

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094542.D
 Acq On : 25 Oct 2017 20:43
 Operator : SJ/JU
 Sample : I5693-03 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-32(1-2)-100417

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:56:23 AM

Quant Time: Oct 26 12:17:21 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 Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7543	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9228	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9842	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8806	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	478	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1342	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	10844	0.588	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	2602	0.202	ng/ul	99
7) Acenaphthylene	14.24	152	8237	0.439	ng/ul	98
8) Acenaphthene	14.57	153	4911	0.365	ng/ul	95
9) Fluorene	15.56	166	5450	0.360	ng/ul#	82
12) Phenanthrene	17.29	178	134153	5.504	ng/ul#	90
13) Anthracene	17.38	178	24226	1.007	ng/ul#	92
15) Fluoranthene	19.31	202	275821	9.788	ng/ul	84
17) Pyrene	19.68	202	287184	9.439	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	139949	4.974	ng/ul#	89
19) Chrysene	21.47	228	150896	5.189	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	207066m	8.359	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	66420m	2.502	ng/ul	
23) Benzo(a)pyrene	23.85	252	145981	5.896	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	102213	3.989	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	22716	1.052	ng/ul#	74
26) Benzo(g,h,i)perylene	27.51	276	78095	3.796	ng/ul	96

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

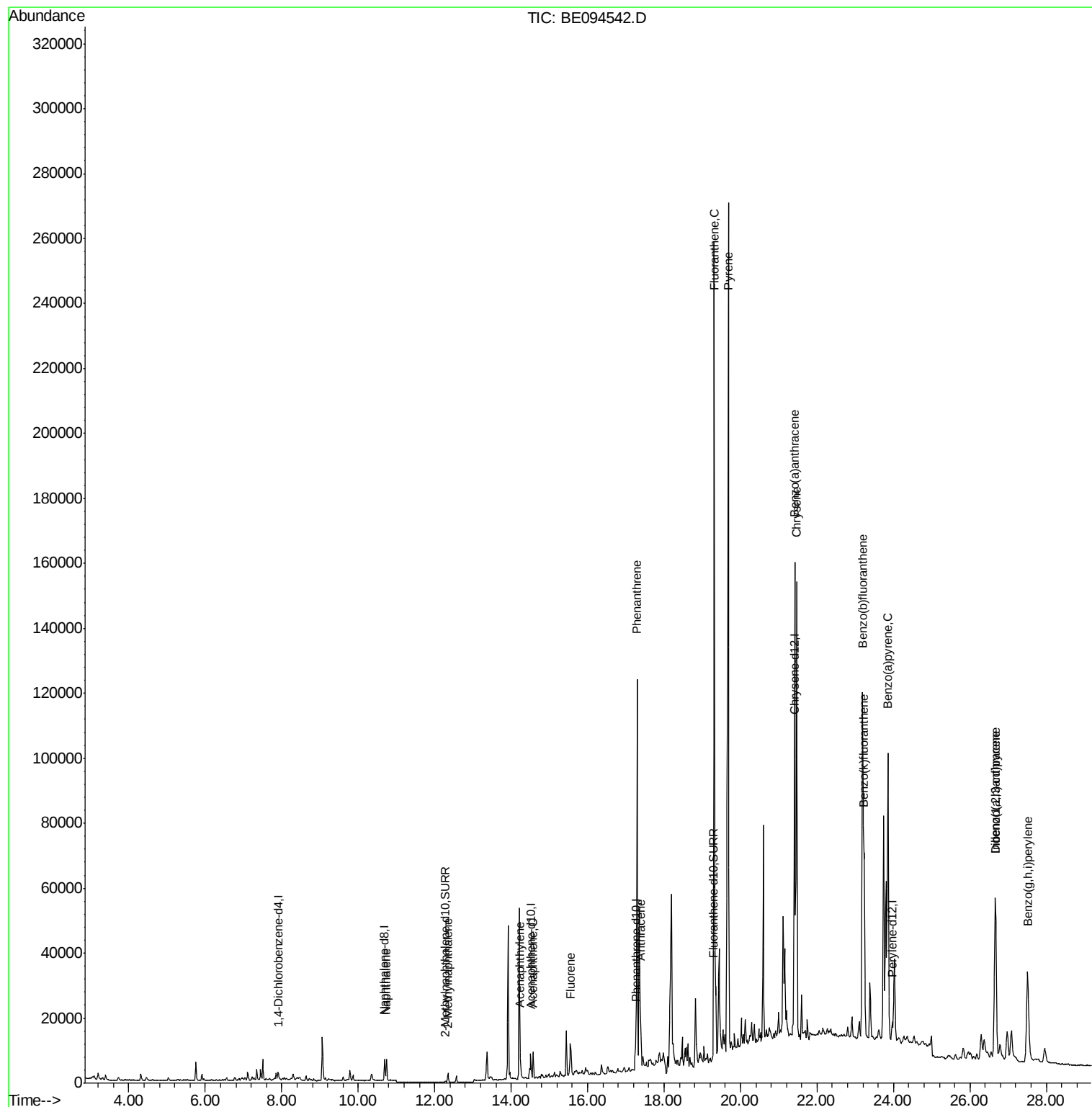
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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ALS Vial : 18 Sample Multiplier: 1

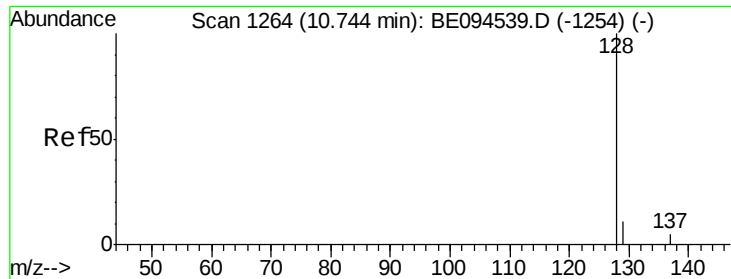
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QLast Update : Wed Oct 25 18:44:03 2017
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#3

