

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094586.D
 Acq On : 27 Oct 2017 9:07
 Operator : SJ/JU
 Sample : I5786-03MSD 5X

Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-38(FILL)_100917MSD

Manual Integrations
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Quant Time: Oct 27 10:26:14 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1567	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9364	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11822	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11591	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11973	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	620	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1449	0.04	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	11696	0.511	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	4753	0.297	ng/ul	99
7) Acenaphthylene	14.24	152	44824	1.907	ng/ul	96
8) Acenaphthene	14.58	153	74455	4.409	ng/ul	99
9) Fluorene	15.57	166	15508	0.818	ng/ul	94
11) Pentachlorophenol	16.95	266	6174m	10.459	ng/ul	
12) Phenanthrene	17.29	178	373872	11.973	ng/ul#	87
13) Anthracene	17.38	178	99686	3.235	ng/ul#	88
15) Fluoranthene	19.32	202	897911	24.872	ng/ul	83
17) Pyrene	19.68	202	974928	27.208	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	534949	16.144	ng/ul#	87
19) Chrysene	21.47	228	489361	14.288	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	679213m	20.167	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	279953m	7.757	ng/ul	
23) Benzo(a)pyrene	23.85	252	490336	14.565	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.68	276	344038	9.876	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	89470	3.048	ng/ul	98
26) Benzo(g,h,i)perylene	27.51	276	253775	9.072	ng/ul	96

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

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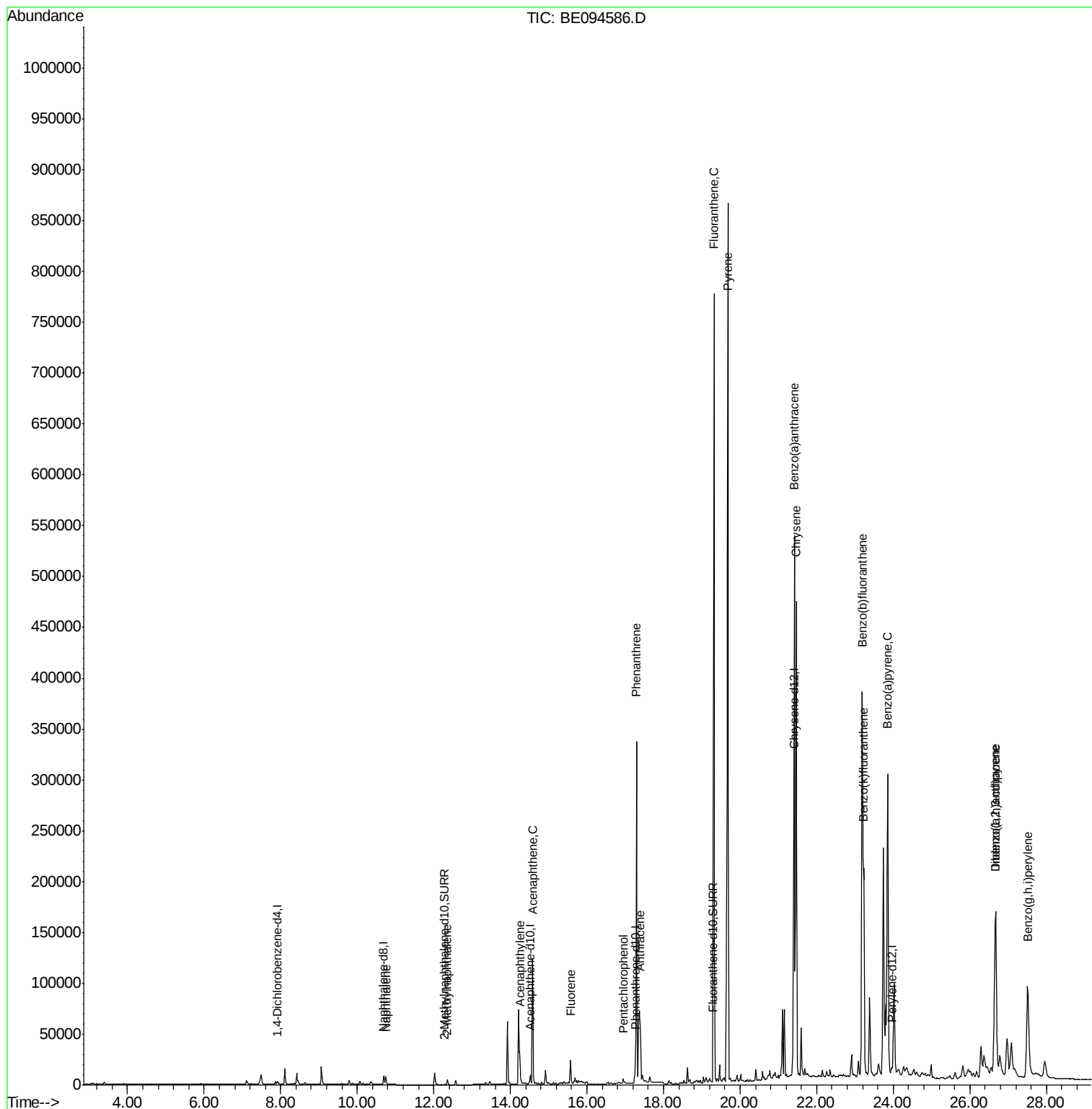
Misc :
ALS Vial : 29 Sample Multiplier: 1

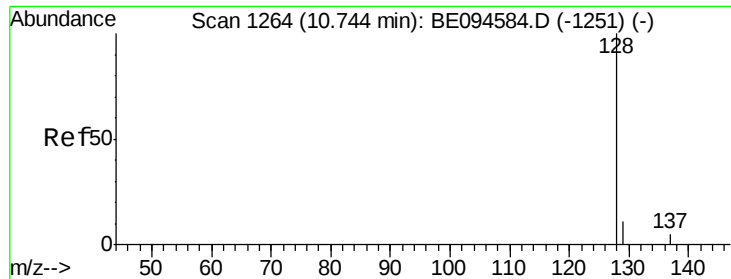
Quant Time: Oct 27 10:26:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 0.511 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Instrument :

