

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094588.D
 Acq On : 27 Oct 2017 10:19
 Operator : SJ/JU
 Sample : I5786-06 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-8(5-6.25)_101017

Manual Integrations
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 10/27/2017 5:36:37 PM

Quant Time: Oct 27 13:27:25 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	1836	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5892	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12750	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12144	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	12677	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	944	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	2275	0.06	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.75	128	2102	0.083	ng/ul#	90
5) 2-Methylnaphthalene	12.35	142	1547	0.088	ng/ul	100
7) Acenaphthylene	14.24	152	3748	0.141	ng/ul	95
8) Acenaphthene	14.58	153	1015	0.053	ng/ul#	91
9) Fluorene	15.57	166	2585	0.120	ng/ul	90
12) Phenanthrene	17.29	178	33229m	0.987	ng/ul	
13) Anthracene	17.40	178	7201	0.217	ng/ul#	93
15) Fluoranthene	19.32	202	47558	1.221	ng/ul	84
17) Pyrene	19.68	202	44625	1.189	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	21558	0.621	ng/ul#	87
19) Chrysene	21.47	228	24134	0.673	ng/ul#	85
21) Benzo(b)fluoranthene	23.19	252	29758m	0.834	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	9551m	0.250	ng/ul	
23) Benzo(a)pyrene	23.85	252	21293	0.597	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.67	276	13386	0.363	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	3408	0.110	ng/ul#	1
26) Benzo(g,h,i)perylene	27.52	276	11422	0.386	ng/ul#	63

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

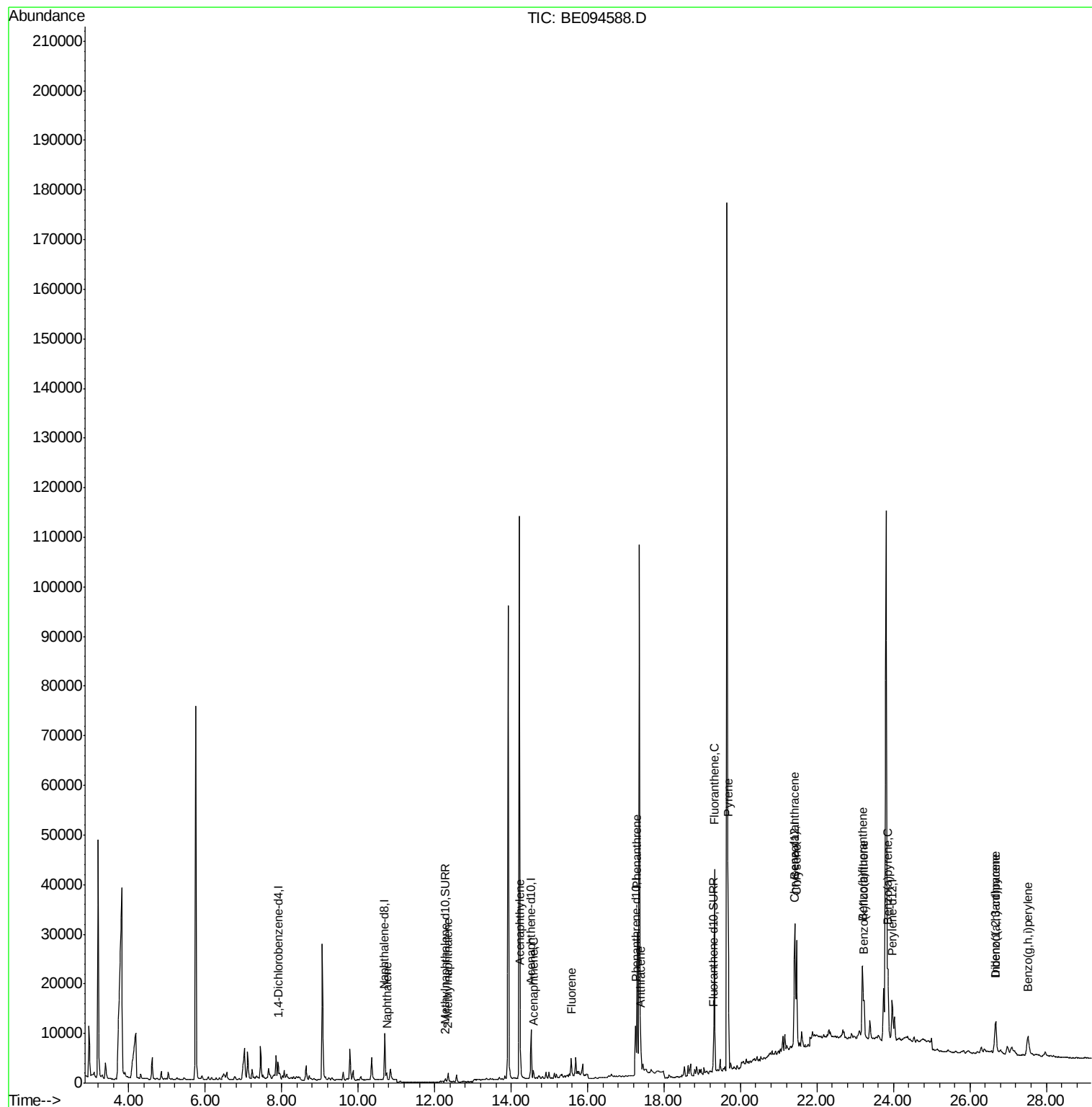
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 31 Sample Multiplier: 1

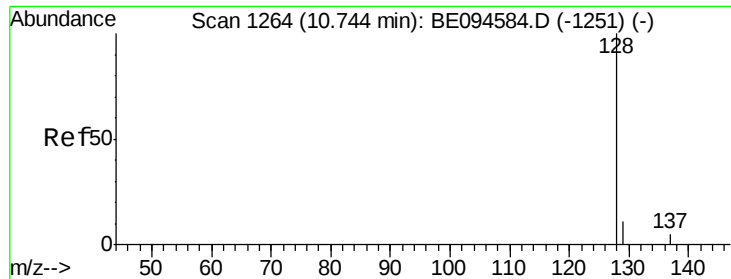
Instrument :
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B-8(5-6.25)_101017

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Fri Oct 27 04:05:19 2017
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#3

Naphthalene

Concen: 0.083 ng/ul

RT: 10.75 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

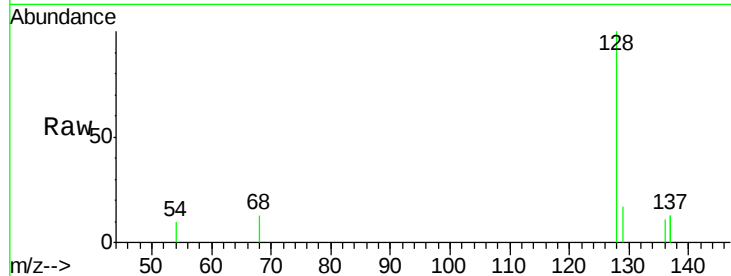
ClientSampleId :

