

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094758.D
 Acq On : 6 Nov 2017 18:03
 Operator : SJ/JU
 Sample : I6175-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-79(5-6)-102617

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:41:47 PM

Quant Time: Nov 07 01:14:51 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 00:12:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1463	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8699	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4792	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9974	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9813	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10863	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1124	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1370	0.05	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.34	142	4624	0.311	ng/ul	97
8) Acenaphthene	14.57	153	4599	0.295	ng/ul	93
9) Fluorene	15.57	166	7108	0.406	ng/ul	94
12) Phenanthrene	17.29	178	36479	1.385	ng/ul#	91
13) Anthracene	17.38	178	3950	0.152	ng/ul#	85
15) Fluoranthene	19.31	202	17742	0.583	ng/ul	84
17) Pyrene	19.67	202	15992	0.527	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	4035	0.144	ng/ul#	73
19) Chrysene	21.47	228	4773	0.165	ng/ul#	73
21) Benzo(b)fluoranthene	23.19	252	3710m	0.121	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	1366m	0.042	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.69	276	1229	0.039	ng/ul#	74

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

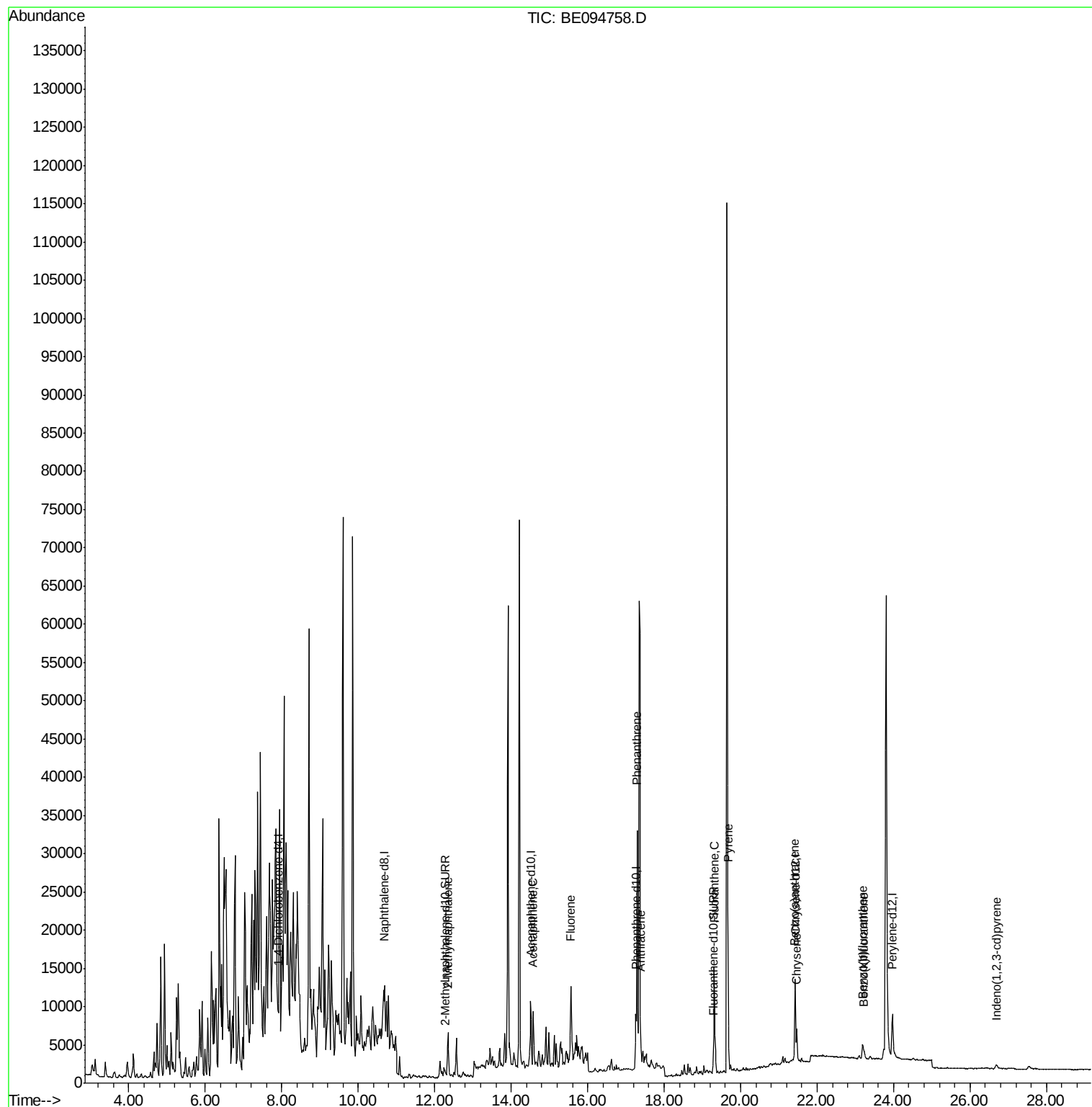
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

