

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094739.D
 Acq On : 4 Nov 2017 9:53
 Operator : SJ/JU
 Sample : I5955-06MS 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-15(0.25-1.25)-101717MS

Manual Integrations
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 11/6/2017 5:58:50 PM

Quant Time: Nov 06 00:24:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1669	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	9690	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5539	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12045	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12004	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11923	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	418	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1037	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2463	0.104	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	1706	0.103	ng/ul	98
7) Acenaphthylene	14.24	152	690	0.028	ng/ul#	68
8) Acenaphthene	14.57	153	587	0.033	ng/ul#	93
12) Phenanthrene	17.29	178	6101	0.192	ng/ul#	93
13) Anthracene	17.38	178	1093m	0.035	ng/ul	
15) Fluoranthene	19.31	202	10854	0.295	ng/ul	83
17) Pyrene	19.67	202	15153	0.408	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	5592	0.163	ng/ul#	30
19) Chrysene	21.46	228	14626	0.412	ng/ul#	53
21) Benzo(b)fluoranthene	23.19	252	11257m	0.336	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2968m	0.083	ng/ul	
23) Benzo(a)pyrene	23.85	252	6232	0.186	ng/ul#	26
24) Indeno(1,2,3-cd)pyrene	26.67	276	4777	0.138	ng/ul#	72
25) Dibenzo(a,h)anthracene	26.67	278	1445	0.049	ng/ul#	1
26) Benzo(g,h,i)perylene	27.52	276	5622	0.202	ng/ul#	50

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

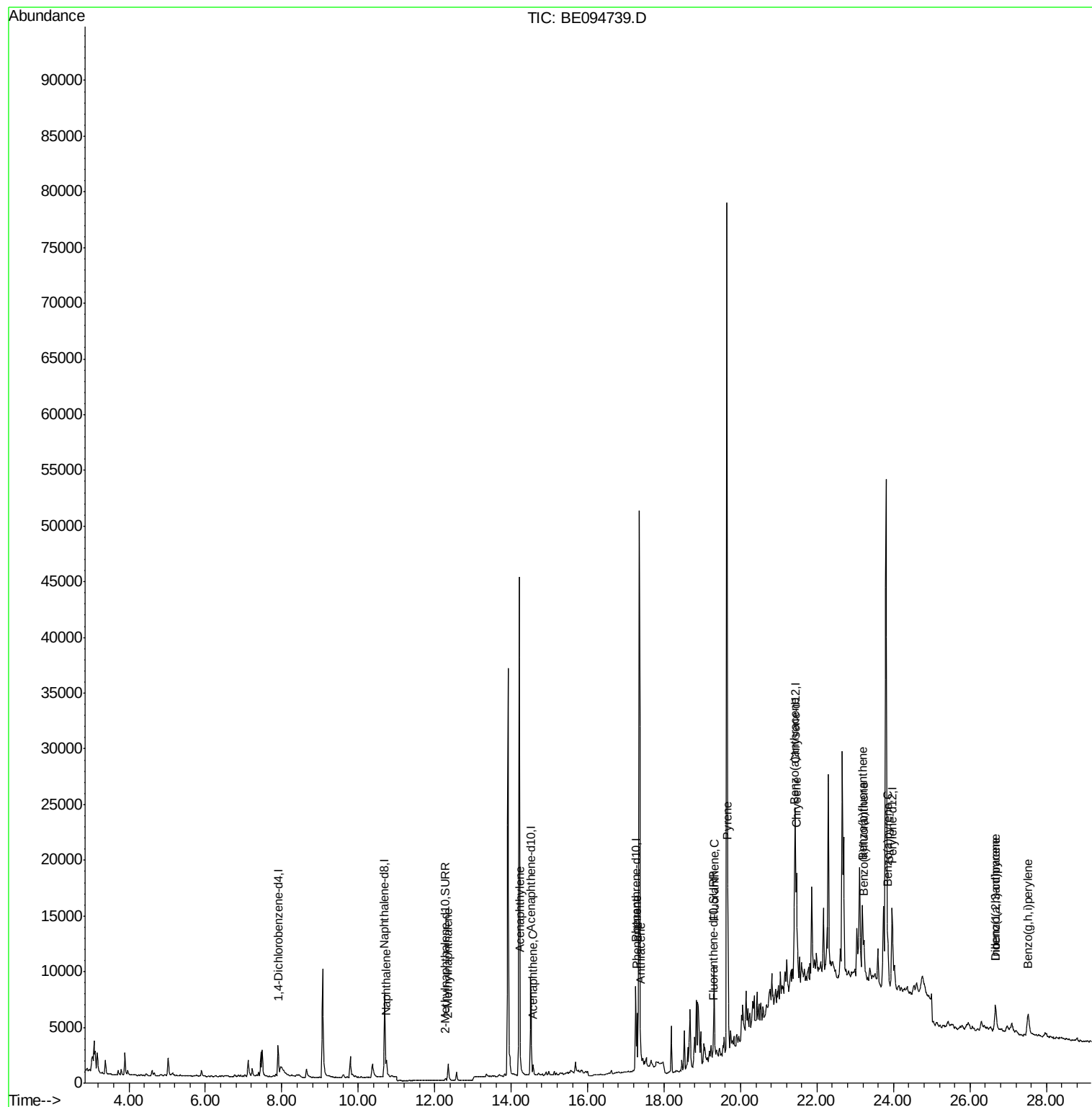
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094739.D
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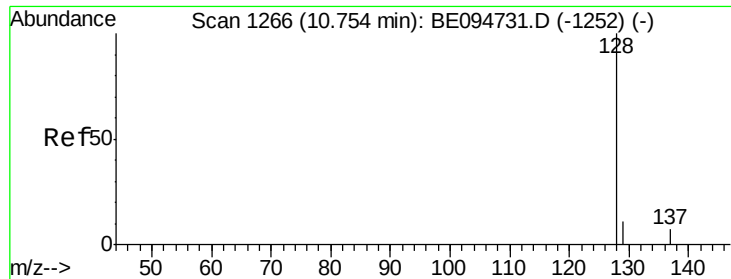
Instrument :
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B-15(0.25-1.25)-101717MS

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QLast Update : Sat Nov 04 06:57:51 2017
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#3

Naphthalene

Concen: 0.104 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Instrument :

