

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094581.D
 Acq On : 27 Oct 2017 2:36
 Operator : SJ/JU
 Sample : I5719-21 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-3

Manual Integrations
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Quant Time: Oct 27 09:40:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1320	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7448	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4507	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9668	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9459	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10024	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	633	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1475	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	75387	4.140	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	29736	2.334	ng/ul	98
7) Acenaphthylene	14.24	152	3735	0.183	ng/ul#	75
8) Acenaphthene	14.57	153	56595	3.863	ng/ul	96
9) Fluorene	15.57	166	83186	5.057	ng/ul#	95
12) Phenanthrene	17.29	178	1209201	47.352	ng/ul#	86
13) Anthracene	17.38	178	354516	14.068	ng/ul#	87
15) Fluoranthene	19.32	202	1474908	49.958	ng/ul	84
17) Pyrene	19.68	202	1319644	45.128	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	665402	24.607	ng/ul#	86
19) Chrysene	21.46	228	619024	22.148	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	758345m	26.895	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	225042m	7.448	ng/ul	
23) Benzo(a)pyrene	23.85	252	523966	18.590	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.66	276	326293	11.188	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.65	278	83149	3.383	ng/ul	94
26) Benzo(g,h,i)perylene	27.50	276	257705	11.004	ng/ul	96

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

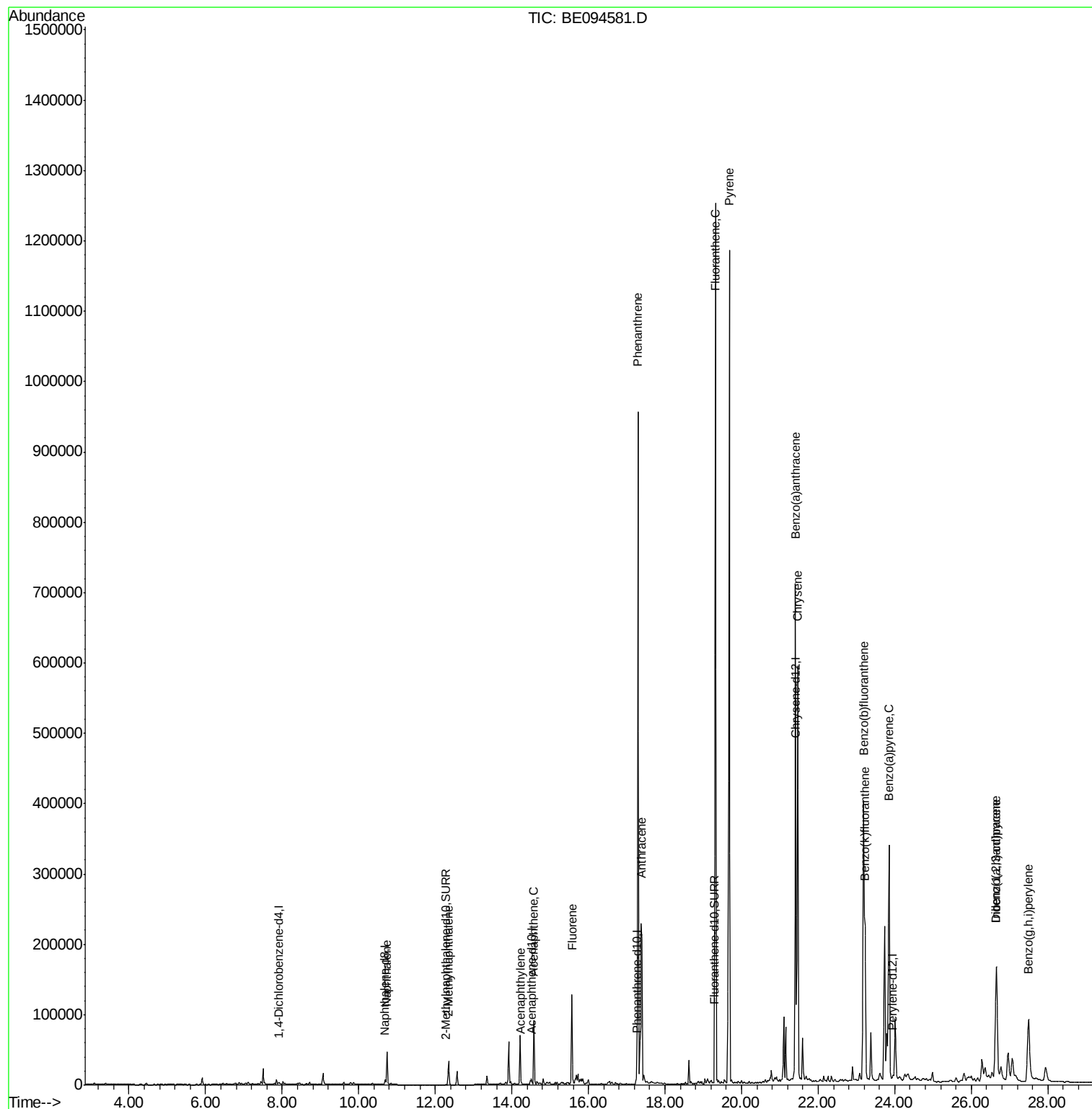
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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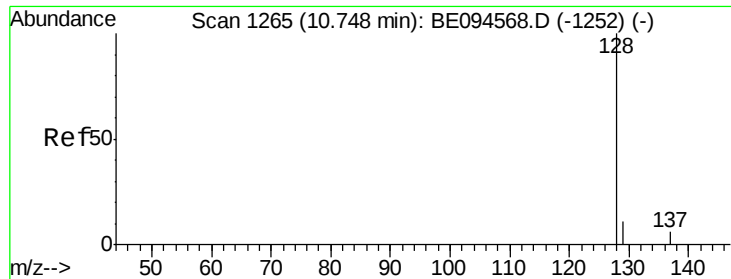
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#3

Naphthalene

Concen: 4.140 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampled :

DUP-3

Tgt Ion:128 Resp: 75387

Ion Ratio Lower Upper

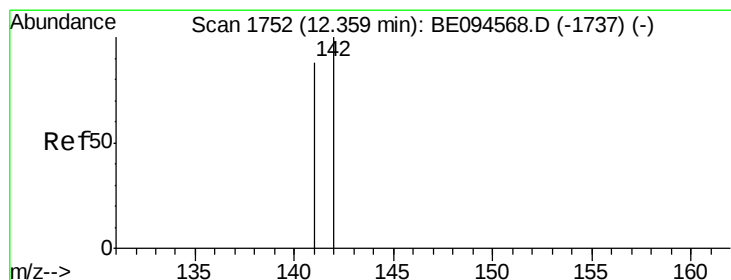
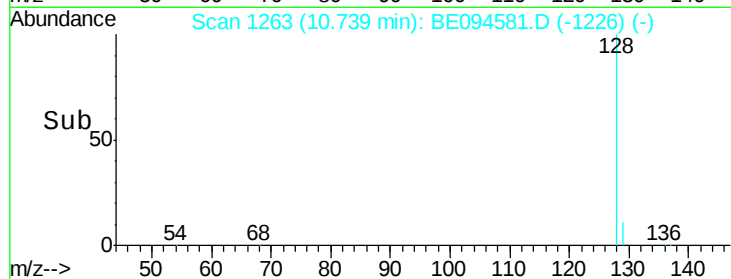
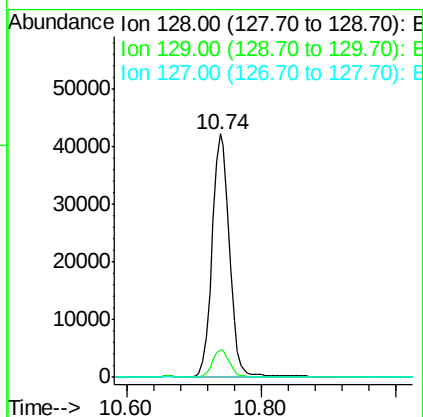
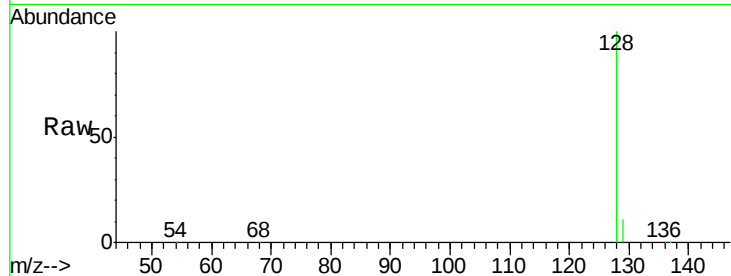
128 100

129 11.4 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 2.334 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094581.D

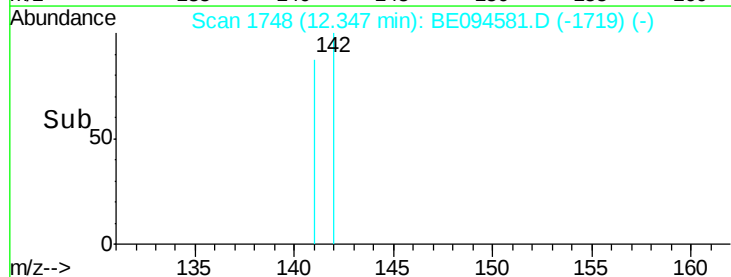
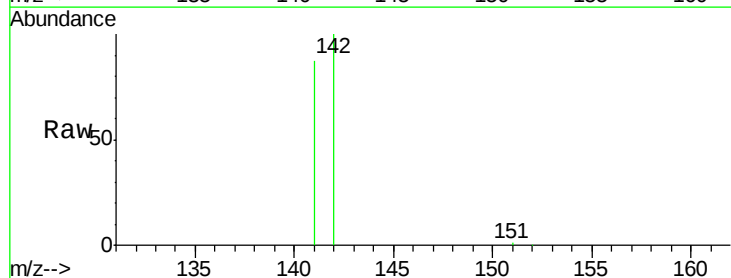
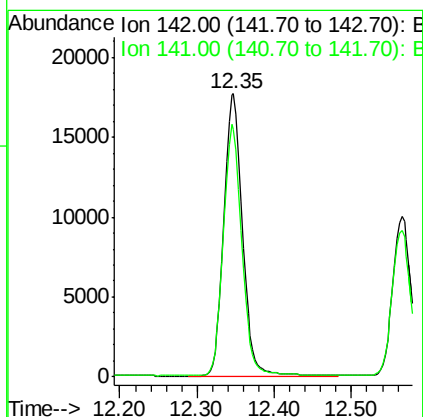
Acq: 27 Oct 2017 2:36

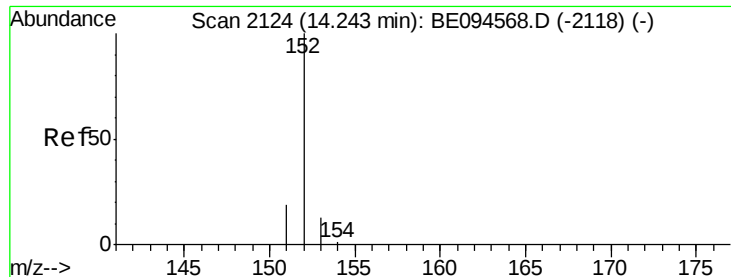
Tgt Ion:142 Resp: 29736

Ion Ratio Lower Upper

142 100

141 88.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.183 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

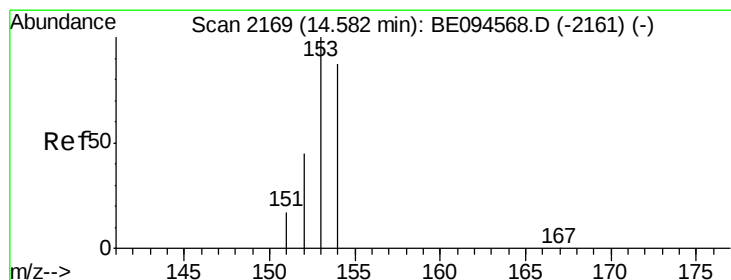
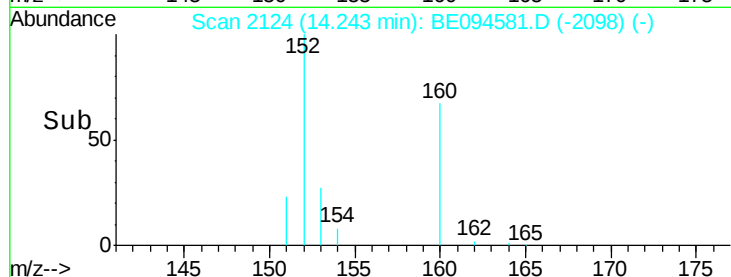
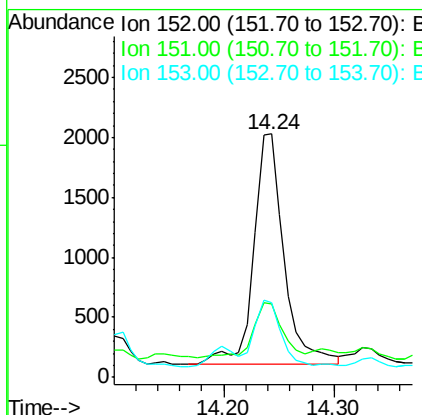
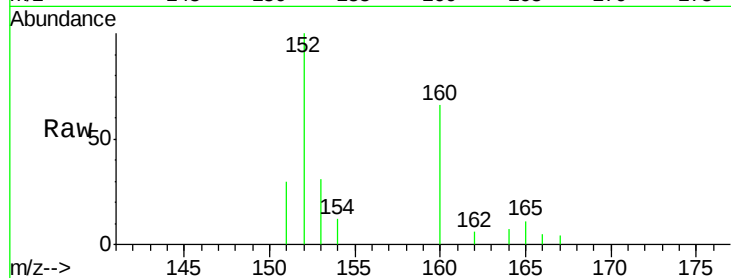
ClientSampleId :