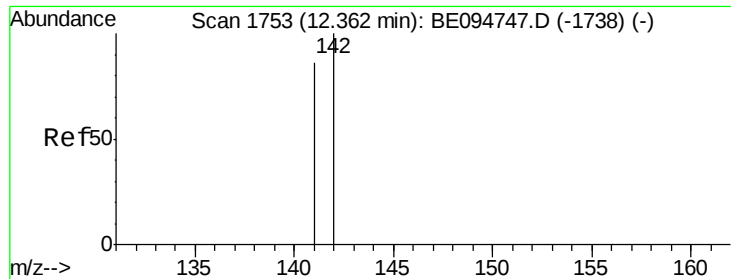
Instrument :
BNA_E
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B-79(5-6)-102617

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 00:12:32 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.311 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Instrument :

BNA_E

ClientSampleId :

B-79(5-6)-102617

Tgt Ion:142 Resp: 4624

Ion Ratio Lower Upper

142 100

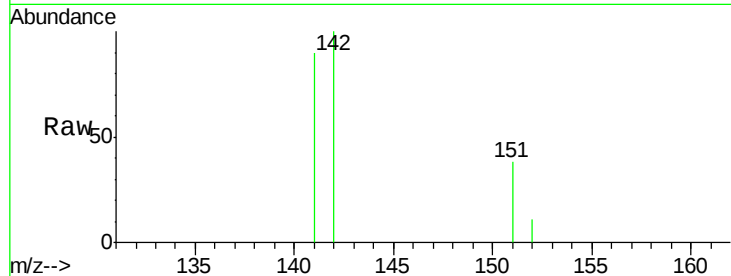
141 87.8 72.6 108.8

Manual Integrations

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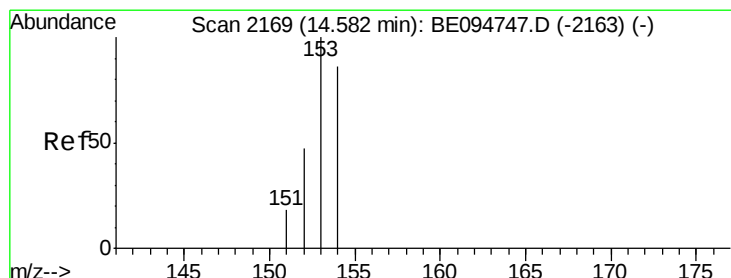
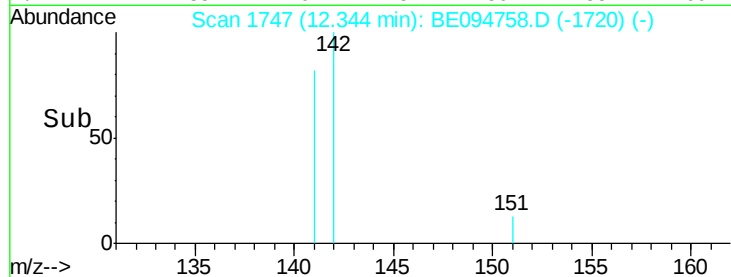
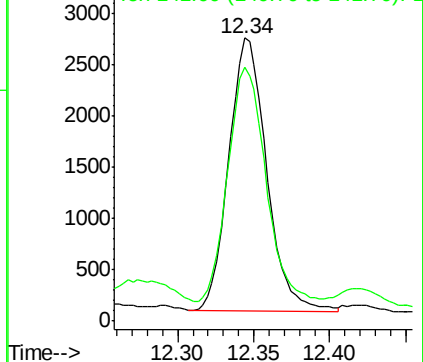
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