Naphthalene

Concen: 0.588 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

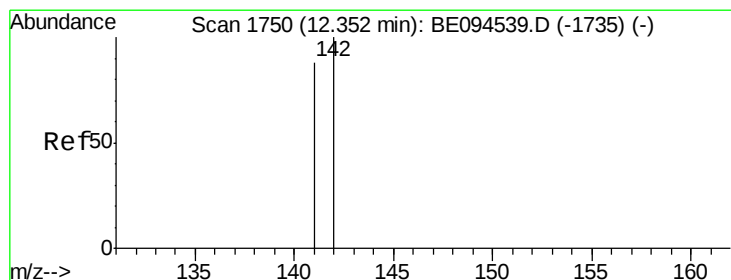
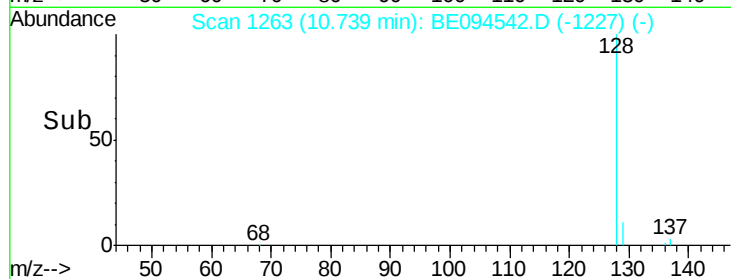
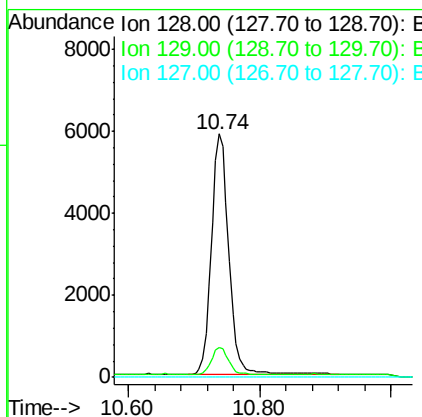
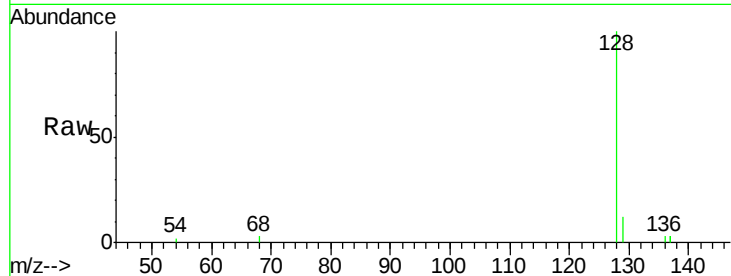
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	128	Resp:	10844
Ion Ratio	Lower	Upper	
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.202 ng/ul

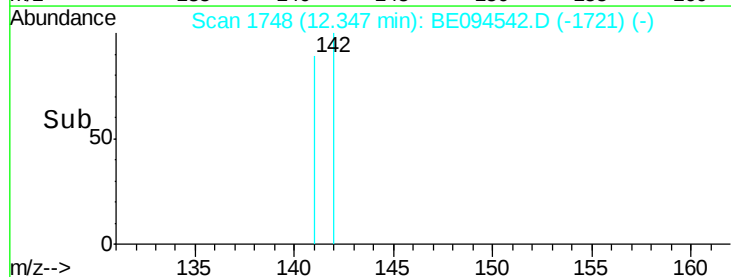
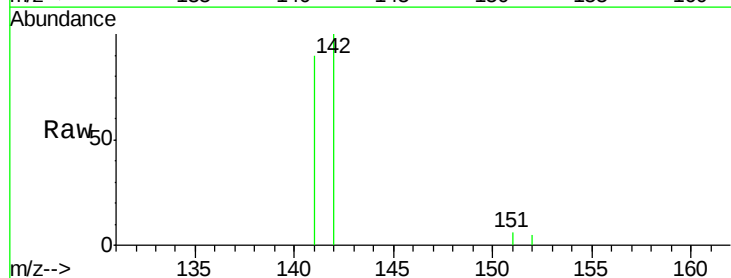
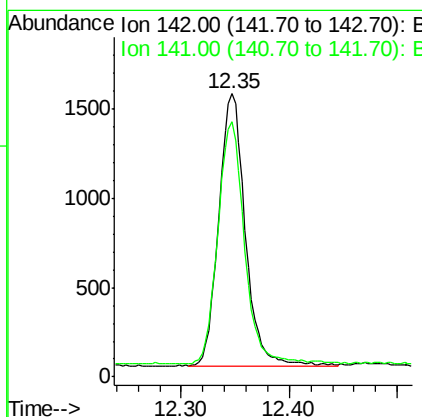
RT: 12.35 min Scan# 1748

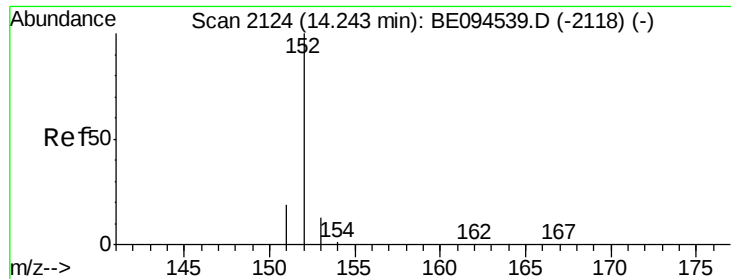
Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Tgt Ion:	142	Resp:	2602
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.439 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

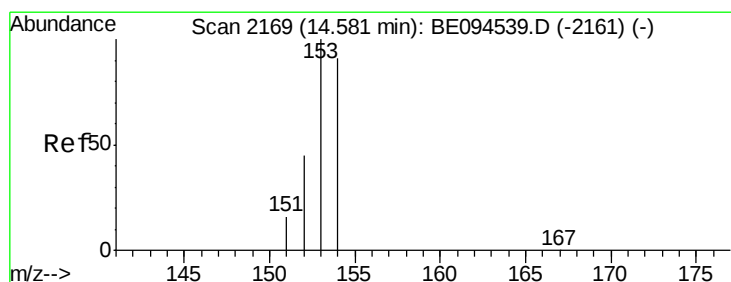
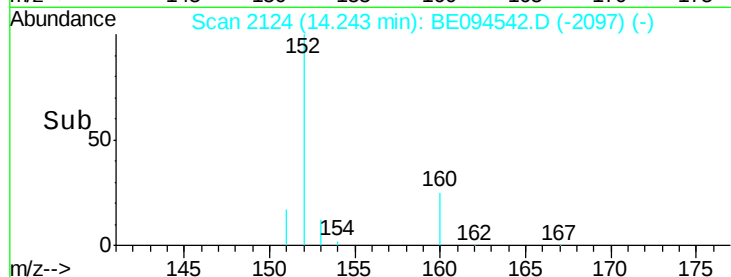
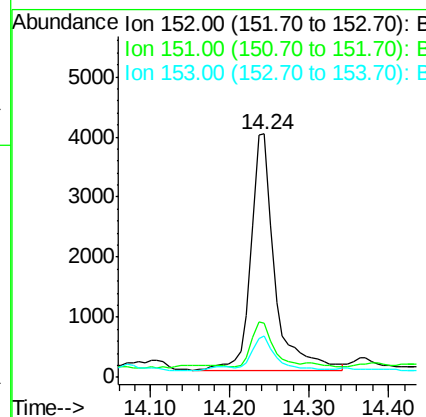
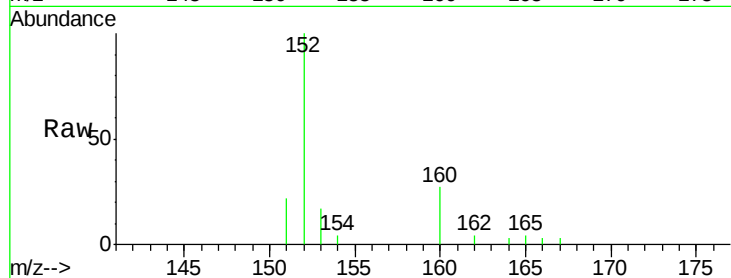
ClientSampleId :

