

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094531.D
 Acq On : 25 Oct 2017 13:47
 Operator : SJ/JU
 Sample : I5693-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-33(0.5-1.5)-100417

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:28:37 AM

Quant Time: Oct 25 18:42:04 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 18:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1412	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7927	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4623	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	10121	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	11315	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	8689m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2291	0.18	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	5194	0.17	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.73	128	32926	1.699	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	9071	0.669	ng/ul	99
7) Acenaphthylene	14.24	152	12249	0.586	ng/ul	98
8) Acenaphthene	14.57	153	34097	2.269	ng/ul#	2
9) Fluorene	15.56	166	33668	1.995	ng/ul	95
12) Phenanthrene	17.27	178	394490	14.757	ng/ul#	84
13) Anthracene	17.38	178	102852	3.899	ng/ul#	92
15) Fluoranthene	19.30	202	589332	19.068	ng/ul	83
17) Pyrene	19.66	202	506468	14.479	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	291872	9.023	ng/ul#	88
19) Chrysene	21.45	228	277443	8.298	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	355839m	14.559	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	124245m	4.744	ng/ul	
23) Benzo(a)pyrene	23.83	252	251825m	10.307	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.62	276	172185m	6.811	ng/ul	
25) Dibenzo(a,h)anthracene	26.62	278	52560m	2.467	ng/ul	
26) Benzo(g,h,i)perylene	27.46	276	141702m	6.980	ng/ul	

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

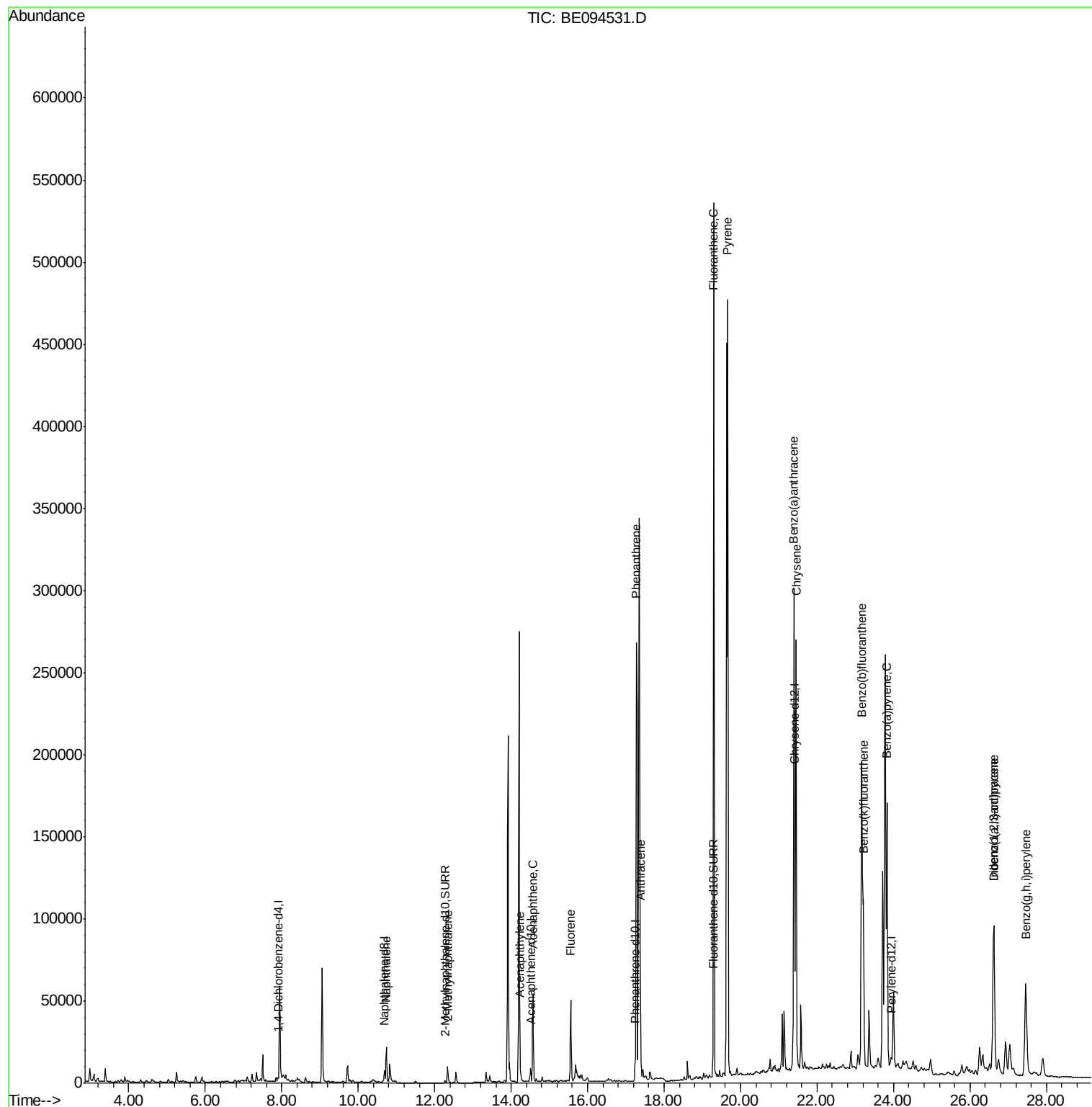
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094531.D
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ALS Vial : 8 Sample Multiplier: 1

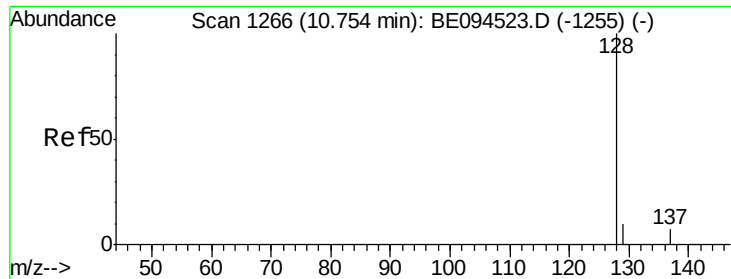
Instrument :
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B-33(0.5-1.5)-100417

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#3

Naphthalene

Concen: 1.699 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

ClientSampleId :

