

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094362.D
 Acq On : 14 Oct 2017 19:22
 Operator : SJ/JU
 Sample : I5611-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-42(0.3-1.3) 100217

Manual Integrations
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 10/16/2017 8:25:13 PM

Quant Time: Oct 15 02:06:43 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1573	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8350	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5051	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10603	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10277	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	10605	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	692	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1716	0.05	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	2647	0.129	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	2342	0.177	ng/ul	98
7) Acenaphthylene	14.24	152	1241	0.063	ng/ul#	59
11) Pentachlorophenol	16.95	266	77	0.062	ng/ul#	78
12) Phenanthrene	17.29	178	13083	0.472	ng/ul#	90
13) Anthracene	17.38	178	3081m	0.114	ng/ul	
15) Fluoranthene	19.31	202	28958	0.795	ng/ul	84
17) Pyrene	19.67	202	32395	1.133	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	15875	0.582	ng/ul#	87
19) Chrysene	21.44	228	35179	1.117	ng/ul#	89
21) Benzo(b)fluoranthene	23.17	252	61169m	2.123	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	17952m	0.539	ng/ul	
23) Benzo(a)pyrene	23.84	252	23169	0.774	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.64	276	28412	0.928	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.64	278	8283	0.322	ng/ul#	50
26) Benzo(a,h,i)perylene	27.47	276	30601	1.158	ng/ul	92

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

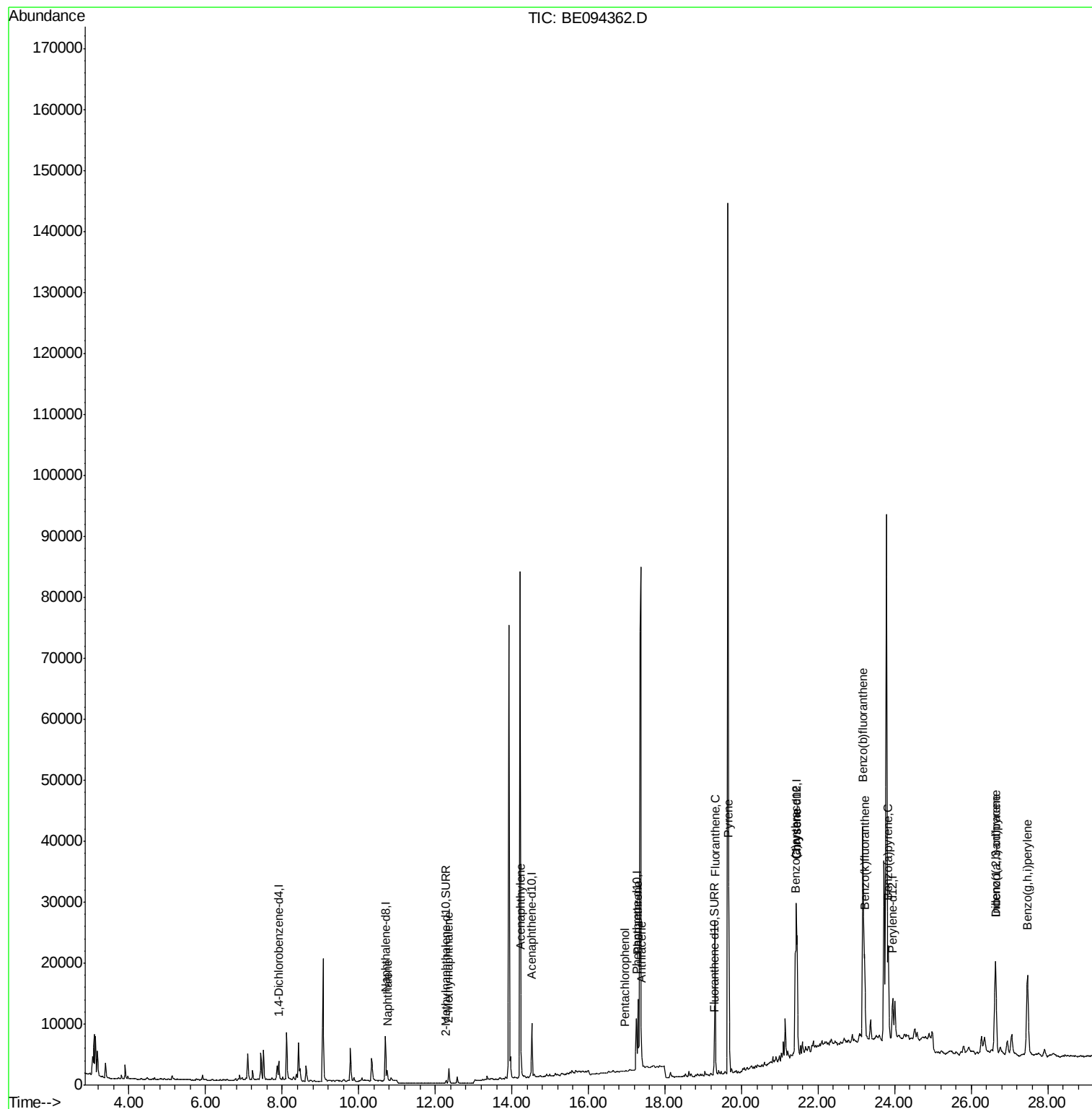
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094362.D
Acq On : 14 Oct 2017 19:22
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ALS Vial : 10 Sample Multiplier: 1

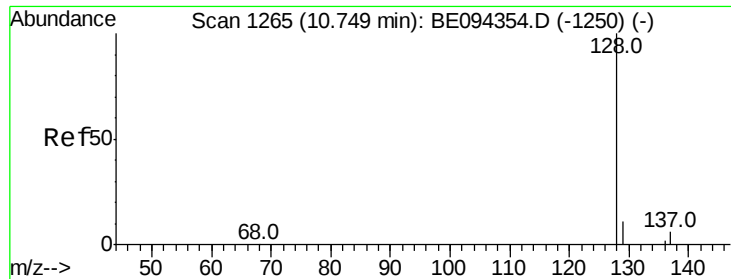
Instrument :
BNA_E
ClientSampleId :
B-42(0.3-1.3) 100217