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Tgt Ion:	152	Resp:	8237
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.1	25.7
153	16.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.365 ng/ul

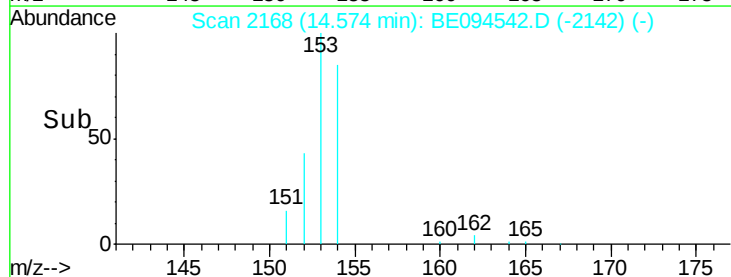
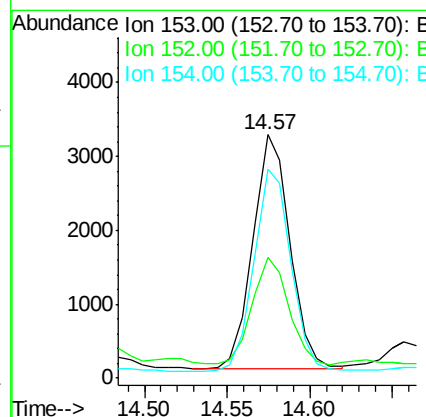
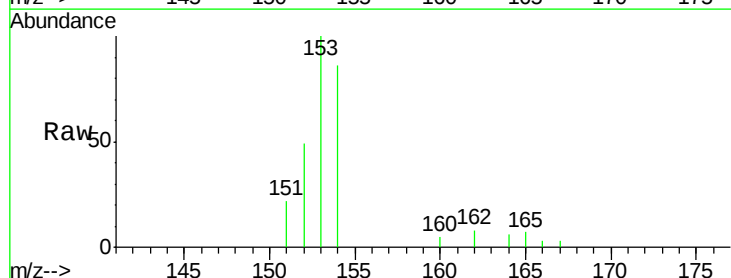
RT: 14.57 min Scan# 2168

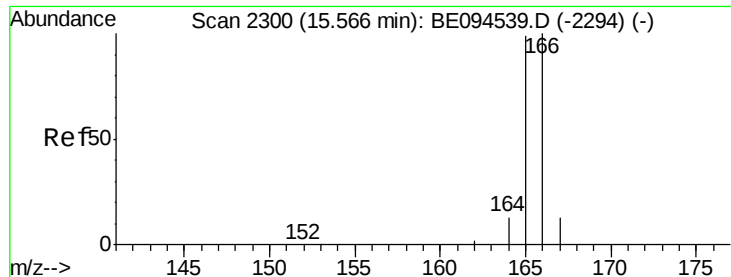
Delta R.T. -0.01 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Tgt Ion:	153	Resp:	4911
Ion Ratio	Lower	Upper	
153	100		
152	49.5	36.0	54.0
154	85.9	72.0	108.0





#9

Fluorene

Concen: 0.360 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

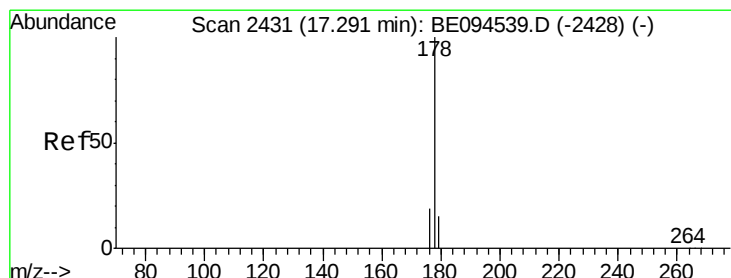
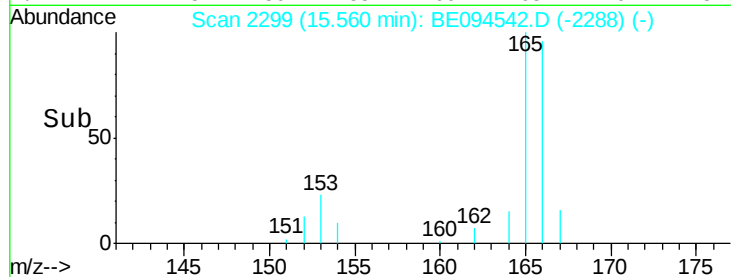
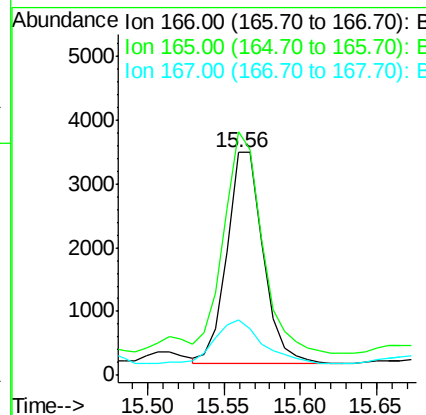
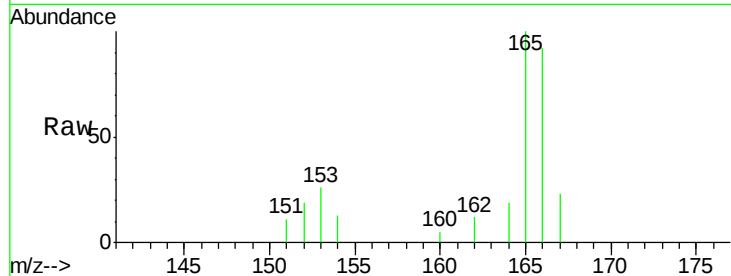
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	166	Resp:	5450
Ion Ratio	Lower	Upper	
166	100		
165	109.2	73.4	110.2
167	25.1	14.6	22.0

