

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094589.D
 Acq On : 27 Oct 2017 10:55
 Operator : SJ/JU
 Sample : I5786-04 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-38(0-1)_100917

Manual Integrations
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Quant Time: Oct 27 14:21:02 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	4920	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11210	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5525	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10448	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10453	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11127	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1231m	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2659	0.09	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	45249	1.651	ng/ul#	5
5) 2-Methylnaphthalene	12.35	142	8201	0.428	ng/ul	98
7) Acenaphthylene	14.24	152	9725	0.389	ng/ul#	69
8) Acenaphthene	14.58	153	37405	2.083	ng/ul	97
9) Fluorene	15.57	166	25298	1.254	ng/ul	92
12) Phenanthrene	17.29	178	138643m	5.024	ng/ul	
13) Anthracene	17.39	178	33381	1.226	ng/ul	96
15) Fluoranthene	19.32	202	201327	6.310	ng/ul	84
17) Pyrene	19.68	202	190021	5.880	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	106432	3.562	ng/ul#	89
19) Chrysene	21.47	228	100147	3.242	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	135813m	4.339	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	39442m	1.176	ng/ul	
23) Benzo(a)pyrene	23.86	252	95193	3.043	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.69	276	62490	1.930	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.68	278	16468	0.604	ng/ul#	60
26) Benzo(g,h,i)perylene	27.53	276	50737	1.952	ng/ul#	89

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

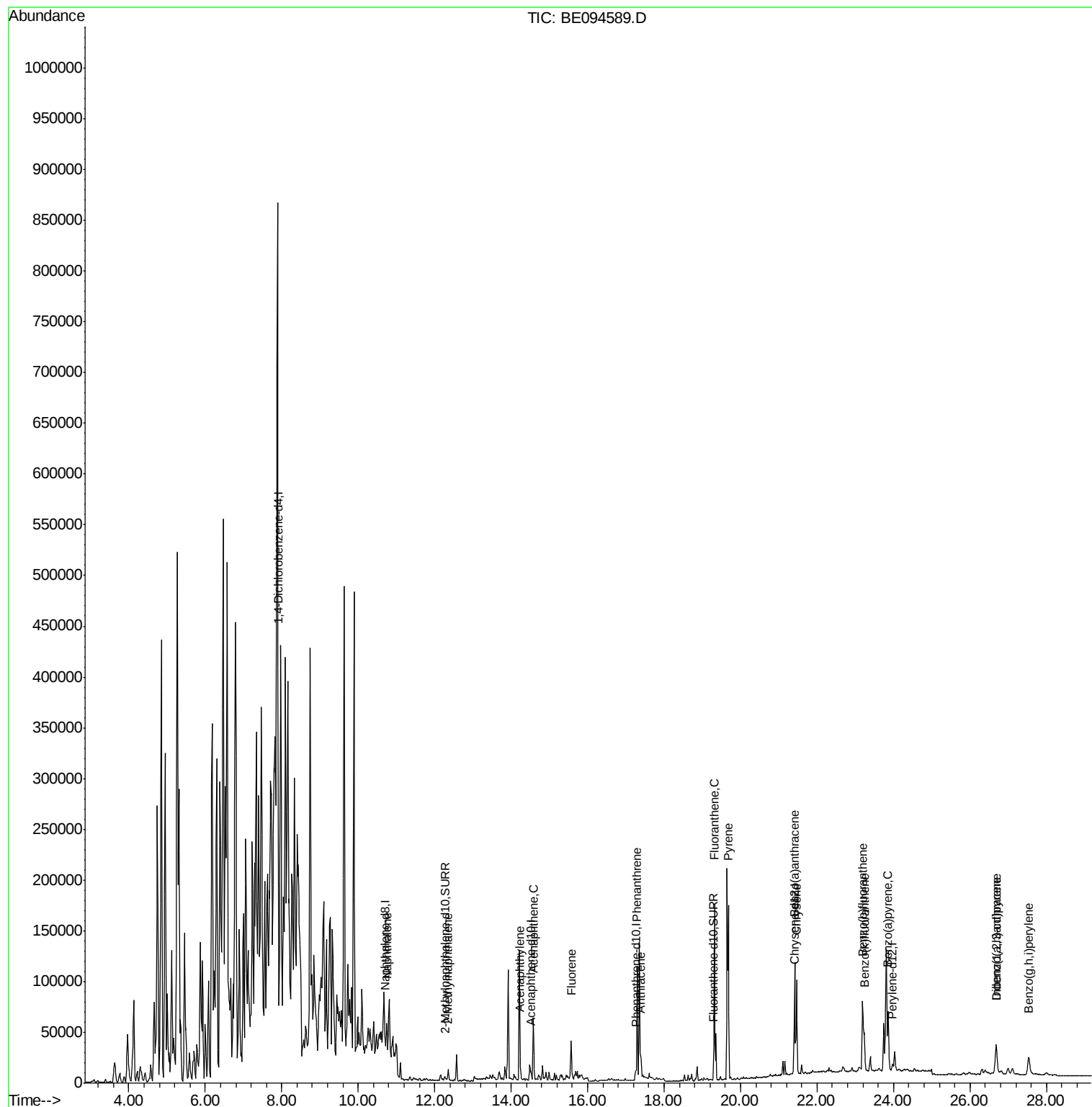
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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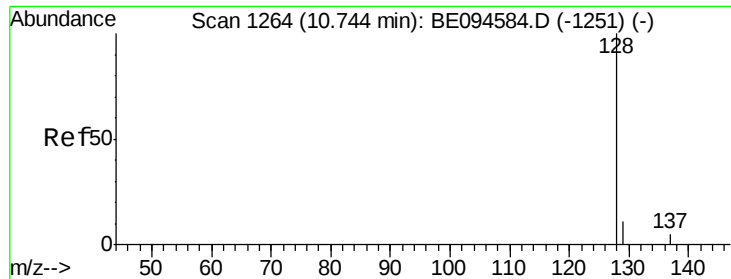
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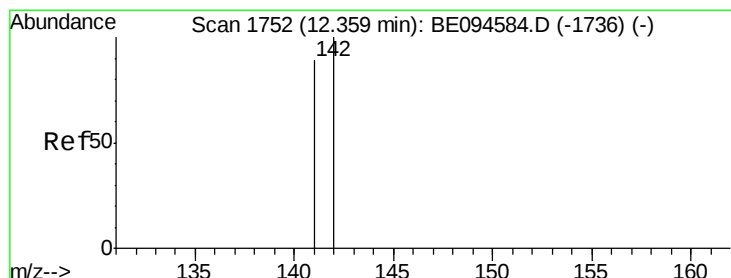
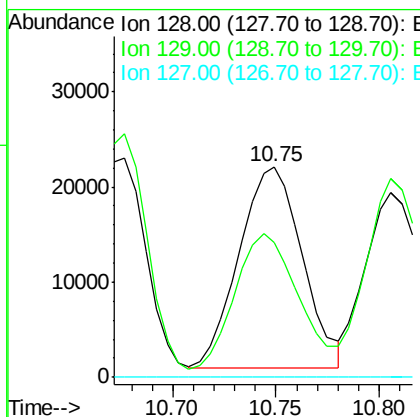
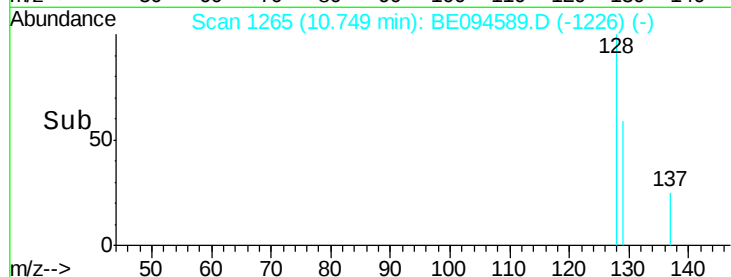
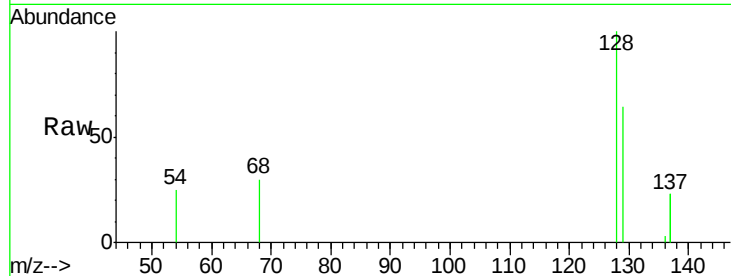
#3
Naphthalene
Concen: 1.651 ng/ul
RT: 10.75 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE094589.D
Acq: 27 Oct 2017 10:55