BNA_E

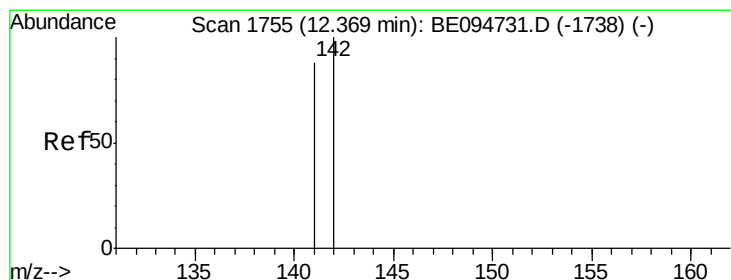
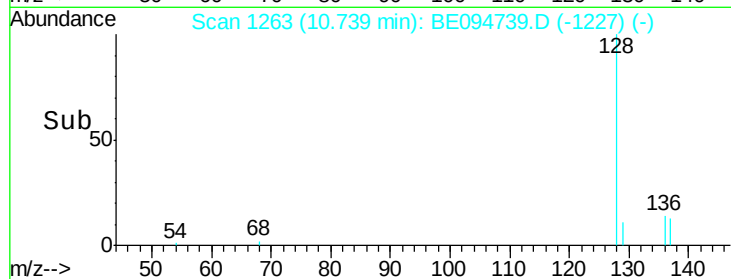
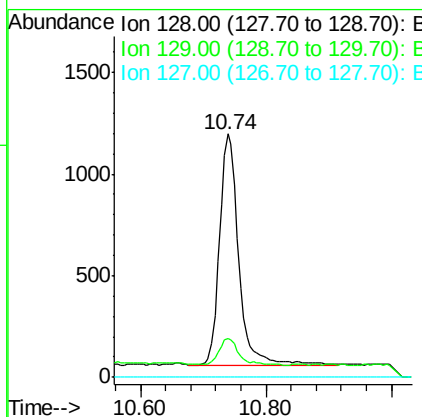
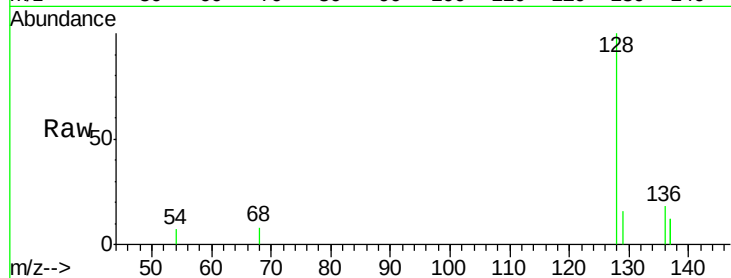
ClientSampleId :

B-15(0.25-1.25)-101717MS

Tgt Ion:	128	Resp:	2463
Ion Ratio	Lower	Upper	
128	100		
129	16.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.103 ng/ul

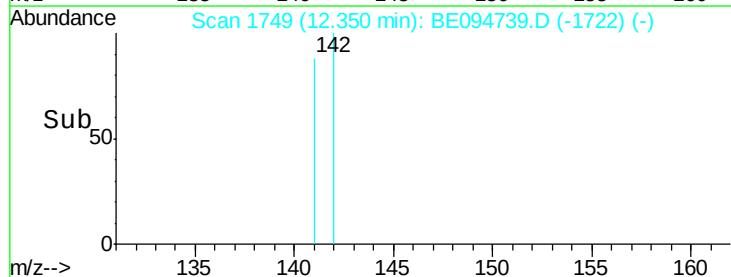
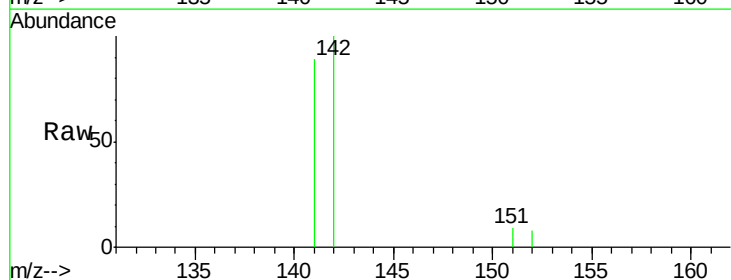
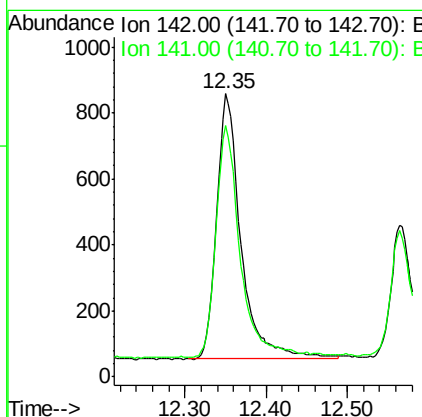
RT: 12.35 min Scan# 1749

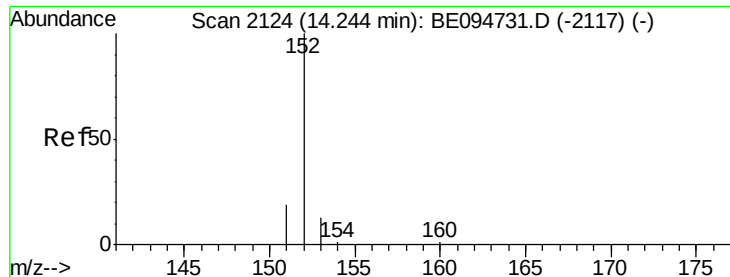
Delta R.T. -0.02 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Tgt Ion:	142	Resp:	1706
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Instrument :

