

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094590.D
 Acq On : 27 Oct 2017 11:33
 Operator : SJ/JU
 Sample : I5786-07 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-8(1.5-2.5)_101017

Manual Integrations
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Quant Time: Oct 27 13:39:51 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	1630	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9223	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11426	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11320	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11570	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	891	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1924	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1828	0.081	ng/ul#	90
5) 2-Methylnaphthalene	12.35	142	2224	0.141	ng/ul	98
7) Acenaphthylene	14.24	152	10088	0.399	ng/ul#	90
8) Acenaphthene	14.58	153	630	0.035	ng/ul#	71
9) Fluorene	15.57	166	1640	0.080	ng/ul#	55
12) Phenanthrene	17.29	178	124458	4.124	ng/ul#	86
13) Anthracene	17.40	178	17372	0.583	ng/ul#	91
15) Fluoranthene	19.32	202	167888	4.812	ng/ul	84
17) Pyrene	19.68	202	155160	4.434	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	75490	2.333	ng/ul#	90
19) Chrysene	21.47	228	76152m	2.277	ng/ul	
21) Benzo(b)fluoranthene	23.19	252	91235m	2.803	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	30474m	0.874	ng/ul	
23) Benzo(a)pyrene	23.86	252	60591	1.862	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	26.69	276	49742	1.478	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.69	278	11346	0.400	ng/ul#	39
26) Benzo(g,h,i)perylene	27.54	276	38217	1.414	ng/ul#	86

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

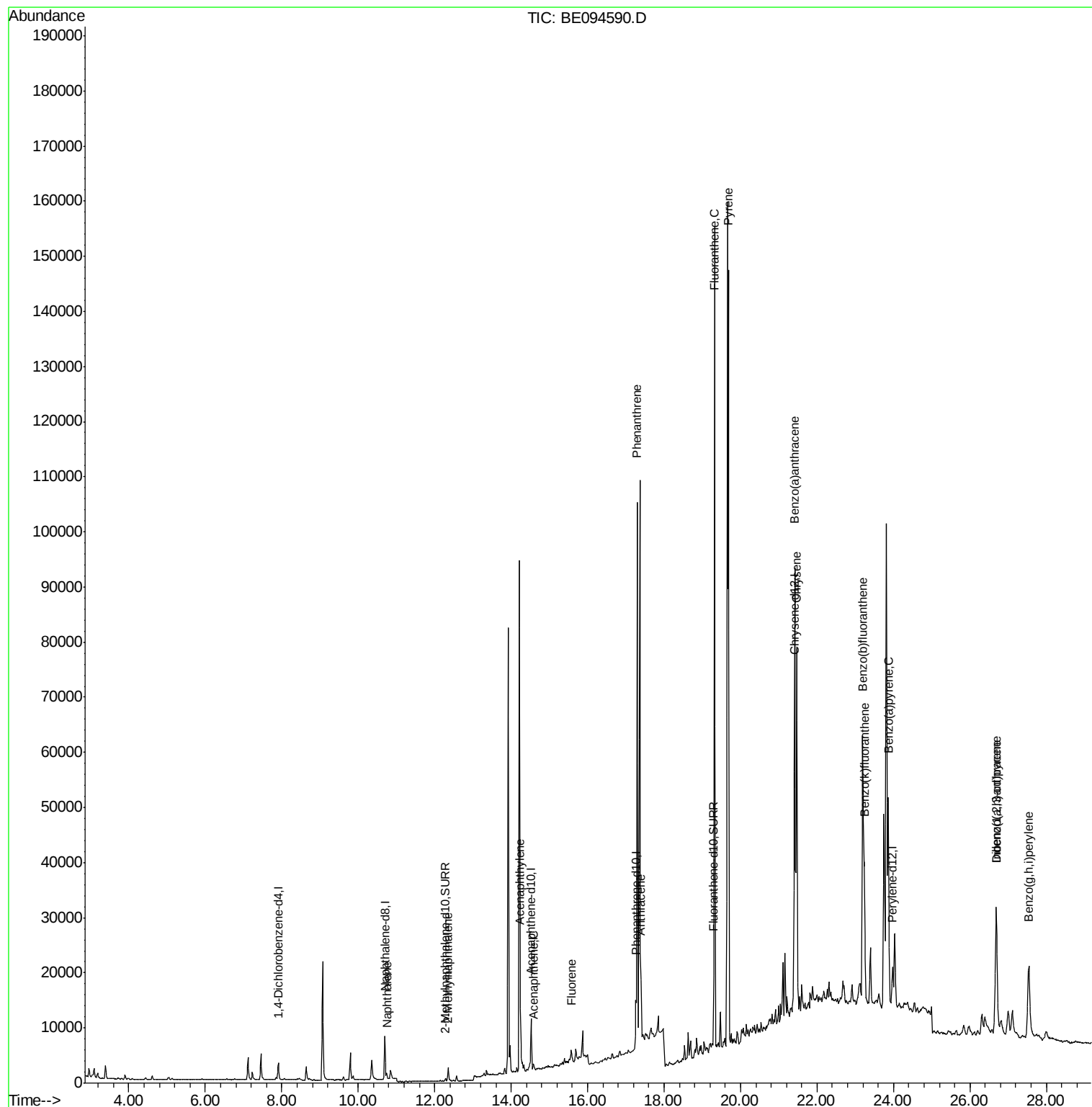
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 33 Sample Multiplier: 1

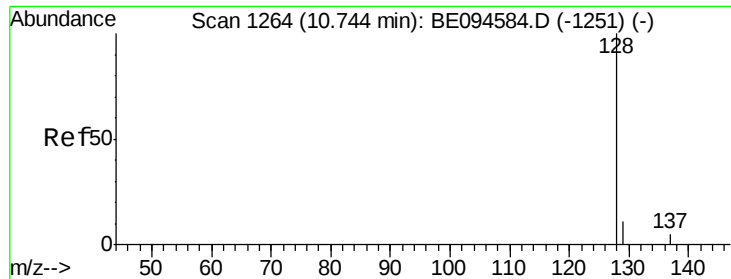
Instrument :
BNA_E
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B-8(1.5-2.5)_101017

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QLast Update : Fri Oct 27 04:05:19 2017
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#3

Naphthalene

Concen: 0.081 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Instrument :

BNA_E

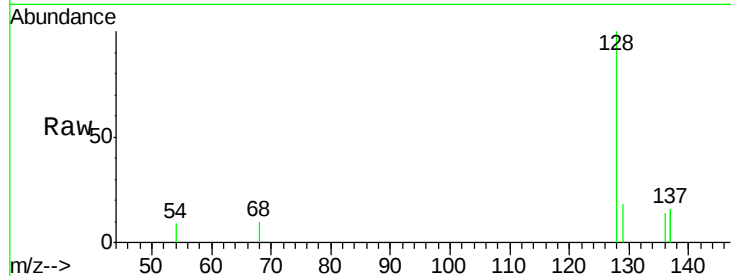
ClientSampleId :