BNA_E

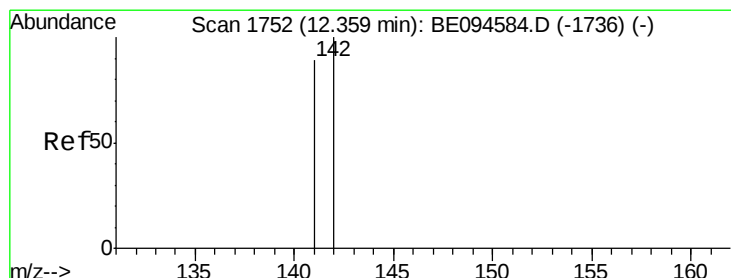
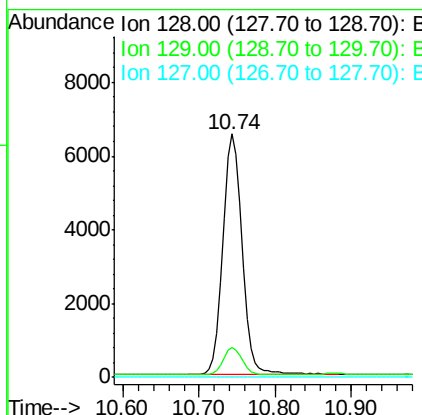
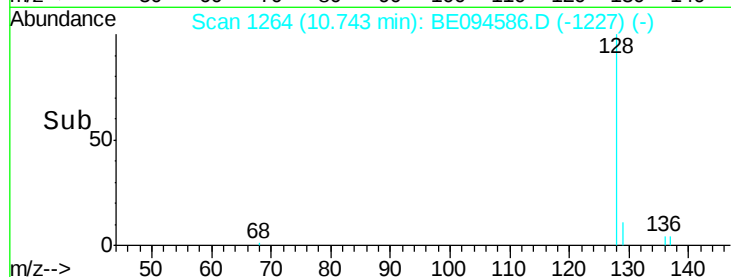
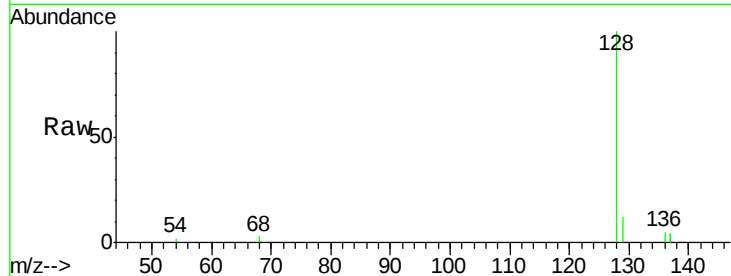
ClientSampleId :

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Tgt Ion:	128	Resp:	11696
Ion Ratio	Lower	Upper	
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.297 ng/ul

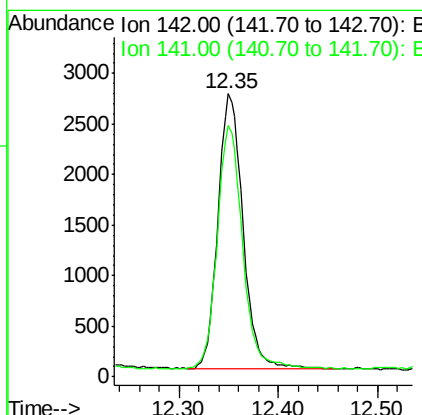
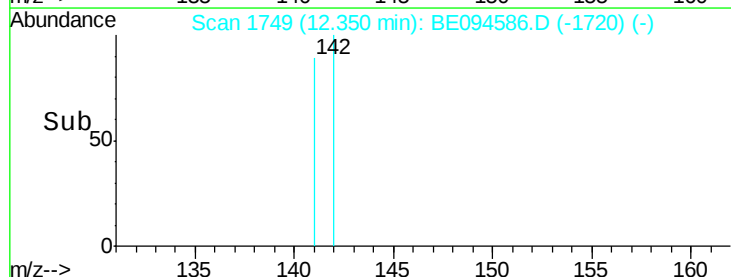
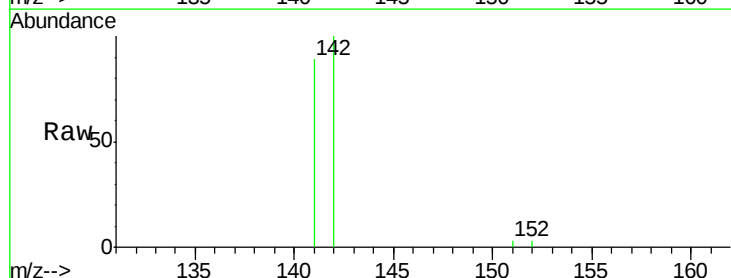
RT: 12.35 min Scan# 1749

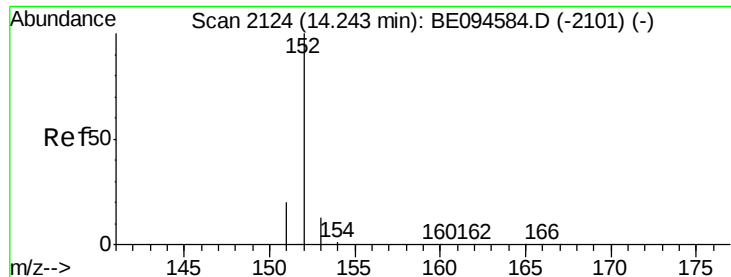
Delta R.T. -0.01 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Tgt Ion:	142	Resp:	4753
Ion Ratio	Lower	Upper	
142	100		
141	90.0	72.6	108.8





#7

Acenaphthylene

Concen: 1.907 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Instrument :

BNA_E

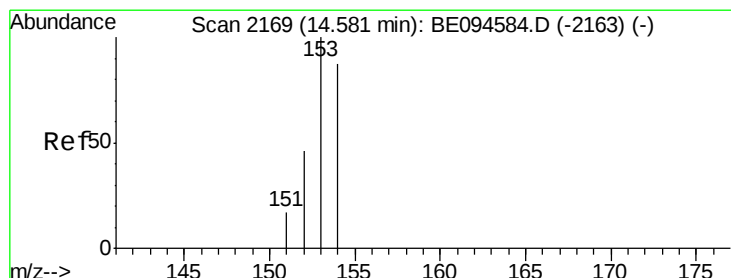
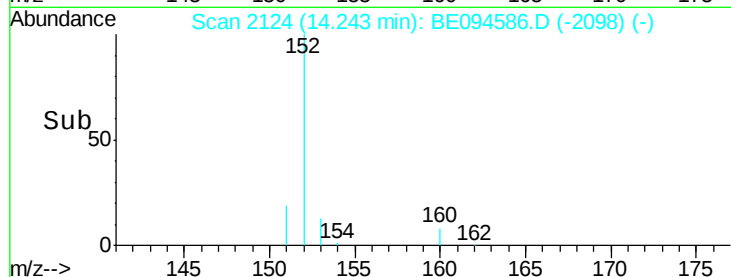
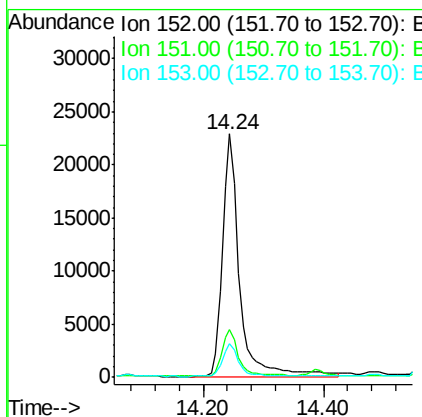
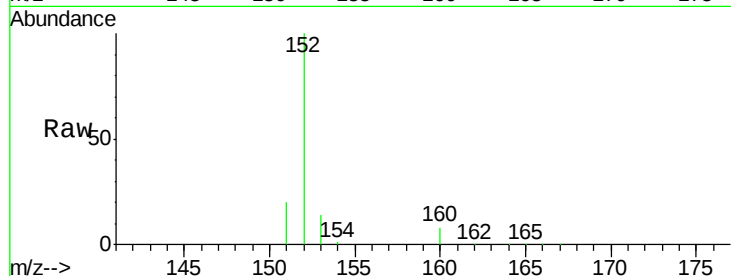
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Tgt Ion:	152	Resp:	44824
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.1	25.7
153	13.7	12.8	19.2

