

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094533.D
 Acq On : 25 Oct 2017 14:58
 Operator : SJ/JU
 Sample : I5693-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-30(3-3.8)-100417

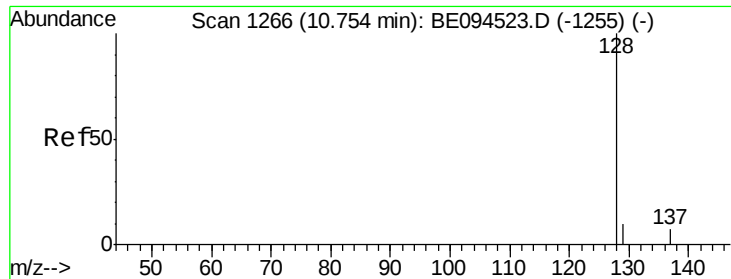
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Quant Time: Oct 25 19:01:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2445	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7432	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4420	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	8319	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9575	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7869	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2446	0.20	ng/ul	-0.03
14) Fluoranthene-d10	19.28	212	8968	0.36	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	186093	10.241	ng/ul#	95
5) 2-Methylnaphthalene	12.34	142	334976	26.350	ng/ul	98
7) Acenaphthylene	14.24	152	16308	0.816	ng/ul#	34
8) Acenaphthene	14.57	153	28198	1.963	ng/ul	92
9) Fluorene	15.56	166	35192	2.181	ng/ul	89
12) Phenanthrene	17.29	178	326182m	14.845	ng/ul	
13) Anthracene	17.38	178	49233	2.270	ng/ul	97
15) Fluoranthene	19.31	202	350229	13.787	ng/ul	83
17) Pyrene	19.67	202	459255	15.515	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	263440	9.624	ng/ul#	92
19) Chrysene	21.46	228	289744	10.241	ng/ul	94
21) Benzo(b)fluoranthene	23.19	252	371977m	16.805	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	131760m	5.555	ng/ul	
23) Benzo(a)pyrene	23.86	252	264948	11.974	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.67	276	211044	9.218	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.66	278	55072	2.855	ng/ul#	86
26) Benzo(g,h,i)perylene	27.51	276	181641	9.880	ng/ul	99

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



#3

Naphthalene

Concen: 10.241 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094533.D

Acq: 25 Oct 2017 14:58

Instrument :

BNA_E

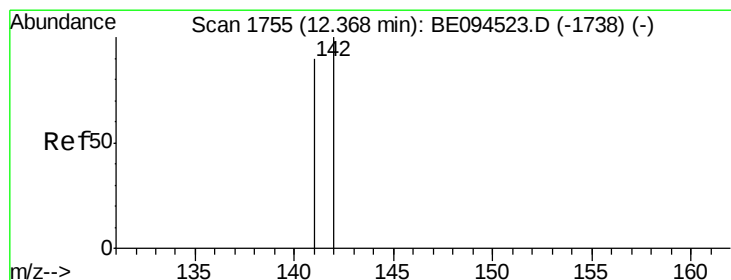
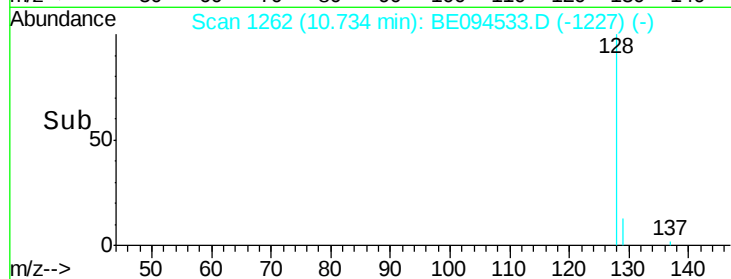
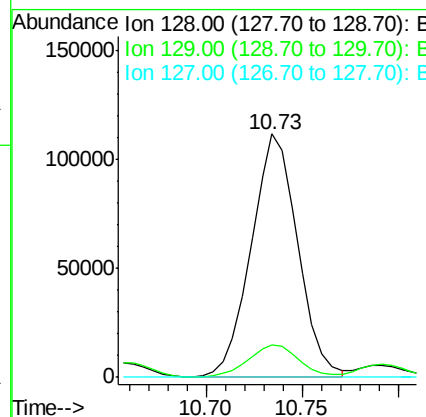
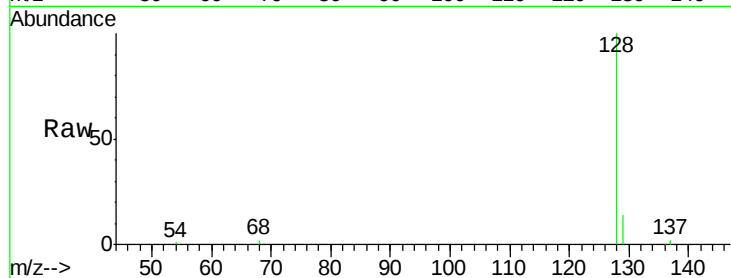
ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:	128	Resp:	186093
Ion Ratio	Lower	Upper	
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 26.350 ng/ul

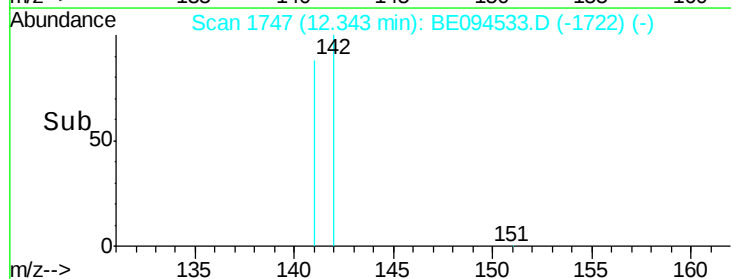
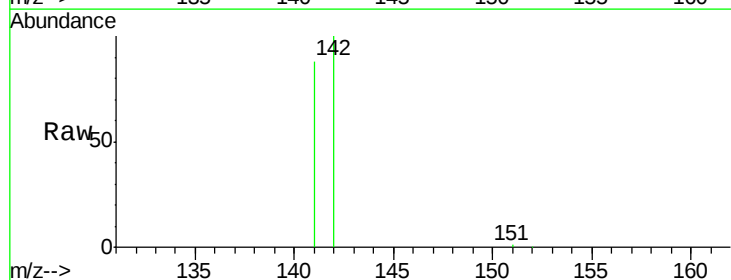
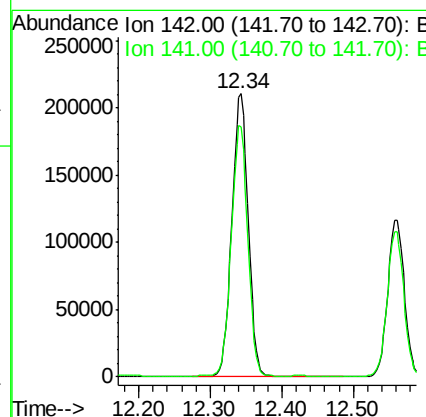
RT: 12.34 min Scan# 1747