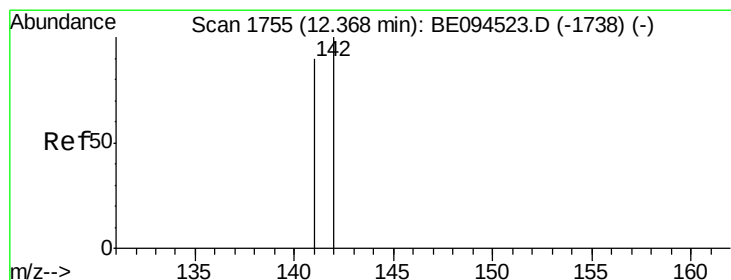
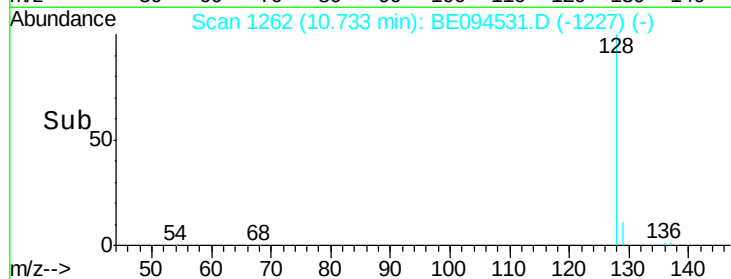
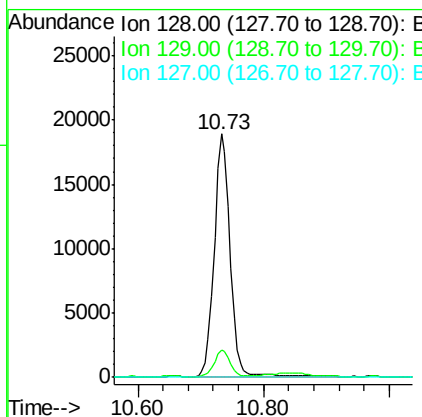
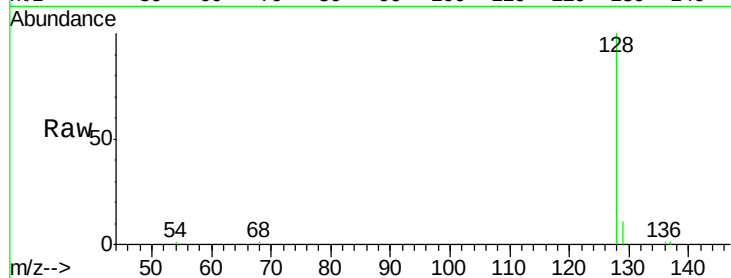
B-33(0.5-1.5)-100417

Tgt Ion:128 Resp: 32926

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.669 ng/ul

RT: 12.34 min Scan# 1747

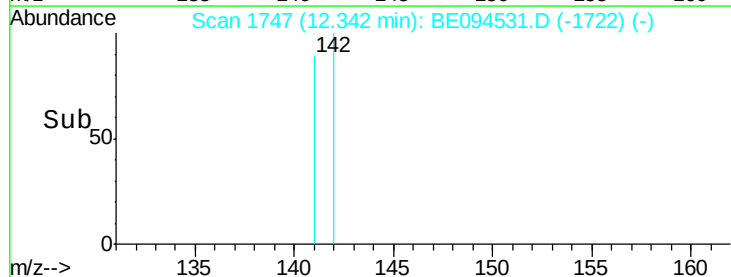
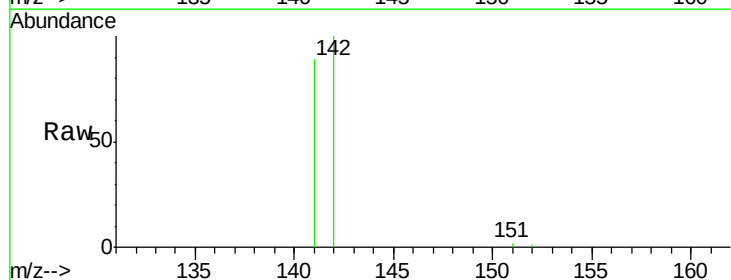
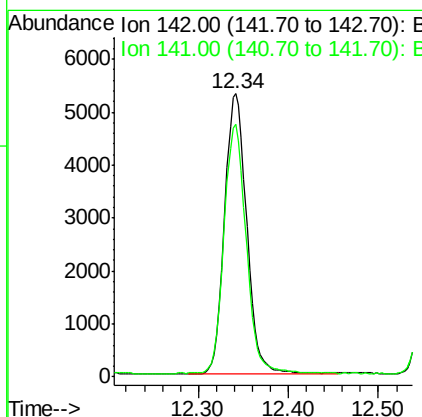
Delta R.T. -0.02 min

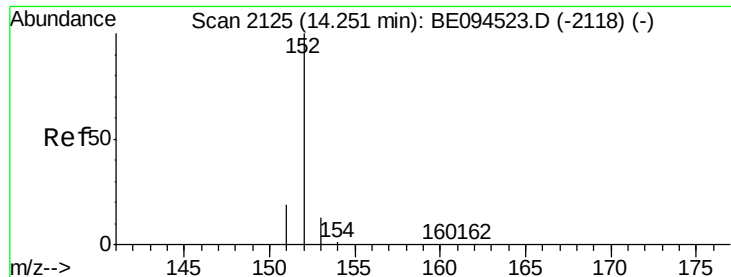
Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Tgt Ion:142 Resp: 9071

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.586 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

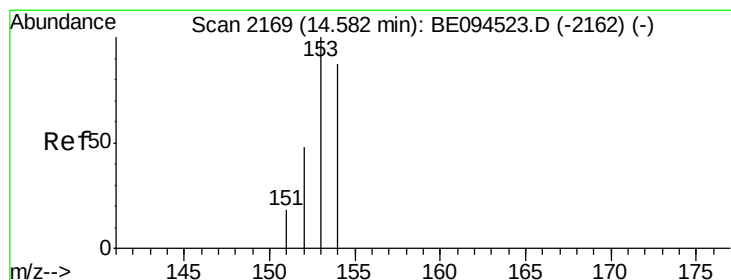
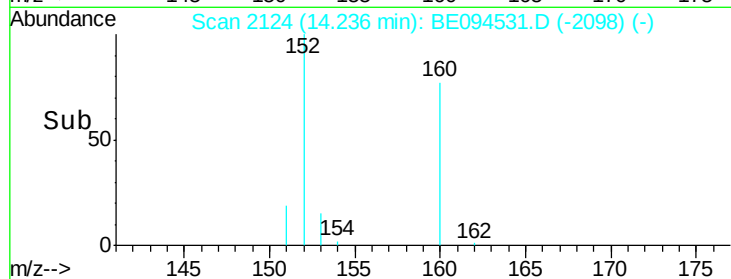
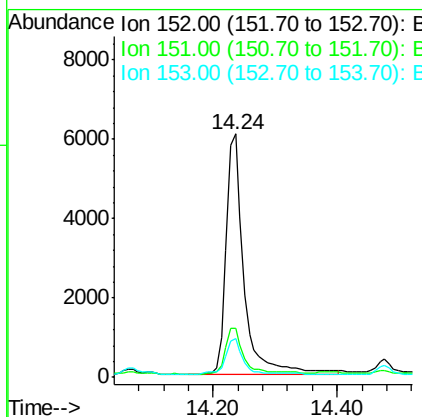
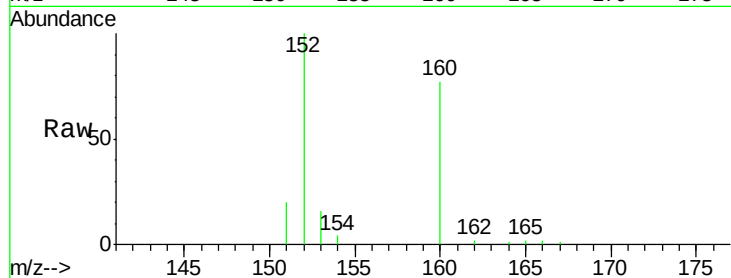
ClientSampleId :