Acenaphthene

Concen: 0.295 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

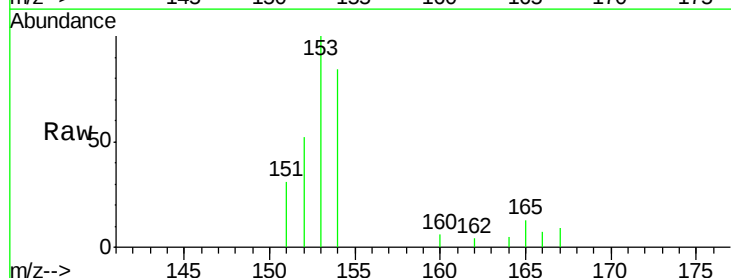
Tgt Ion:153 Resp: 4599

Ion Ratio Lower Upper

153 100

152 51.5 36.0 54.0

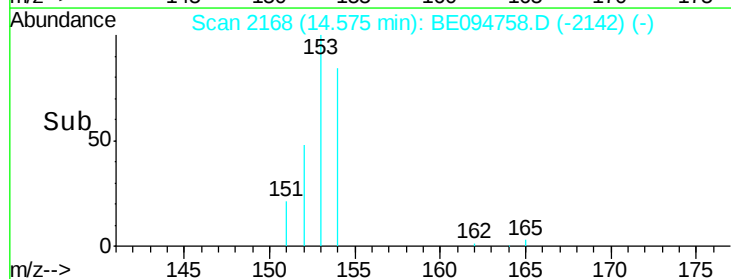
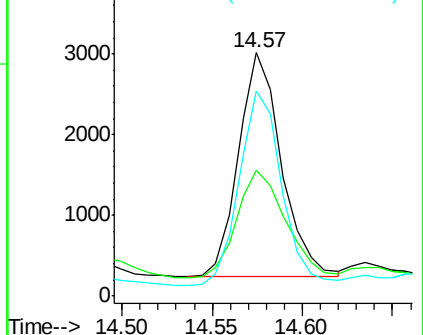
154 84.3 72.0 108.0

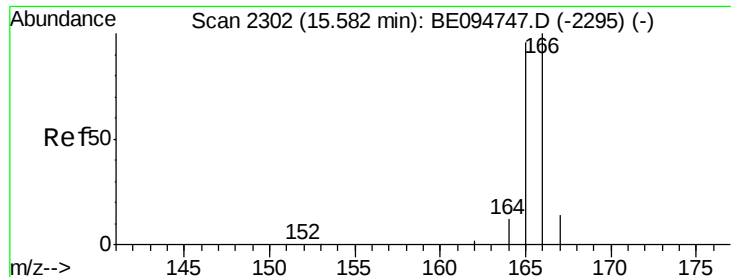


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.406 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Instrument :

BNA_E

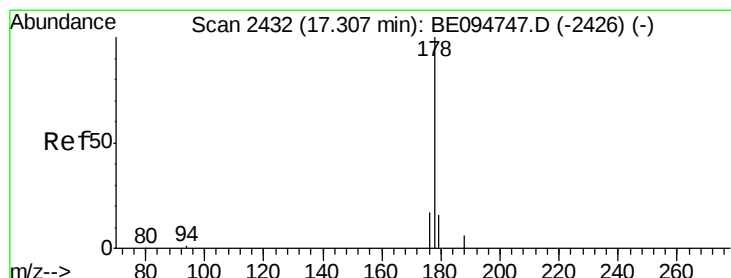
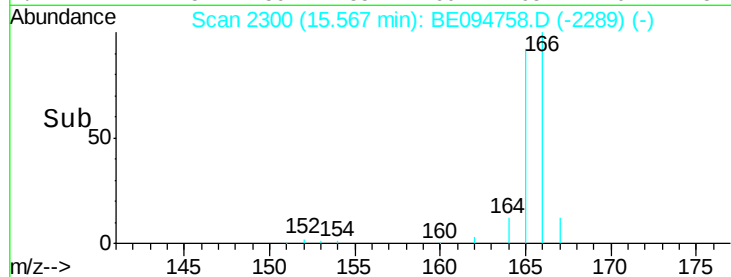
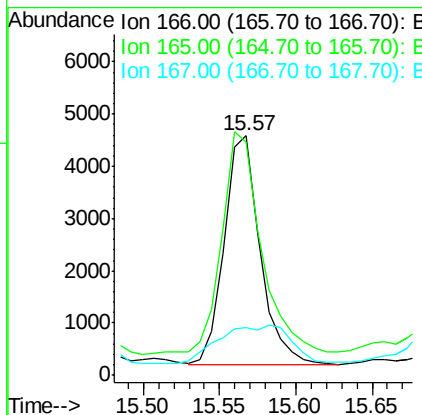
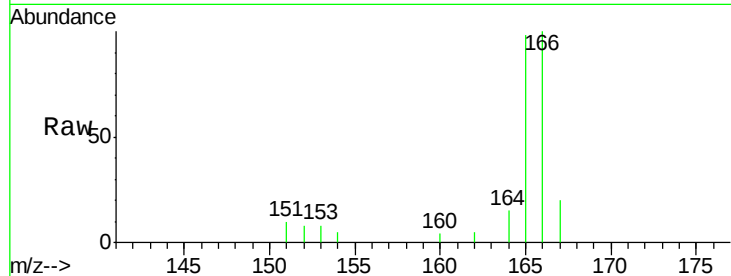
ClientSampleId :

