

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094534.D
 Acq On : 25 Oct 2017 15:46
 Operator : SJ/JU
 Sample : I5693-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:28:42 AM

Quant Time: Oct 25 19:04:41 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	1417	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7241	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5020	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9136	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9435	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9829	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	437	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1977	0.07	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	39279	2.219	ng/ul#	95
5) 2-Methylnaphthalene	12.34	142	71689	5.788	ng/ul	99
7) Acenaphthylene	14.24	152	3481	0.153	ng/ul#	31
8) Acenaphthene	14.57	153	6056	0.371	ng/ul	92
9) Fluorene	15.56	166	7644	0.417	ng/ul#	84
12) Phenanthrene	17.29	178	75688	3.137	ng/ul#	93
13) Anthracene	17.38	178	13471	0.566	ng/ul	96
15) Fluoranthene	19.31	202	79062	2.834	ng/ul	83
17) Pyrene	19.67	202	101612	3.484	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	59017	2.188	ng/ul#	92
19) Chrysene	21.46	228	66062	2.370	ng/ul#	91
21) Benzo(b)fluoranthene	23.18	252	88935m	3.217	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	28288m	0.955	ng/ul	
23) Benzo(a)pyrene	23.84	252	60022	2.172	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.64	276	47783	1.671	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	12171	0.505	ng/ul#	63
26) Benzo(g,h,i)perylene	27.48	276	40359	1.758	ng/ul	91

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

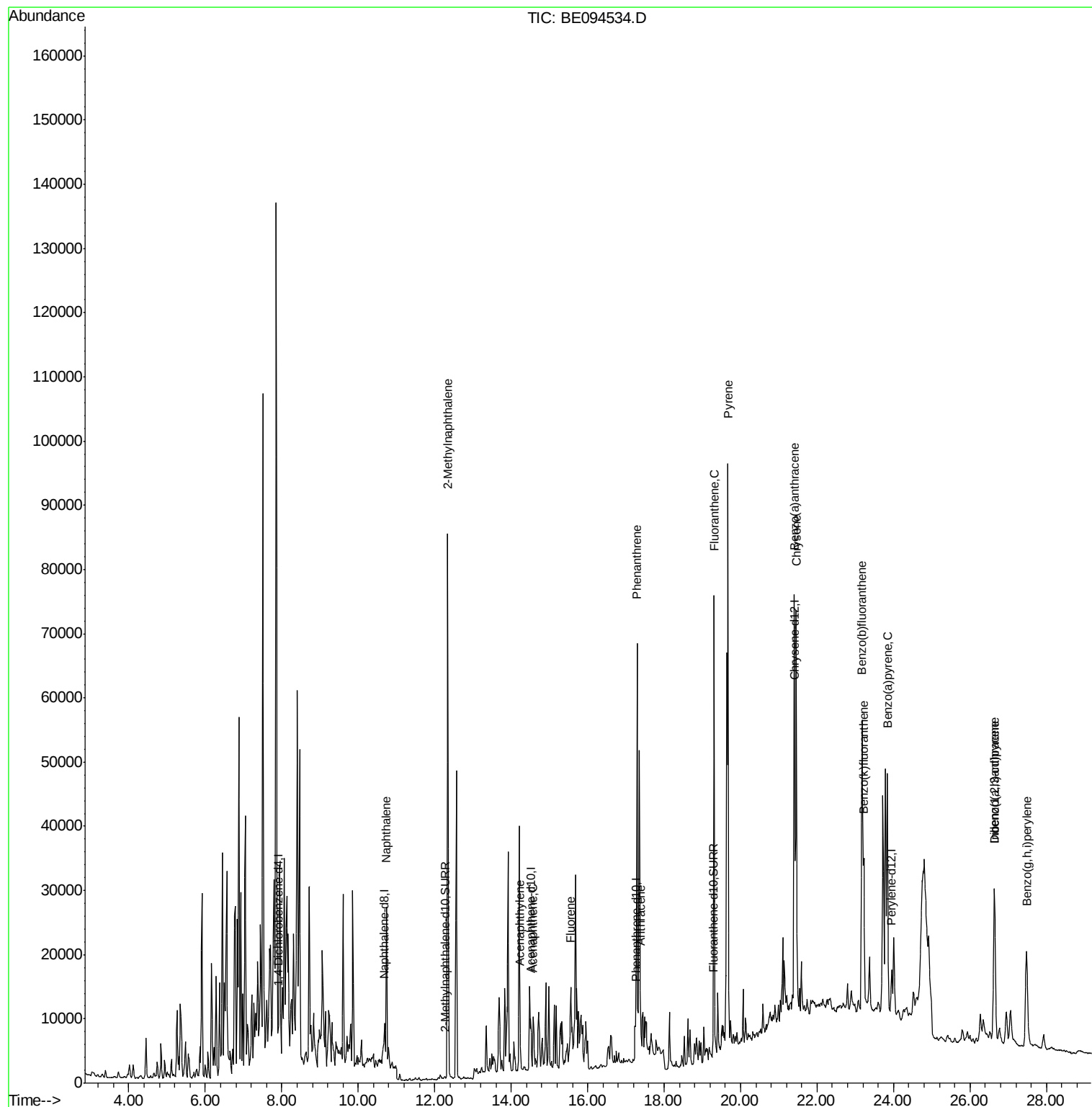
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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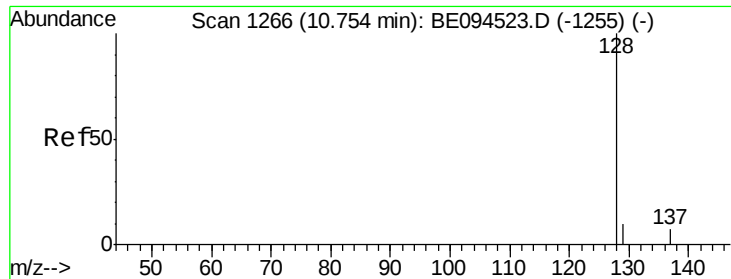
Instrument :
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B-33(0.5-1.5)-100417DL

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 2.219 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Instrument :