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Tgt Ion:	152	Resp:	12249
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	15.7	12.8	19.2

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#8

Acenaphthene

Concen: 2.269 ng/ul

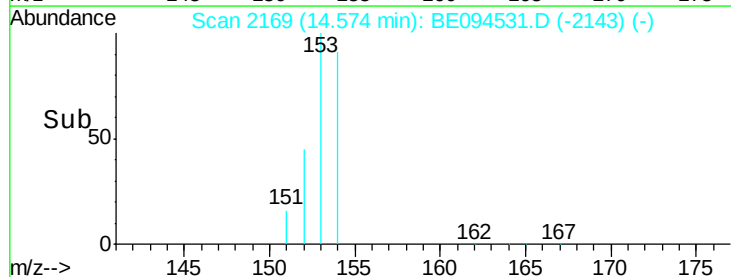
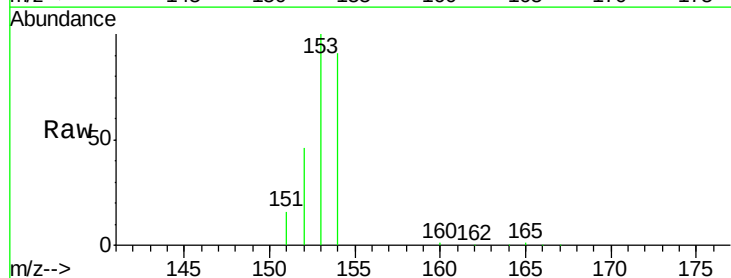
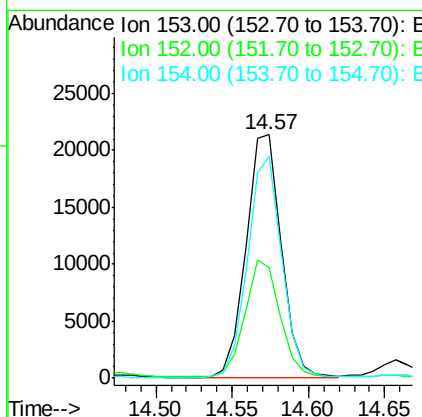
RT: 14.57 min Scan# 2169

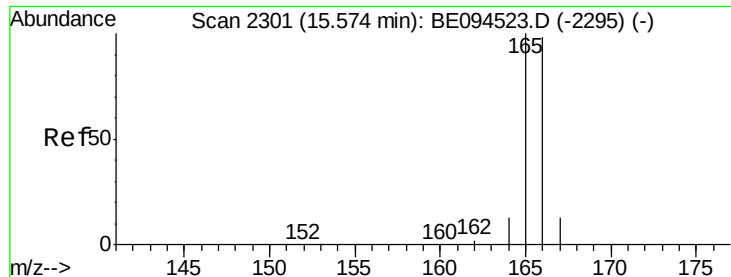
Delta R.T. -0.01 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Tgt Ion:	153	Resp:	34097
Ion Ratio	Lower	Upper	
153	100		
152	45.6	16.0	24.0#
154	91.2	20.0	30.0#





#9

Fluorene

Concen: 1.995 ng/ul

RT: 15.56 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

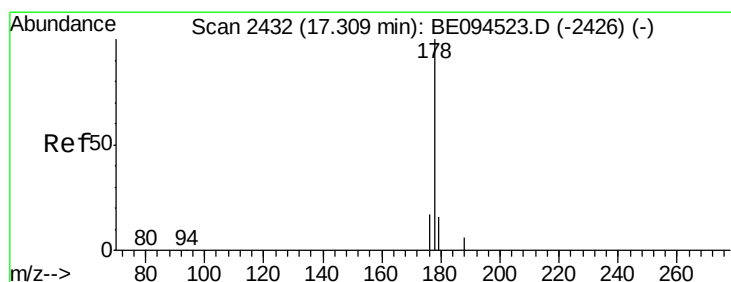
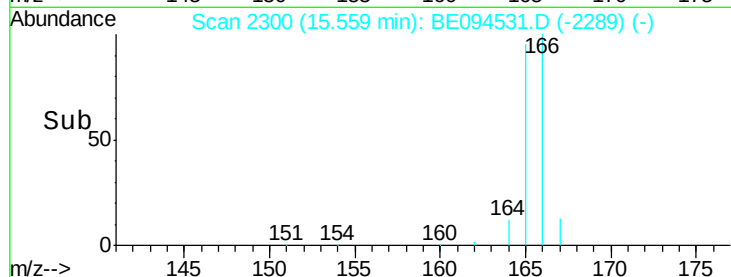
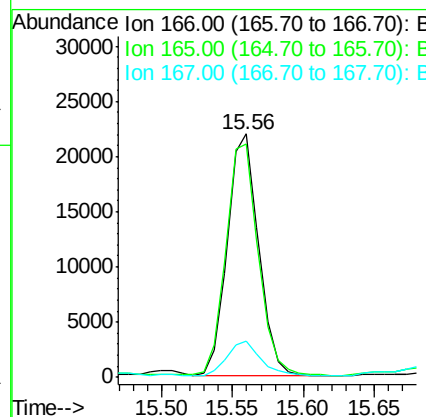
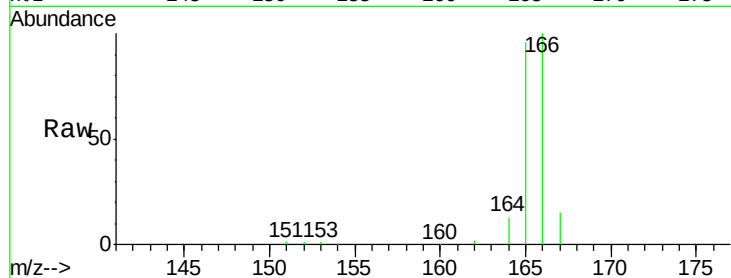
ClientSampleId :