B-8(1.5-2.5)_101017

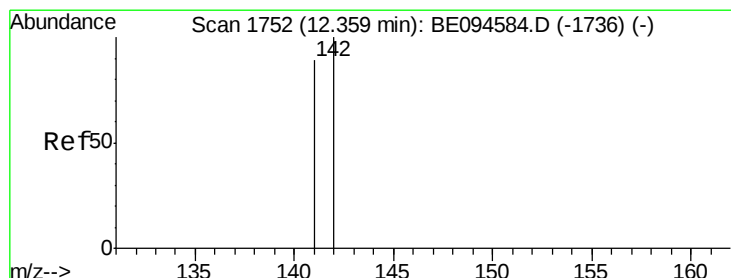
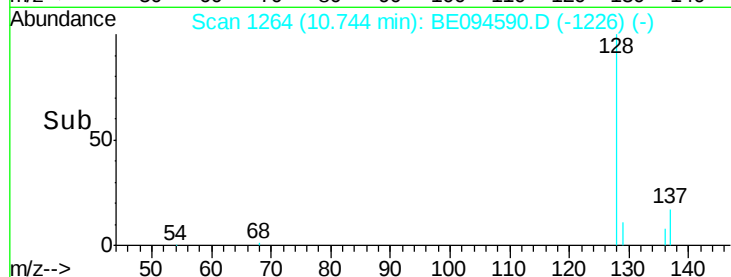
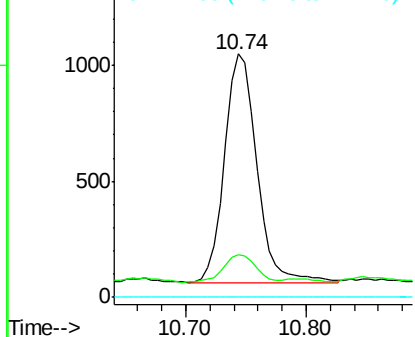
Tgt Ion:	128	Resp:	1828
Ion Ratio	Lower	Upper	
128	100		
129	17.5	11.3	16.9#
127	0.0	4.0	6.0#

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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



#5

2-Methylnaphthalene

Concen: 0.141 ng/ul

RT: 12.35 min Scan# 1749

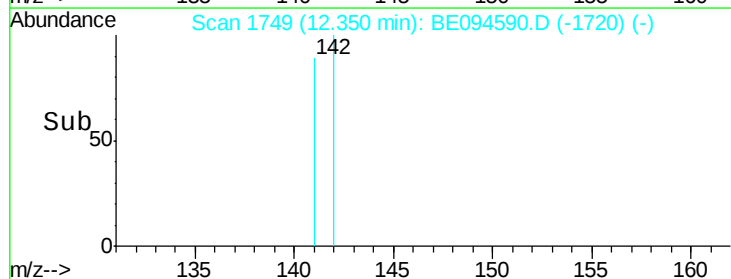
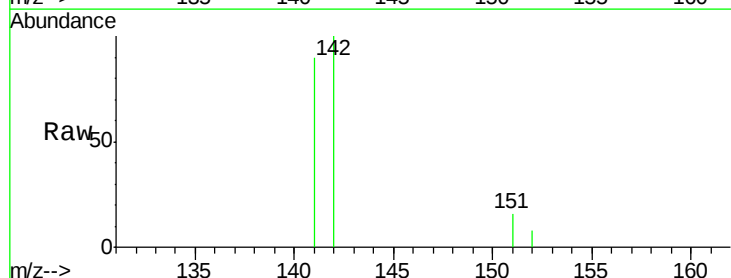
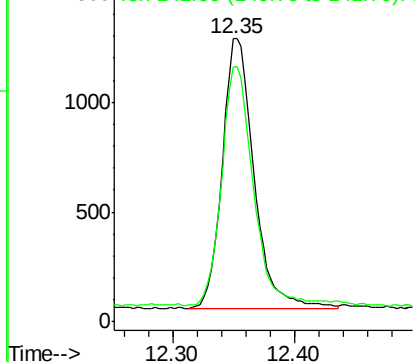
Delta R.T. -0.01 min

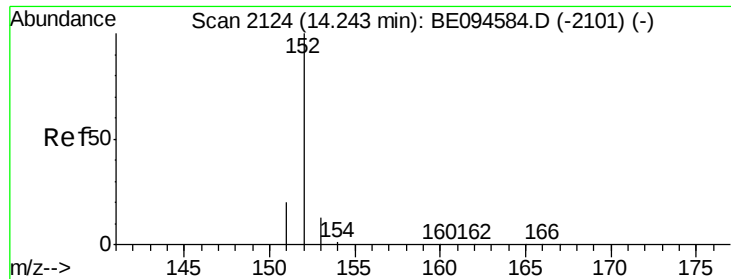
Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Tgt Ion:	142	Resp:	2224
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Instrument :

BNA_E

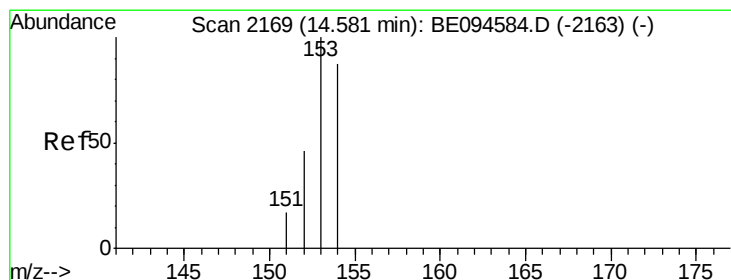
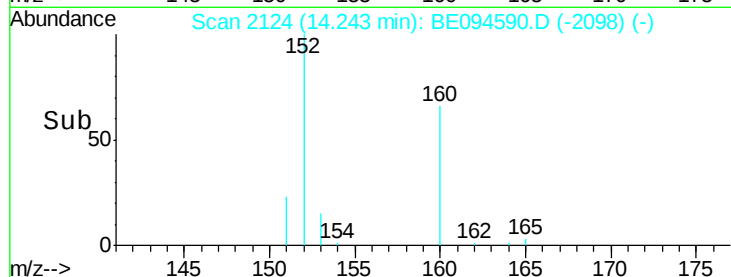
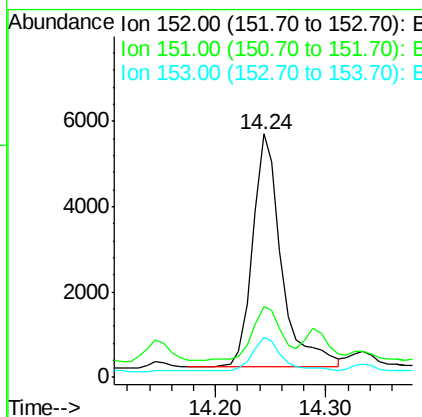
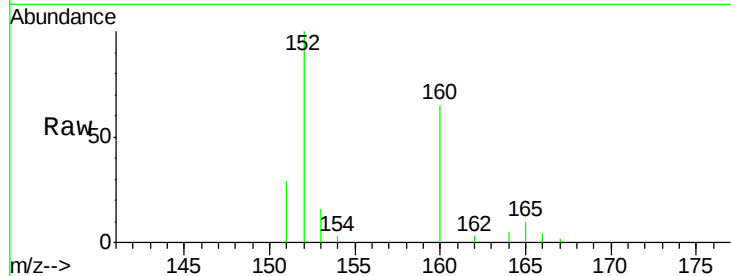
ClientSampleId :