Manual Integrations
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Quant Time: Oct 15 02:06:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

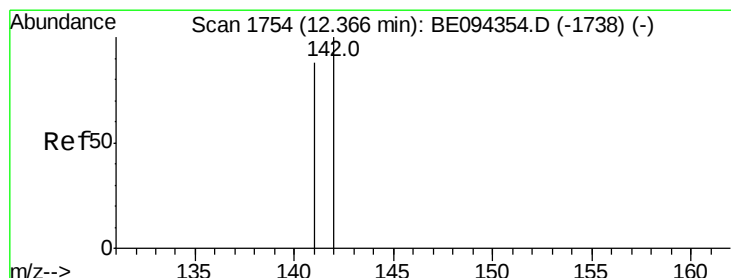
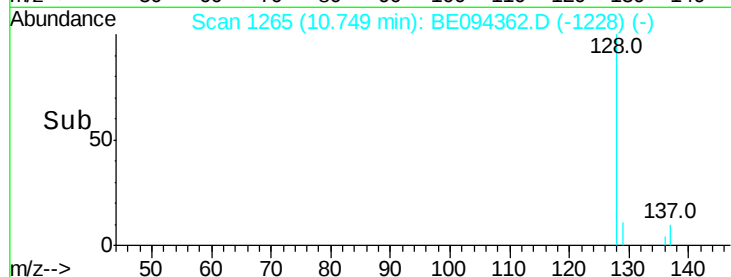
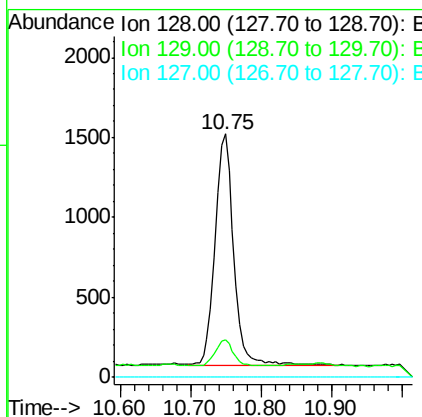
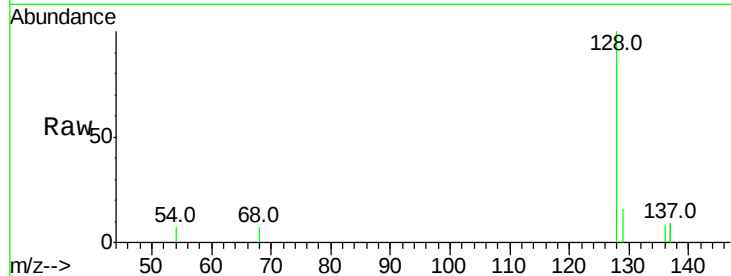
ClientSampleId :

B-42(0.3-1.3) 100217

Tot Ion:	128	Resp:	2647
Ion Ratio	Lower	Upper	
128	100		
129	15.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.177 ng/ul

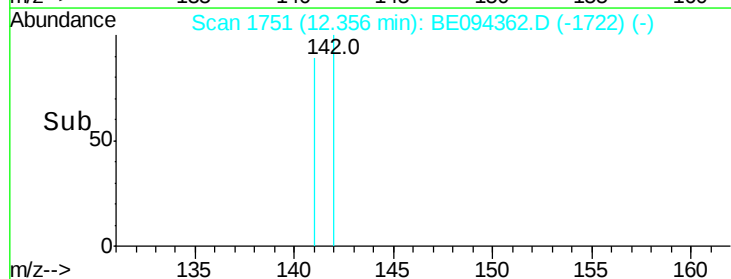
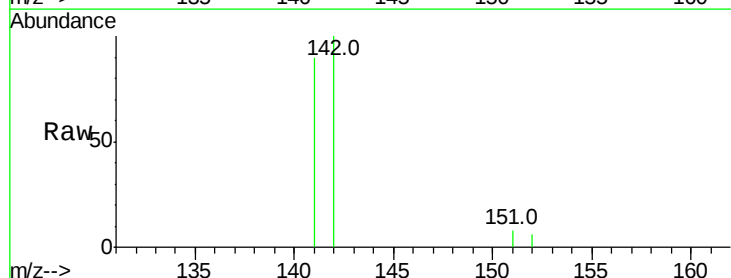
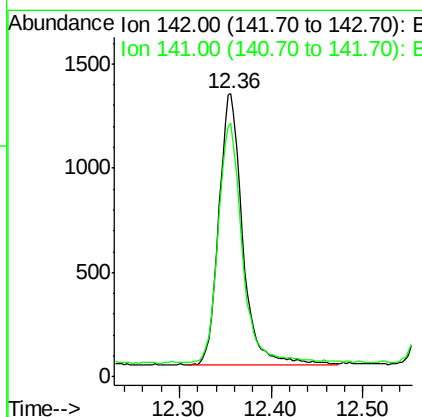
RT: 12.36 min Scan# 1751

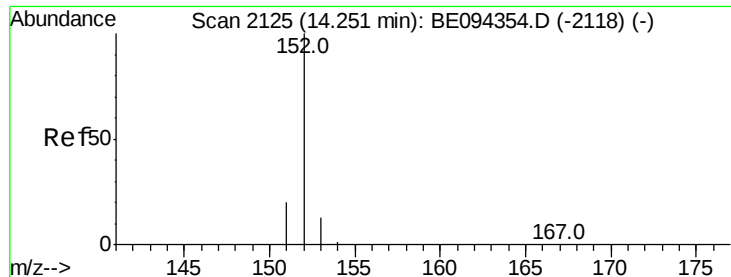
Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Tgt Ion:	142	Resp:	2342
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.063 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

