

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110817\
 Data File : BE094781.D
 Acq On : 8 Nov 2017 12:29
 Operator : SJ/JU
 Sample : I6150-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-3(2-3)-102517DL

Manual Integrations
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Quant Time: Nov 08 15:23:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 15:01:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1236	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7859	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.52	164	4286	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9135	0.40	ng/ul	-0.02
16) Chrysene-d12	21.44	240	9147	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10715	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	601	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.29	212	1385	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	57225	2.978	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	7135	0.531	ng/ul	97
8) Acenaphthene	14.58	153	1614	0.116	ng/ul	97
9) Fluorene	15.57	166	2332	0.149	ng/ul	94
12) Phenanthrene	17.29	178	8496	0.352	ng/ul#	87
13) Anthracene	17.40	178	1599	0.067	ng/ul	94
15) Fluoranthene	19.32	202	5971	0.214	ng/ul	84
17) Pyrene	19.68	202	4978	0.176	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	1837	0.070	ng/ul#	81
19) Chrysene	21.47	228	1775	0.066	ng/ul#	77
21) Benzo(b)fluoranthene	23.20	252	1706m	0.057	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	861m	0.027	ng/ul	
23) Benzo(a)pyrene	23.86	252	921	0.031	ng/ul#	27

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

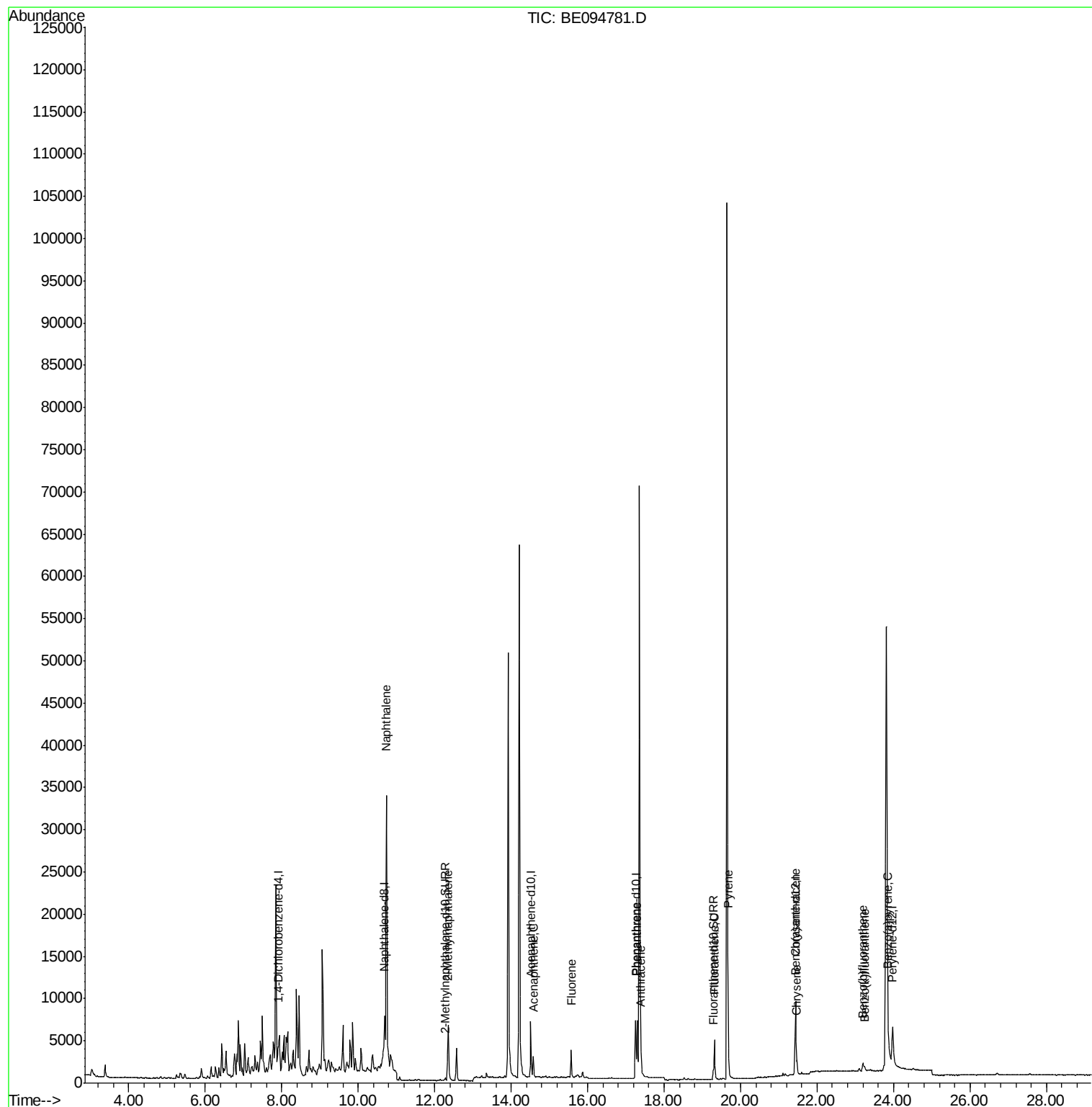
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110817\
Data File : BE094781.D
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Operator : SJ/JU
Sample : I6150-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