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Tgt Ion:	152	Resp:	10088
Ion Ratio		Lower	Upper
152	100		
151	29.3	17.1	25.7#
153	16.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.035 ng/ul

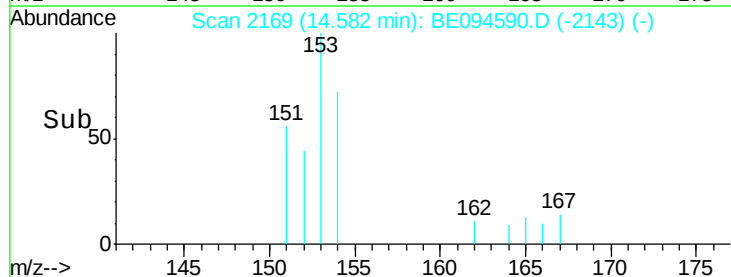
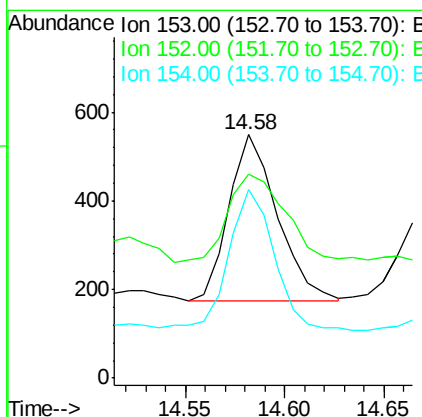
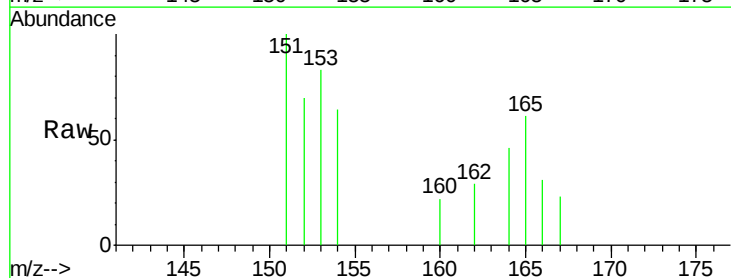
RT: 14.58 min Scan# 2169

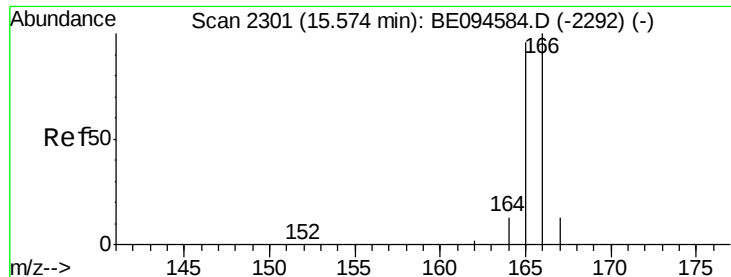
Delta R.T. -0.01 min

Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Tgt Ion:	153	Resp:	630
Ion Ratio		Lower	Upper
153	100		
152	83.8	36.0	54.0#
154	77.4	72.0	108.0





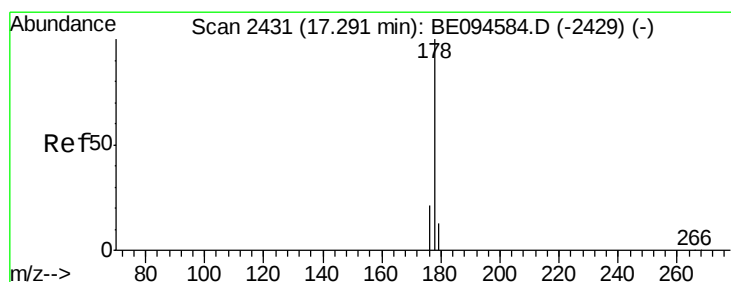
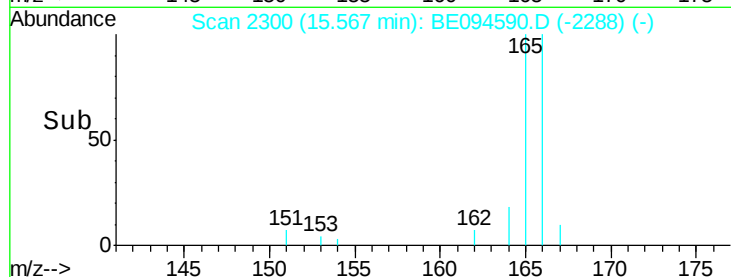
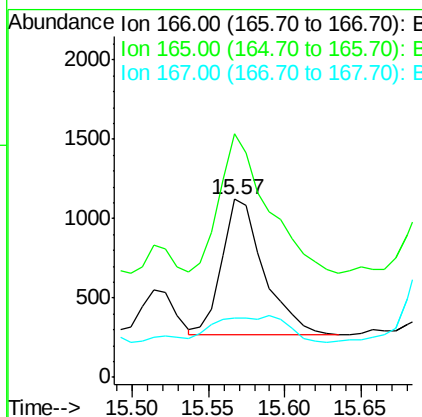
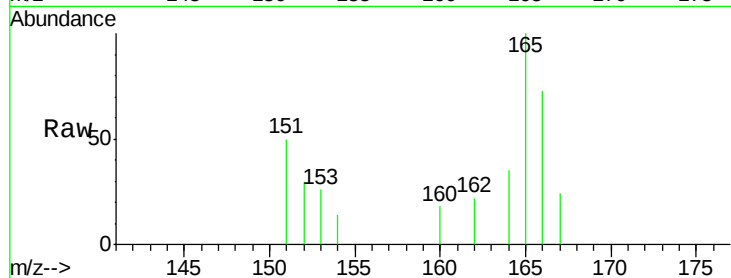
#9
Fluorene
 Concen: 0.080 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094590.D
 Acq: 27 Oct 2017 11:33

