

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094600.D
 Acq On : 27 Oct 2017 17:40
 Operator : SJ/JU
 Sample : I5719-09MSD 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-25(0.5-1.5)-100517MSD

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:36:56 PM

Quant Time: Oct 30 01:27:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 01:11:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1047	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6005	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3636	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7543	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	7343	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8230	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	709	0.07	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	1010	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	10178	0.693	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	9908	0.965	ng/ul	95
7) Acenaphthylene	14.24	152	4318	0.263	ng/ul#	77
8) Acenaphthene	14.58	153	57628	4.876	ng/ul	98
9) Fluorene	15.57	166	64539	4.863	ng/ul#	92
12) Phenanthrene	17.29	178	858823	43.106	ng/ul#	84
13) Anthracene	17.40	178	261517	13.301	ng/ul#	92
15) Fluoranthene	19.32	202	1310387	56.889	ng/ul	84
17) Pyrene	19.68	202	1129688	49.765	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	741456	35.321	ng/ul#	86
19) Chrysene	21.47	228	651487	30.026	ng/ul	99
21) Benzo(b)fluoranthene	23.20	252	848933m	36.670	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	293179m	11.818	ng/ul	
23) Benzo(a)pyrene	23.86	252	645263	27.884	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.69	276	336108	14.036	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.68	278	86356	4.280	ng/ul	97
26) Benzo(a,h,i)perylene	27.53	276	254449	13.234	ng/ul	96

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

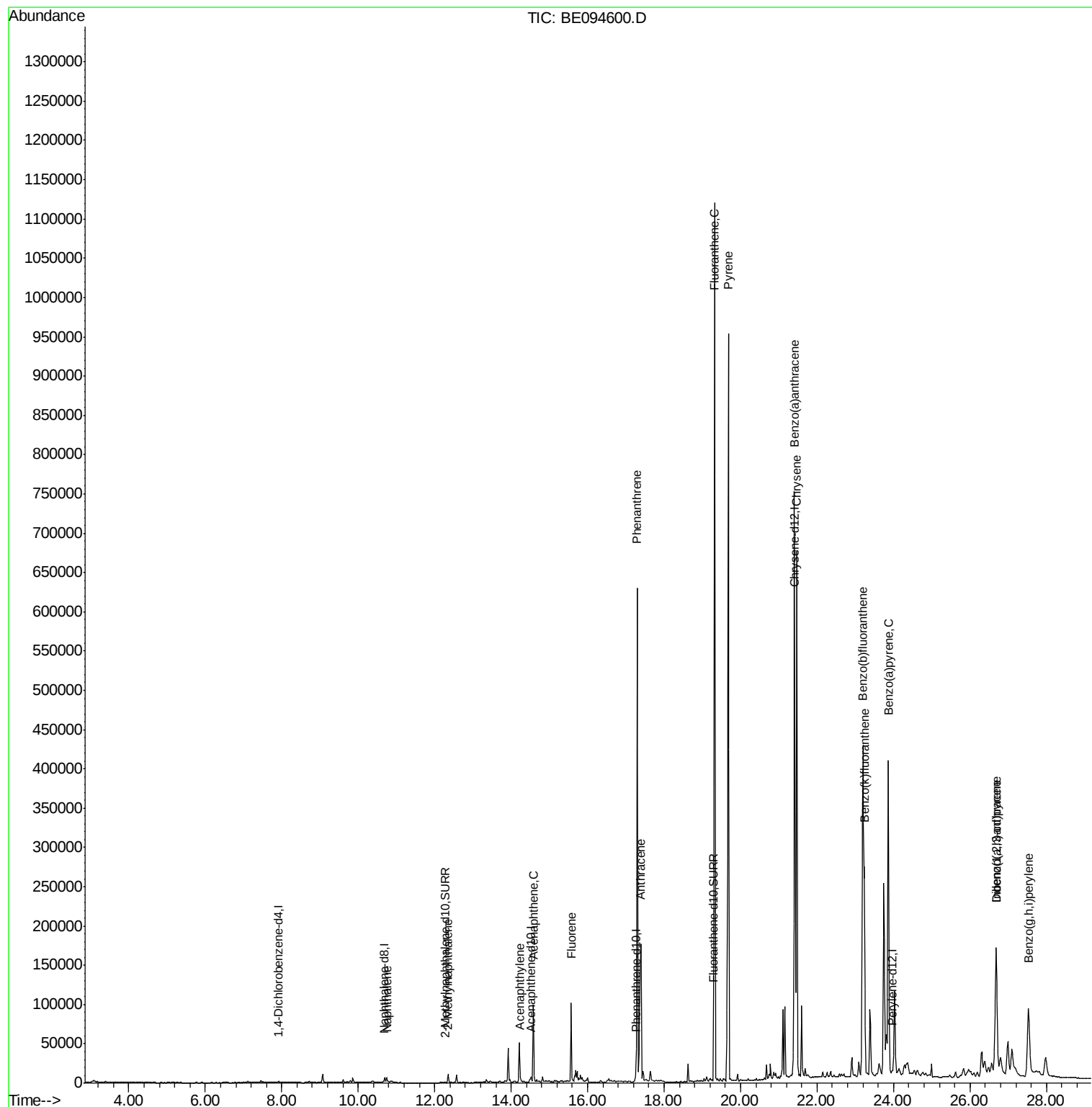
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 5 Sample Multiplier: 1