BNA_E

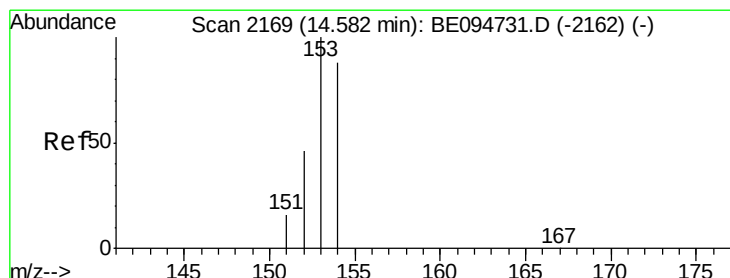
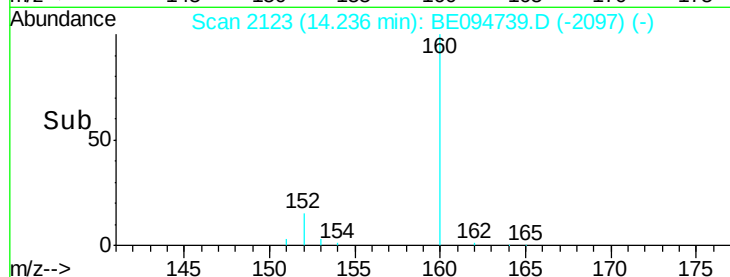
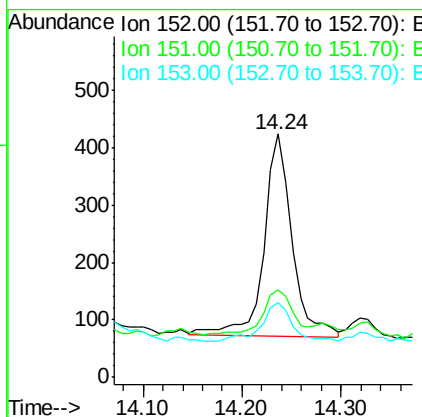
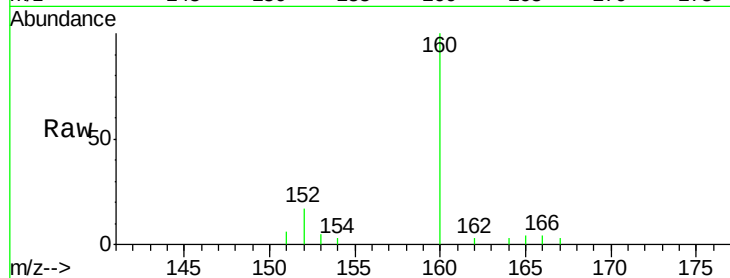
ClientSampleId :

B-15(0.25-1.25)-101717MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	35.8	17.1	25.7#
153	30.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.033 ng/ul

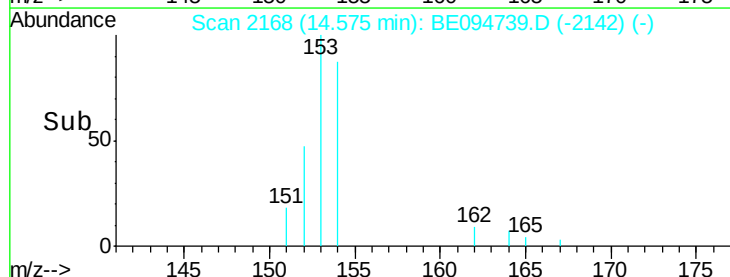
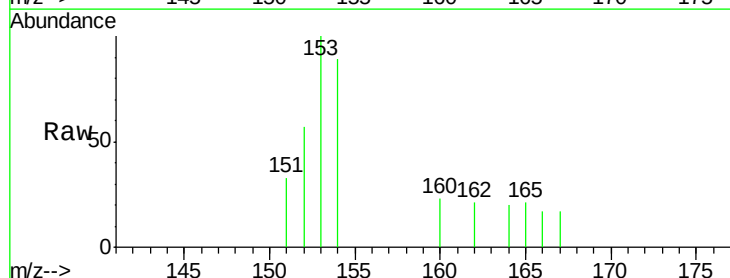
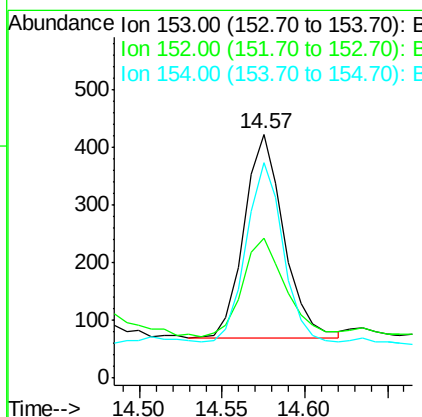
RT: 14.57 min Scan# 2168

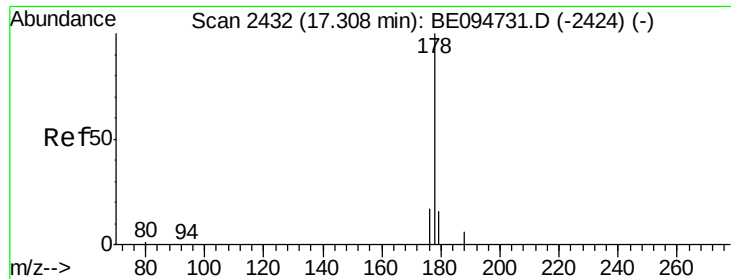
Delta R.T. -0.01 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	57.4	36.0	54.0#
154	88.7	72.0	108.0





#12

Phenanthrene

Concen: 0.192 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Instrument :

