

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094765.D
 Acq On : 6 Nov 2017 22:14
 Operator : SJ/JU
 Sample : I6096-06 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-52(1-3)-102317

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:42:00 PM

Quant Time: Nov 07 01:50:26 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 01:23:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1426	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8288	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10380	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	10127	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11280	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	523	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1204	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	10236	0.505	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	1891	0.133	ng/ul	97
7) Acenaphthylene	14.24	152	2295	0.108	ng/ul#	94
8) Acenaphthene	14.58	153	2339	0.153	ng/ul	98
9) Fluorene	15.57	166	2787	0.163	ng/ul	95
12) Phenanthrene	17.29	178	67174m	2.450	ng/ul	
13) Anthracene	17.39	178	16042	0.593	ng/ul	96
15) Fluoranthene	19.32	202	147942	4.667	ng/ul	82
17) Pyrene	19.68	202	138081	4.411	ng/ul#	78
18) Benzo(a)anthracene	21.41	228	90600	3.129	ng/ul#	89
19) Chrysene	21.47	228	86939	2.905	ng/ul	96
21) Benzo(b)fluoranthene	23.20	252	112429m	3.543	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	36697m	1.079	ng/ul	
23) Benzo(a)pyrene	23.86	252	77624	2.447	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.70	276	42708	1.301	ng/ul#	72
25) Dibenzo(a,h)anthracene	26.68	278	10471	0.379	ng/ul#	61
26) Benzo(g,h,i)perylene	27.54	276	33061	1.255	ng/ul#	89

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

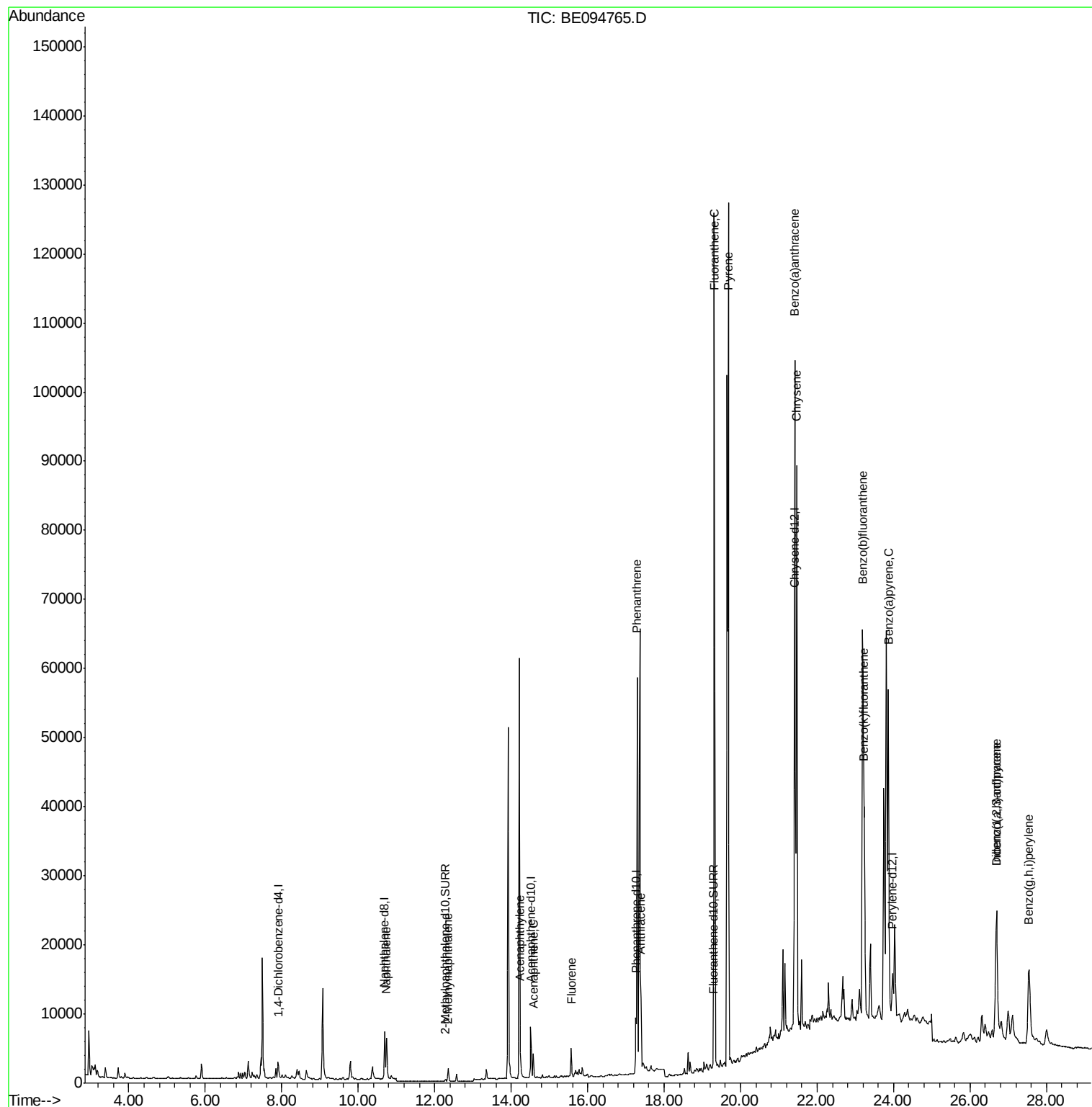
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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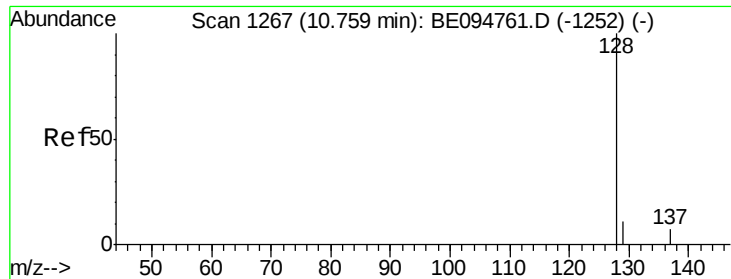
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#3

Naphthalene

Concen: 0.505 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Instrument :

