

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094572.D
 Acq On : 26 Oct 2017 21:05
 Operator : SJ/JU
 Sample : I5786-14 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-66(2.5-4.5) 101017

Manual Integrations
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Quant Time: Oct 27 08:57:51 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	7.90	152	1208	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6916	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8943	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9222	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9554	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	702	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1787	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	4245	0.251	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	1036	0.088	ng/ul	97
7) Acenaphthylene	14.23	152	3371	0.187	ng/ul	99
8) Acenaphthene	14.57	153	1188	0.092	ng/ul#	95
9) Fluorene	15.57	166	3005	0.206	ng/ul	95
12) Phenanthrene	17.29	178	62559	2.648	ng/ul#	91
13) Anthracene	17.38	178	11997	0.515	ng/ul#	91
15) Fluoranthene	19.31	202	155852	5.707	ng/ul	83
17) Pyrene	19.67	202	149605	5.248	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	71029	2.694	ng/ul#	86
19) Chrysene	21.46	228	82425	3.025	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	107500m	4.000	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	36051m	1.252	ng/ul	
23) Benzo(a)pyrene	23.83	252	74945	2.790	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.64	276	52475	1.888	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	12597	0.538	ng/ul#	93
26) Benzo(g,h,i)perylene	27.47	276	42556	1.907	ng/ul	97

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

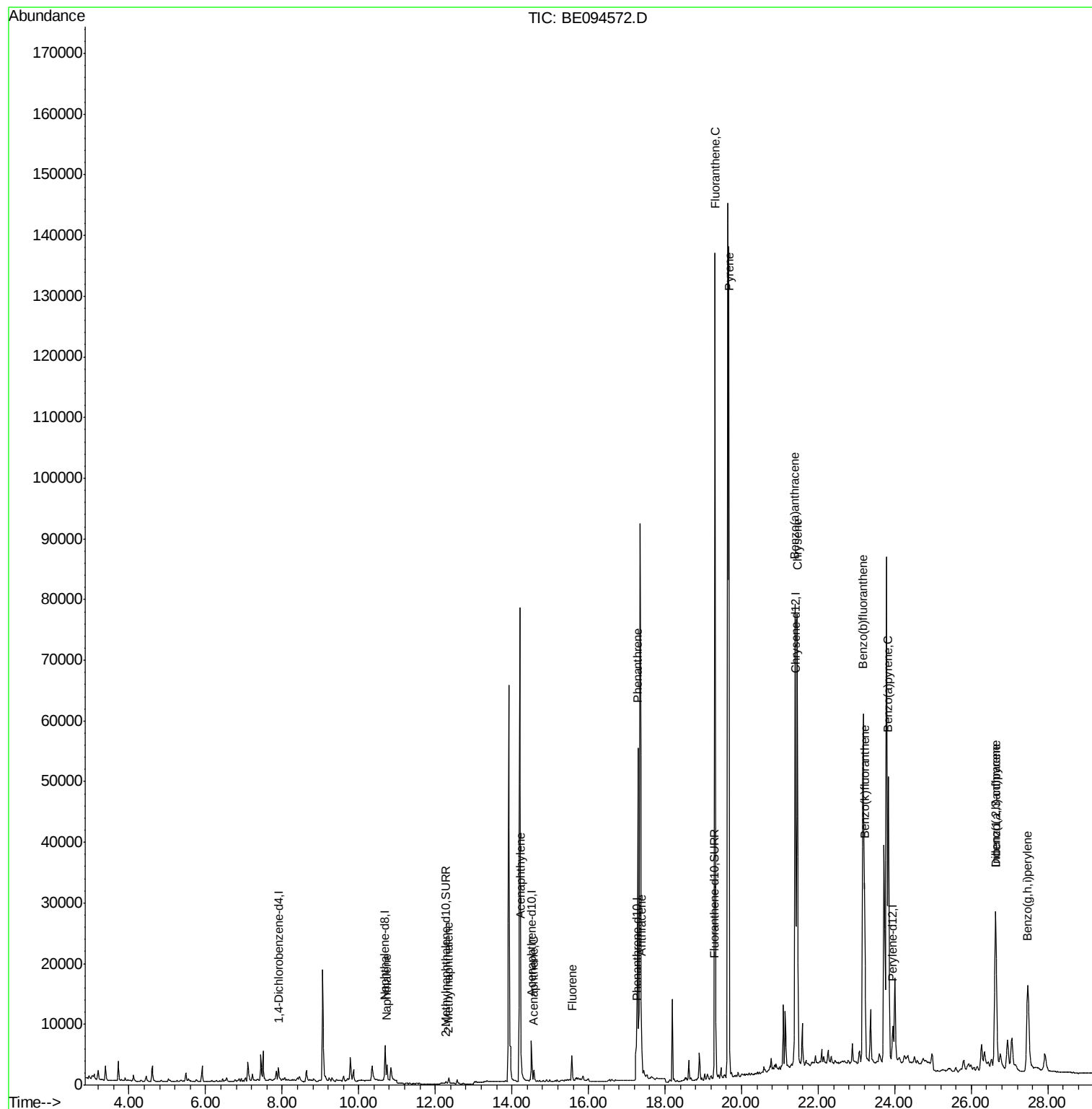
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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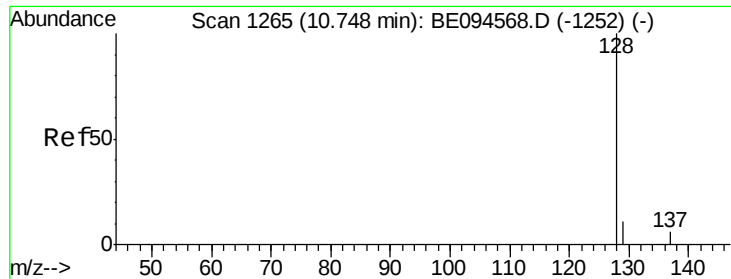
Instrument :
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B-66(2.5-4.5) 101017