Instrument :
BNA_E
ClientSampleId :
B-38(0-1)_100917

Tgt Ion:128 Resp: 45249
Ion Ratio Lower Upper
128 100
129 64.1 11.3 16.9#
127 0.0 4.0 6.0#

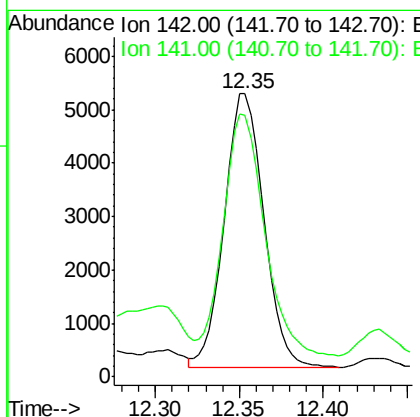
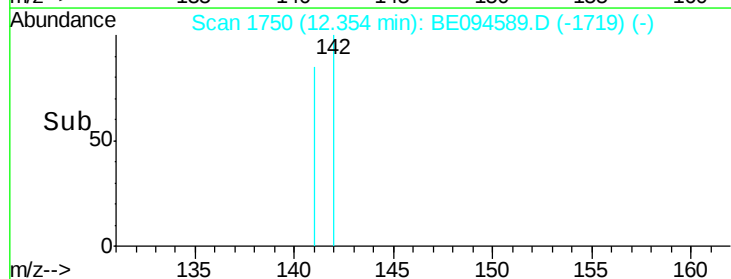
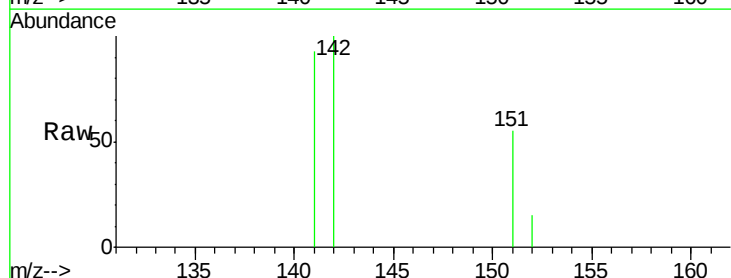
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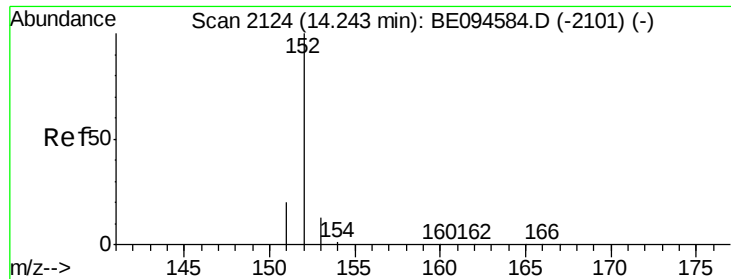
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#5
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094589.D
Acq: 27 Oct 2017 10:55

Tgt Ion:142 Resp: 8201
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Instrument :

BNA_E

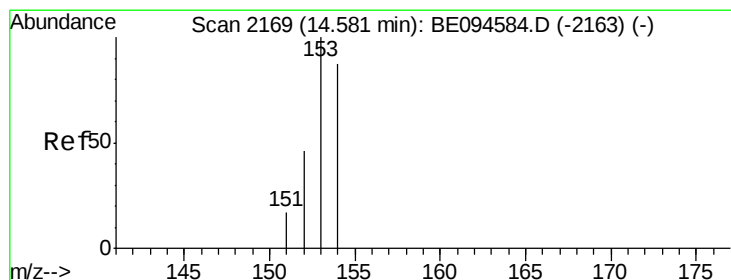
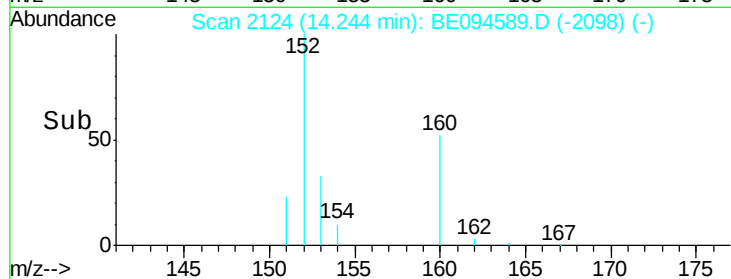
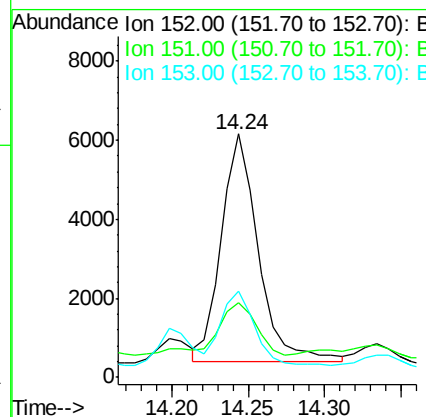
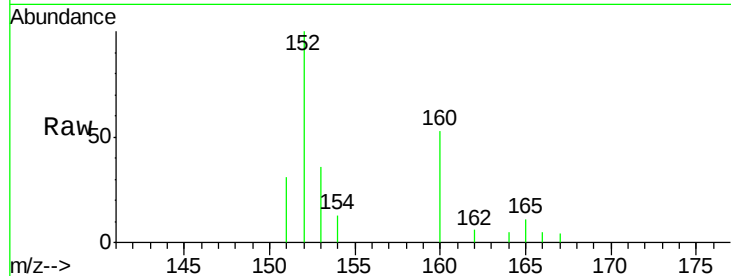
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.9	17.1	25.7#
153	35.5	12.8	19.2#