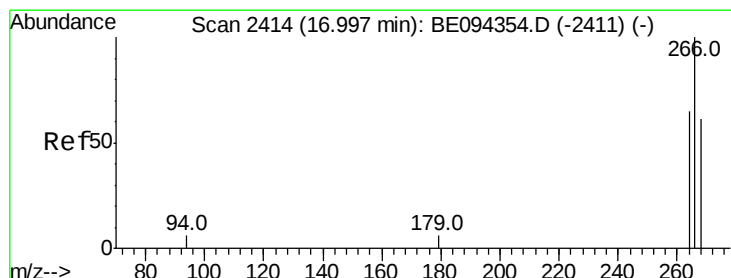
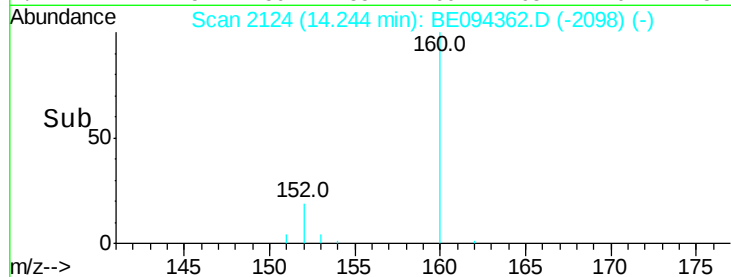
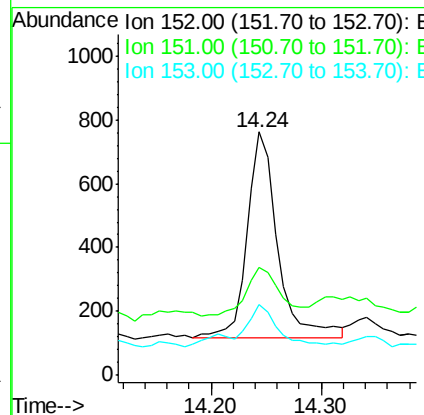
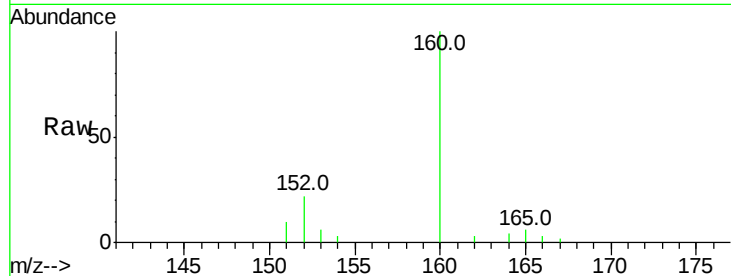
ClientSampleId :

B-42(0.3-1.3) 100217

Tot Ion	Ratio	Lower	Upper
152	100		
151	44.1	17.1	25.7#
153	28.9	12.8	19.2#

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#11

Pentachlorophenol

Concen: 0.062 ng/ul

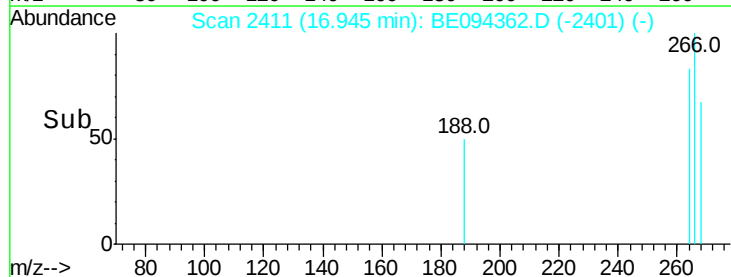
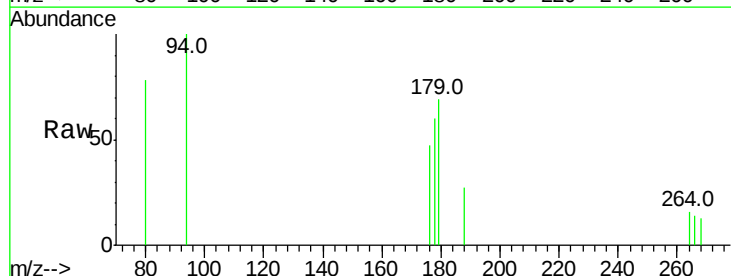
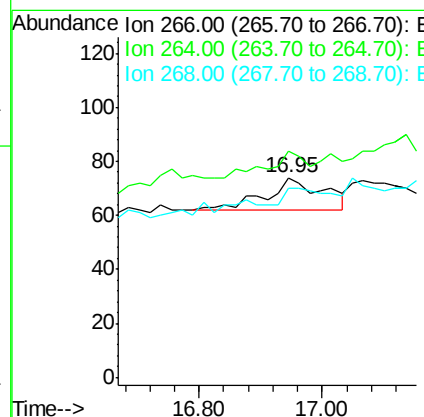
RT: 16.95 min Scan# 2411

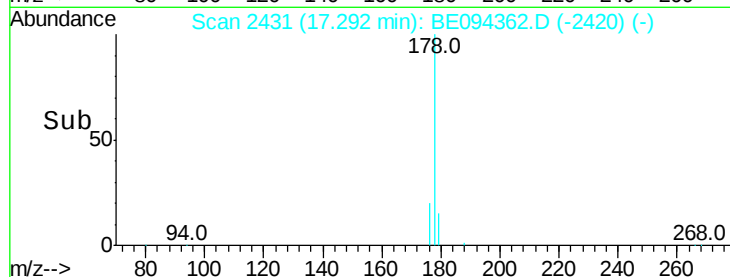
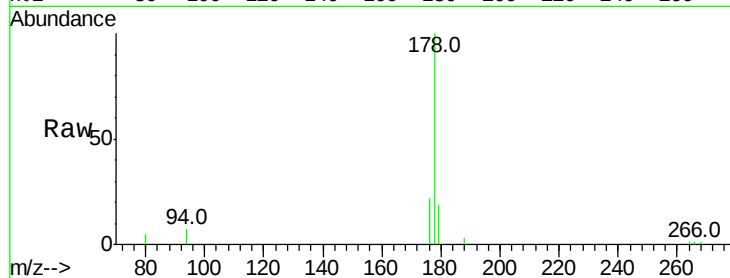
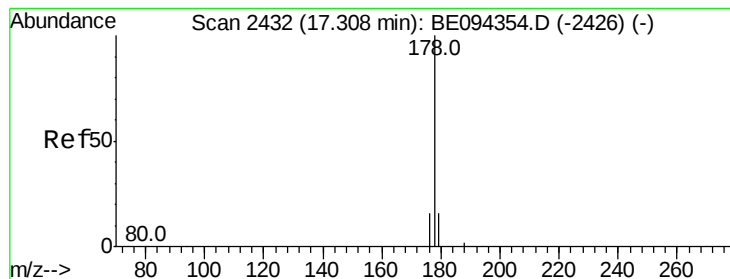
Delta R.T. -0.03 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	50.6	47.9	71.9
268	37.7	49.8	74.8#