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#12

Phenanthrene

Concen: 5.504 ng/ul

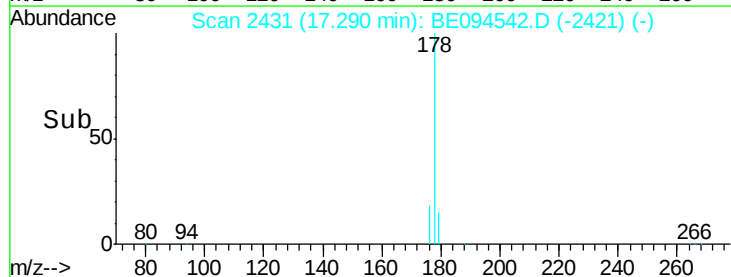
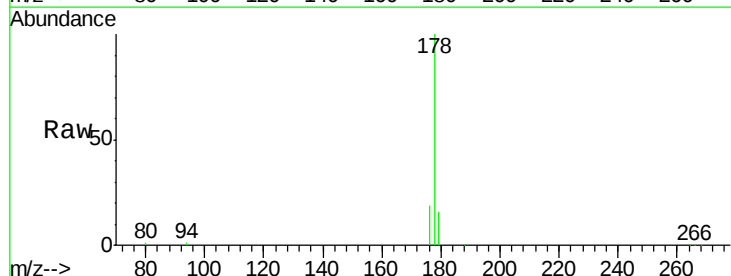
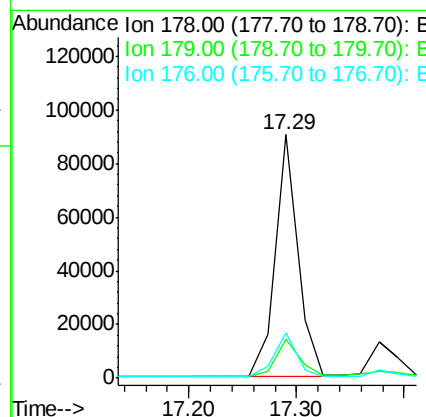
RT: 17.29 min Scan# 2431

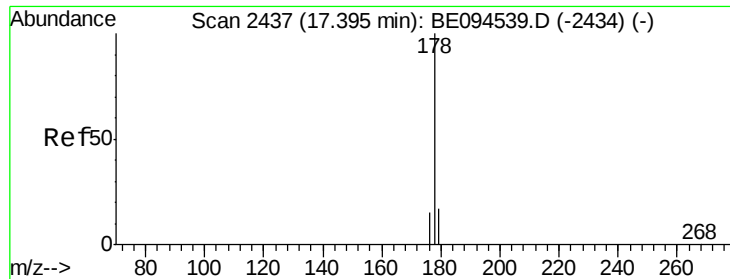
Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Tgt Ion:	178	Resp:	134153
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6
176	18.6	13.6	20.4





#13

Anthracene

Concen: 1.007 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

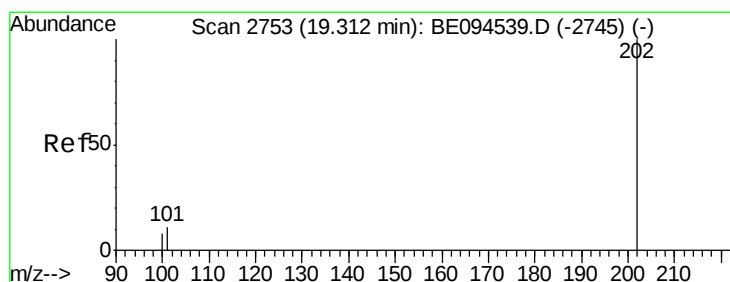
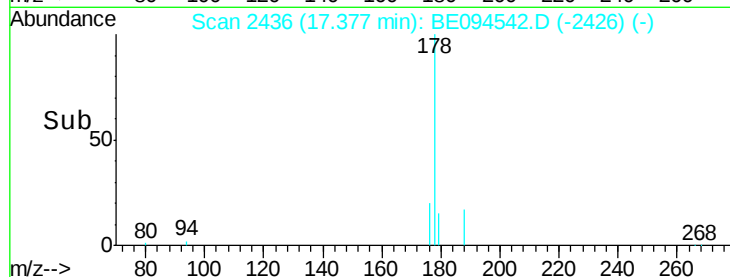
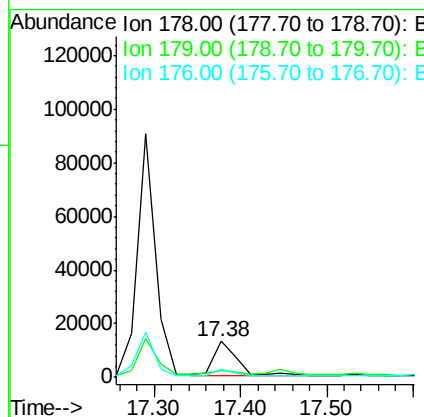
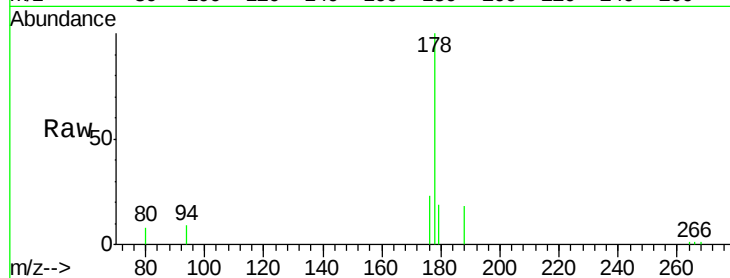
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	178	Resp:	24226
Ion Ratio	Lower	Upper	
178	100		
179	19.4	18.1	27.1
176	22.7	14.7	22.1#

