

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094543.D
 Acq On : 25 Oct 2017 21:19
 Operator : SJ/JU
 Sample : I5693-04 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-32(2-4)-100417

Manual Integrations
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Quant Time: Oct 26 12:55:47 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	1442	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8051	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4743	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10156	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9960	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10065	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	904	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	2021	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	37650	1.913	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	14598	1.060	ng/ul	98
7) Acenaphthylene	14.24	152	10011	0.467	ng/ul	100
8) Acenaphthene	14.57	153	3431	0.223	ng/ul	91
9) Fluorene	15.57	166	3430	0.198	ng/ul	93
12) Phenanthrene	17.29	178	88543	3.301	ng/ul#	89
13) Anthracene	17.38	178	23714	0.896	ng/ul#	90
15) Fluoranthene	19.31	202	233783	7.538	ng/ul	84
17) Pyrene	19.67	202	383979	12.471	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	231397	8.127	ng/ul#	88
19) Chrysene	21.46	228	264109	8.974	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	414469m	14.639	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	127906m	4.216	ng/ul	
23) Benzo(a)pyrene	23.85	252	349175	12.338	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	228504	7.803	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.65	278	56678	2.297	ng/ul	95
26) Benzo(g,h,i)perylene	27.48	276	191670	8.151	ng/ul	97

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

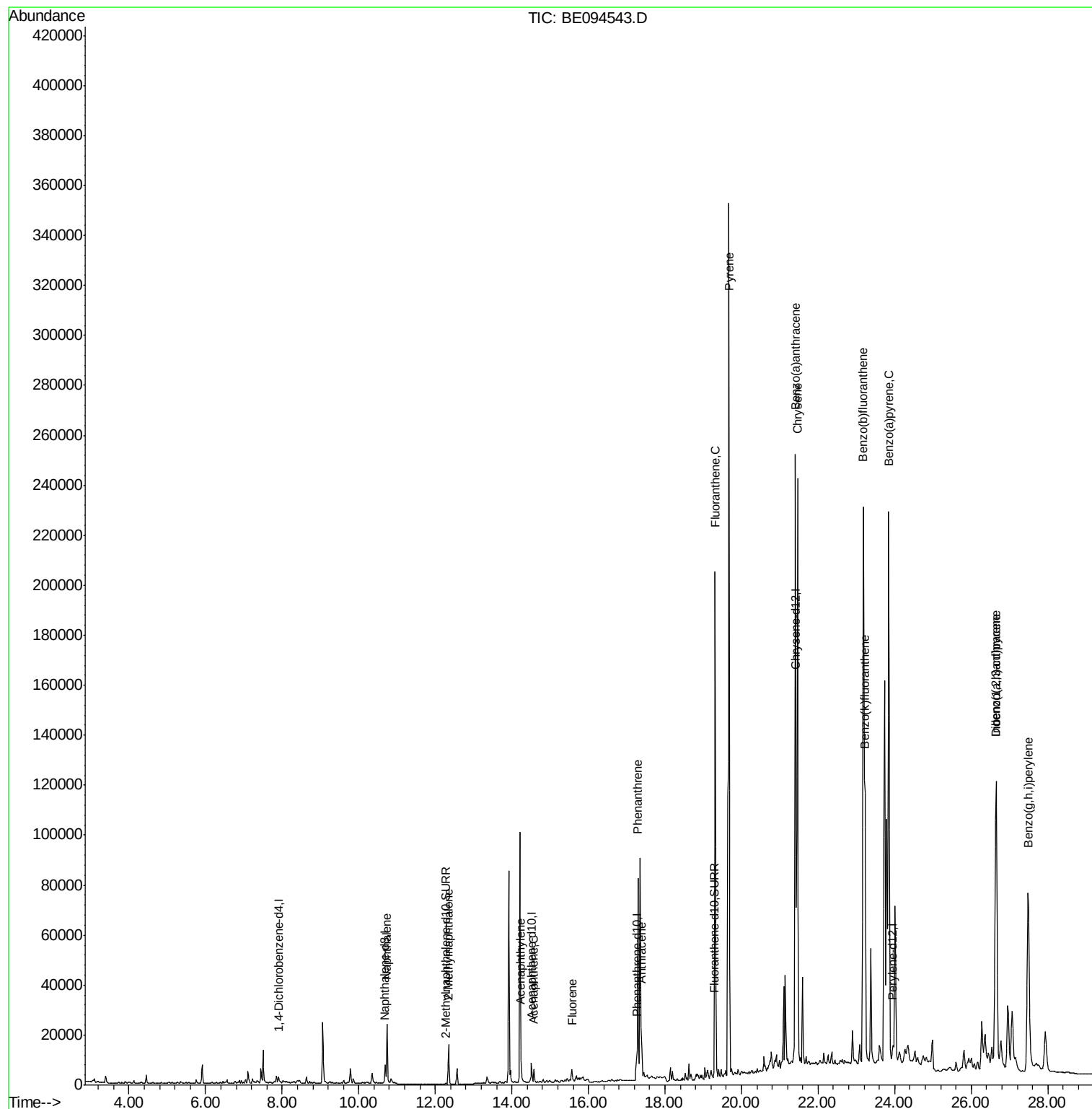
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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ALS Vial : 19 Sample Multiplier: 1

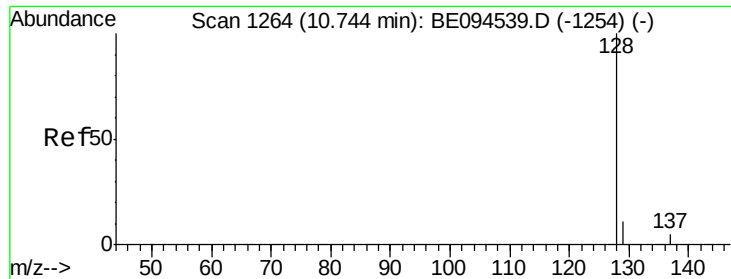
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B-32(2-4)-100417

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#3

Naphthalene

Concen: 1.913 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Instrument :

BNA_E

ClientSampleId :