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#8

Acenaphthene

Concen: 2.083 ng/ul

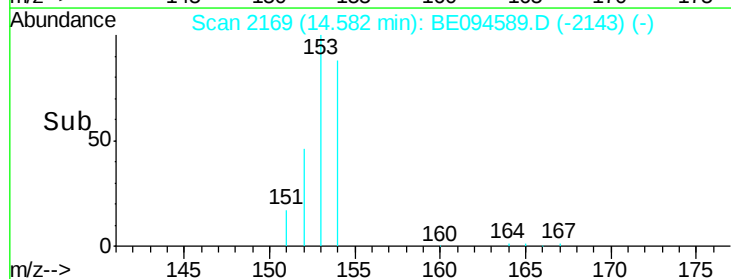
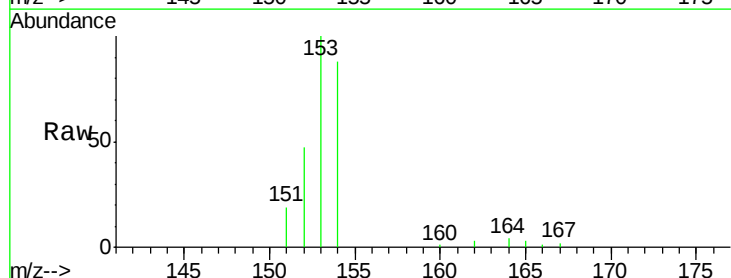
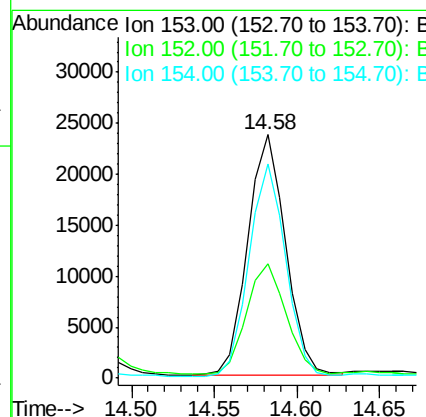
RT: 14.58 min Scan# 2169

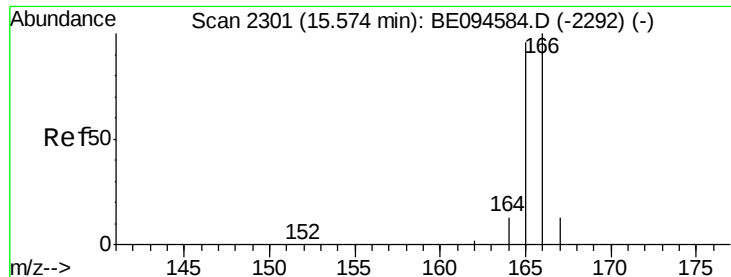
Delta R.T. -0.01 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.0	54.0
154	87.9	72.0	108.0





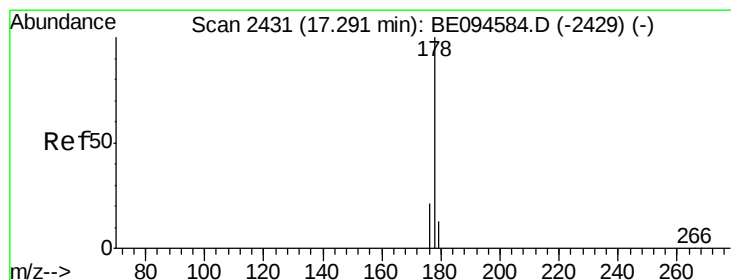
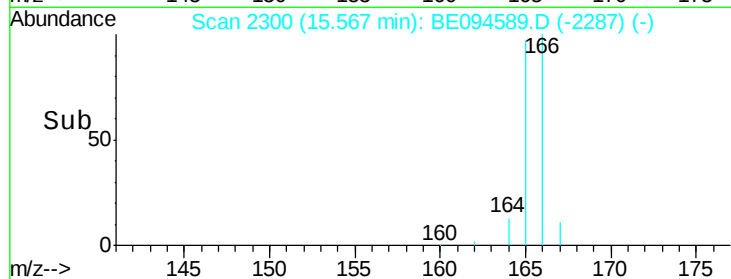
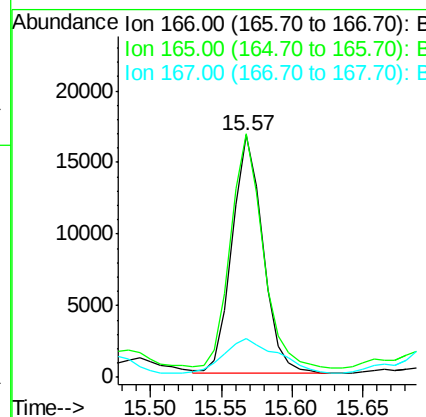
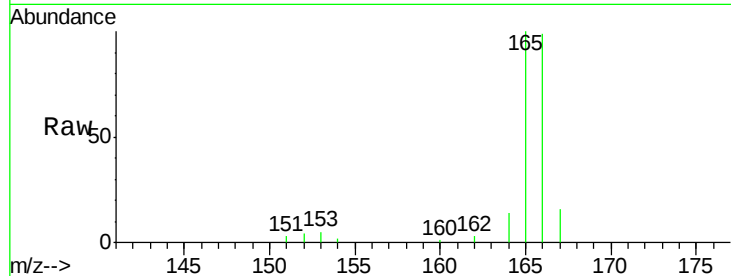
#9
Fluorene
 Concen: 1.254 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094589.D
 Acq: 27 Oct 2017 10:55