#12

Phenanthrene

Concen: 0.472 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

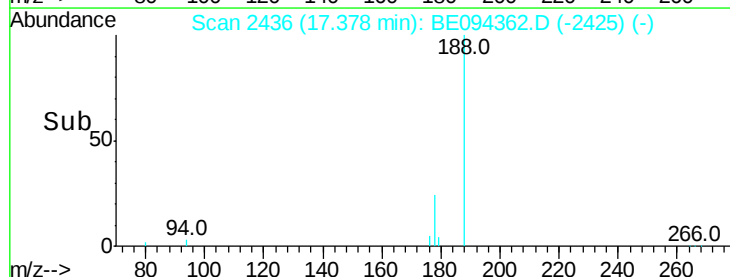
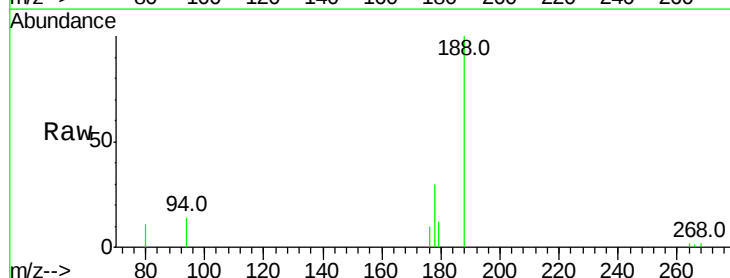
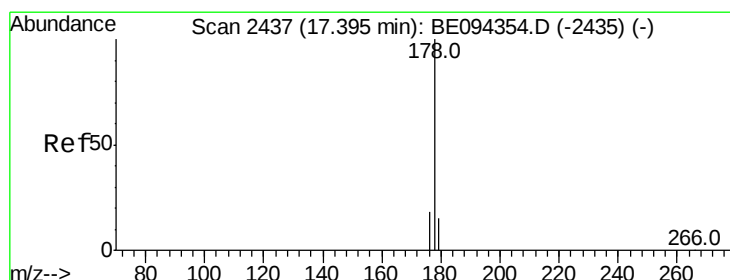
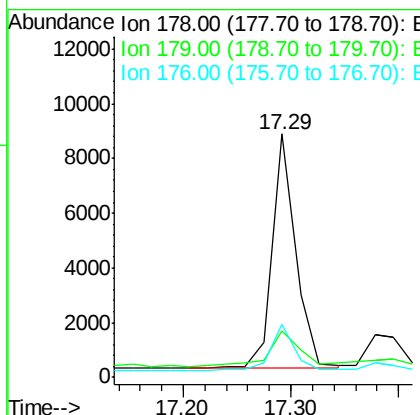
ClientSampleId :

B-42(0.3-1.3) 100217

Tot Ion:178	Resp:	13083
Ion Ratio	Lower	Upper
178	100	
179	18.8	18.4 27.6
176	22.0	13.6 20.4#

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#13

Anthracene

Concen: 0.114 ng/ul m

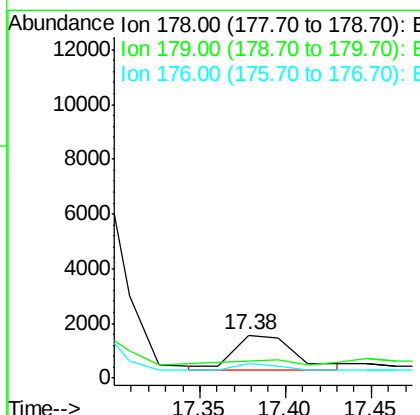
RT: 17.38 min Scan# 2436

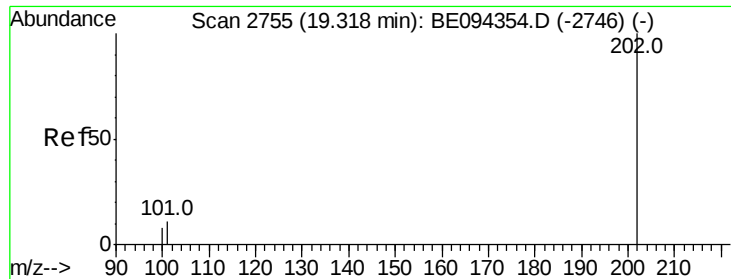
Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Tgt Ion:178	Resp:	3081
Ion Ratio	Lower	Upper
178	100	
179	39.2	18.1 27.1#
176	33.7	14.7 22.1#