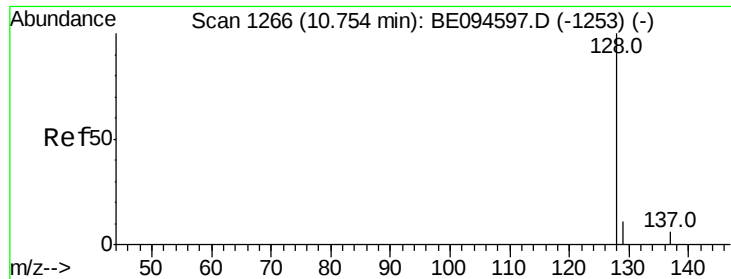
Instrument :
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B-25(0.5-1.5)-100517MSD

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Quant Time: Oct 30 01:27:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 01:11:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.693 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Instrument :

BNA_E

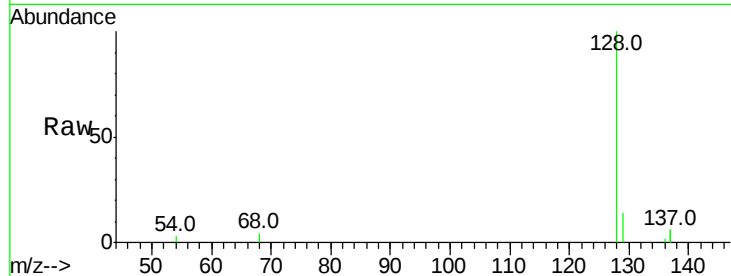
ClientSampleId :

B-25(0.5-1.5)-100517MSD

Tot Ion:128	Resp:	10178
Ion Ratio	Lower	Upper
128 100		
129 14.2	11.3	16.9
127 0.0	4.0	6.0#