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	73.4	110.2
167	16.2	14.6	22.0

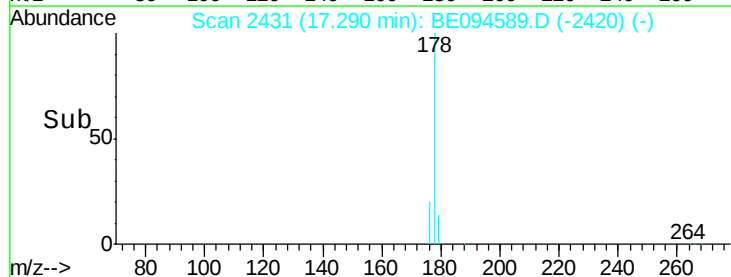
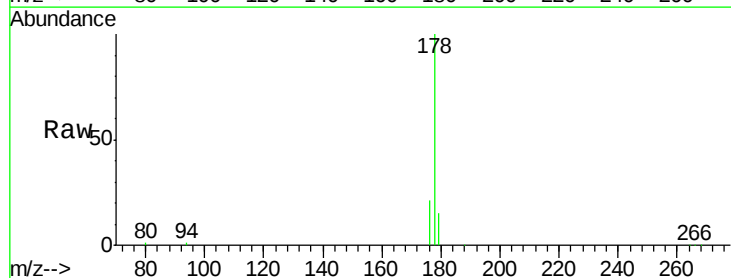
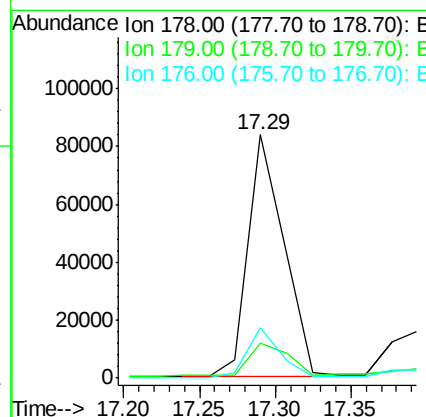
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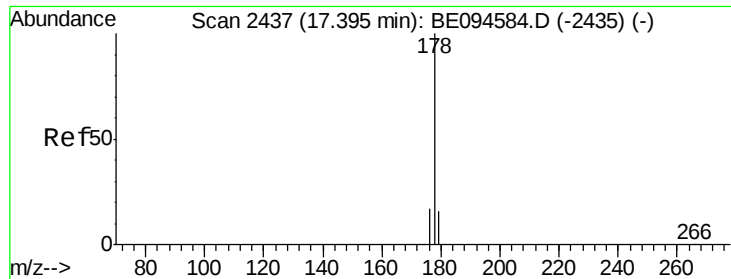
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#12
Phenanthrene
 Concen: 5.024 ng/ul m
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094589.D
 Acq: 27 Oct 2017 10:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	20.5	13.6	20.4#





#13

Anthracene

Concen: 1.226 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Instrument :

BNA_E

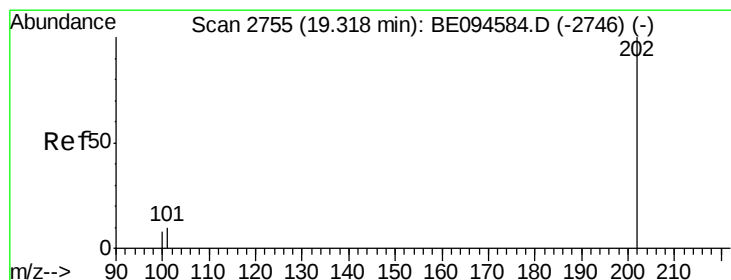
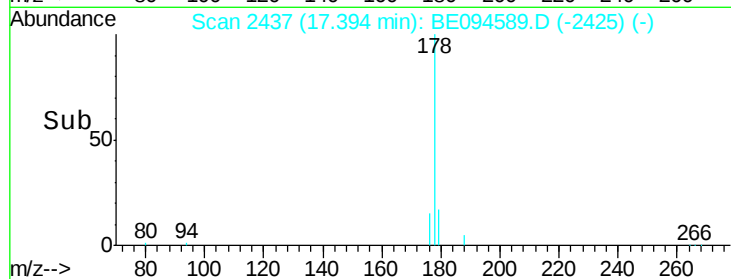
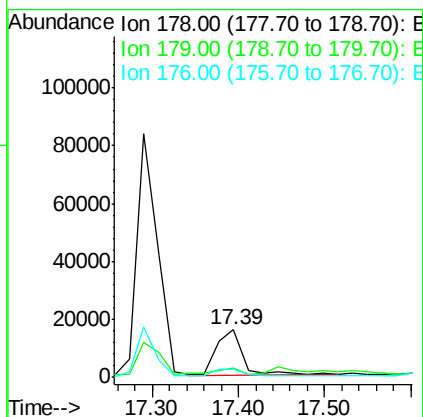
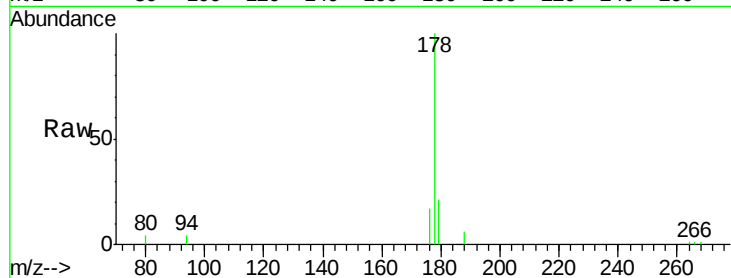
ClientSampleId :

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Tgt Ion:	178	Resp:	33381
Ion Ratio	Lower	Upper	
178	100		
179	20.7	18.1	27.1
176	16.8	14.7	22.1