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Tgt Ion:	166	Resp:	7108
Ion Ratio	Lower	Upper	
166	100		
165	97.7	73.4	110.2
167	19.8	14.6	22.0

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#12

Phenanthrene

Concen: 1.385 ng/ul

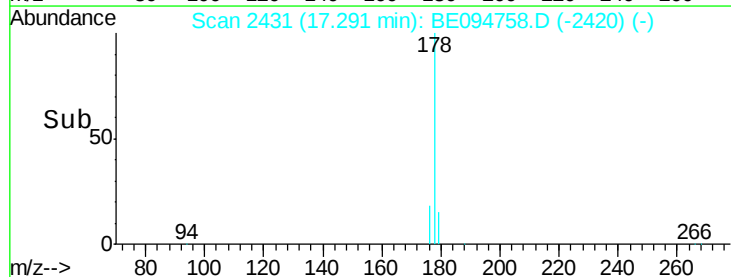
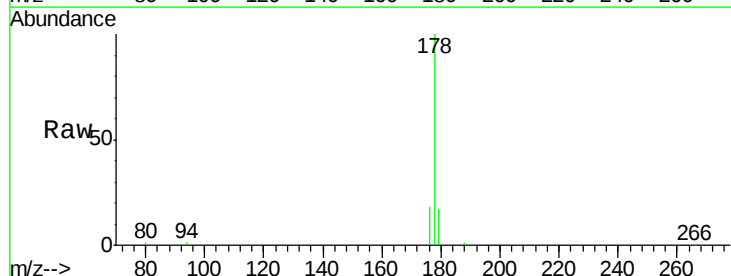
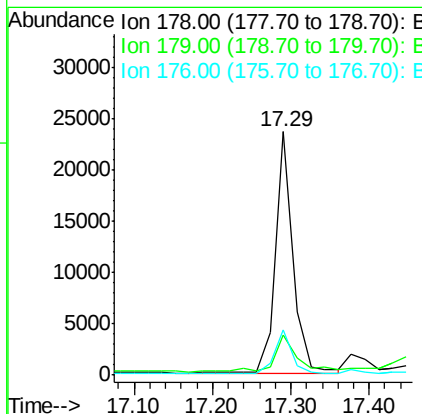
RT: 17.29 min Scan# 2431

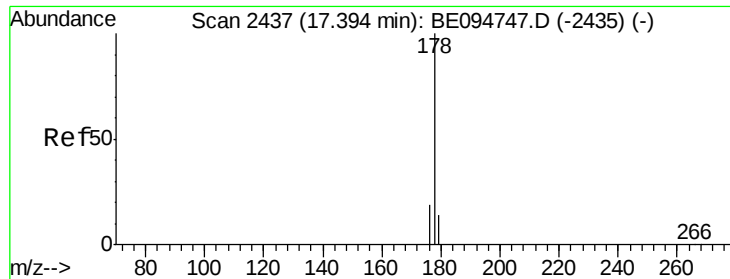
Delta R.T. -0.02 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Tgt Ion:	178	Resp:	36479
Ion Ratio	Lower	Upper	
178	100		
179	16.5	18.4	27.6#
176	18.4	13.6	20.4





#13

Anthracene

Concen: 0.152 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Instrument :

BNA_E

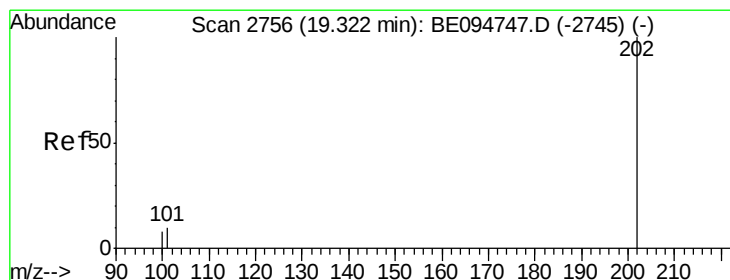
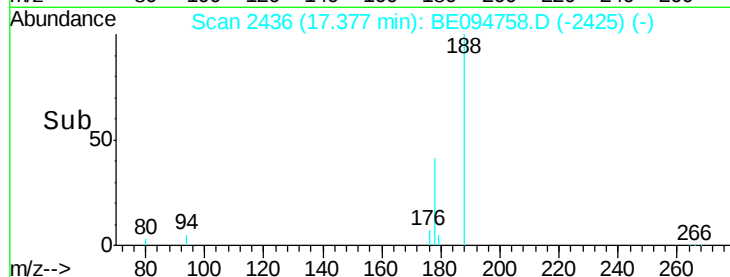
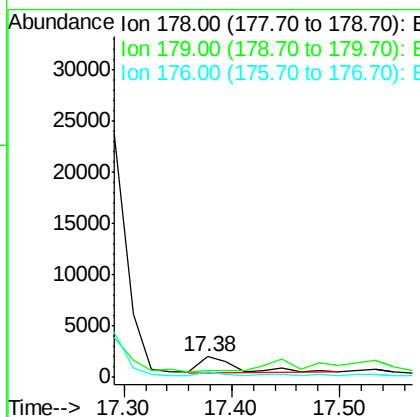
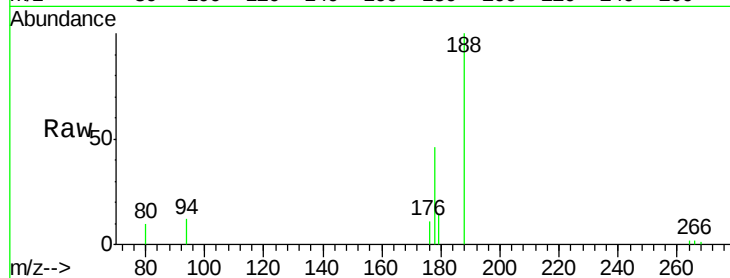
ClientSampleId :