Manual Integrations
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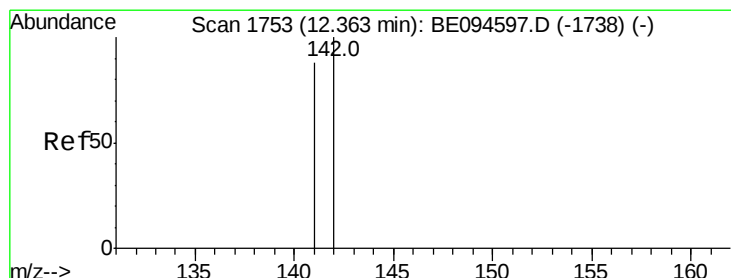
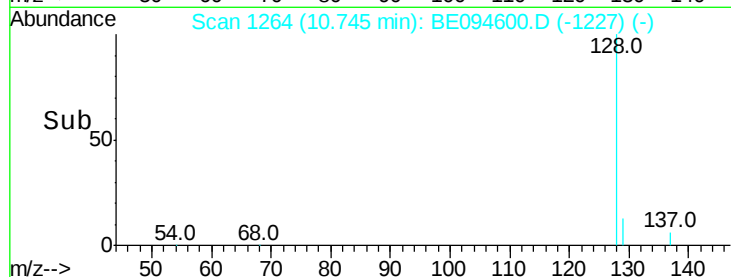
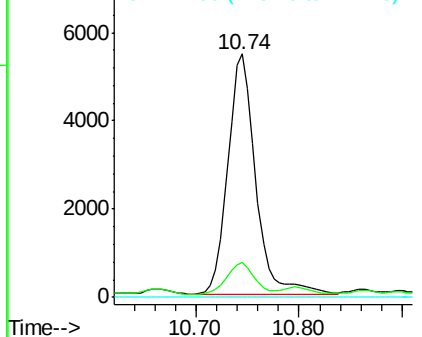
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.965 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

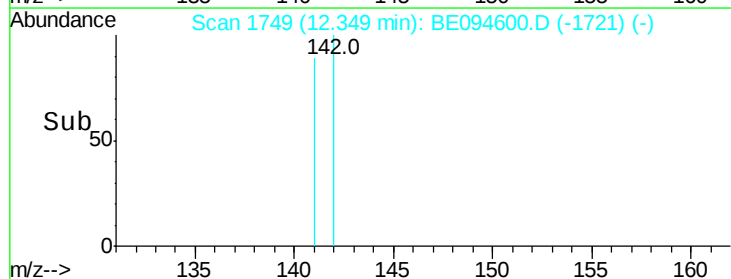
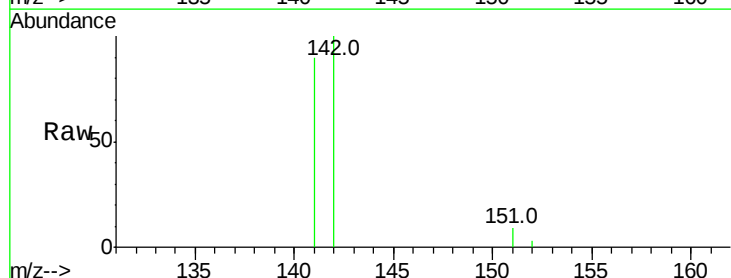
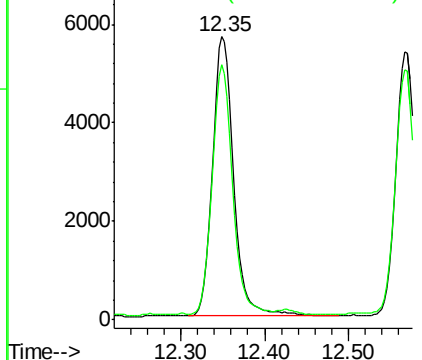
Lab File: BE094600.D

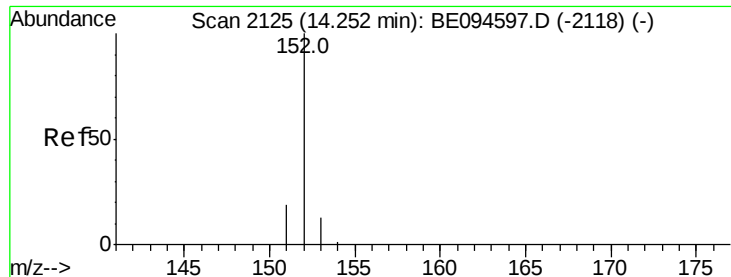
Acq: 27 Oct 2017 17:40

Tgt Ion:142	Resp:	9908
Ion Ratio	Lower	Upper
142 100		
141 86.4	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.263 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Instrument :