B-33(0.5-1.5)-100417

Tgt Ion:	166	Resp:	33668
Ion Ratio	Lower	Upper	
166	100		
165	96.0	73.4	110.2
167	14.8	14.6	22.0

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#12

Phenanthrene

Concen: 14.757 ng/ul

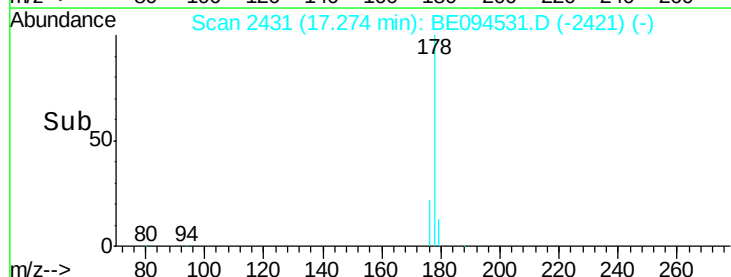
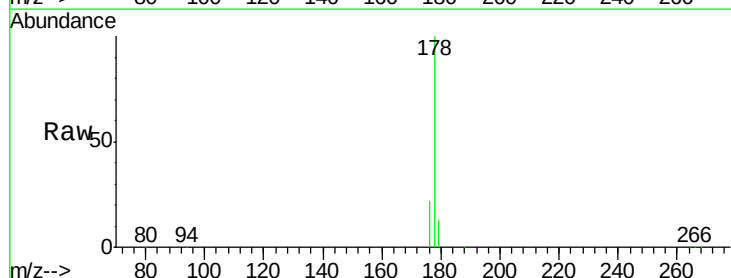
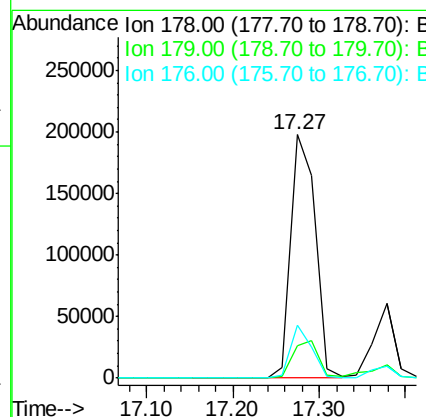
RT: 17.27 min Scan# 2431

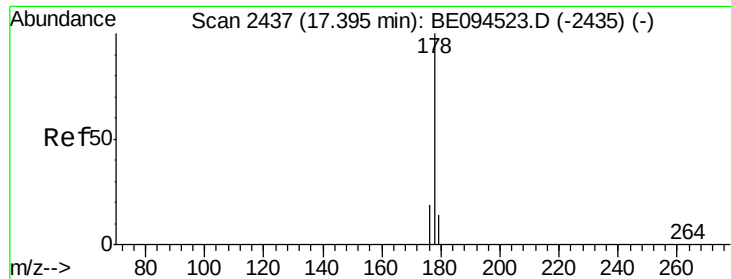
Delta R.T. -0.03 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Tgt Ion:	178	Resp:	394490
Ion Ratio	Lower	Upper	
178	100		
179	13.5	18.4	27.6#
176	21.6	13.6	20.4#





#13

Anthracene

Concen: 3.899 ng/ul

RT: 17.38 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

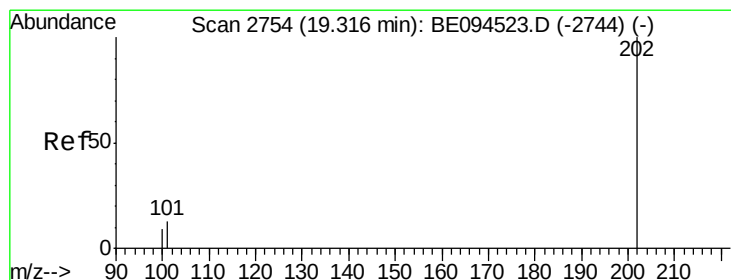
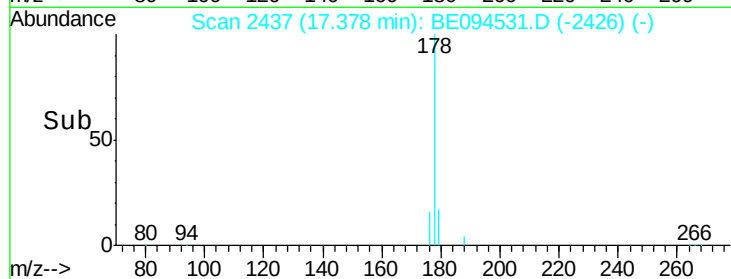
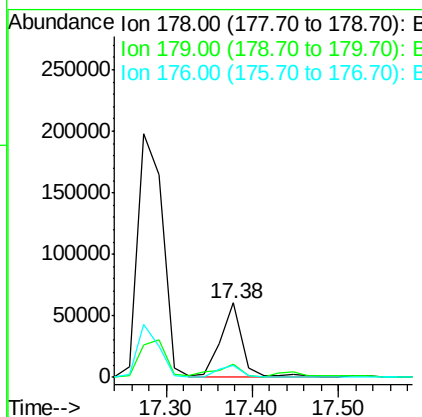
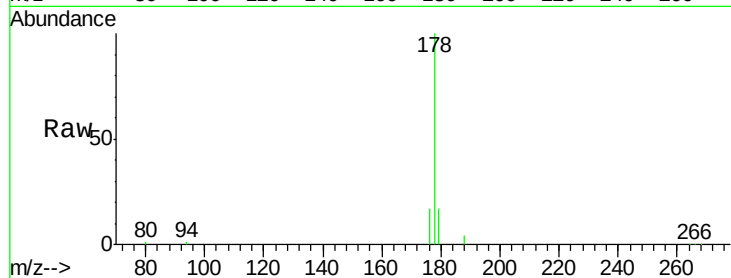
ClientSampleId :

B-33(0.5-1.5)-100417

Tgt Ion:	178	Resp:	102852
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.1	27.1#
176	16.6	14.7	22.1