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#15

Fluoranthene

Concen: 6.310 ng/ul

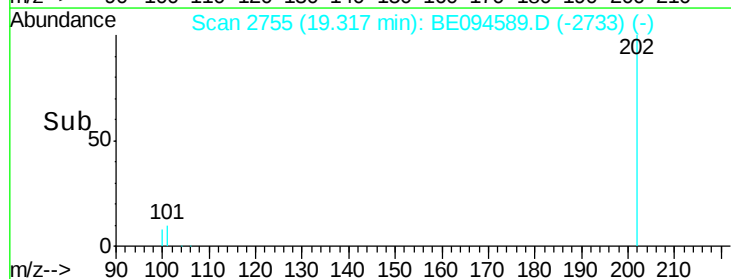
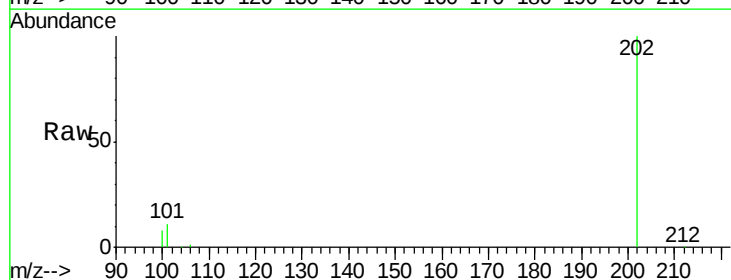
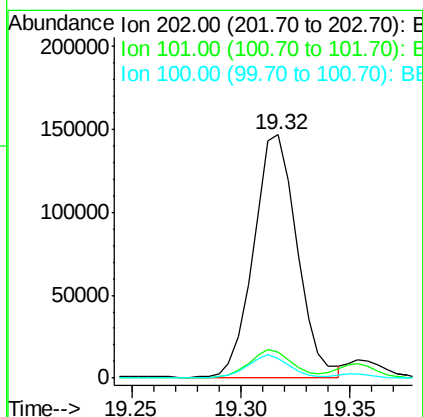
RT: 19.32 min Scan# 2755

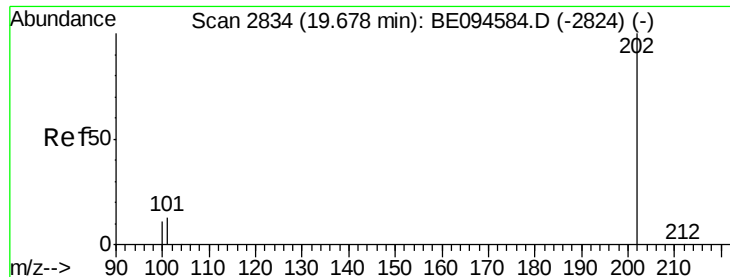
Delta R.T. -0.00 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Tgt Ion:	202	Resp:	201327
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5





#17

Pyrene

Concen: 5.880 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Instrument :

BNA_E

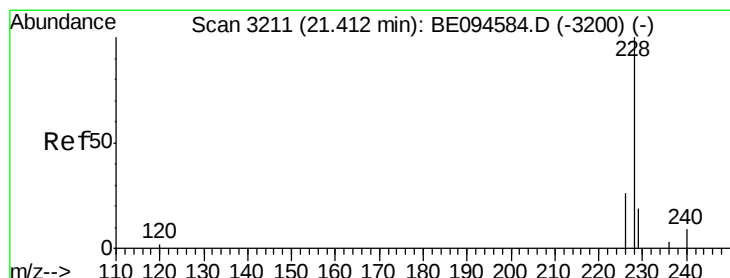
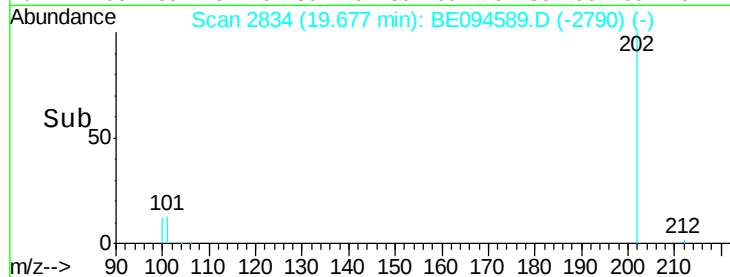
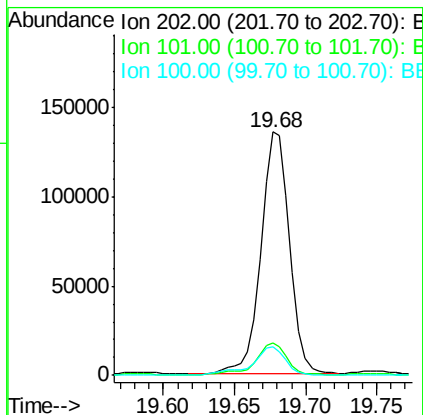
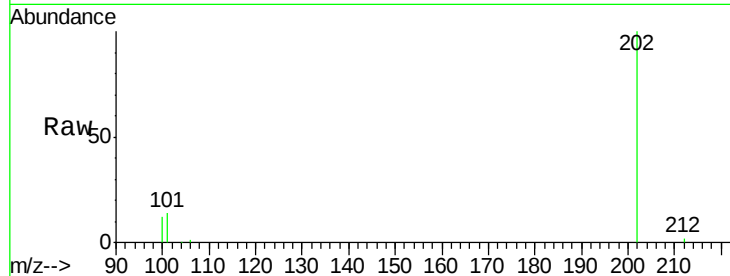
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Tgt Ion:	202	Resp:	190021
Ion Ratio		Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 3.562 ng/ul

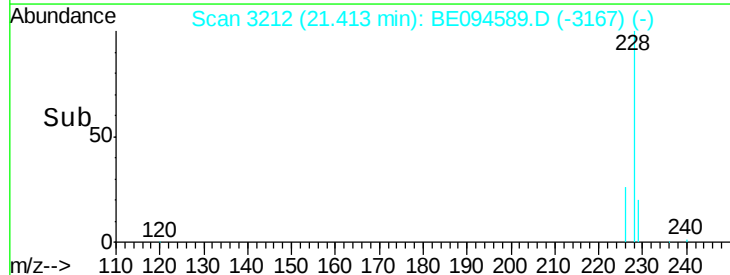
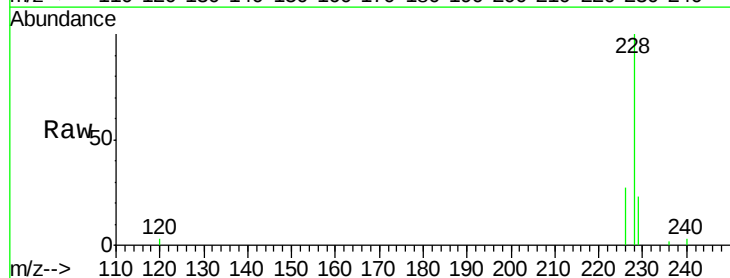
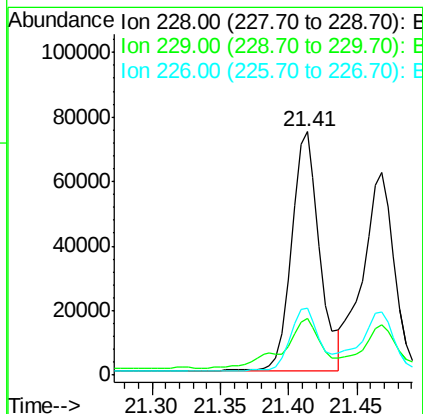
RT: 21.41 min Scan# 3212