DUP-3

Tgt Ion:	152	Resp:	3735
Ion Ratio	Lower	Upper	
152	100		
151	30.0	17.1	25.7#
153	30.6	12.8	19.2#

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#8

Acenaphthene

Concen: 3.863 ng/ul

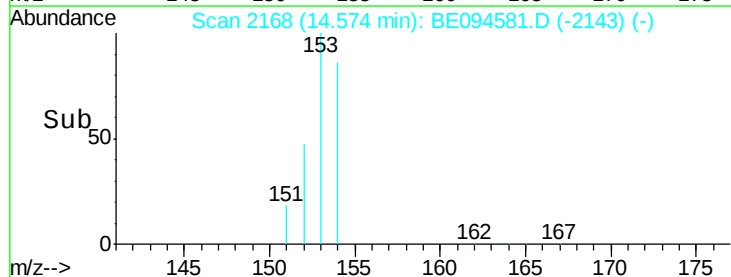
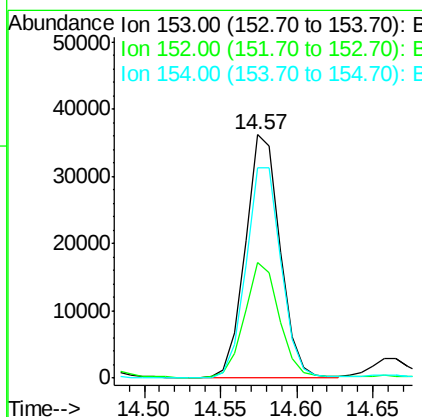
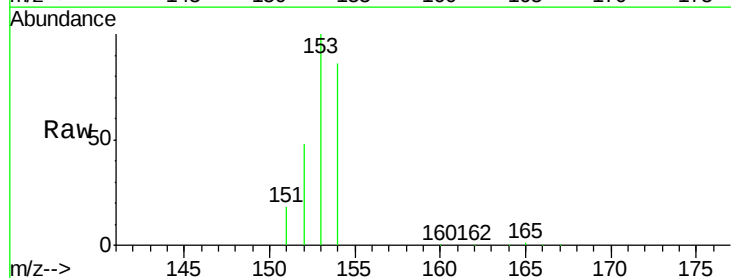
RT: 14.57 min Scan# 2168

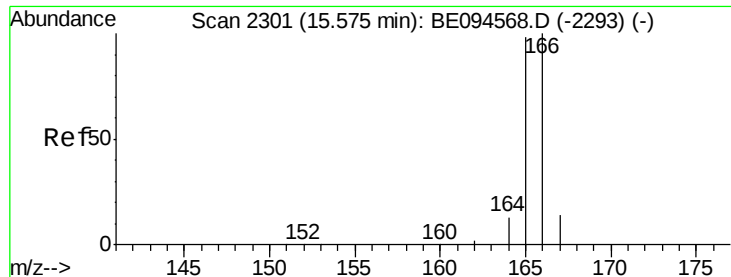
Delta R.T. -0.01 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Tgt Ion:	153	Resp:	56595
Ion Ratio	Lower	Upper	
153	100		
152	47.7	36.0	54.0
154	86.5	72.0	108.0





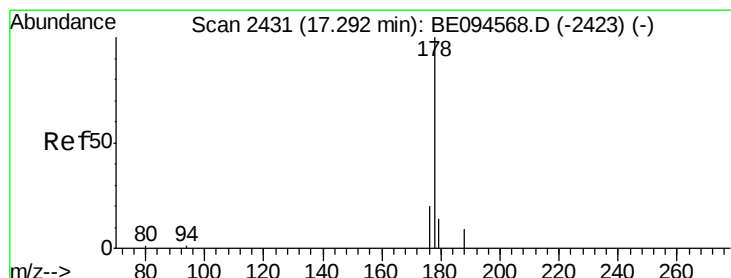
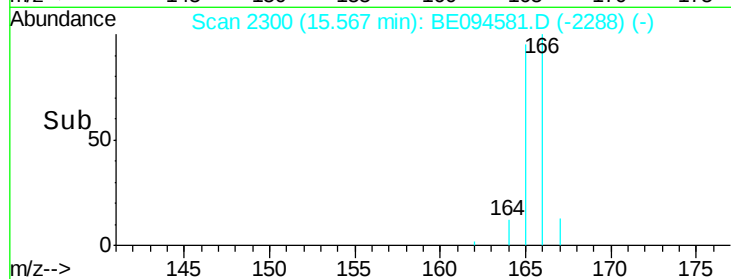
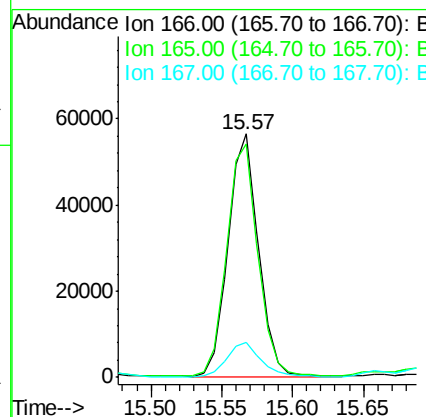
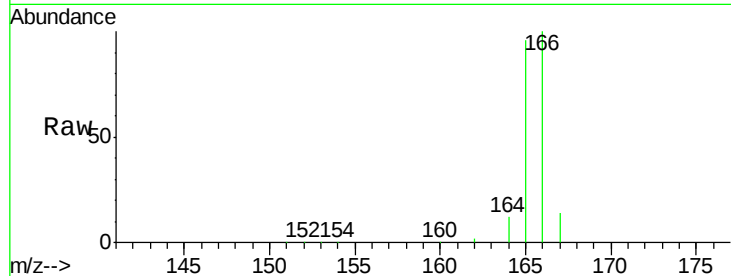
#9
Fluorene
 Concen: 5.057 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	73.4	110.2
167	14.5	14.6	22.0