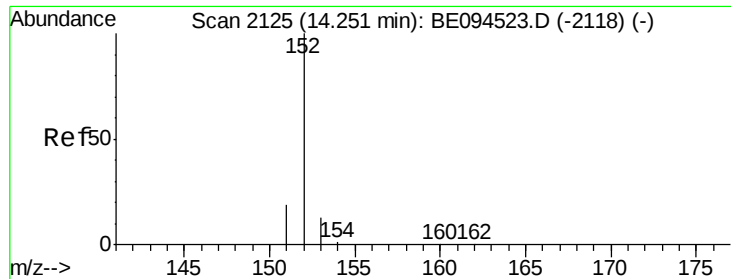
Delta R.T. -0.02 min

Lab File: BE094533.D

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Tgt Ion:	142	Resp:	334976
Ion Ratio	Lower	Upper	
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.816 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094533.D

Acq: 25 Oct 2017 14:58

Instrument :

BNA_E

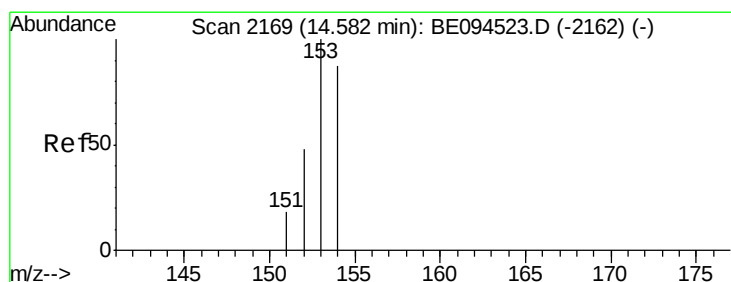
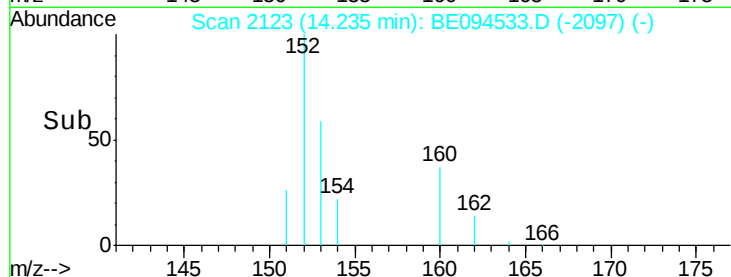
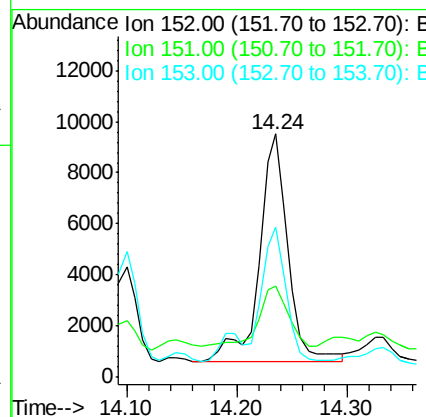
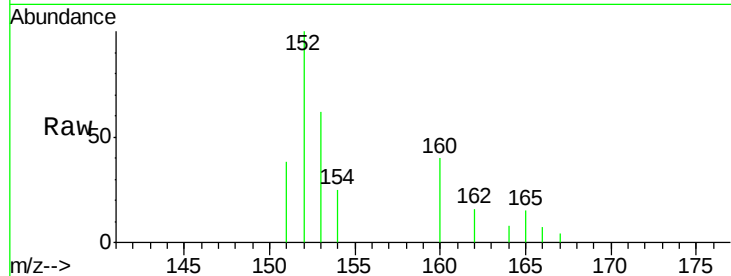
ClientSampleId :

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Tgt Ion:	152	Resp:	16308
Ion Ratio	Lower	Upper	
152	100		
151	37.7	17.1	25.7#
153	61.5	12.8	19.2#

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#8

Acenaphthene

Concen: 1.963 ng/ul

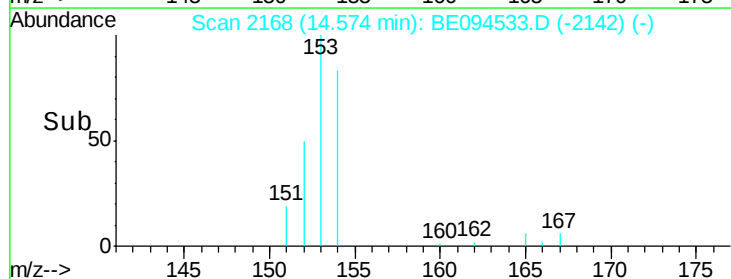
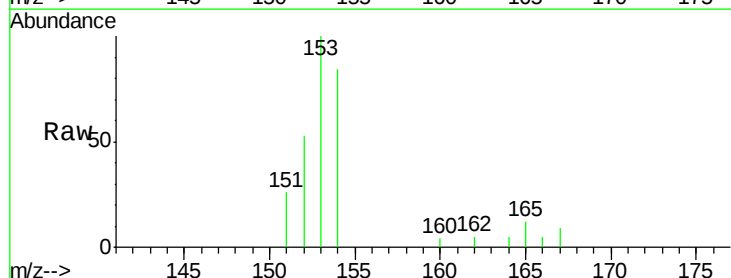
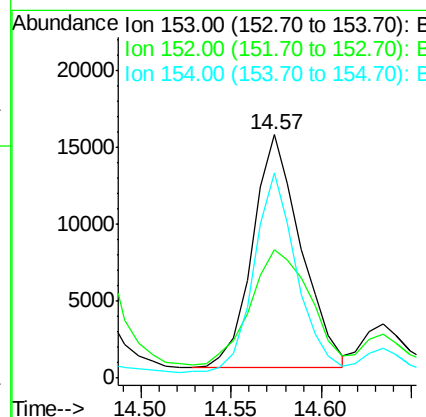
RT: 14.57 min Scan# 2168