BNA_E

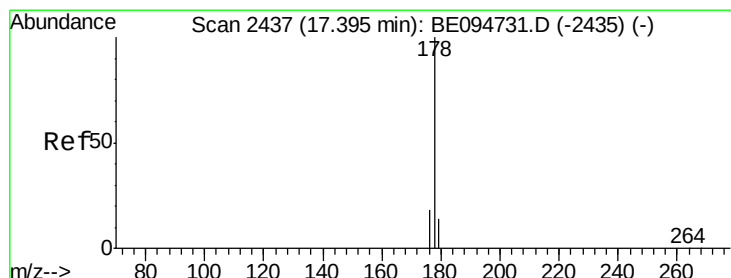
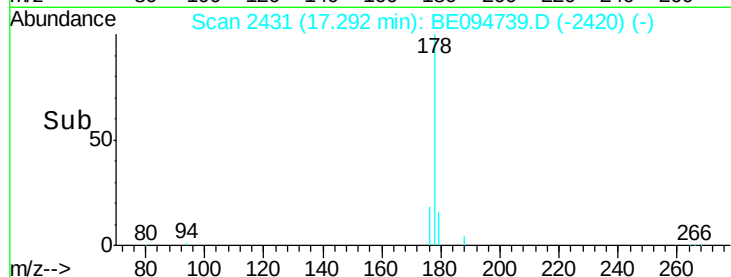
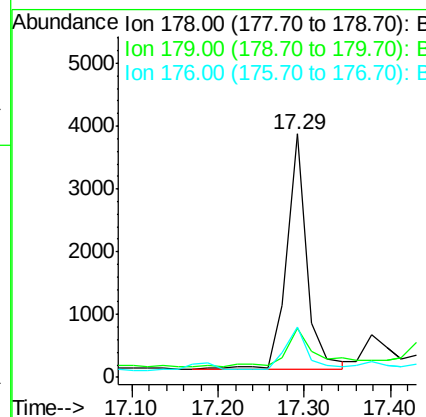
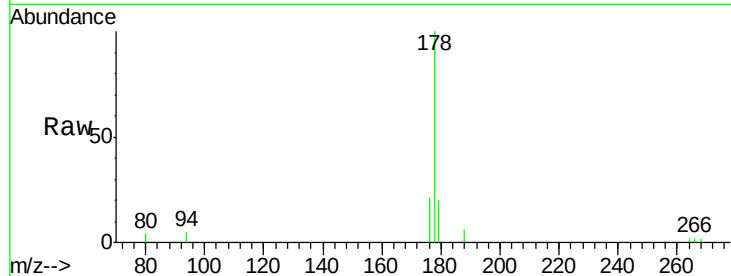
ClientSampleId :

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Tgt Ion:	178	Resp:	6101
Ion Ratio	Lower	Upper	
178	100		
179	20.4	18.4	27.6
176	20.7	13.6	20.4#

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#13

Anthracene

Concen: 0.035 ng/ul m

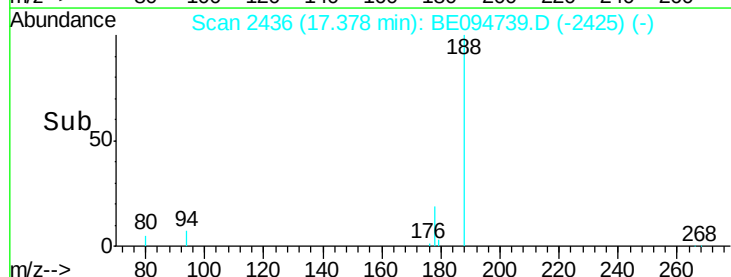
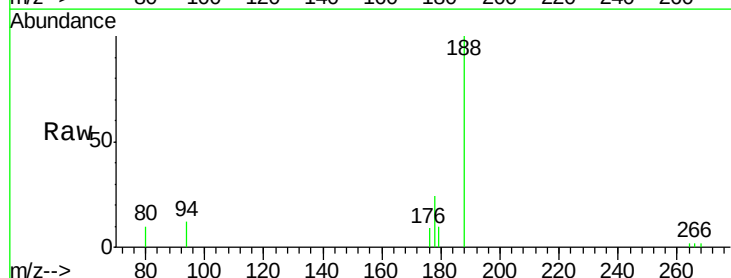
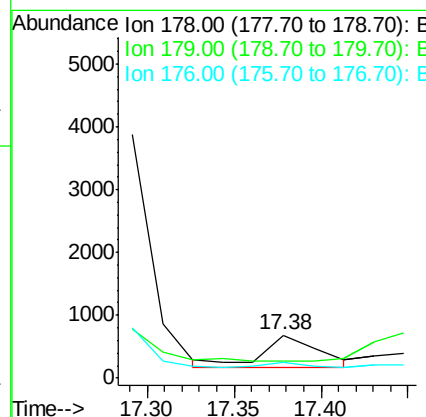
RT: 17.38 min Scan# 2436

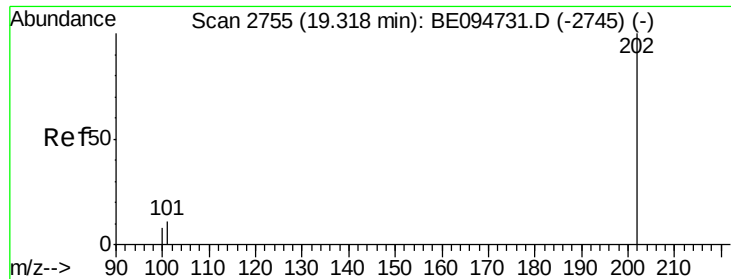
Delta R.T. -0.02 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Tgt Ion:	178	Resp:	1093
Ion Ratio	Lower	Upper	
178	100		
179	40.5	18.1	27.1#
176	36.5	14.7	22.1#





#15

Fluoranthene

Concen: 0.295 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Instrument :

BNA_E

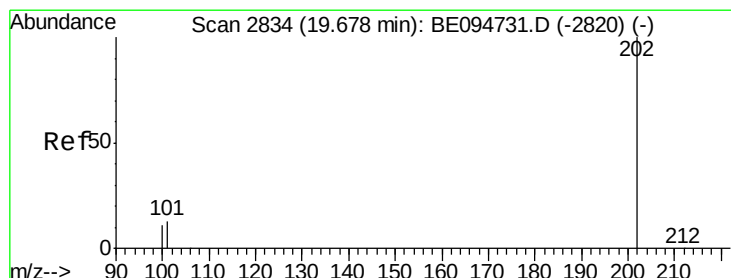
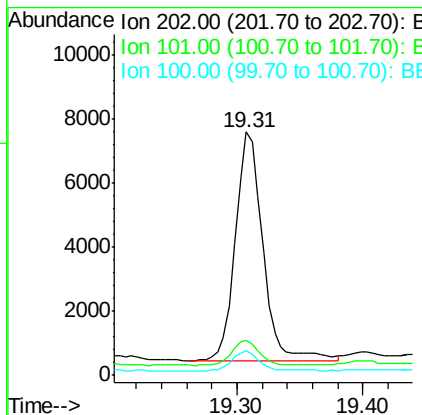
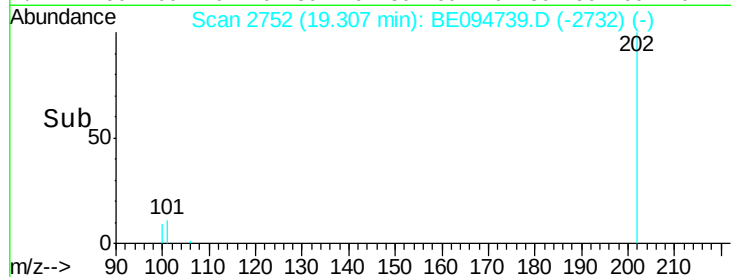
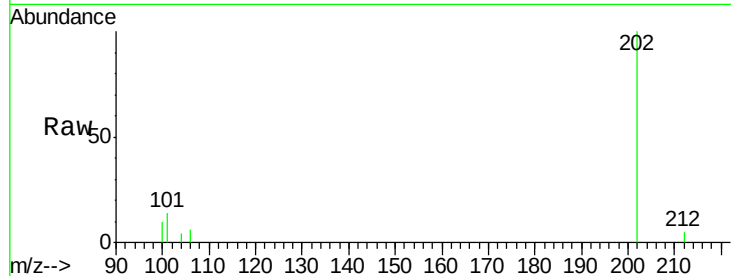
ClientSampleId :