B-32(2-4)-100417

Tgt Ion:128 Resp: 37650

Ion Ratio Lower Upper

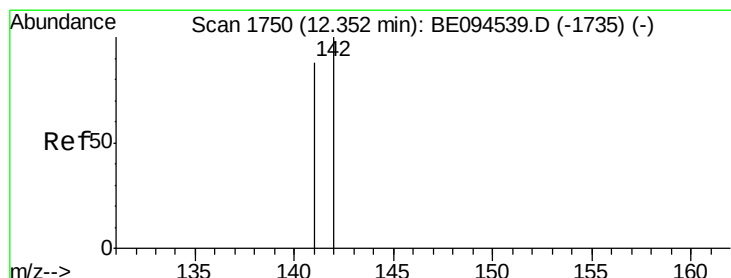
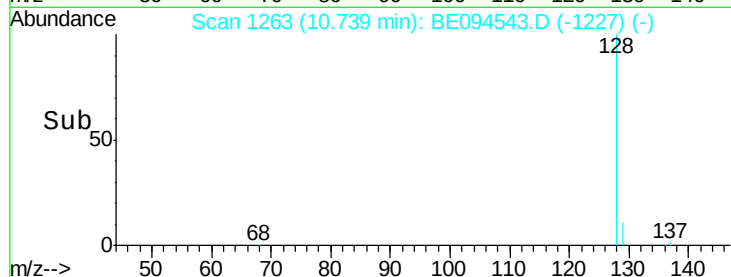
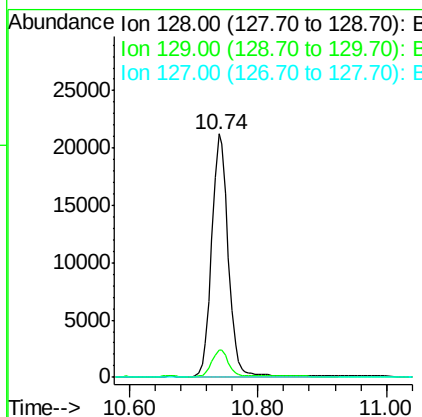
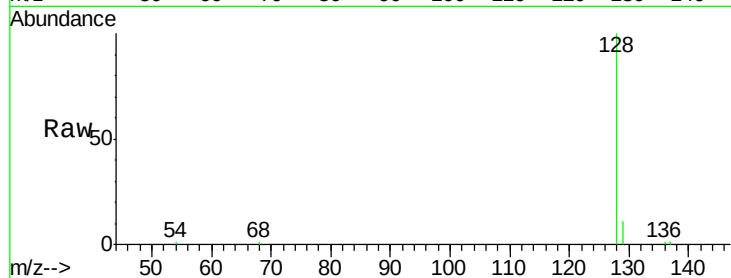
128 100

129 11.1 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.060 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BE094543.D

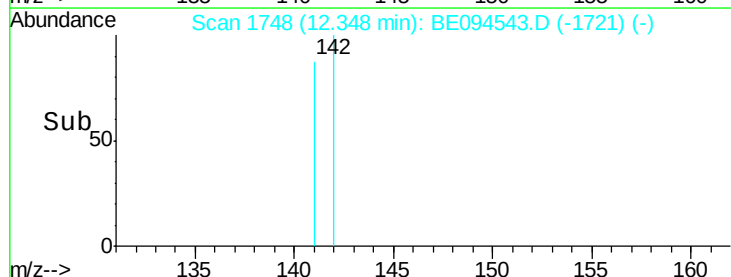
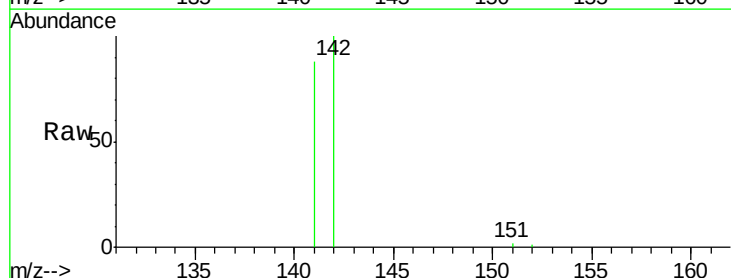
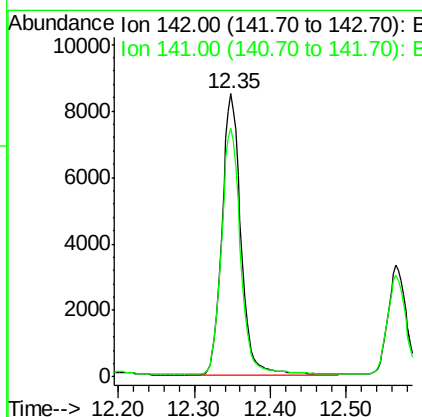
Acq: 25 Oct 2017 21:19

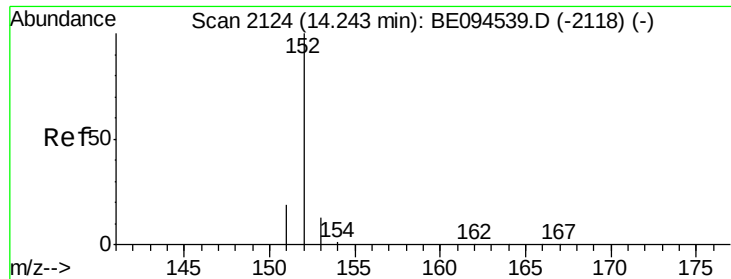
Tgt Ion:142 Resp: 14598

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.467 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Instrument :

BNA_E

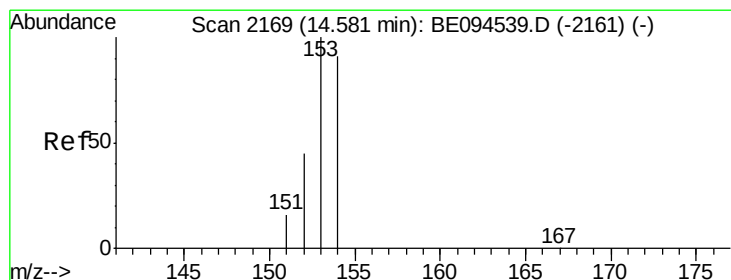
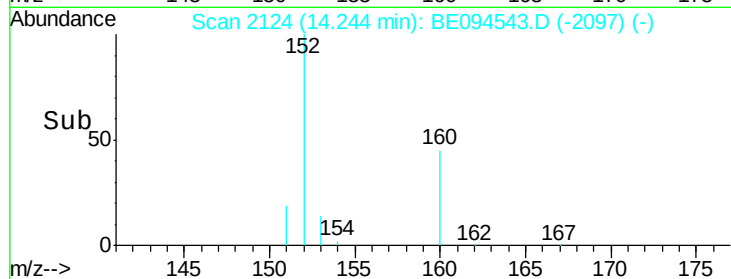
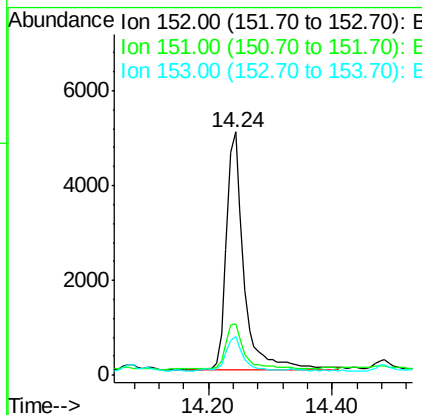
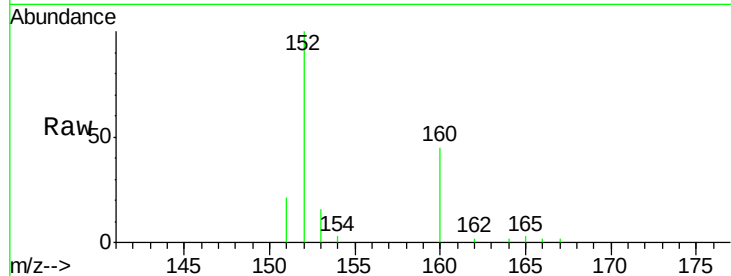
ClientSampleId :