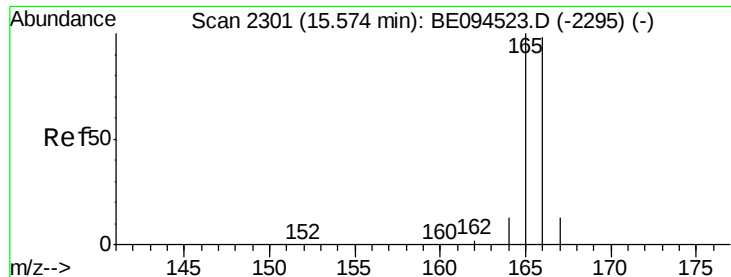
Delta R.T. -0.01 min

Lab File: BE094533.D

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Tgt Ion:	153	Resp:	28198
Ion Ratio	Lower	Upper	
153	100		
152	52.7	36.0	54.0
154	84.1	72.0	108.0





#9

Fluorene

Concen: 2.181 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094533.D

Acq: 25 Oct 2017 14:58

Instrument :

BNA_E

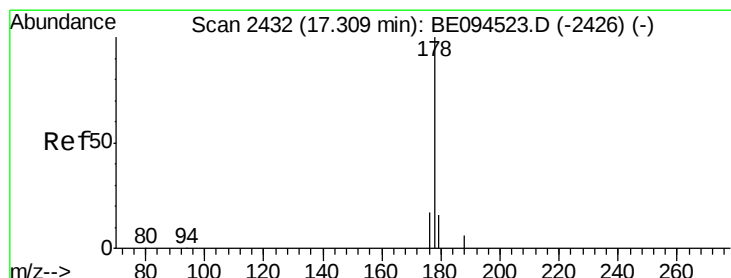
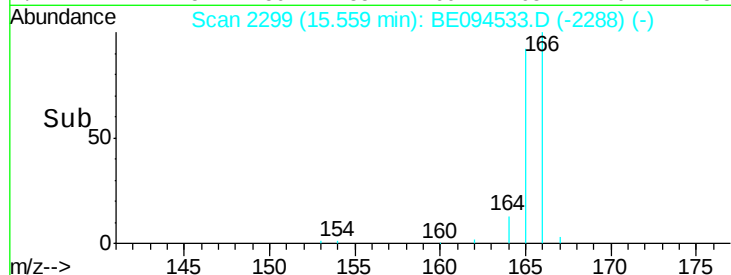
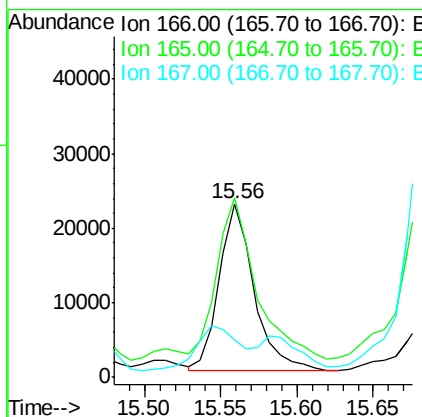
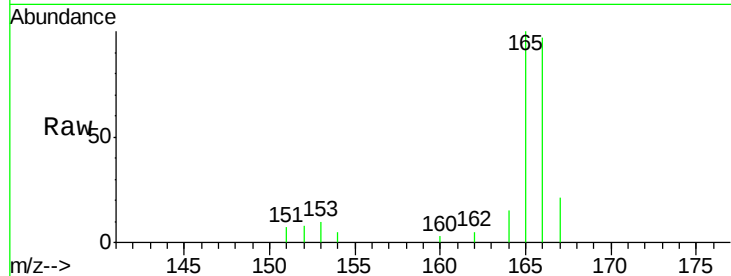
ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:	166	Resp:	35192
Ion Ratio	Lower	Upper	
166	100		
165	103.4	73.4	110.2
167	21.9	14.6	22.0

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#12

Phenanthrene

Concen: 14.845 ng/ul m

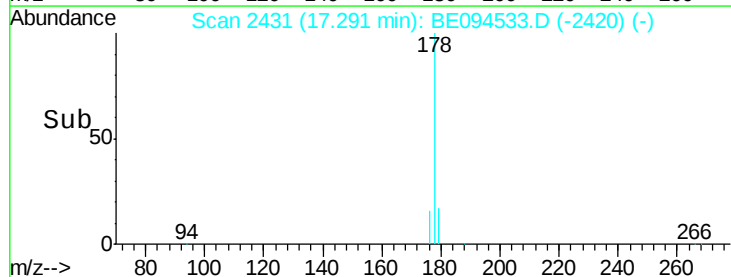
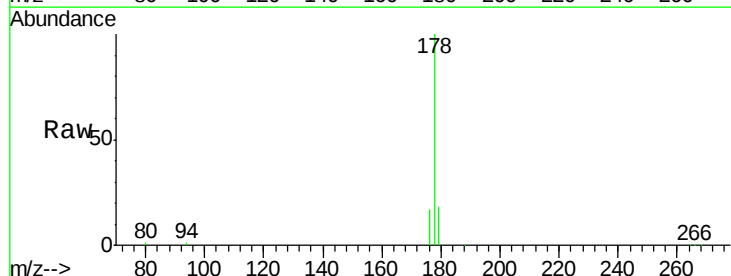
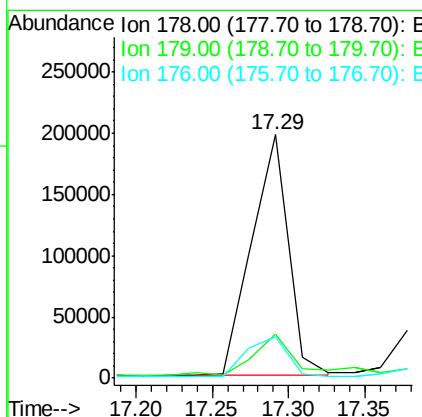
RT: 17.29 min Scan# 2431