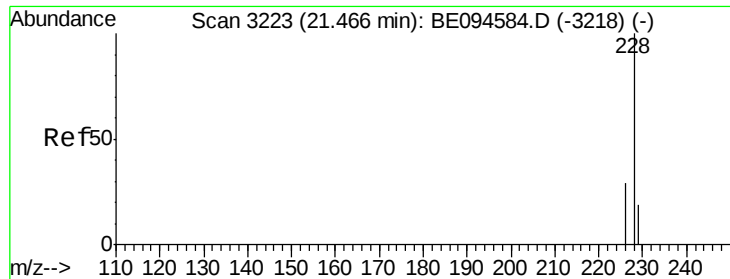
Delta R.T. 0.00 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Tgt Ion:	228	Resp:	106432
Ion Ratio		Lower	Upper
228	100		
229	23.1	22.8	34.2
226	27.4	17.0	25.6#





#19

Chrysene

Concen: 3.242 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Instrument :

BNA_E

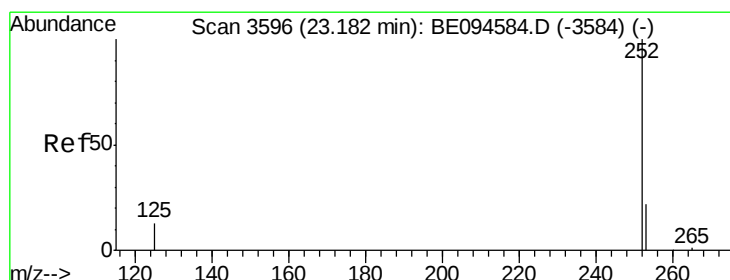
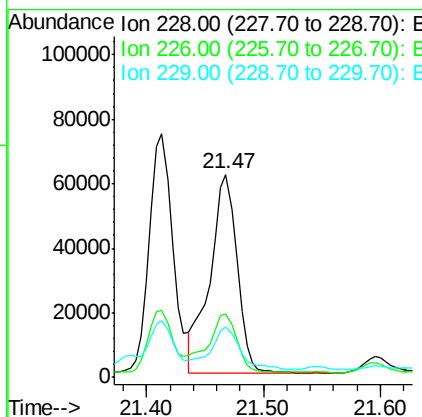
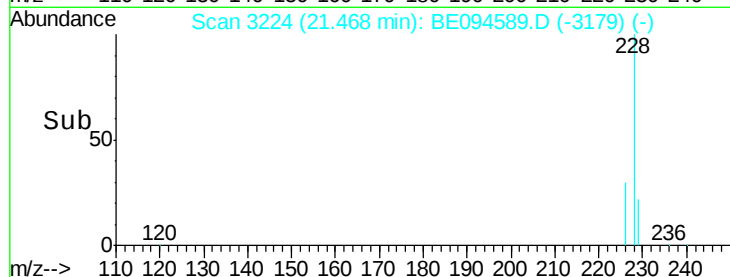
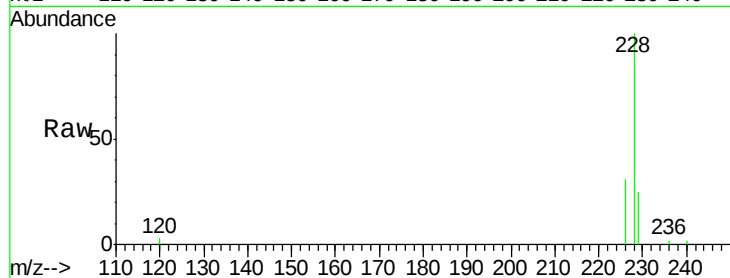
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Tgt Ion:	228	Resp:	100147
Ion Ratio		Lower	Upper
228	100		
226	31.0	23.4	35.0
229	24.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.339 ng/ul m

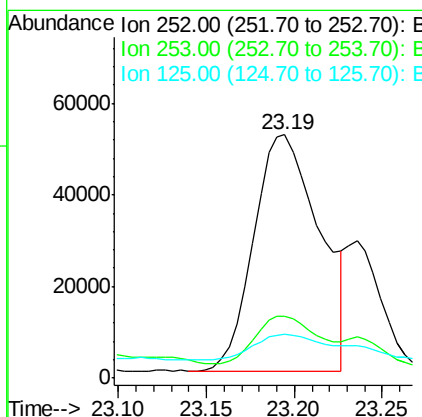
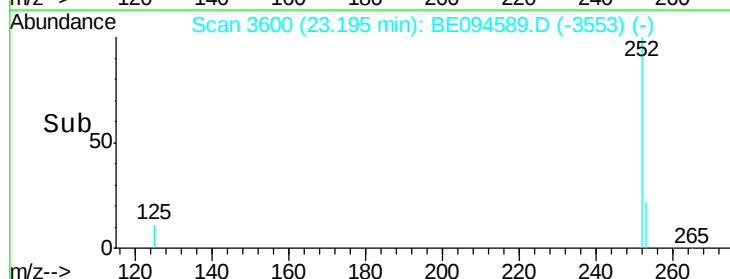
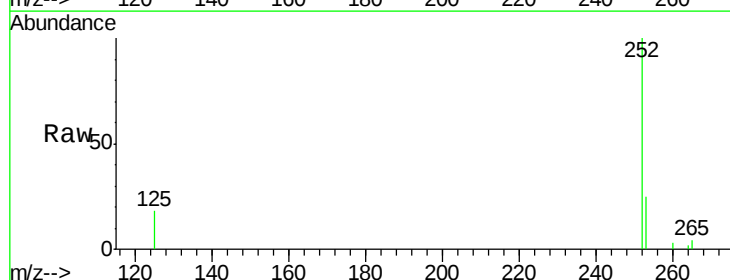
RT: 23.19 min Scan# 3600