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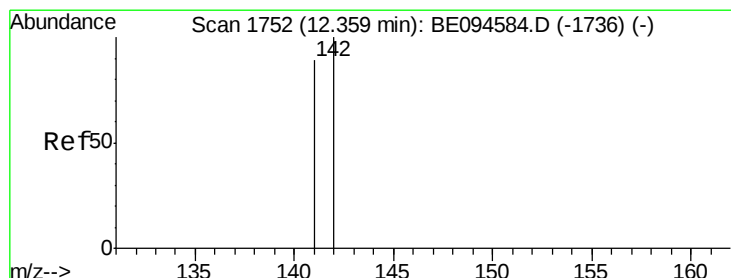
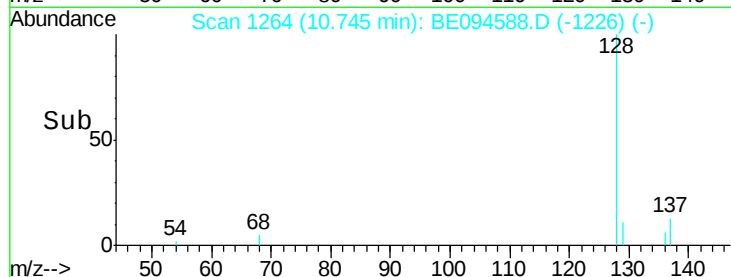
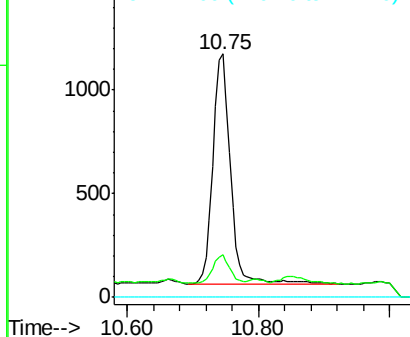
Tgt Ion:	128	Resp:	2102
Ion Ratio	Lower	Upper	
128	100		
129	17.5	11.3	16.9#
127	0.0	4.0	6.0#

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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: 0.088 ng/ul

RT: 12.35 min Scan# 1749

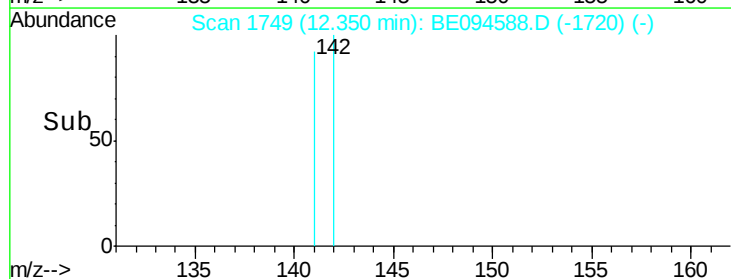
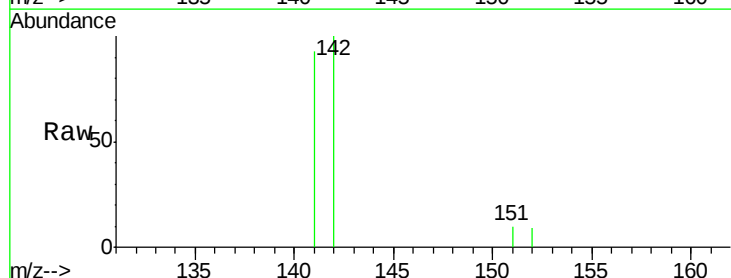
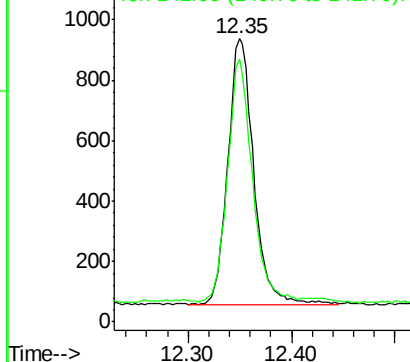
Delta R.T. -0.01 min

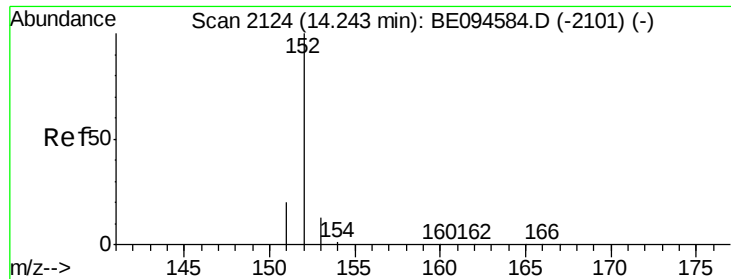
Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Tgt Ion:	142	Resp:	1547
Ion Ratio	Lower	Upper	
142	100		
141	91.0	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: 0.141 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

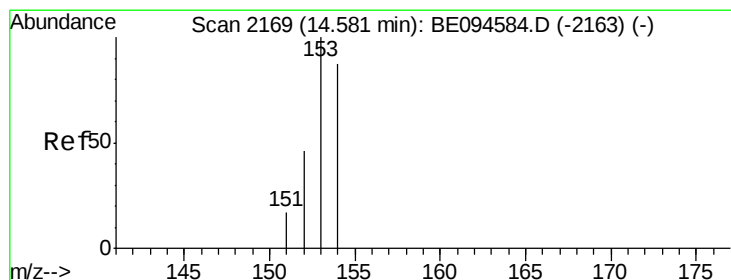
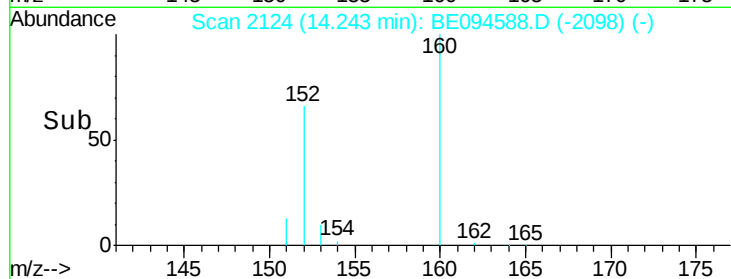
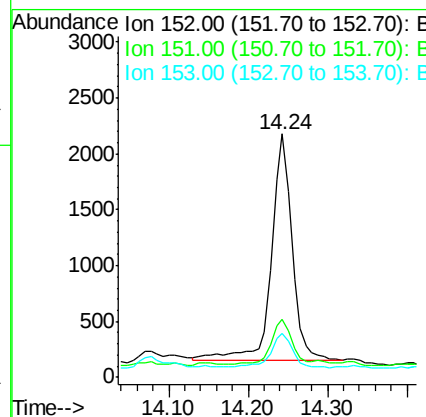
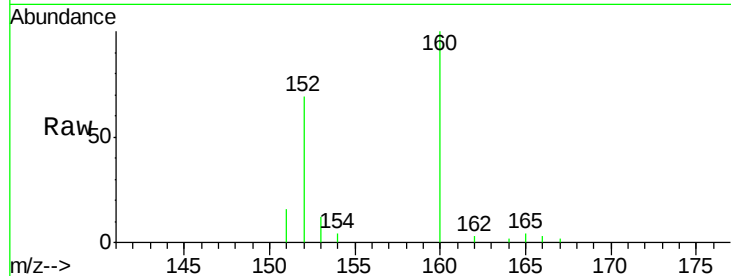
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.1	25.7
153	18.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.053 ng/ul

