

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094622.D
 Acq On : 28 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I5842-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Manual Integrations
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Sohil
 10/30/2017 6:40:02 PM

Quant Time: Oct 30 03:54:42 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	1550	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5077	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10827	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10990	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10124m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3579	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	8160	0.25	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.74	128	1265	0.057	ng/ul#	88
5) 2-Methylnaphthalene	12.35	142	1070	0.069	ng/ul	97
7) Acenaphthylene	14.24	152	909	0.040	ng/ul#	75
8) Acenaphthene	14.57	153	5421	0.329	ng/ul	95
9) Fluorene	15.57	166	4702	0.254	ng/ul	95
12) Phenanthrene	17.29	178	133441	4.666	ng/ul#	90
13) Anthracene	17.38	178	18263	0.647	ng/ul#	90
15) Fluoranthene	19.31	202	381528	11.540	ng/ul	84
17) Pyrene	19.67	202	332639	9.791	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	160813	5.119	ng/ul#	87
19) Chrysene	21.46	228	177889	5.478	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	259903m	9.126	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	76971m	2.522	ng/ul	
23) Benzo(a)pyrene	23.85	252	159720m	5.611	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	93796m	3.184	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	25431m	1.025	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	69027m	2.918	ng/ul	

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

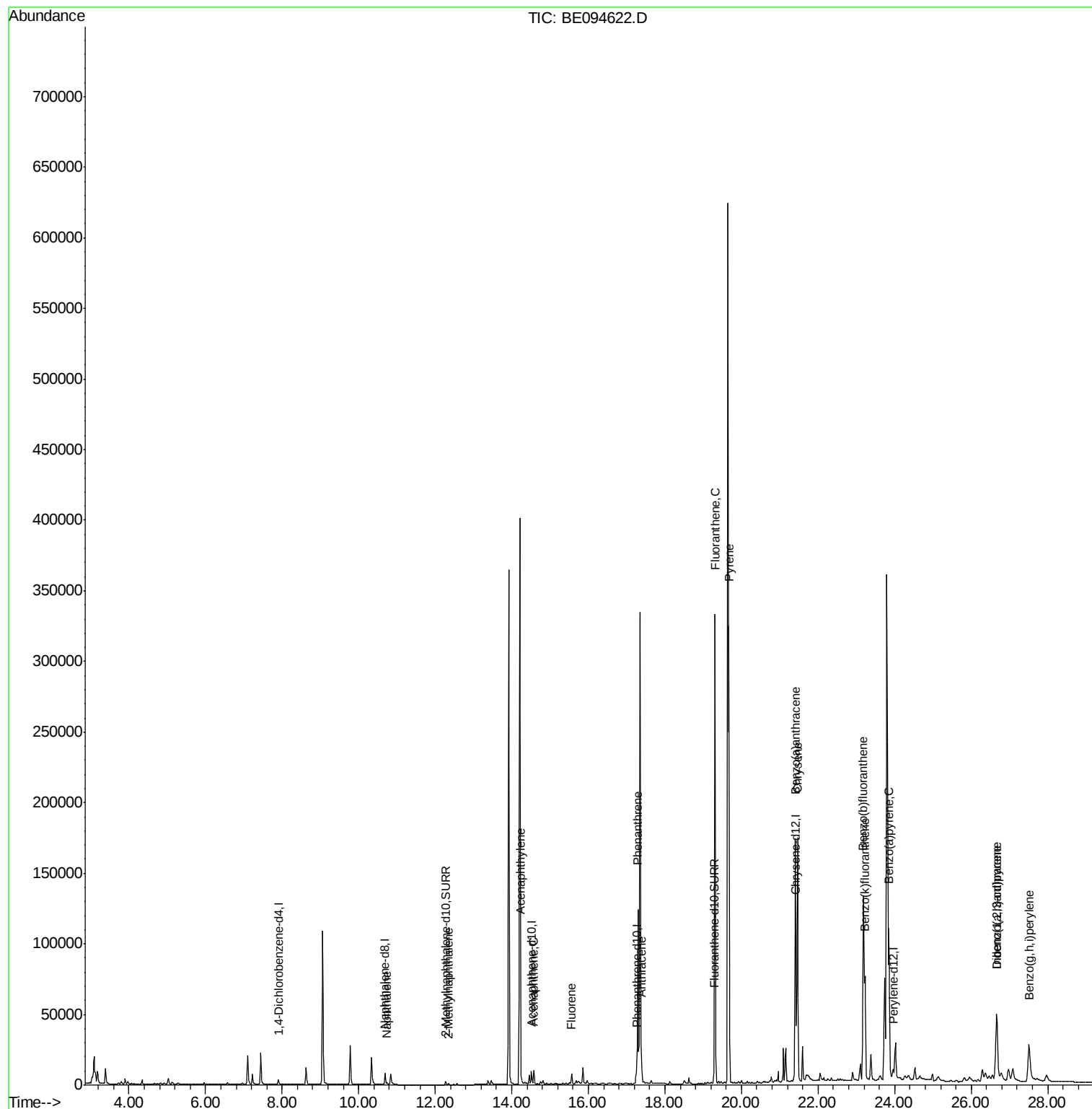
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 25 Sample Multiplier: 1

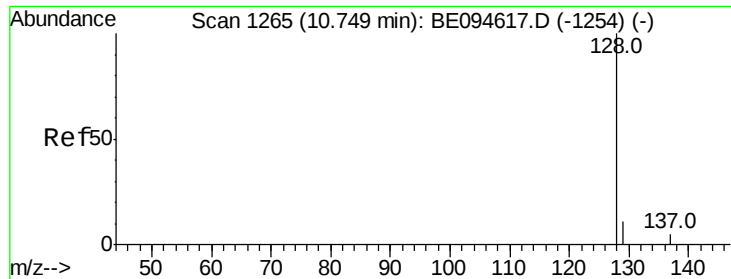
Instrument :
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C0AA5

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Quant Time: Oct 30 03:54:42 2017
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: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