BNA_E

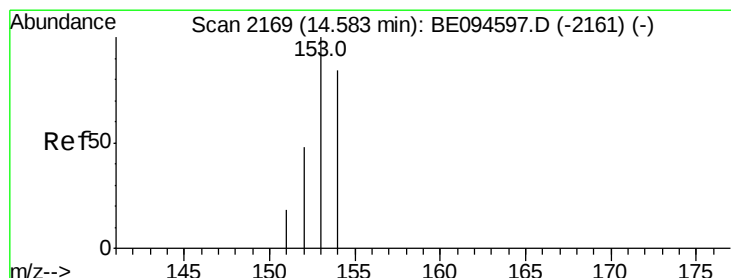
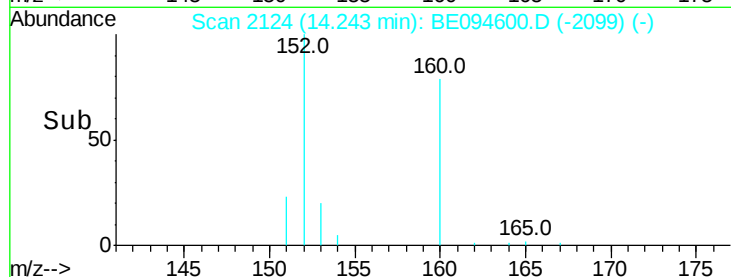
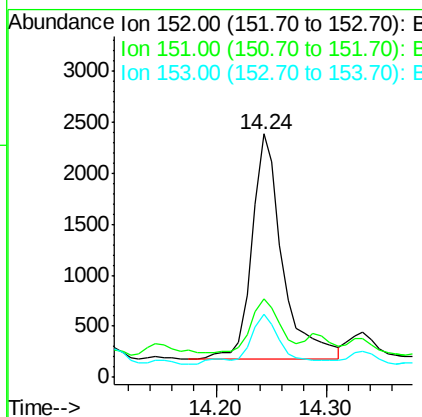
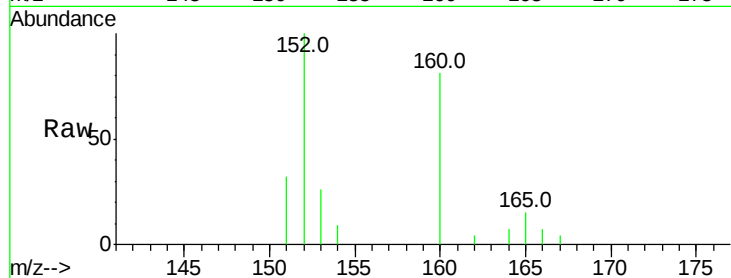
ClientSampleId :

B-25(0.5-1.5)-100517MSD

Tot Ion:	152	Resp:	4318
Ion Ratio	Lower	Upper	
152	100		
151	32.2	17.1	25.7#
153	26.0	12.8	19.2#

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#8

Acenaphthene

Concen: 4.876 ng/ul

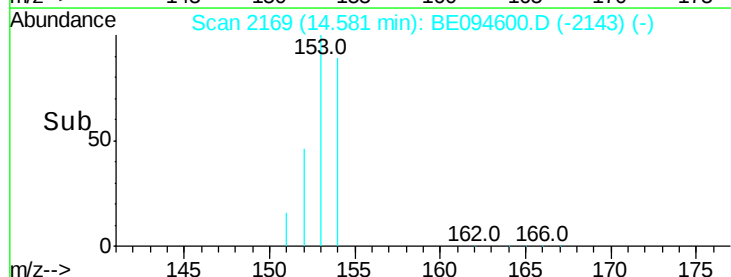
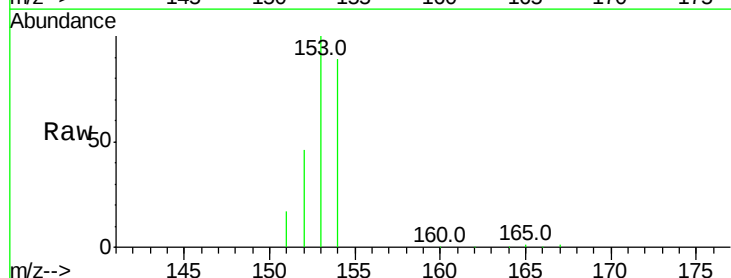
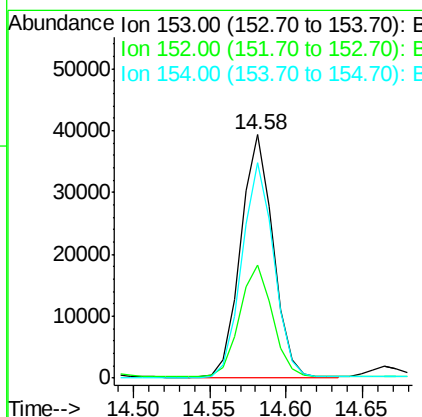
RT: 14.58 min Scan# 2169