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#8

Acenaphthene

Concen: 4.409 ng/ul

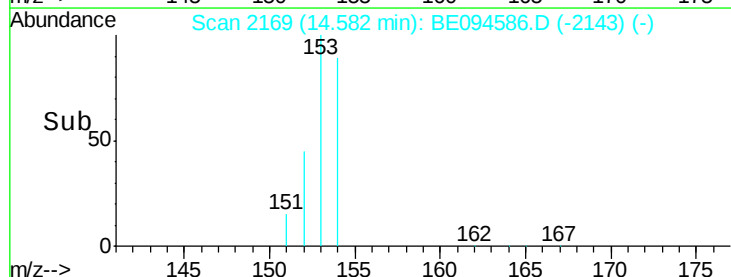
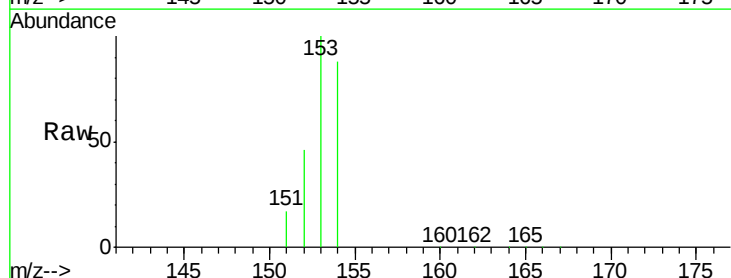
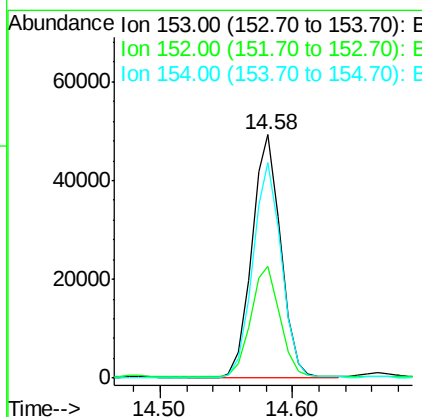
RT: 14.58 min Scan# 2169

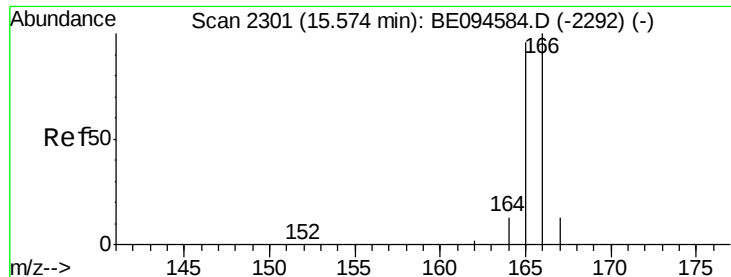
Delta R.T. -0.01 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Tgt Ion:	153	Resp:	74455
Ion Ratio	Lower	Upper	
153	100		
152	45.8	36.0	54.0
154	88.4	72.0	108.0





#9

Fluorene

Concen: 0.818 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Instrument :

BNA_E

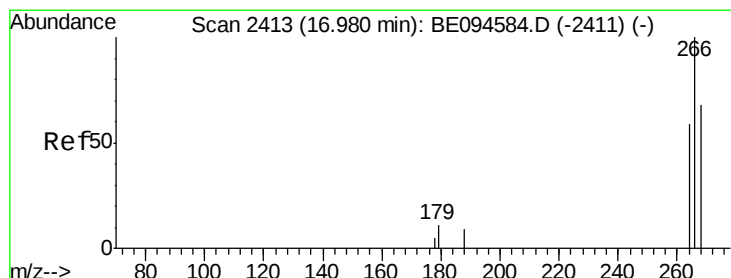
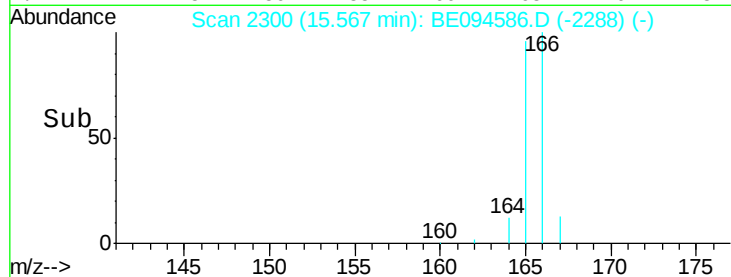
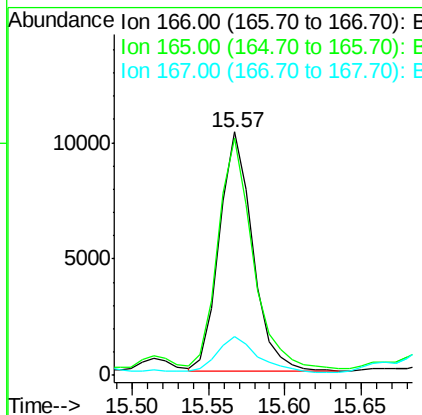
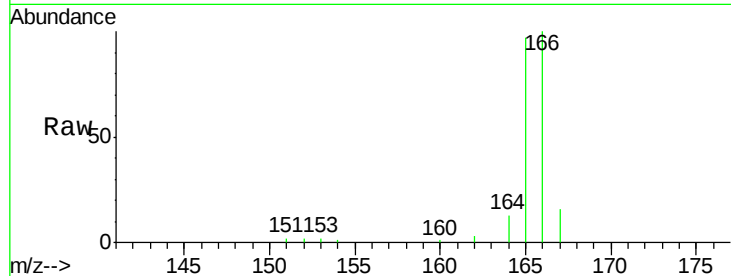
ClientSampleId :

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Tgt Ion:	166	Resp:	15508
Ion Ratio	Lower	Upper	
166	100		
165	97.5	73.4	110.2
167	15.9	14.6	22.0