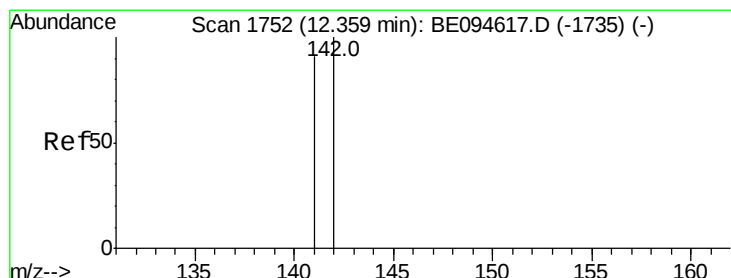
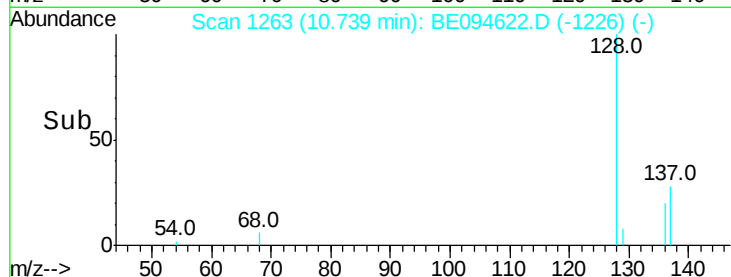
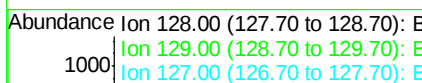
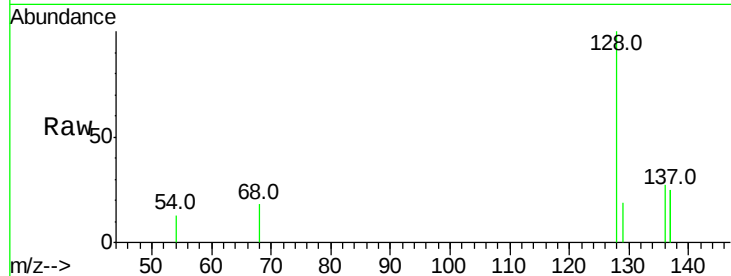
ClientSampled :

C0AA5

Tot Ion:	128	Resp:	1265
Ion Ratio	Lower	Upper	
128	100		
129	18.8	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

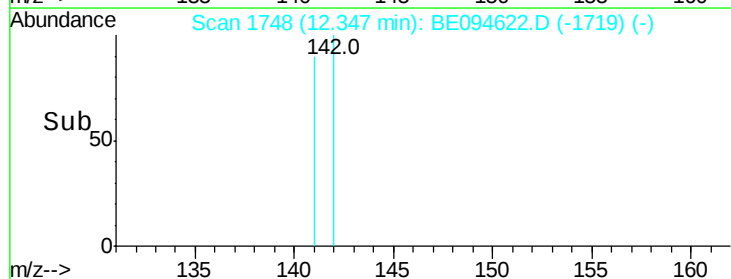
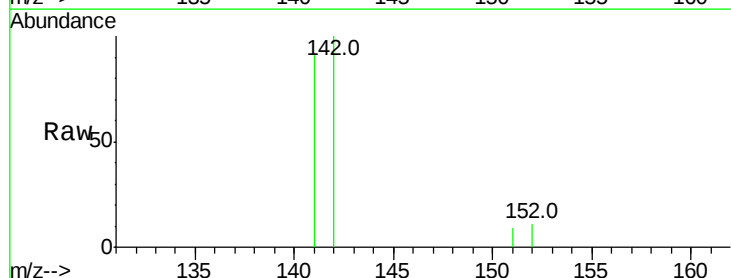
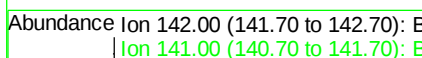
RT: 12.35 min Scan# 1748

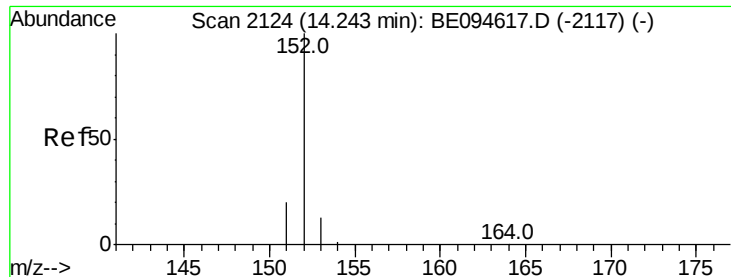
Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Tgt Ion:	142	Resp:	1070
Ion Ratio	Lower	Upper	
142	100		
141	87.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

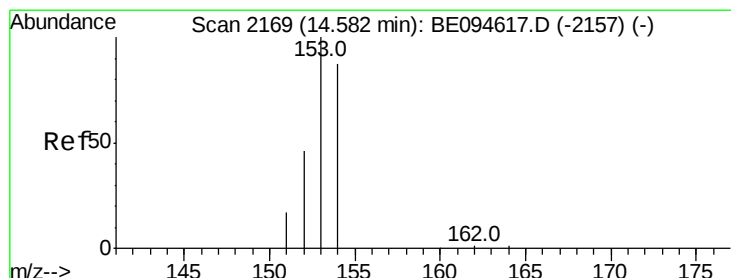
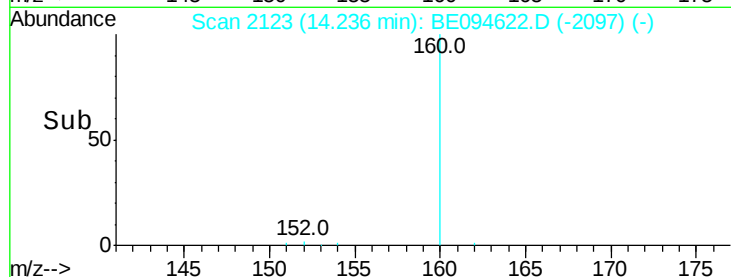
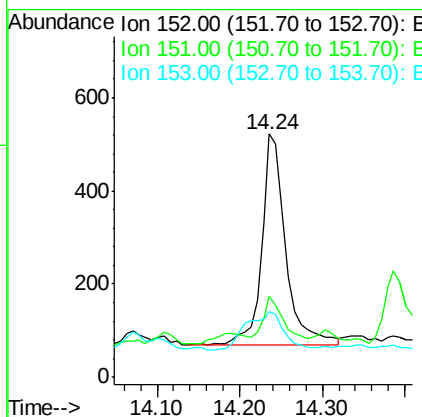
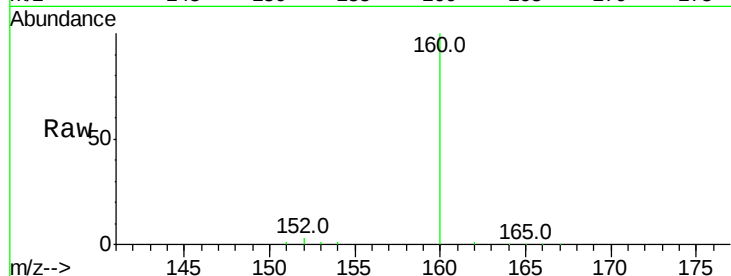
ClientSampleId :