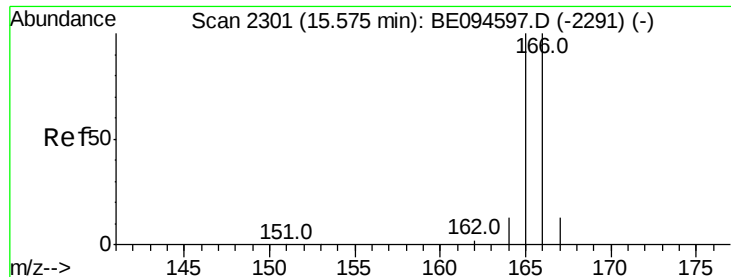
Delta R.T. -0.00 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Tgt Ion:	153	Resp:	57628
Ion Ratio	Lower	Upper	
153	100		
152	46.3	36.0	54.0
154	88.6	72.0	108.0





#9

Fluorene

Concen: 4.863 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Instrument :

BNA_E

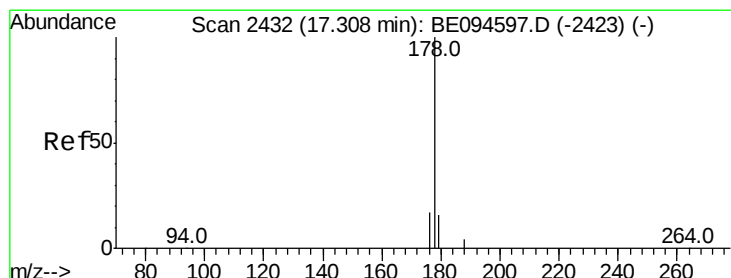
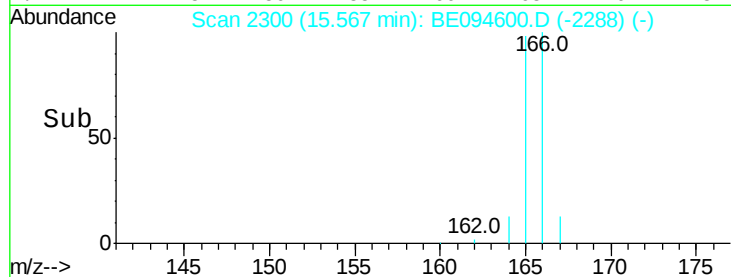
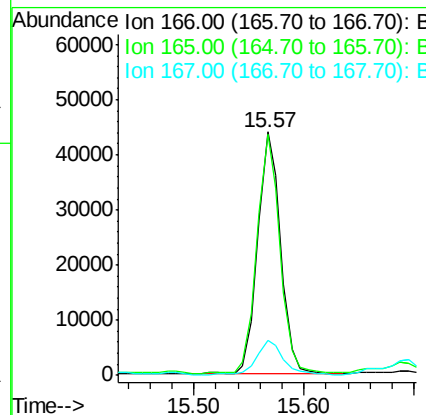
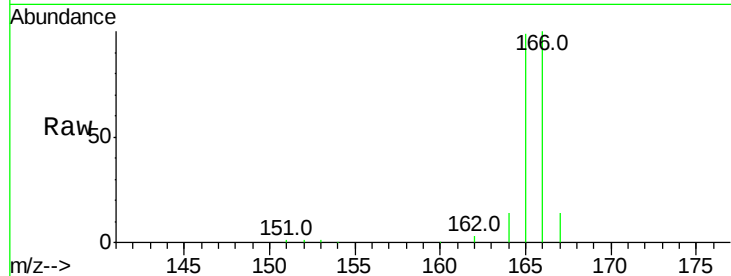
ClientSampleId :