BNA_E

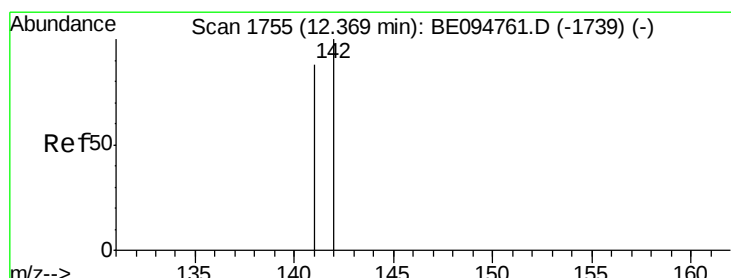
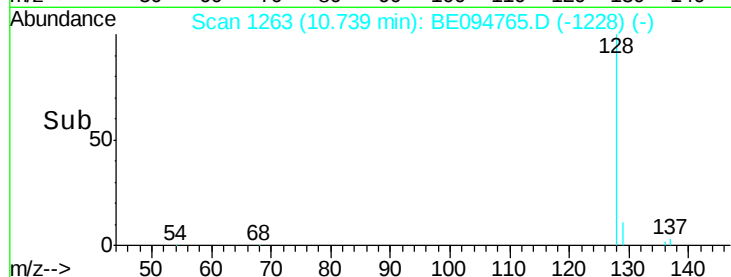
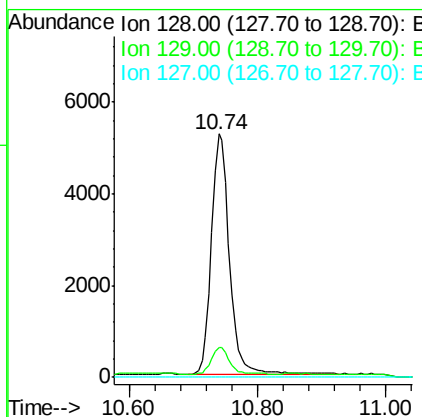
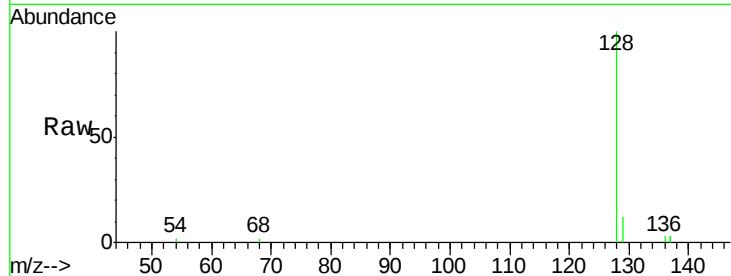
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	128	Resp:	10236
Ion Ratio	Lower	Upper	
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.133 ng/ul

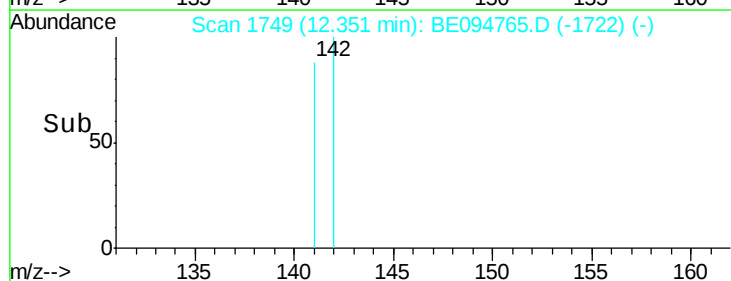
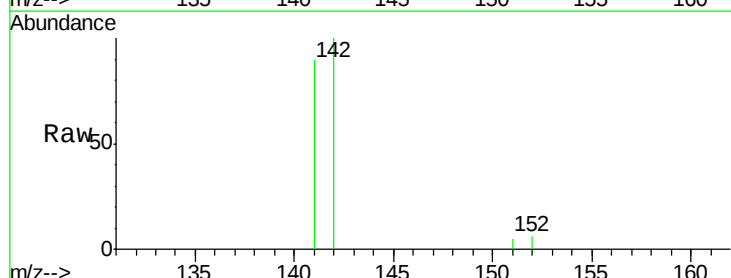
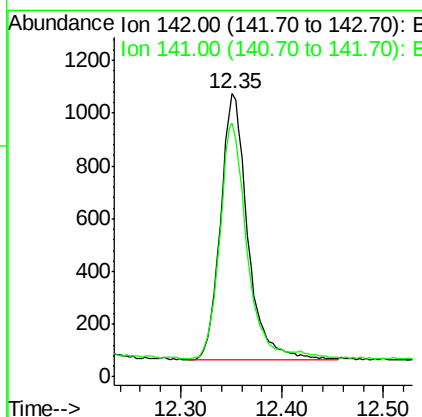
RT: 12.35 min Scan# 1749

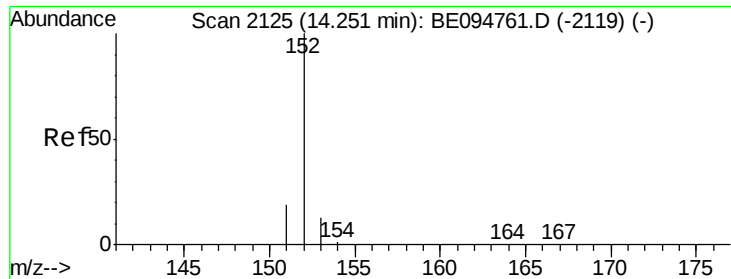
Delta R.T. -0.02 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Tgt Ion:	142	Resp:	1891
Ion Ratio	Lower	Upper	
142	100		
141	87.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Instrument :