C0AA5

Tot Ion:	152	Resp:	909
Ion Ratio	Lower	Upper	
152	100		
151	33.1	17.1	25.7#
153	26.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.329 ng/ul

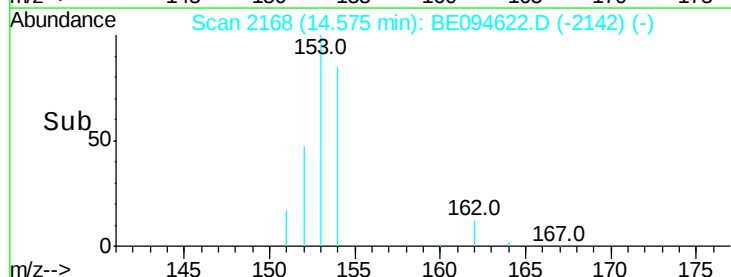
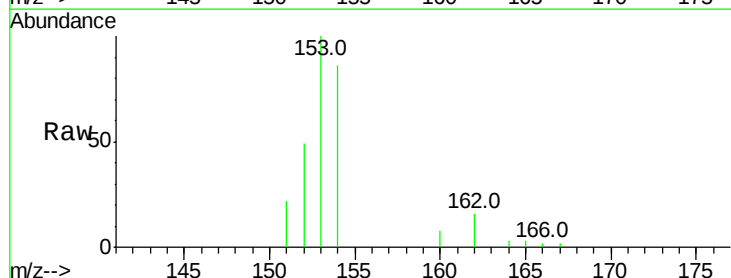
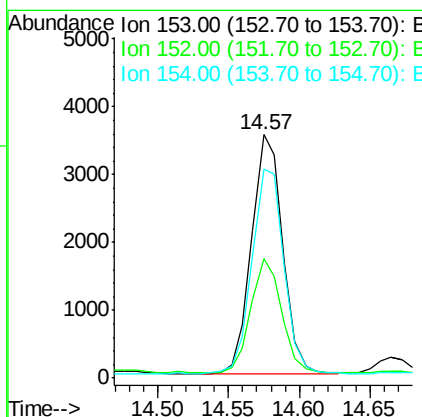
RT: 14.57 min Scan# 2168

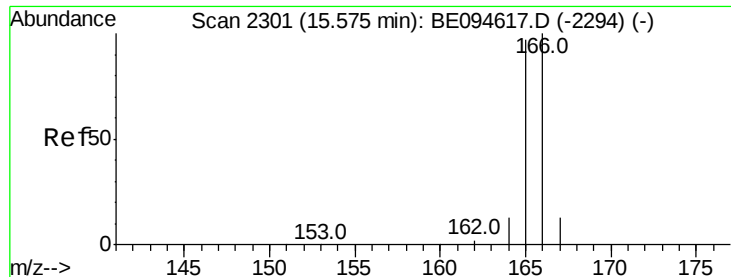
Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Tgt Ion:	153	Resp:	5421
Ion Ratio	Lower	Upper	
153	100		
152	48.9	36.0	54.0
154	85.7	72.0	108.0





#9

Fluorene

Concen: 0.254 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

Tot Ion:166 Resp: 4702

Ion Ratio Lower Upper

166 100

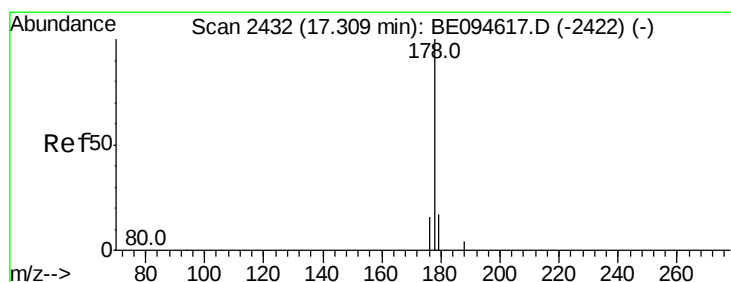
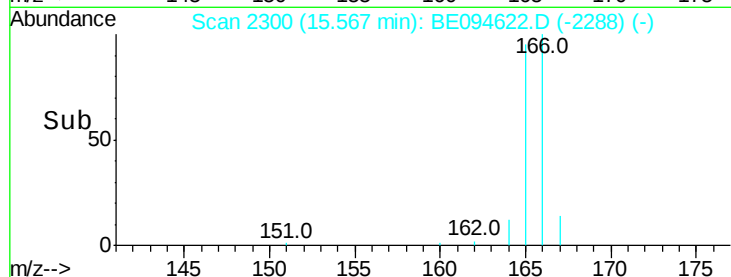
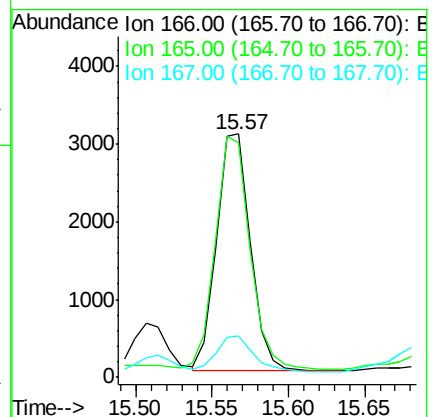
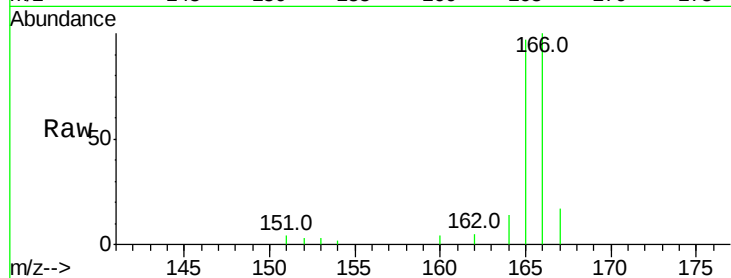
165 96.6 73.4 110.2