B-15(0.25-1.25)-101717MS

Tgt Ion:	202	Resp:	10854
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	30.3
100	10.0	0.0	39.5

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#17

Pyrene

Concen: 0.408 ng/ul

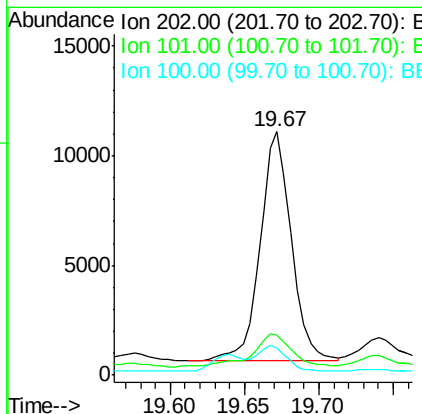
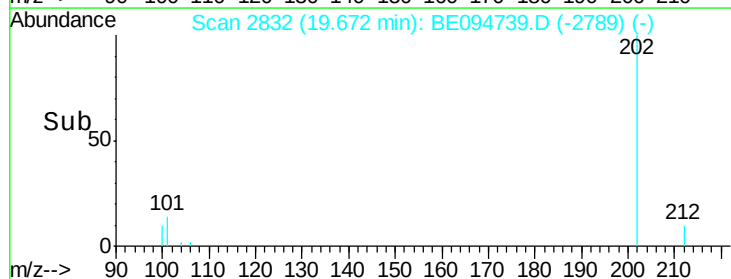
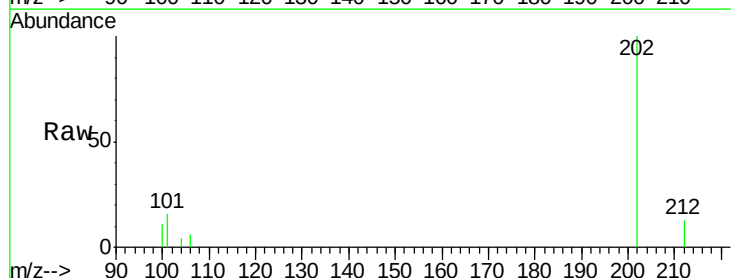
RT: 19.67 min Scan# 2832

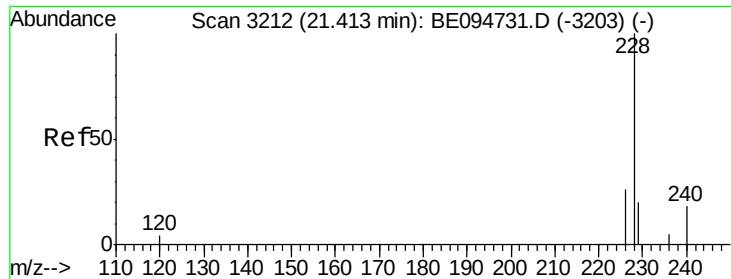
Delta R.T. -0.01 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Tgt Ion:	202	Resp:	15153
Ion Ratio	Lower	Upper	
202	100		
101	16.4	18.2	27.4#
100	11.0	15.6	23.4#





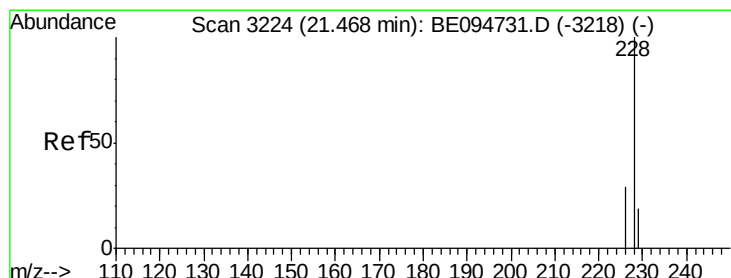
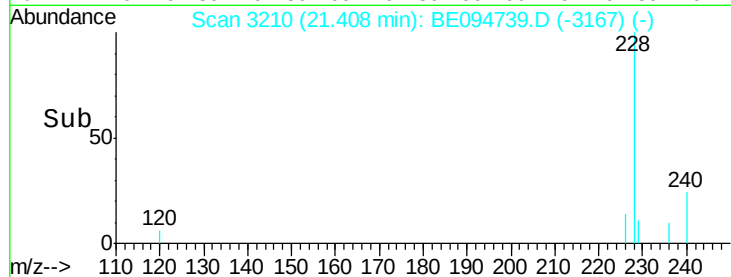
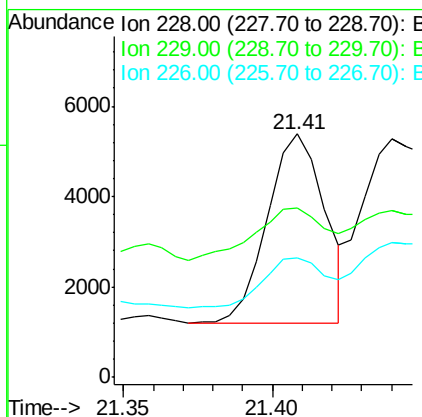
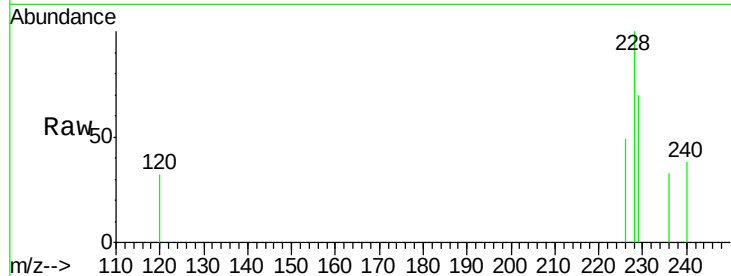
#18
 Benzo(a)anthracene
 Concen: 0.163 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.01 min
 Lab File: BE094739.D
 Acq: 4 Nov 2017 9:53