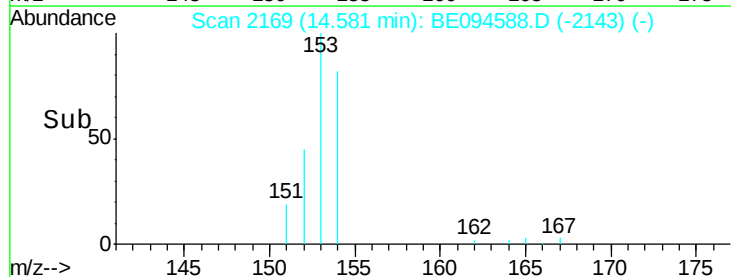
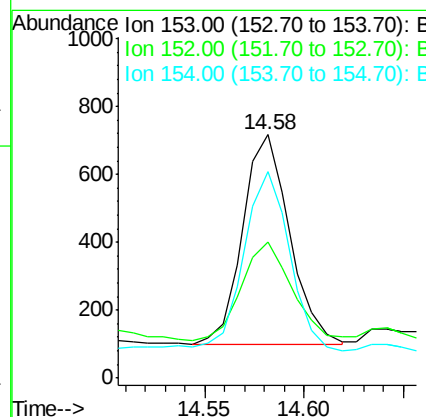
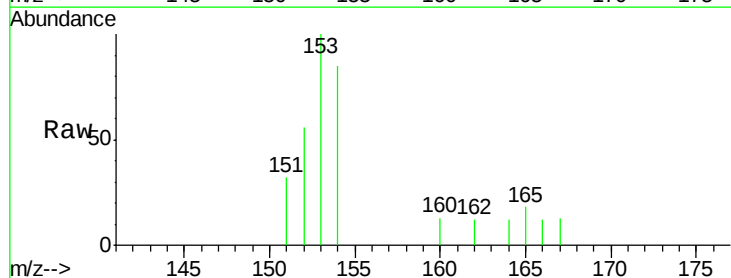
RT: 14.58 min Scan# 2169

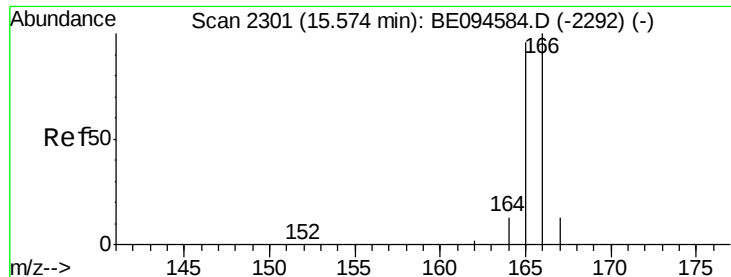
Delta R.T. -0.01 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.8	36.0	54.0#
154	84.9	72.0	108.0





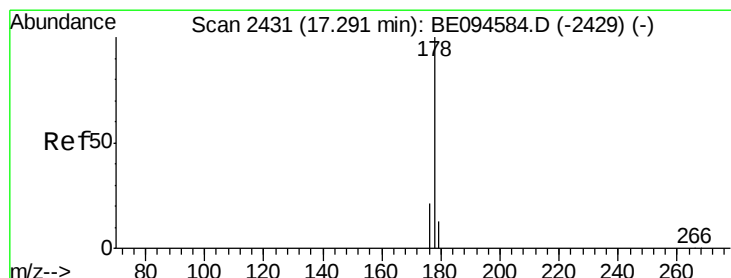
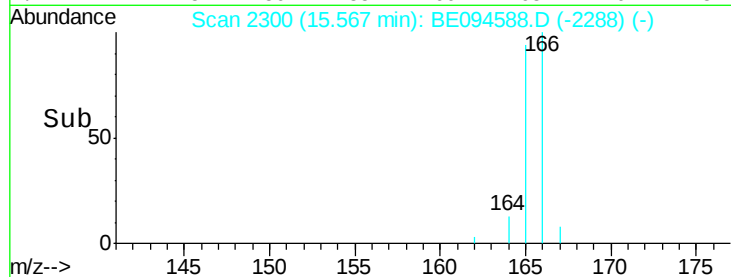
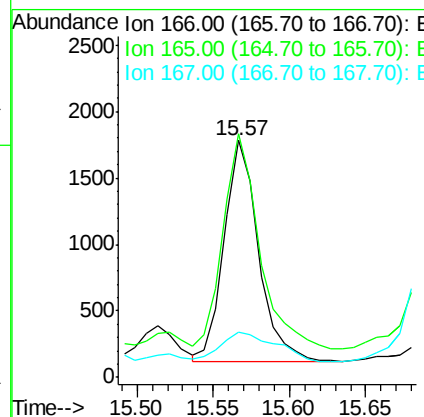
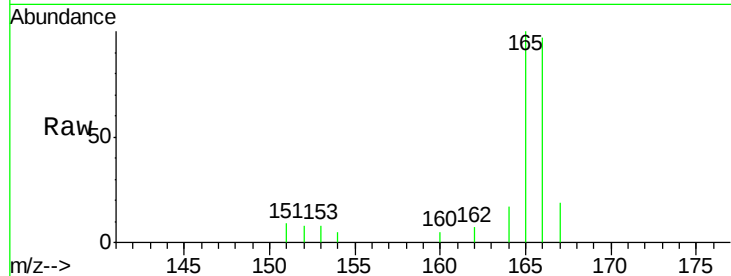
#9
Fluorene
 Concen: 0.120 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094588.D
 Acq: 27 Oct 2017 10:19