167 17.0 14.6 22.0

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#12

Phenanthrene

Concen: 4.666 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

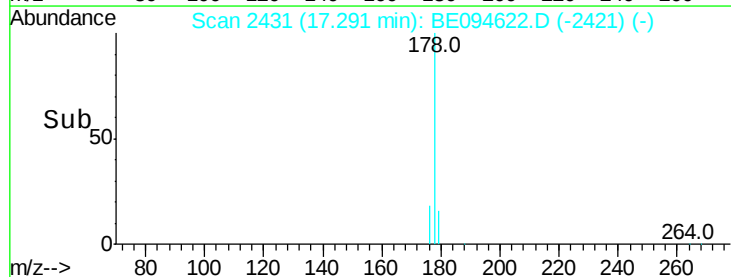
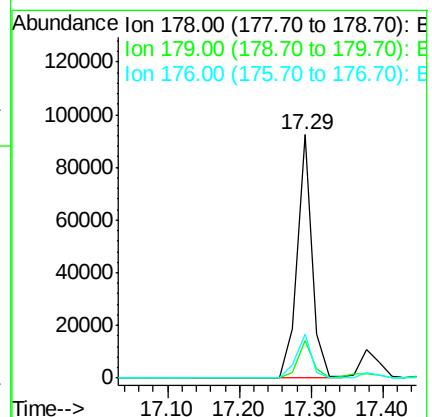
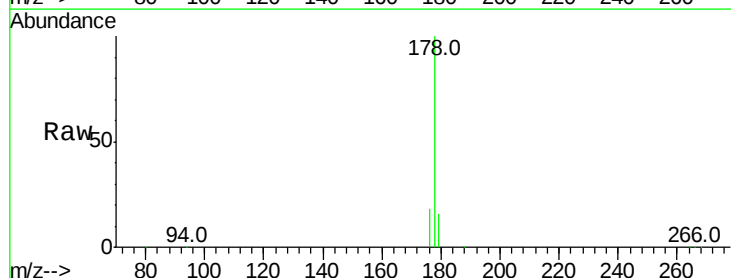
Tgt Ion:178 Resp: 133441

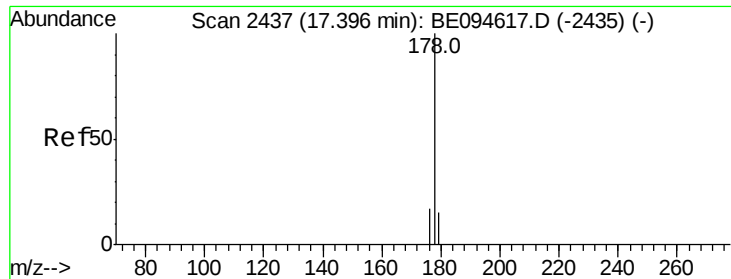
Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

176 18.2 13.6 20.4





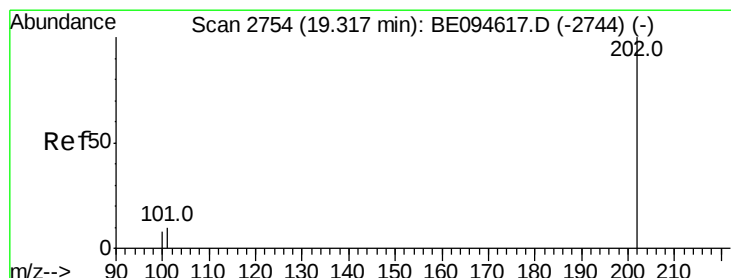
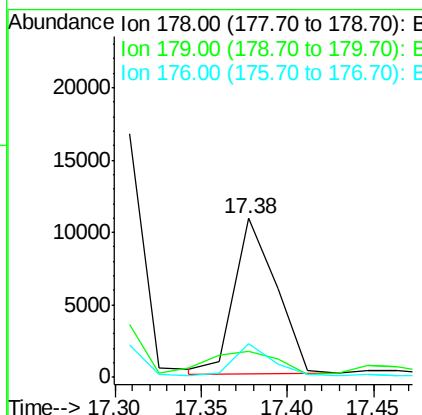
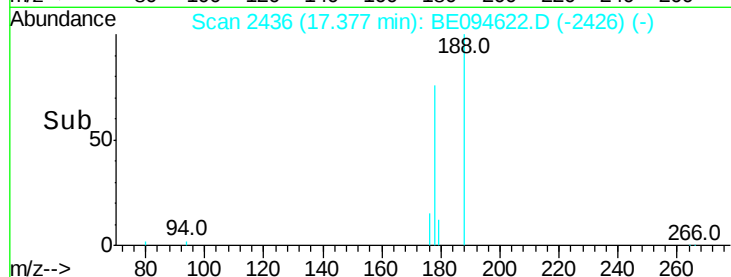
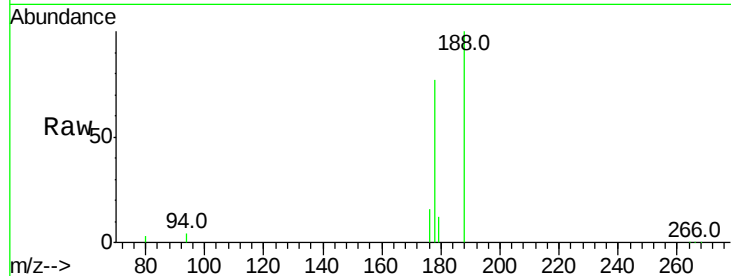
#13
 Anthracene
 Concen: 0.647 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094622.D
 Acq: 28 Oct 2017 14:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Tot Ion:178 Resp: 18263
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.1 27.1#
 176 21.0 14.7 22.1