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	137.0	73.4	110.2#
167	33.3	14.6	22.0#

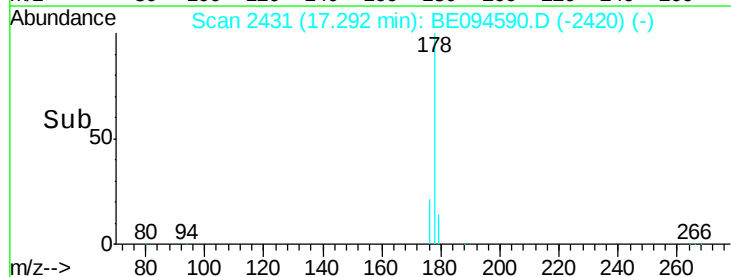
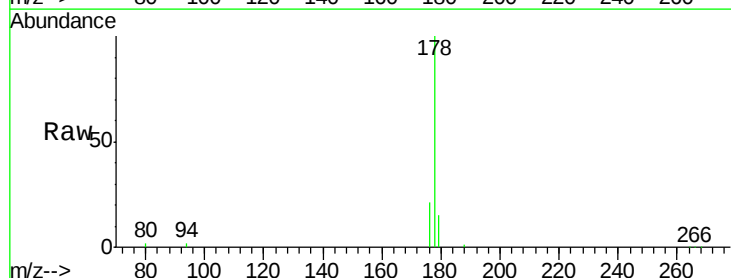
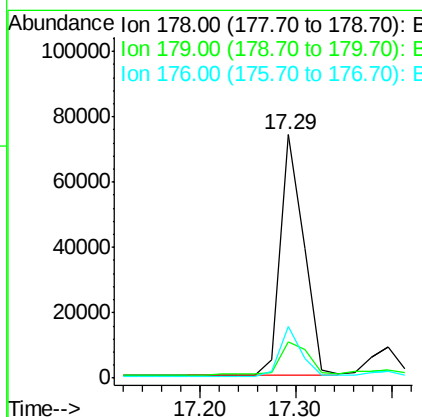
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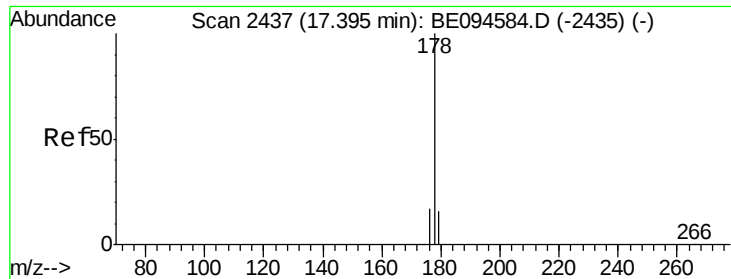
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#12
Phenanthrene
 Concen: 4.124 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094590.D
 Acq: 27 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	21.4	13.6	20.4#





#13

Anthracene

Concen: 0.583 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Instrument :

BNA_E

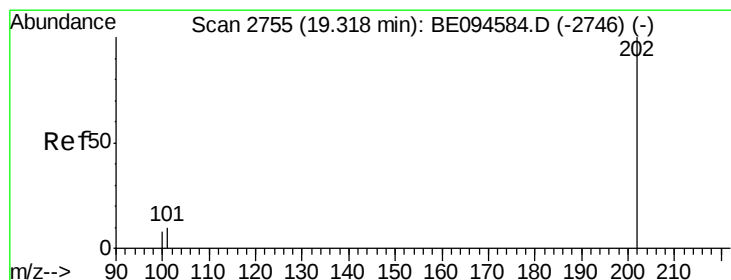
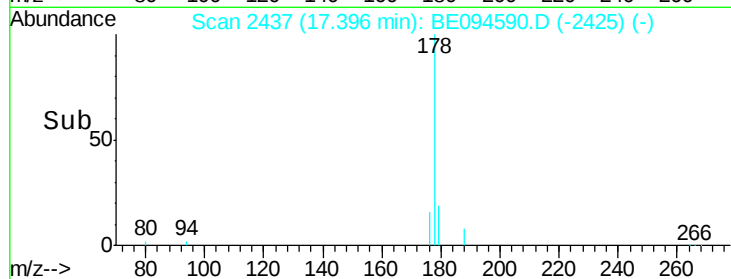
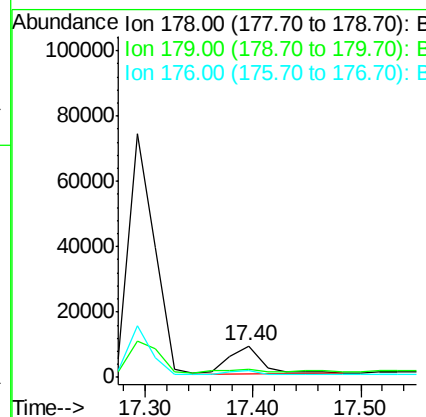
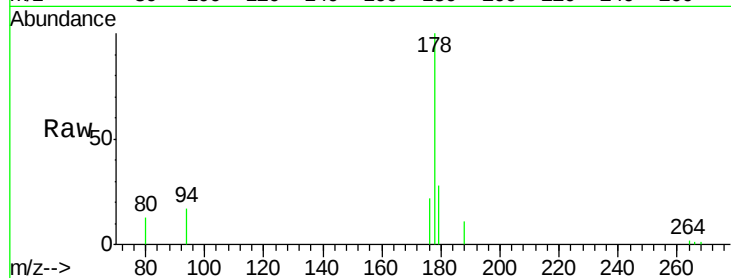
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.8	18.1	27.1#
176	21.8	14.7	22.1