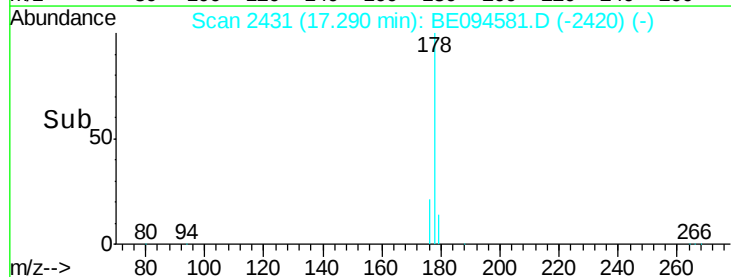
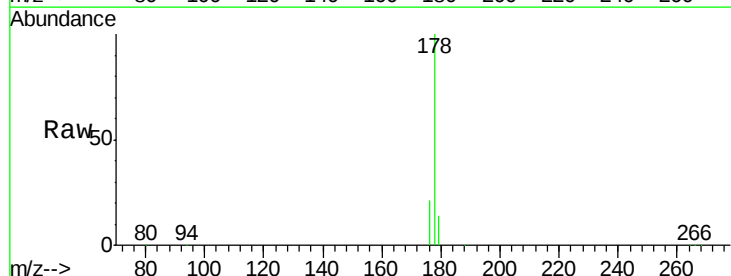
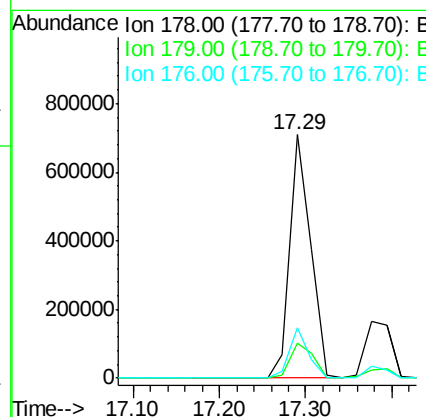
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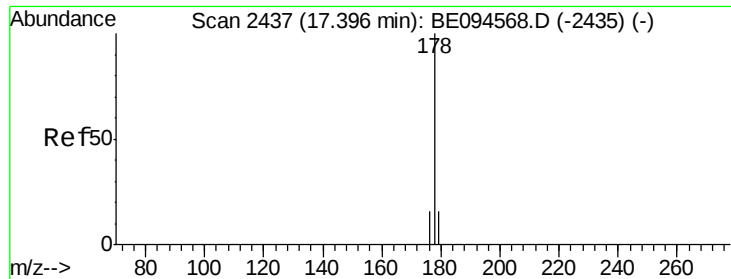
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#12
Phenanthrene
 Concen: 47.352 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.4	27.6
176	20.6	13.6	20.4





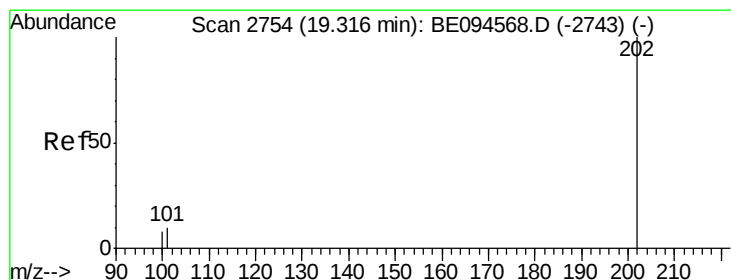
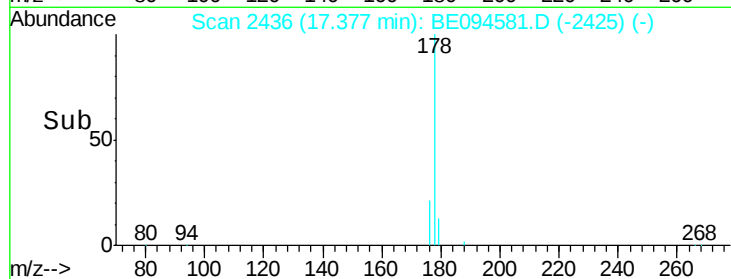
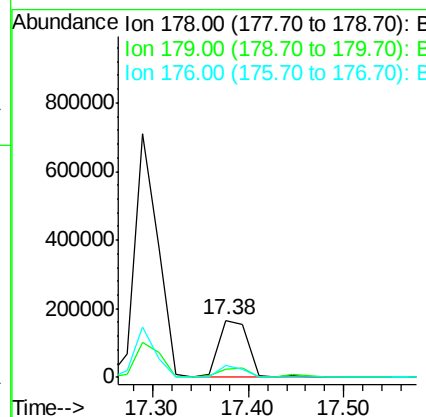
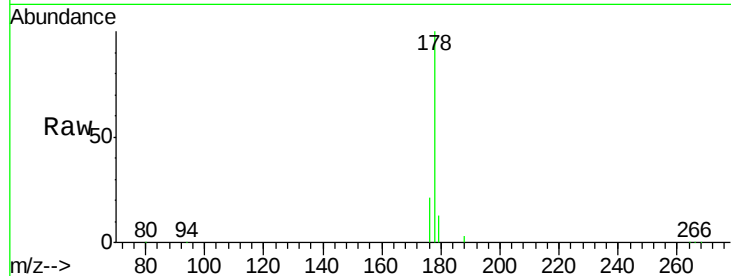
#13
 Anthracene
 Concen: 14.068 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Instrument :
 BNA_E
 ClientSampled :
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Tgt Ion:178 Resp: 354516
 Ion Ratio Lower Upper
 178 100
 179 13.4 18.1 27.1#
 176 21.3 14.7 22.1