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	73.4	110.2
167	19.3	14.6	22.0

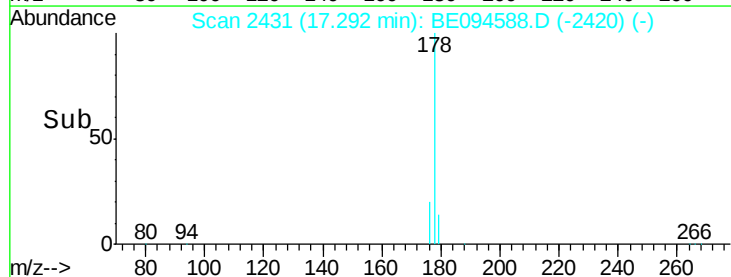
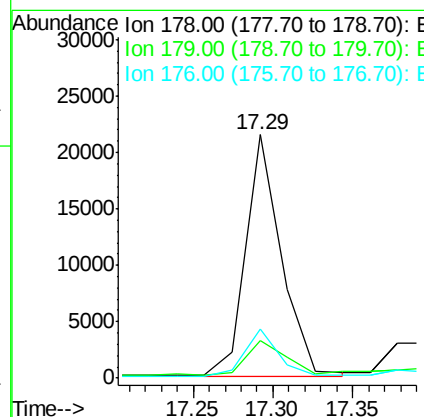
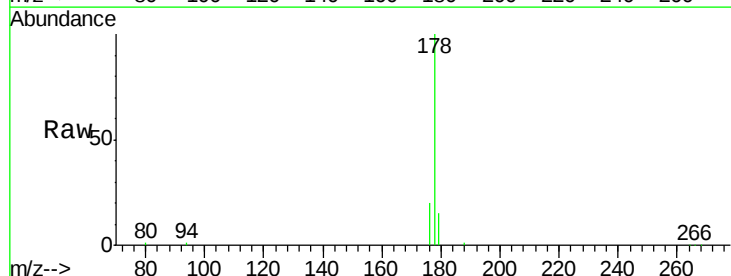
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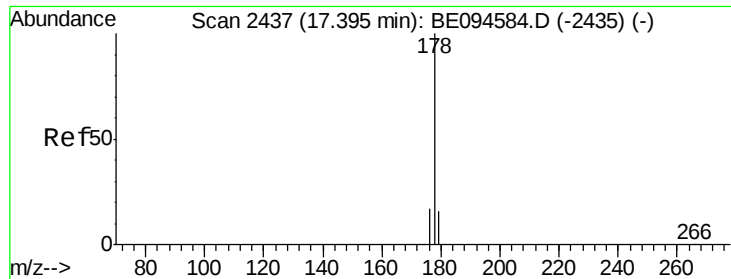
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#12
Phenanthrene
 Concen: 0.987 ng/ul m
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094588.D
 Acq: 27 Oct 2017 10:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	20.1	13.6	20.4





#13

Anthracene

Concen: 0.217 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

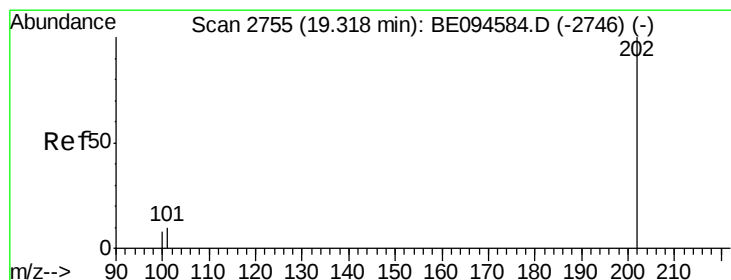
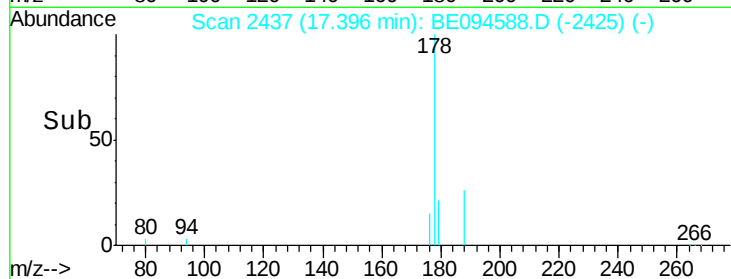
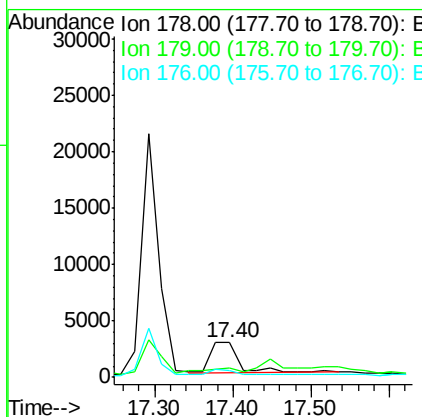
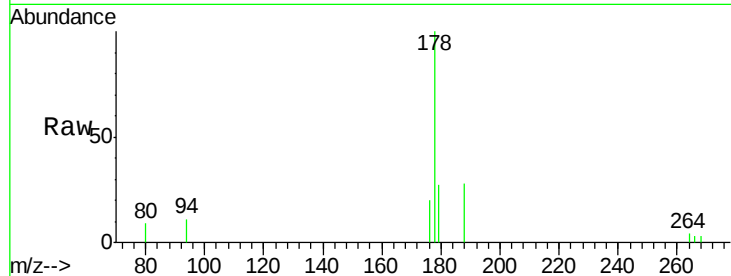
ClientSampleId :

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Tgt Ion:	178	Resp:	7201
Ion Ratio	Lower	Upper	
178	100		
179	27.4	18.1	27.1#
176	19.6	14.7	22.1