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#3

Naphthalene

Concen: 0.251 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

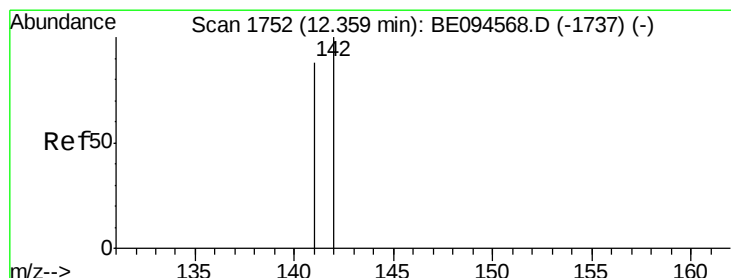
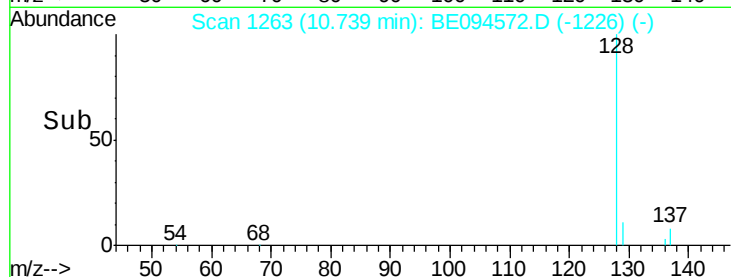
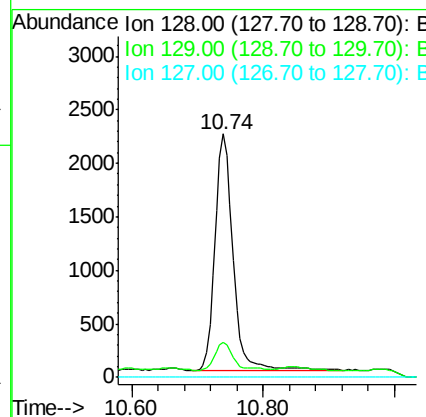
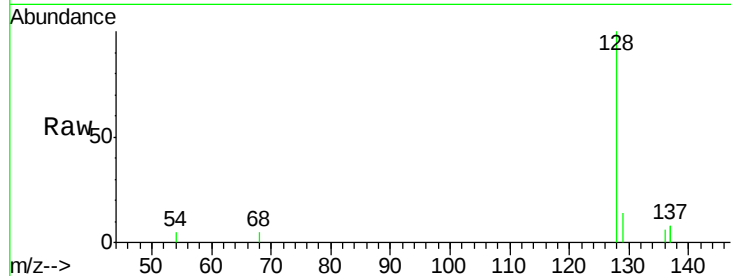
ClientSampleId :

B-66(2.5-4.5) 101017

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.088 ng/ul

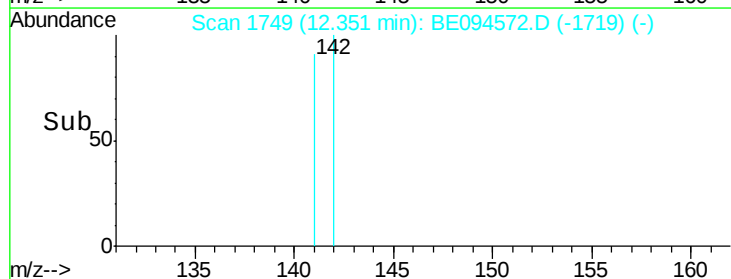
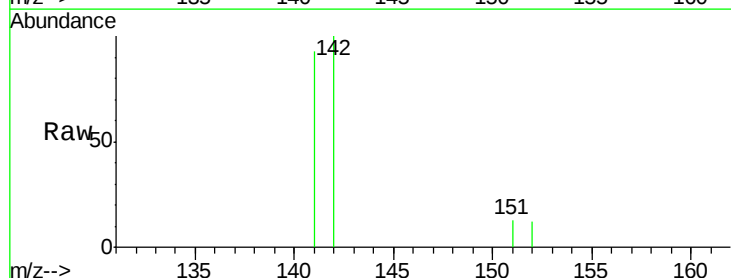
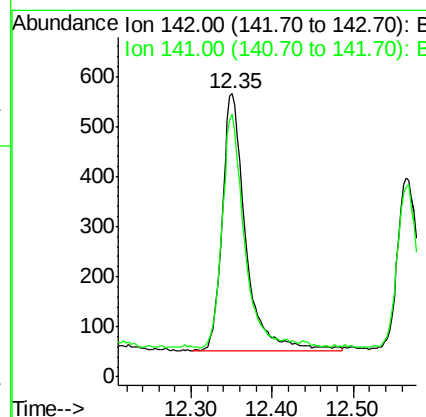
RT: 12.35 min Scan# 1749

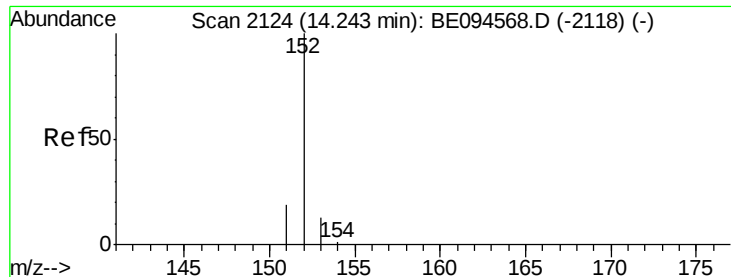
Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

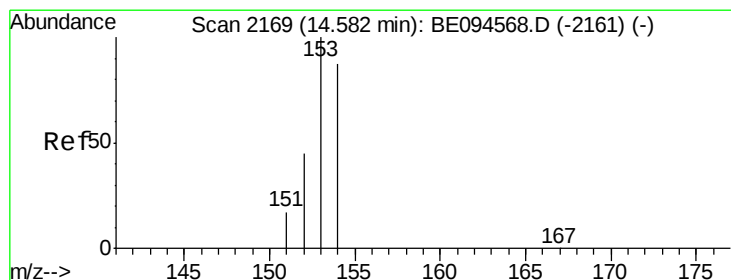
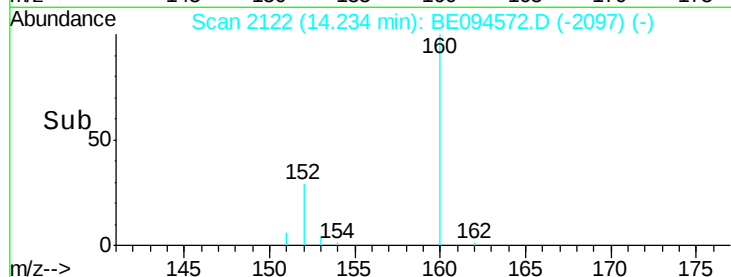
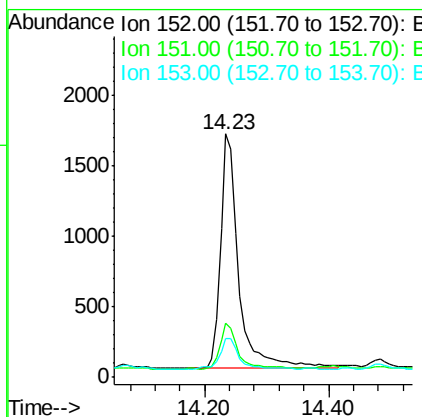
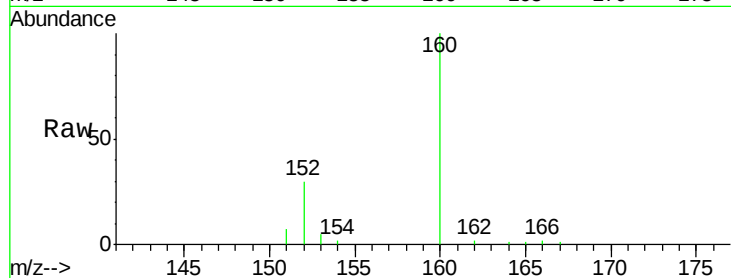
ClientSampleId :