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#15

Fluoranthene

Concen: 19.068 ng/ul

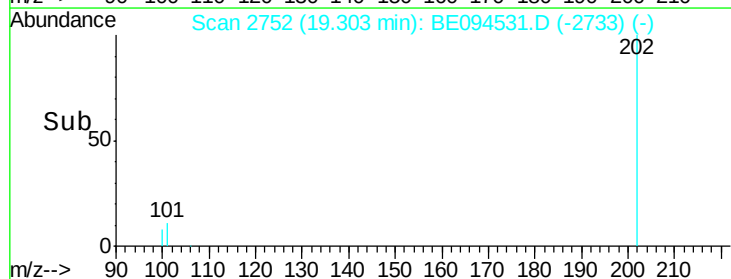
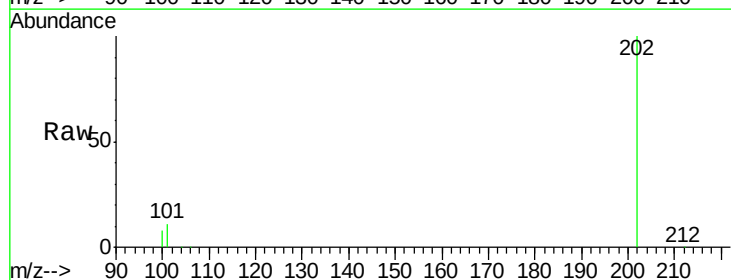
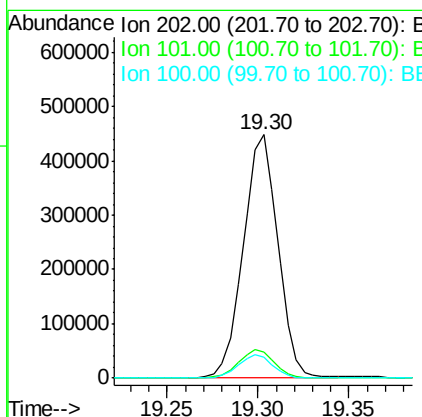
RT: 19.30 min Scan# 2752

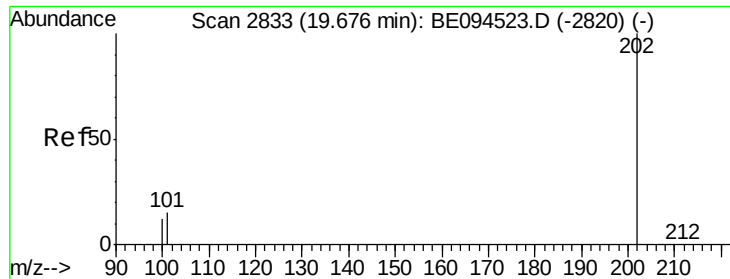
Delta R.T. -0.01 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Tgt Ion:	202	Resp:	589332
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.3
100	8.3	0.0	39.5





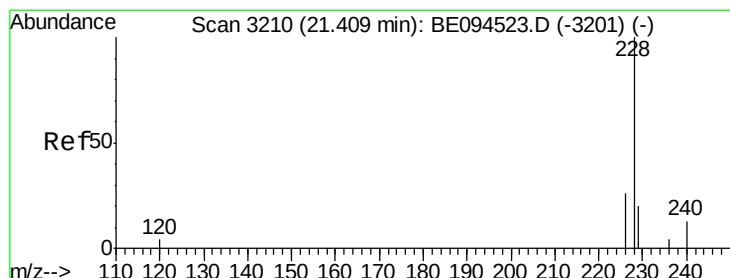
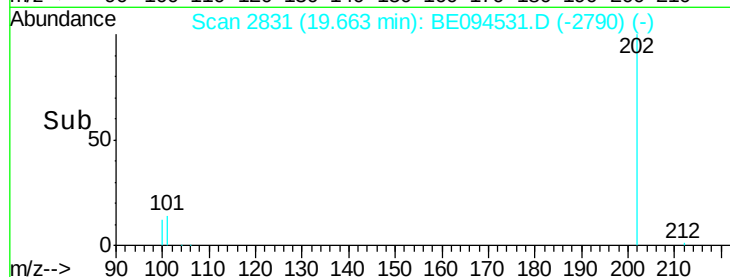
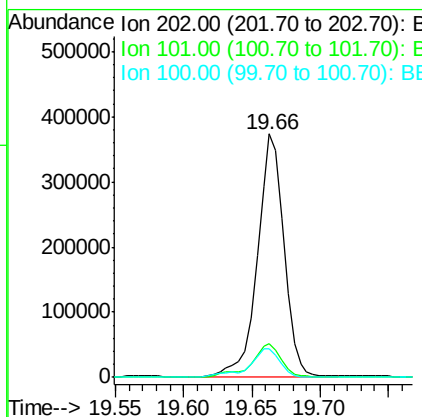
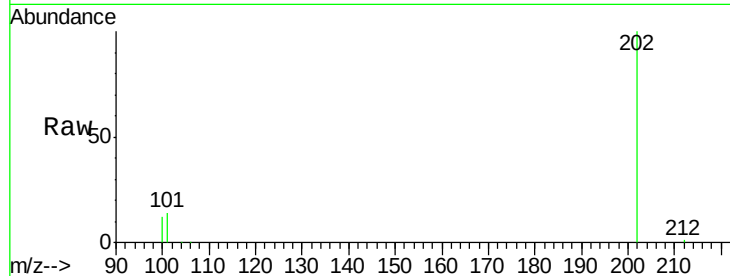
#17
Pyrene
 Concen: 14.479 ng/ul
 RT: 19.66 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094531.D
 Acq: 25 Oct 2017 13:47

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	11.9	15.6	23.4#

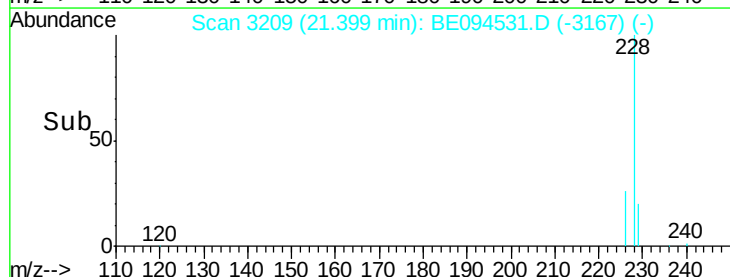
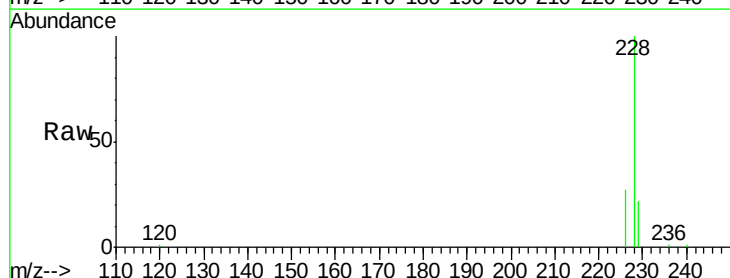
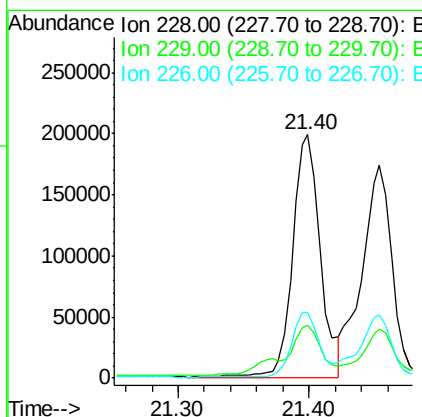
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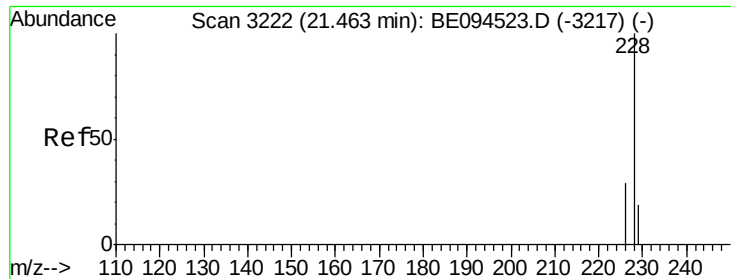
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#18
Benzo(a)anthracene
 Concen: 9.023 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094531.D
 Acq: 25 Oct 2017 13:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.7	22.8	34.2#
226	26.8	17.0	25.6#