BNA_E

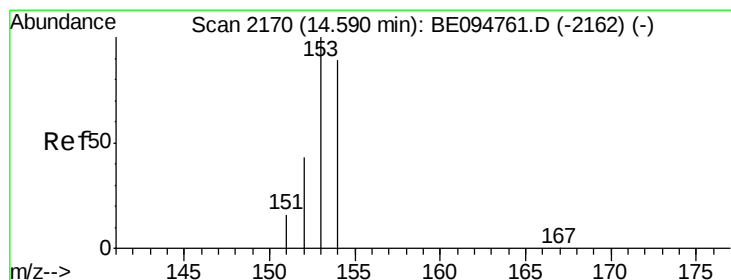
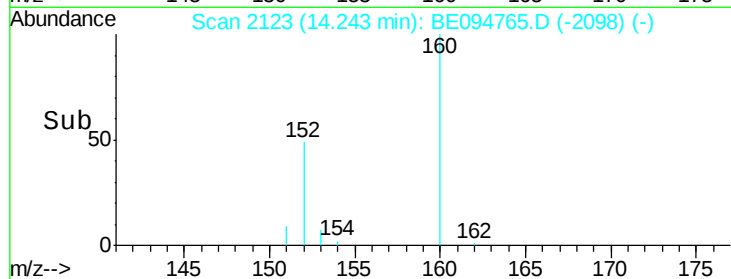
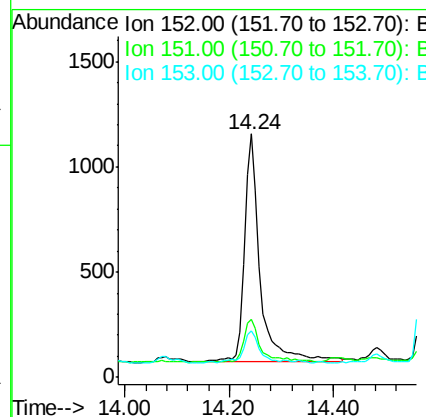
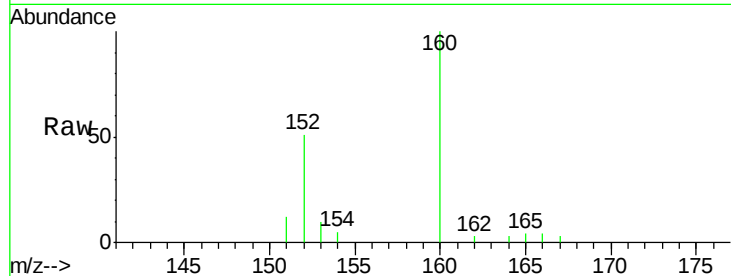
ClientSampleId :

B-52(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.9	17.1	25.7
153	19.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.153 ng/ul

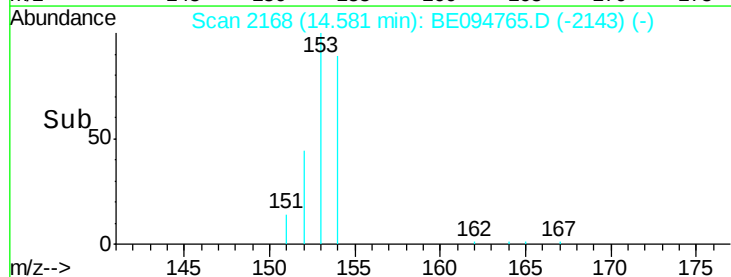
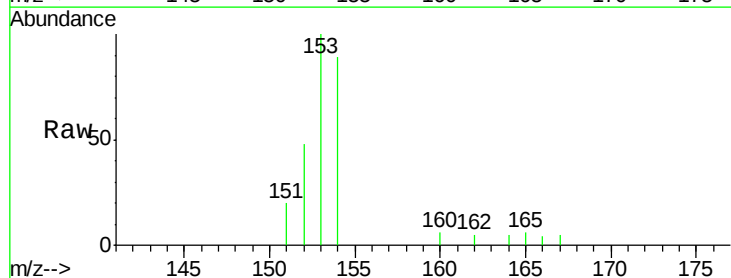
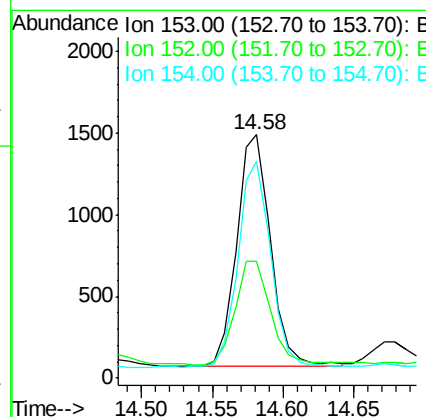
RT: 14.58 min Scan# 2168

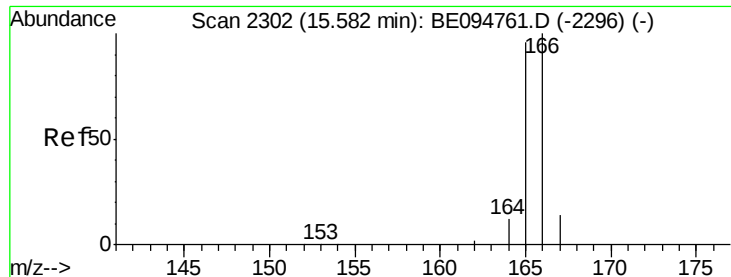
Delta R.T. -0.01 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	36.0	54.0
154	88.8	72.0	108.0





#9

Fluorene

Concen: 0.163 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Instrument :

BNA_E

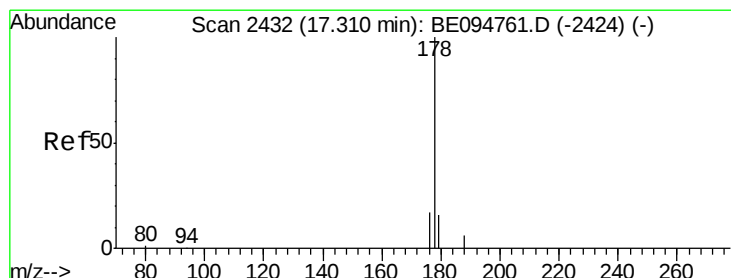
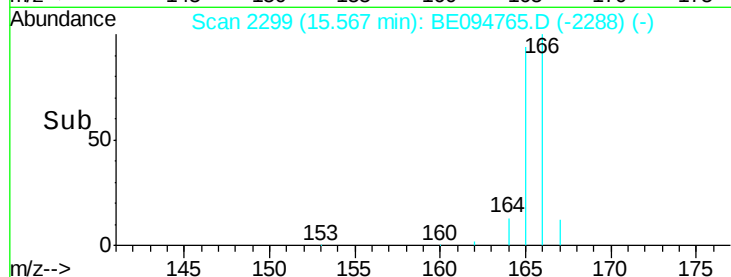
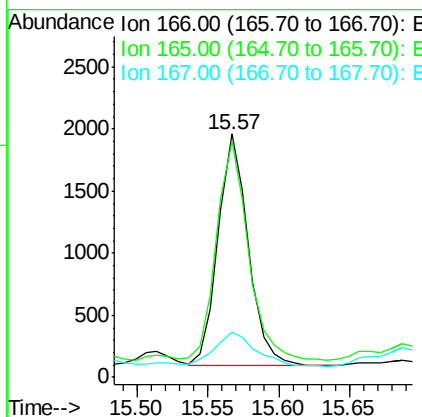
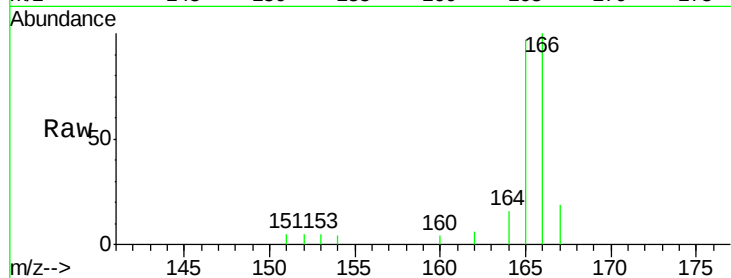
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	166	Resp:	2787
Ion Ratio		Lower	Upper
166	100		
165	97.0	73.4	110.2
167	18.6	14.6	22.0