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#11

Pentachlorophenol

Concen: 10.459 ng/ul m

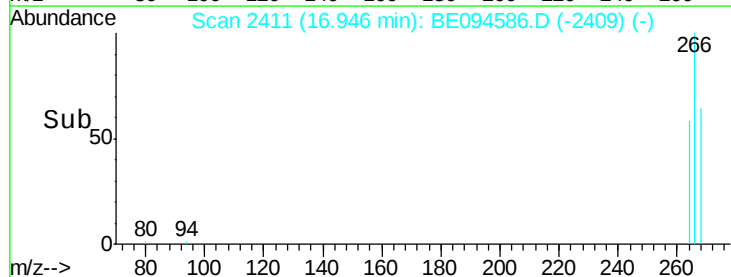
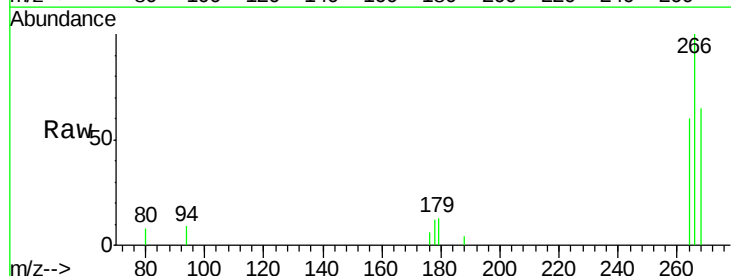
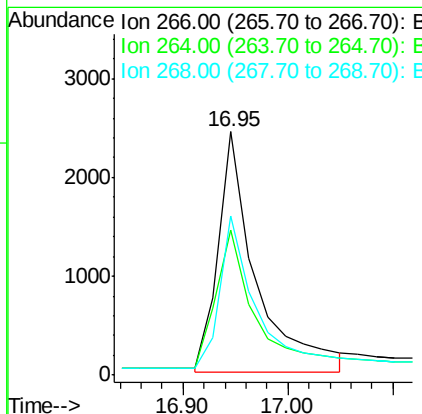
RT: 16.95 min Scan# 2411

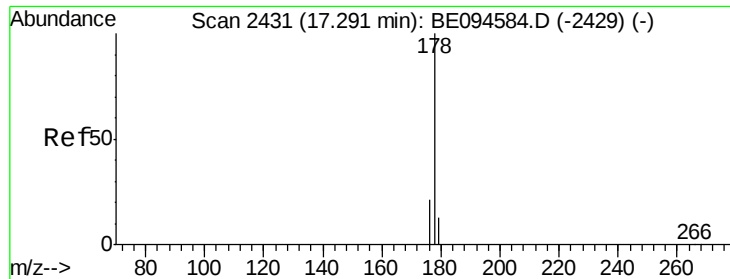
Delta R.T. -0.07 min

Lab File: BE094586.D

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Tgt Ion:	266	Resp:	6174
Ion Ratio	Lower	Upper	
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#





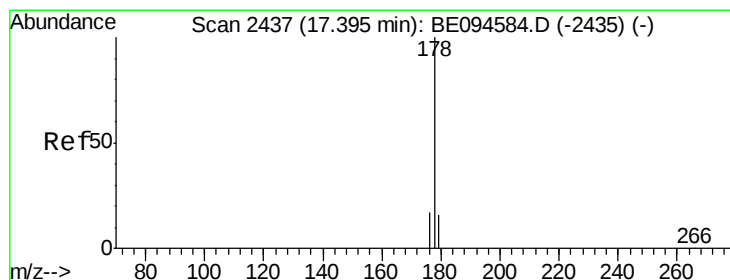
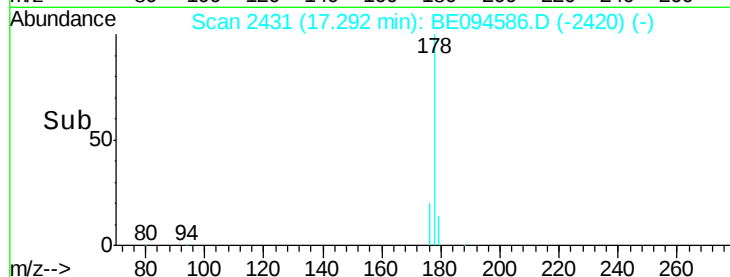
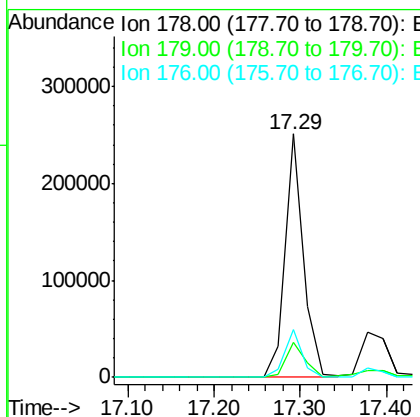
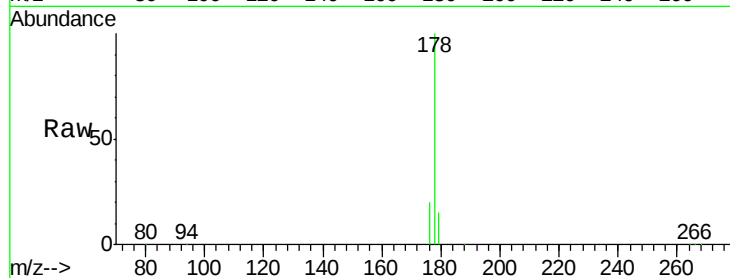
#12
Phenanthrene
Concen: 11.973 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	19.6	13.6	20.4

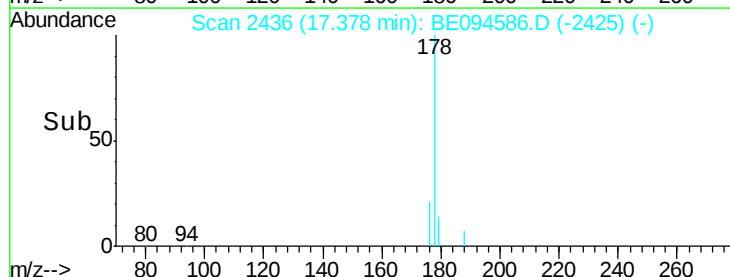
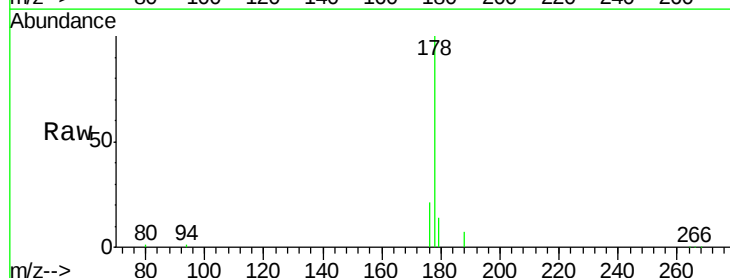
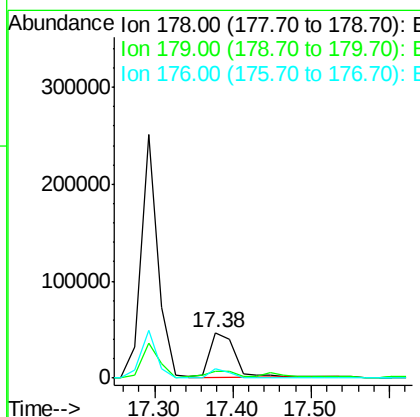
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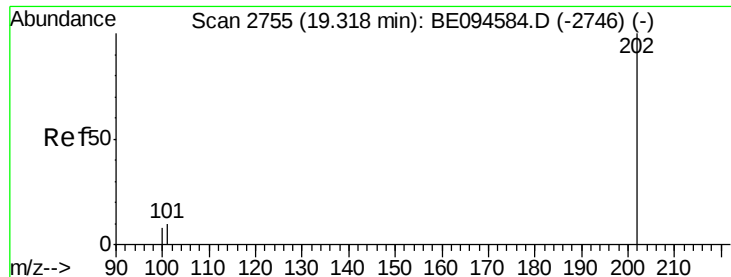
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#13
Anthracene
Concen: 3.235 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.1	27.1#
176	21.2	14.7	22.1