Manual Integrations
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#15

Fluoranthene

Concen: 9.788 ng/ul

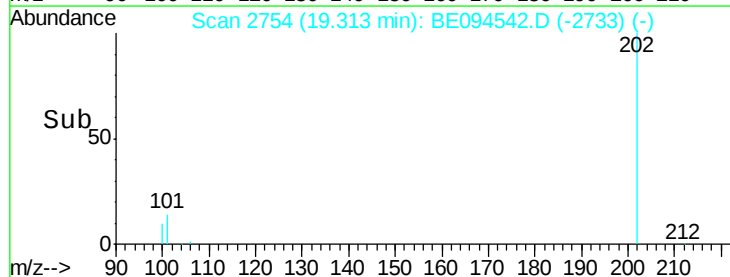
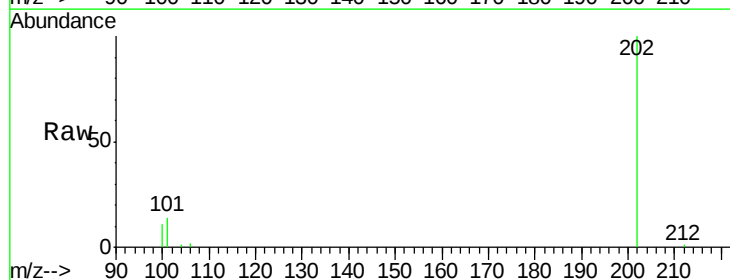
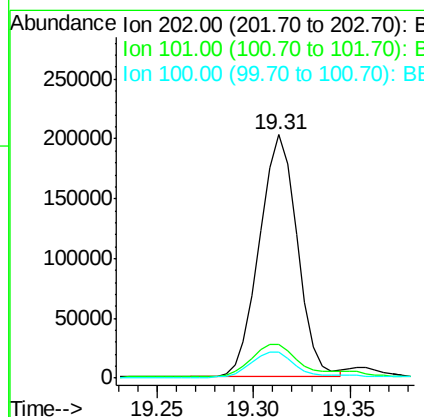
RT: 19.31 min Scan# 2754

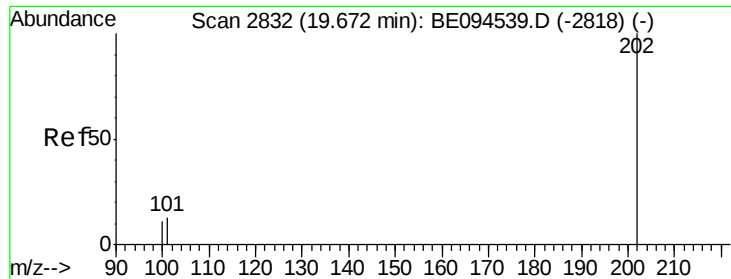
Delta R.T. -0.00 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Tgt Ion:	202	Resp:	275821
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.3
100	10.5	0.0	39.5





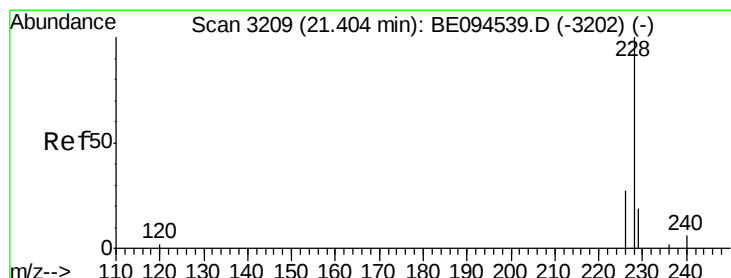
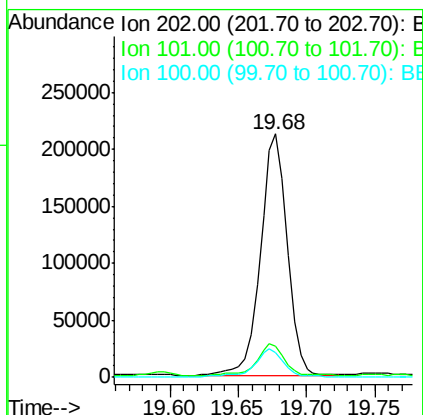
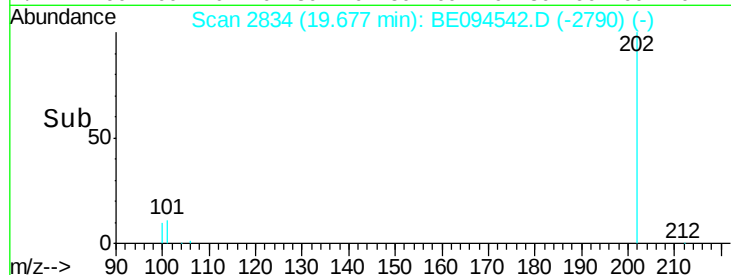
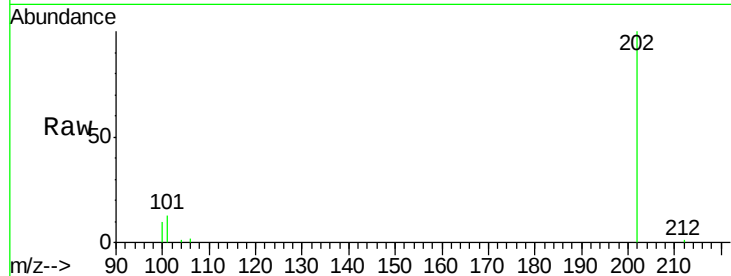
#17
Pyrene
Concen: 9.439 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	18.2	27.4#
100	10.3	15.6	23.4#

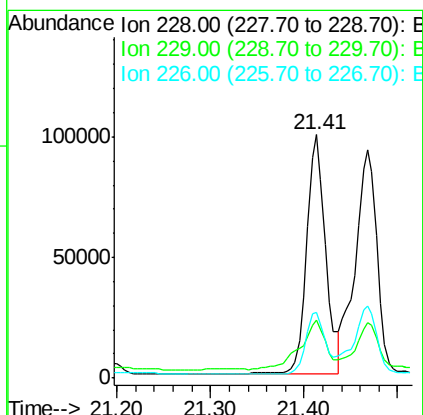
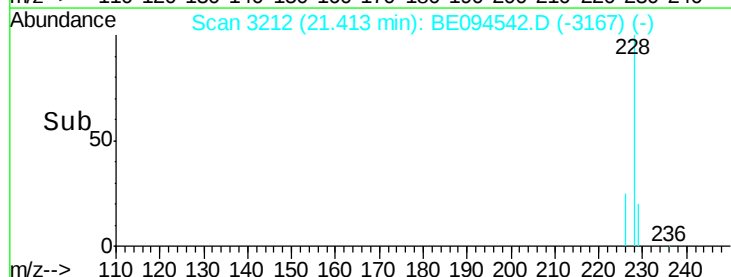
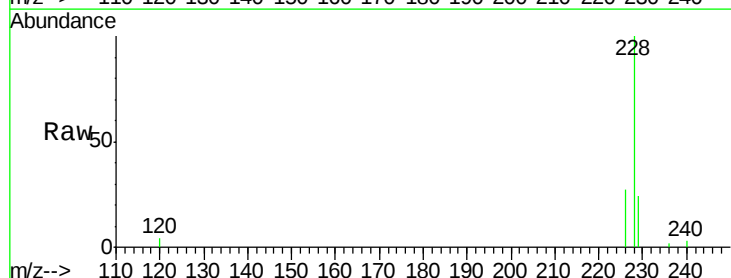
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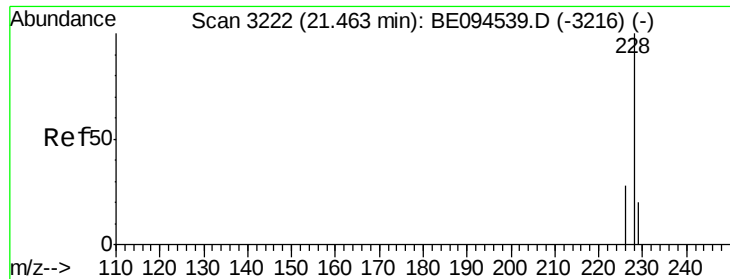
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#18
Benzo(a)anthracene
Concen: 4.974 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.6	22.8	34.2
226	27.1	17.0	25.6#