B-66(2.5-4.5) 101017

Tgt Ion:	152	Resp:	3371
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.1	25.7
153	16.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.092 ng/ul

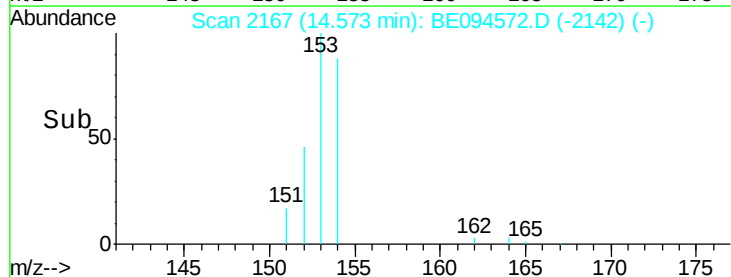
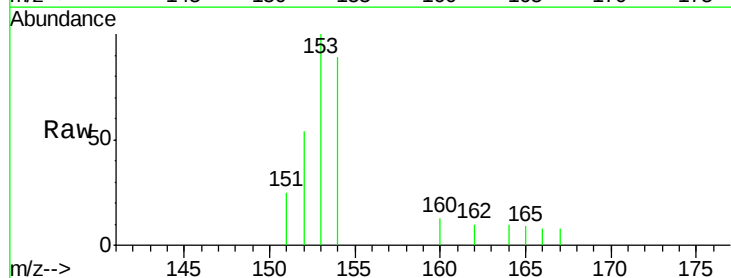
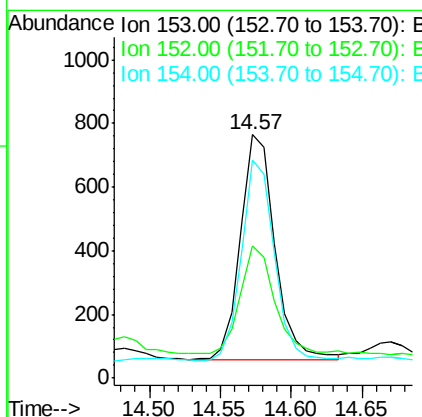
RT: 14.57 min Scan# 2167

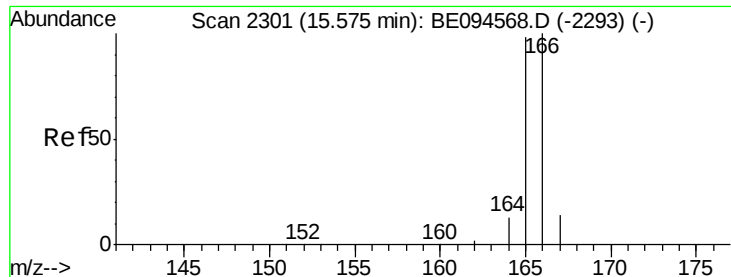
Delta R.T. -0.02 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Tgt Ion:	153	Resp:	1188
Ion Ratio	Lower	Upper	
153	100		
152	54.4	36.0	54.0#
154	89.3	72.0	108.0





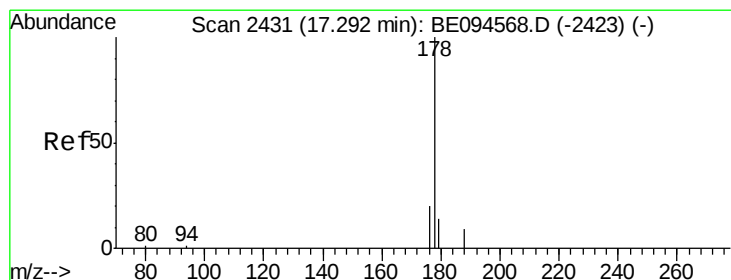
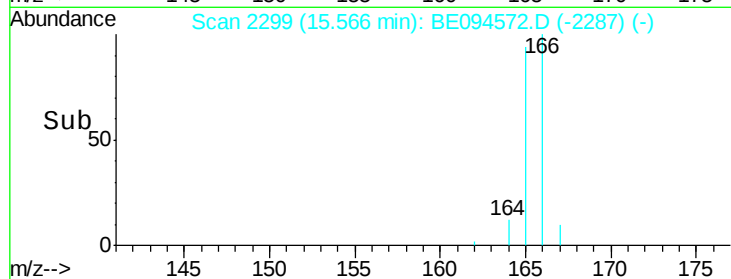
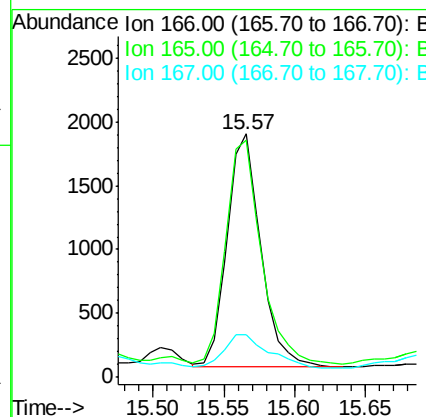
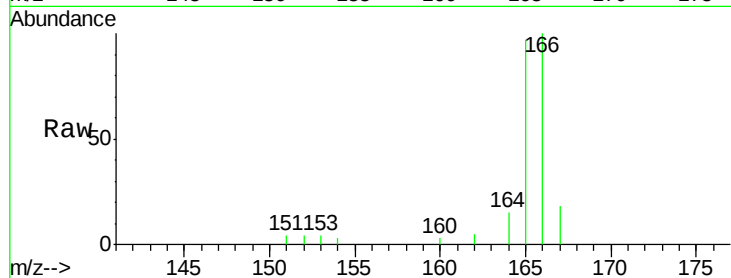
#9
Fluorene
 Concen: 0.206 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094572.D
 Acq: 26 Oct 2017 21:05