#19

Chrysene

Concen: 8.298 ng/ul

RT: 21.45 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

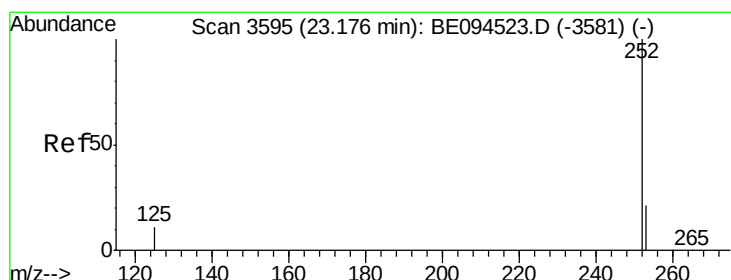
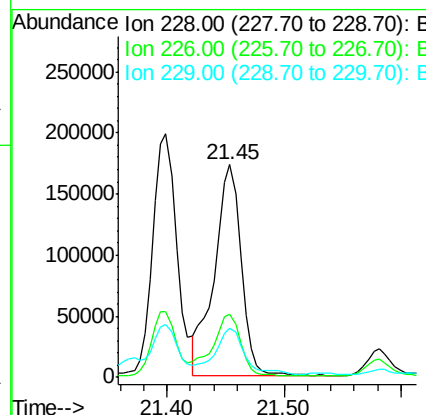
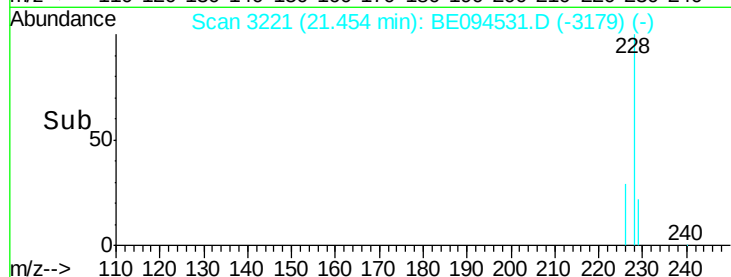
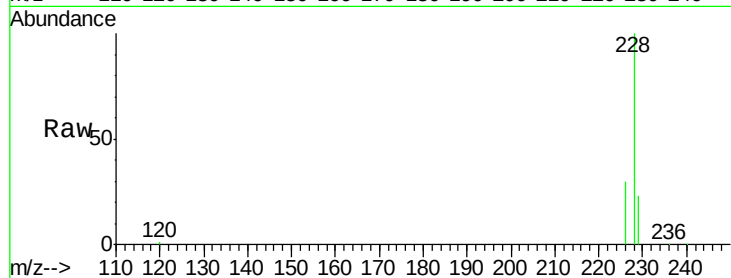
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Tgt Ion:	228	Resp:	277443
Ion Ratio		Lower	Upper
228	100		
226	29.7	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.559 ng/ul m

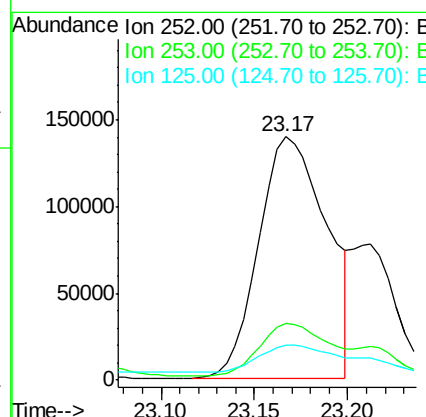
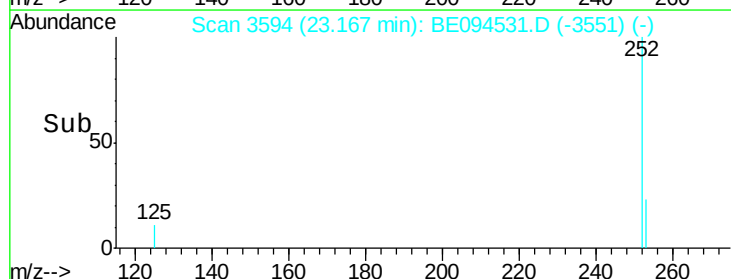
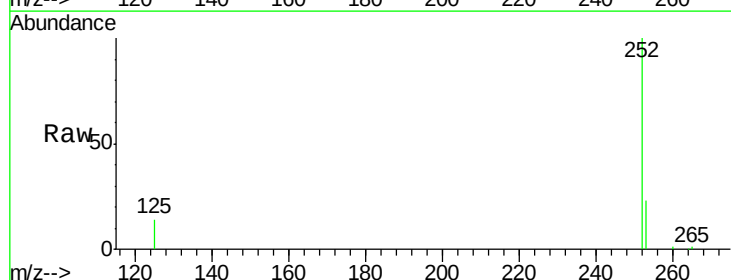
RT: 23.17 min Scan# 3594

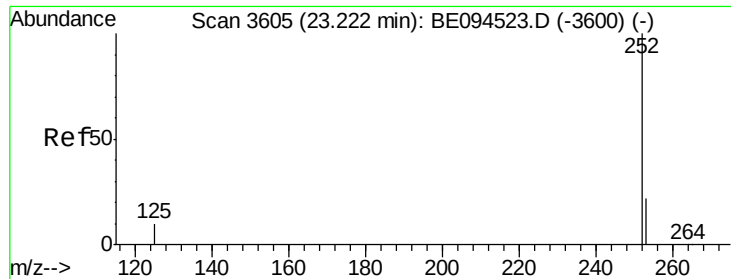
Delta R.T. -0.01 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Tgt Ion:	252	Resp:	355839
Ion Ratio		Lower	Upper
252	100		
253	23.4	0.0	64.2
125	14.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.744 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.01 min