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#12

Phenanthrene

Concen: 2.450 ng/ul m

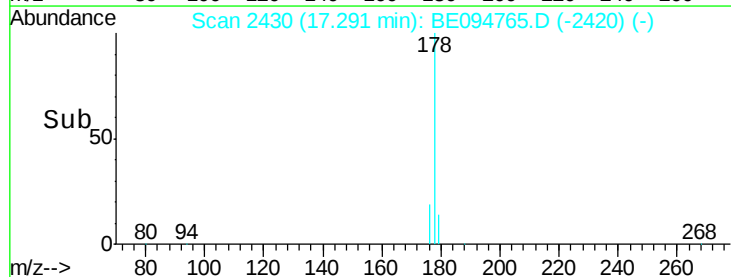
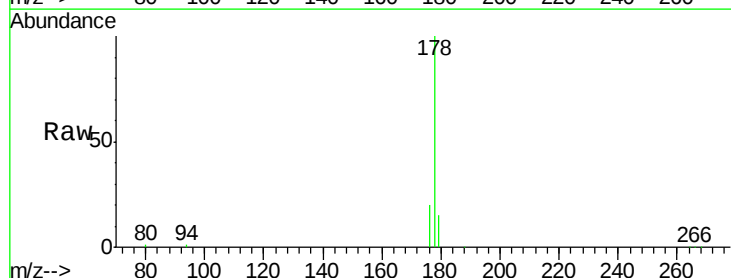
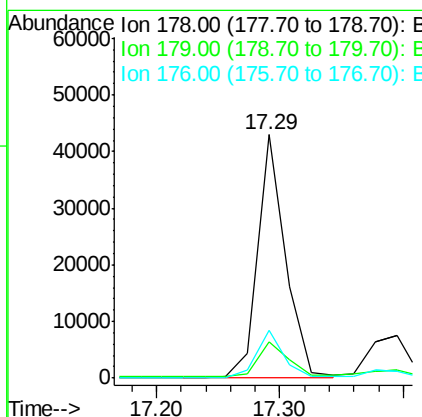
RT: 17.29 min Scan# 2430

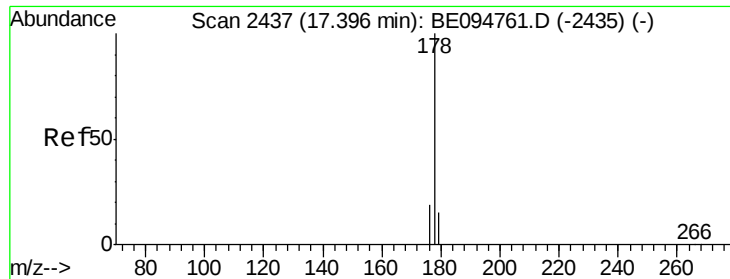
Delta R.T. -0.02 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Tgt Ion:	178	Resp:	67174
Ion Ratio		Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	19.6	13.6	20.4





#13

Anthracene

Concen: 0.593 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Instrument :

BNA_E

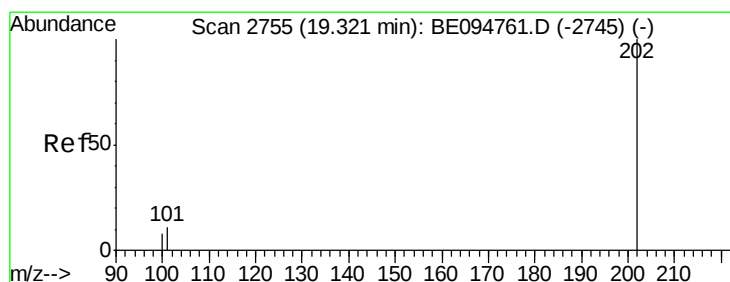
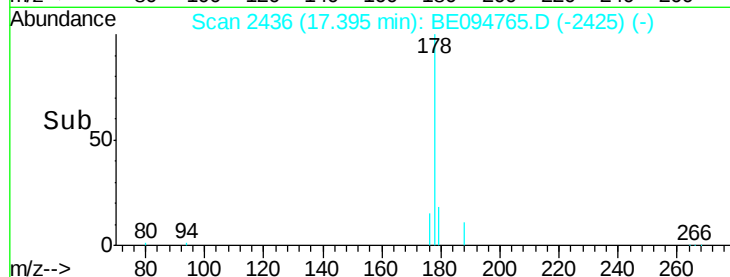
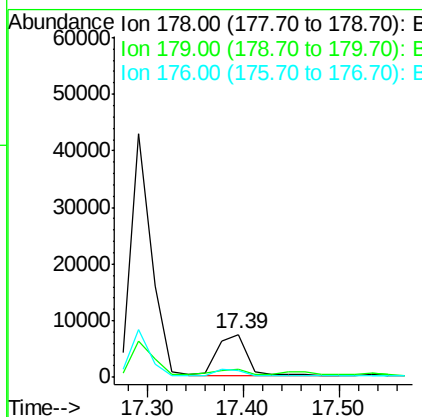
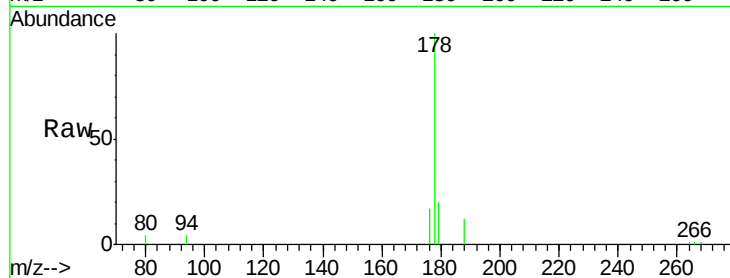
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	178	Resp:	16042
Ion Ratio	Lower	Upper	
178	100		
179	20.1	18.1	27.1
176	17.2	14.7	22.1