Instrument :
 BNA_E
 ClientSampleId :
 B-66(2.5-4.5)_101017

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	73.4	110.2
167	17.6	14.6	22.0

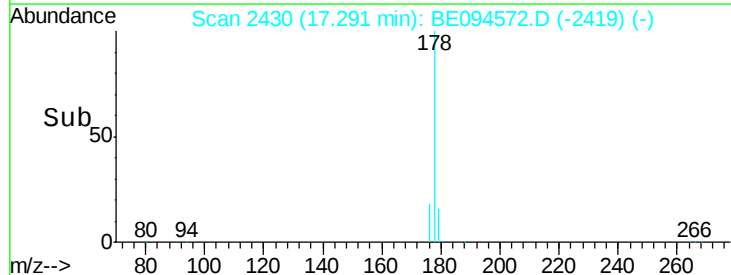
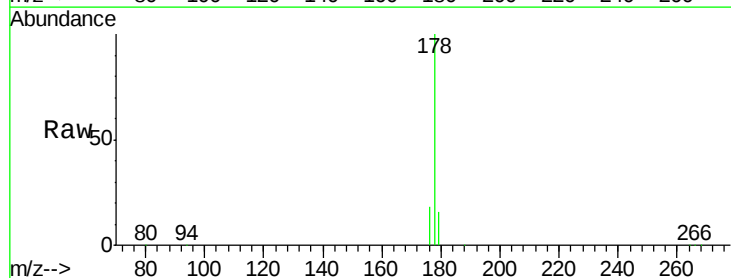
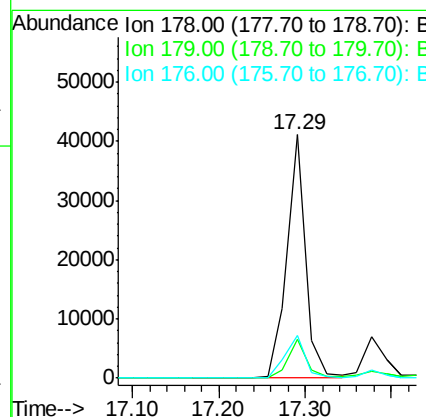
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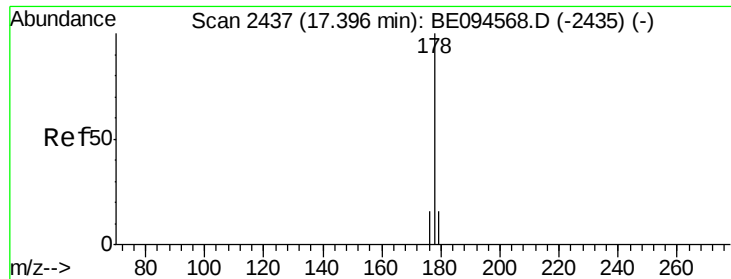
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#12
Phenanthrene
 Concen: 2.648 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094572.D
 Acq: 26 Oct 2017 21:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	17.7	13.6	20.4





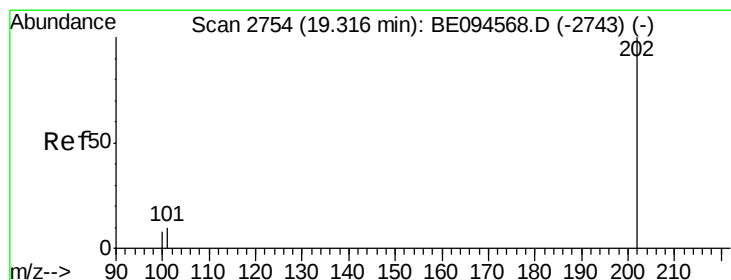
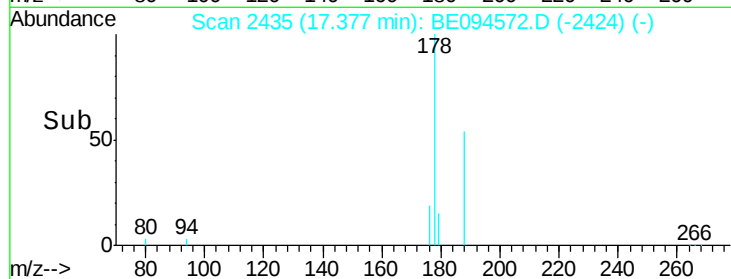
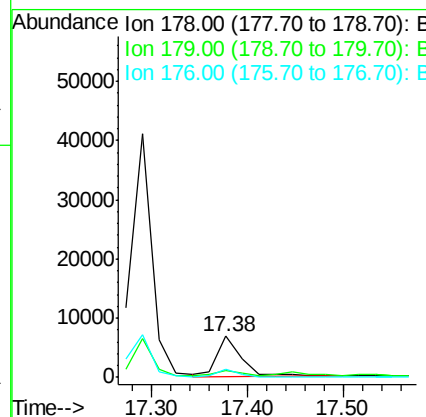
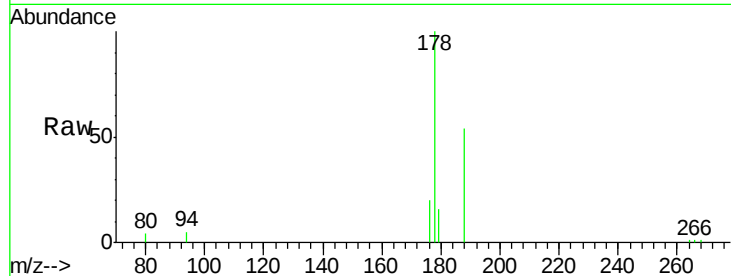
#13
 Anthracene
 Concen: 0.515 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094572.D
 Acq: 26 Oct 2017 21:05

Instrument :
 BNA_E
 ClientSampleId :
 B-66(2.5-4.5) 101017

Tgt Ion:178 Resp: 11997
 Ion Ratio Lower Upper
 178 100
 179 16.1 18.1 27.1#
 176 19.9 14.7 22.1