Lab File: BE094531.D

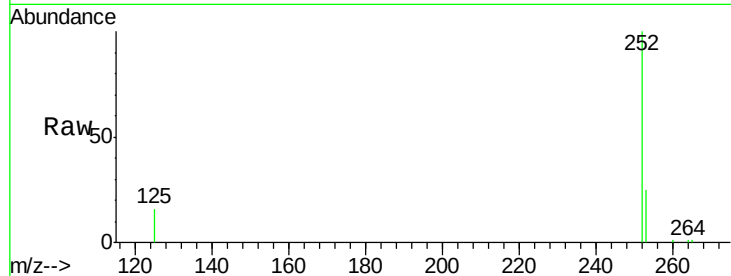
Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

ClientSampleId :

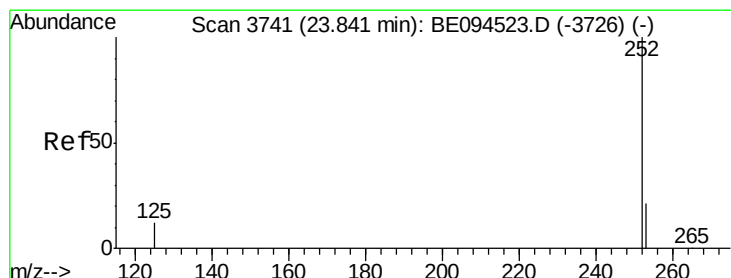
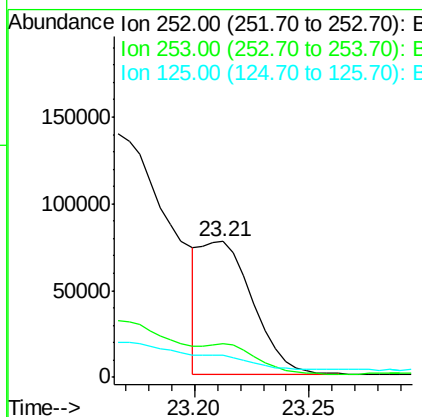
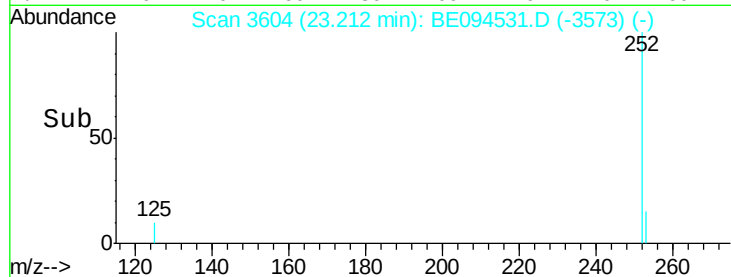
B-33(0.5-1.5)-100417



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.5	36.7
125	16.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 10.307 ng/ul m

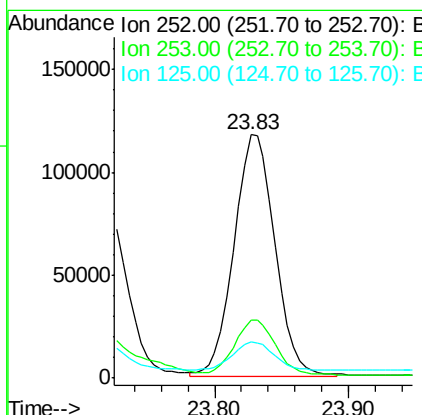
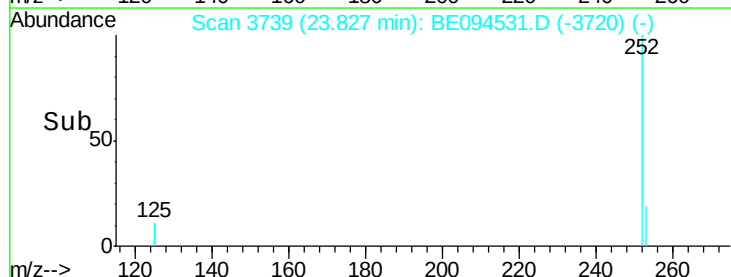
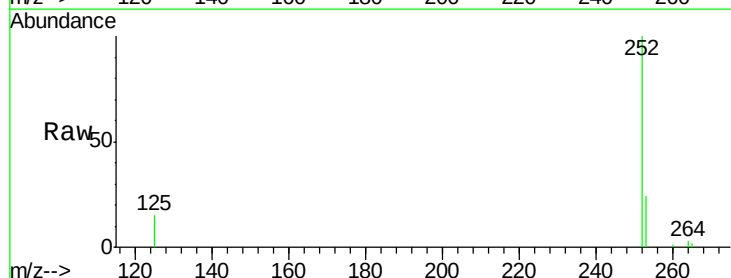
RT: 23.83 min Scan# 3739

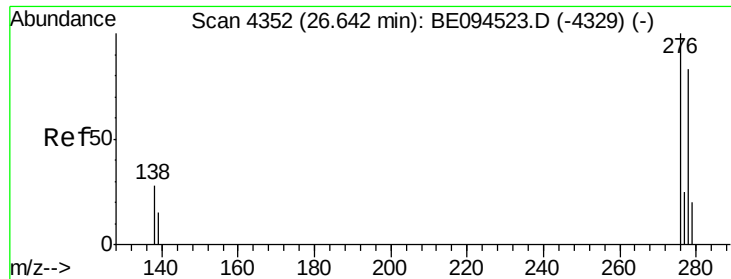
Delta R.T. -0.01 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	15.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 6.811 ng/ul m

RT: 26.62 min Scan# 4349

Delta R.T. -0.02 min

Lab File: BE094531.D

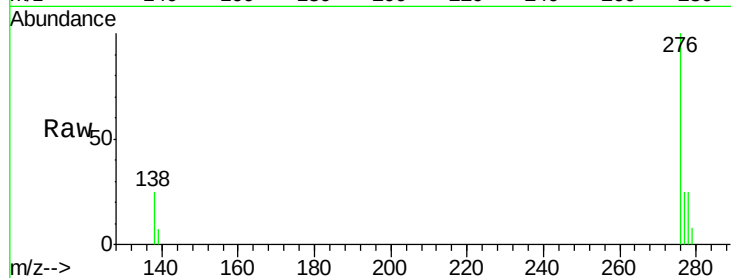
Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

ClientSampleId :