B-32(2-4)-100417

Tgt Ion:	152	Resp:	10011
Ion Ratio		Lower	Upper
152	100		
151	21.2	17.1	25.7
153	15.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.223 ng/ul

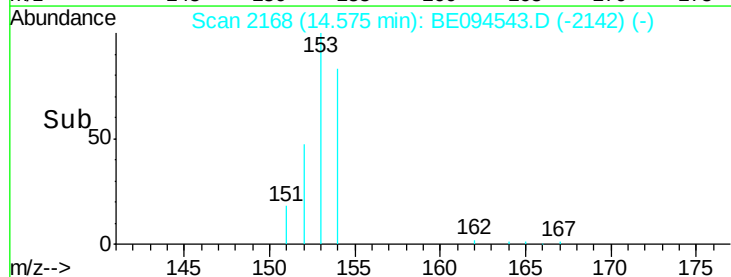
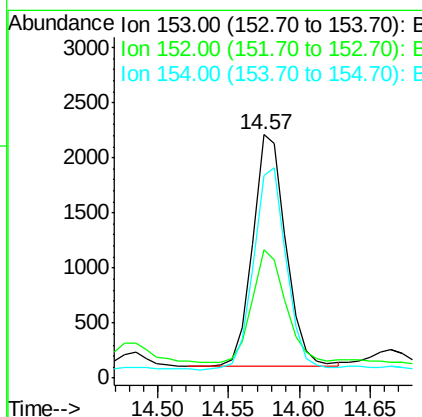
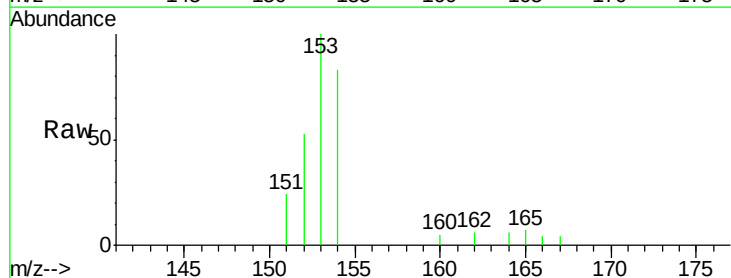
RT: 14.57 min Scan# 2168

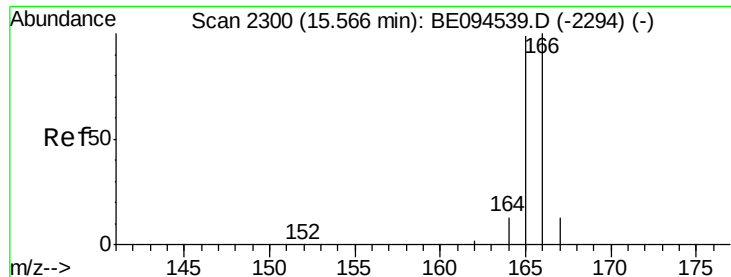
Delta R.T. -0.01 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Tgt Ion:	153	Resp:	3431
Ion Ratio		Lower	Upper
153	100		
152	52.7	36.0	54.0
154	83.4	72.0	108.0





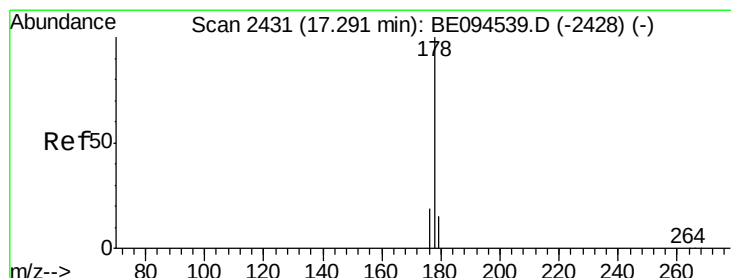
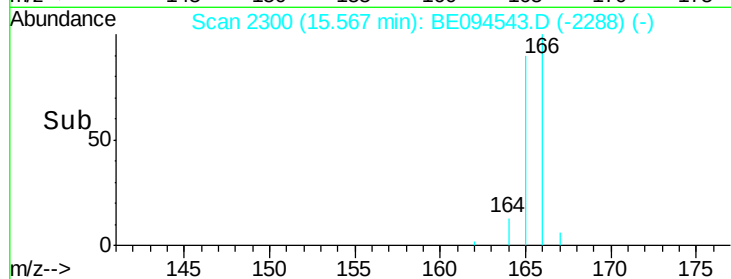
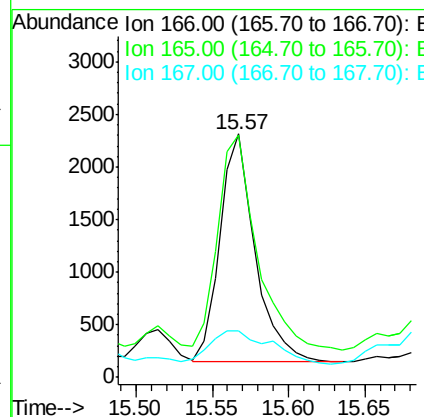
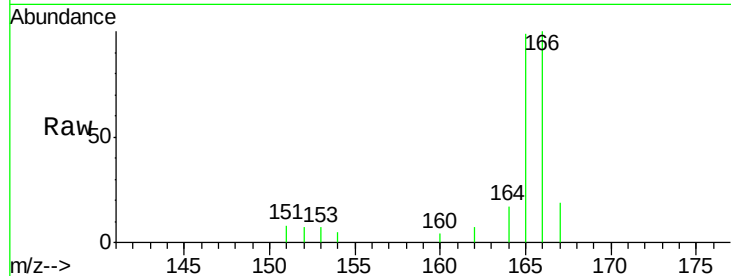
#9
Fluorene
 Concen: 0.198 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094543.D
 Acq: 25 Oct 2017 21:19