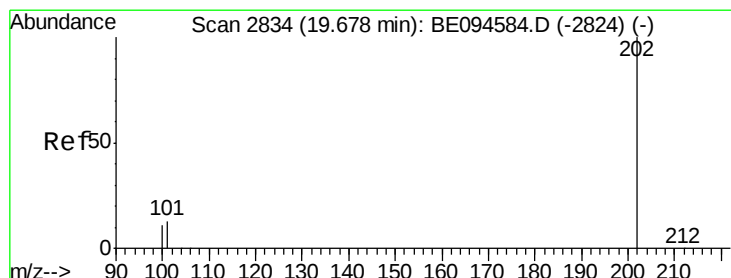
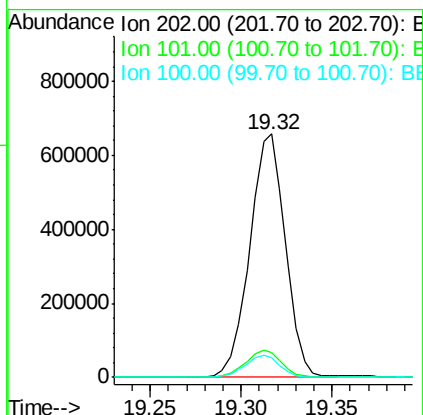
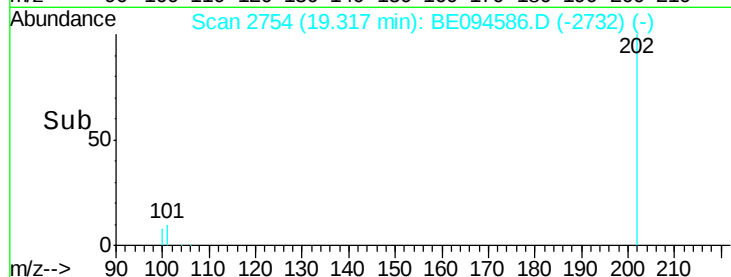
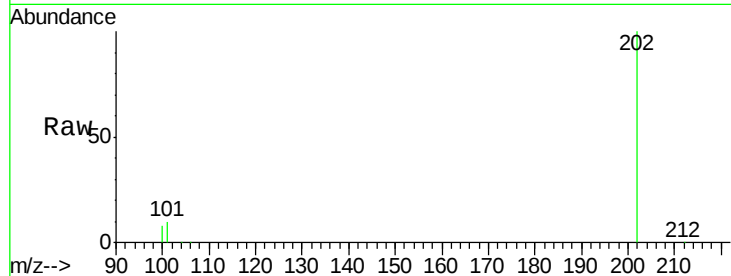
#15
Fluoranthene
 Concen: 24.872 ng/ul
 RT: 19.32 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094586.D
 Acq: 27 Oct 2017 9:07

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	0.0	30.3
100	7.8	0.0	39.5

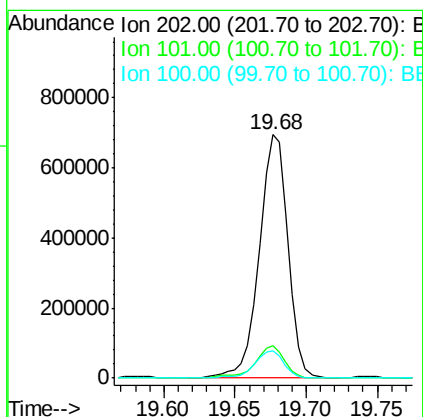
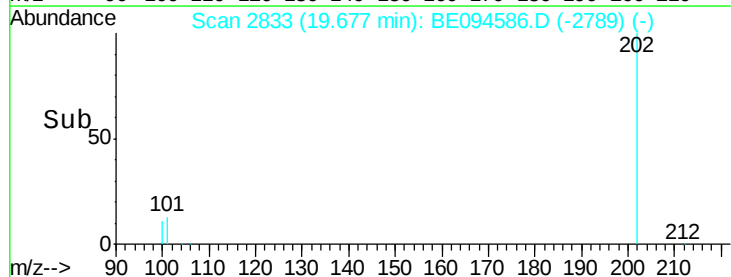
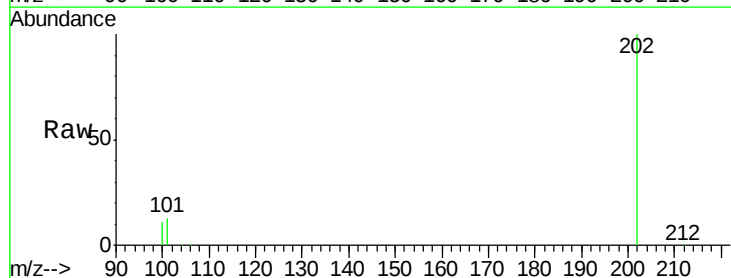
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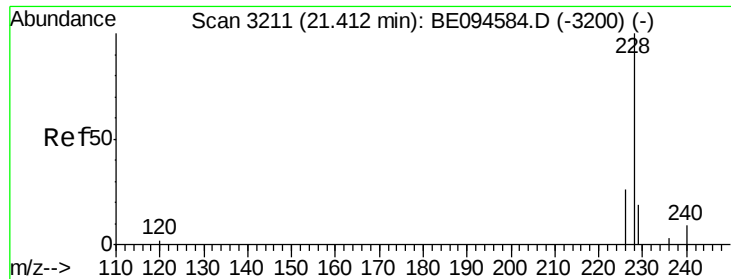
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#17
Pyrene
 Concen: 27.208 ng/ul
 RT: 19.68 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094586.D
 Acq: 27 Oct 2017 9:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	18.2	27.4#
100	11.3	15.6	23.4#





