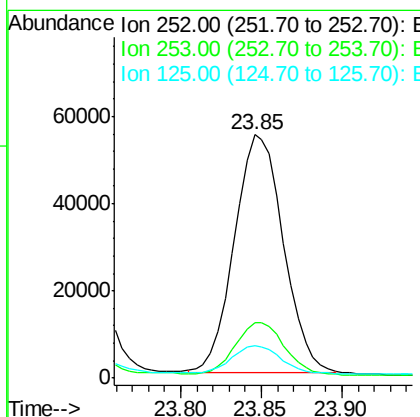
Manual Integrations
APPROVED

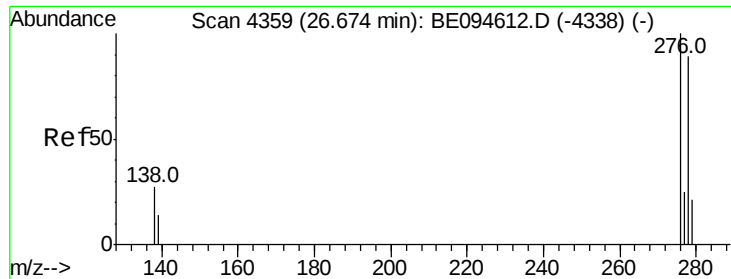
Sohil
10/30/2017 6:37:29 PM



#23
Benzo(a)pyrene
Concen: 4.823 ng/ul m
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	28.5	42.7#
125	13.2	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.883 ng/ul m

RT: 26.66 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

Instrument :

BNA_E

ClientSampleId :

C0AA1

Tot Ion:276 Resp: 71420

Ion Ratio Lower Upper

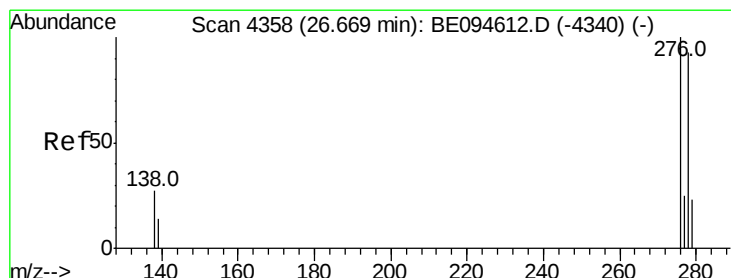
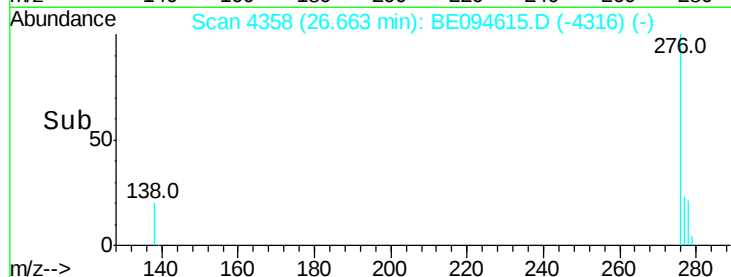
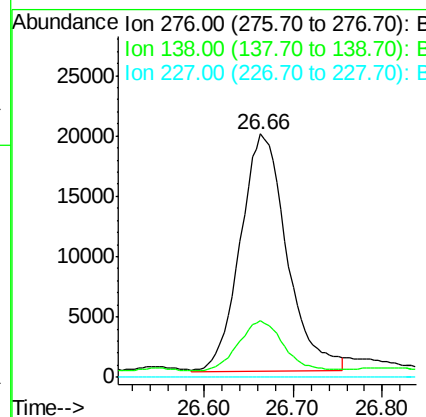
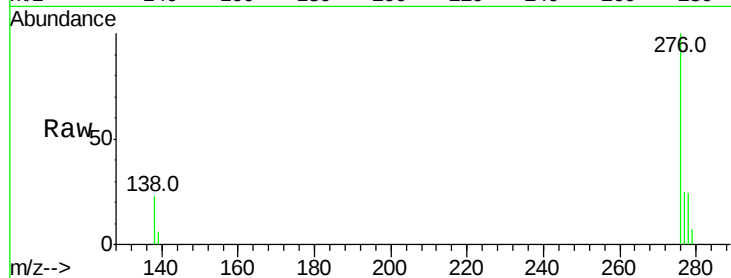
276 100