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	5592		
229	69.6	22.8	34.2#	
226	49.3	17.0	25.6#	

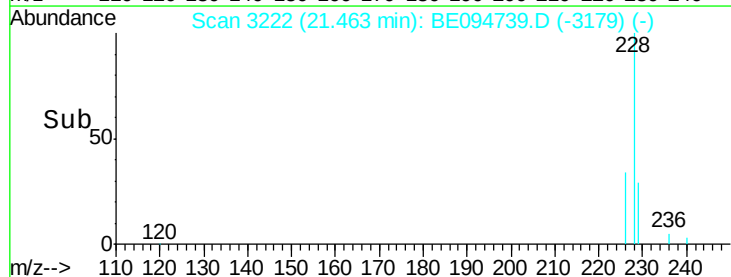
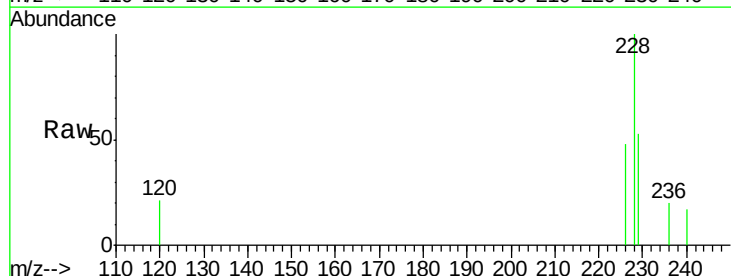
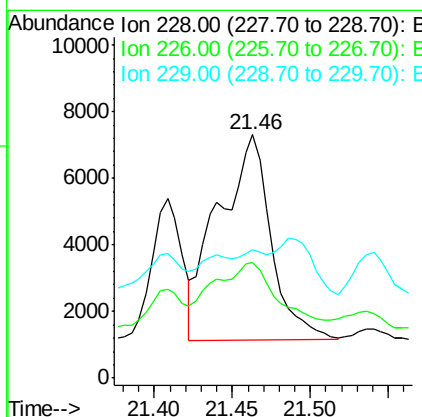
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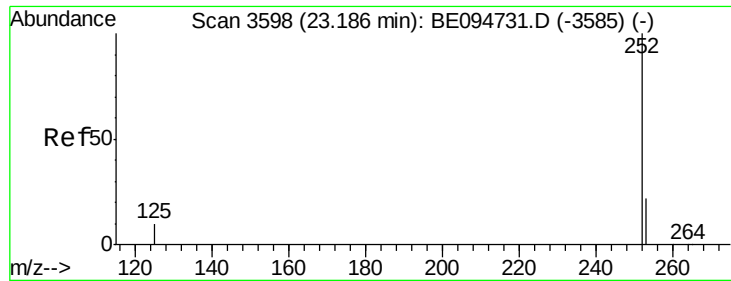
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#19
 Chrysene
 Concen: 0.412 ng/ul
 RT: 21.46 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BE094739.D
 Acq: 4 Nov 2017 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	14626		
226	47.6	23.4	35.0#	
229	52.9	17.7	26.5#	





#21

Benzo(b)fluoranthene

Concen: 0.336 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Instrument :

BNA_E

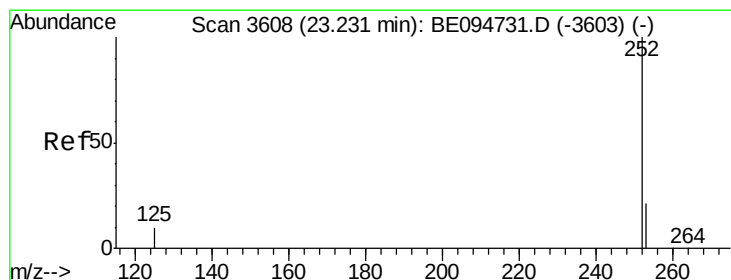
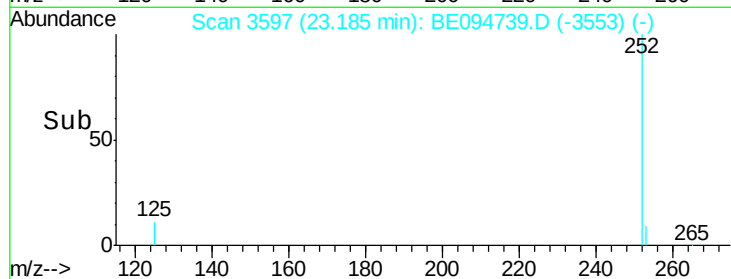
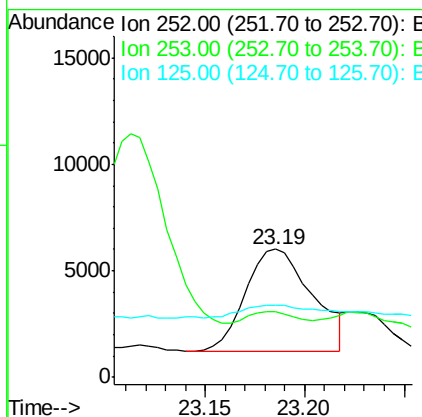
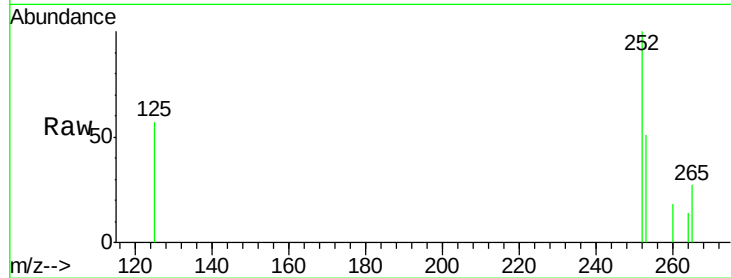
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Tgt Ion:	252	Resp:	11257
Ion Ratio		Lower	Upper
252	100		
253	50.9	0.0	64.2
125	56.8	0.0	35.0#