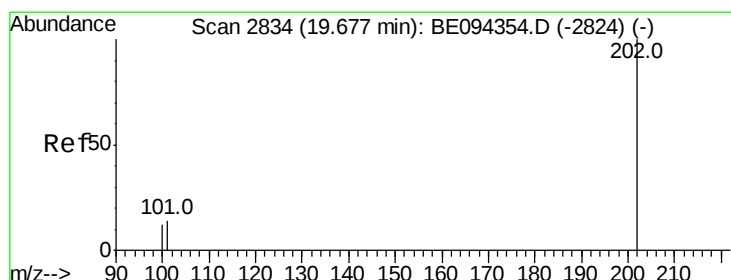
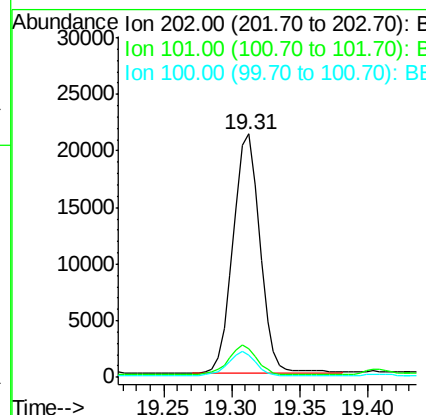
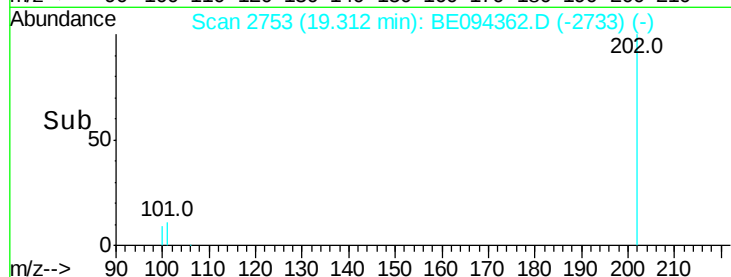
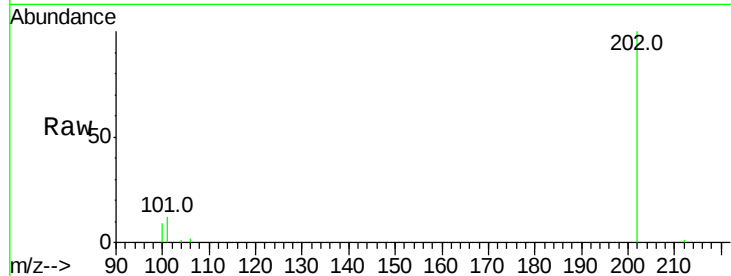
#15
Fluoranthene
Concen: 0.795 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094362.D
Acq: 14 Oct 2017 19:22

Instrument :
BNA_E
ClientSampleId :
B-42(0.3-1.3) 100217

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.3	0.0	39.5

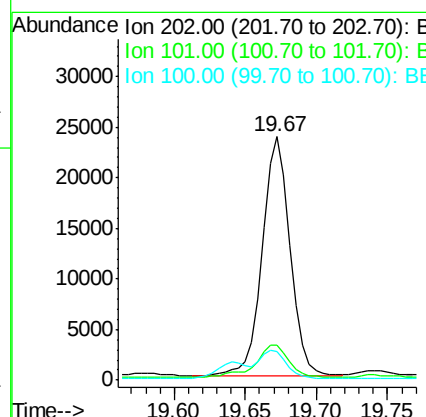
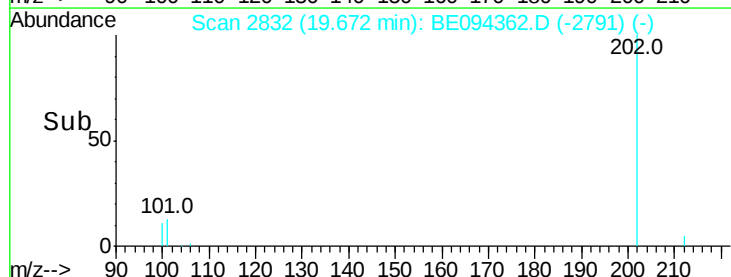
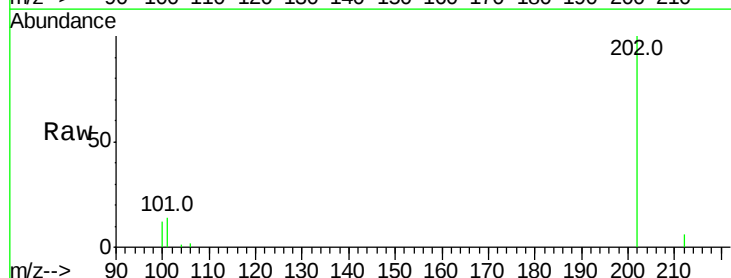
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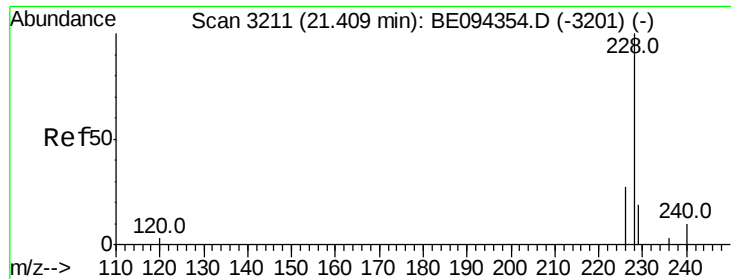
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#17
Pyrene
Concen: 1.133 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094362.D
Acq: 14 Oct 2017 19:22

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	18.2	27.4#
100	11.8	15.6	23.4#





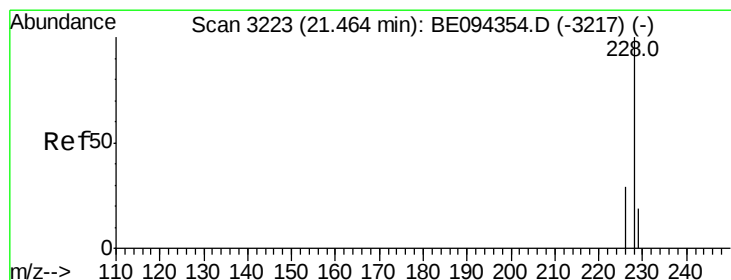
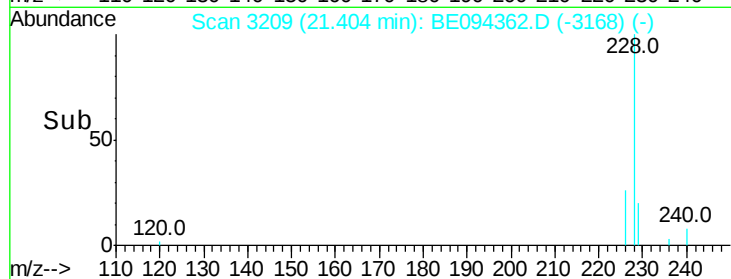
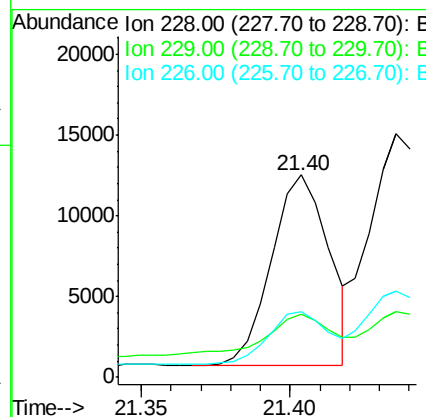
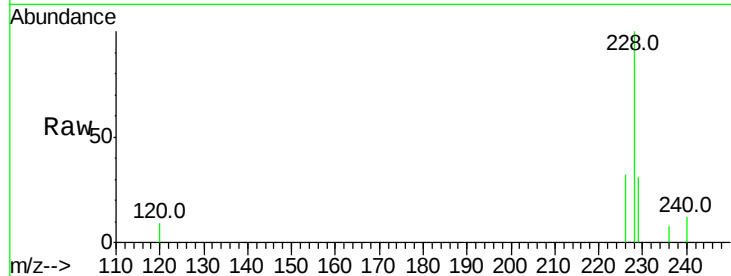
#18
Benzo(a)anthracene
Concen: 0.582 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094362.D
Acq: 14 Oct 2017 19:22