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Tgt Ion:	178	Resp:	3950
Ion Ratio	Lower	Upper	
178	100		
179	30.1	18.1	27.1#
176	24.8	14.7	22.1#

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#15

Fluoranthene

Concen: 0.583 ng/ul

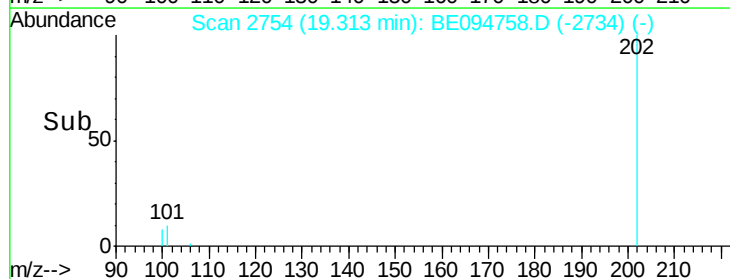
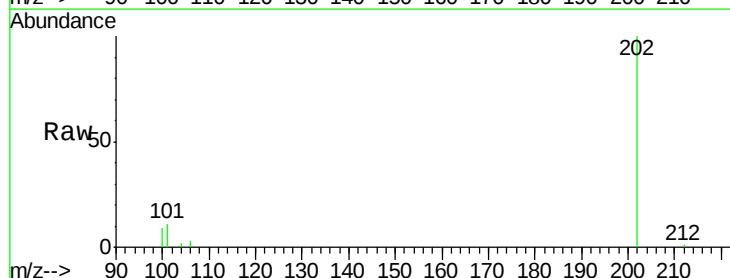
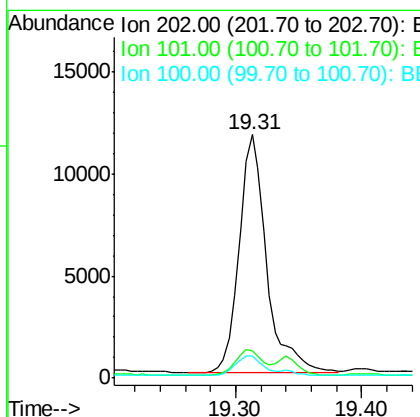
RT: 19.31 min Scan# 2754

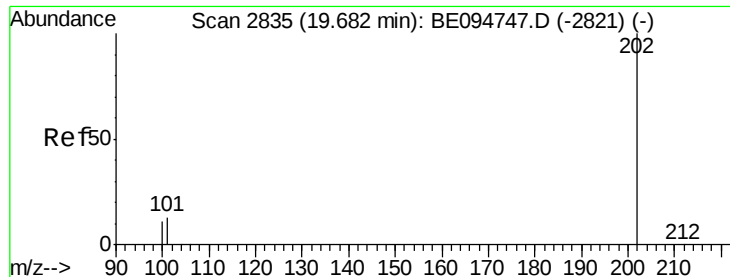
Delta R.T. -0.01 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Tgt Ion:	202	Resp:	17742
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	9.2	0.0	39.5





#17

Pyrene

Concen: 0.527 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Instrument :