BNA_E

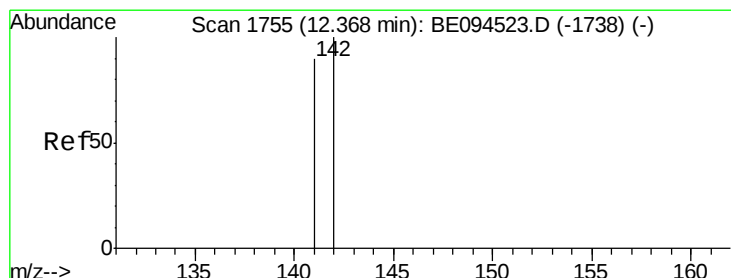
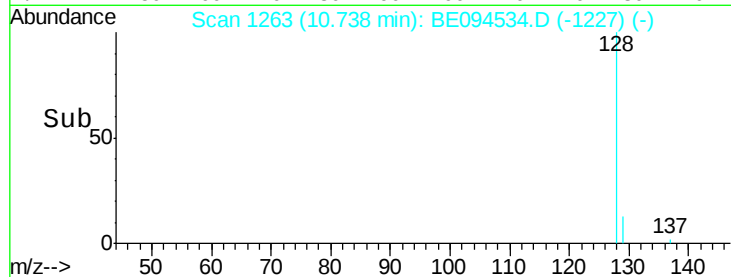
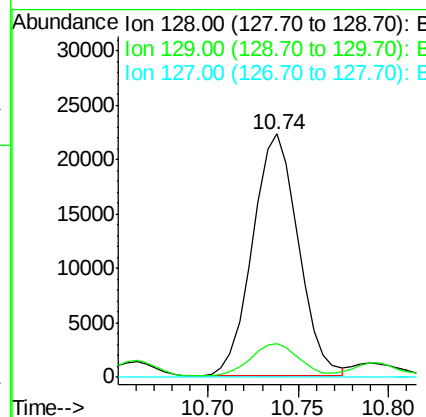
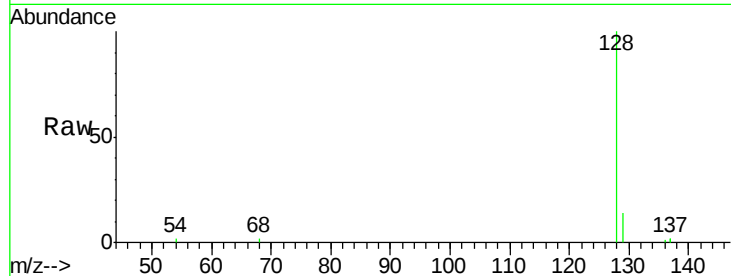
ClientSampleId :

B-33(0.5-1.5)-100417DL

Tgt Ion:	128	Resp:	39279
Ion Ratio	Lower	Upper	
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 5.788 ng/ul

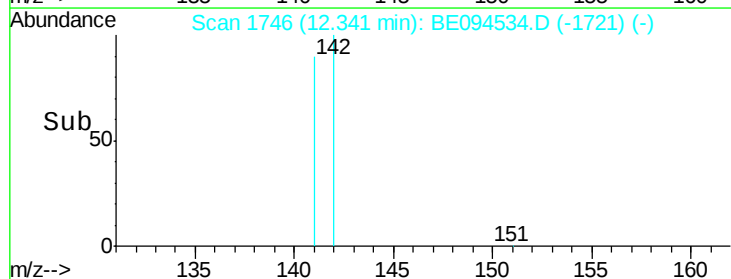
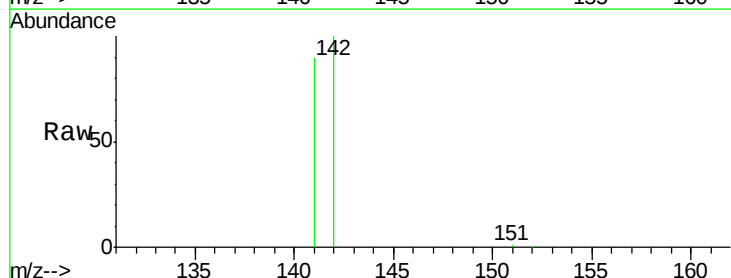
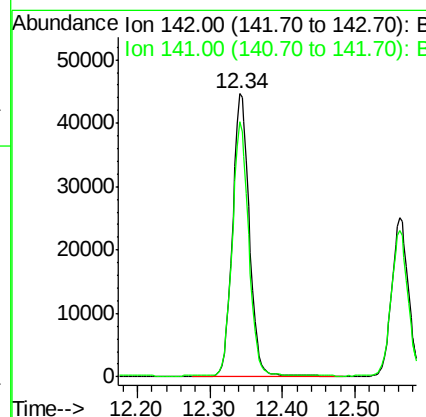
RT: 12.34 min Scan# 1746

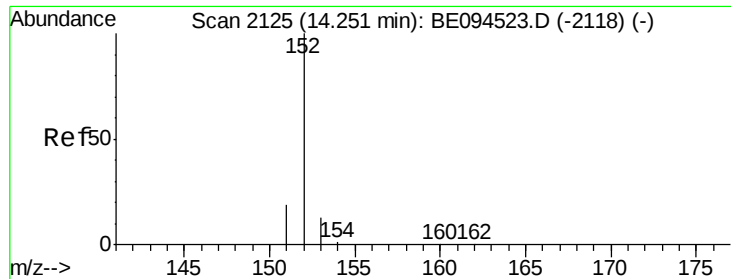
Delta R.T. -0.02 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Tgt Ion:	142	Resp:	71689
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.153 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Instrument :

BNA_E

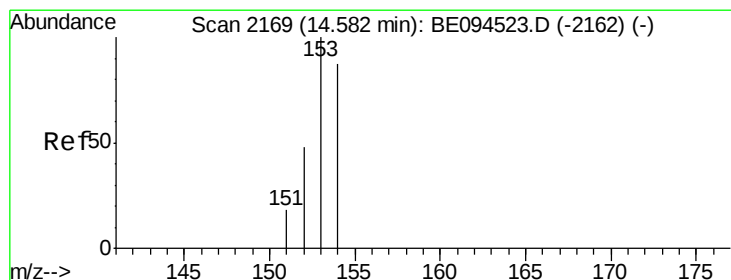
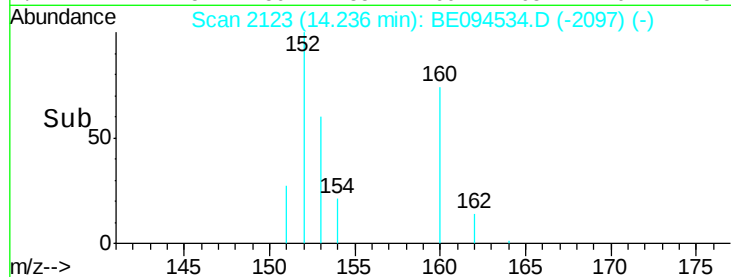
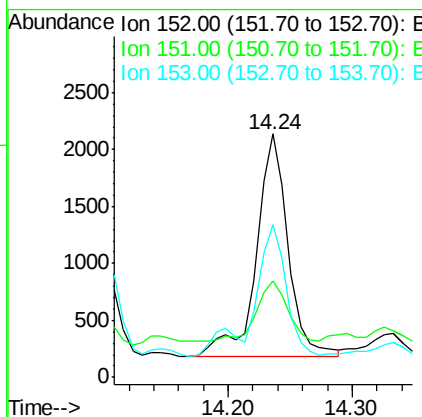
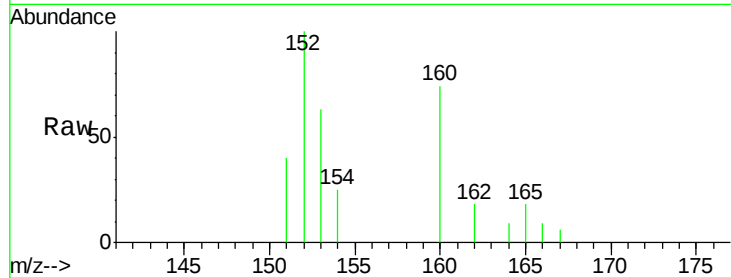
ClientSampleId :