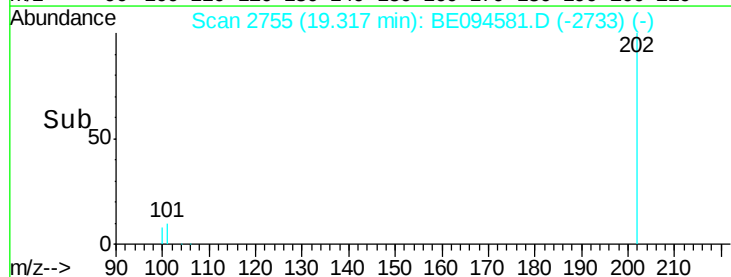
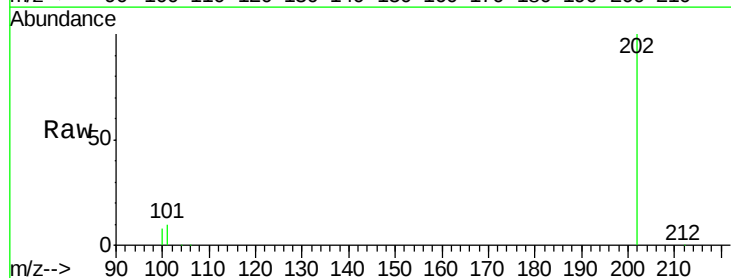
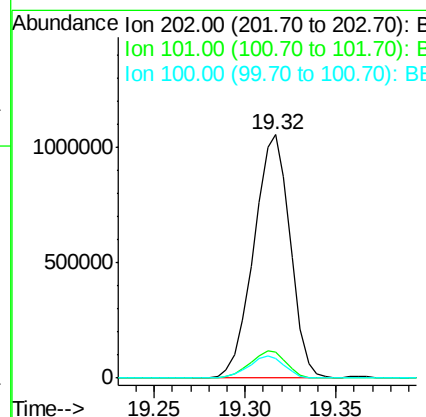
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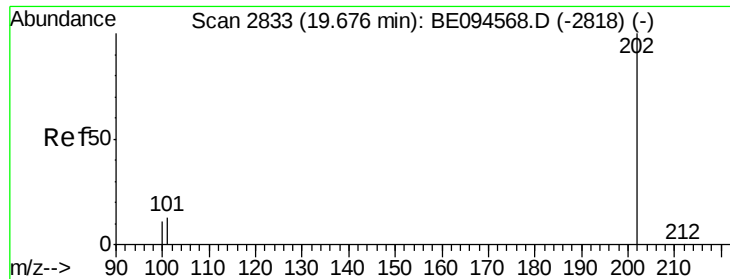
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#15
 Fluoranthene
 Concen: 49.958 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Tgt Ion:202 Resp: 1474908
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 30.3
 100 8.2 0.0 39.5





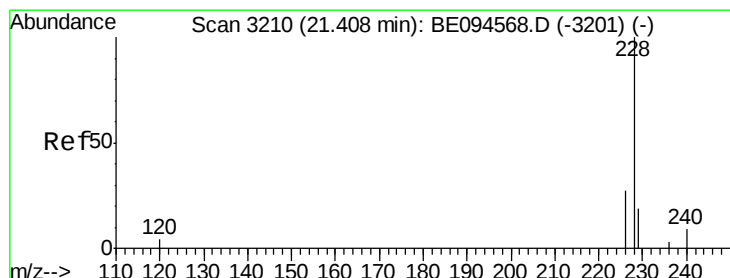
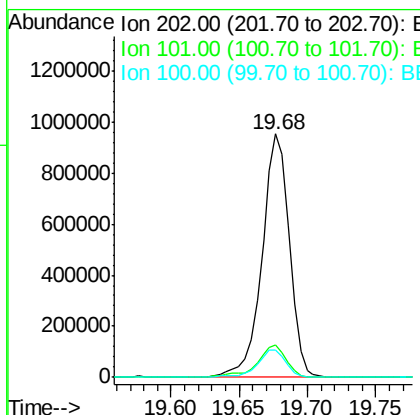
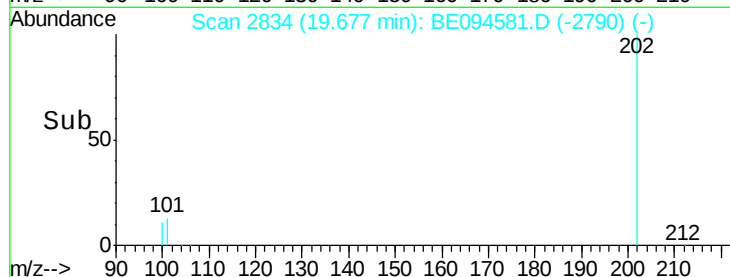
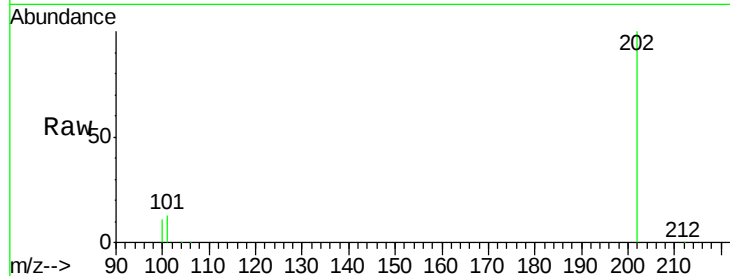
#17
Pyrene
 Concen: 45.128 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Instrument :
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 ClientSampleId :
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Tgt Ion: 202 Resp: 1319644
 Ion Ratio Lower Upper
 202 100
 101 13.1 18.2 27.4#
 100 11.1 15.6 23.4#

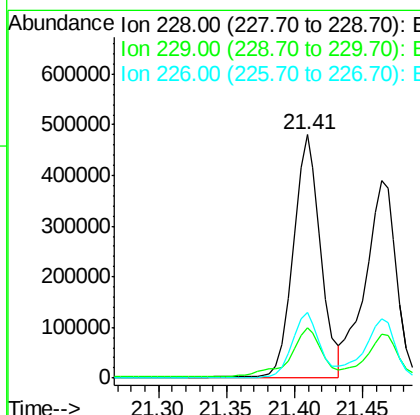
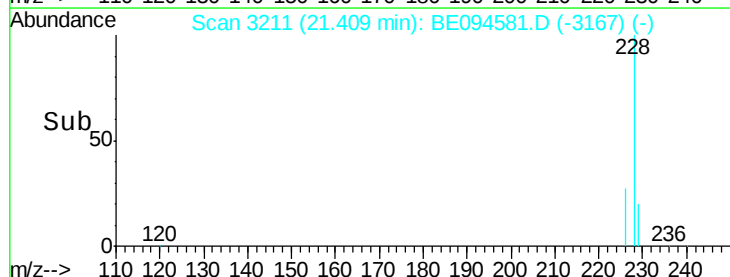
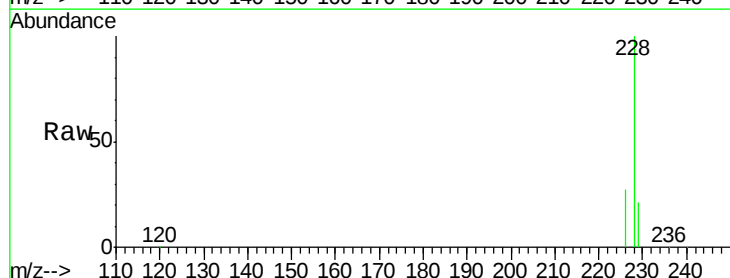
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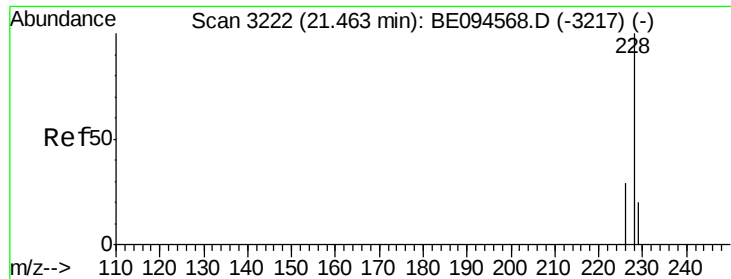
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#18
Benzo(a)anthracene
 Concen: 24.607 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Tgt Ion: 228 Resp: 665402
 Ion Ratio Lower Upper
 228 100
 229 20.7 22.8 34.2#
 226 27.0 17.0 25.6#