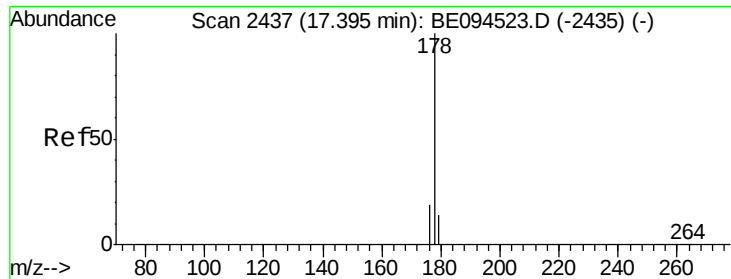
Delta R.T. -0.02 min

Lab File: BE094533.D

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Tgt Ion:	178	Resp:	326182
Ion Ratio	Lower	Upper	
178	100		
179	18.2	18.4	27.6#
176	16.9	13.6	20.4





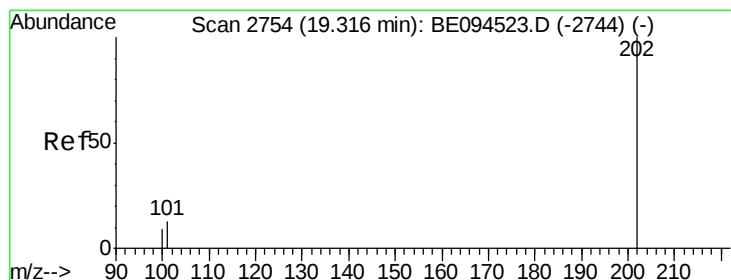
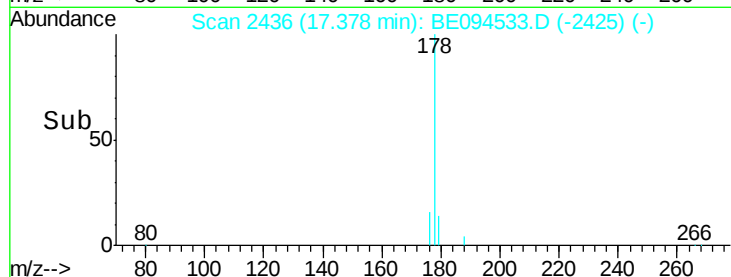
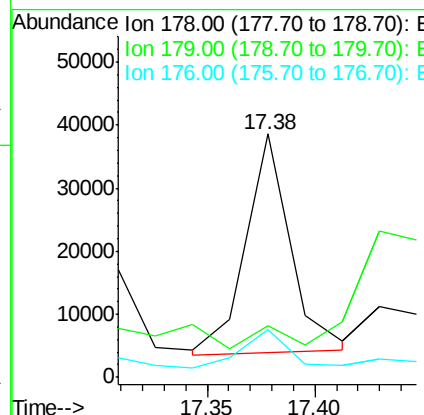
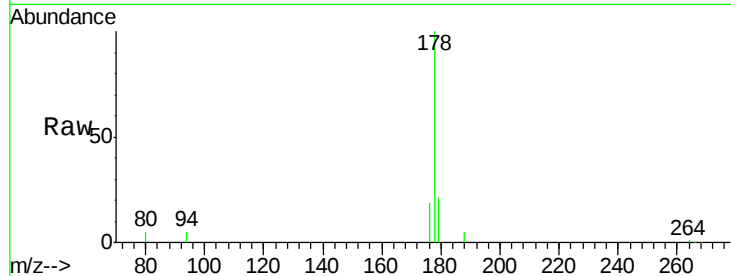
#13
 Anthracene
 Concen: 2.270 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

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 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	18.1	27.1
176	19.4	14.7	22.1

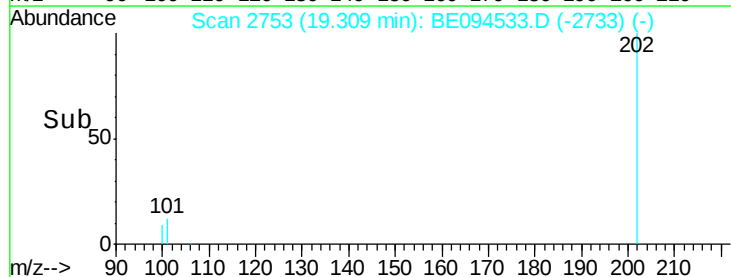
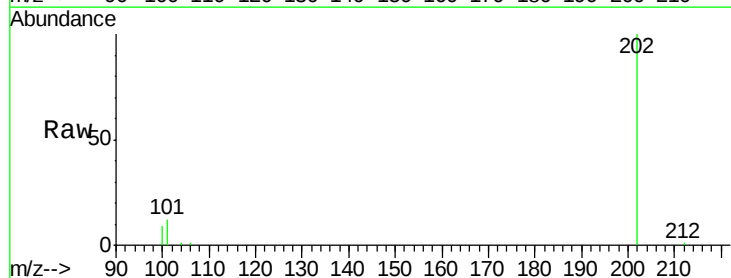
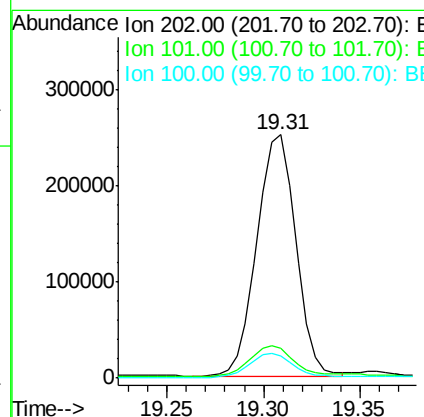
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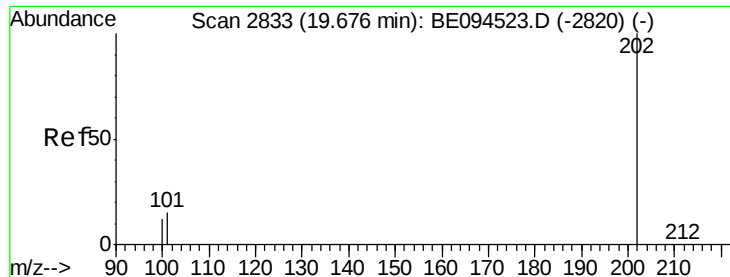
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#15
 Fluoranthene
 Concen: 13.787 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.2	0.0	39.5