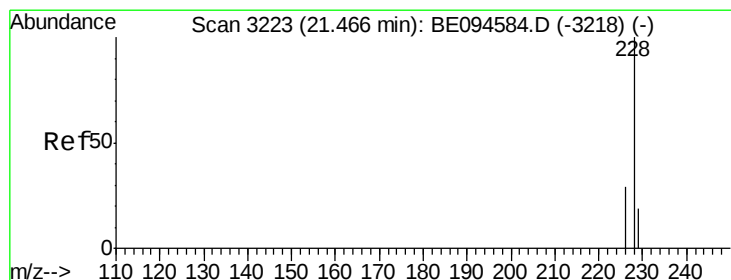
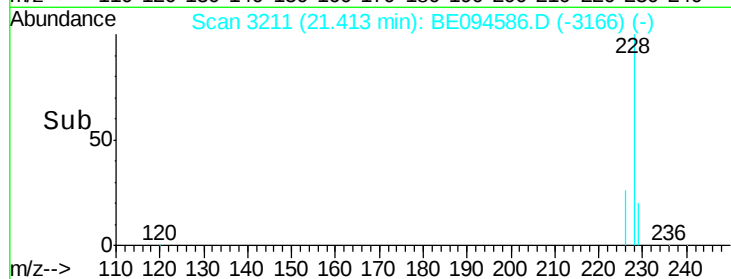
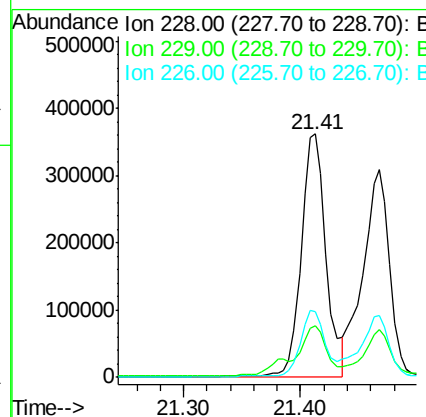
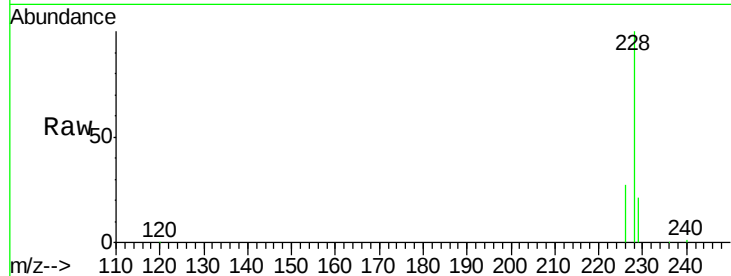
#18
Benzo(a)anthracene
Concen: 16.144 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

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Tgt	Ion	Ratio	Lower	Upper
228	100			
229	21.1	22.8	34.2#	
226	26.7	17.0	25.6#	

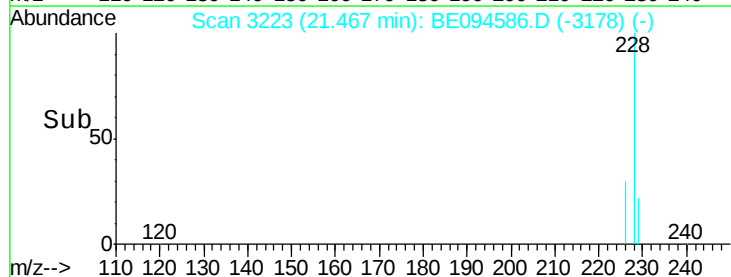
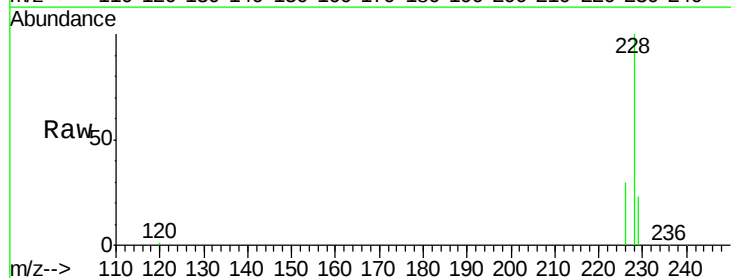
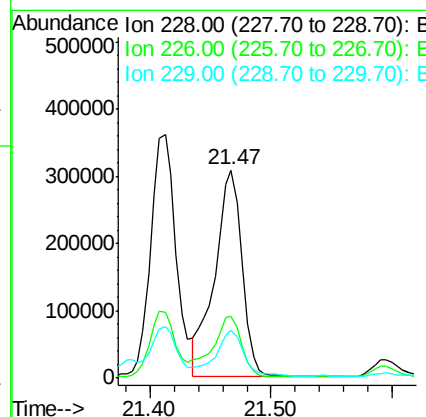
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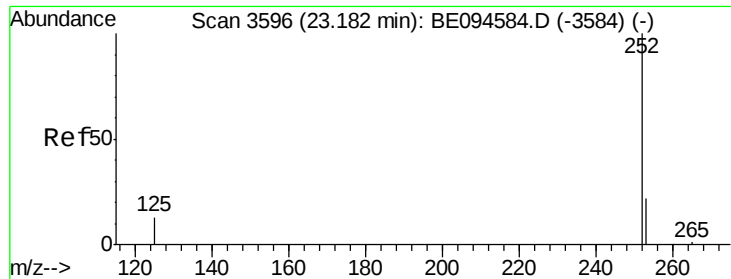
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#19
Chrysene
Concen: 14.288 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Tgt	Ion	Ratio	Lower	Upper
228	100			
226	30.0	23.4	35.0	
229	22.7	17.7	26.5	





#21

Benzo(b)fluoranthene

Concen: 20.167 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. 0.01 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Instrument :