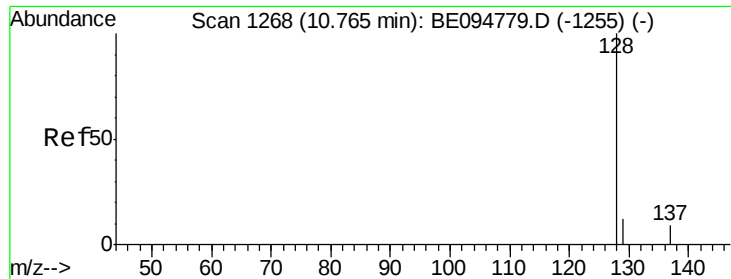
Instrument :
BNA_E
ClientSampleId :
B-3(2-3)-102517DL

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#3

Naphthalene

Concen: 2.978 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Instrument :

BNA_E

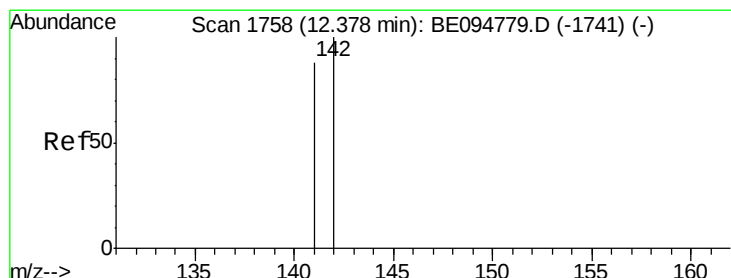
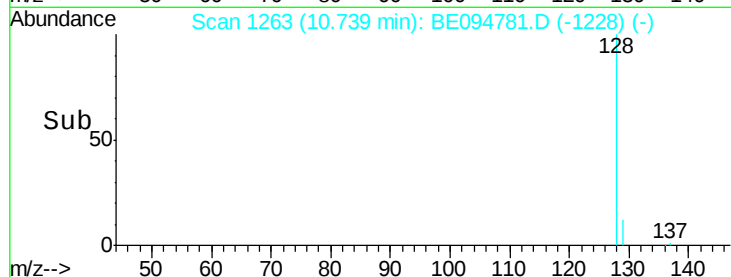
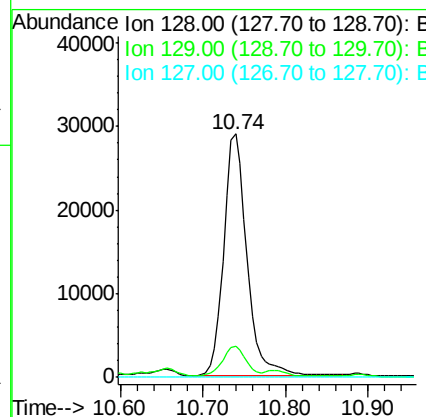
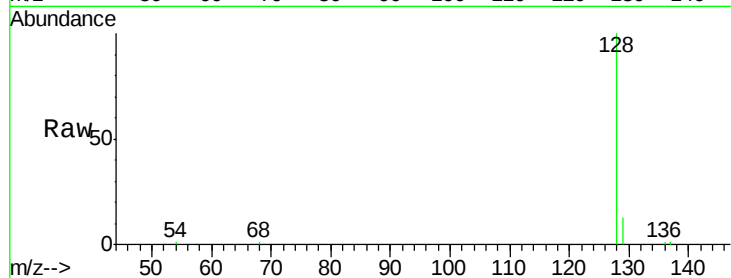
ClientSampleId :

B-3(2-3)-102517DL

Tgt Ion:	128	Resp:	57225
Ion Ratio	Lower	Upper	
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.531 ng/ul

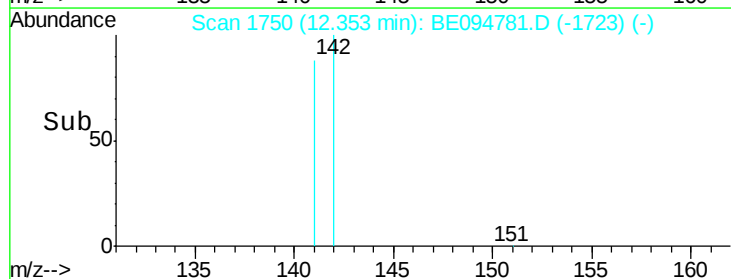
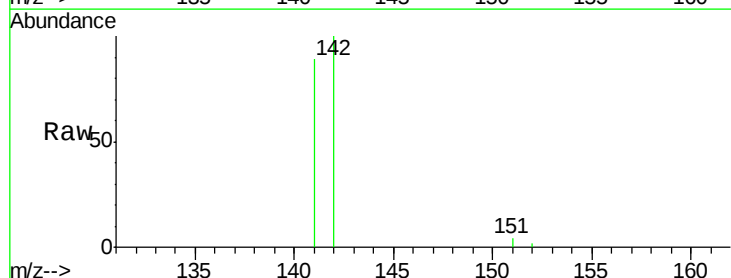
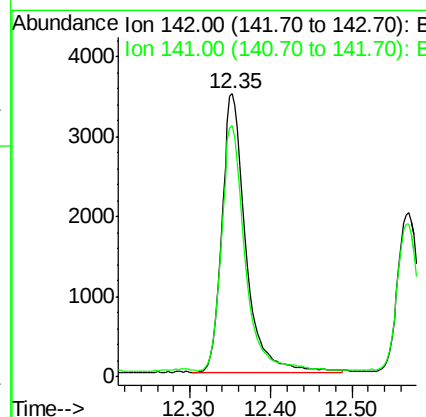
RT: 12.35 min Scan# 1750