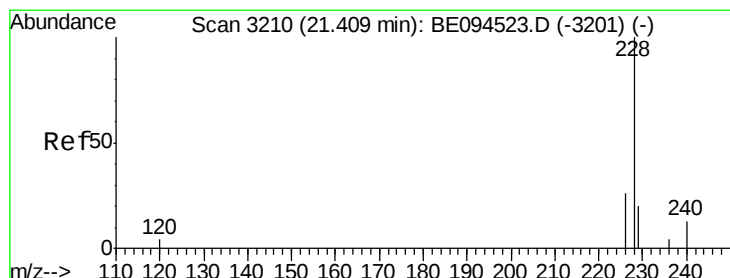
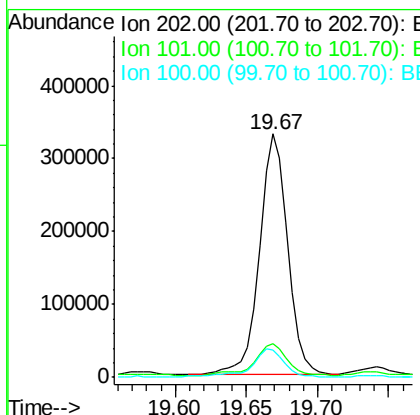
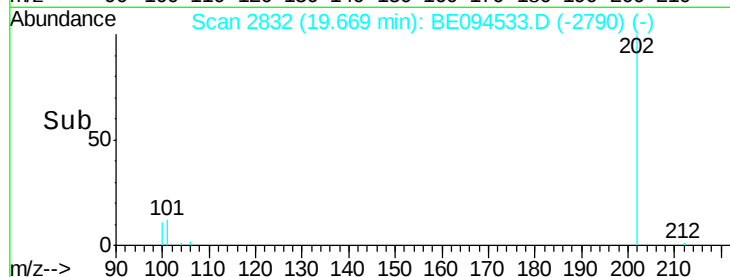
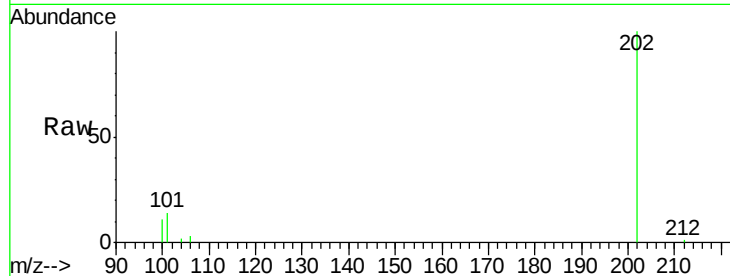
#17
 Pyrene
 Concen: 15.515 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	18.2	27.4#
100	11.4	15.6	23.4#

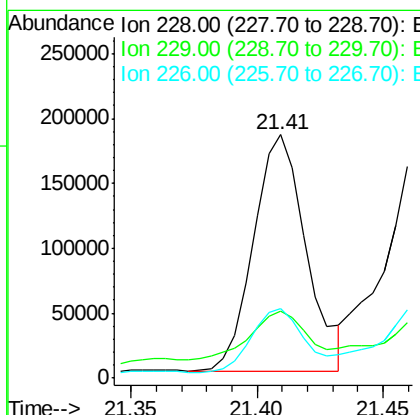
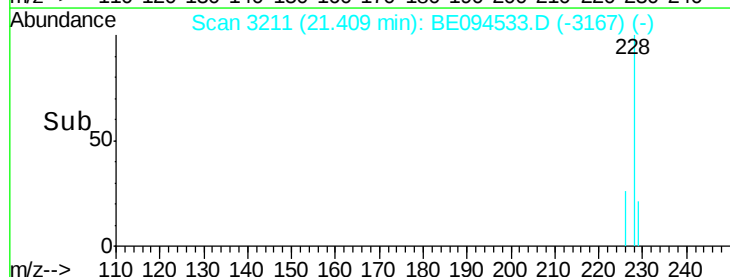
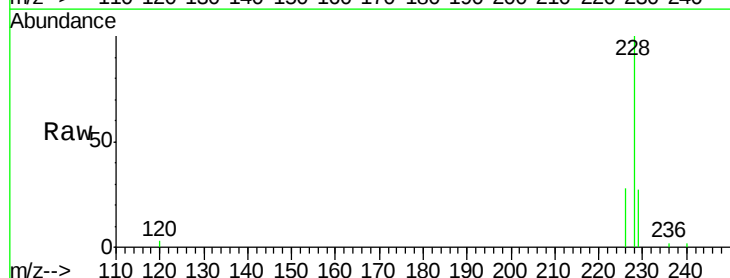
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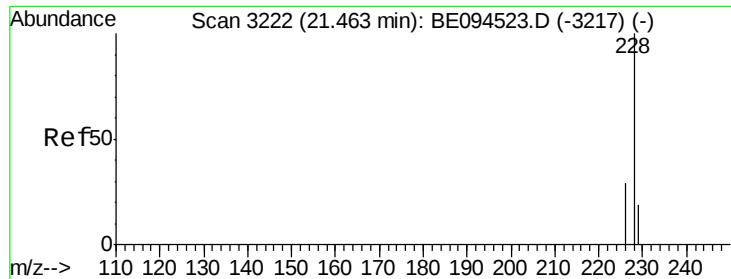
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#18
 Benzo(a)anthracene
 Concen: 9.624 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	27.3	22.8	34.2
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 10.241 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094533.D

Acq: 25 Oct 2017 14:58

Instrument :