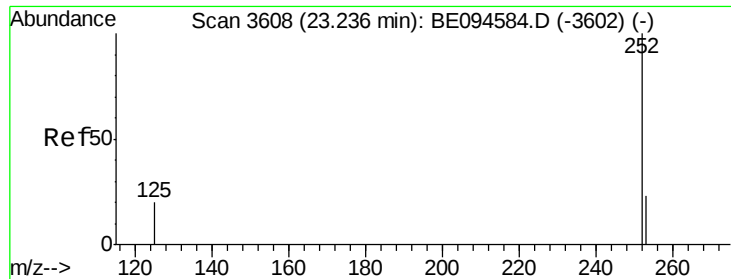
Delta R.T. 0.01 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Tgt Ion:	252	Resp:	135813
Ion Ratio		Lower	Upper
252	100		
253	25.3	0.0	64.2
125	18.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.176 ng/ul m

RT: 23.24 min Scan# 3609

Delta R.T. 0.00 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Instrument :

BNA_E

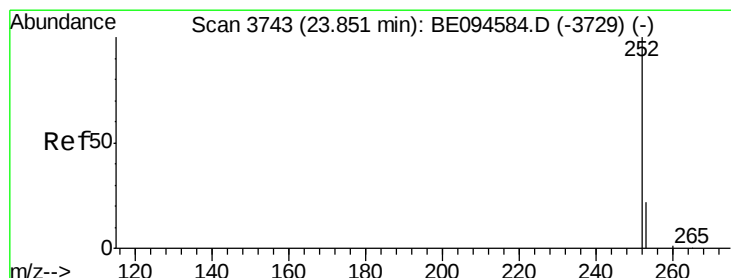
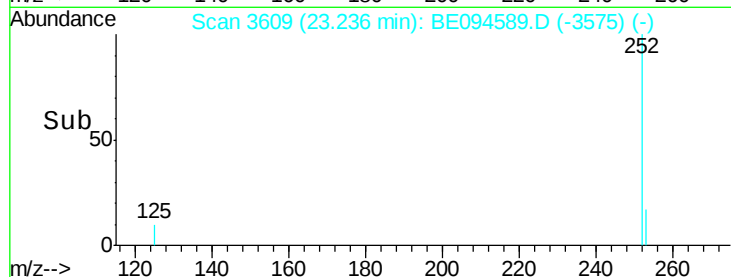
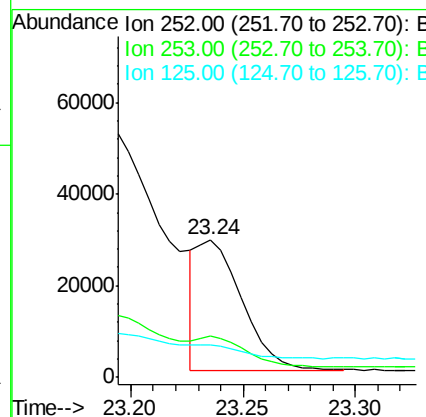
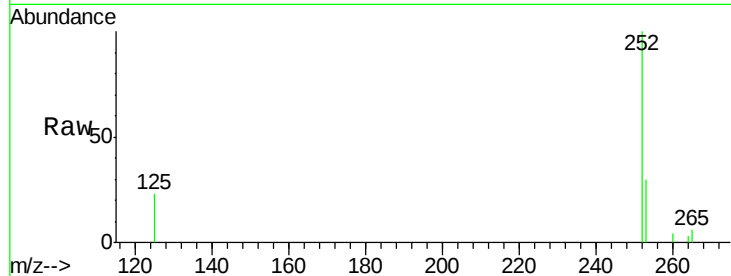
ClientSampleId :

B-38(0-1)_100917

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	24.5	36.7
125	23.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.043 ng/ul

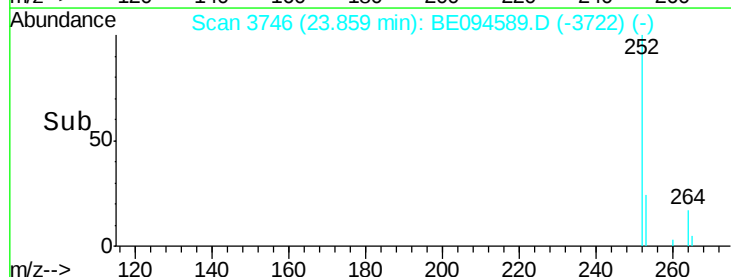
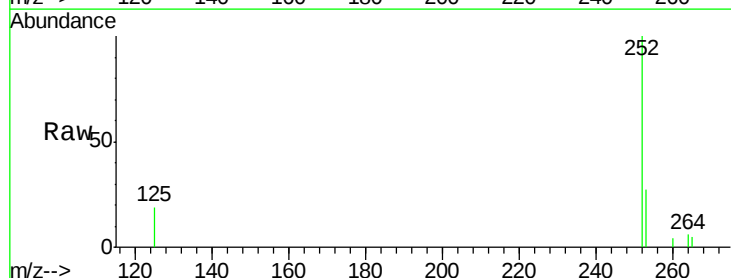
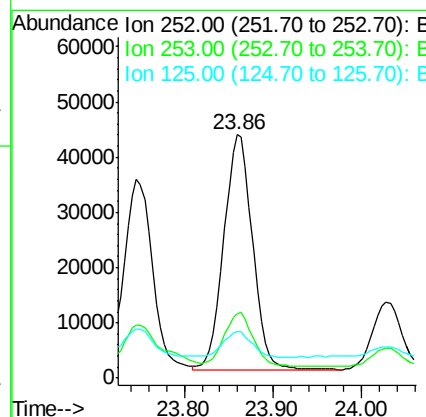
RT: 23.86 min Scan# 3746

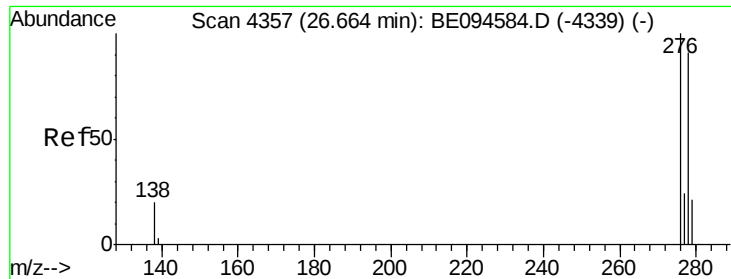
Delta R.T. 0.01 min

Lab File: BE094589.D

Acq: 27 Oct 2017 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	28.5	42.7
125	19.0	18.1	27.1