B-33(0.5-1.5)-100417



Tgt Ion: 276 Resp: 172185

Ion Ratio Lower Upper

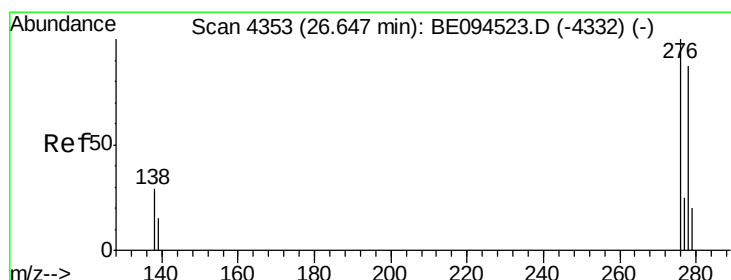
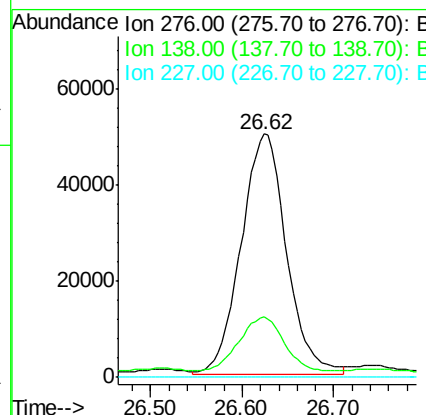
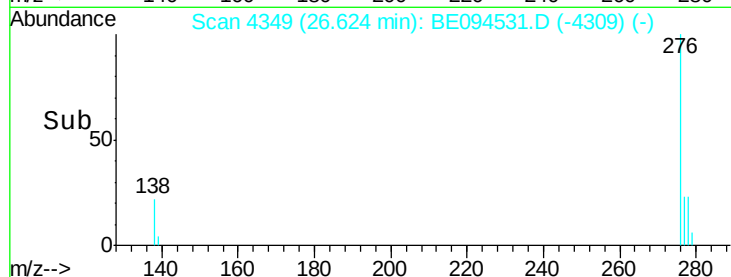
276 100

138 0.6 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:28:37 AM



#25

Dibenzo(a,h)anthracene

Concen: 2.467 ng/ul m

RT: 26.62 min Scan# 4349

Delta R.T. -0.02 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

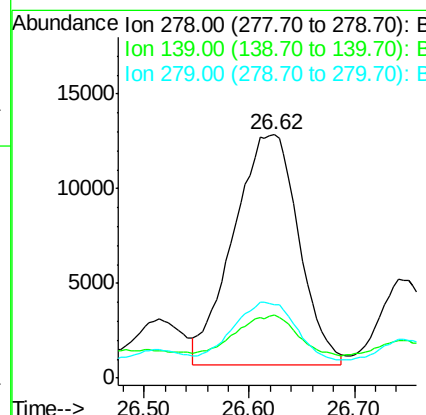
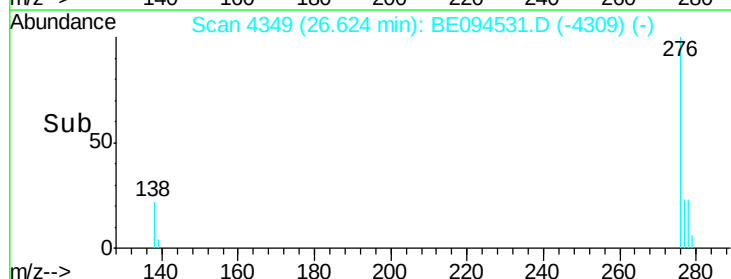
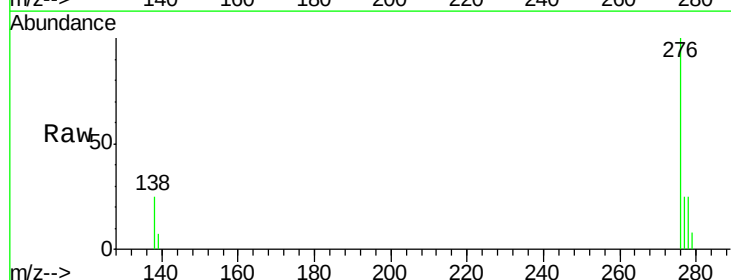
Tgt Ion: 278 Resp: 52560

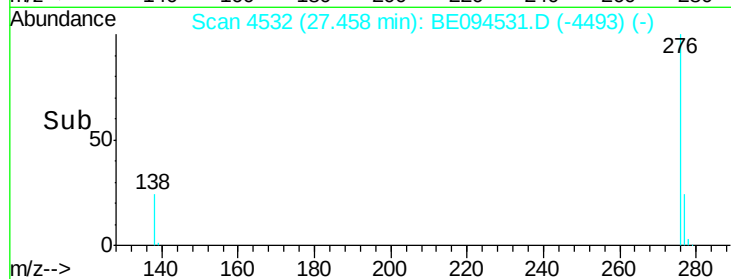
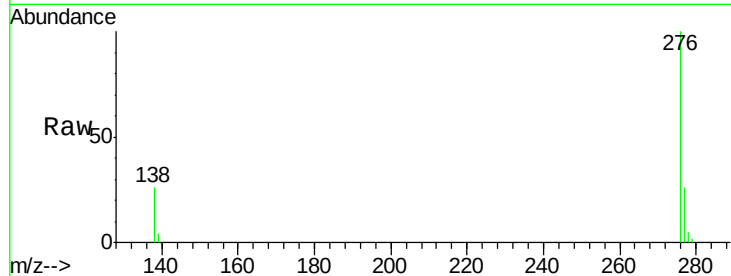
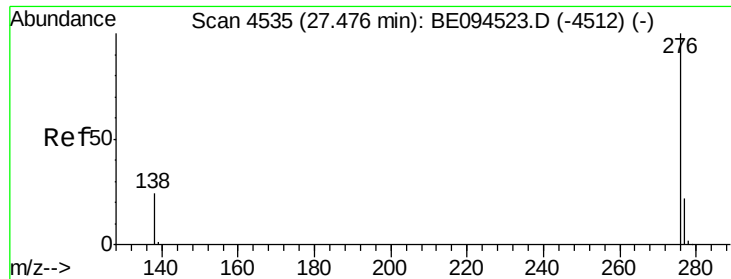
Ion Ratio Lower Upper

278 100

139 25.8 17.4 26.0

279 30.4 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 6.980 ng/ul m

RT: 27.46 min Scan# 4532

Delta R.T. -0.02 min

Lab File: BE094531.D

Acq: 25 Oct 2017 13:47

Instrument :

BNA_E

ClientSampleId :

B-33(0.5-1.5)-100417

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	25.7	21.8	32.8	
277	25.7	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:28:37 AM