B-33(0.5-1.5)-100417DL

Tgt Ion:	152	Resp:	3481
Ion Ratio	Lower	Upper	
152	100		
151	39.7	17.1	25.7#
153	62.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.371 ng/ul

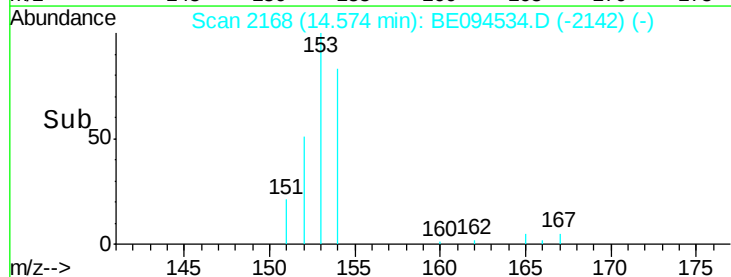
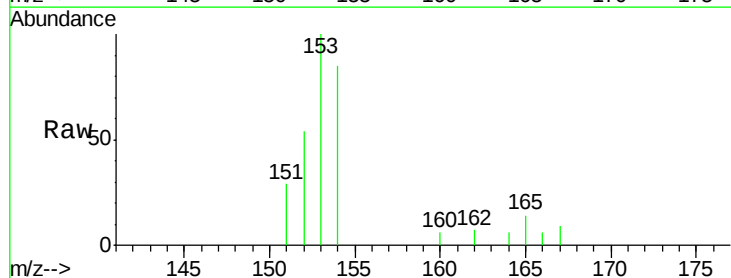
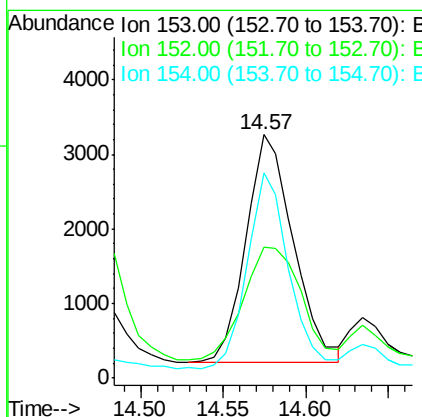
RT: 14.57 min Scan# 2168

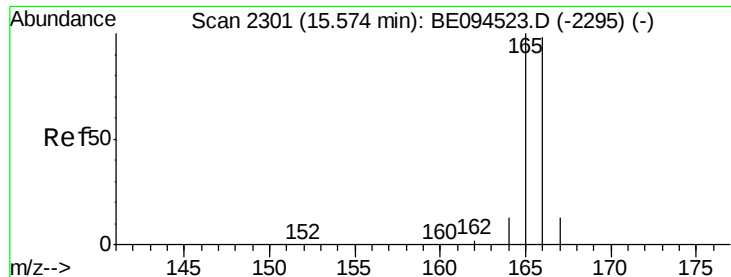
Delta R.T. -0.01 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Tgt Ion:	153	Resp:	6056
Ion Ratio	Lower	Upper	
153	100		
152	54.0	36.0	54.0
154	84.5	72.0	108.0





#9

Fluorene

Concen: 0.417 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Instrument :

BNA_E

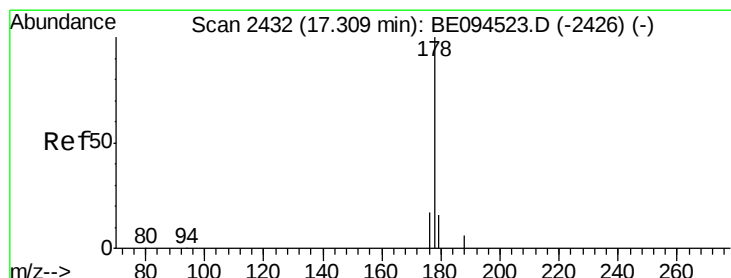
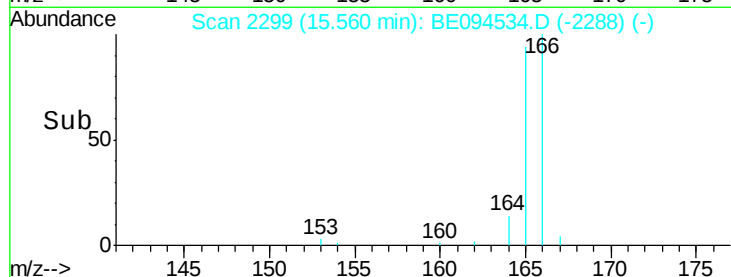
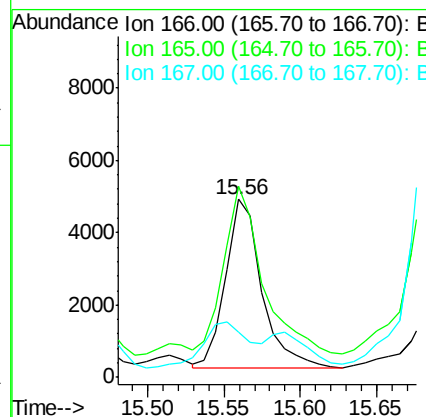
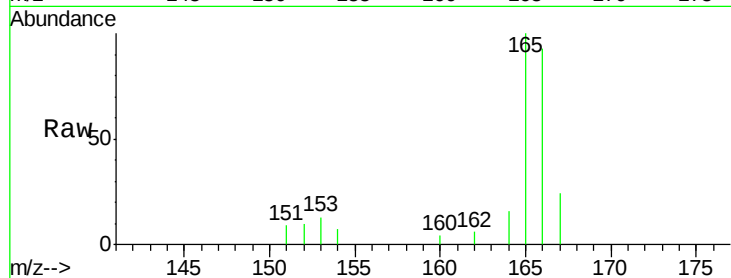
ClientSampleId :