Instrument :
BNA_E
ClientSampleId :
B-42(0.3-1.3) 100217

Tot Ion	Ratio	Lower	Upper
228	100		
229	31.1	22.8	34.2
226	32.3	17.0	25.6

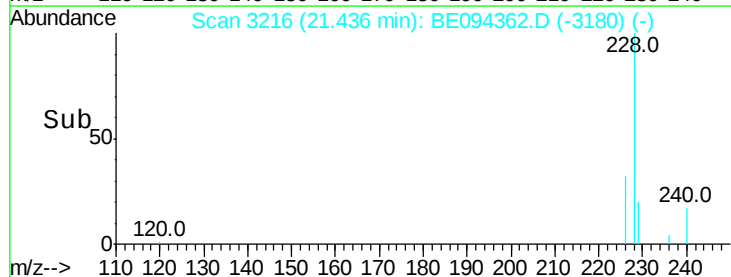
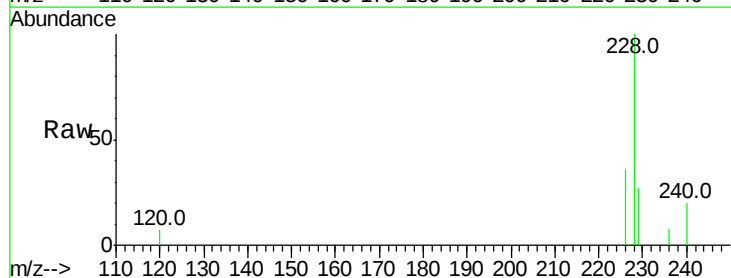
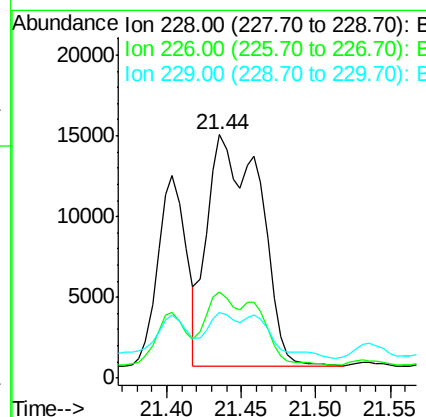
Manual Integrations
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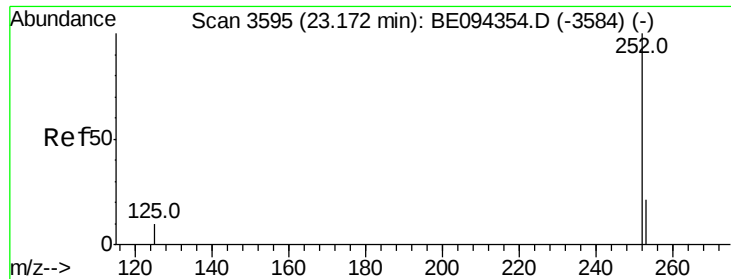
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#19
Chrysene
Concen: 1.117 ng/ul
RT: 21.44 min Scan# 3216
Delta R.T. -0.04 min
Lab File: BE094362.D
Acq: 14 Oct 2017 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.4	35.0
229	27.0	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 2.123 ng/ul m

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

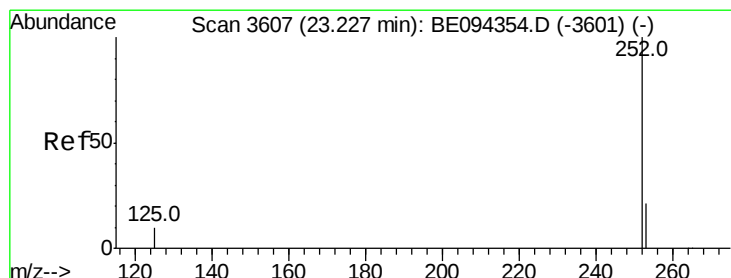
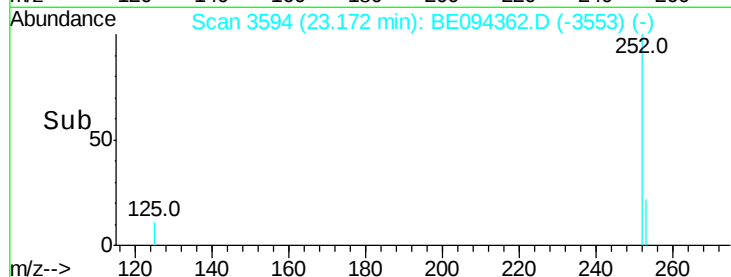
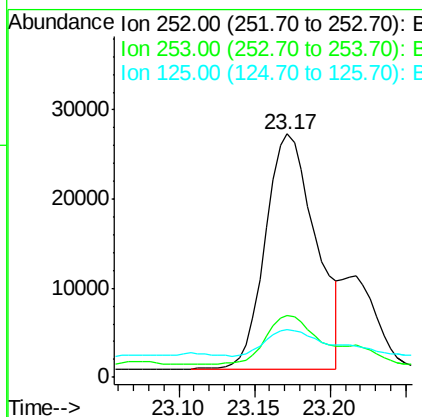
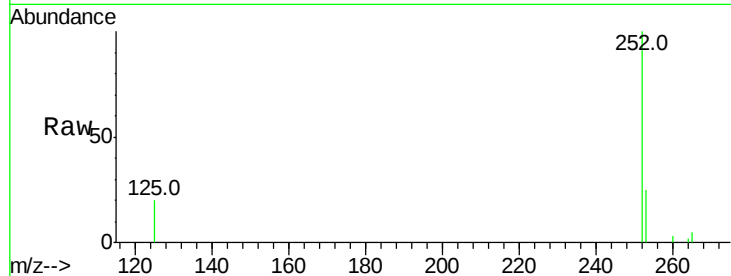
ClientSampleId :