Instrument :
 BNA_E
 ClientSampleId :
 B-32(2-4)-100417

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	73.4	110.2
167	19.0	14.6	22.0

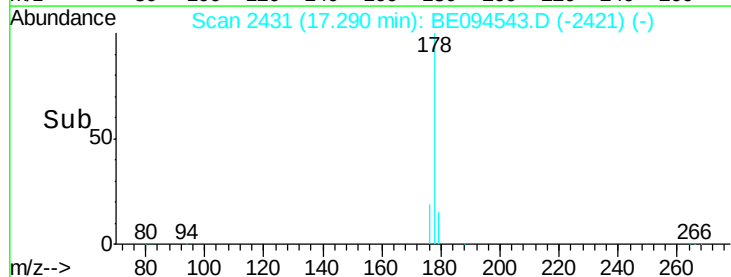
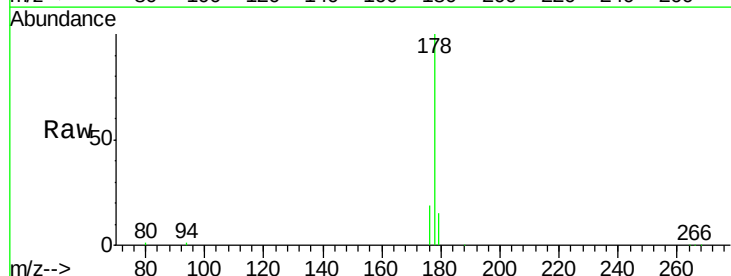
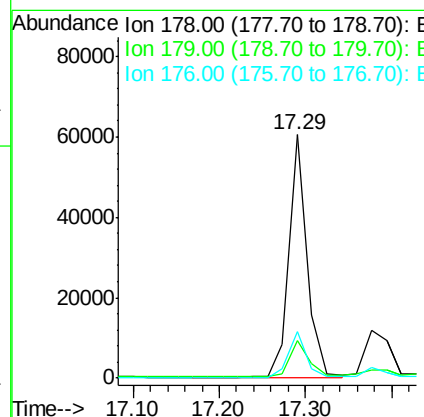
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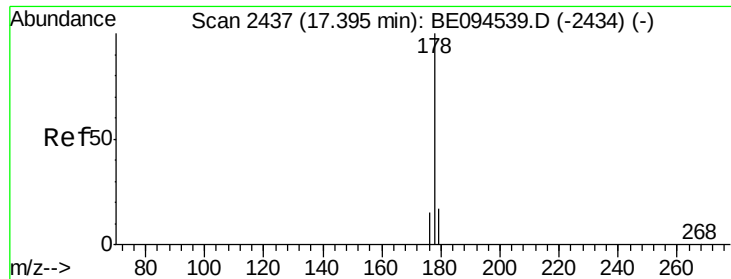
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#12
Phenanthrene
 Concen: 3.301 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094543.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.2	13.6	20.4





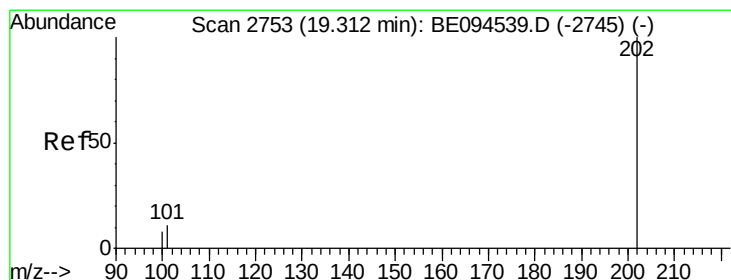
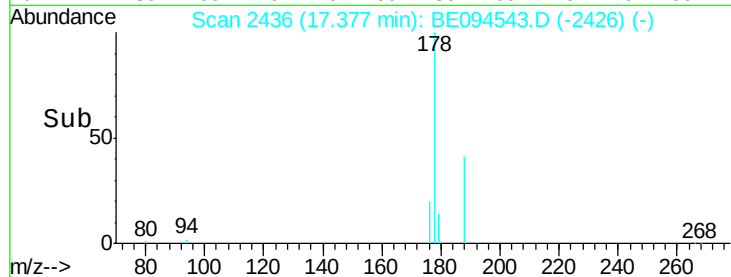
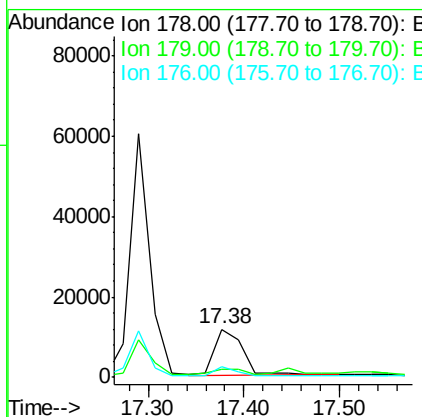
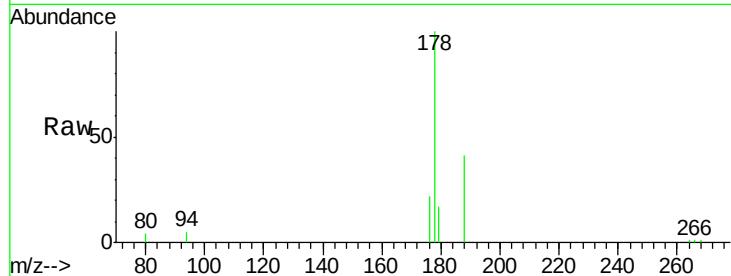
#13
 Anthracene
 Concen: 0.896 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094543.D
 Acq: 25 Oct 2017 21:19