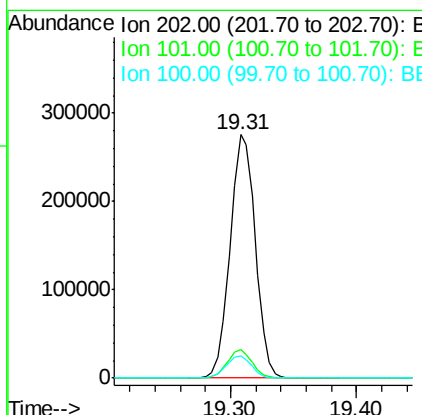
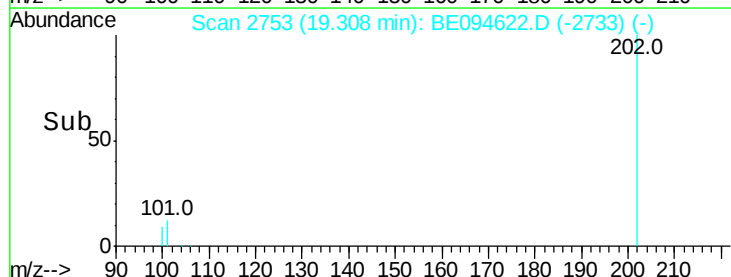
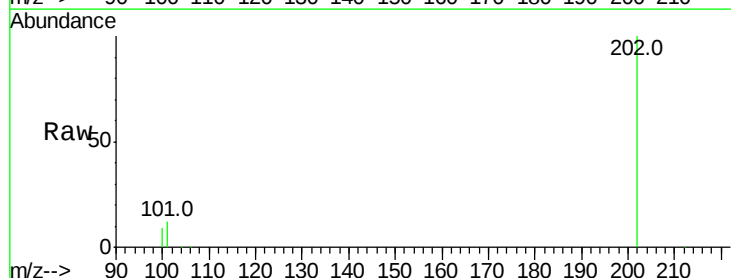
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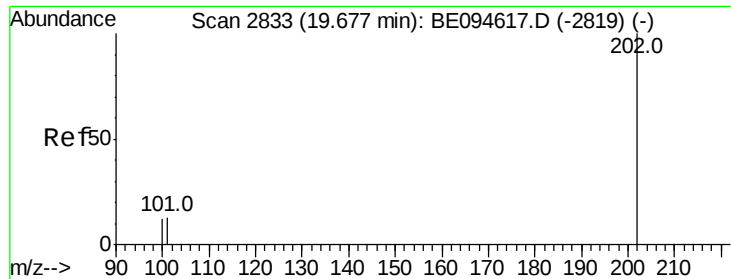
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#15
 Fluoranthene
 Concen: 11.540 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094622.D
 Acq: 28 Oct 2017 14:42

Tgt Ion:202 Resp: 381528
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.3
 100 9.2 0.0 39.5





#17

Pvrene

Concen: 9.791 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

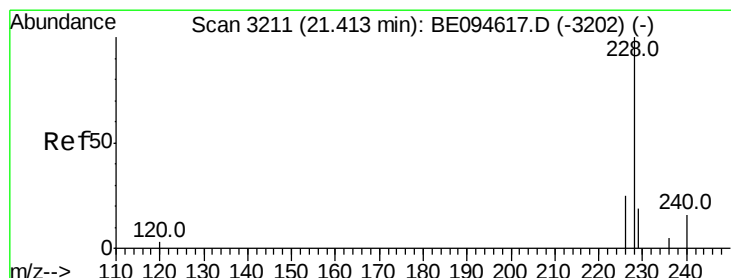
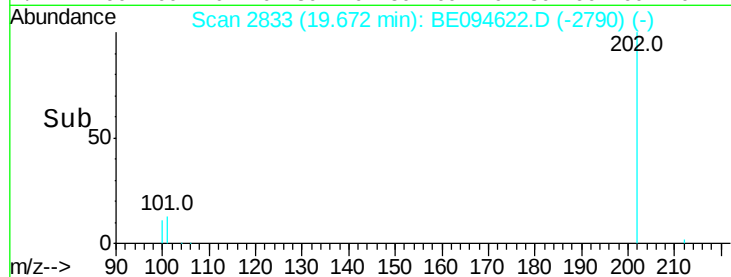
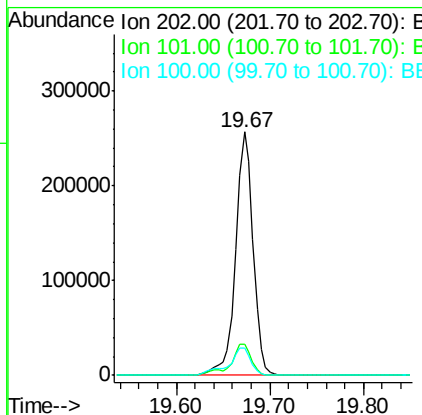
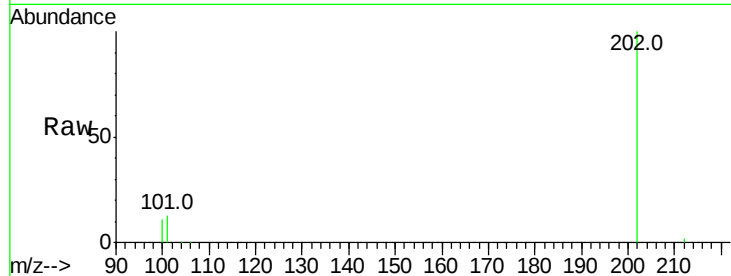
ClientSampleId :

C0AA5

Tot Ion:	202	Resp:	332639
Ion Ratio	Lower	Upper	
202	100		
101	12.9	18.2	27.4#
100	11.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 5.119 ng/ul

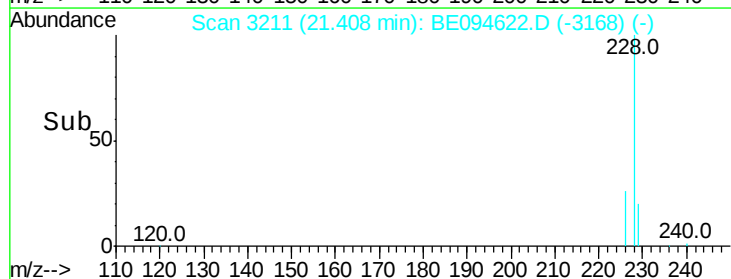
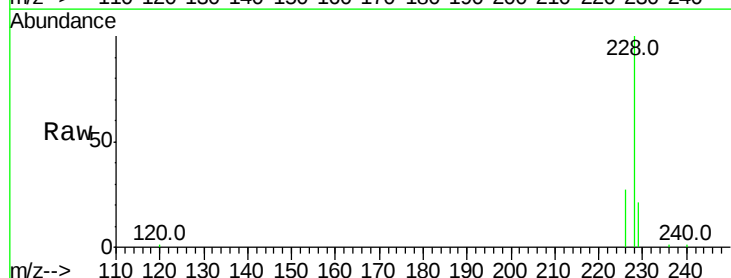
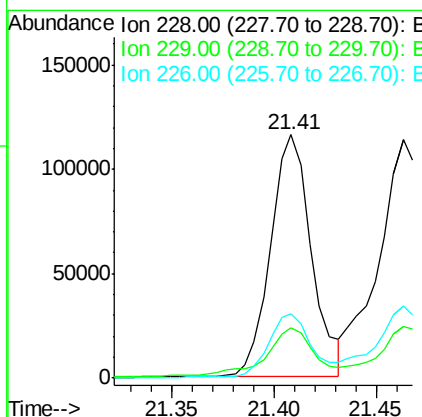
RT: 21.41 min Scan# 3211