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#15

Fluoranthene

Concen: 1.221 ng/ul

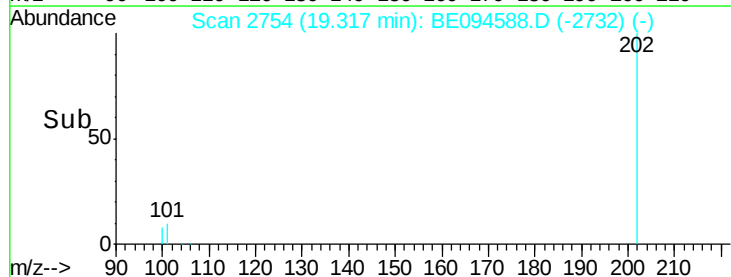
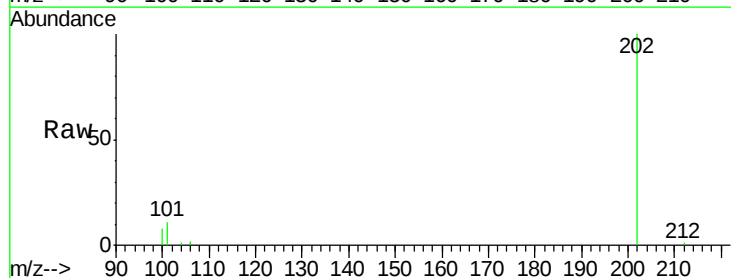
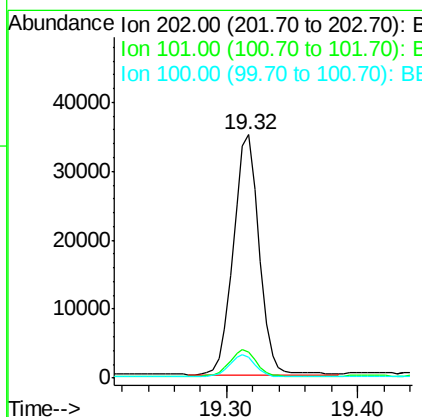
RT: 19.32 min Scan# 2754

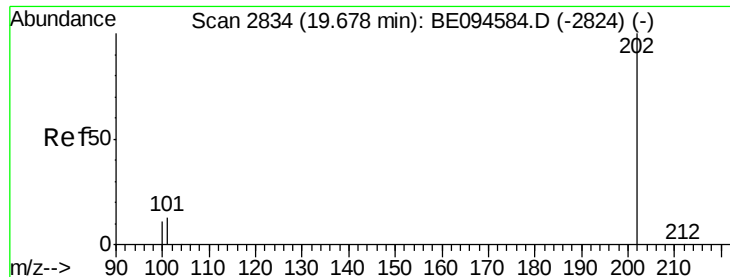
Delta R.T. -0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Tgt Ion:	202	Resp:	47558
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.3
100	8.4	0.0	39.5





#17

Pyrene

Concen: 1.189 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

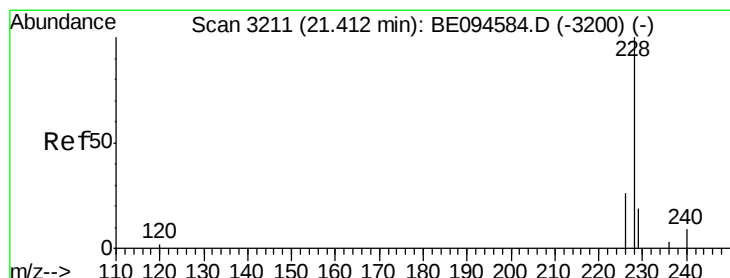
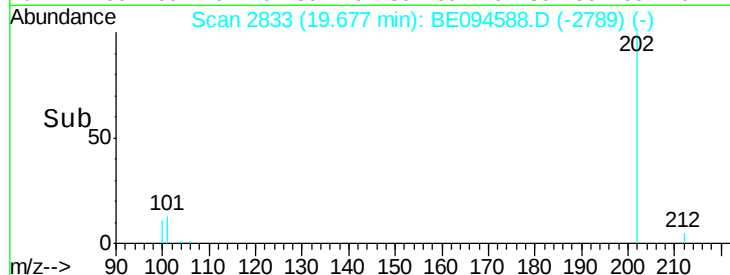
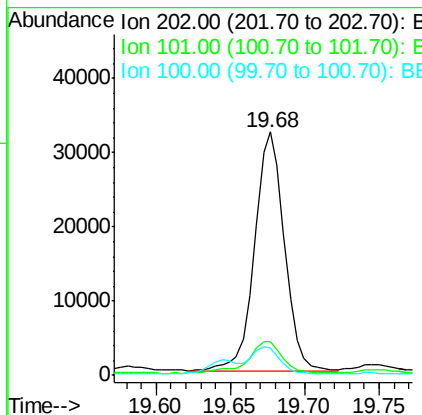
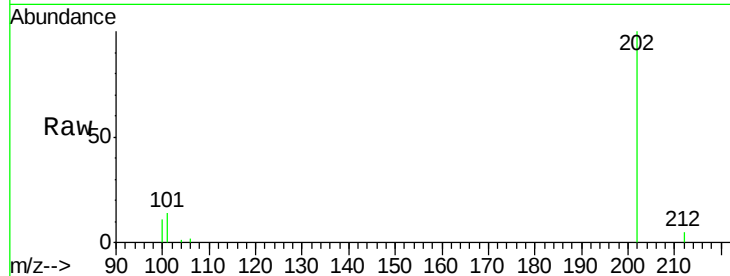
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Tgt Ion:	202	Resp:	44625
Ion Ratio	Lower	Upper	
202	100		
101	13.6	18.2	27.4#
100	11.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.621 ng/ul

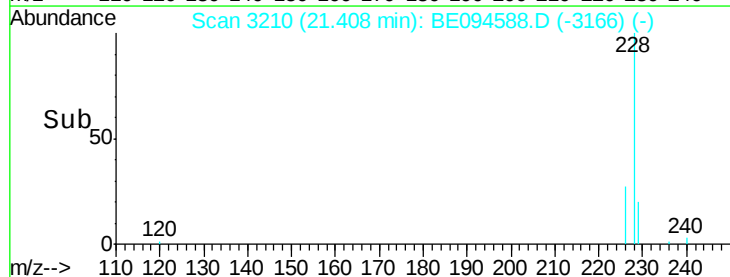
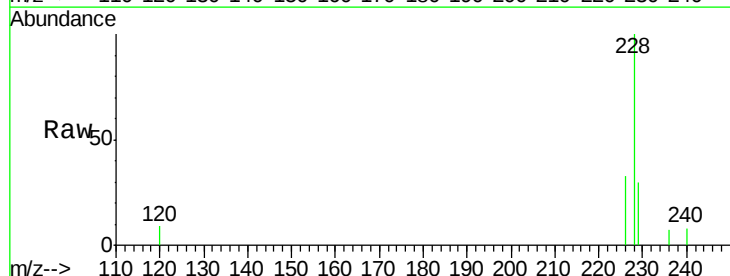
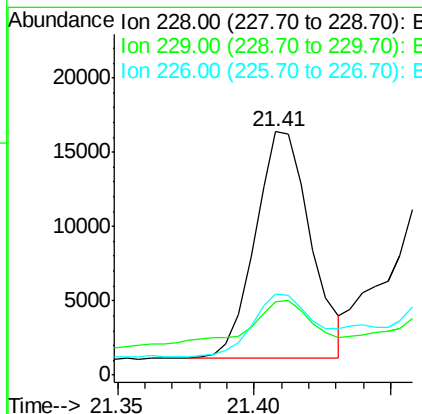
RT: 21.41 min Scan# 3210