B-25(0.5-1.5)-100517MSD

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.9	73.4	110.2	
167	14.2	14.6	22.0	

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#12

Phenanthrene

Concen: 43.106 ng/ul

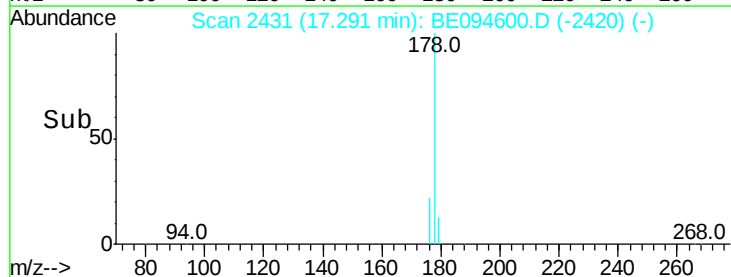
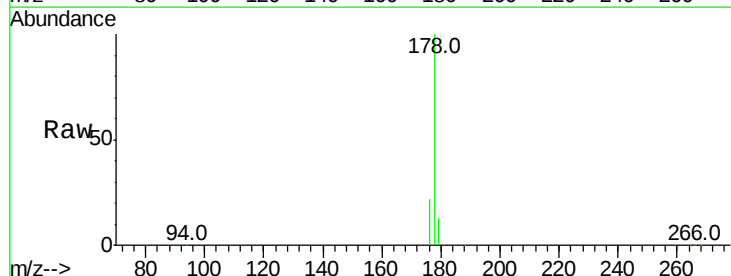
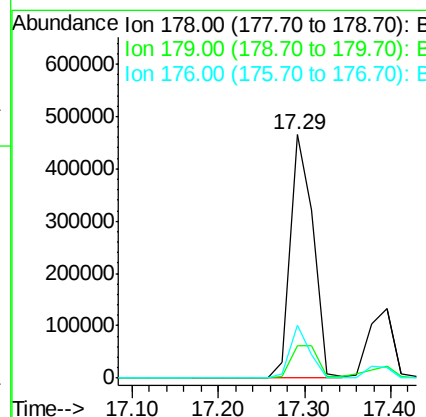
RT: 17.29 min Scan# 2431

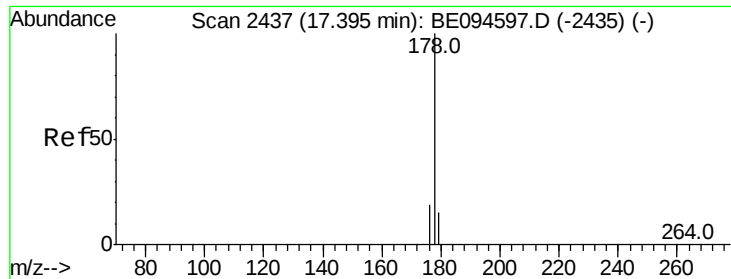
Delta R.T. -0.02 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	13.5	18.4	27.6	
176	21.6	13.6	20.4	