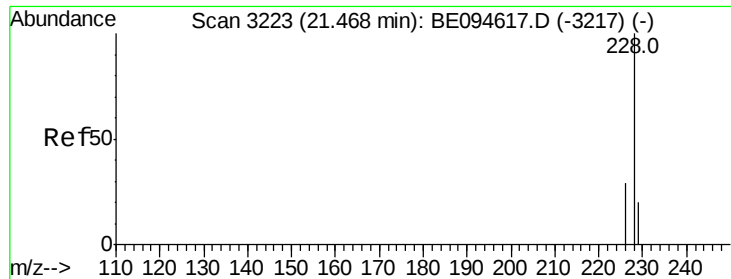
Delta R.T. -0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Tgt Ion:	228	Resp:	160813
Ion Ratio	Lower	Upper	
228	100		
229	20.9	22.8	34.2#
226	26.6	17.0	25.6#





#19

Chrysene

Concen: 5.478 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

ClientSampleId :

C0AA5

Tot Ion:228 Resp: 177889

Ion Ratio Lower Upper

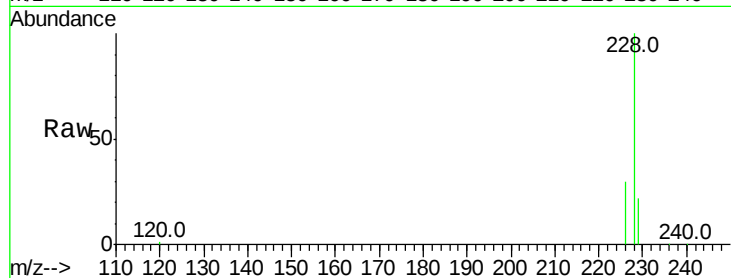
228 100

226 30.0 23.4 35.0

229 21.8 17.7 26.5

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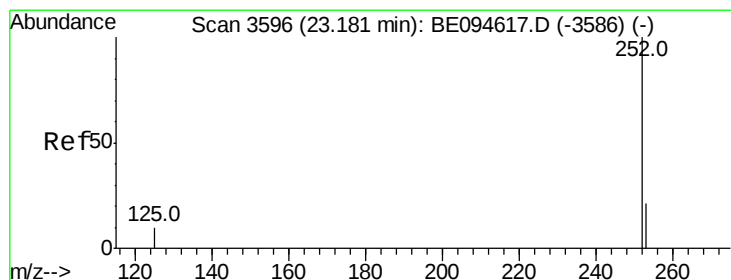
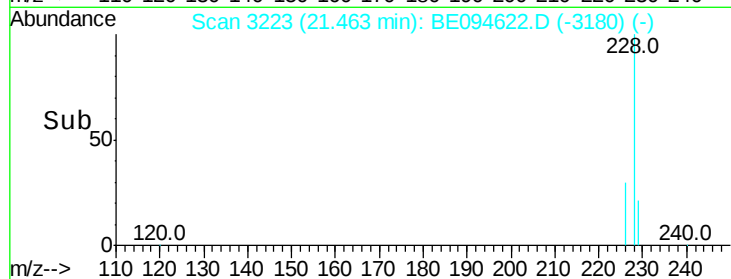
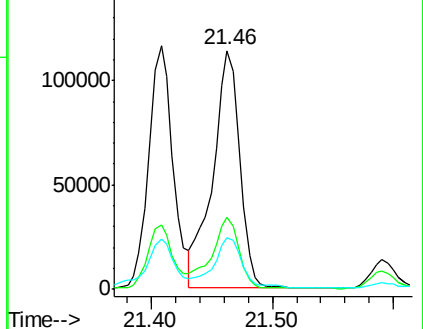
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 9.126 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

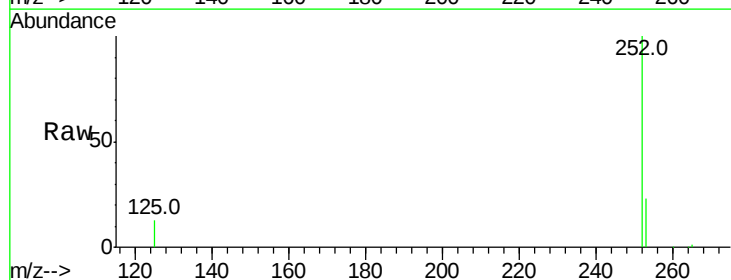
Tgt Ion:252 Resp: 259903

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

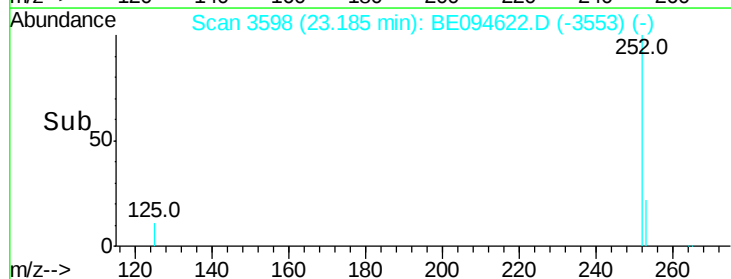
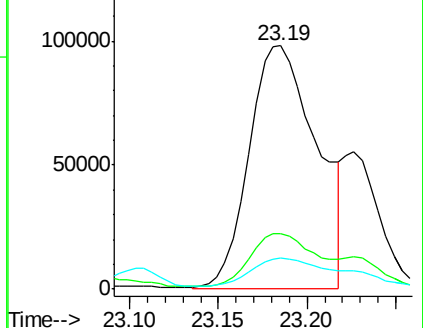
125 12.6 0.0 35.0