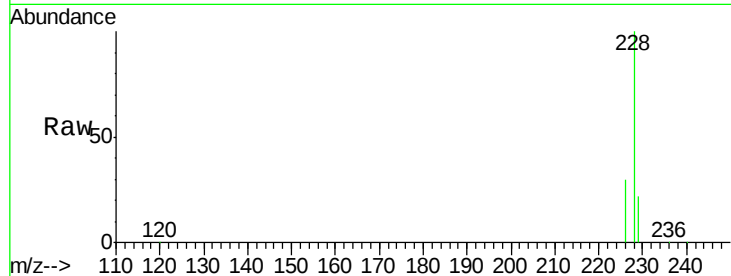


#19

Chrysene

Concen: 22.148 ng/ul
 RT: 21.46 min Scan# 3223
 Delta R.T. 0.00 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

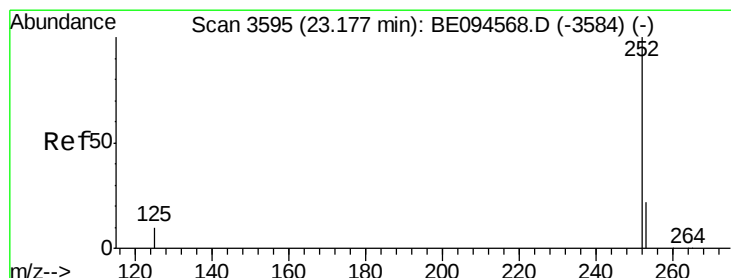
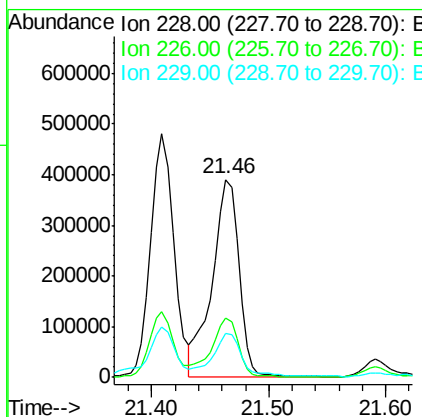
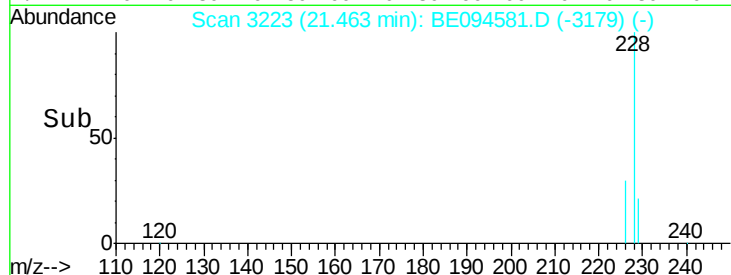
Instrument :
 BNA_E
 ClientSampleId :
 DUP-3



Tgt Ion: 228 Resp: 619024
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 21.9 17.7 26.5

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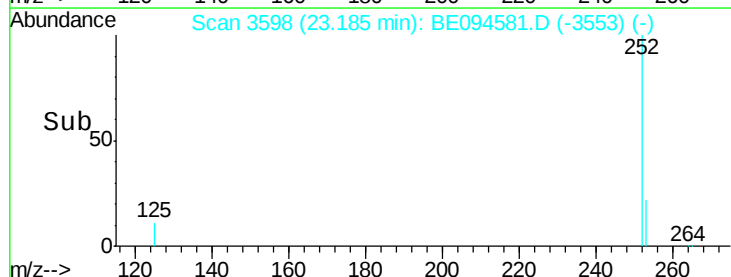
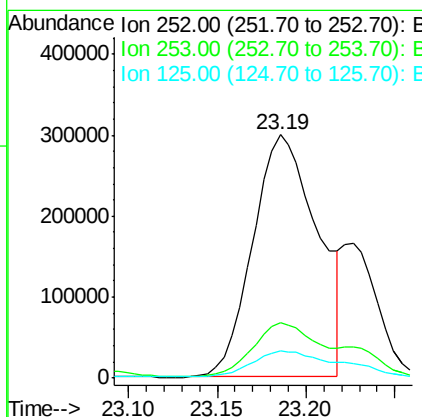
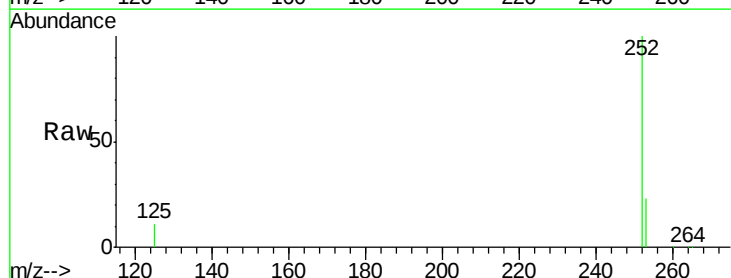


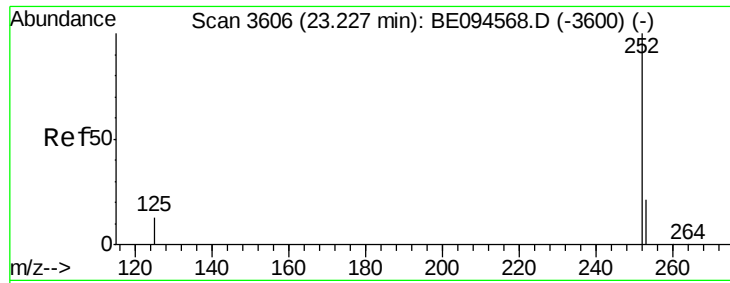
#21

Benzo(b)fluoranthene

Concen: 26.895 ng/ul m
 RT: 23.19 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Tgt Ion: 252 Resp: 758345
 Ion Ratio Lower Upper
 252 100
 253 22.7 0.0 64.2
 125 11.1 0.0 35.0