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#15

Fluoranthene

Concen: 4.812 ng/ul

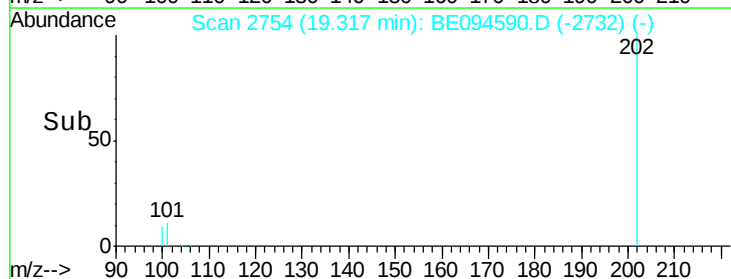
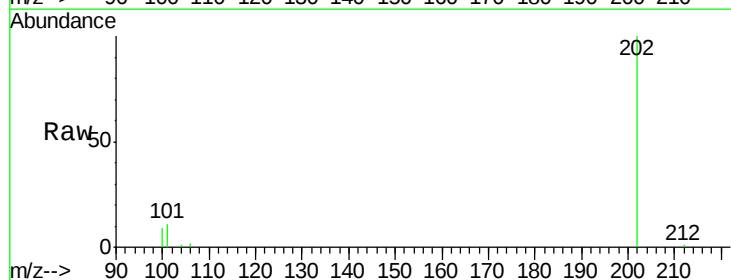
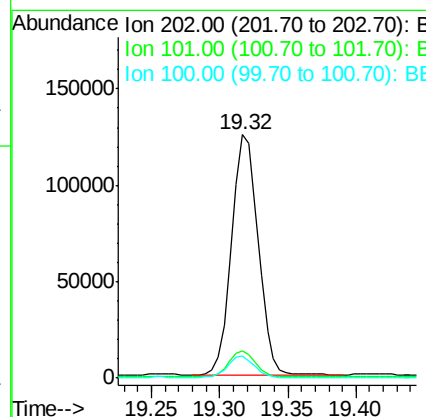
RT: 19.32 min Scan# 2754

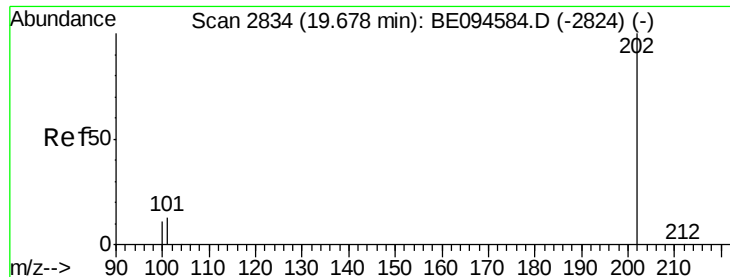
Delta R.T. -0.00 min

Lab File: BE094590.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	9.0	0.0	39.5





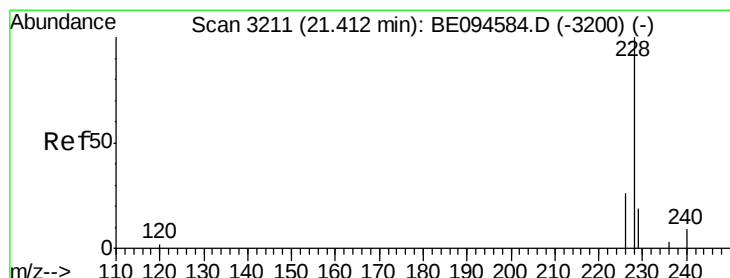
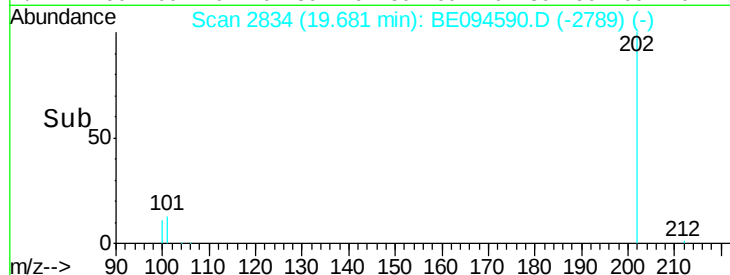
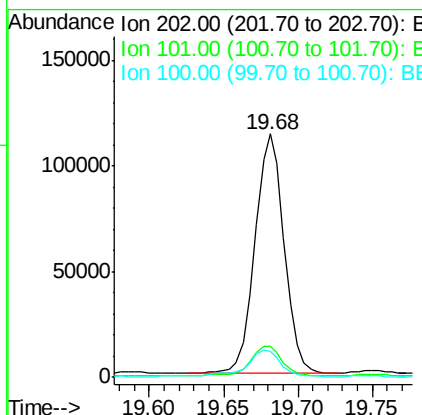
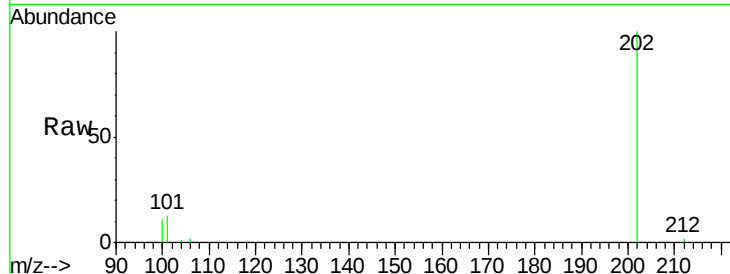
#17
Pyrene
 Concen: 4.434 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BE094590.D
 Acq: 27 Oct 2017 11:33

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	18.2	27.4#
100	10.8	15.6	23.4#

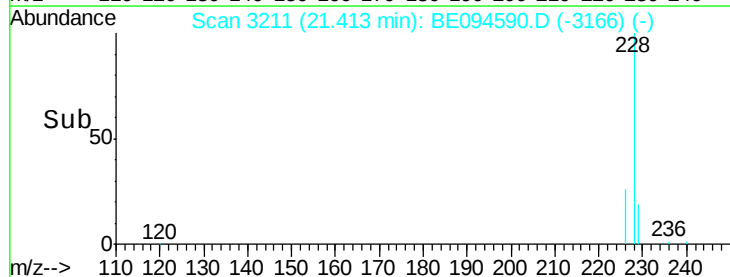
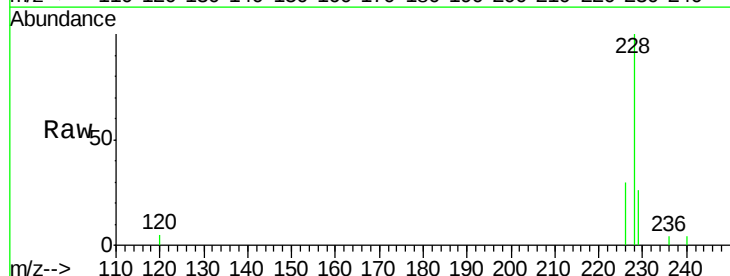
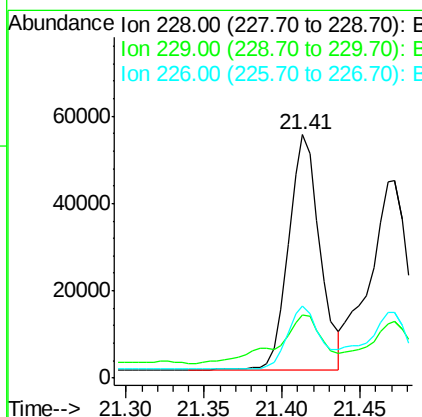
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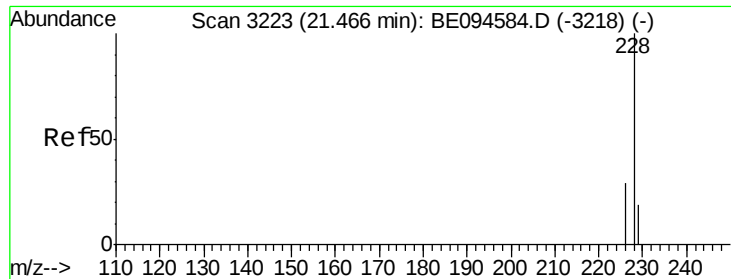
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#18
Benzo(a)anthracene
 Concen: 2.333 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BE094590.D
 Acq: 27 Oct 2017 11:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.9	22.8	34.2
226	29.6	17.0	25.6#