B-33(0.5-1.5)-100417DL

Tgt Ion:	166	Resp:	7644
Ion Ratio	Lower	Upper	
166	100		
165	107.0	73.4	110.2
167	25.4	14.6	22.0#

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#12

Phenanthrene

Concen: 3.137 ng/ul

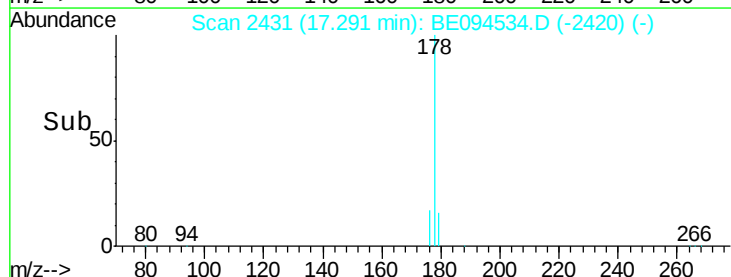
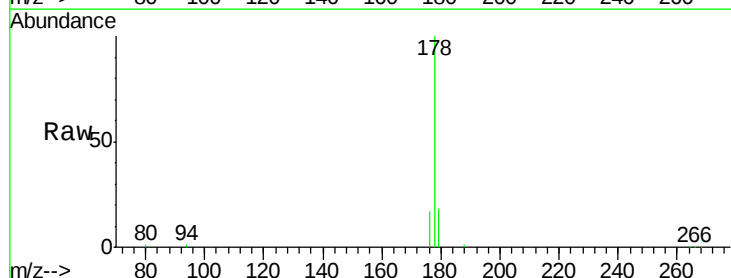
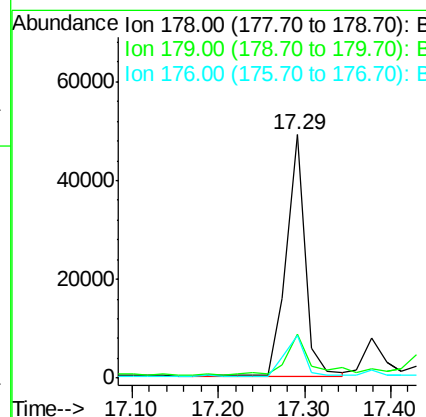
RT: 17.29 min Scan# 2431

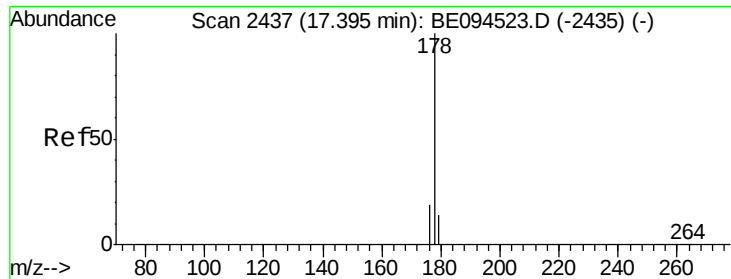
Delta R.T. -0.02 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Tgt Ion:	178	Resp:	75688
Ion Ratio	Lower	Upper	
178	100		
179	17.8	18.4	27.6#
176	17.4	13.6	20.4





#13

Anthracene

Concen: 0.566 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094534.D

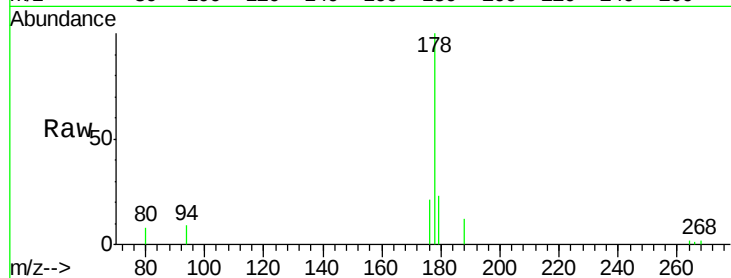
Acq: 25 Oct 2017 15:46

Instrument :

BNA_E

ClientSampleId :

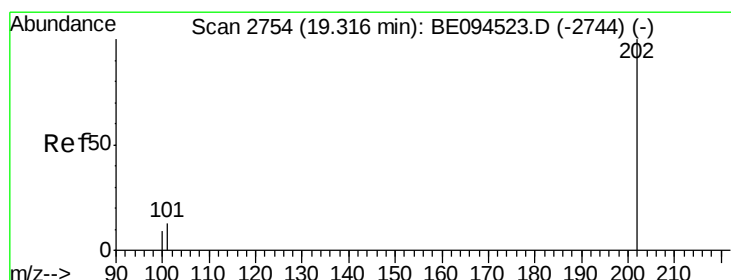
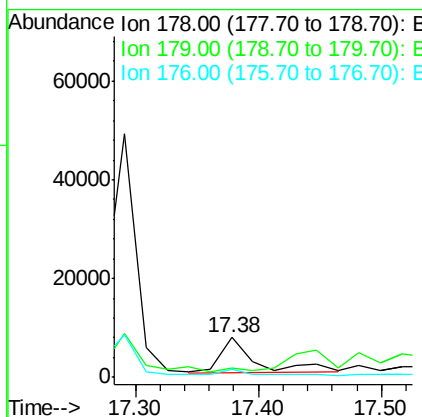
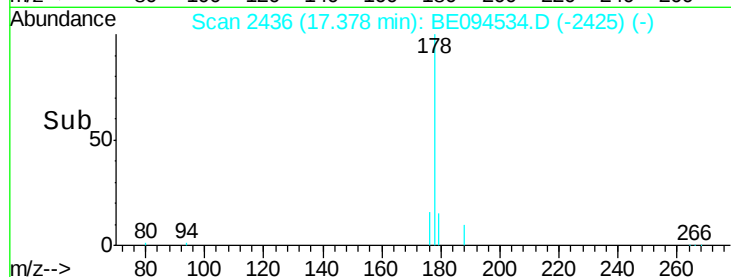
B-33(0.5-1.5)-100417DL



Tgt Ion:	178	Resp:	13471
Ion Ratio	Lower	Upper	
178	100		
179	23.3	18.1	27.1
176	21.4	14.7	22.1