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	21.6	14.7	22.1

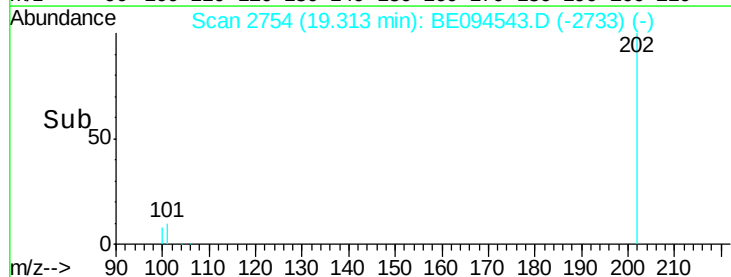
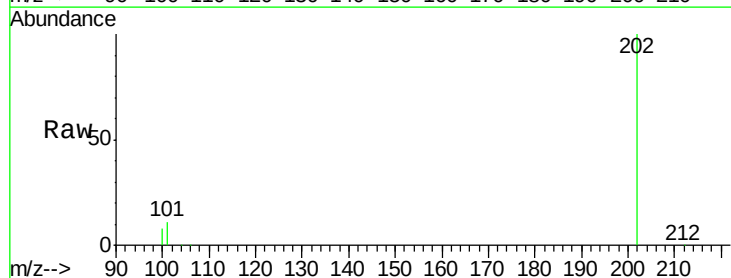
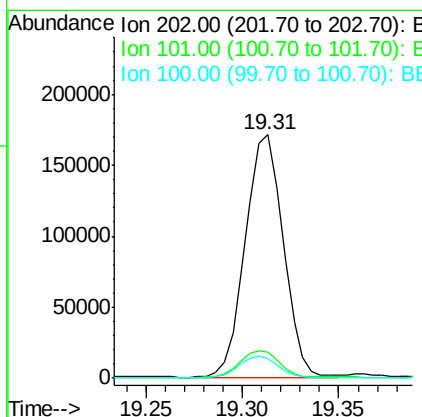
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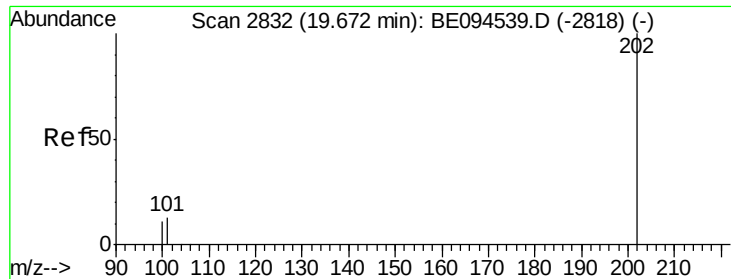
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#15
 Fluoranthene
 Concen: 7.538 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094543.D
 Acq: 25 Oct 2017 21:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.2	0.0	39.5





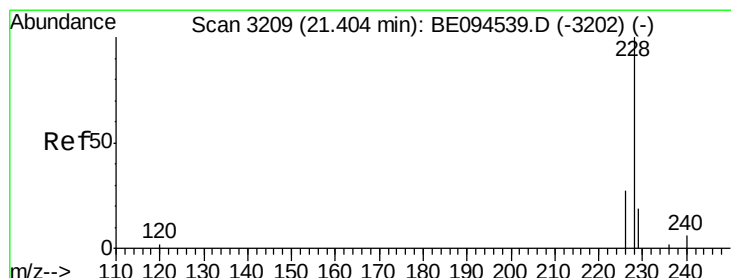
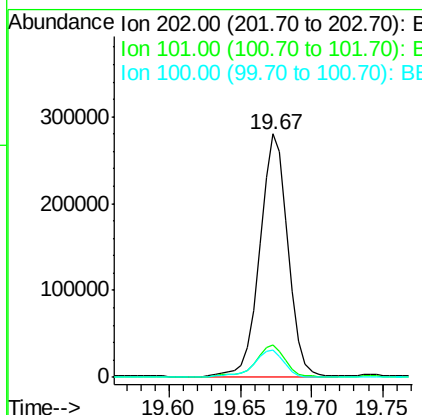
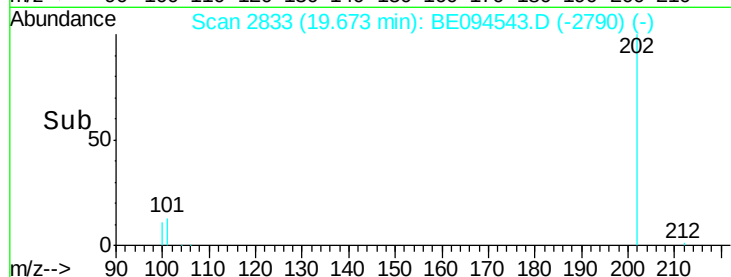
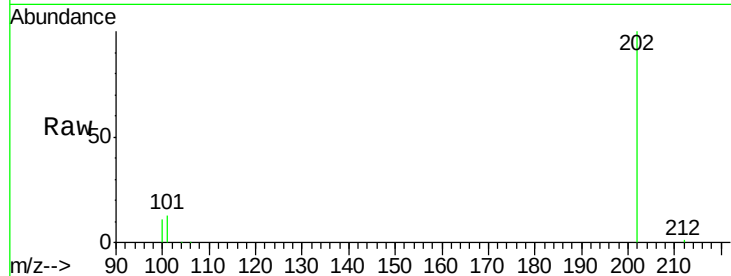
#17
Pyrene
 Concen: 12.471 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094543.D
 Acq: 25 Oct 2017 21:19

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	18.2	27.4#
100	11.4	15.6	23.4#

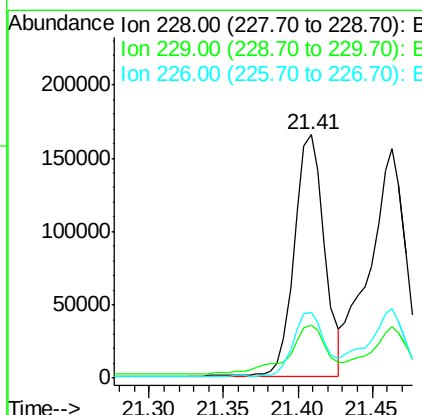
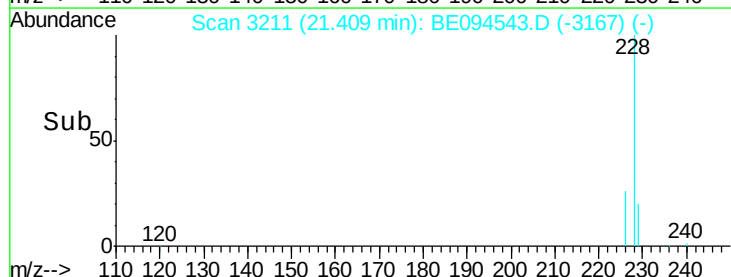
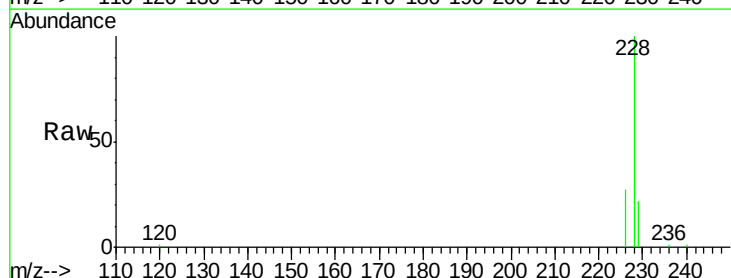
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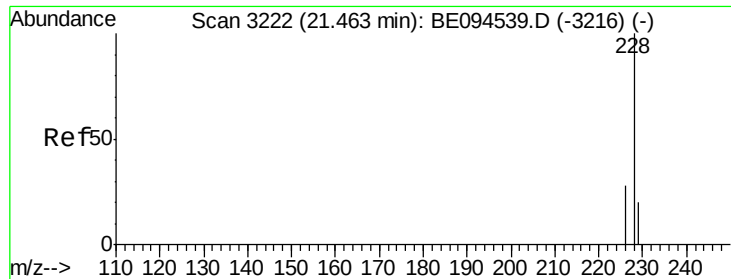
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#18
Benzo(a)anthracene
 Concen: 8.127 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: BE094543.D
 Acq: 25 Oct 2017 21:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	22.8	34.2#
226	27.1	17.0	25.6#