#19

Chrysene

Concen: 2.277 ng/ul m

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Instrument :

BNA_E

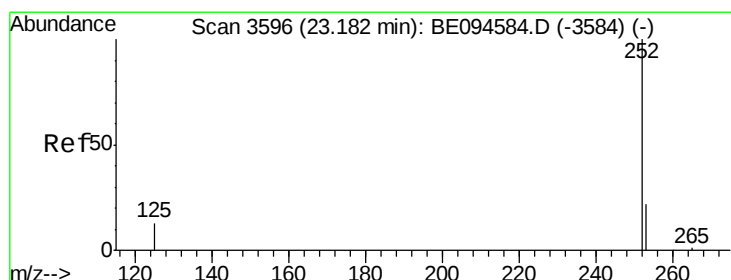
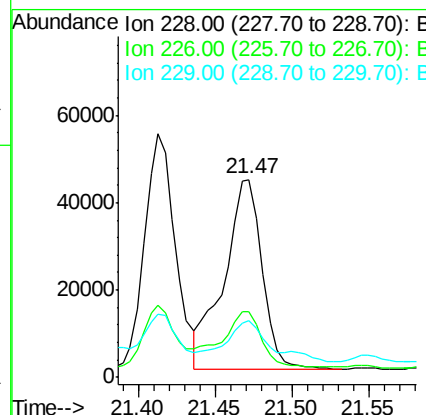
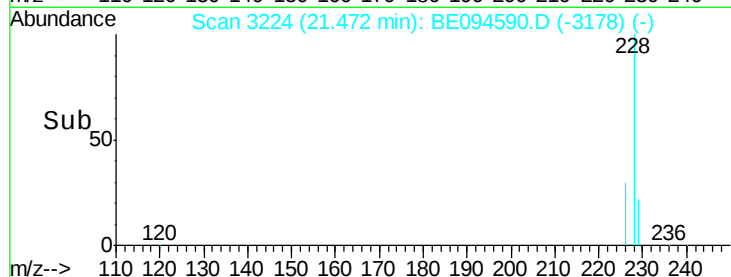
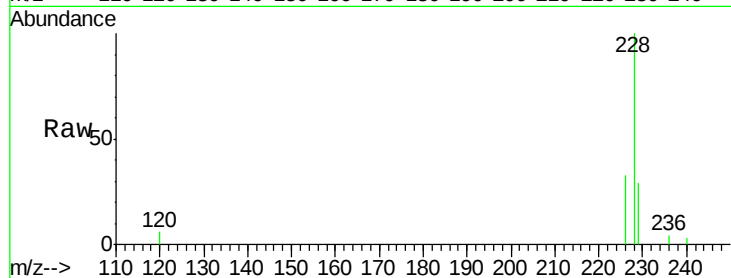
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Tgt Ion:	228	Resp:	76152
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.0
229	28.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 2.803 ng/ul m

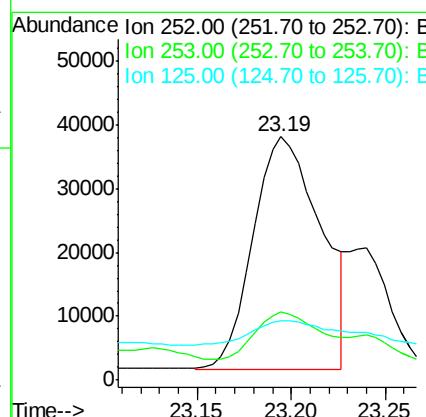
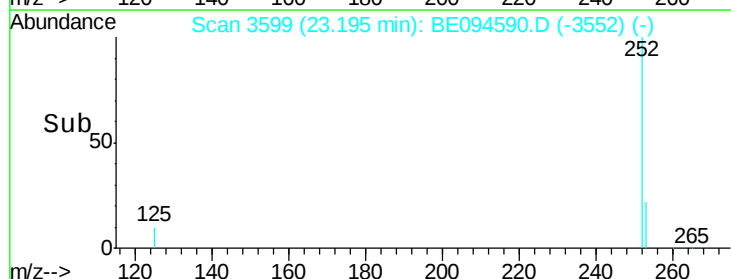
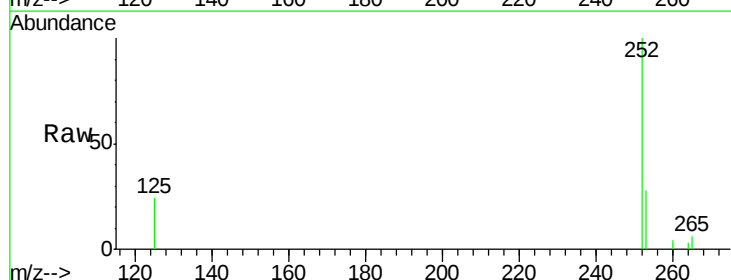
RT: 23.19 min Scan# 3599

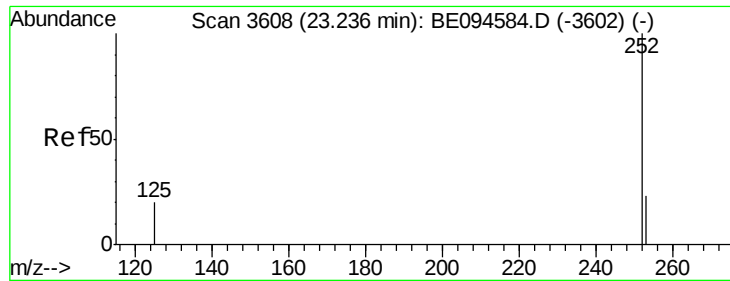
Delta R.T. 0.01 min

Lab File: BE094590.D

Acq: 27 Oct 2017 11:33

Tgt Ion:	252	Resp:	91235
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	64.2
125	24.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.874 ng/ul m