BNA_E

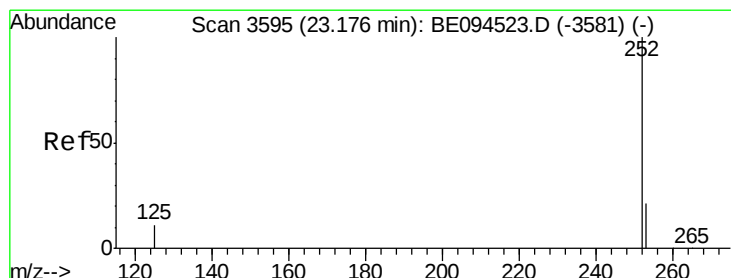
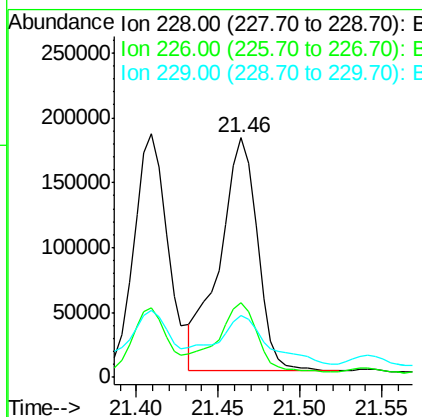
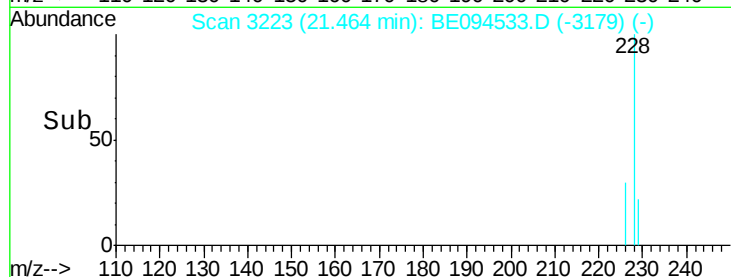
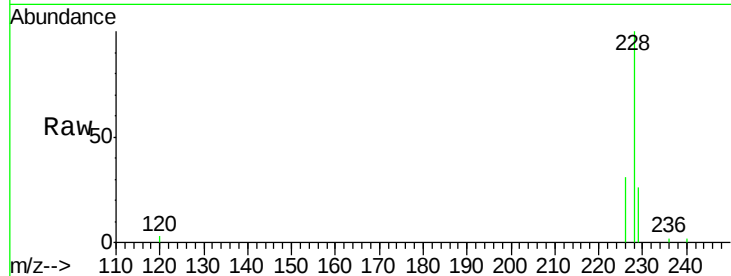
ClientSampleId :

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Tgt Ion:	228	Resp:	289744
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	25.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 16.805 ng/ul m

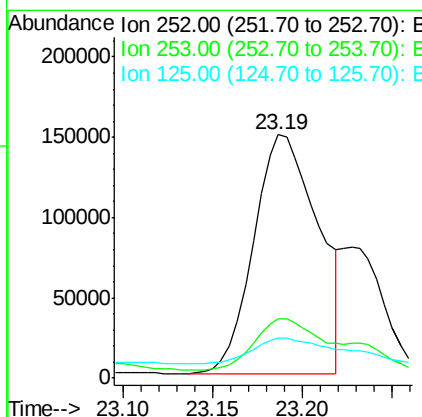
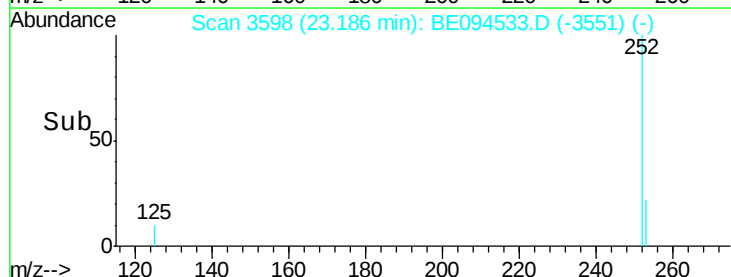
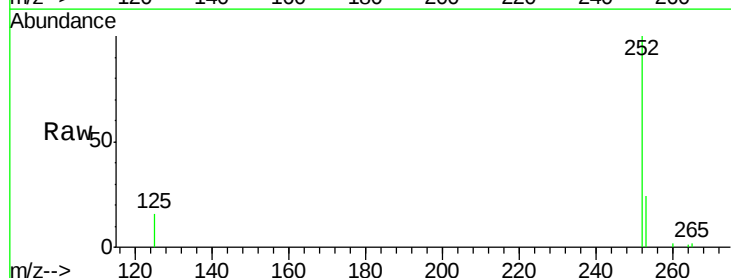
RT: 23.19 min Scan# 3598

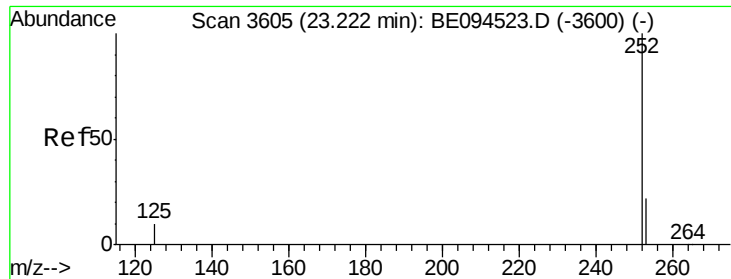
Delta R.T. 0.01 min

Lab File: BE094533.D

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Tgt Ion:	252	Resp:	371977
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	64.2
125	16.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.555 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. 0.01 min

Lab File: BE094533.D

Acq: 25 Oct 2017 14:58

Instrument :