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Tot Ion:	252	Resp:	61169
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	64.2
125	19.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.539 ng/ul m

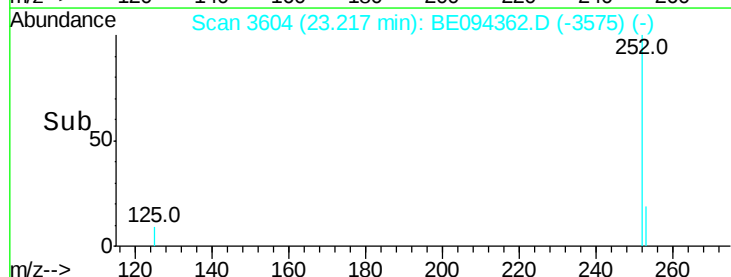
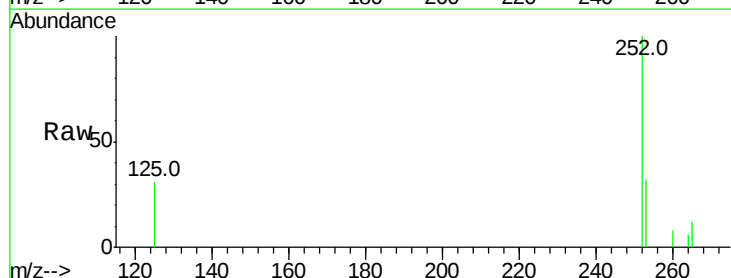
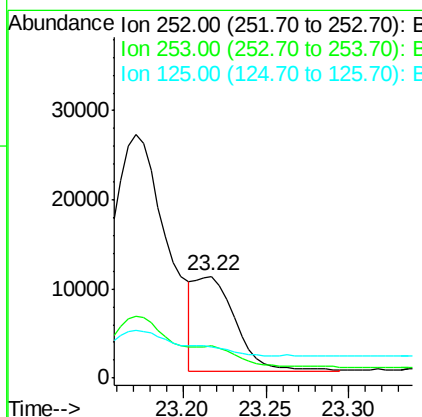
RT: 23.22 min Scan# 3604

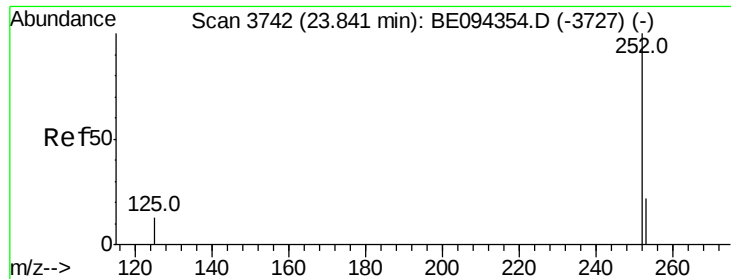
Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Tgt Ion:	252	Resp:	17952
Ion Ratio	Lower	Upper	
252	100		
253	32.0	24.5	36.7
125	30.6	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.774 ng/ul

RT: 23.84 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

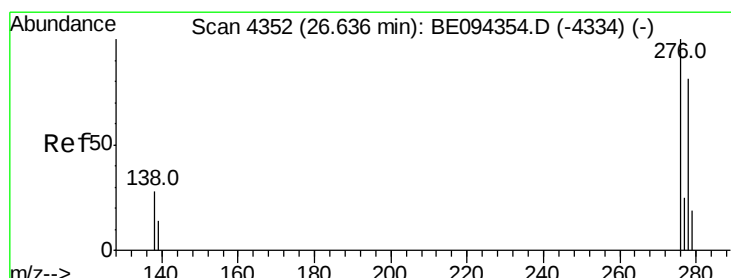
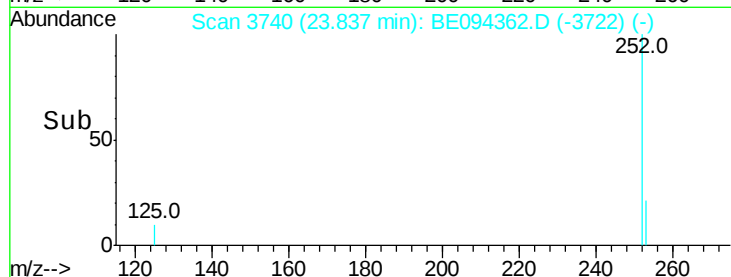
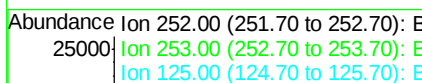
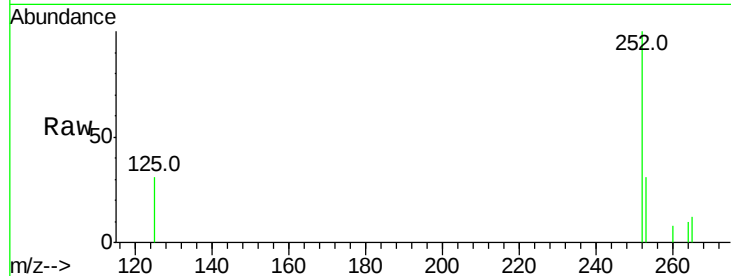
ClientSampleId :