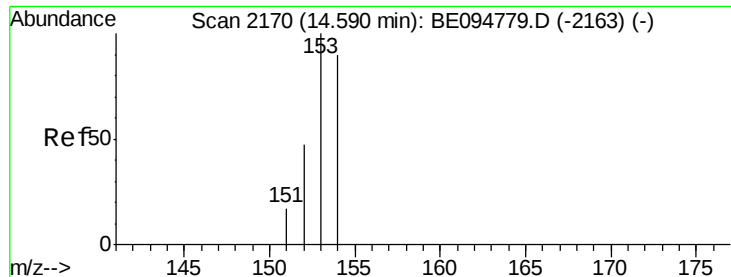
Delta R.T. -0.02 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Tgt Ion:	142	Resp:	7135
Ion Ratio	Lower	Upper	
142	100		
141	87.8	72.6	108.8





#8

Acenaphthene

Concen: 0.116 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Instrument :

BNA_E

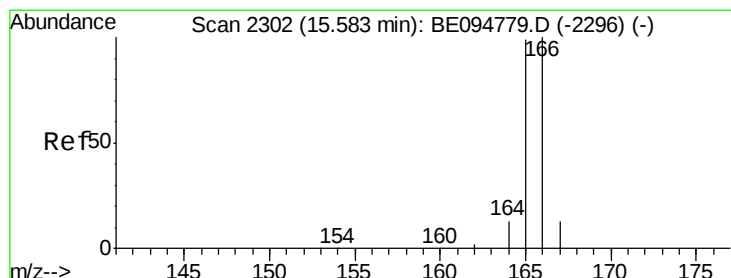
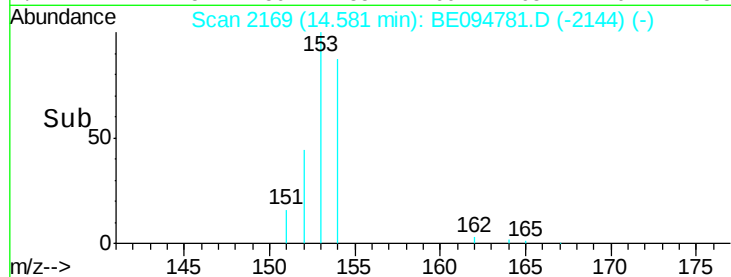
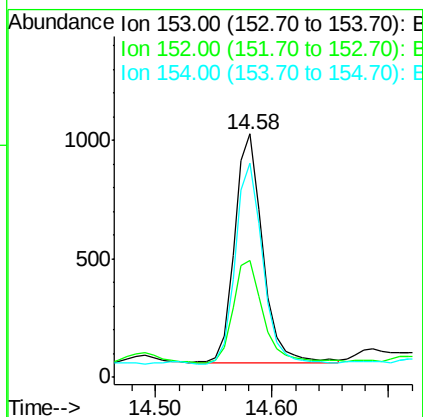
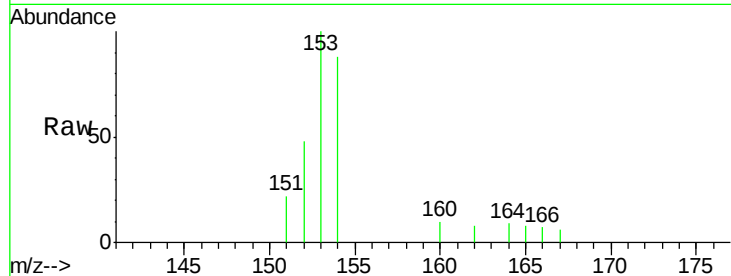
ClientSampleId :

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Tgt Ion:	153	Resp:	1614
Ion	Ratio	Lower	Upper
153	100		
152	48.0	36.0	54.0
154	87.8	72.0	108.0

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#9

Fluorene

Concen: 0.149 ng/ul

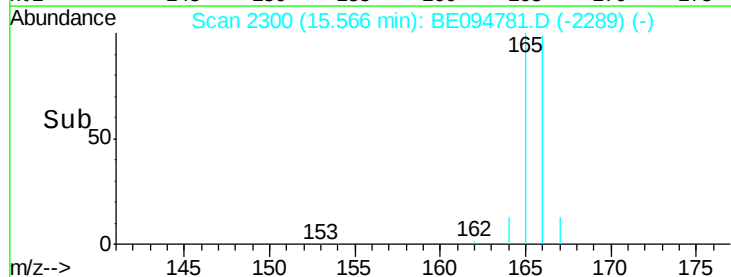
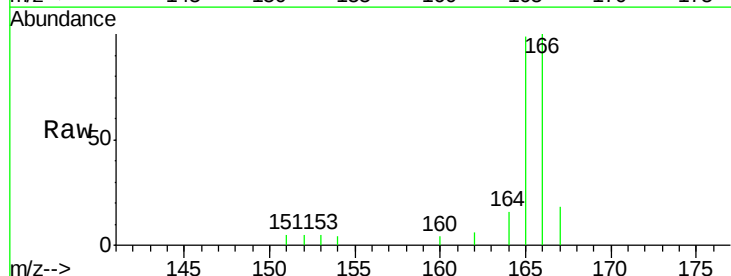
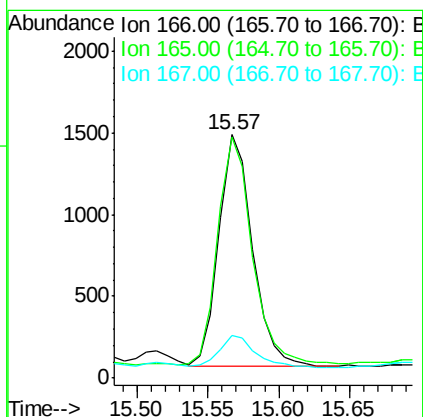
RT: 15.57 min Scan# 2300