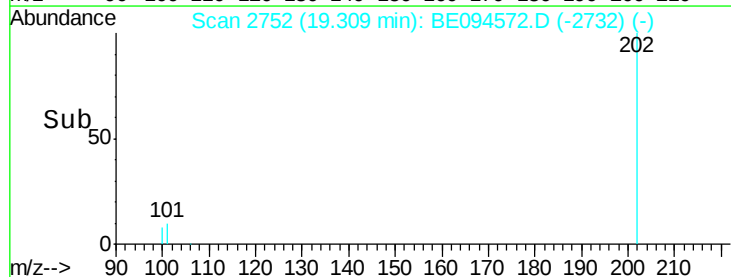
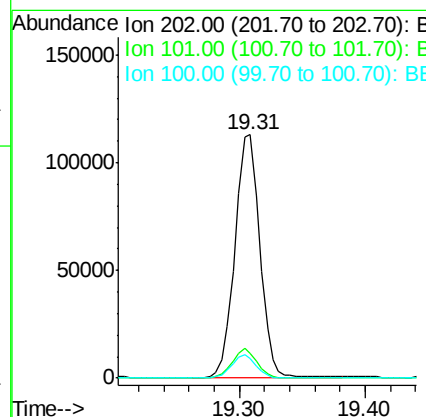
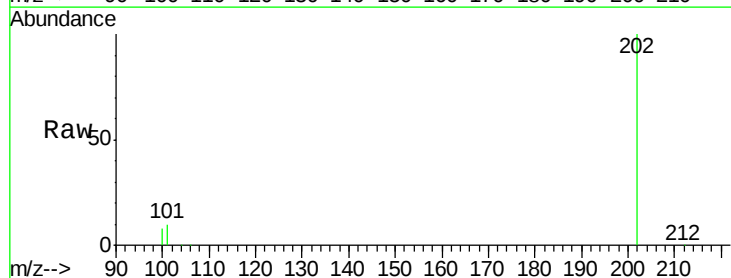
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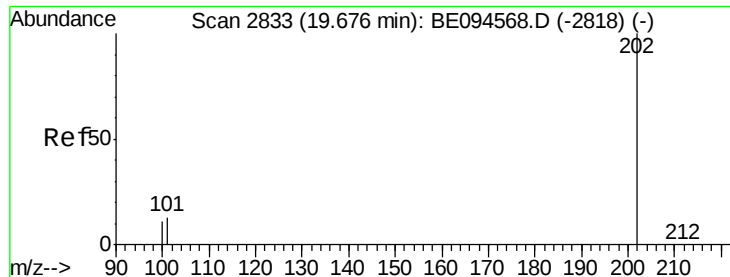
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#15
 Fluoranthene
 Concen: 5.707 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094572.D
 Acq: 26 Oct 2017 21:05

Tgt Ion:202 Resp: 155852
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 30.3
 100 7.8 0.0 39.5





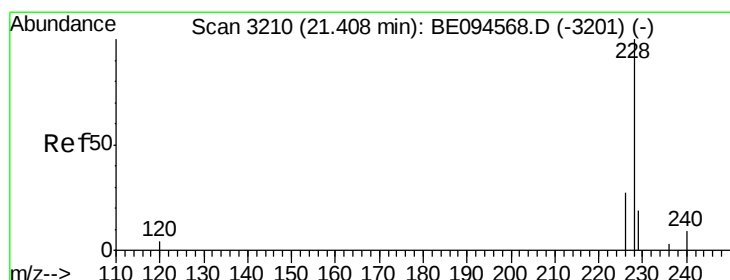
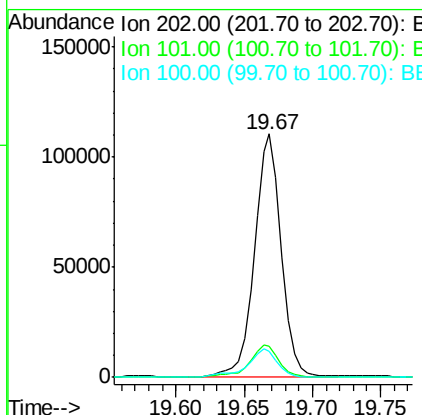
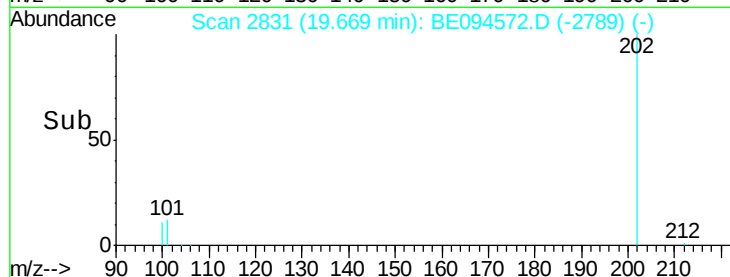
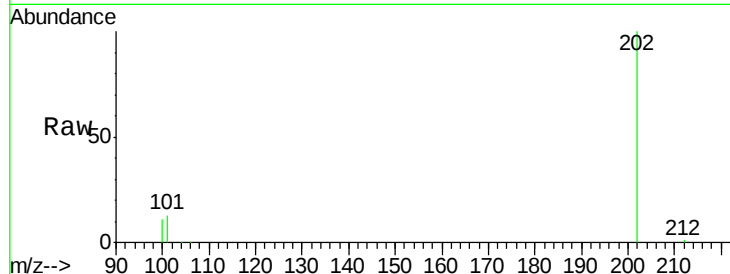
#17
Pyrene
Concen: 5.248 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094572.D
Acq: 26 Oct 2017 21:05

Instrument :
BNA_E
ClientSampleId :
B-66(2.5-4.5) 101017

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	18.2	27.4#
100	10.7	15.6	23.4#

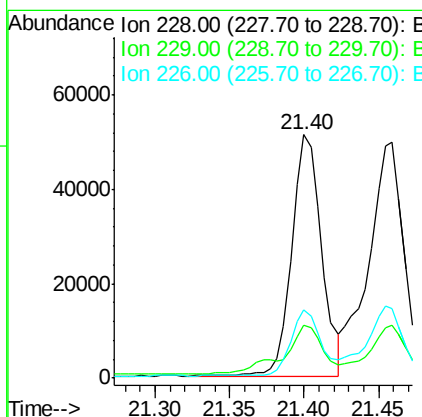
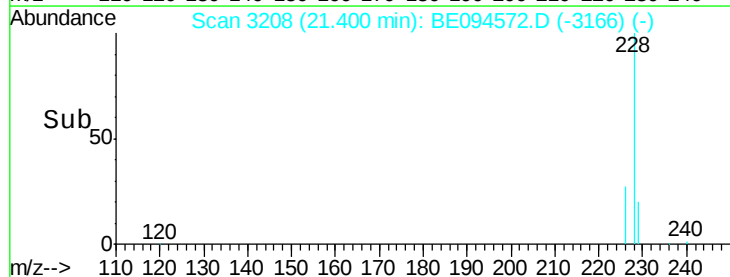
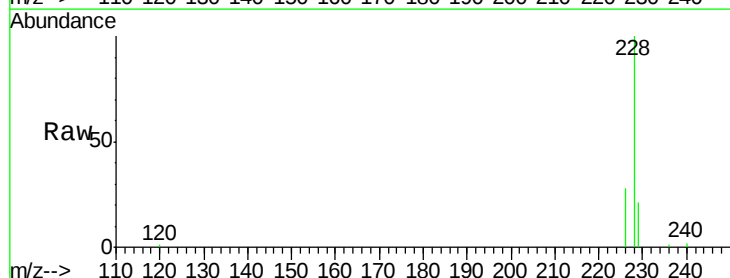
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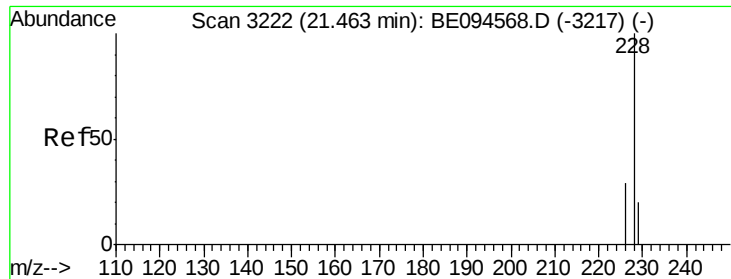
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#18
Benzo(a)anthracene
Concen: 2.694 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094572.D
Acq: 26 Oct 2017 21:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 3.025 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