BNA_E

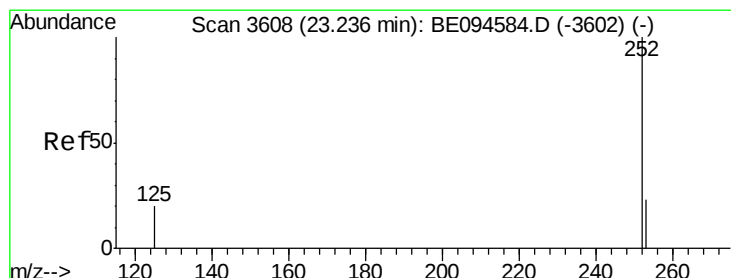
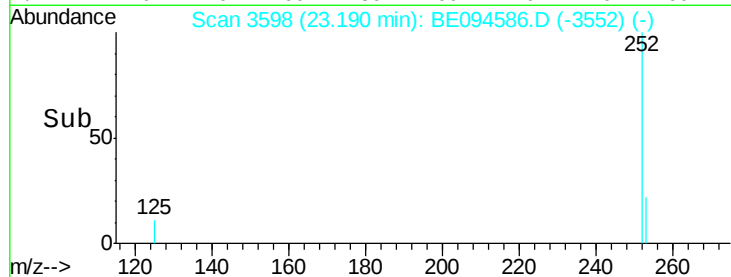
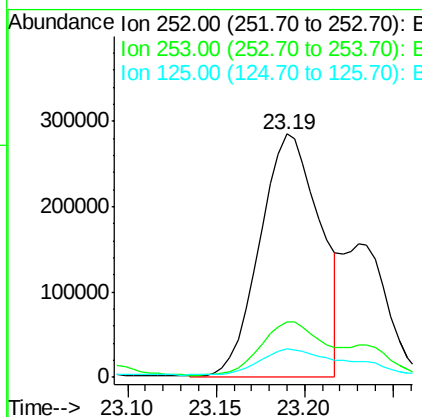
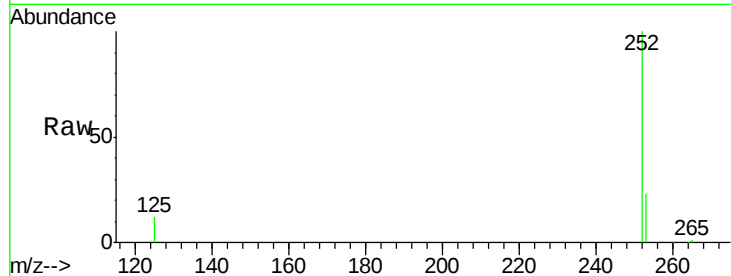
ClientSampleId :

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Tgt Ion:	252	Resp:	679213
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	11.6	0.0	35.0

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 7.757 ng/ul m

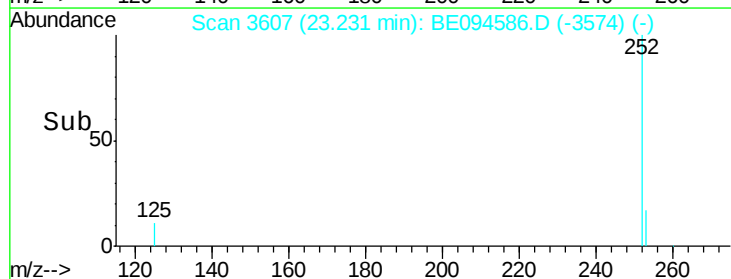
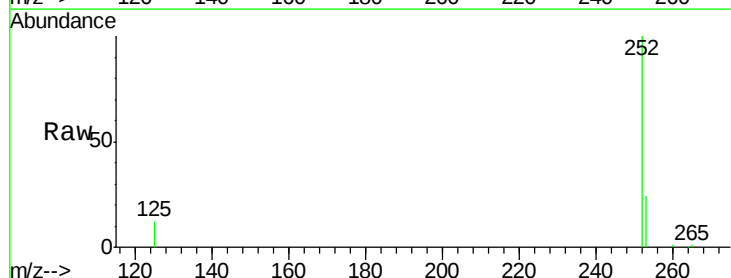
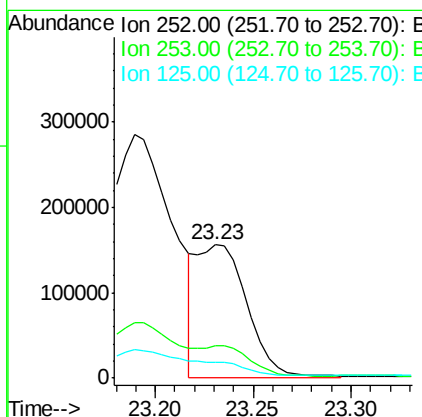
RT: 23.23 min Scan# 3607

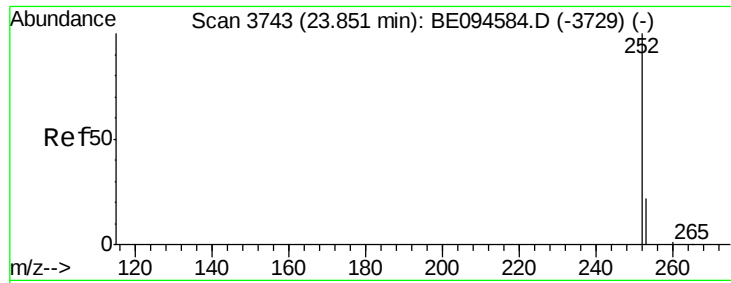
Delta R.T. -0.00 min

Lab File: BE094586.D

Acq: 27 Oct 2017 9:07

Tgt Ion:	252	Resp:	279953
Ion Ratio	Lower	Upper	
252	100		
253	24.0	24.5	36.7#
125	12.3	13.7	20.5#





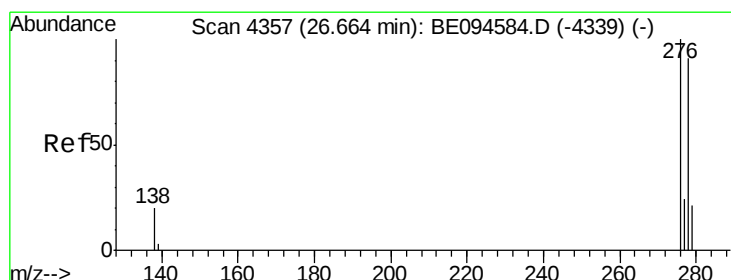
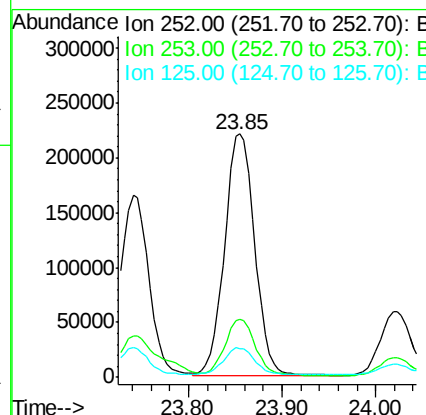
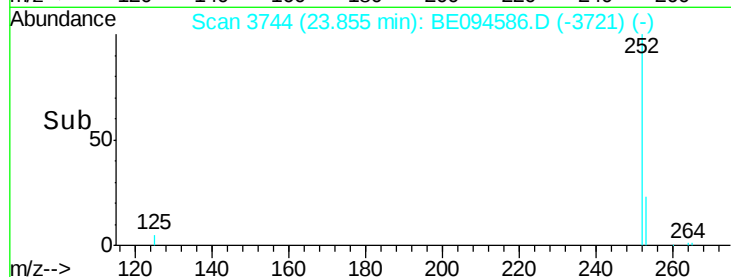
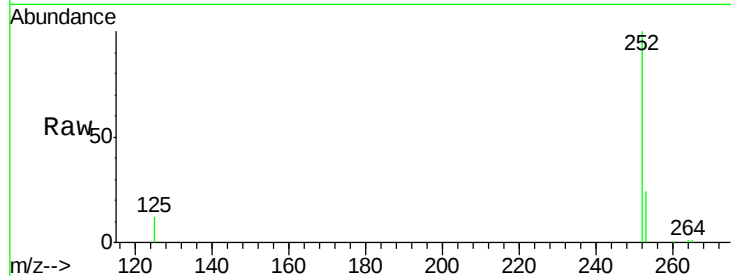
#23
Benzo(a)pyrene
Concen: 14.565 ng/u1
RT: 23.85 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.0	28.5	42.7#
125	12.0	18.1	27.1#