BNA_E

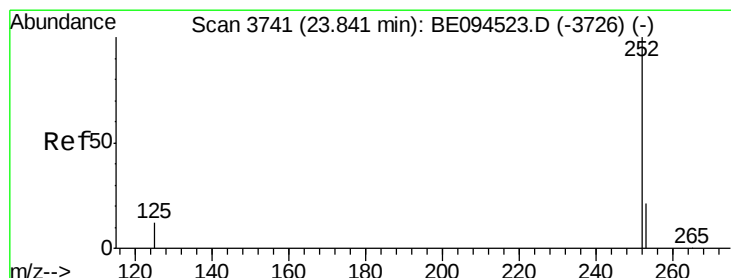
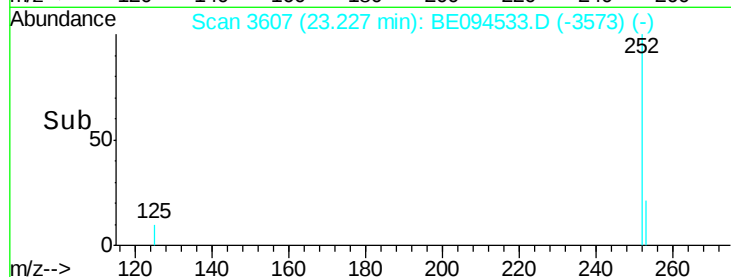
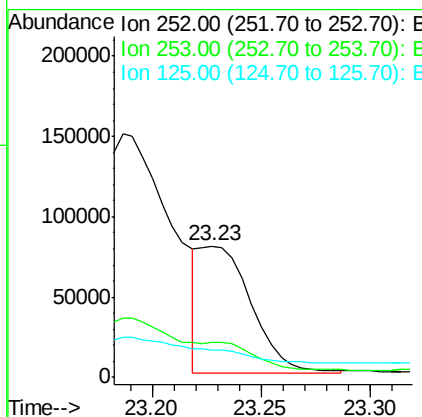
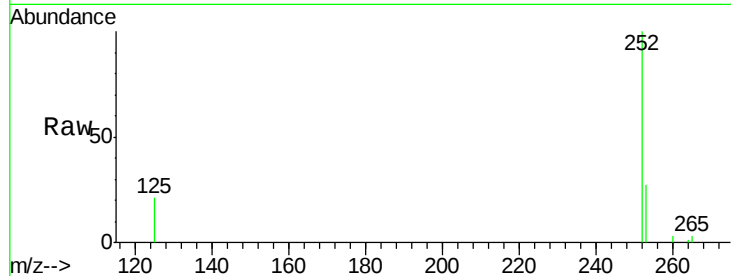
ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:	252	Resp:	131760
Ion Ratio	Lower	Upper	
252	100		
253	26.5	24.5	36.7
125	21.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 11.974 ng/ul

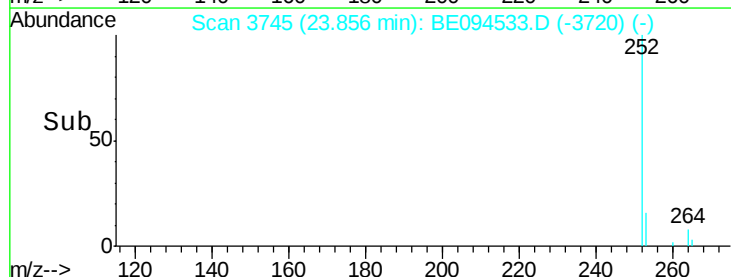
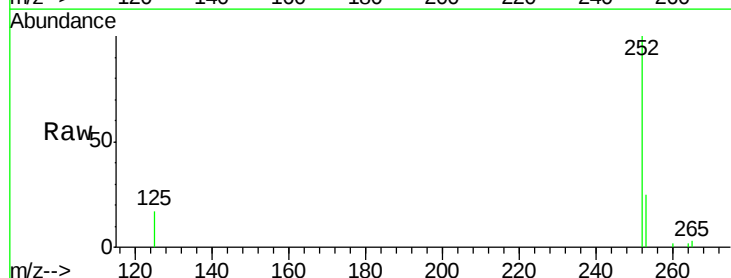
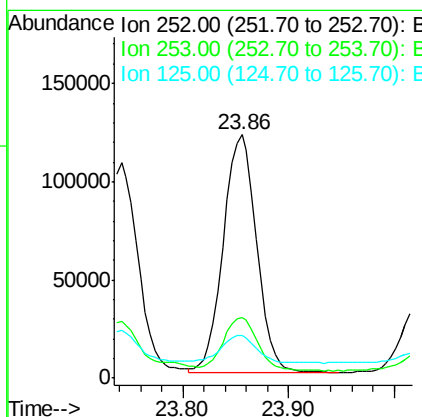
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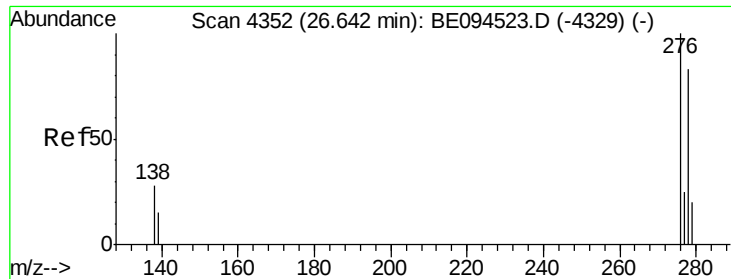
Delta R.T. 0.01 min

Lab File: BE094533.D

Acq: 25 Oct 2017 14:58

Tgt Ion:	252	Resp:	264948
Ion Ratio	Lower	Upper	
252	100		
253	25.0	28.5	42.7#
125	17.5	18.1	27.1#