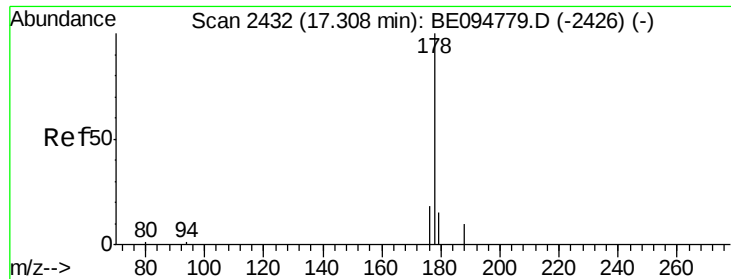
Delta R.T. -0.02 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Tgt Ion:	166	Resp:	2332
Ion	Ratio	Lower	Upper
166	100		
165	98.8	73.4	110.2
167	17.7	14.6	22.0





#12

Phenanthrene

Concen: 0.352 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Instrument :

BNA_E

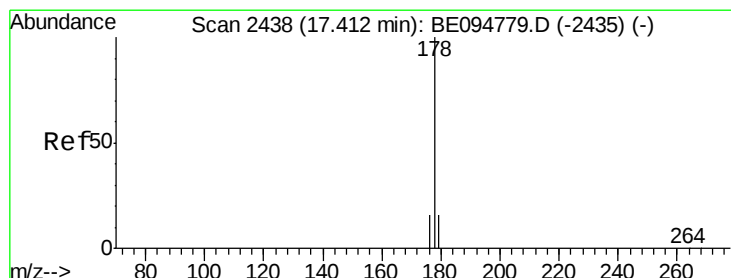
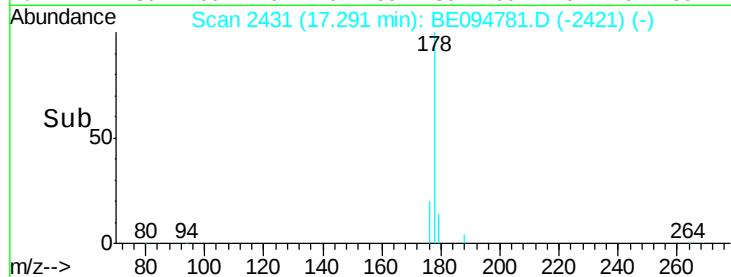
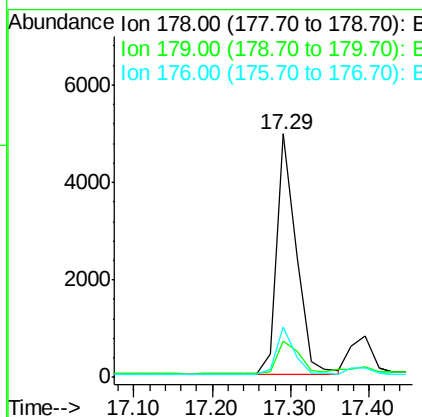
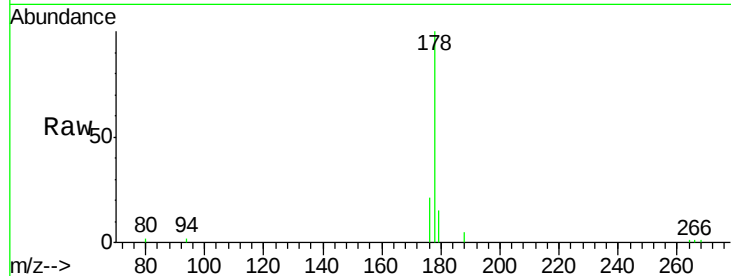
ClientSampleId :

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Tgt Ion:	178	Resp:	8496
Ion Ratio	Lower	Upper	
178	100		
179	15.1	18.4	27.6#
176	20.7	13.6	20.4#