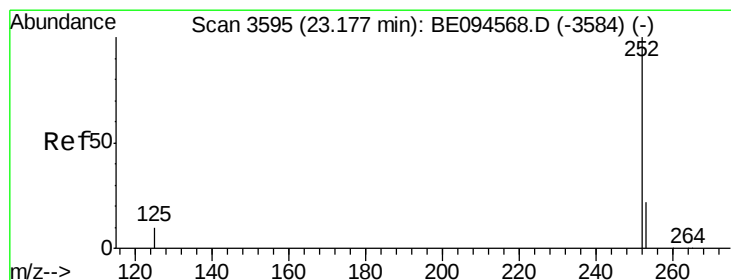
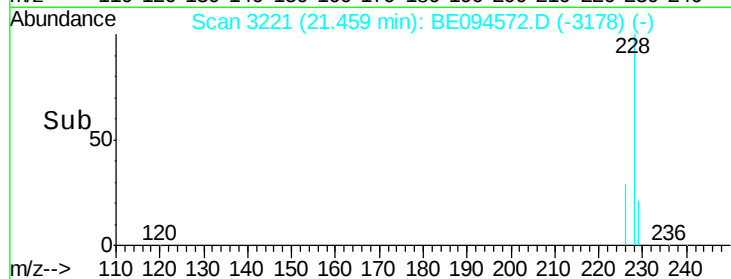
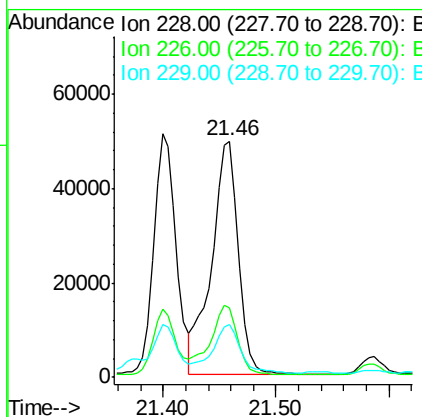
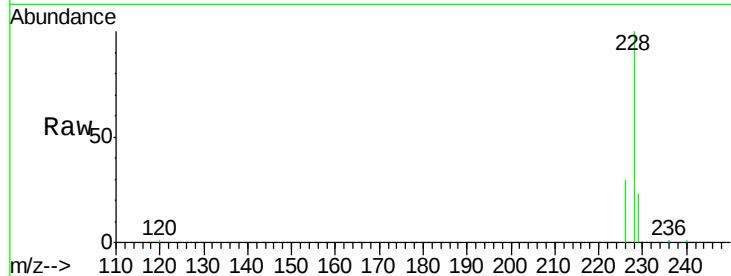
ClientSampleId :

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Tgt Ion:	228	Resp:	82425
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.000 ng/ul m

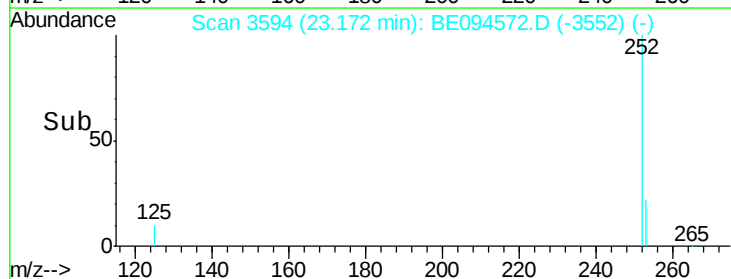
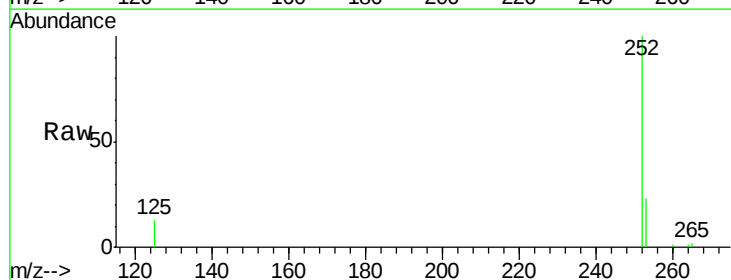
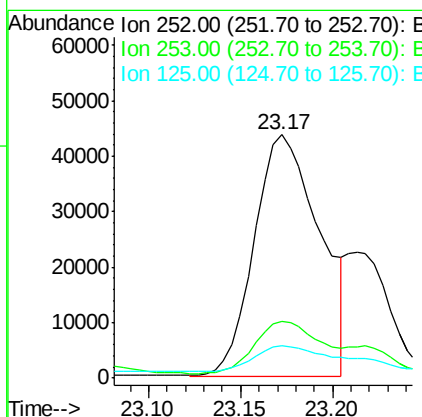
RT: 23.17 min Scan# 3594

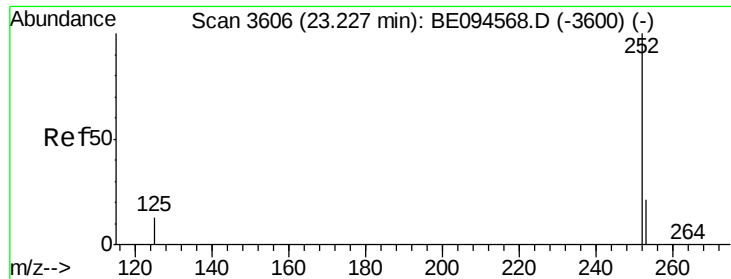
Delta R.T. -0.01 min

Lab File: BE094572.D

Acq: 26 Oct 2017 21:05

Tgt Ion:	252	Resp:	107500
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	13.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.252 ng/ul m