#19

Chrysene

Concen: 8.974 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Instrument :

BNA_E

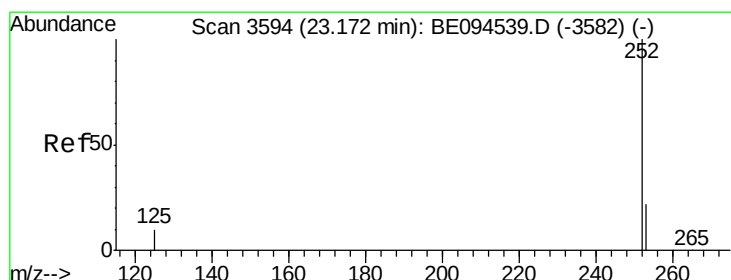
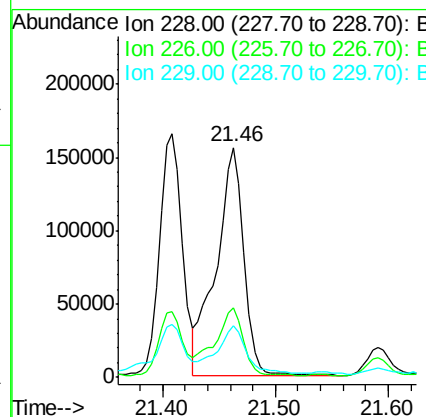
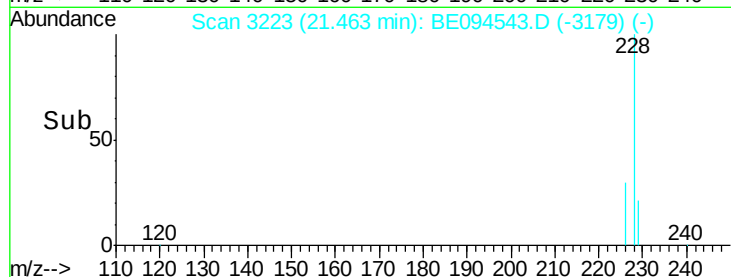
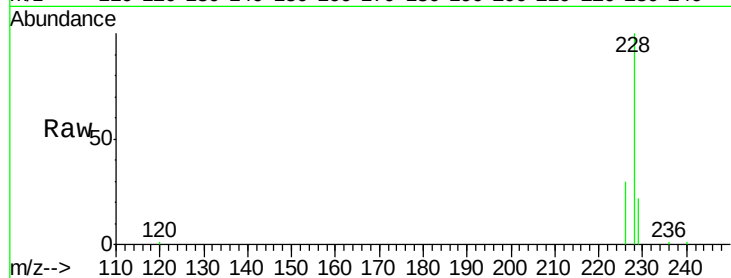
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Tgt Ion:	228	Resp:	264109
Ion Ratio		Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.639 ng/ul m

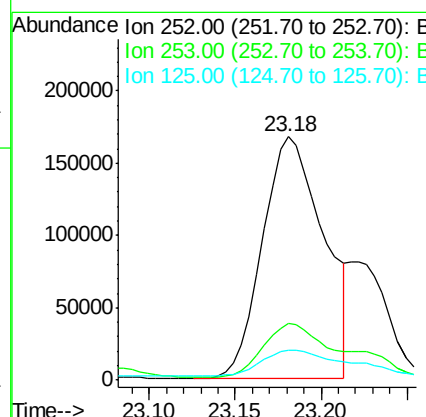
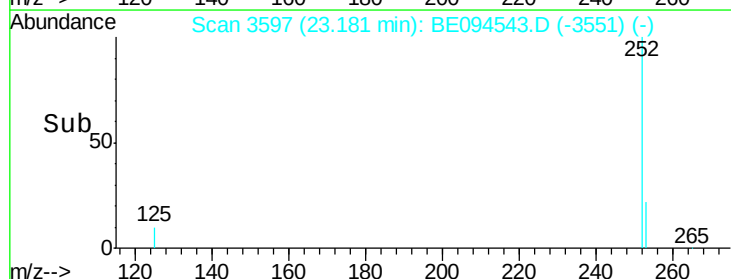
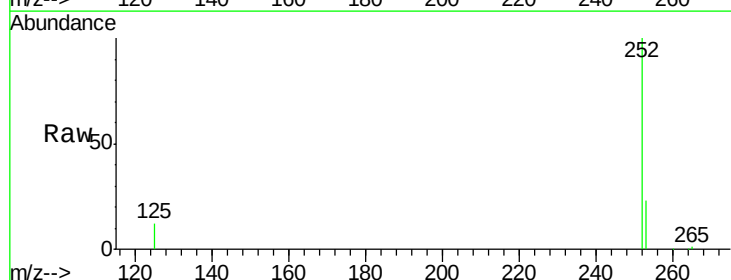
RT: 23.18 min Scan# 3597