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#15

Fluoranthene

Concen: 4.667 ng/ul

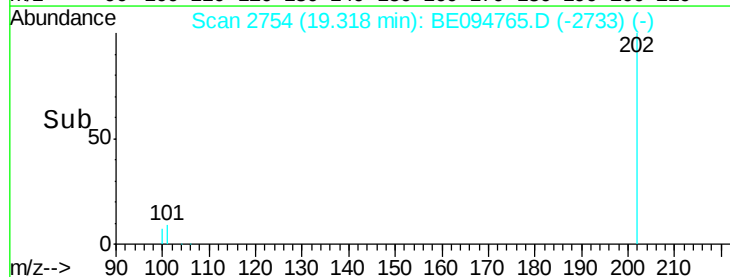
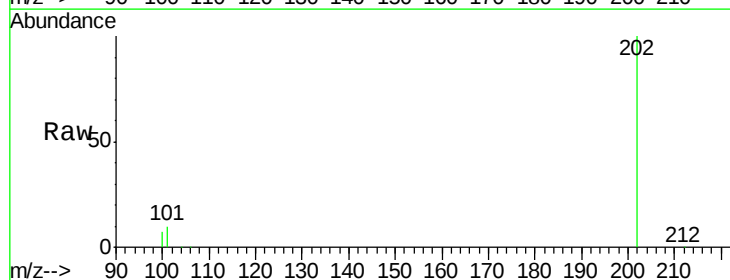
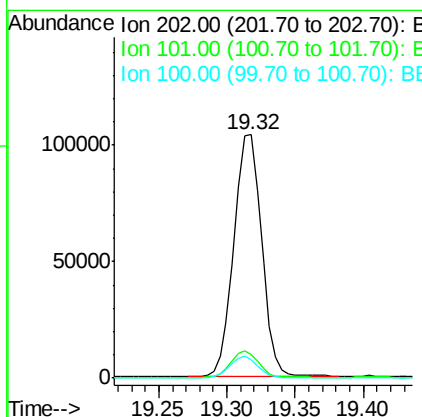
RT: 19.32 min Scan# 2754

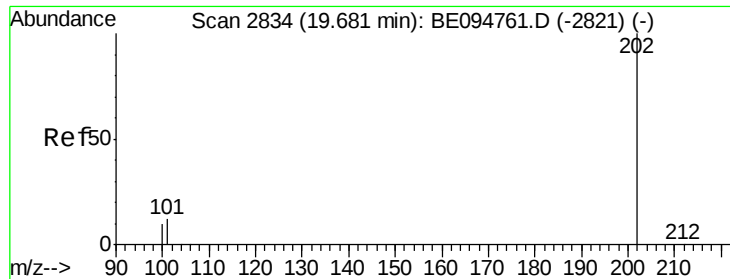
Delta R.T. -0.00 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Tgt Ion:	202	Resp:	147942
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.3
100	7.4	0.0	39.5





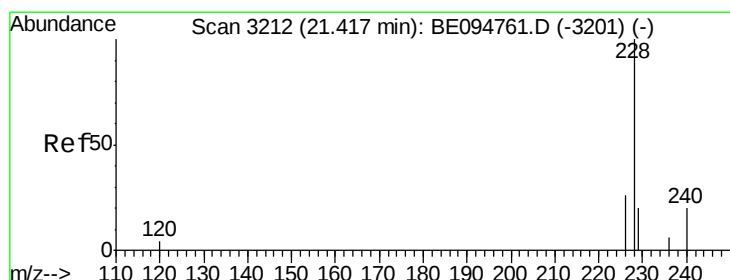
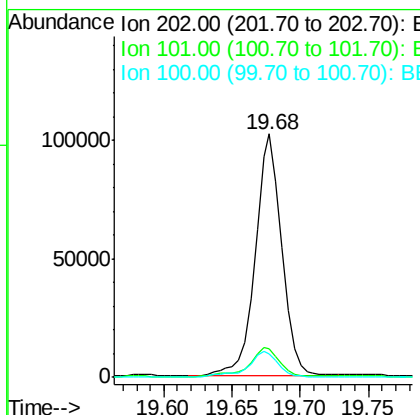
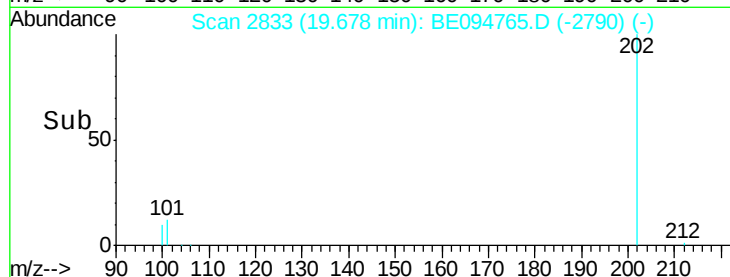
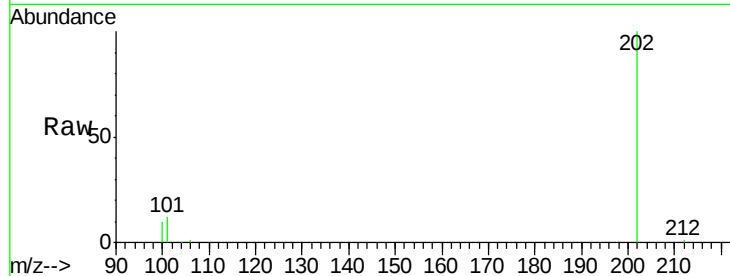
#17
Pyrene
 Concen: 4.411 ng/ul
 RT: 19.68 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094765.D
 Acq: 6 Nov 2017 22:14

Instrument :
 BNA_E
 ClientSampleId :
 B-52(1-3)-102317

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	18.2	27.4#
100	9.9	15.6	23.4#