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#13

Anthracene

Concen: 0.067 ng/ul

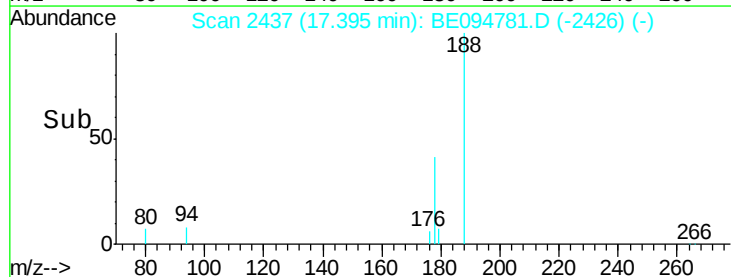
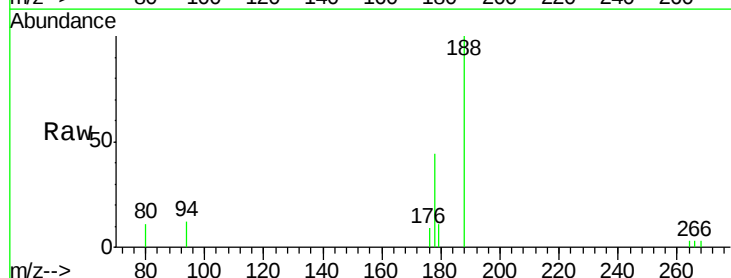
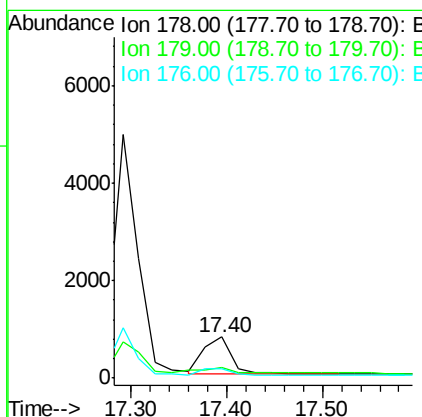
RT: 17.40 min Scan# 2437

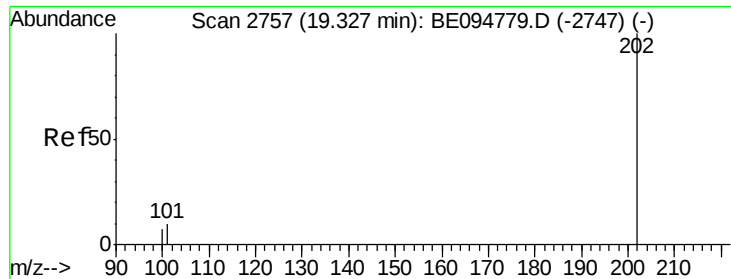
Delta R.T. -0.00 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Tgt Ion:	178	Resp:	1599
Ion Ratio	Lower	Upper	
178	100		
179	25.4	18.1	27.1
176	21.4	14.7	22.1





#15

Fluoranthene

Concen: 0.214 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Instrument :

BNA_E

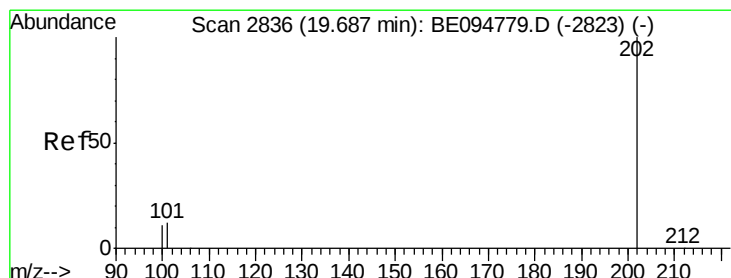
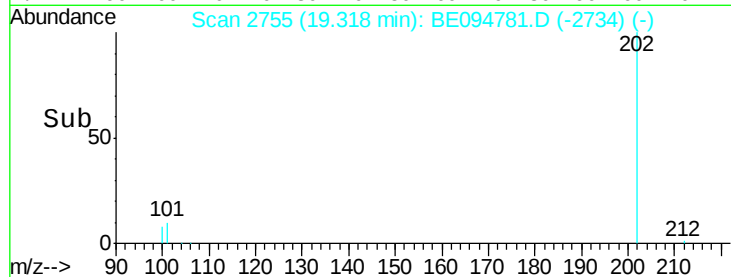
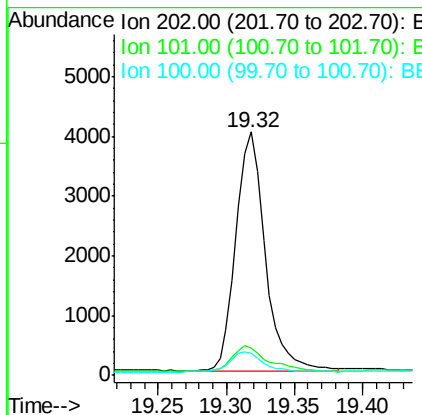
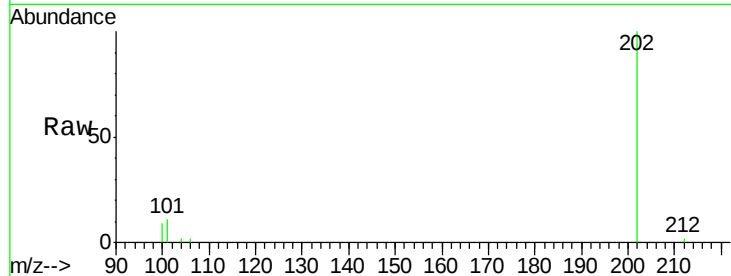
ClientSampleId :