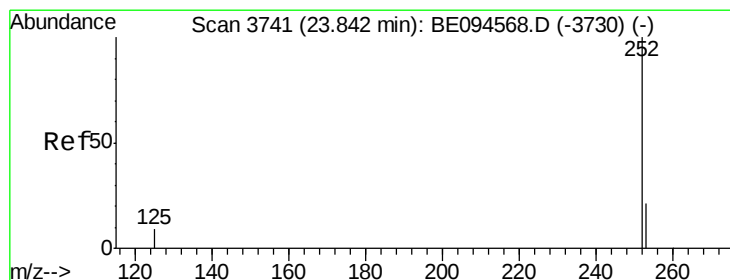
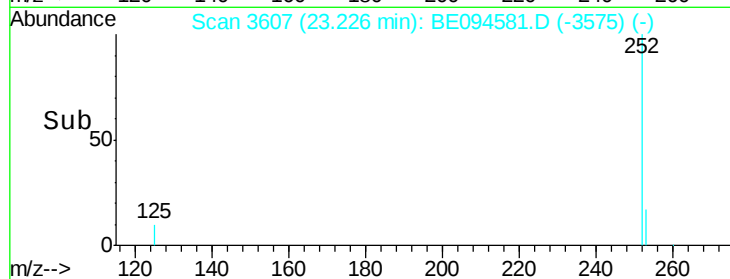
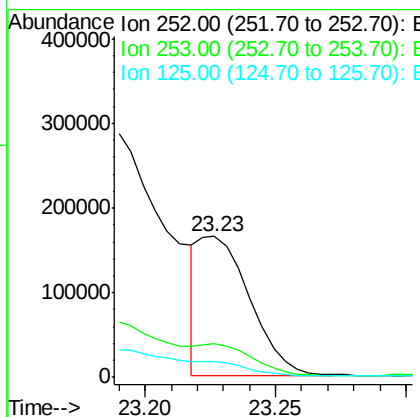
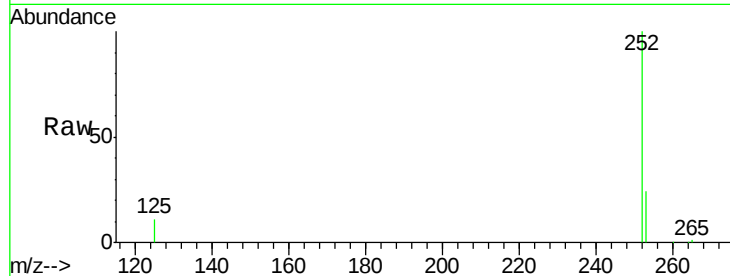
#22
Benzo(k)fluoranthene
Concen: 7.448 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.00 min
Lab File: BE094581.D
Acq: 27 Oct 2017 2:36

Instrument :
BNA_E
ClientSampleId :
DUP-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	24.5	36.7#
125	11.1	13.7	20.5#

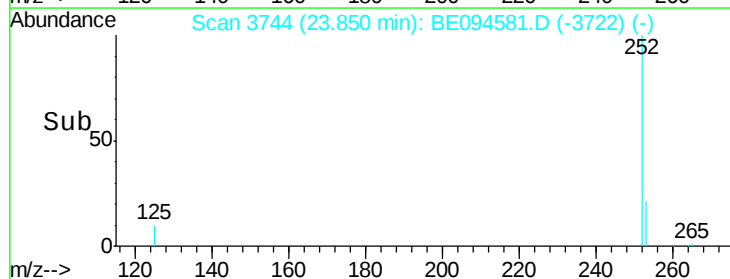
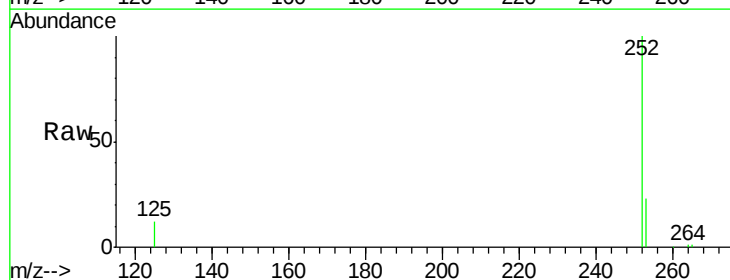
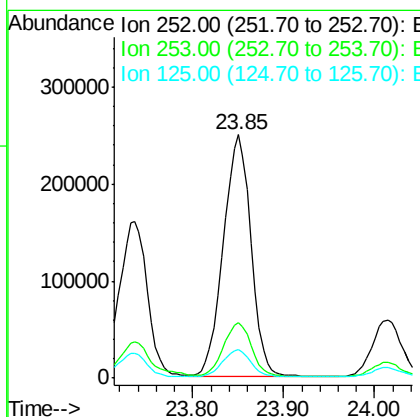
Manual Integrations
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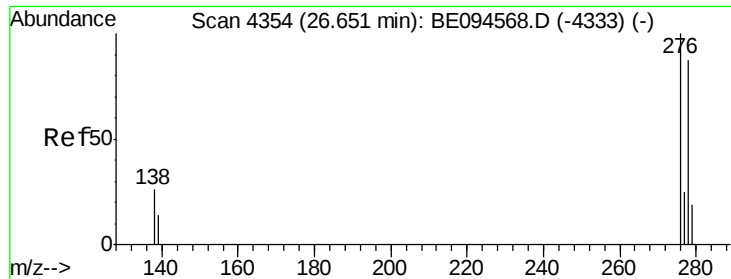
Sohil
10/27/2017 5:35:53 PM



#23
Benzo(a)pyrene
Concen: 18.590 ng/ul
RT: 23.85 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BE094581.D
Acq: 27 Oct 2017 2:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	28.5	42.7#
125	11.7	18.1	27.1#