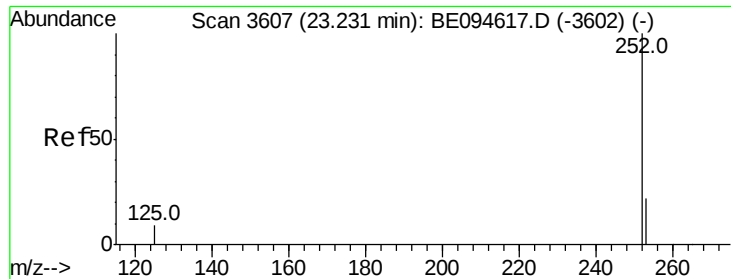


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





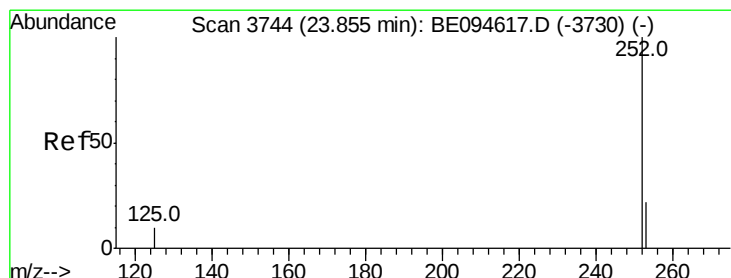
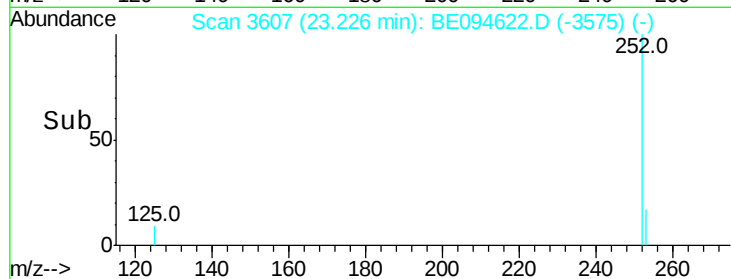
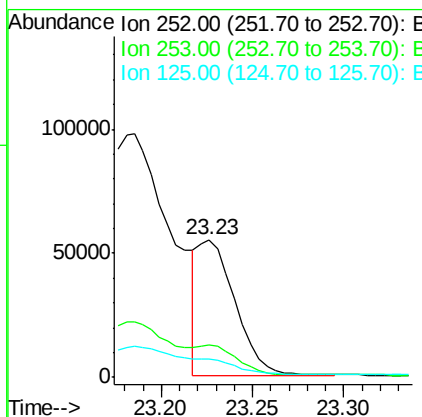
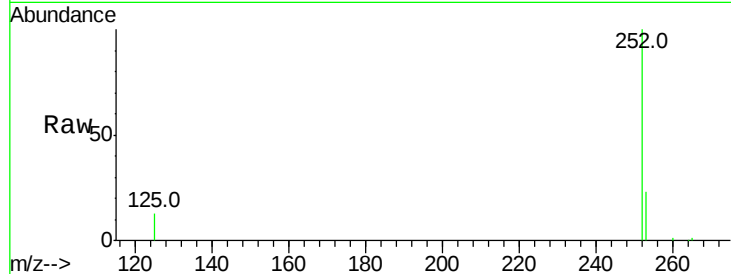
#22
Benzo(k)fluoranthene
Concen: 2.522 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.00 min
Lab File: BE094622.D
Acq: 28 Oct 2017 14:42

Instrument :
BNA_E
ClientSampleId :
C0AA5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	13.5	13.7	20.5#

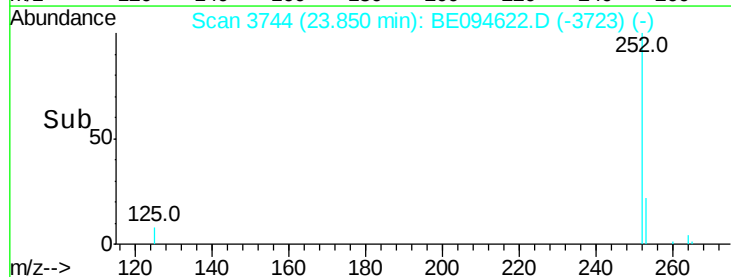
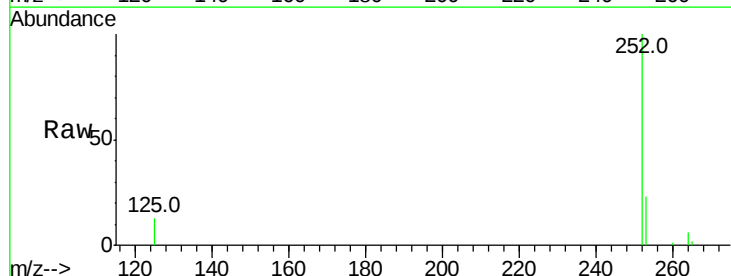
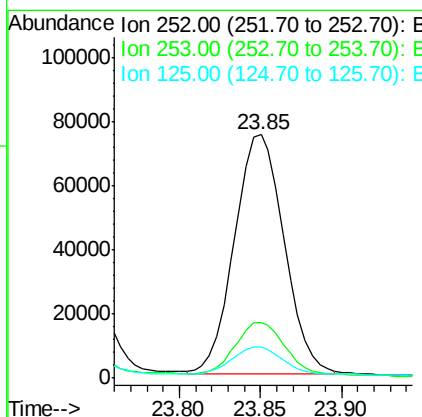
Manual Integrations
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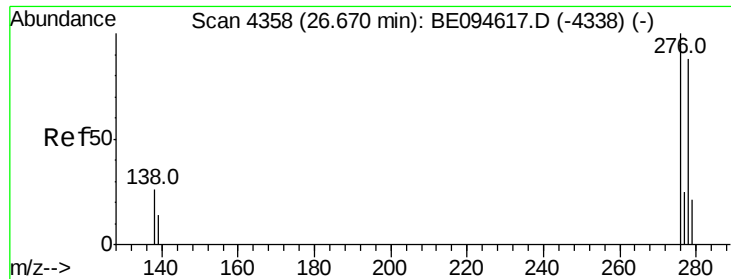
Sohil
10/30/2017 6:40:02 PM



#23
Benzo(a)pyrene
Concen: 5.611 ng/ul m
RT: 23.85 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BE094622.D
Acq: 28 Oct 2017 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	12.5	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.184 ng/ul m

RT: 26.67 min Scan# 4359

Delta R.T. 0.00 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Instrument :