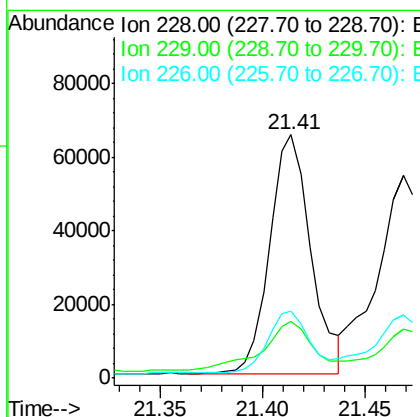
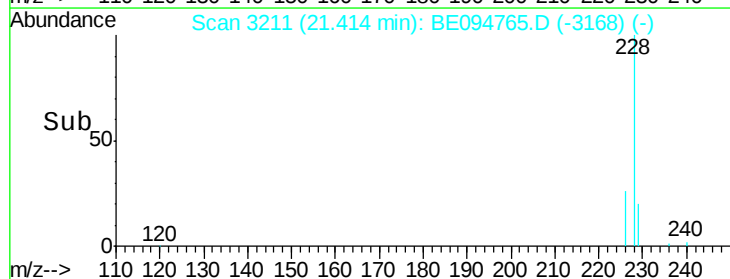
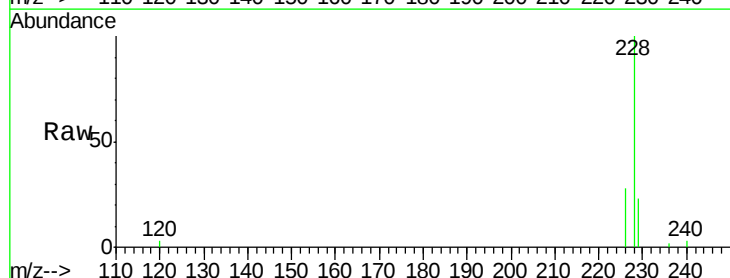
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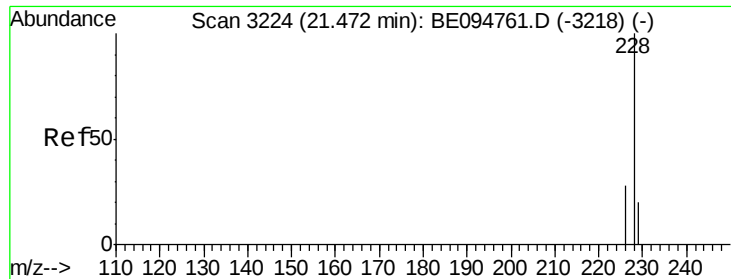
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#18
Benzo(a)anthracene
 Concen: 3.129 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: BE094765.D
 Acq: 6 Nov 2017 22:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.1	22.8	34.2
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 2.905 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Instrument :

BNA_E

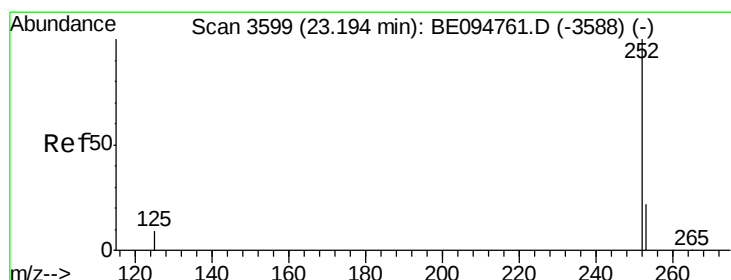
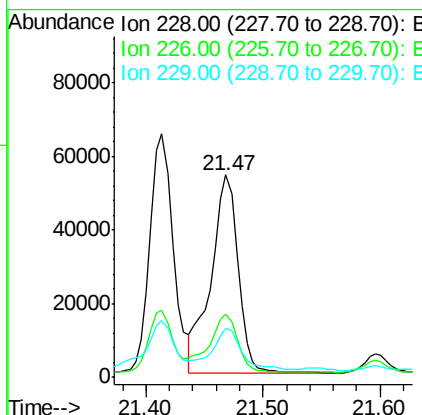
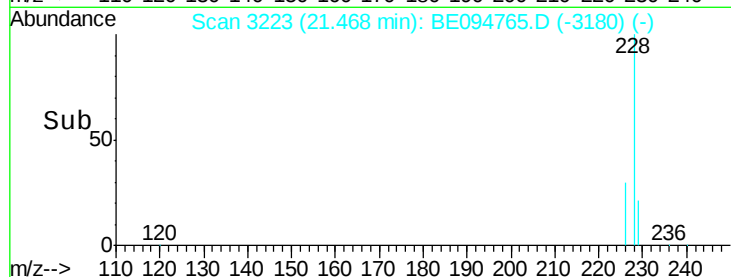
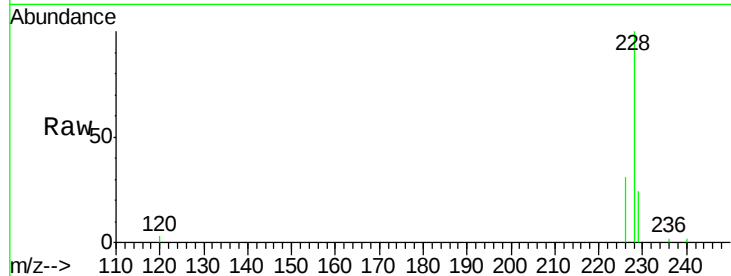
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	228	Resp:	86939
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	24.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.543 ng/ul m

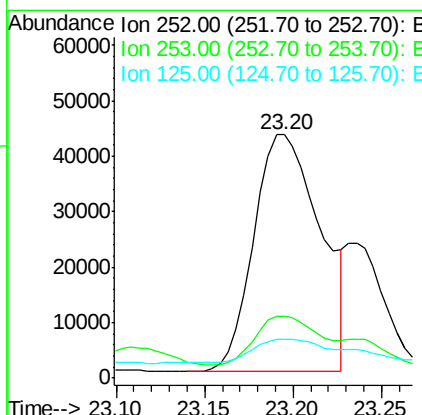
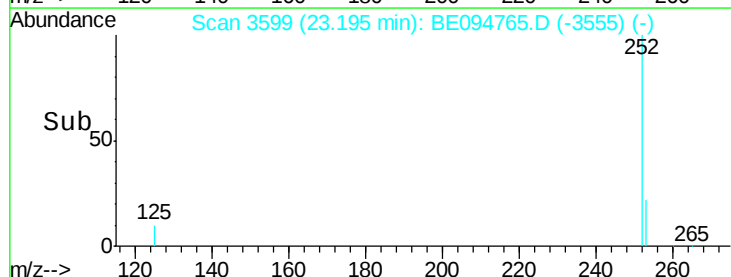
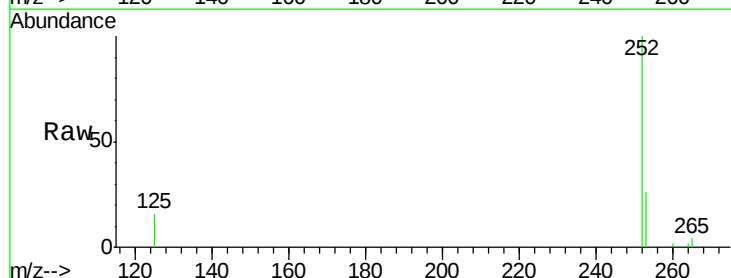
RT: 23.20 min Scan# 3599