BNA_E

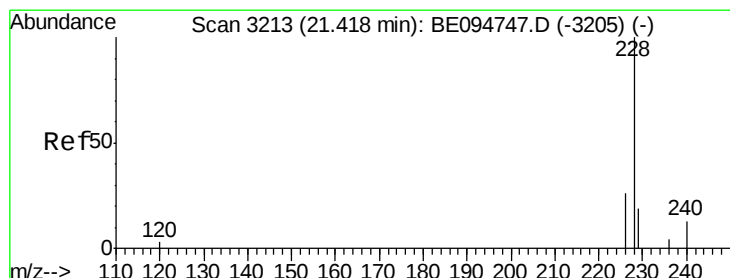
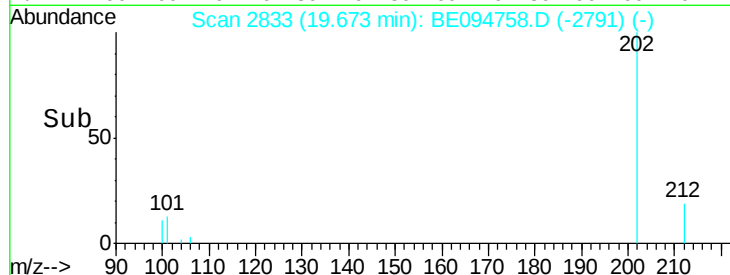
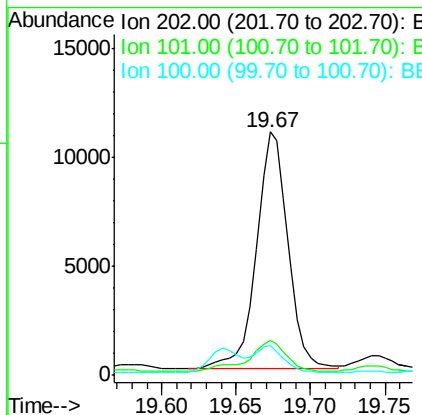
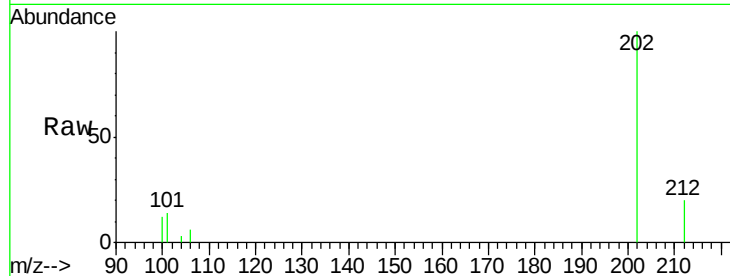
ClientSampleId :

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Tgt Ion:	202	Resp:	15992
Ion Ratio		Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.144 ng/ul

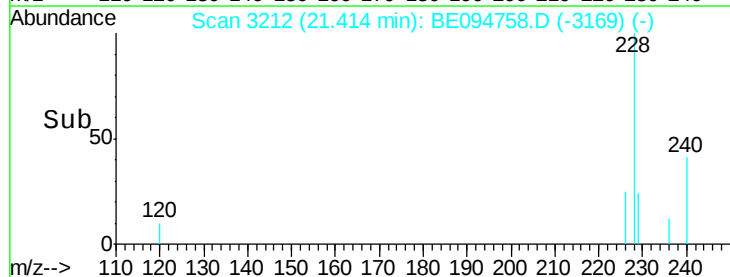
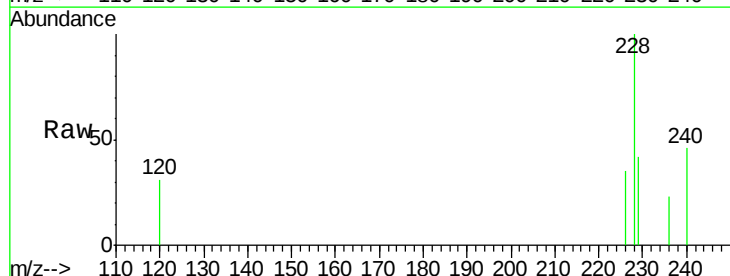
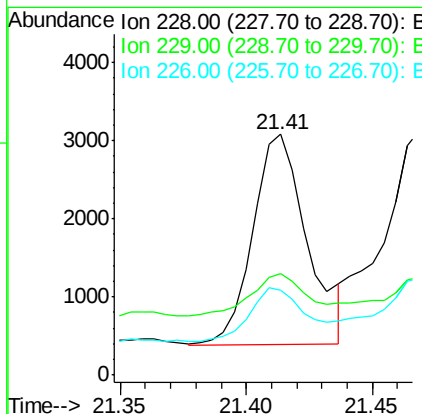
RT: 21.41 min Scan# 3212