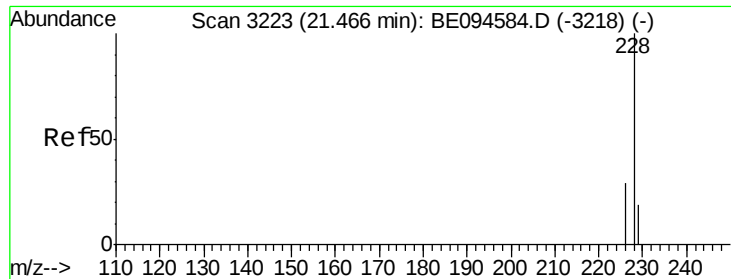
Delta R.T. -0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Tgt Ion:	228	Resp:	21558
Ion Ratio	Lower	Upper	
228	100		
229	30.1	22.8	34.2
226	33.2	17.0	25.6#





#19

Chrysene

Concen: 0.673 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

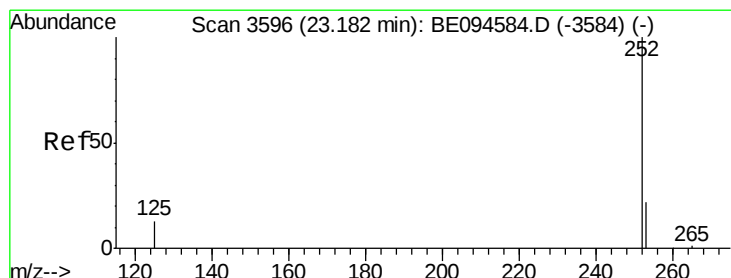
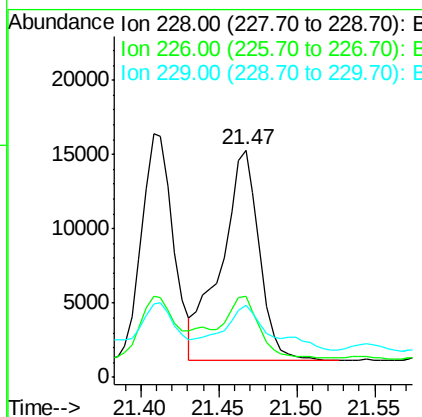
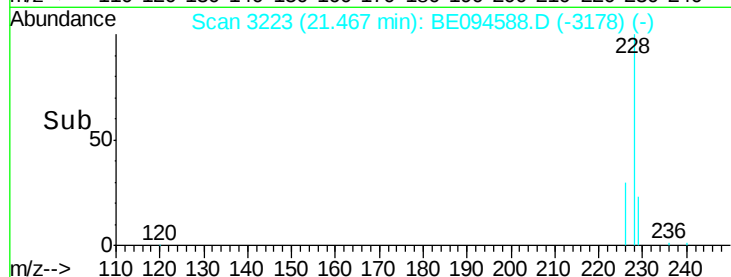
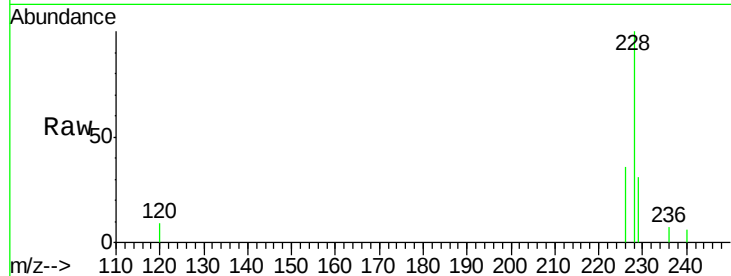
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Tgt Ion:	228	Resp:	24134
Ion Ratio	Lower	Upper	
228	100		
226	35.8	23.4	35.0#
229	31.5	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.834 ng/ul m

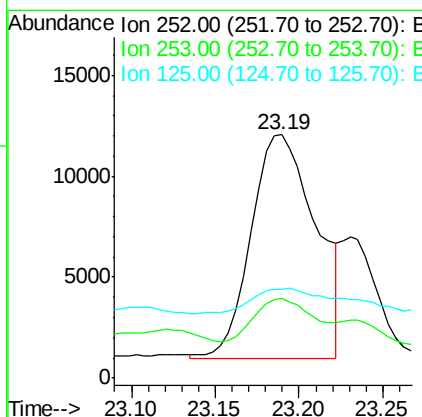
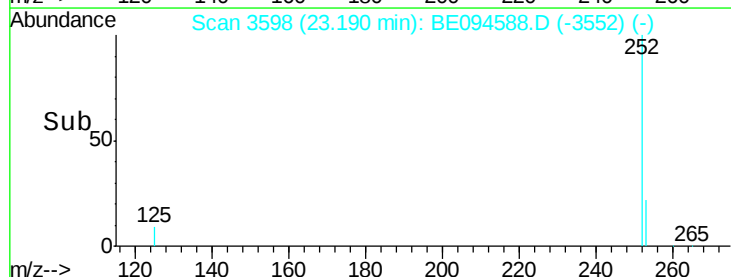
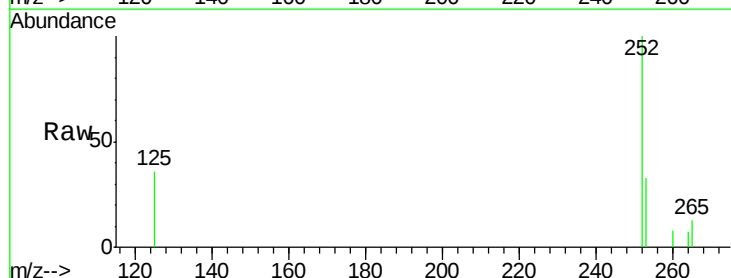
RT: 23.19 min Scan# 3598

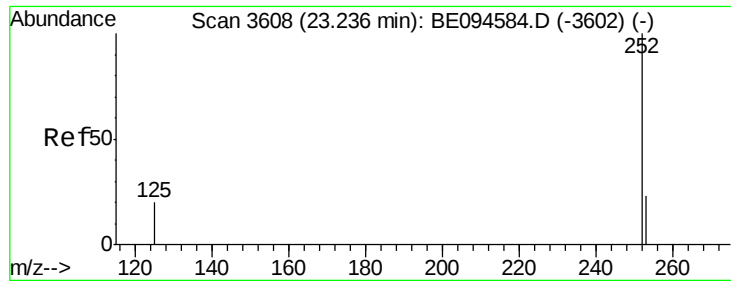
Delta R.T. 0.01 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Tgt Ion:	252	Resp:	29758
Ion Ratio	Lower	Upper	
252	100		
253	32.8	0.0	64.2
125	36.4	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.250 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