B-3(2-3)-102517DL

Tgt Ion:	202	Resp:	5971
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5

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#17

Pyrene

Concen: 0.176 ng/ul

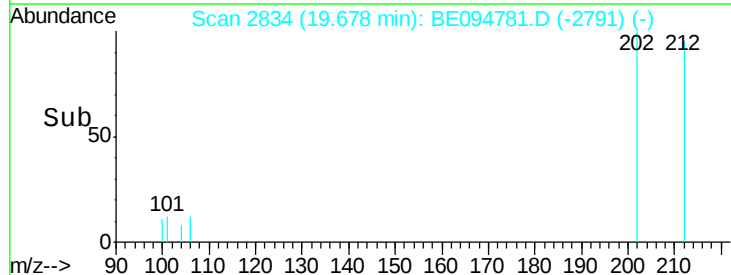
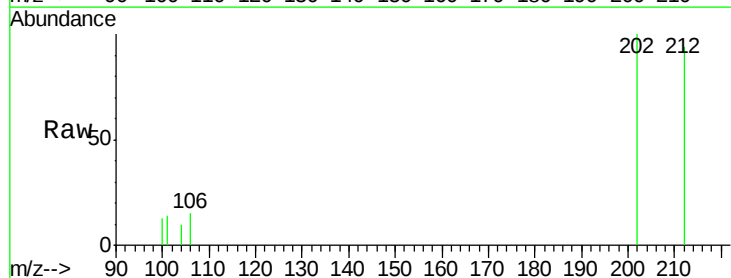
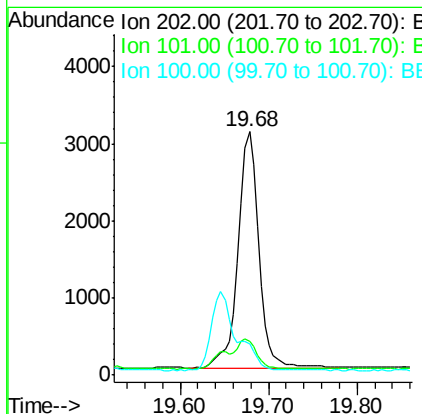
RT: 19.68 min Scan# 2834

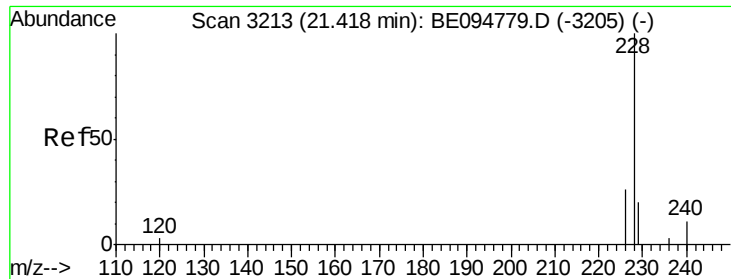
Delta R.T. -0.00 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Tgt Ion:	202	Resp:	4978
Ion Ratio	Lower	Upper	
202	100		
101	14.0	18.2	27.4#
100	12.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.070 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Instrument :

BNA_E

ClientSampleId :

B-3(2-3)-102517DL

Tgt Ion:228 Resp: 1837

Ion Ratio Lower Upper

228 100

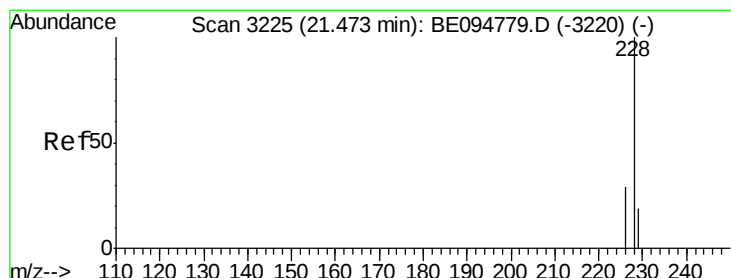
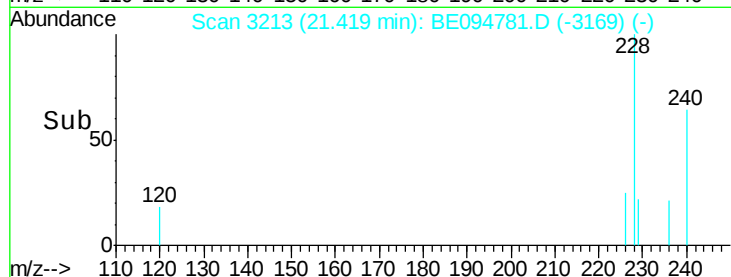
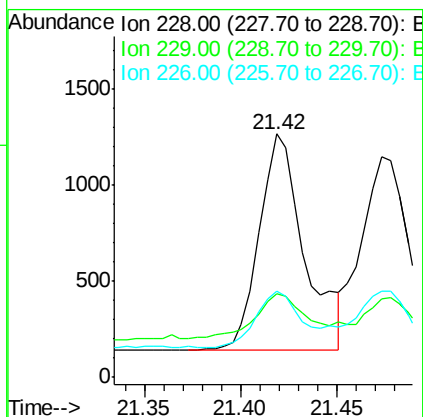
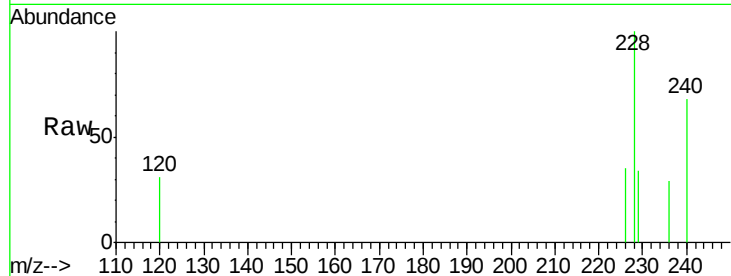
229 34.3 22.8 34.2#