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#22

Benzo(k)fluoranthene

Concen: 0.083 ng/ul m

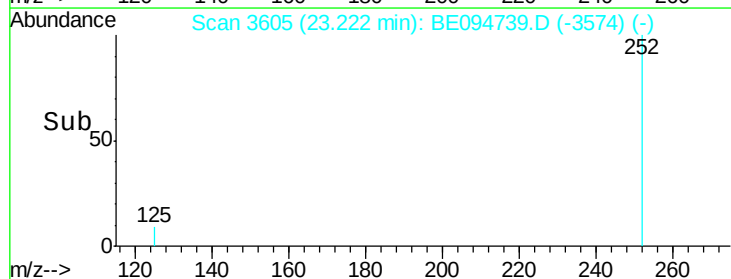
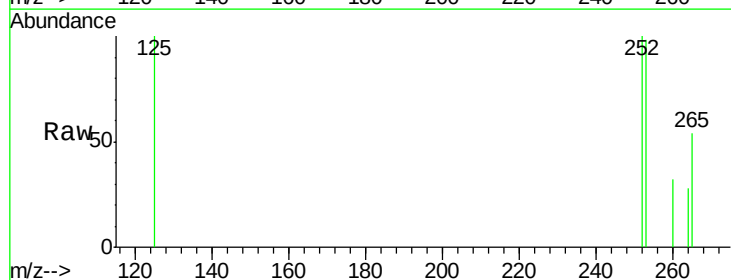
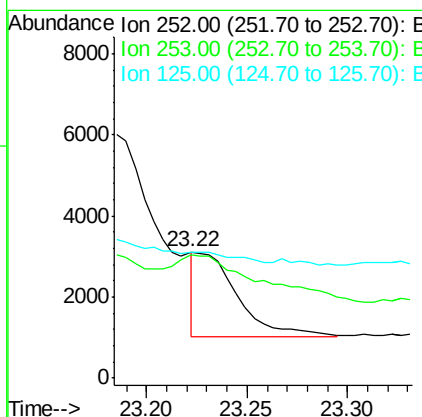
RT: 23.22 min Scan# 3605

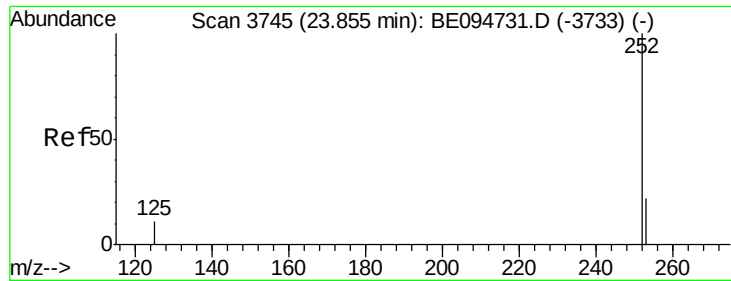
Delta R.T. -0.01 min

Lab File: BE094739.D

Acq: 4 Nov 2017 9:53

Tgt Ion:	252	Resp:	2968
Ion Ratio		Lower	Upper
252	100		
253	98.4	24.5	36.7#
125	100.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.186 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094739.D

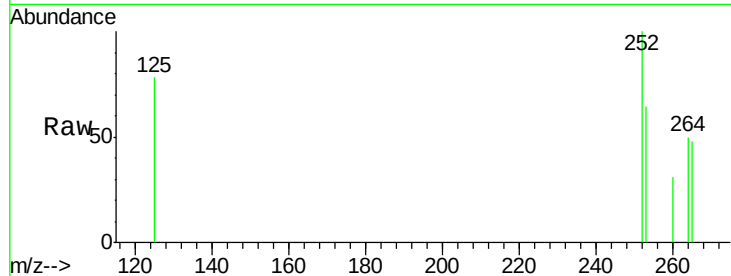
Acq: 4 Nov 2017 9:53

Instrument :

BNA_E

ClientSampleId :

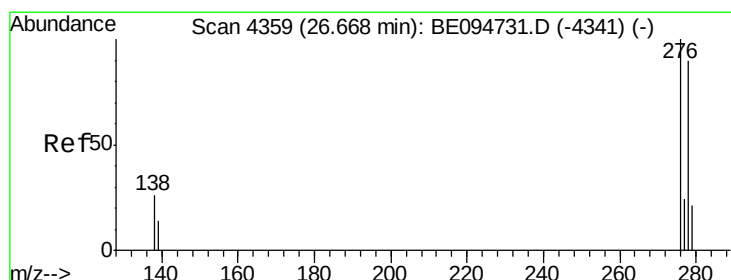
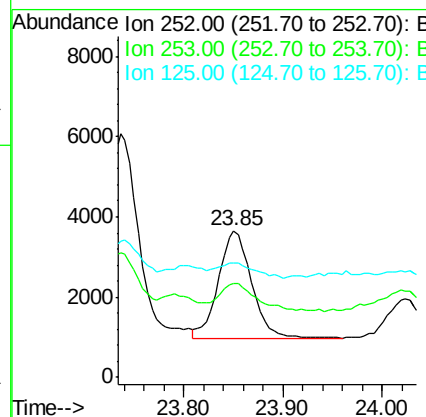
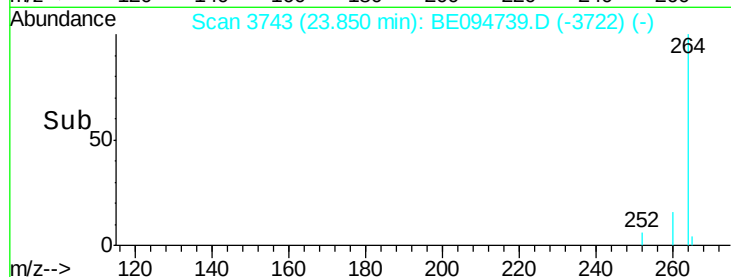
B-15(0.25-1.25)-101717MS



Tgt Ion:	252	Resp:	6232
Ion Ratio	Lower	Upper	
252	100		
253	63.9	28.5	42.7#
125	78.0	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