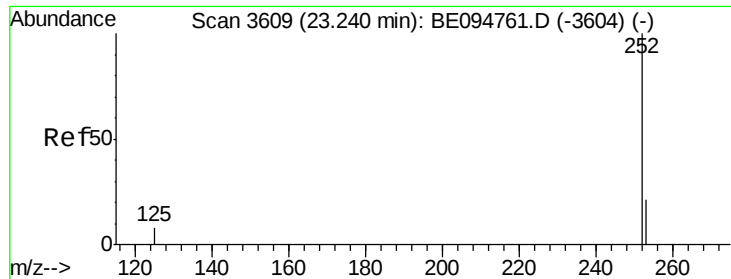
Delta R.T. 0.00 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Tgt Ion:	252	Resp:	112429
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	64.2
125	16.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.079 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Instrument :

BNA_E

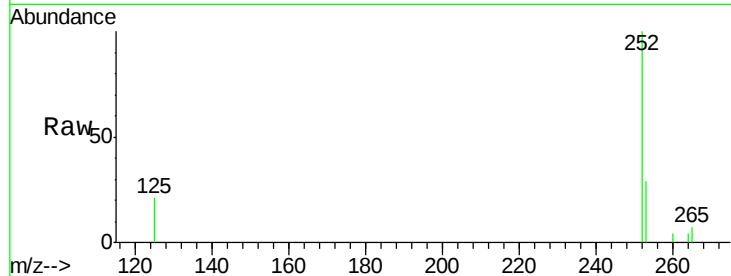
ClientSampleId :

B-52(1-3)-102317

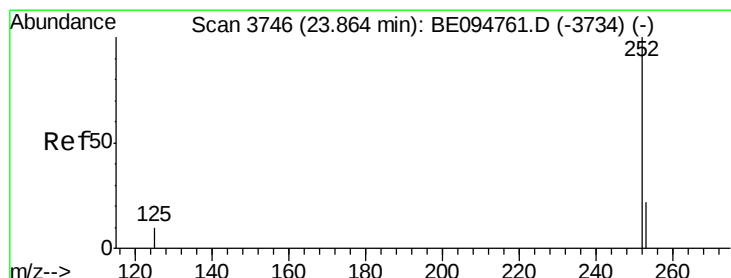
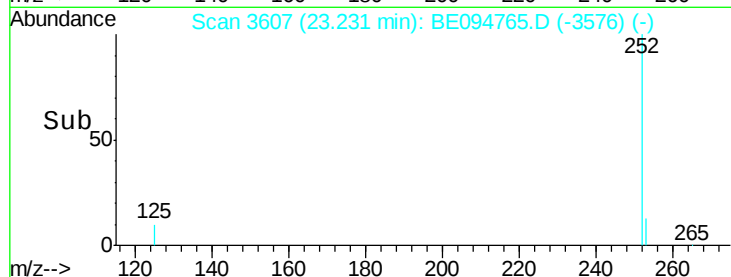
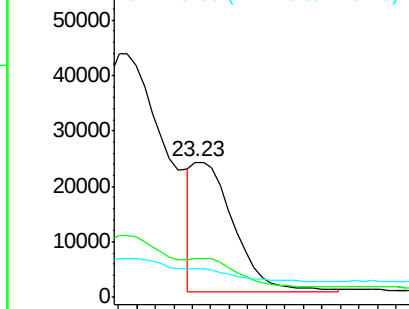
Tgt Ion:	252	Resp:	36697
Ion Ratio	Lower	Upper	
252	100		
253	28.7	24.5	36.7
125	21.3	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 2.447 ng/ul

RT: 23.86 min Scan# 3746

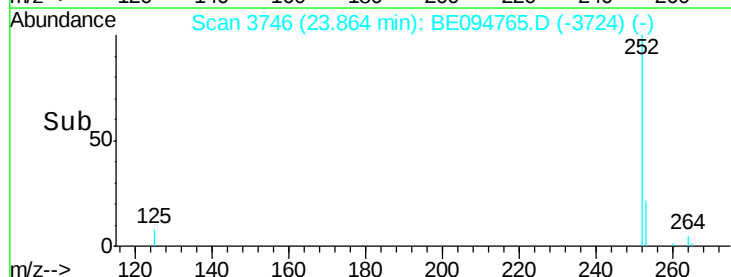
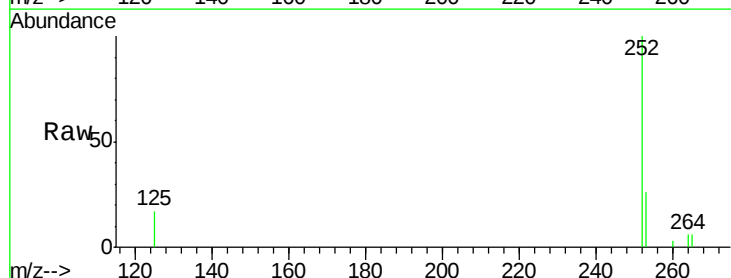
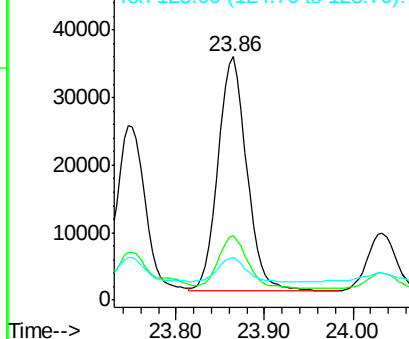
Delta R.T. 0.00 min

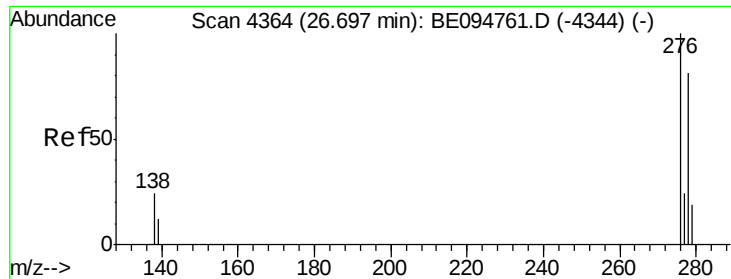
Lab File: BE094765.D

Acq: 6 Nov 2017 22:14

Tgt Ion:	252	Resp:	77624
Ion Ratio	Lower	Upper	
252	100		
253	26.4	28.5	42.7#
125	17.3	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