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#15

Fluoranthene

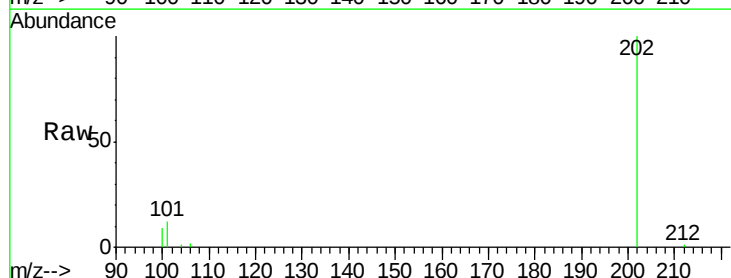
Concen: 2.834 ng/ul

RT: 19.31 min Scan# 2752

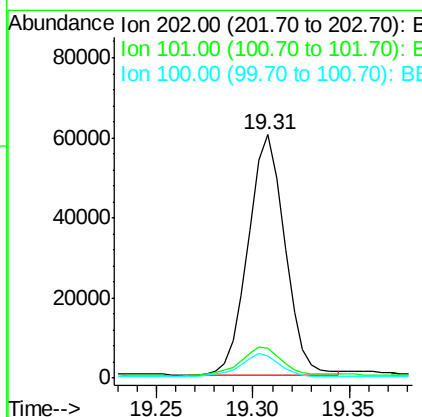
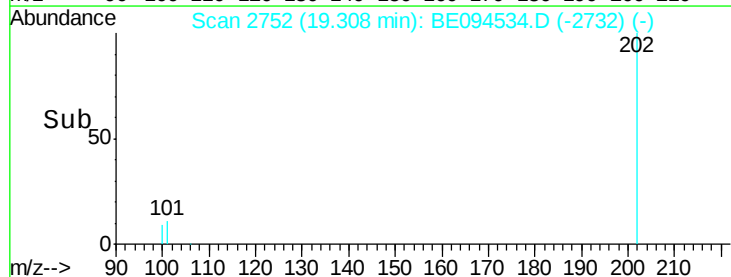
Delta R.T. -0.01 min

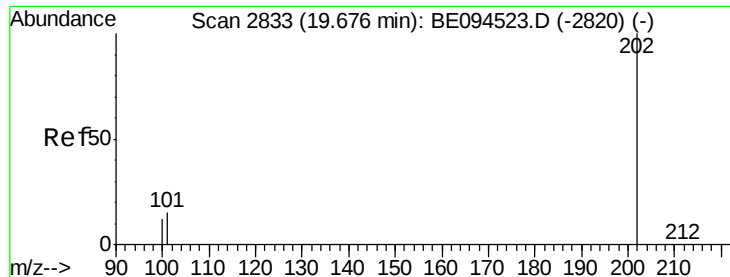
Lab File: BE094534.D

Acq: 25 Oct 2017 15:46



Tgt Ion:	202	Resp:	79062
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.3
100	9.2	0.0	39.5





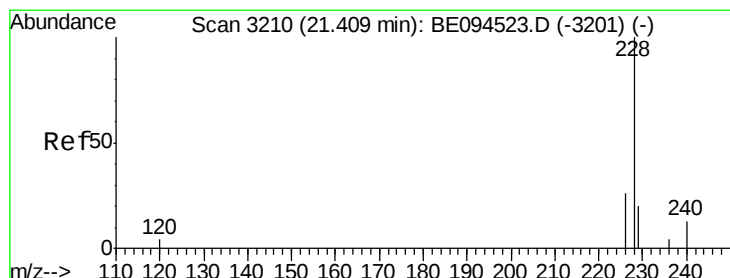
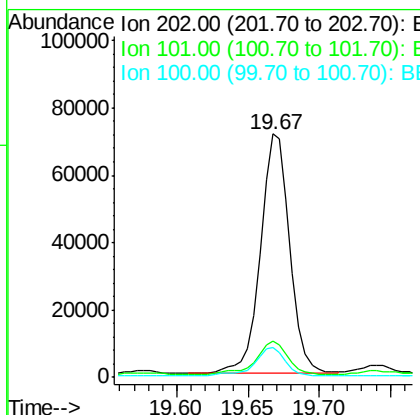
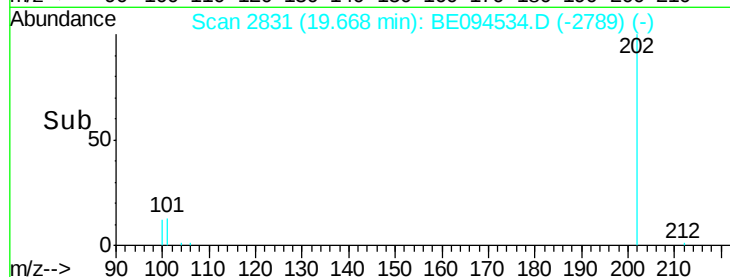
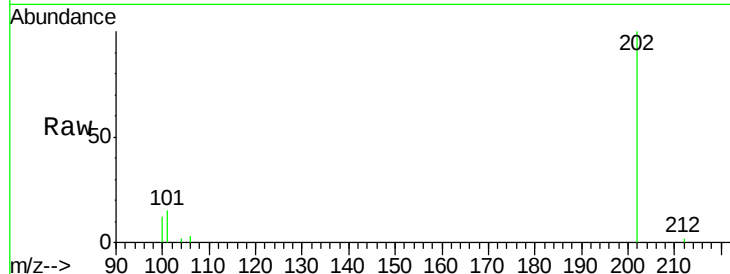
#17
Pyrene
 Concen: 3.484 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094534.D
 Acq: 25 Oct 2017 15:46

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	18.2	27.4#
100	12.1	15.6	23.4#