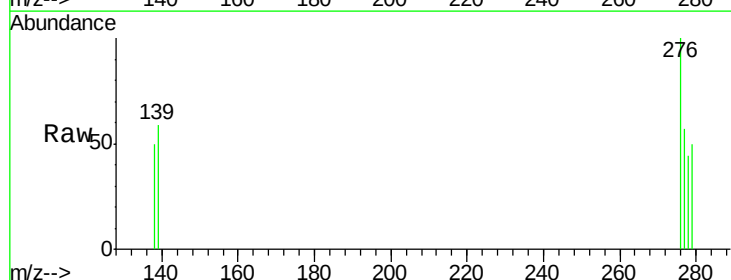
Concen: 0.138 ng/ul

RT: 26.67 min Scan# 4359

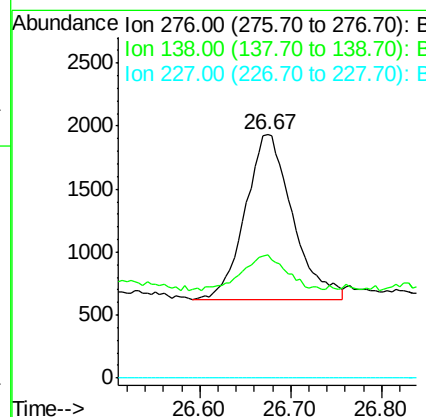
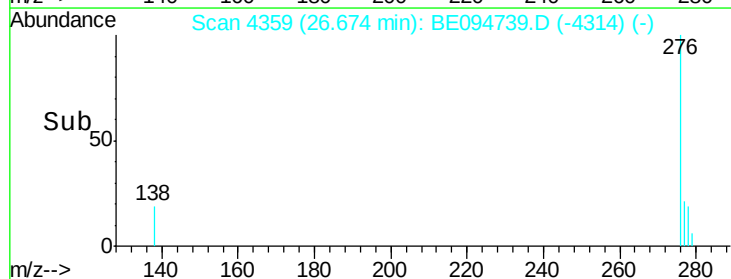
Delta R.T. 0.01 min

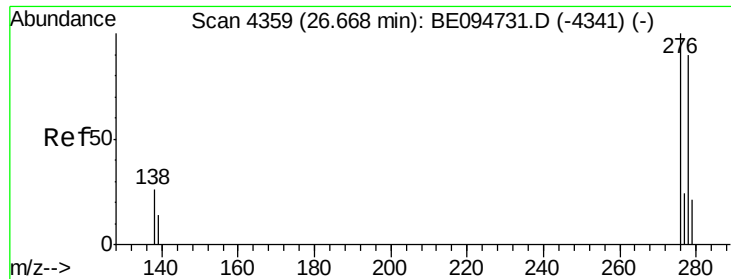
Lab File: BE094739.D

Acq: 4 Nov 2017 9:53



Tgt Ion:	276	Resp:	4777
Ion Ratio	Lower	Upper	
276	100		
138	18.3	28.0	42.0#
227	0.0	8.0	12.0#





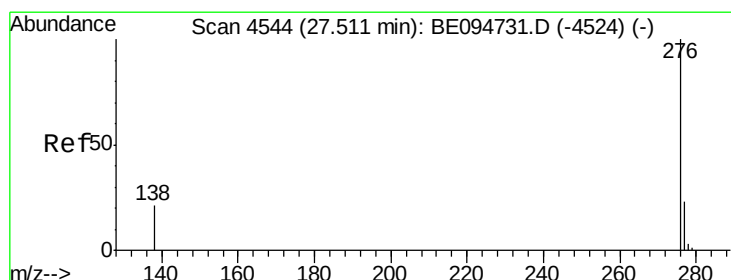
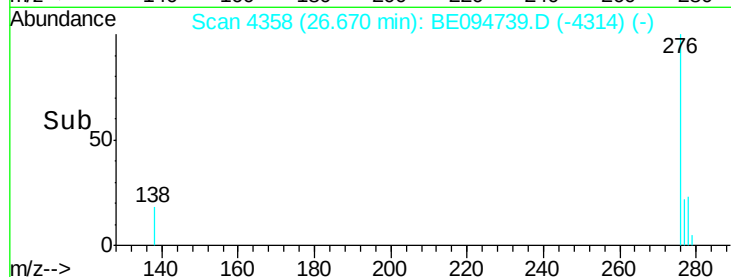
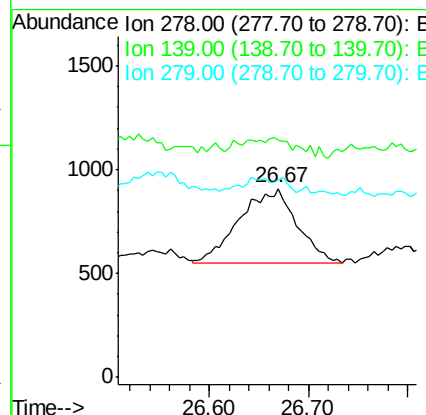
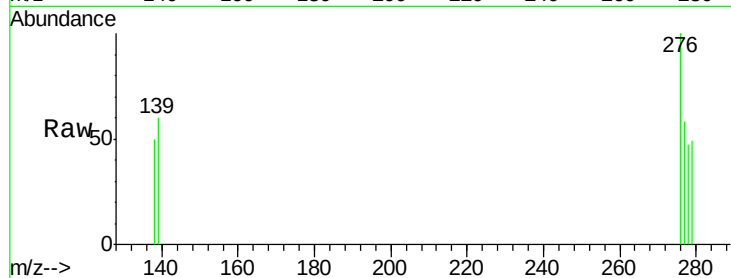
#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.67 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BE094739.D
Acq: 4 Nov 2017 9:53

Instrument :
BNA_E
ClientSampleId :
B-15(0.25-1.25)-101717MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	125.8	17.4	26.0#
279	104.6	25.9	38.9#

Manual Integrations
APPROVED

Sohil
11/6/2017 5:58:50 PM



#26
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 27.52 min Scan# 4544
Delta R.T. 0.01 min
Lab File: BE094739.D
Acq: 4 Nov 2017 9:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.0	21.8	32.8#
277	54.5	20.5	30.7#