#19

Chrysene

Concen: 5.189 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

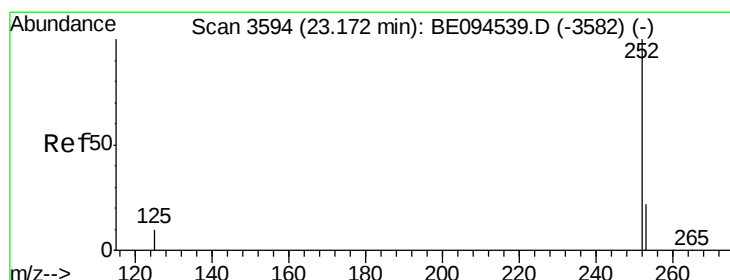
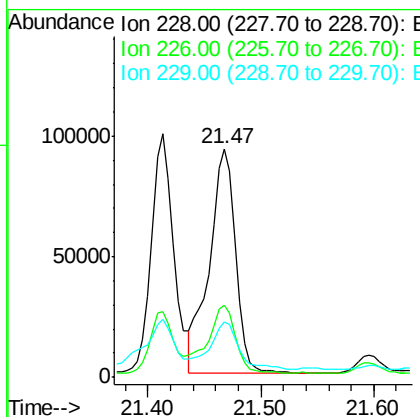
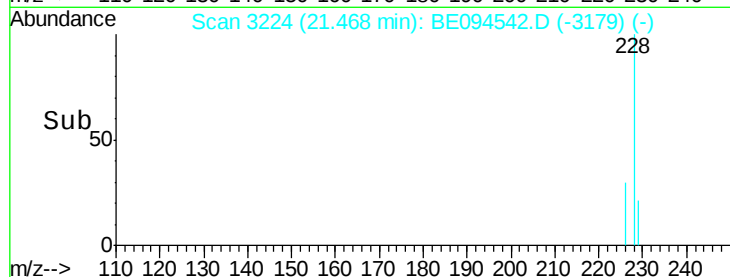
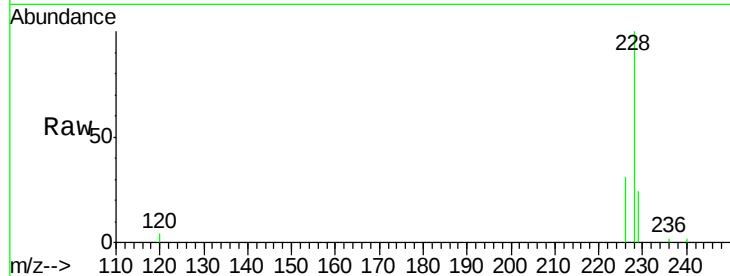
ClientSampleId :

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Tgt Ion:	228	Resp:	150896
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	24.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 8.359 ng/ul m

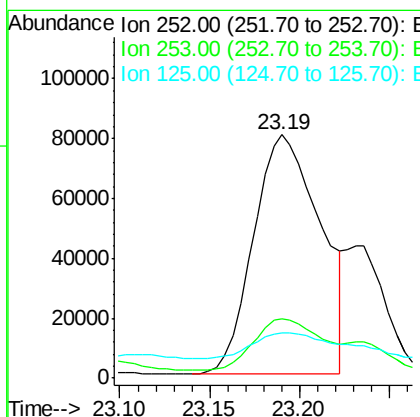
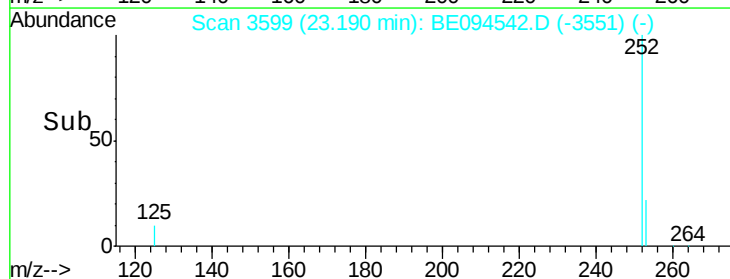
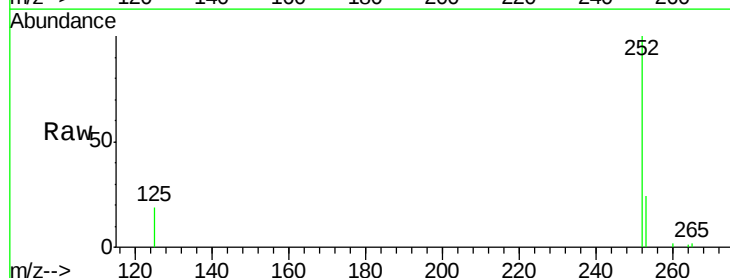
RT: 23.19 min Scan# 3599

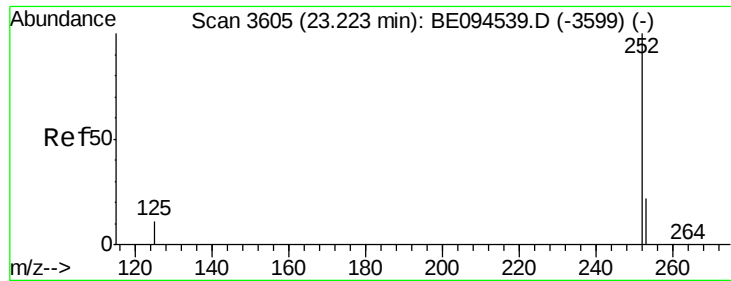
Delta R.T. 0.02 min

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Tgt Ion:	252	Resp:	207066
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	64.2
125	18.5	0.0	35.0