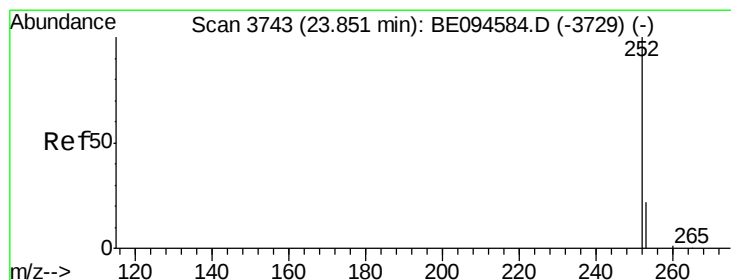
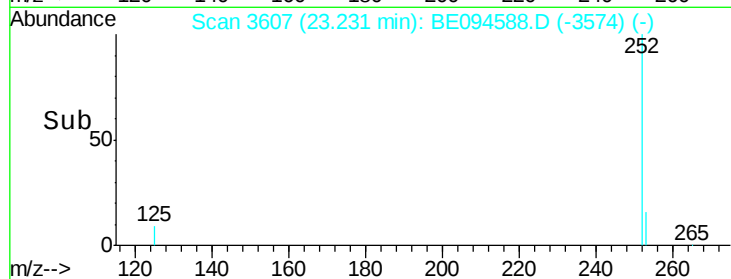
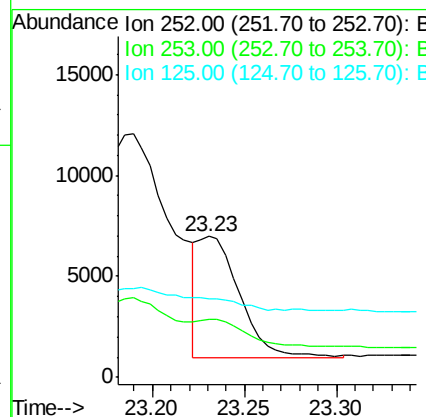
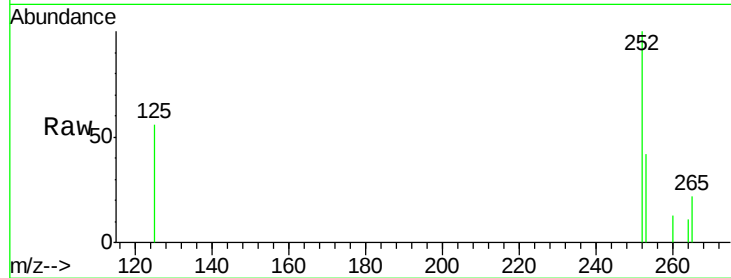
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Tgt Ion:	252	Resp:	9551
Ion Ratio	Lower	Upper	
252	100		
253	41.6	24.5	36.7#
125	56.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.597 ng/ul

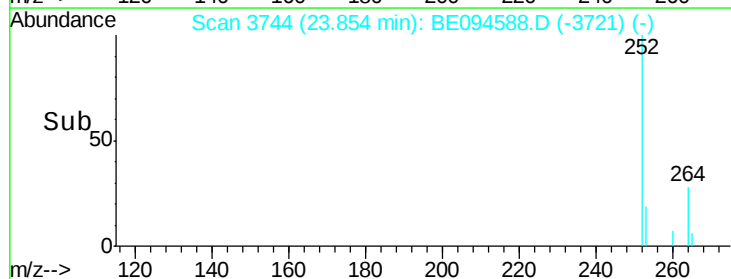
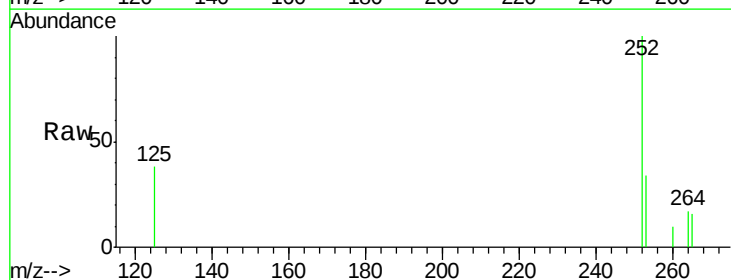
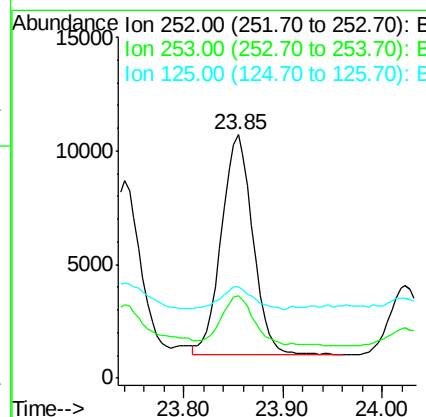
RT: 23.85 min Scan# 3744

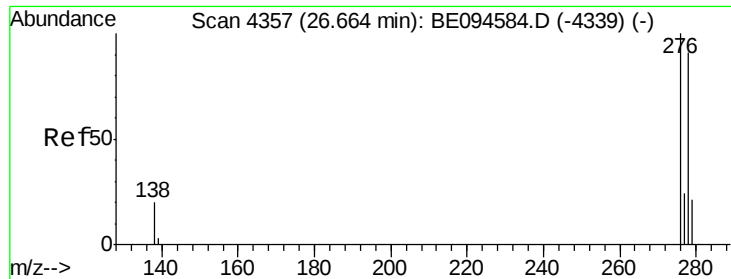
Delta R.T. 0.00 min

Lab File: BE094588.D

Acq: 27 Oct 2017 10:19

Tgt Ion:	252	Resp:	21293
Ion Ratio	Lower	Upper	
252	100		
253	33.6	28.5	42.7
125	37.5	18.1	27.1#