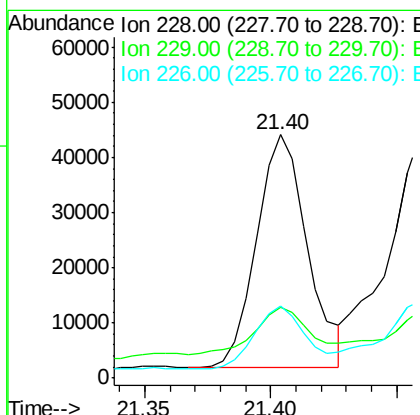
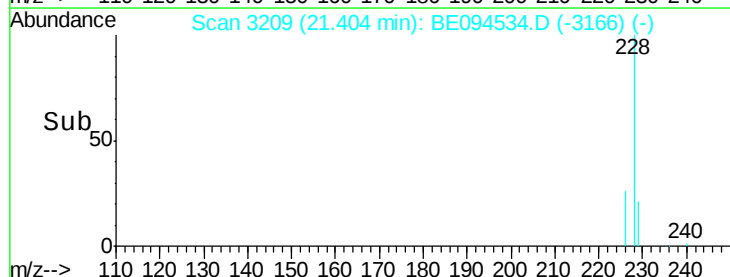
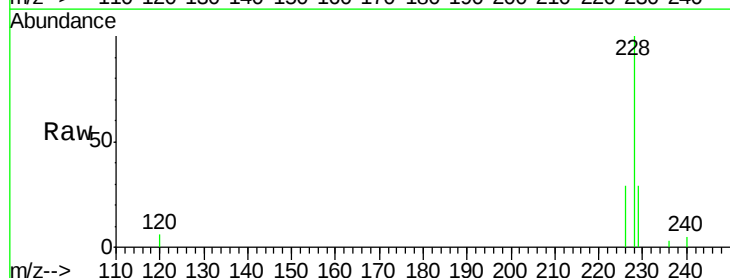
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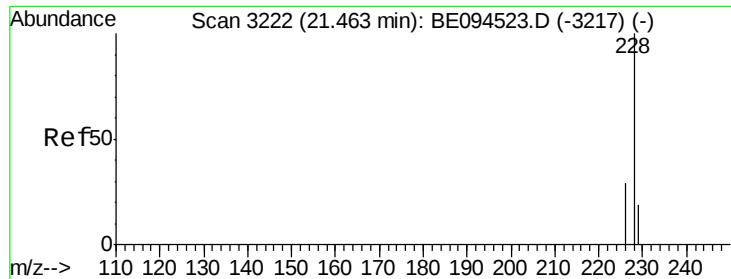
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#18
Benzo(a)anthracene
 Concen: 2.188 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.00 min
 Lab File: BE094534.D
 Acq: 25 Oct 2017 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	28.9	22.8	34.2
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 2.370 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Instrument :

BNA_E

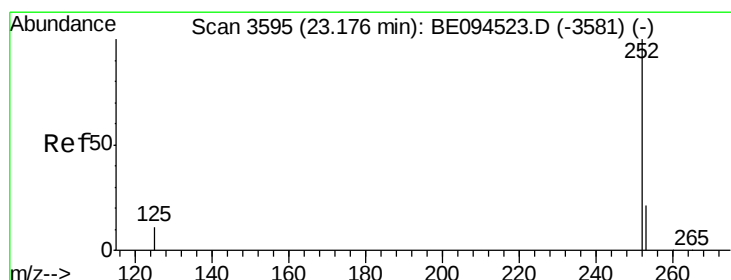
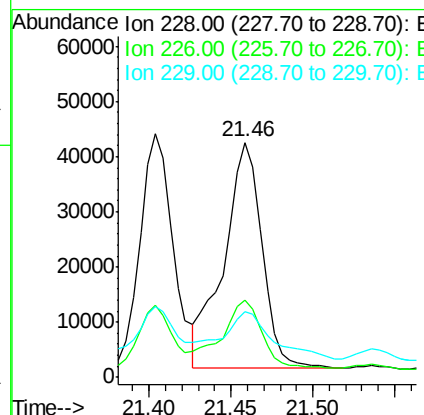
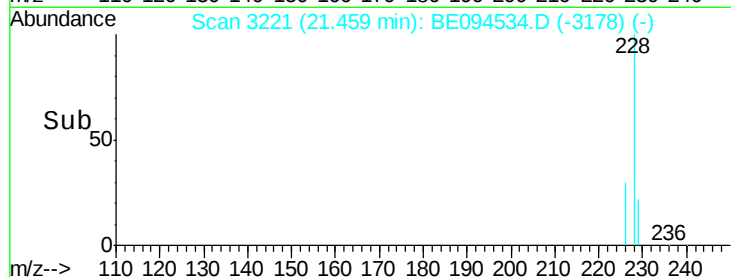
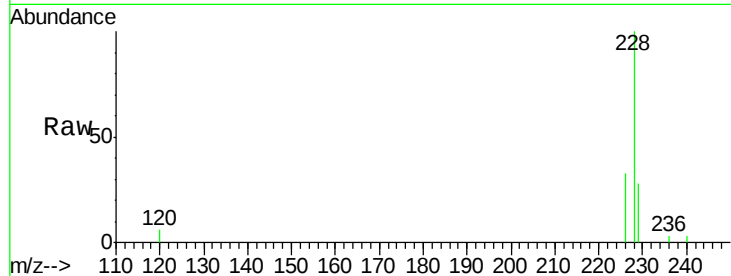
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Tgt Ion:	228	Resp:	66062
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.4	35.0
229	27.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 3.217 ng/ul m

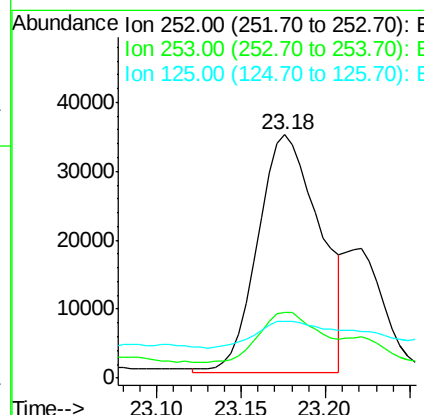
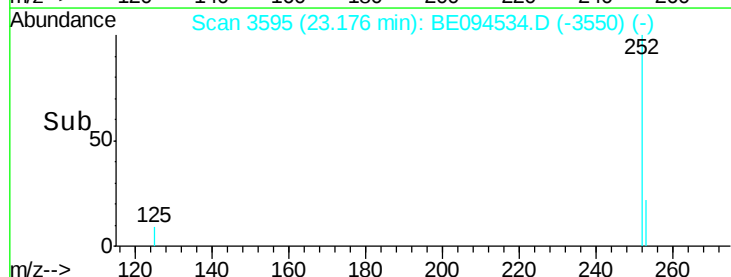
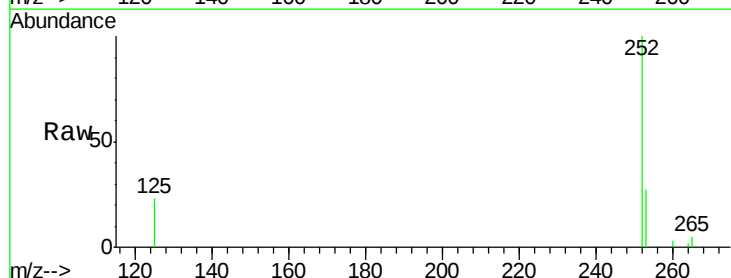
RT: 23.18 min Scan# 3595