138 1.3 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.864 ng/ul m

RT: 26.65 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BE094615.D

Acq: 28 Oct 2017 10:25

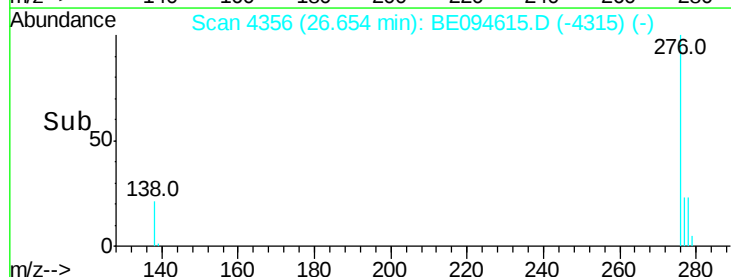
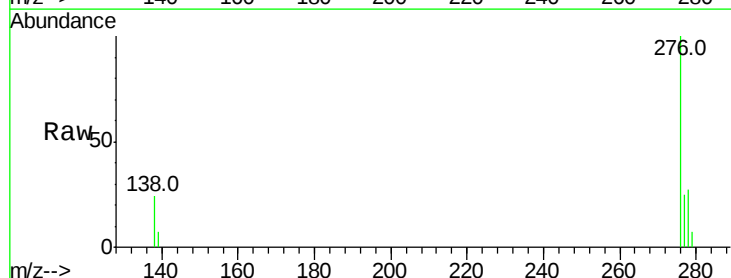
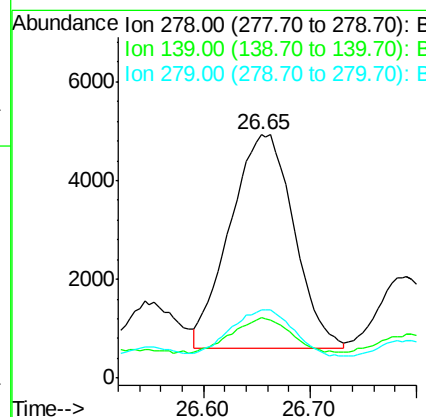
Tgt Ion:278 Resp: 18036

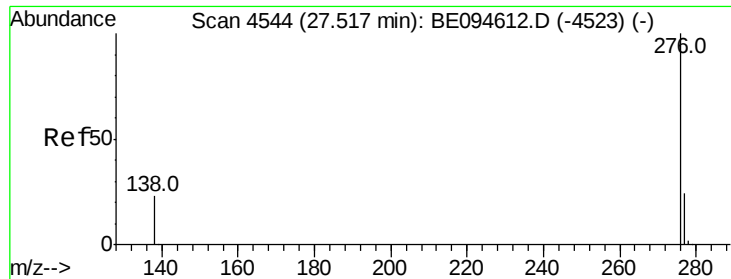
Ion Ratio Lower Upper

278 100

139 25.1 17.4 26.0

279 27.8 25.9 38.9





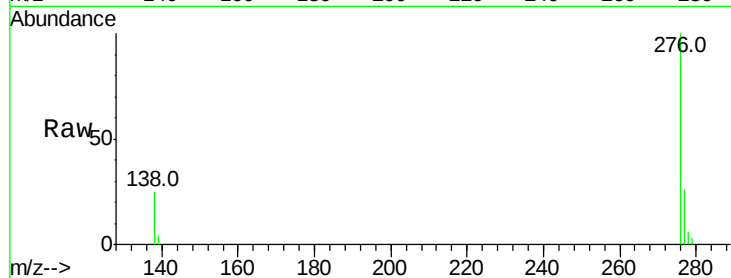
#26
 Benzo(a,h,i)perylene
 Concen: 2.696 ng/ul m
 RT: 27.51 min Scan# 4544
 Delta R.T. -0.01 min
 Lab File: BE094615.D
 Acq: 28 Oct 2017 10:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.8	32.8
277	26.5	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:37:29 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