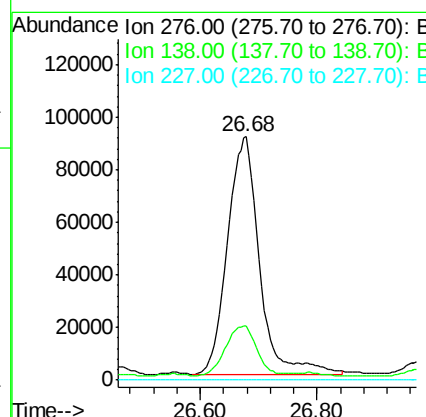
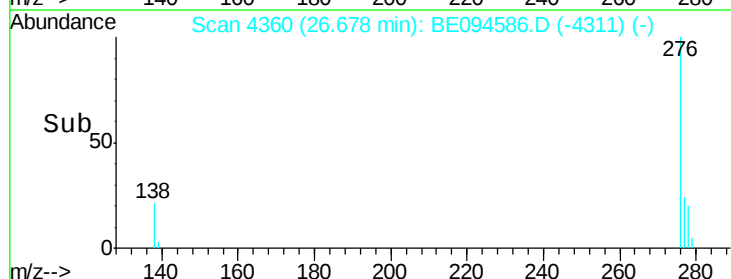
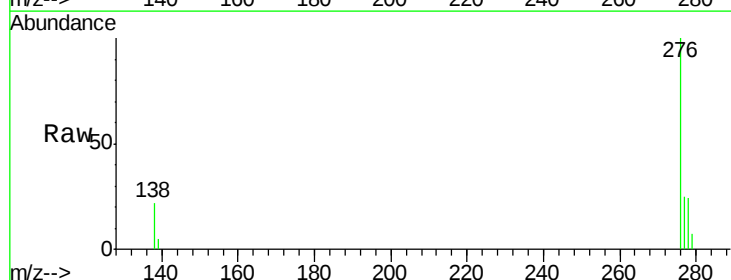
Manual Integrations
APPROVED

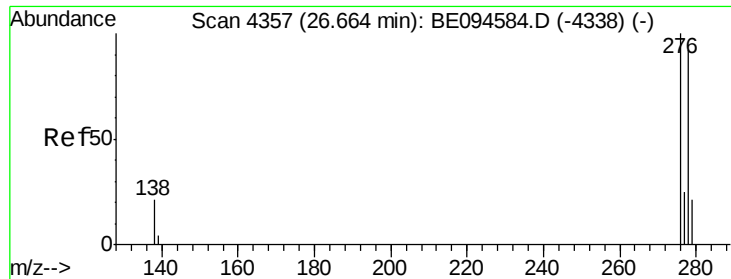
Sohil
10/27/2017 5:36:00 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 9.876 ng/u1
RT: 26.68 min Scan# 4360
Delta R.T. 0.02 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.5	28.0	42.0#
227	0.0	8.0	12.0#





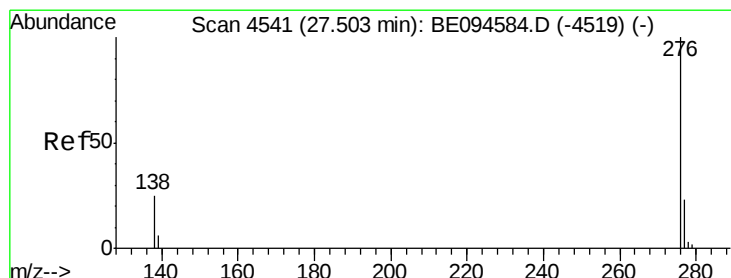
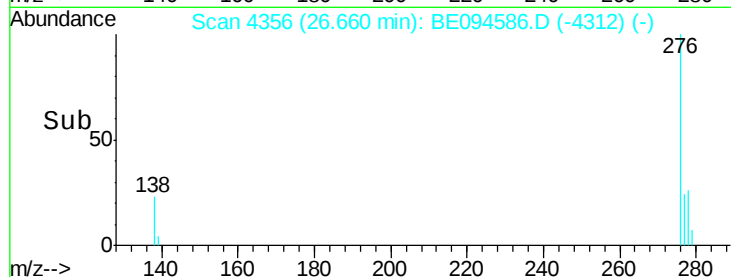
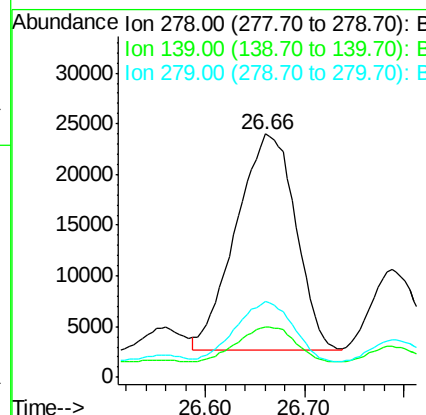
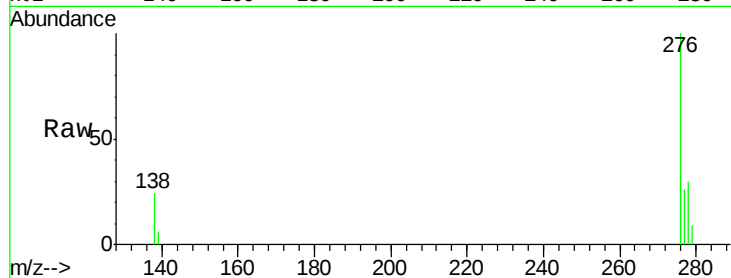
#25
Dibenzo(a,h)anthracene
Concen: 3.048 ng/u1
RT: 26.66 min Scan# 4356
Delta R.T. 0.00 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Instrument :
BNA_E
ClientSampleId :
B-38(FILL)_100917MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.4	26.0
279	31.1	25.9	38.9

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:00 PM



#26
Benzo(g,h,i)perylene
Concen: 9.072 ng/u1
RT: 27.51 min Scan# 4542
Delta R.T. 0.01 min
Lab File: BE094586.D
Acq: 27 Oct 2017 9:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.8	32.8
277	25.6	20.5	30.7