RT: 23.21 min Scan# 3603

Delta R.T. -0.02 min

Lab File: BE094572.D

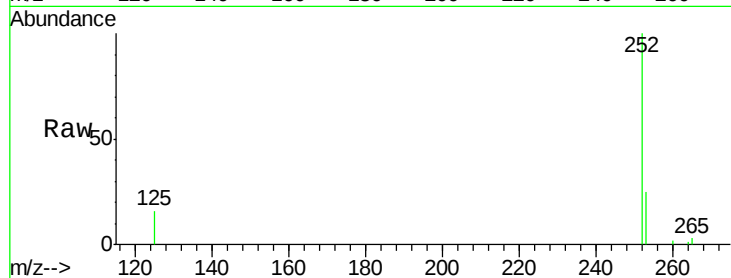
Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

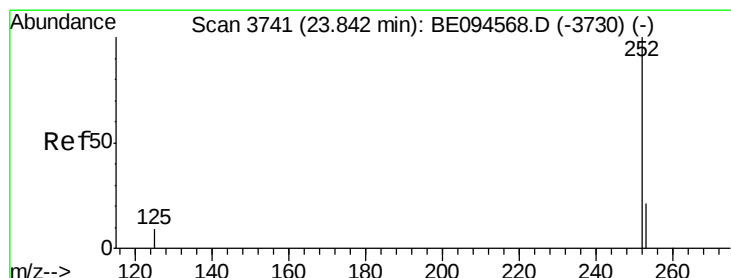
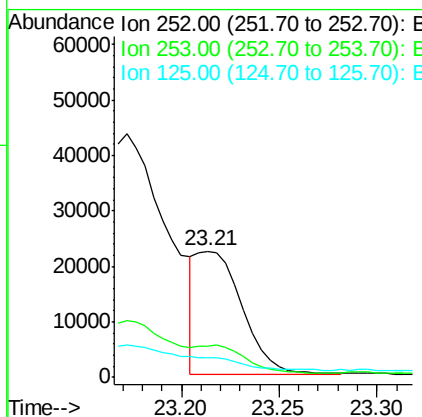
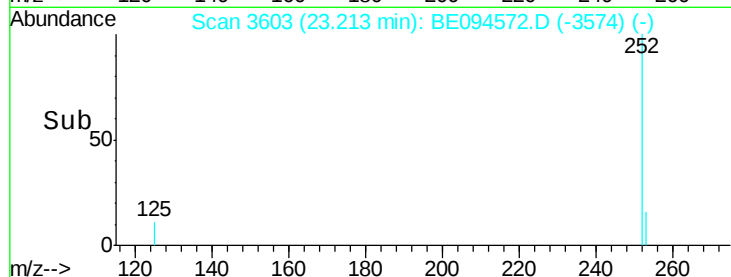
B-66(2.5-4.5) 101017



Tgt Ion:	252	Resp:	36051
Ion Ratio	Lower	Upper	
252	100		
253	25.1	24.5	36.7
125	16.1	13.7	20.5

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#23

Benzo(a)pyrene

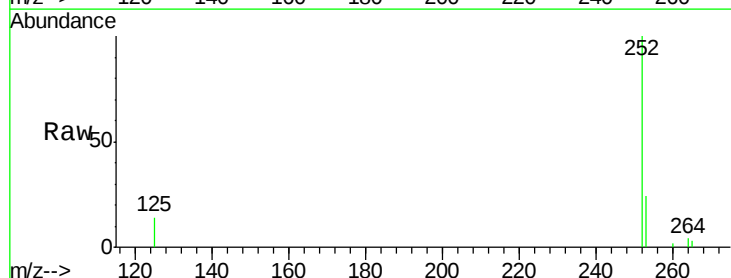
Concen: 2.790 ng/ul

RT: 23.83 min Scan# 3739

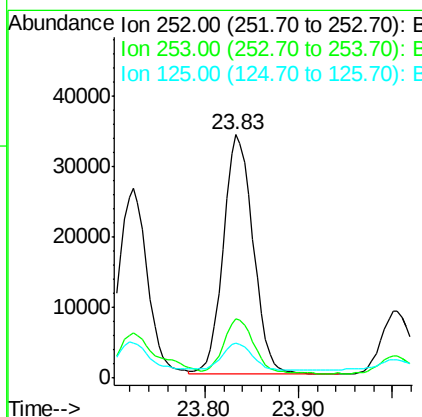
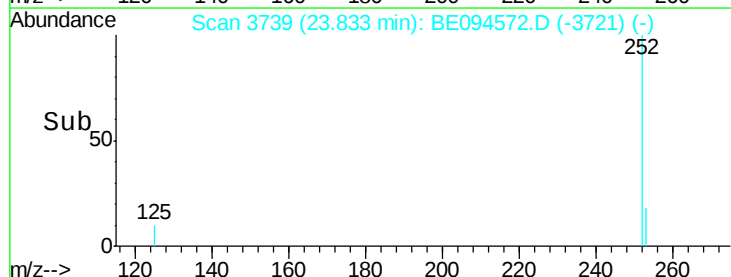
Delta R.T. -0.02 min

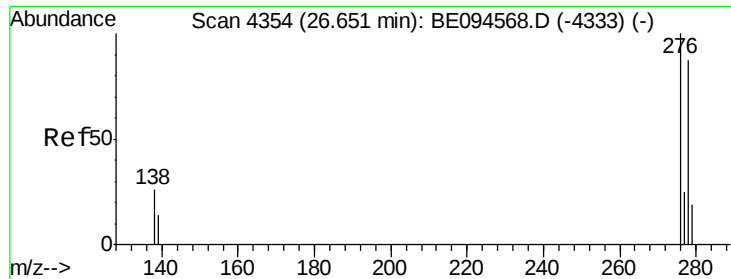
Lab File: BE094572.D

Acq: 26 Oct 2017 21:05



Tgt Ion:	252	Resp:	74945
Ion Ratio	Lower	Upper	
252	100		
253	24.2	28.5	42.7#
125	14.5	18.1	27.1#