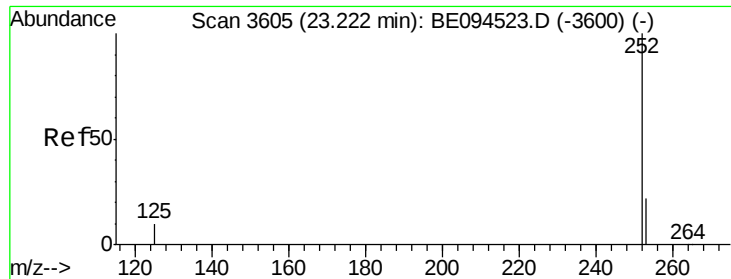
Delta R.T. 0.00 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Tgt Ion:	252	Resp:	88935
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	64.2
125	23.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.955 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.00 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

Instrument :

BNA_E

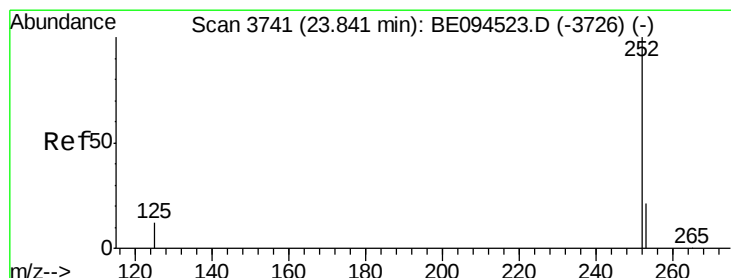
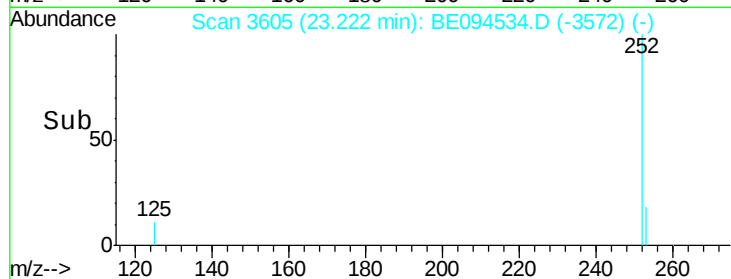
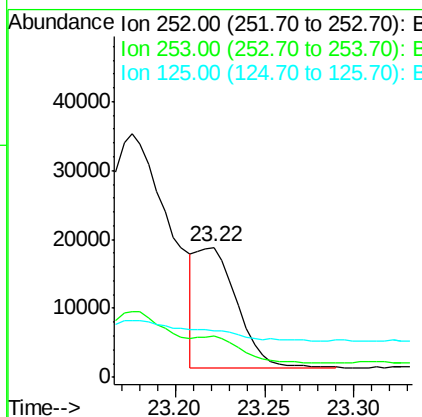
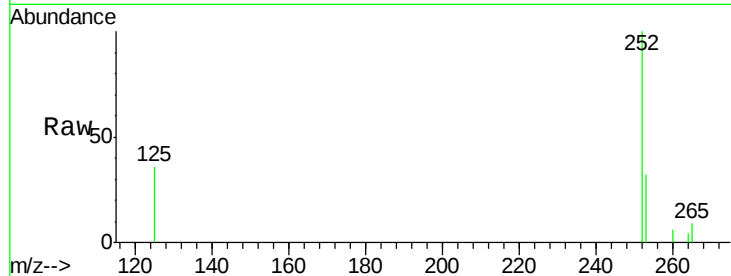
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Tgt Ion:	252	Resp:	28288
Ion Ratio	Lower	Upper	
252	100		
253	31.9	24.5	36.7
125	36.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.172 ng/ul

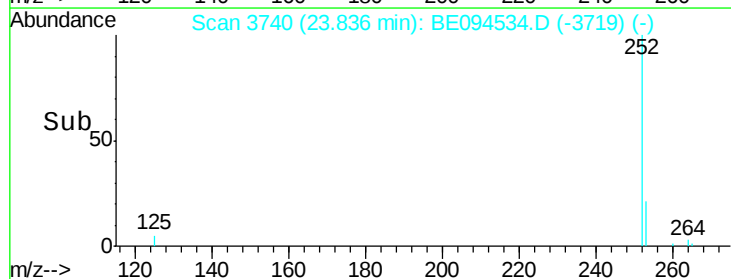
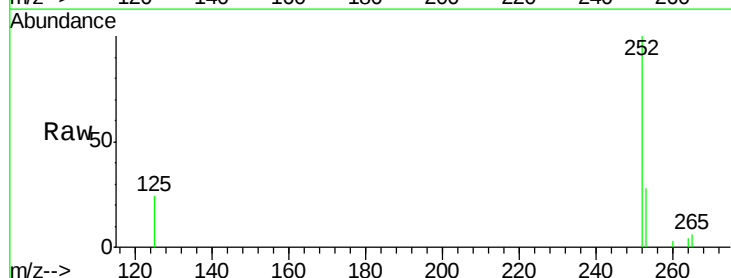
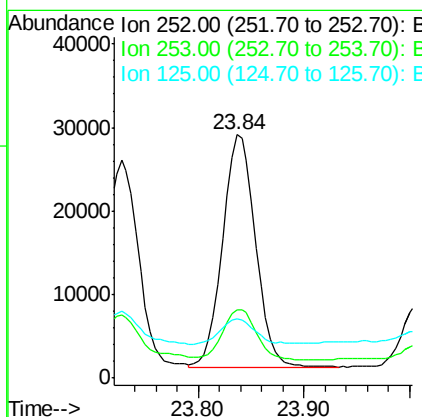
RT: 23.84 min Scan# 3740

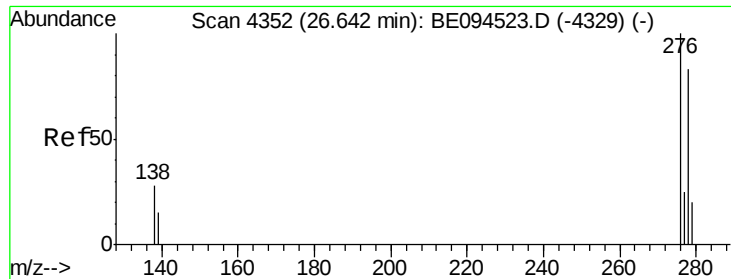
Delta R.T. -0.00 min

Lab File: BE094534.D

Acq: 25 Oct 2017 15:46

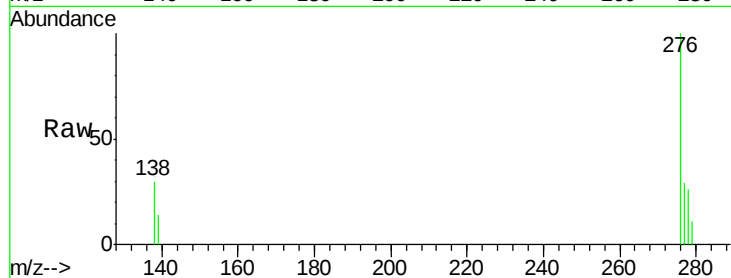
Tgt Ion:	252	Resp:	60022
Ion Ratio	Lower	Upper	
252	100		
253	28.2	28.5	42.7#
125	24.5	18.1	27.1