226 35.3 17.0 25.6#

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#19

Chrysene

Concen: 0.066 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.00 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

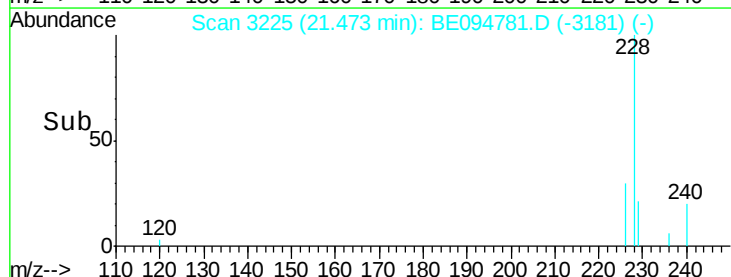
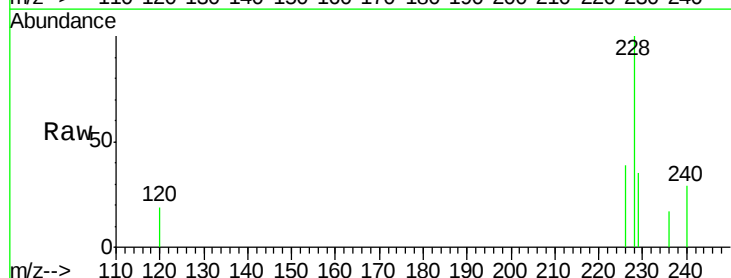
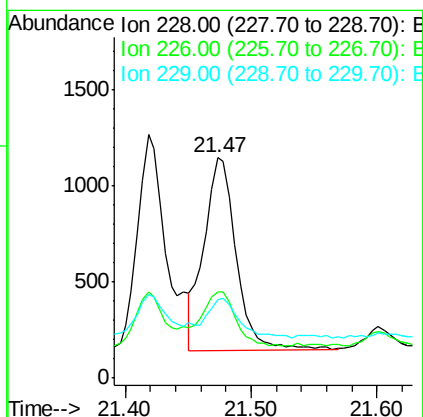
Tgt Ion:228 Resp: 1775

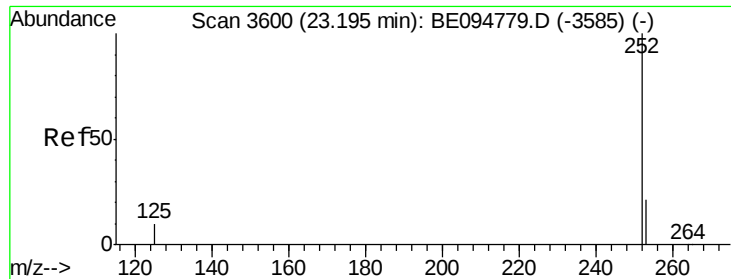
Ion Ratio Lower Upper

228 100

226 39.4 23.4 35.0#

229 35.4 17.7 26.5#





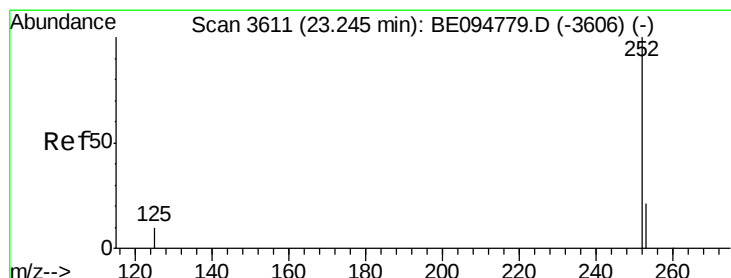
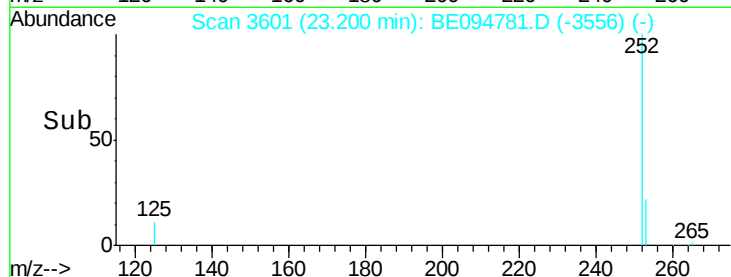
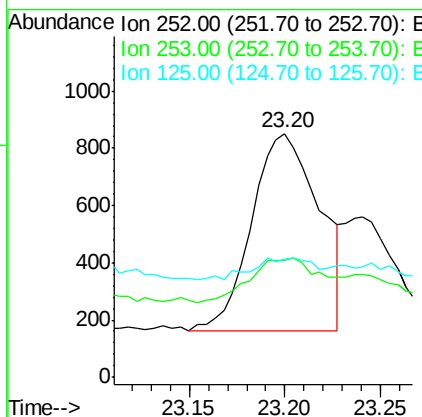
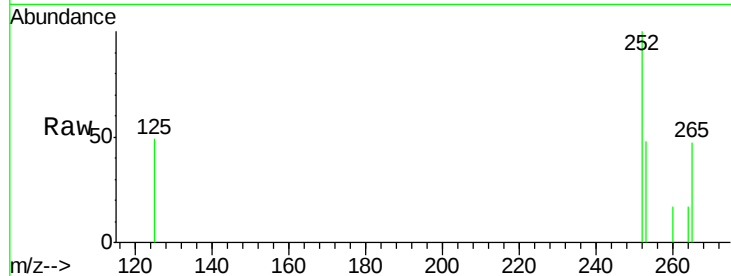
#21
Benzo(b)fluoranthene
Concen: 0.057 ng/ul m
RT: 23.20 min Scan# 3601
Delta R.T. 0.01 min
Lab File: BE094781.D
Acq: 8 Nov 2017 12:29