RT: 23.24 min Scan# 3609

Delta R.T. 0.01 min

Lab File: BE094590.D

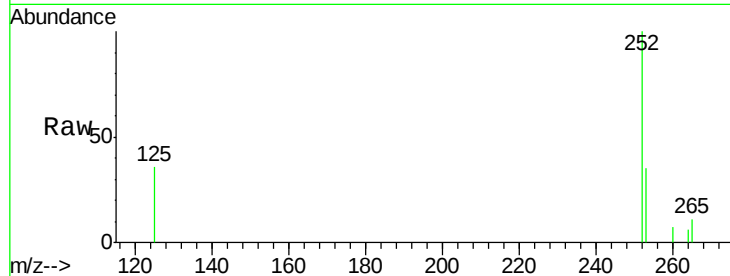
Acq: 27 Oct 2017 11:33

Instrument :

BNA_E

ClientSampleId :

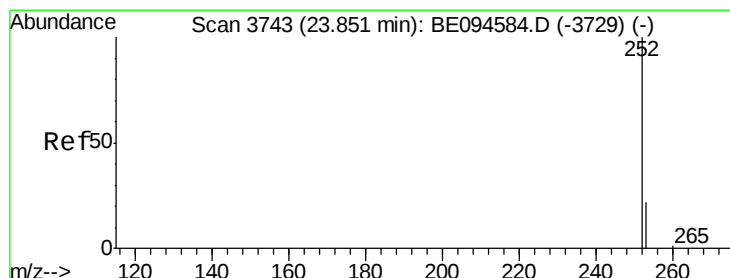
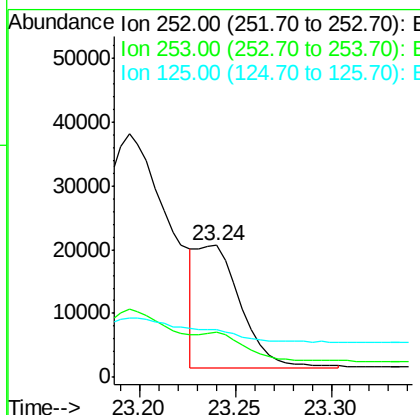
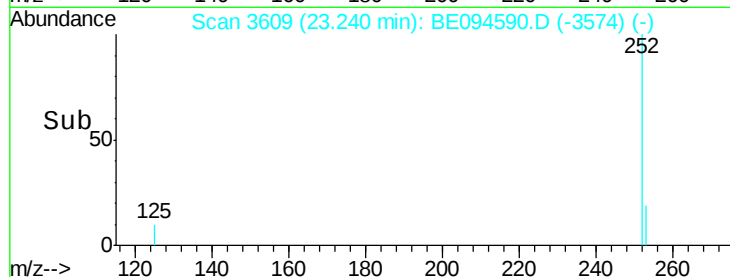
B-8(1.5-2.5)_101017



Tgt Ion:	252	Resp:	30474
Ion Ratio	Lower	Upper	
252	100		
253	34.6	24.5	36.7
125	36.2	13.7	20.5#

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#23

Benzo(a)pyrene

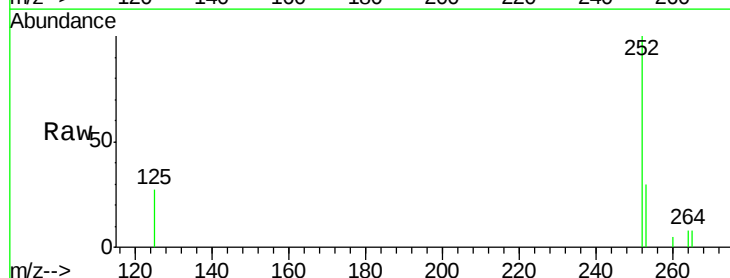
Concen: 1.862 ng/ul

RT: 23.86 min Scan# 3746

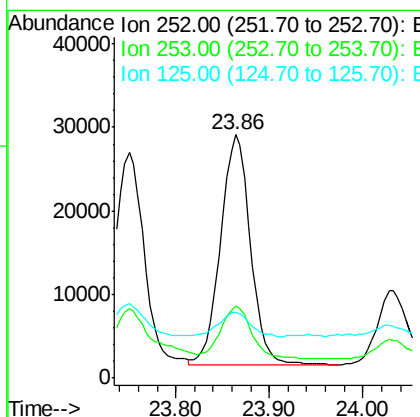
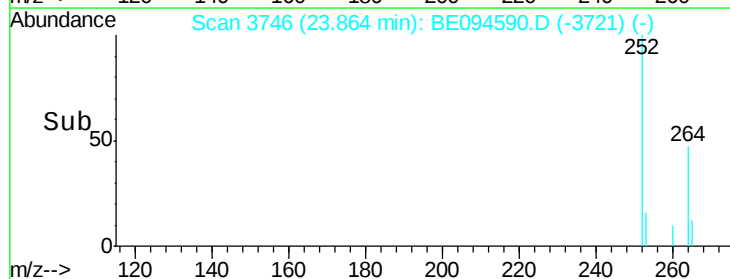
Delta R.T. 0.01 min

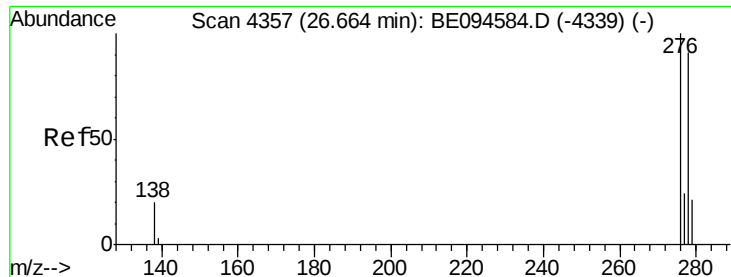
Lab File: BE094590.D

Acq: 27 Oct 2017 11:33



Tgt Ion:	252	Resp:	60591
Ion Ratio	Lower	Upper	
252	100		
253	29.5	28.5	42.7
125	27.1	18.1	27.1