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.671 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.00 min
 Lab File: BE094534.D
 Acq: 25 Oct 2017 15:46

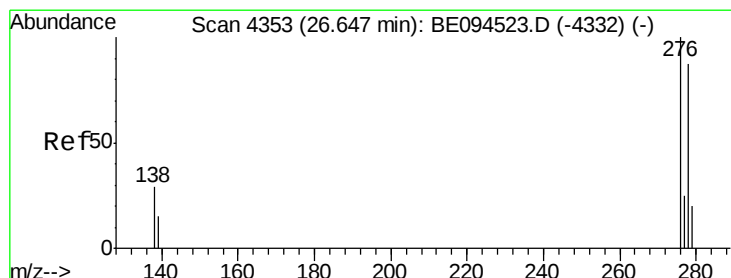
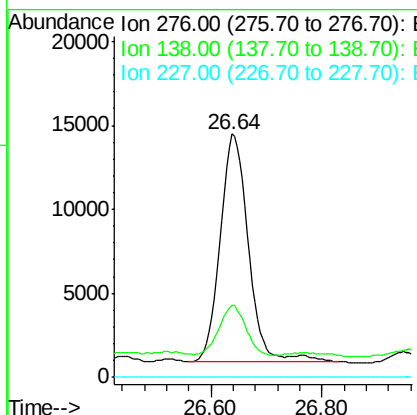
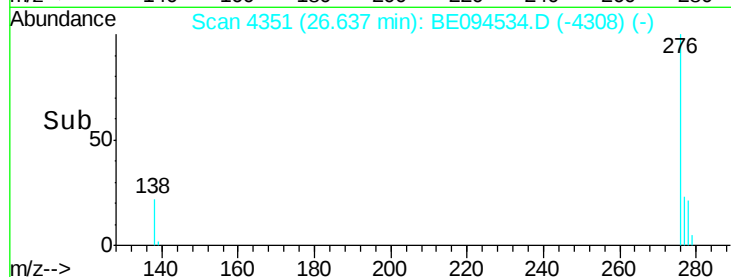
Instrument :
 BNA_E
 ClientSampleId :
 B-33(0.5-1.5)-100417DL



Tgt Ion: 276 Resp: 47783
 Ion Ratio Lower Upper
 276 100
 138 20.6 28.0 42.0#
 227 0.0 8.0 12.0#

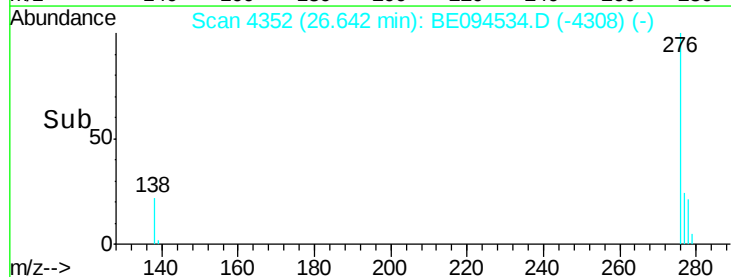
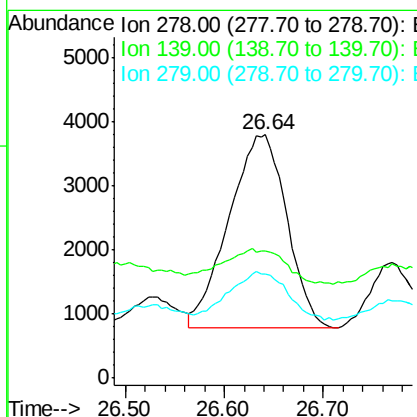
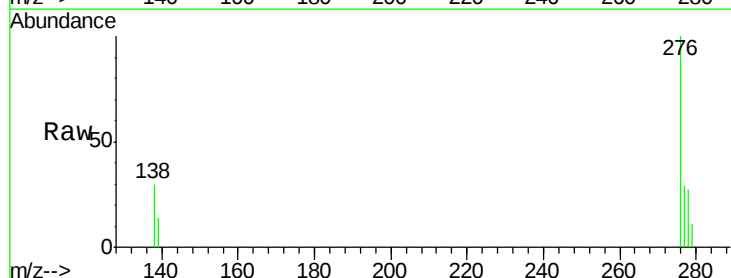
Manual Integrations
 APPROVED

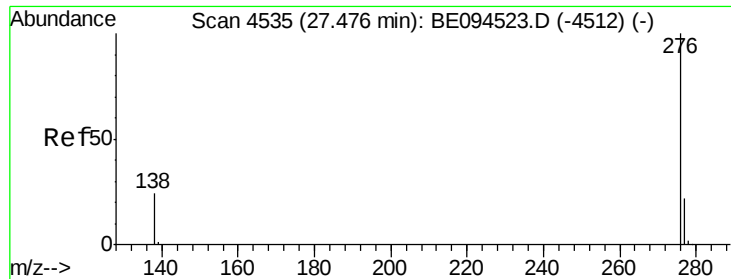
Sohil
 10/27/2017 8:28:42 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.505 ng/ul
 RT: 26.64 min Scan# 4352
 Delta R.T. -0.00 min
 Lab File: BE094534.D
 Acq: 25 Oct 2017 15:46

Tgt Ion: 278 Resp: 12171
 Ion Ratio Lower Upper
 278 100
 139 52.4 17.4 26.0#
 279 42.8 25.9 38.9#





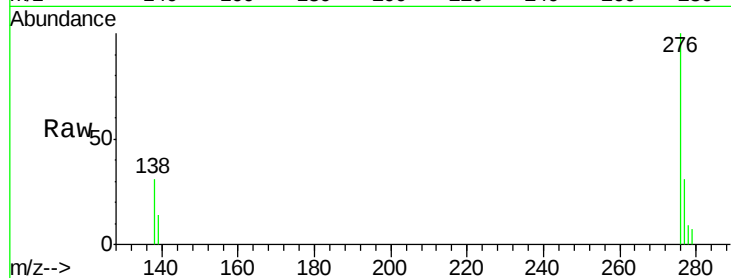
#26
 Benzo(g,h,i)perylene
 Concen: 1.758 ng/ul
 RT: 27.48 min Scan# 4536
 Delta R.T. -0.00 min
 Lab File: BE094534.D
 Acq: 25 Oct 2017 15:46

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

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	31.4	21.8	32.8	
277	30.6	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:28:42 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