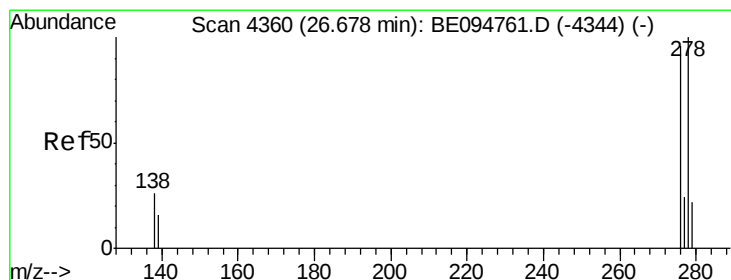
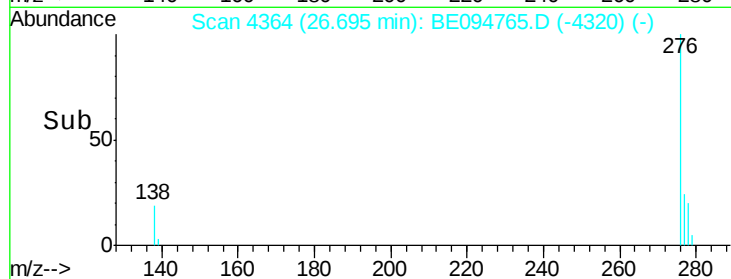
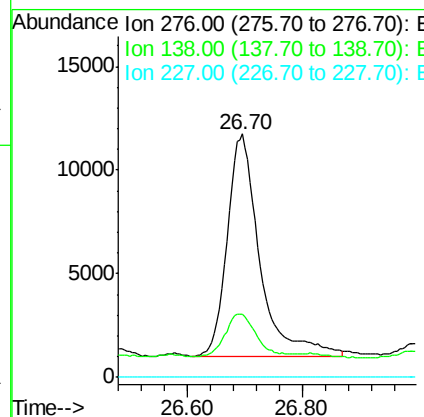
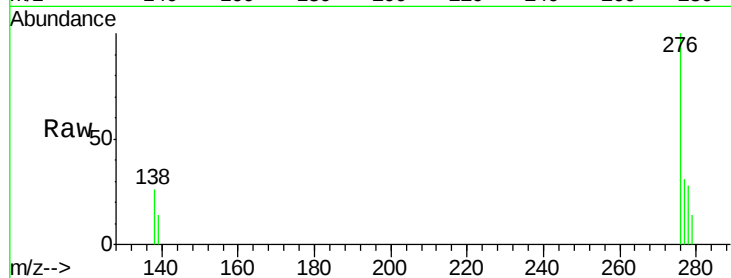
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.301 ng/ul
 RT: 26.70 min Scan# 4364
 Delta R.T. -0.00 min
 Lab File: BE094765.D
 Acq: 6 Nov 2017 22:14

Instrument :
 BNA_E
 ClientSampleId :
 B-52(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	28.0	42.0#
227	0.0	8.0	12.0#

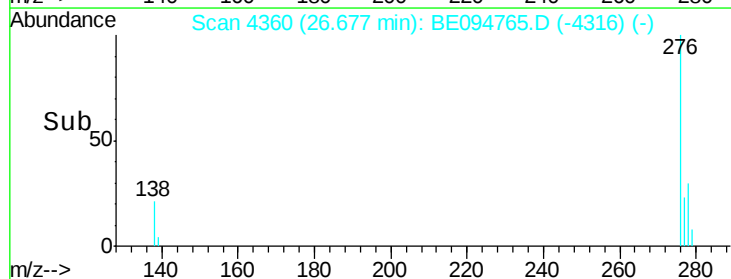
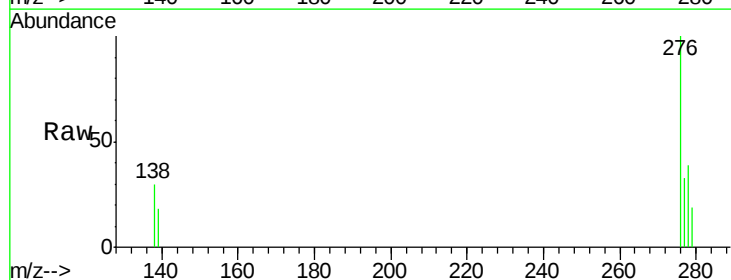
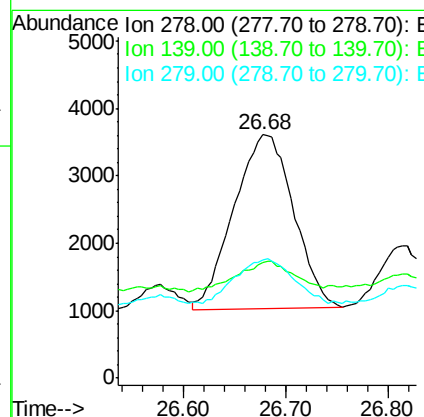
Manual Integrations
 APPROVED

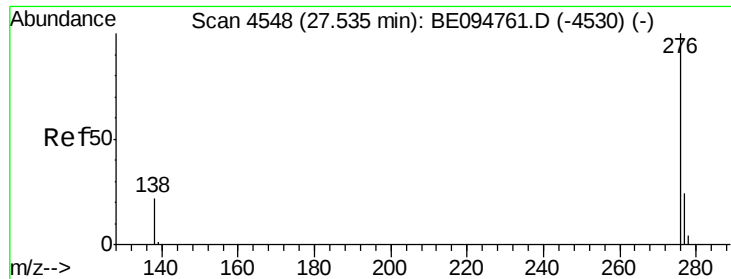
Sohil
 11/7/2017 5:42:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.379 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. -0.00 min
 Lab File: BE094765.D
 Acq: 6 Nov 2017 22:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.4	17.4	26.0#
279	48.8	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 1.255 ng/ul
 RT: 27.54 min Scan# 4550
 Delta R.T. 0.01 min
 Lab File: BE094765.D
 Acq: 6 Nov 2017 22:14

Instrument :
 BNA_E
 ClientSampleId :
 B-52(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	34.4	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:42:00 PM