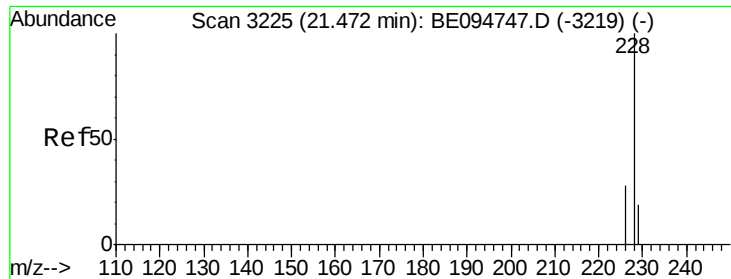
Delta R.T. -0.00 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Tgt Ion:	228	Resp:	4035
Ion Ratio		Lower	Upper
228	100		
229	42.1	22.8	34.2#
226	35.2	17.0	25.6#





#19

Chrysene

Concen: 0.165 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Instrument :

BNA_E

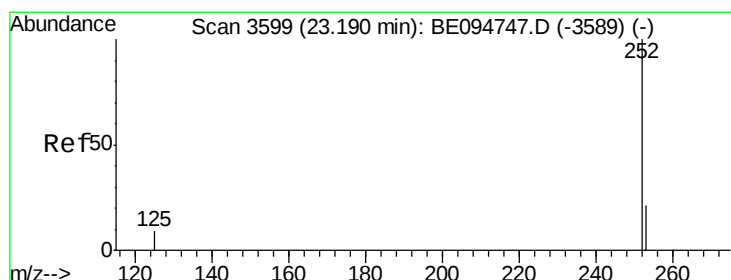
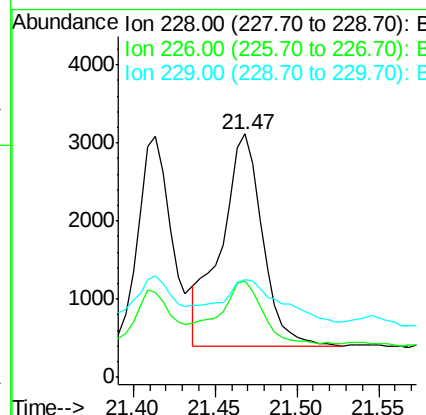
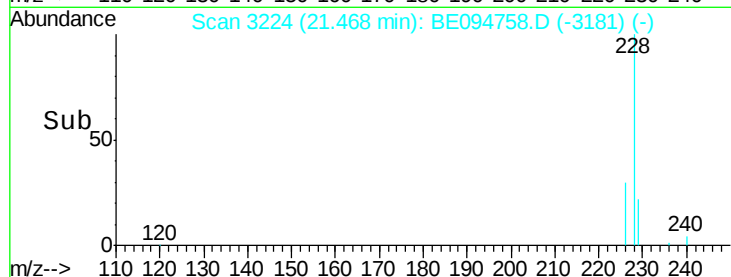
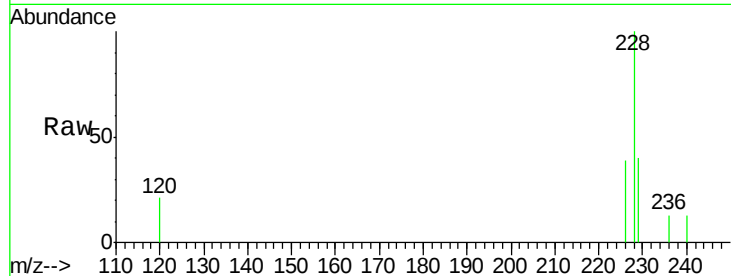
ClientSampleId :

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Tgt Ion:	228	Resp:	4773
Ion Ratio	Lower	Upper	
228	100		
226	39.4	23.4	35.0#
229	40.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.121 ng/ul m

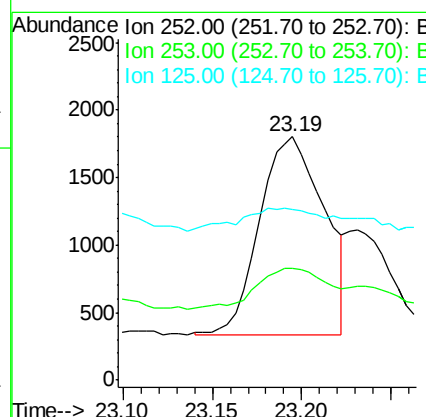
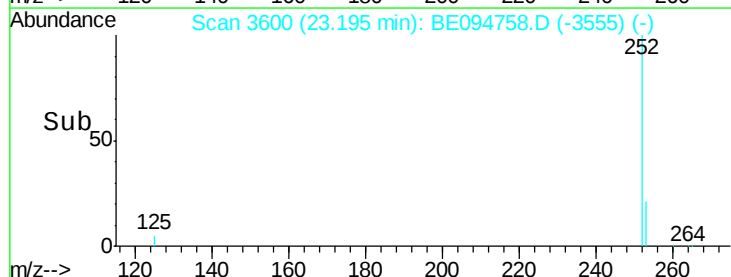
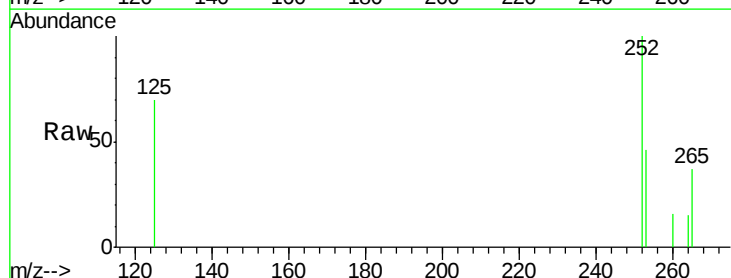
RT: 23.19 min Scan# 3600