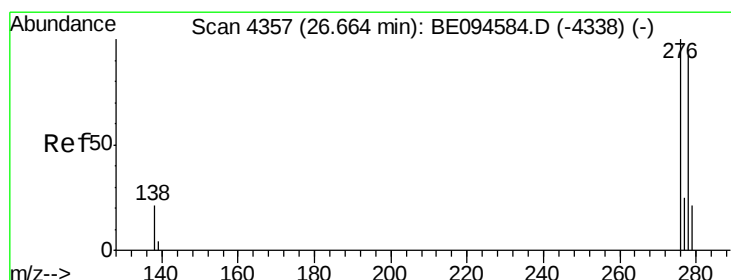
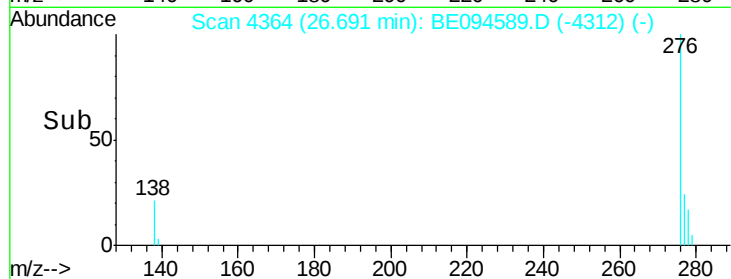
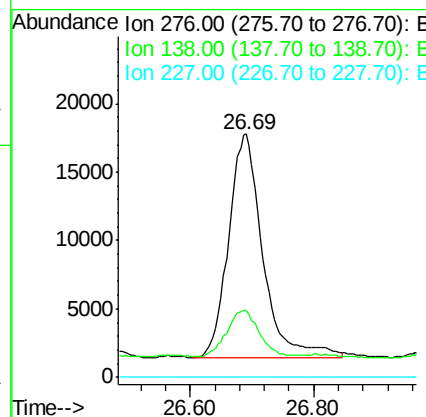
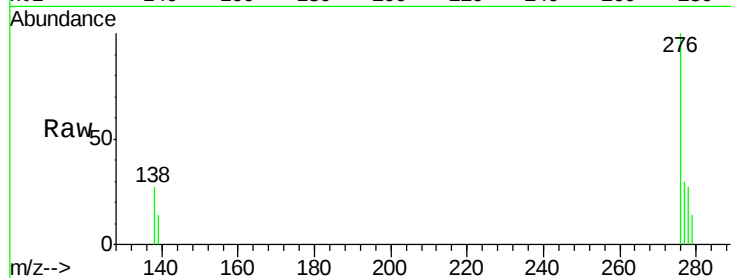
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.930 ng/ul
 RT: 26.69 min Scan# 4364
 Delta R.T. 0.04 min
 Lab File: BE094589.D
 Acq: 27 Oct 2017 10:55

Instrument :
 BNA_E
 ClientSampleId :
 B-38(0-1)_100917

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

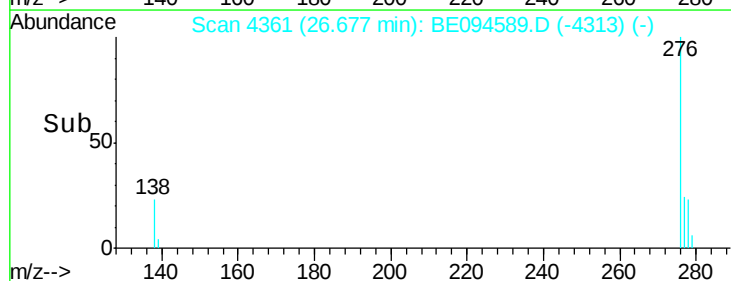
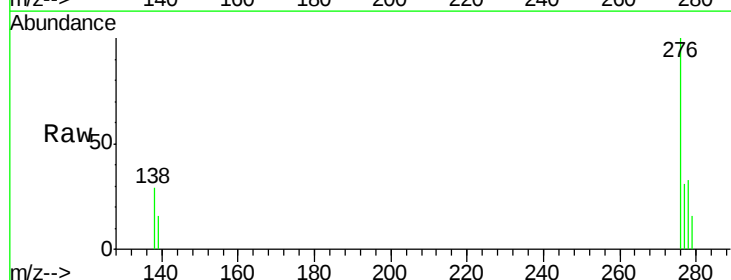
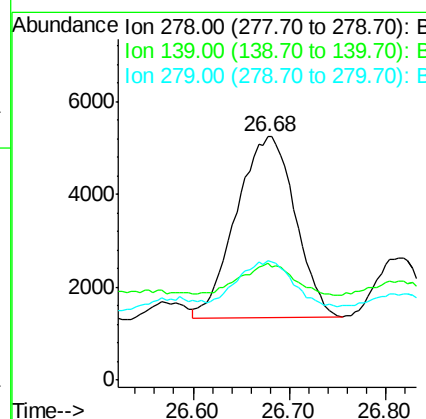
Manual Integrations
 APPROVED

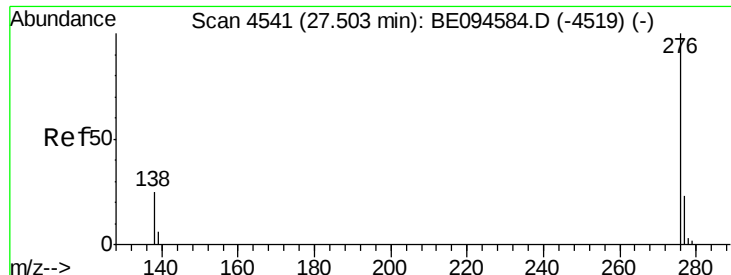
Sohil
 10/27/2017 5:36:05 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.604 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.02 min
 Lab File: BE094589.D
 Acq: 27 Oct 2017 10:55

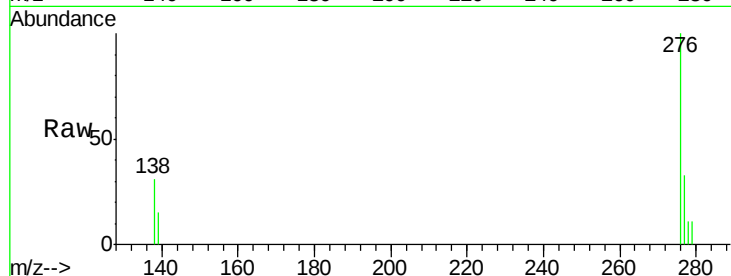
Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.8	17.4	26.0#
279	49.1	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 1.952 ng/ul
 RT: 27.53 min Scan# 4549
 Delta R.T. 0.04 min
 Lab File: BE094589.D
 Acq: 27 Oct 2017 10:55

Instrument :
 BNA_E
 ClientSampleId :
 B-38(0-1)_100917



Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	21.8	32.8
277	32.9	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:36:05 PM