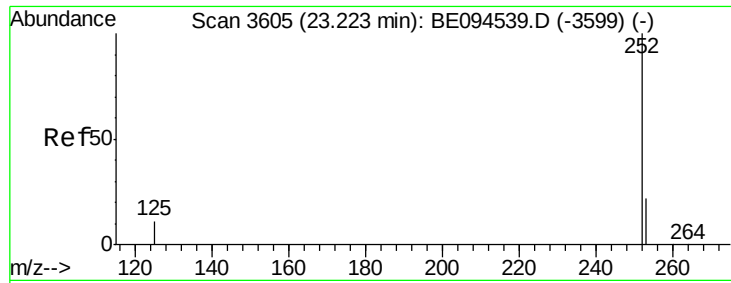
Delta R.T. 0.01 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Tgt Ion:	252	Resp:	414469
Ion Ratio		Lower	Upper
252	100		
253	23.3	0.0	64.2
125	12.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.216 ng/ul m

RT: 23.22 min Scan# 3606

Delta R.T. -0.00 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Instrument :

BNA_E

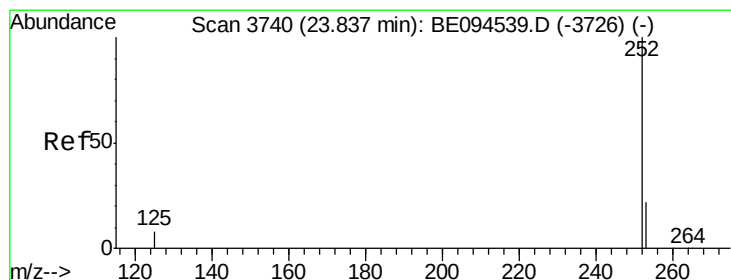
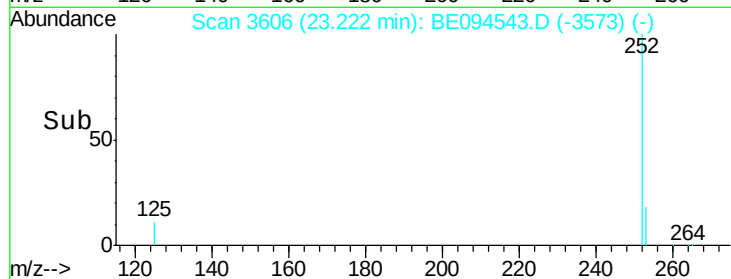
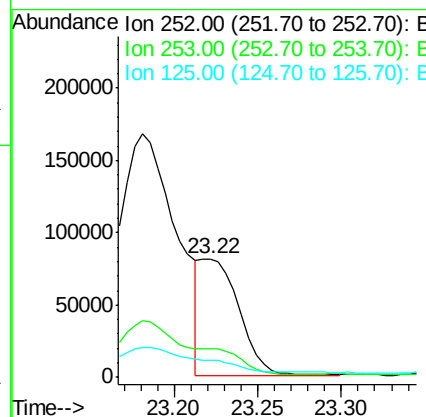
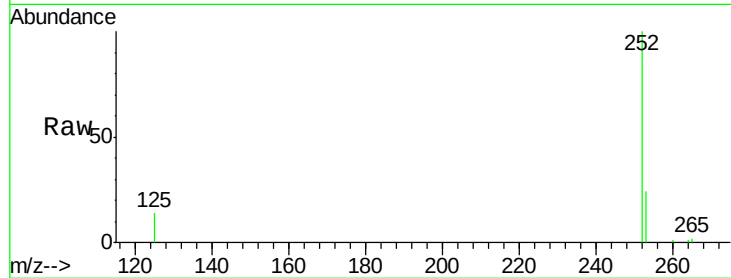
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7#
125	14.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 12.338 ng/ul

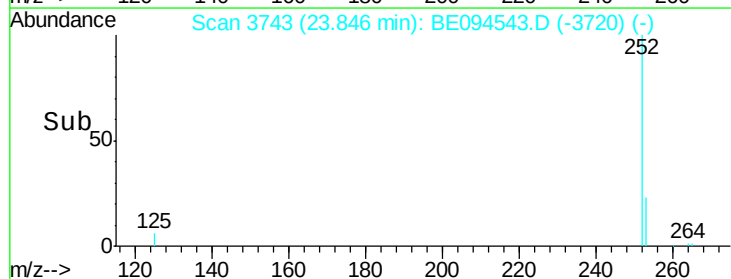
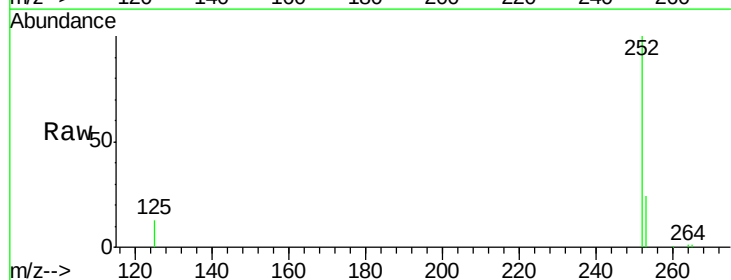
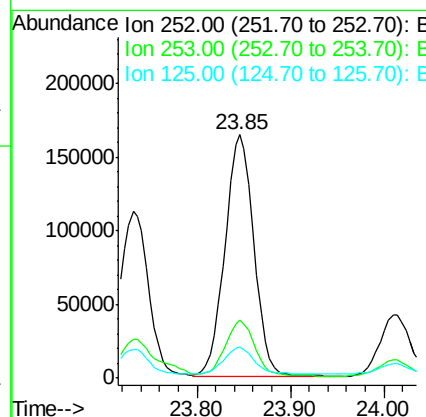
RT: 23.85 min Scan# 3743

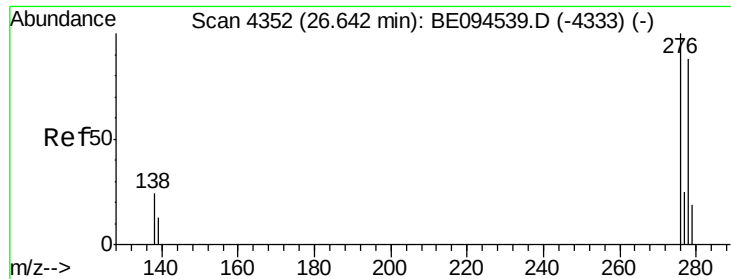
Delta R.T. 0.00 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	12.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 7.803 ng/ul

RT: 26.65 min Scan# 4356

Delta R.T. 0.01 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Instrument :