B-42(0.3-1.3) 100217

Tot Ion:	252	Resp:	23169
Ion Ratio	Lower	Upper	
252	100		
253	31.4	28.5	42.7
125	31.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.928 ng/ul

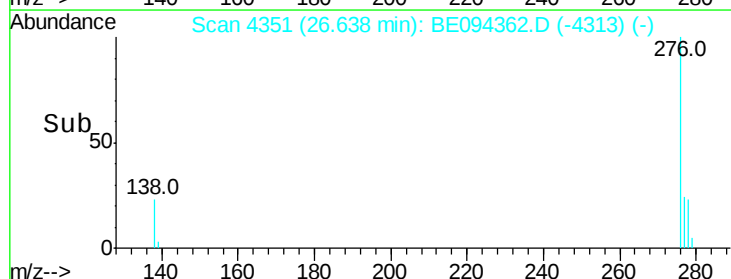
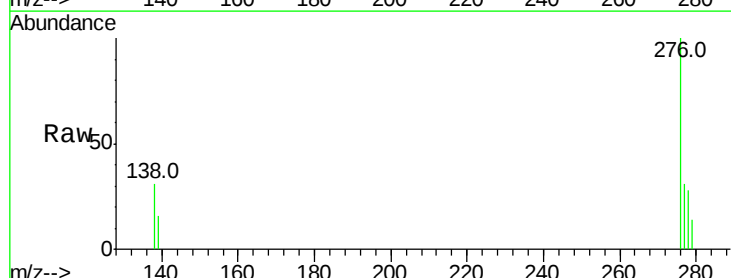
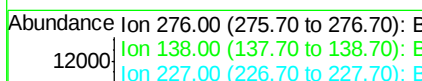
RT: 26.64 min Scan# 4351

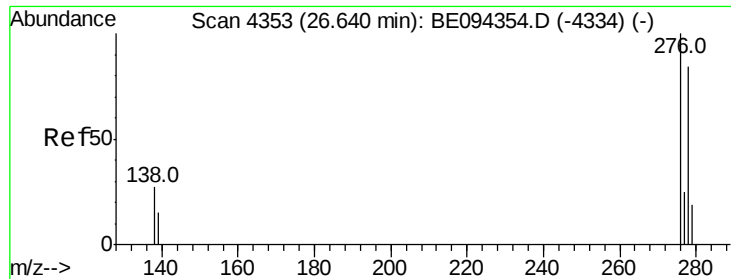
Delta R.T. -0.03 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Tgt Ion:	276	Resp:	28412
Ion Ratio	Lower	Upper	
276	100		
138	24.3	28.0	42.0#
227	0.0	8.0	12.0#





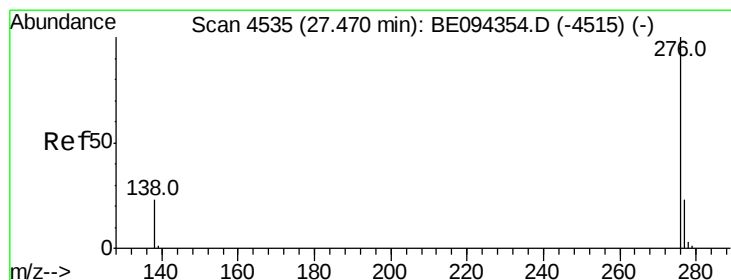
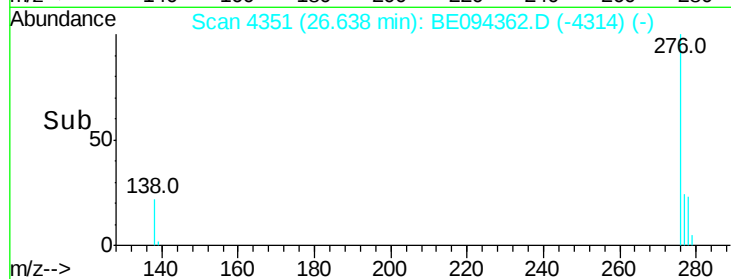
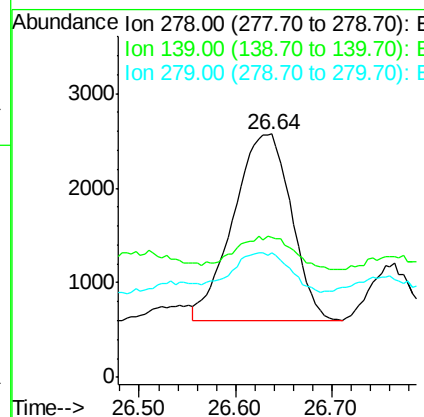
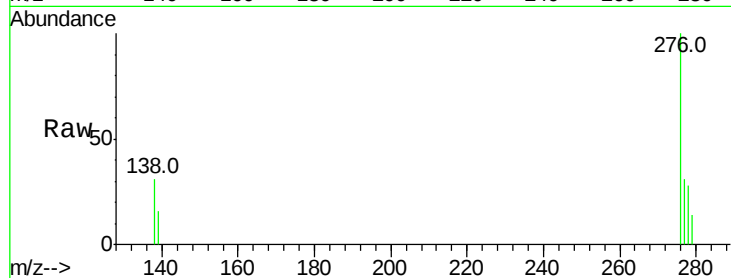
#25
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.64 min Scan# 4351
Delta R.T. -0.03 min
Lab File: BE094362.D
Acq: 14 Oct 2017 19:22

Instrument :
BNA_E
ClientSampleId :
B-42(0.3-1.3) 100217

Tot Ion	Ratio	Lower	Upper
278	100		
139	57.6	17.4	26.0#
279	51.1	25.9	38.9#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:13 PM



#26
Benzo(g,h,i)perylene
Concen: 1.158 ng/ul
RT: 27.47 min Scan# 4534
Delta R.T. -0.03 min
Lab File: BE094362.D
Acq: 14 Oct 2017 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	21.8	32.8
277	30.7	20.5	30.7