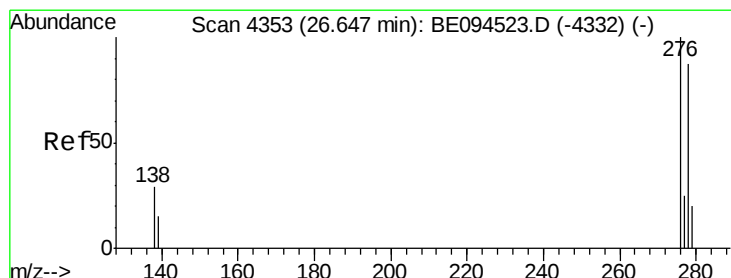
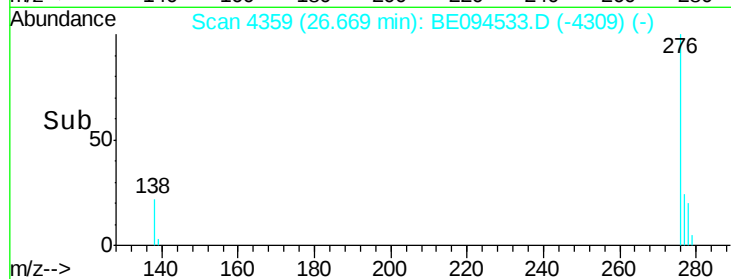
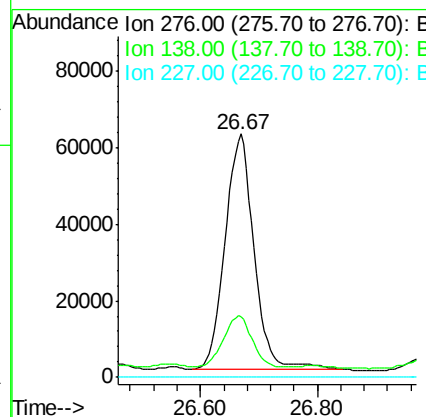
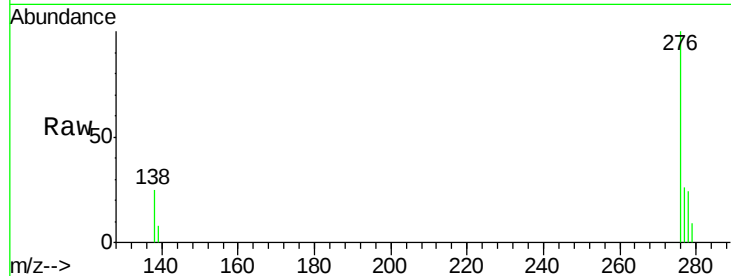
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.218 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. 0.03 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

Instrument :
 BNA_E
 ClientSampleId :
 B-30(3-3.8)-100417

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	28.0	42.0#
227	0.0	8.0	12.0#

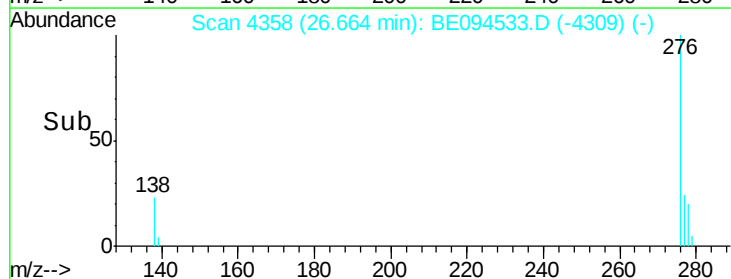
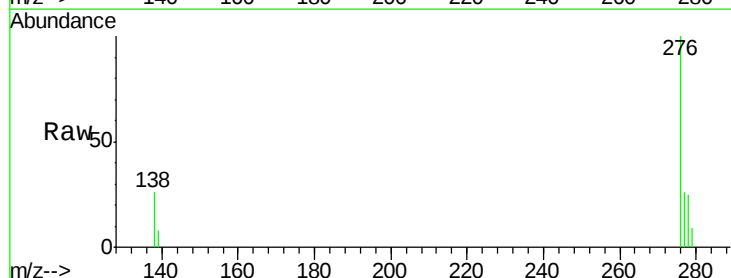
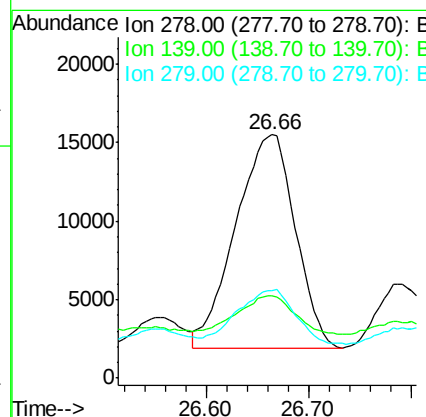
Manual Integrations
 APPROVED

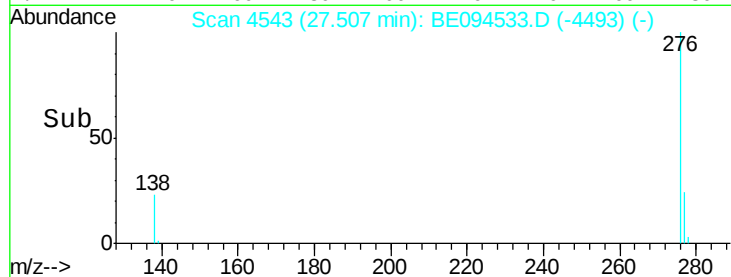
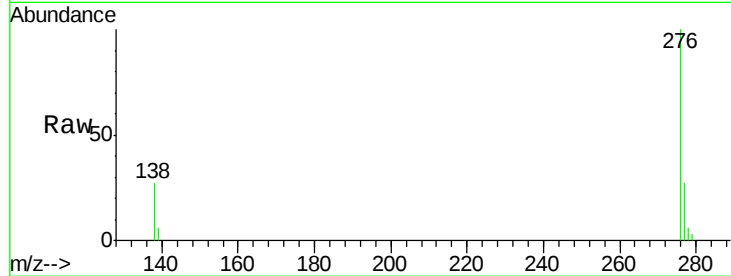
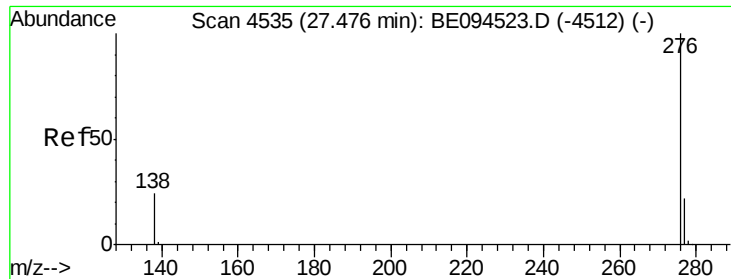
Sohil
 10/27/2017 8:28:40 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.855 ng/ul
 RT: 26.66 min Scan# 4358
 Delta R.T. 0.02 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.8	17.4	26.0#
279	36.1	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 9.880 ng/ul
 RT: 27.51 min Scan# 4543
 Delta R.T. 0.03 min
 Lab File: BE094533.D
 Acq: 25 Oct 2017 14:58

Instrument :
 BNA_E
 ClientSampleId :
 B-30(3-3.8)-100417

Tgt Ion:	276	Resp:	181641
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.8	32.8
277	26.7	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:28:40 AM