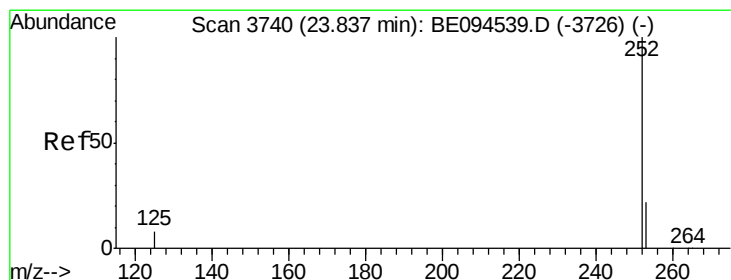
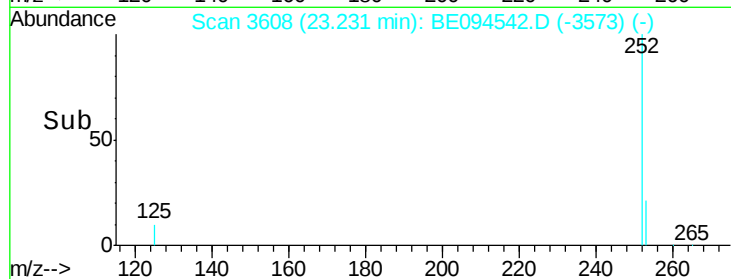
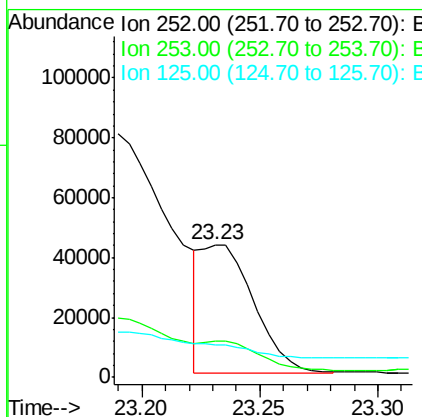
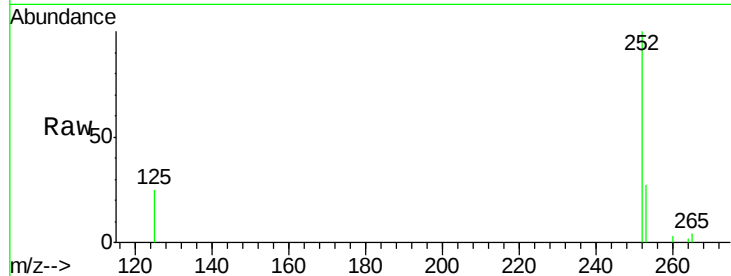
#22
Benzo(k)fluoranthene
Concen: 2.502 ng/u1 m
RT: 23.23 min Scan# 3608
Delta R.T. 0.01 min
Lab File: BE094542.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	24.5	36.7
125	24.9	13.7	20.5

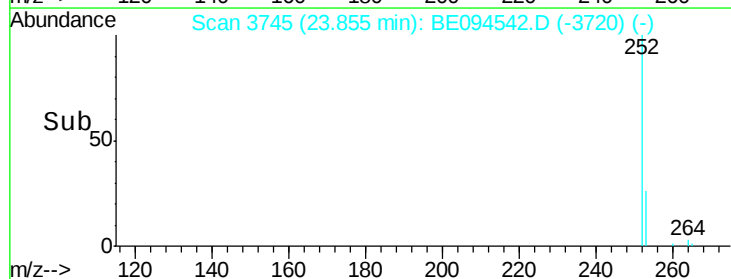
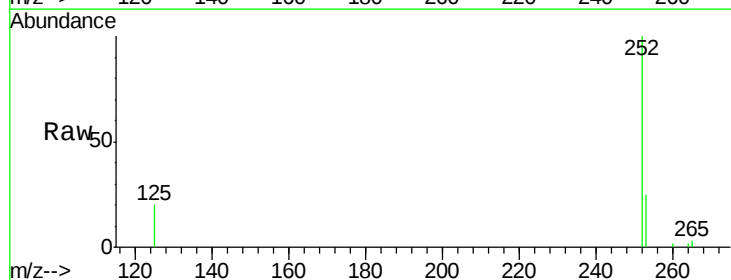
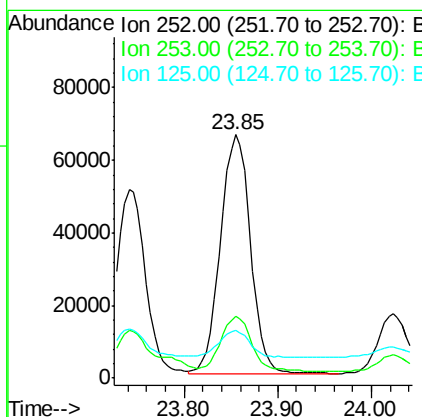
Manual Integrations
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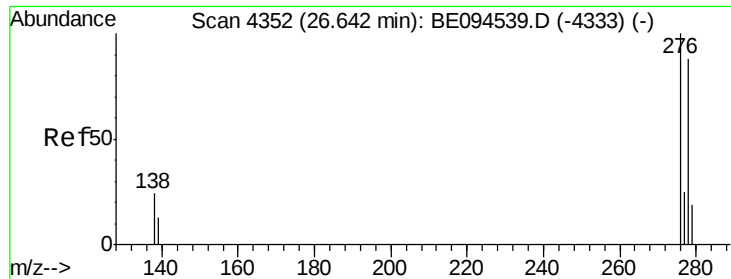
Sohil
10/27/2017 8:56:23 AM



#23
Benzo(a)pyrene
Concen: 5.896 ng/u1
RT: 23.85 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BE094542.D
Acq: 25 Oct 2017 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	28.5	42.7
125	19.7	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.989 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. 0.03 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