#24

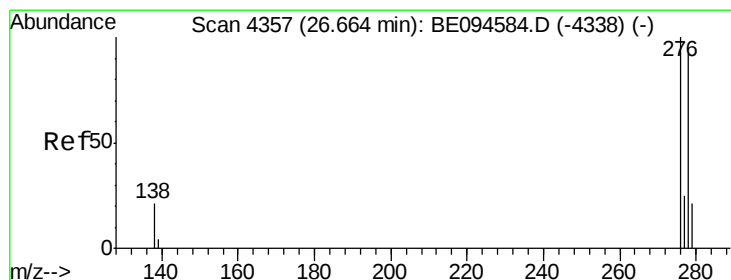
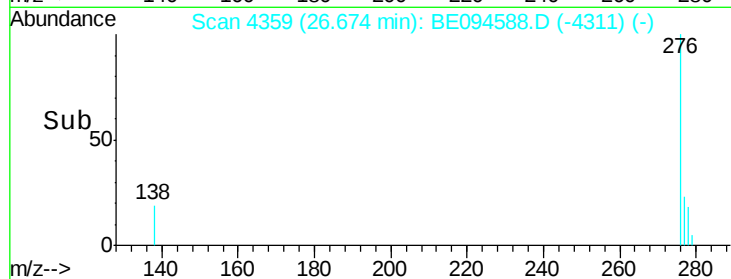
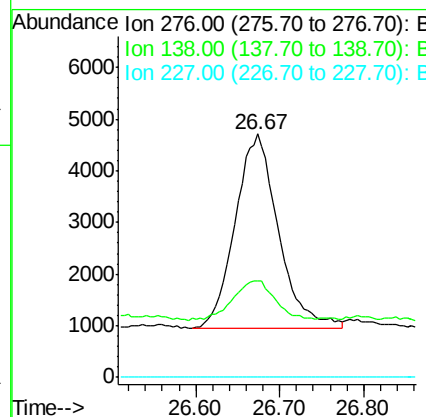
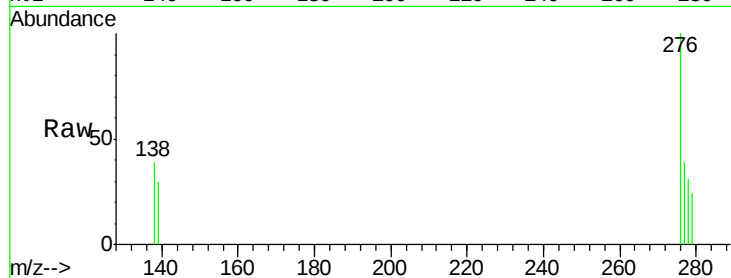
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/u1
RT: 26.67 min Scan# 4359
Delta R.T. 0.02 min
Lab File: BE094588.D
Acq: 27 Oct 2017 10:19

Instrument :
BNA_E
ClientSampleId :
B-8(5-6.25)_101017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

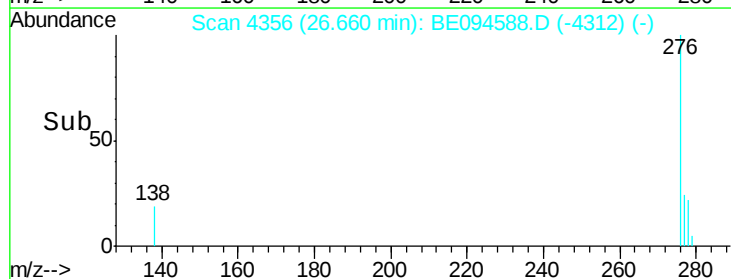
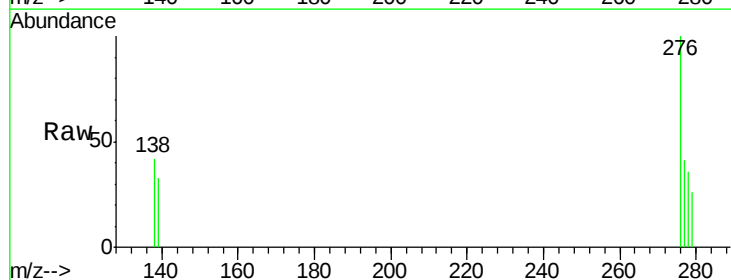
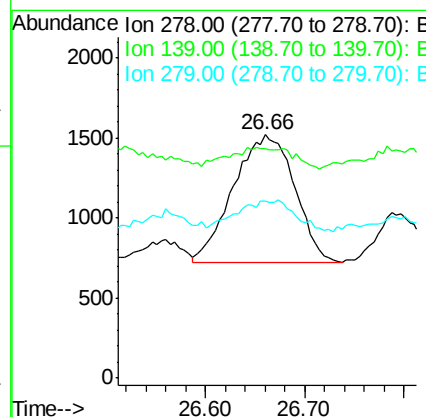
Sohil
10/27/2017 5:36:37 PM

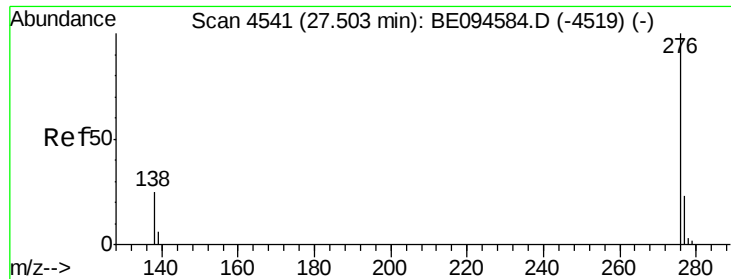


#25

Dibenzo(a,h)anthracene
Concen: 0.110 ng/u1
RT: 26.66 min Scan# 4356
Delta R.T. 0.00 min
Lab File: BE094588.D
Acq: 27 Oct 2017 10:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	94.2	17.4	26.0#
279	72.6	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.386 ng/ul

RT: 27.52 min Scan# 4544

Delta R.T. 0.02 min

Lab File: BE094588.D

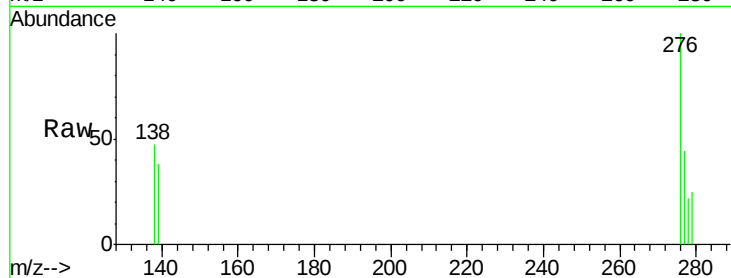
Acq: 27 Oct 2017 10:19

Instrument :

BNA_E

ClientSampleId :

B-8(5-6.25)_101017



Tgt Ion: 276 Resp: 11422

Ion Ratio Lower Upper

276 100

138 47.1 21.8 32.8#

277 43.9 20.5 30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:36:37 PM