BNA_E

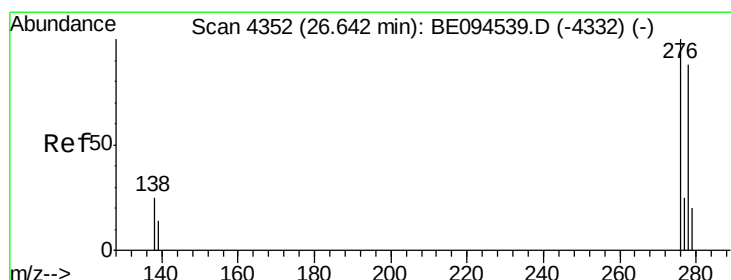
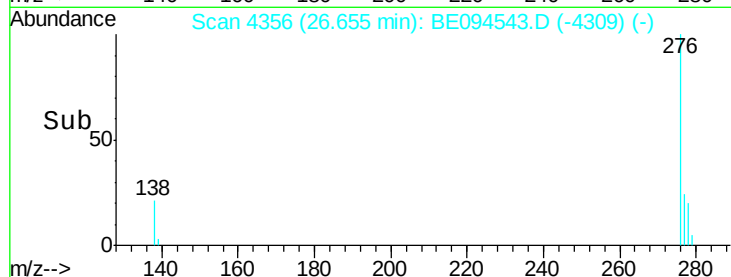
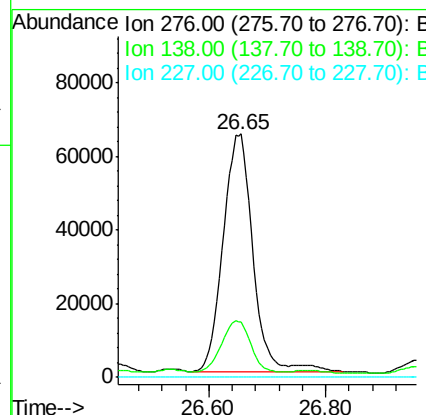
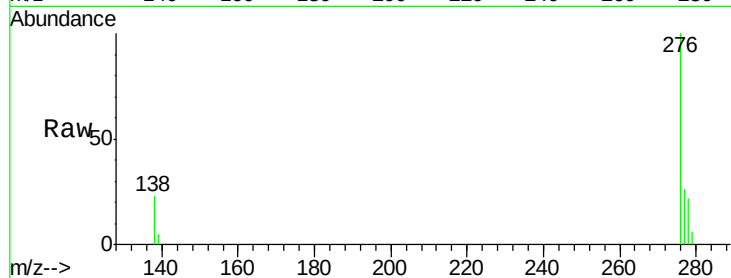
ClientSampleId :

B-32(2-4)-100417

Tgt Ion:	276	Resp:	228504
Ion Ratio	Lower	Upper	
276	100		
138	21.1	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:25 AM



#25

Dibenzo(a,h)anthracene

Concen: 2.297 ng/ul

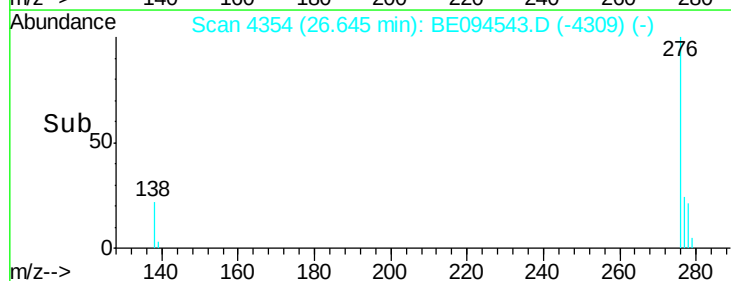
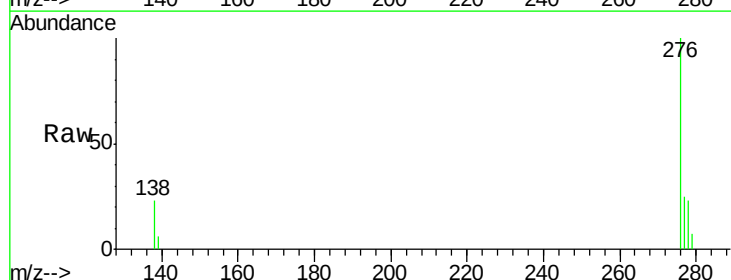
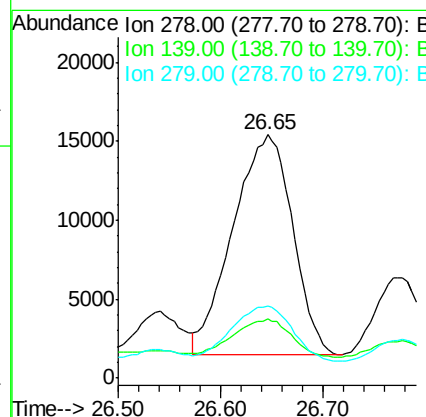
RT: 26.65 min Scan# 4354

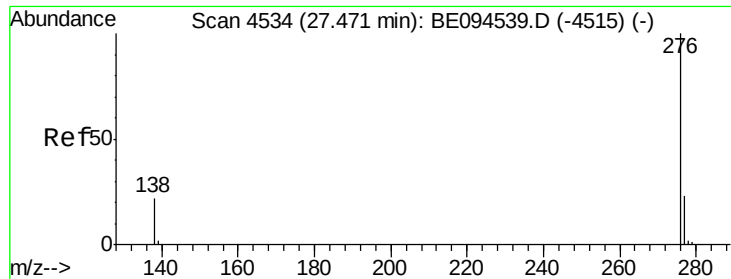
Delta R.T. 0.00 min

Lab File: BE094543.D

Acq: 25 Oct 2017 21:19

Tgt Ion:	278	Resp:	56678
Ion Ratio	Lower	Upper	
278	100		
139	24.2	17.4	26.0
279	29.7	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 8.151 ng/ul

RT: 27.48 min Scan# 4538

Delta R.T. 0.00 min

Lab File: BE094543.D

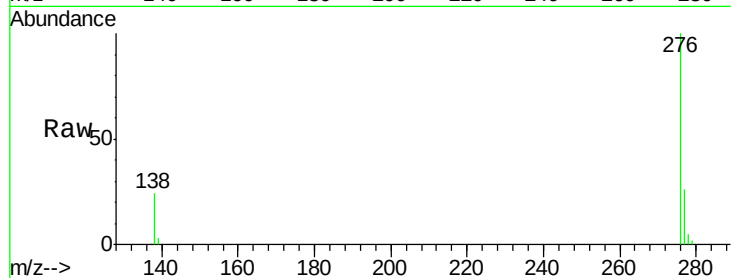
Acq: 25 Oct 2017 21:19

Instrument :

BNA_E

ClientSampleId :

B-32(2-4)-100417



Tgt Ion: 276 Resp: 191670

Ion Ratio Lower Upper

276 100

138 24.4 21.8 32.8

277 25.5 20.5 30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:25 AM