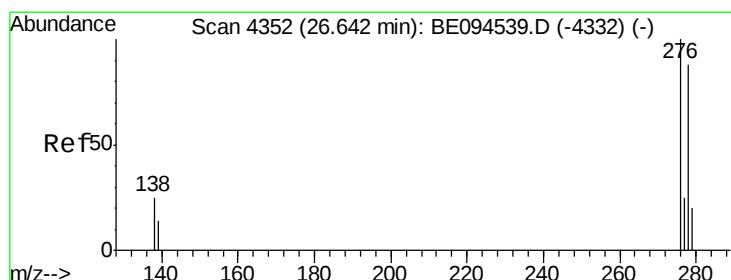
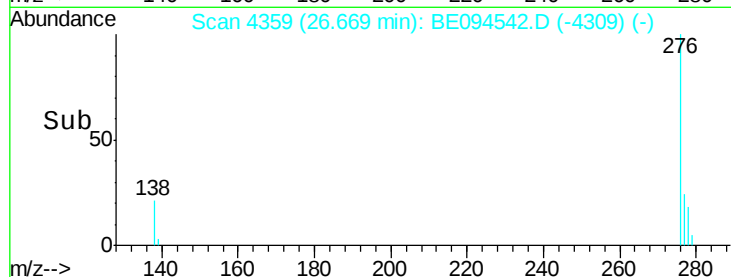
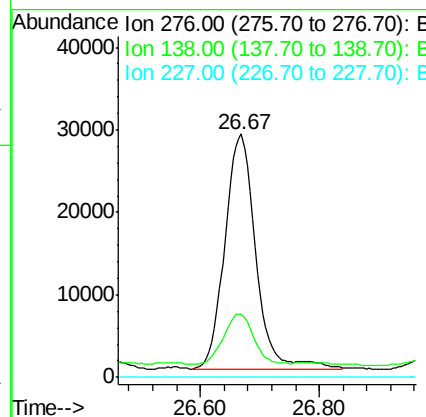
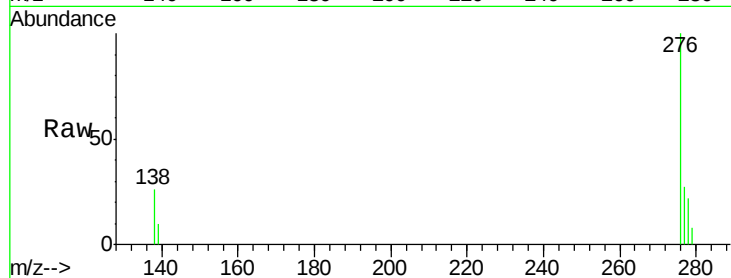
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	276	Resp:	102213
Ion Ratio		Lower	Upper
276	100		
138	20.9	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 1.052 ng/ul

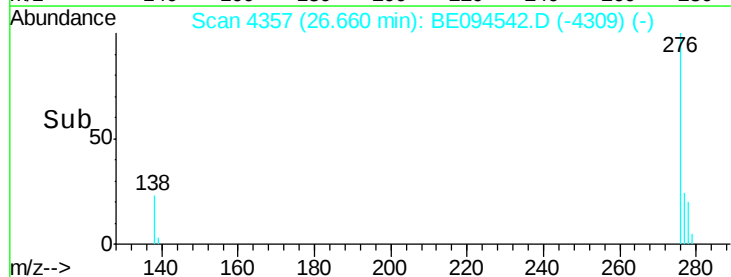
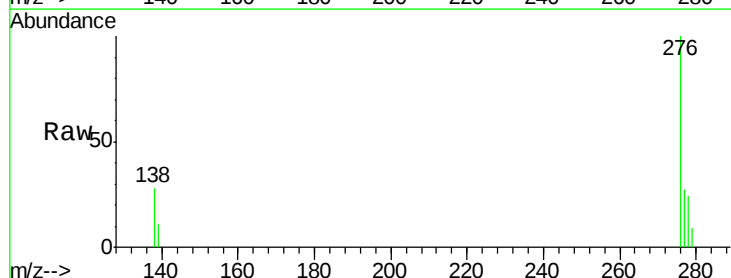
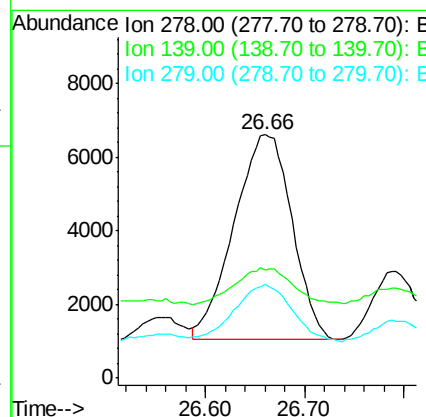
RT: 26.66 min Scan# 4357

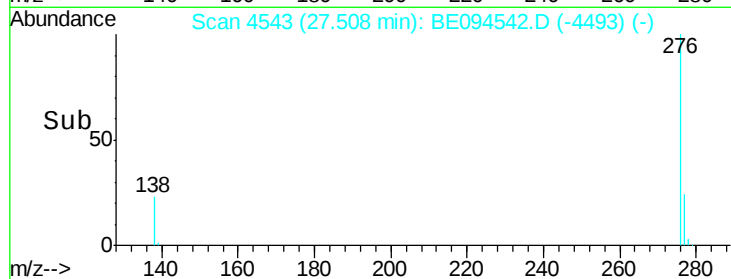
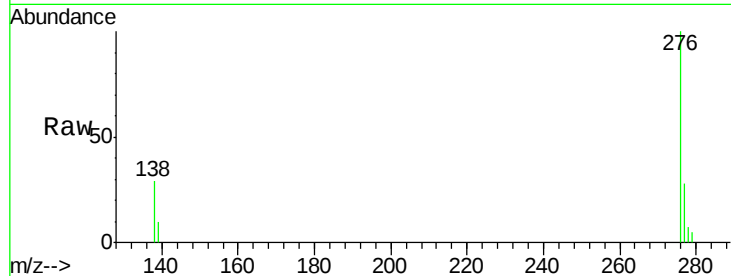
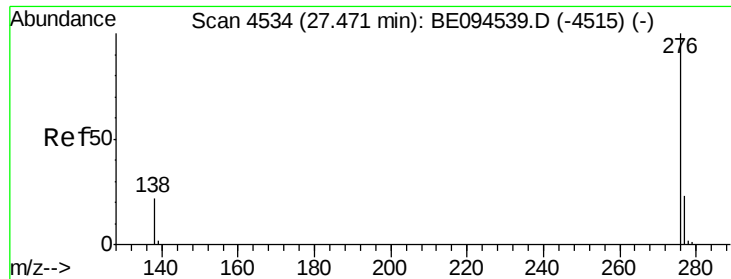
Delta R.T. 0.02 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Tgt Ion:	278	Resp:	22716
Ion Ratio		Lower	Upper
278	100		
139	44.4	17.4	26.0#
279	38.4	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 3.796 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. 0.03 min

Lab File: BE094542.D

Acq: 25 Oct 2017 20:43

Instrument :

BNA_E

ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	276	Resp:	78095
Ion Ratio	Lower	Upper	
276	100		
138	28.8	21.8	32.8
277	28.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:23 AM