Instrument :
BNA_E
ClientSampleId :
B-3(2-3)-102517DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.1	0.0	64.2
125	48.6	0.0	35.0

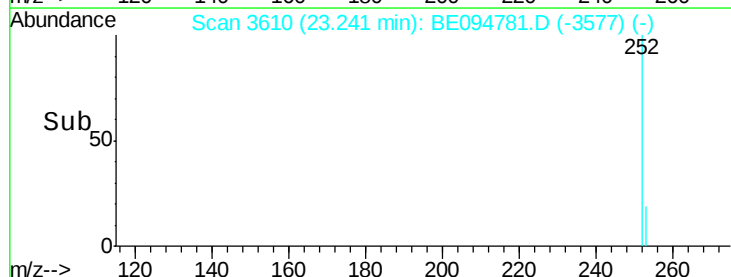
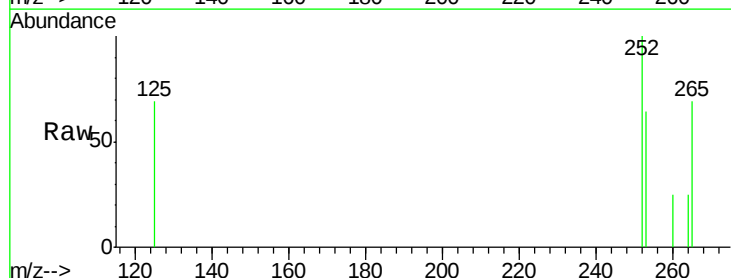
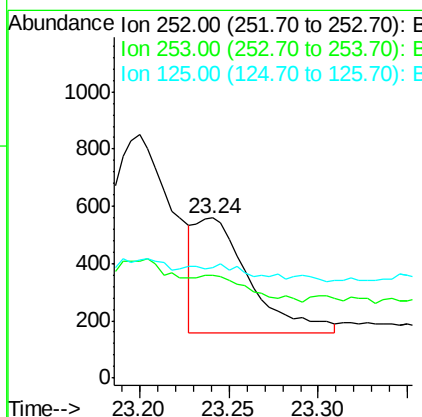
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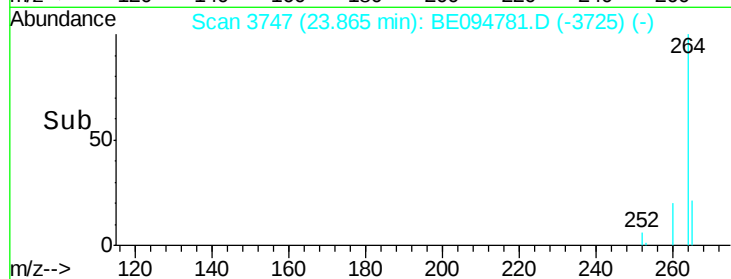
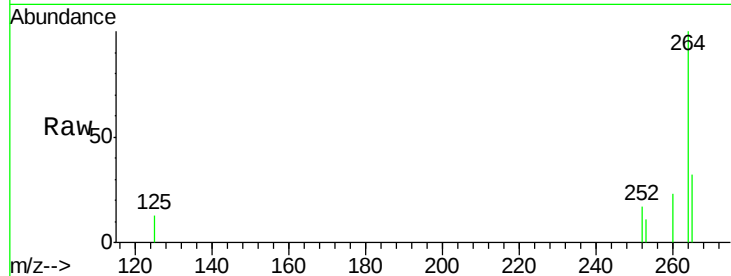
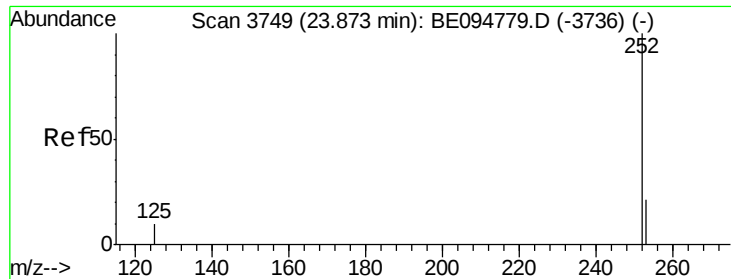
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#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.24 min Scan# 3610
Delta R.T. 0.00 min
Lab File: BE094781.D
Acq: 8 Nov 2017 12:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.9	24.5	36.7
125	68.7	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.86 min Scan# 3747

Delta R.T. 0.00 min

Lab File: BE094781.D

Acq: 8 Nov 2017 12:29

Instrument :

BNA_E

ClientSampleId :

B-3(2-3)-102517DL

Tgt Ion:	252	Resp:	921
Ion Ratio	Lower	Upper	
252	100		
253	66.0	28.5	42.7#
125	74.3	18.1	27.1#

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