BNA_E

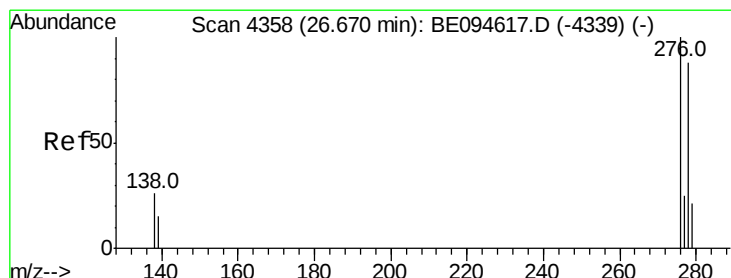
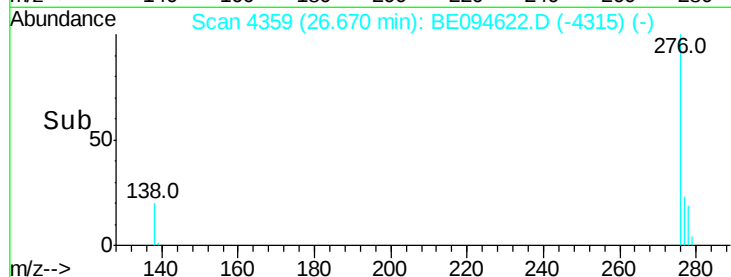
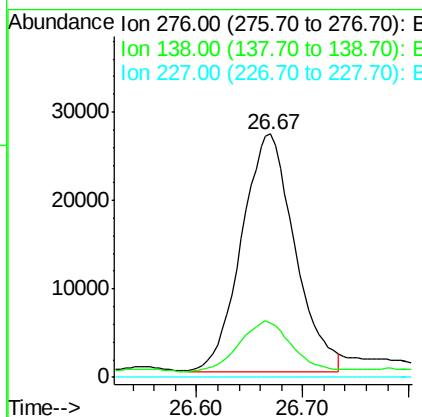
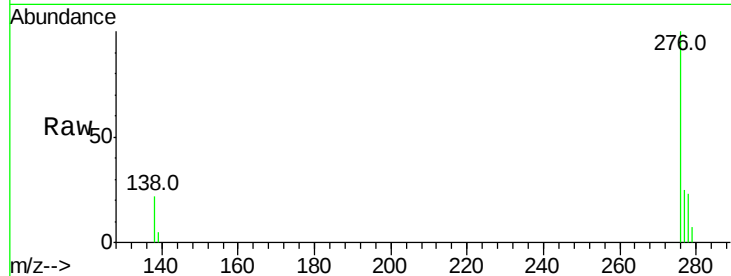
ClientSampleId :

C0AA5

Tot Ion:	276	Resp:	93796
Ion Ratio	Lower	Upper	
276	100		
138	1.1	28.0	42.0#
227	0.0	8.0	12.0#

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#25

Dibenzo(a,h)anthracene

Concen: 1.025 ng/ul m

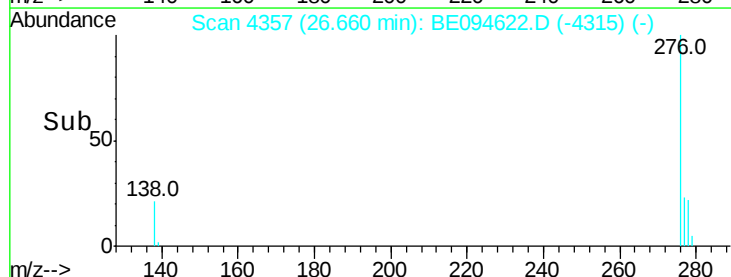
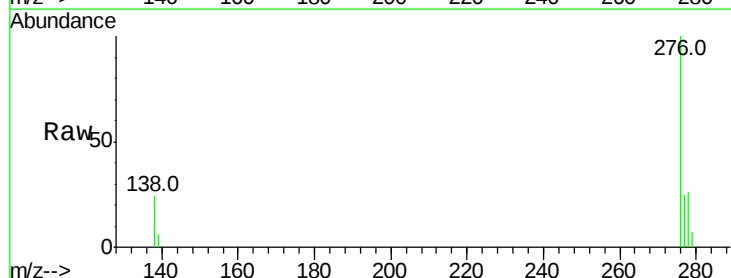
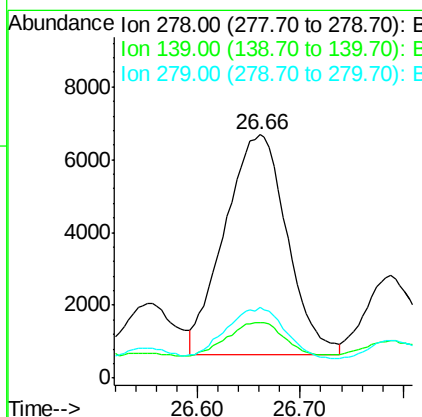
RT: 26.66 min Scan# 4357

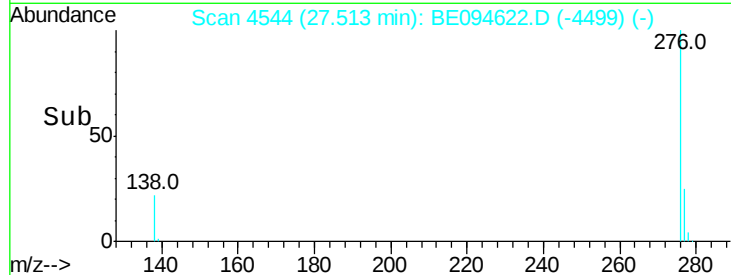
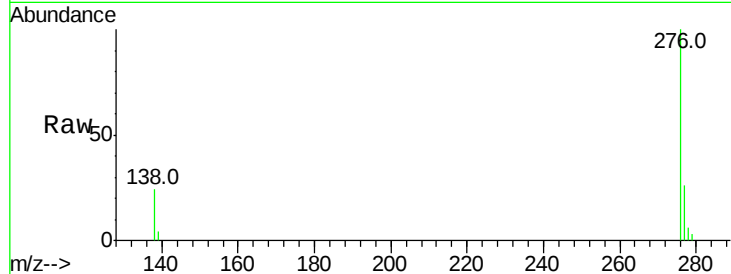
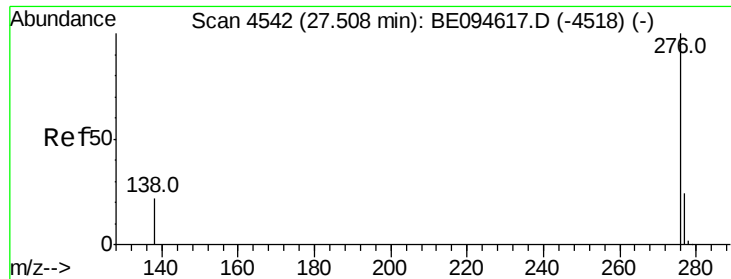
Delta R.T. -0.01 min

Lab File: BE094622.D

Acq: 28 Oct 2017 14:42

Tgt Ion:	278	Resp:	25431
Ion Ratio	Lower	Upper	
278	100		
139	22.9	17.4	26.0
279	29.0	25.9	38.9





#26
Benzo(a,h,i)perylene
Concen: 2.918 ng/ul m
RT: 27.51 min Scan# 4544
Delta R.T. 0.00 min
Lab File: BE094622.D
Acq: 28 Oct 2017 14:42

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.8	32.8
277	26.3	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations
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Sohil
10/30/2017 6:40:02 PM