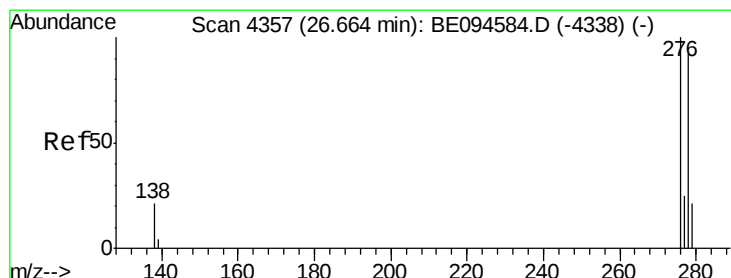
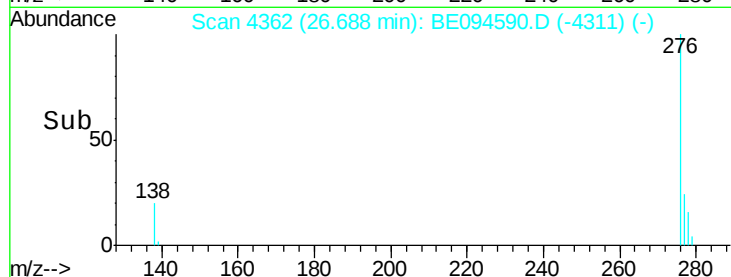
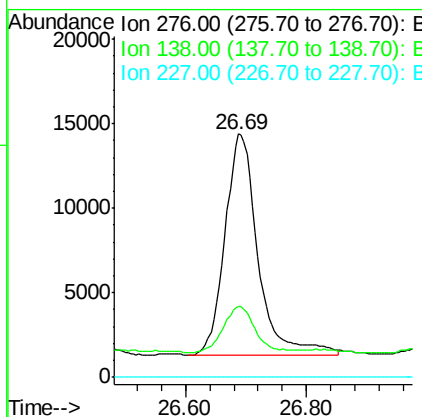
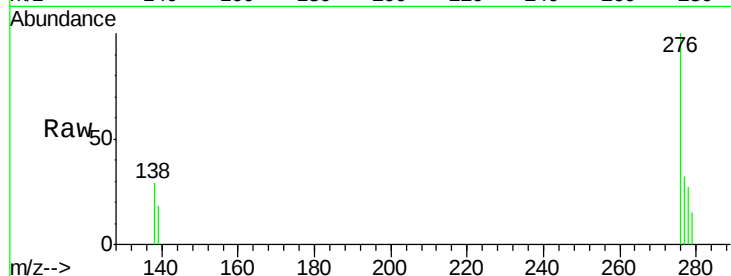
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.478 ng/u1
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.03 min
 Lab File: BE094590.D
 Acq: 27 Oct 2017 11:33

Instrument :
 BNA_E
 ClientSampleId :
 B-8(1.5-2.5)_101017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#

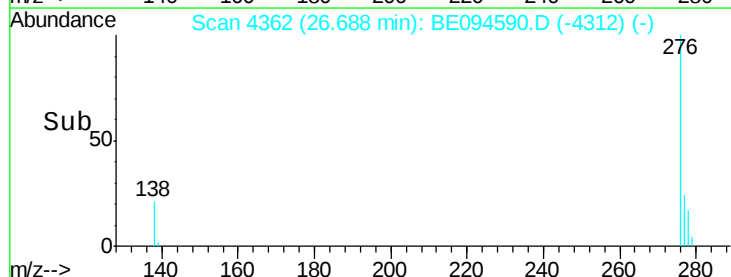
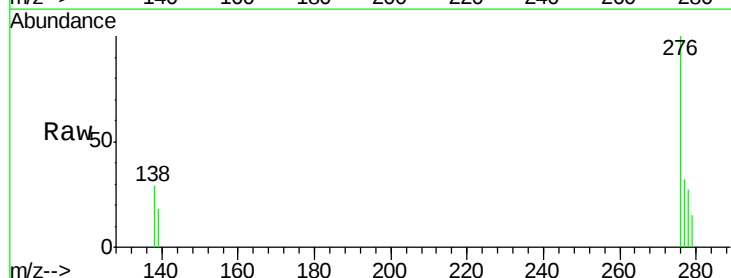
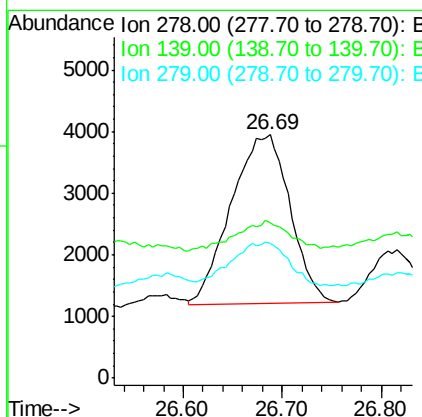
Manual Integrations
 APPROVED

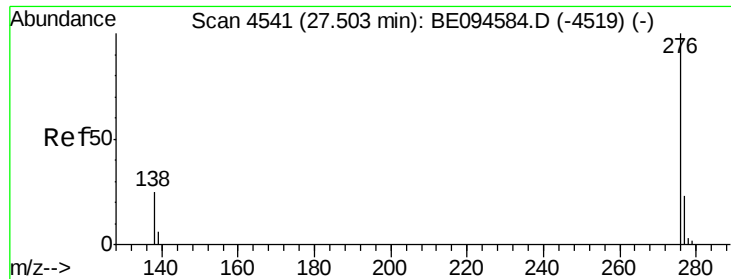
Sohil
 10/27/2017 5:36:06 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.400 ng/u1
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.03 min
 Lab File: BE094590.D
 Acq: 27 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	64.0	17.4	26.0#
279	55.6	25.9	38.9#





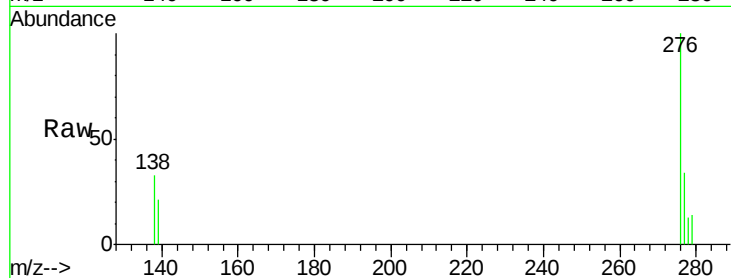
#26
Benzo(g,h,i)perylene
Concen: 1.414 ng/ul
RT: 27.54 min Scan# 4549
Delta R.T. 0.04 min
Lab File: BE094590.D
Acq: 27 Oct 2017 11:33

Instrument :
BNA_E
ClientSampleId :
B-8(1.5-2.5)_101017

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	33.5	21.8	32.8#	
277	34.3	20.5	30.7#	

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:06 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