#24

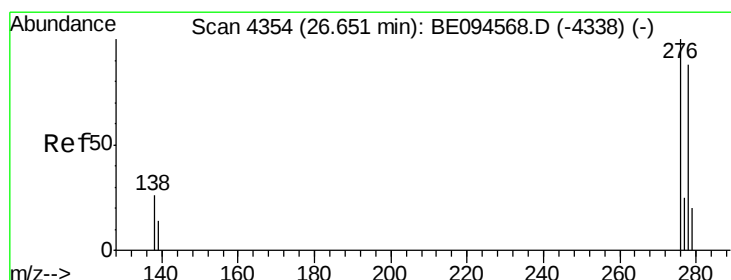
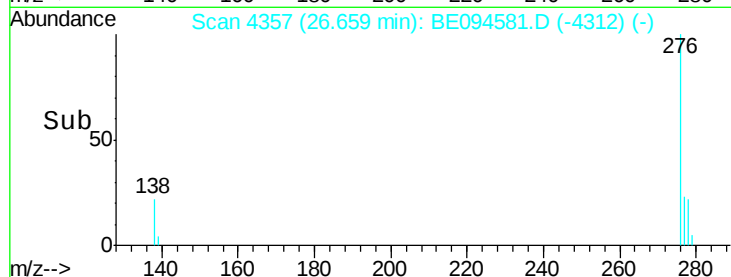
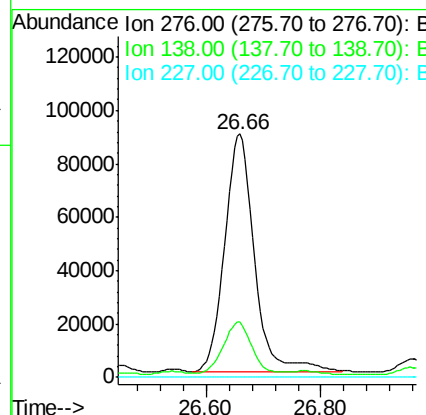
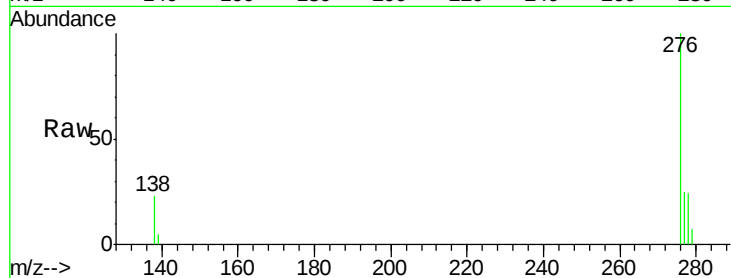
Indeno(1,2,3-cd)pyrene
Concen: 11.188 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BE094581.D
Acq: 27 Oct 2017 2:36

Instrument :
BNA_E
ClientSampleId :
DUP-3

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	326293		
138	21.1	28.0	42.0#	
227	0.0	8.0	12.0#	

Manual Integrations
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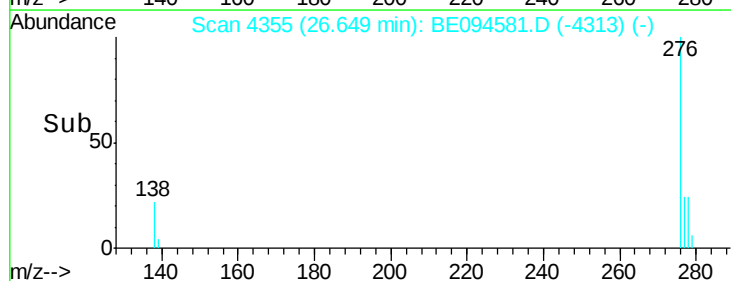
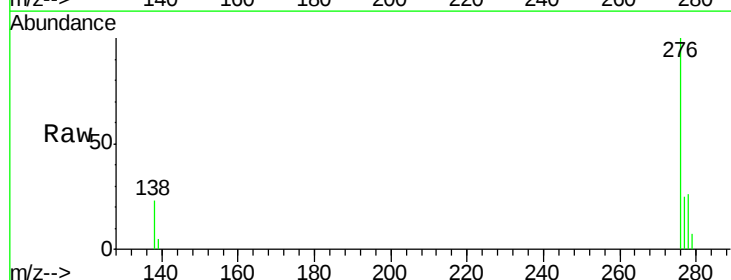
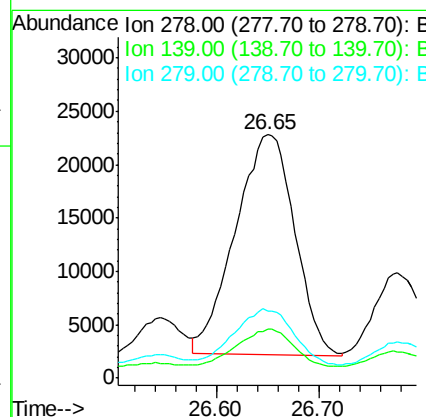
Sohil
10/27/2017 5:35:53 PM

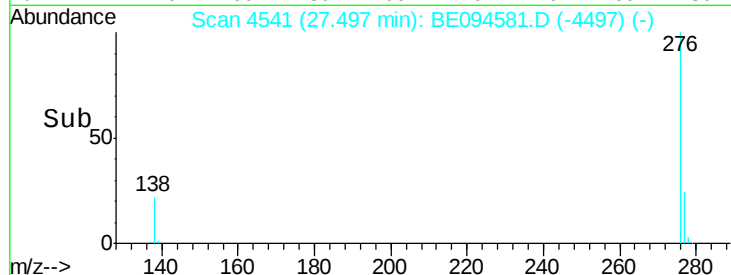
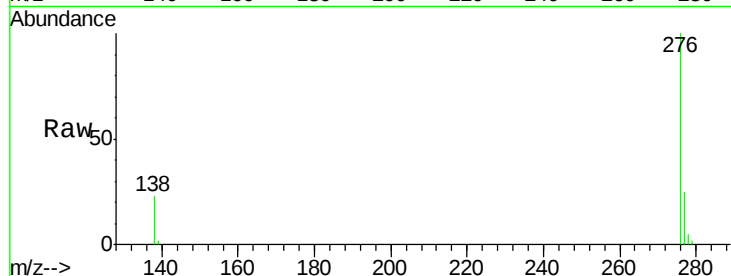
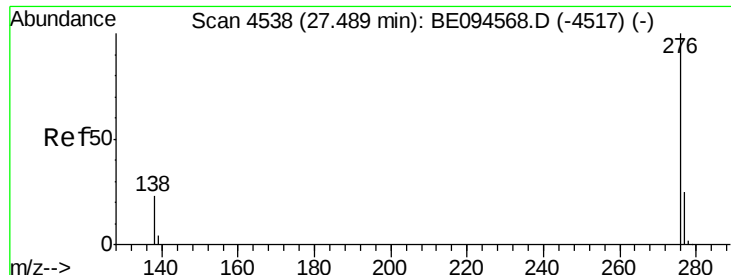


#25

Dibenzo(a,h)anthracene
Concen: 3.383 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BE094581.D
Acq: 27 Oct 2017 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	83149		
139	20.1	17.4	26.0	
279	27.7	25.9	38.9	





#26
Benzo(g,h,i)perylene
Concen: 11.004 ng/ul
RT: 27.50 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BE094581.D
Acq: 27 Oct 2017 2:36

Instrument :
BNA_E
ClientSampleId :
DUP-3

Tgt	Ion	Ratio	Resp:	Lower	Upper
276	100		257705		
138	23.2	21.8	32.8		
277	25.4	20.5	30.7		

Manual Integrations
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Sohil
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