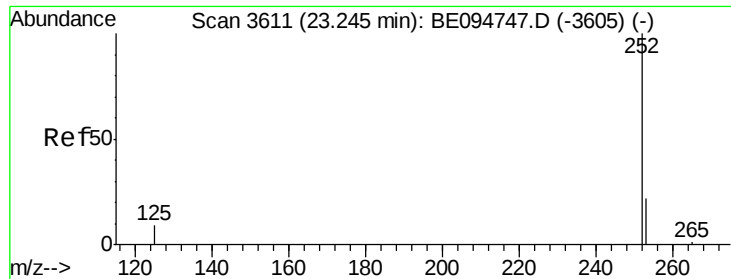
Delta R.T. 0.00 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Tgt Ion:	252	Resp:	3710
Ion Ratio	Lower	Upper	
252	100		
253	46.1	0.0	64.2
125	70.2	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Instrument :

BNA_E

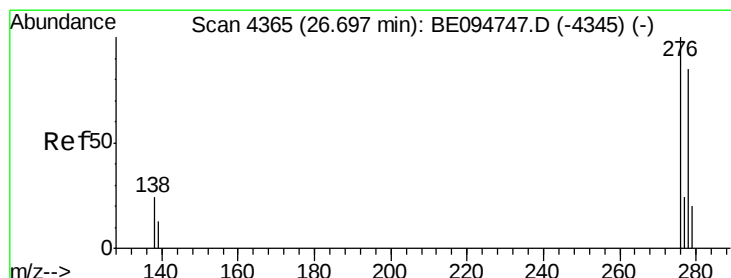
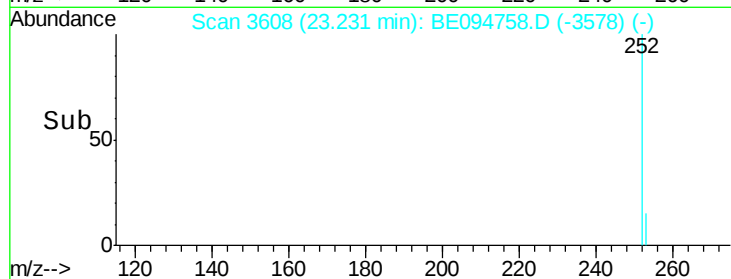
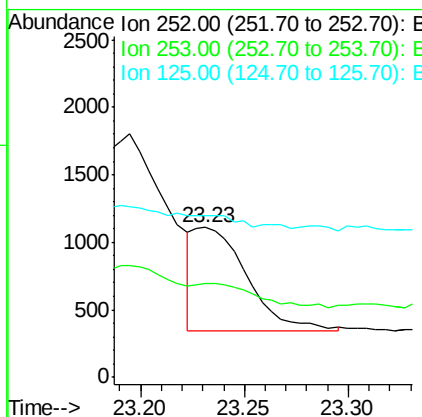
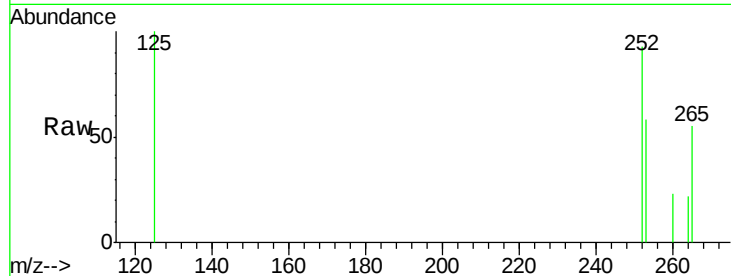
ClientSampleId :

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Tgt Ion:	252	Resp:	1366
Ion Ratio	Lower	Upper	
252	100		
253	63.0	24.5	36.7#
125	107.8	13.7	20.5#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.039 ng/ul

RT: 26.69 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BE094758.D

Acq: 6 Nov 2017 18:03

Tgt Ion:	276	Resp:	1229
Ion Ratio	Lower	Upper	
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#