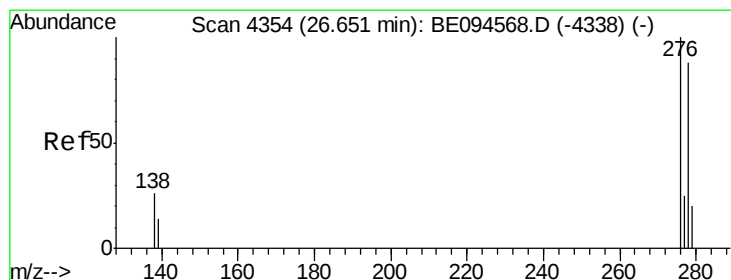
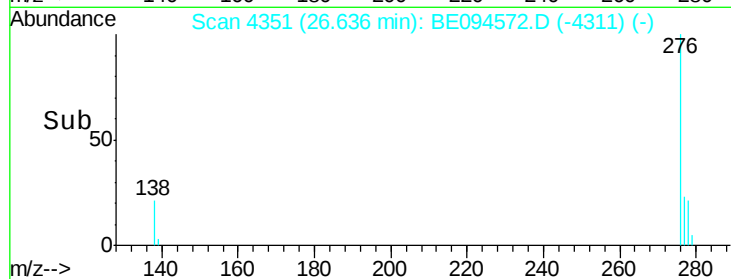
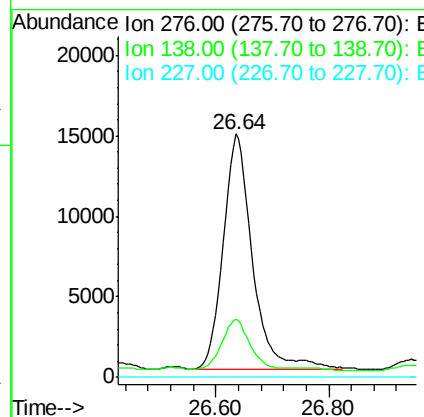
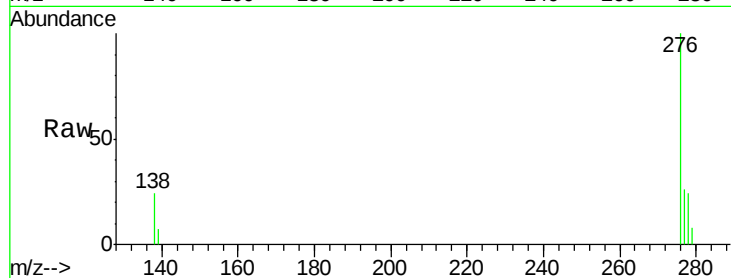
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.888 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.02 min
 Lab File: BE094572.D
 Acq: 26 Oct 2017 21:05

Instrument :
 BNA_E
 ClientSampleId :
 B-66(2.5-4.5) 101017

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

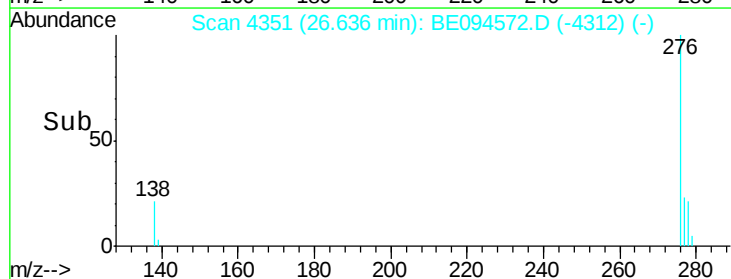
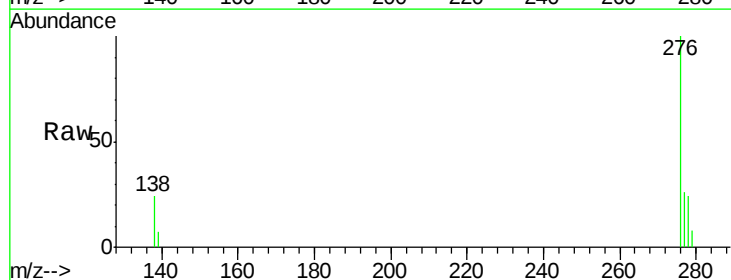
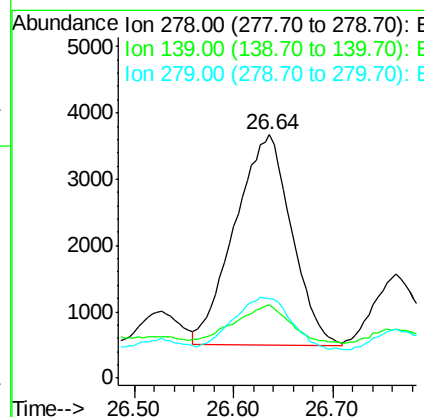
Manual Integrations
 APPROVED

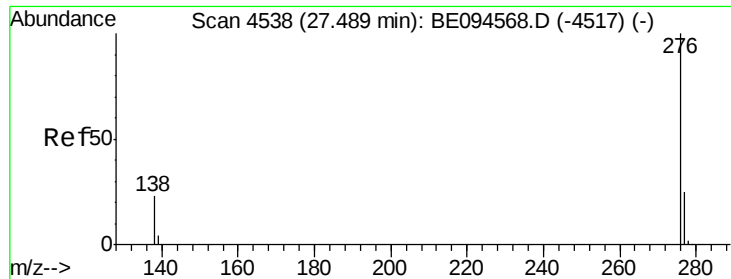
Sohil
 10/27/2017 5:35:40 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.538 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.02 min
 Lab File: BE094572.D
 Acq: 26 Oct 2017 21:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.9	17.4	26.0#
279	32.9	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.907 ng/ul

RT: 27.47 min Scan# 4535

Delta R.T. -0.02 min

Lab File: BE094572.D

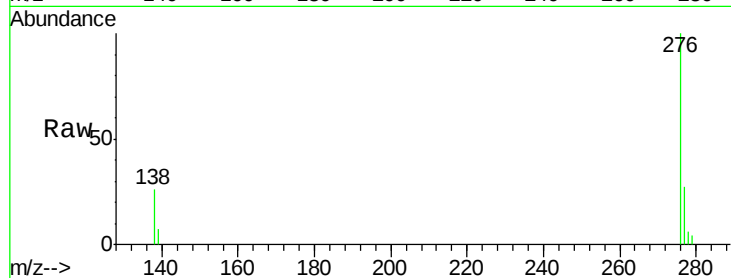
Acq: 26 Oct 2017 21:05

Instrument :

BNA_E

ClientSampleId :

B-66(2.5-4.5) 101017



Tgt Ion: 276 Resp: 42556

Ion Ratio Lower Upper

276 100

138 25.6 21.8 32.8

277 26.8 20.5 30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:40 PM