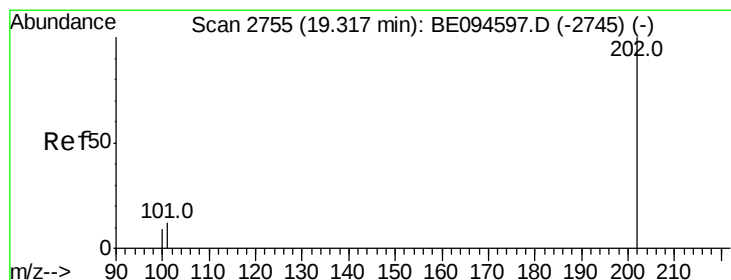
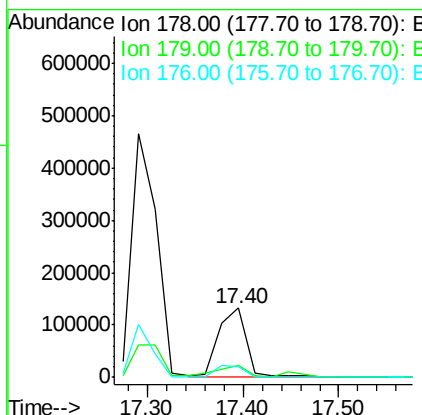
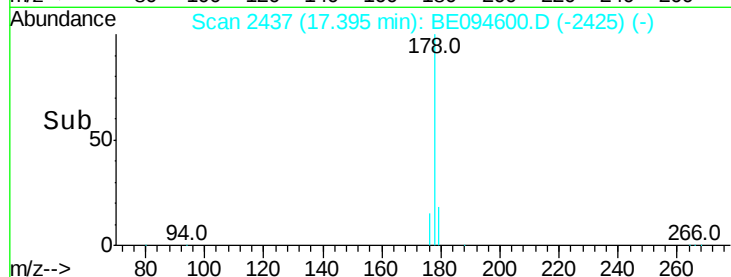
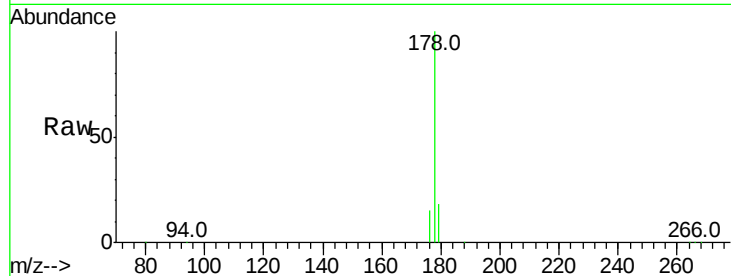
#13
 Anthracene
 Concen: 13.301 ng/ul
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094600.D
 Acq: 27 Oct 2017 17:40

Instrument :
 BNA_E
 ClientSampleId :
 B-25(0.5-1.5)-100517MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.1	27.1#
176	15.1	14.7	22.1

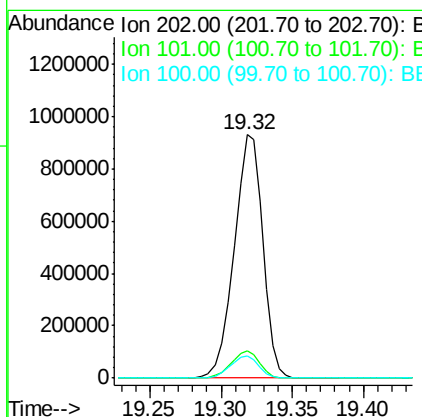
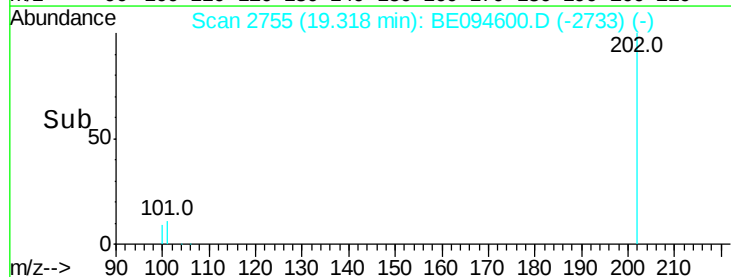
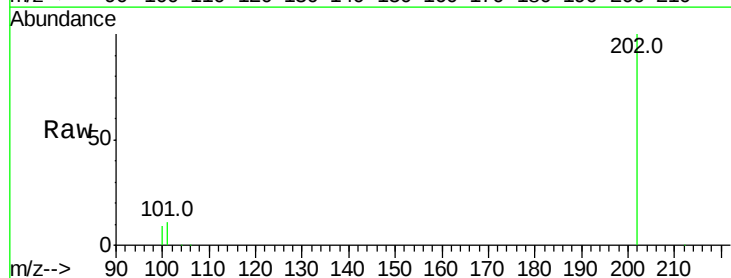
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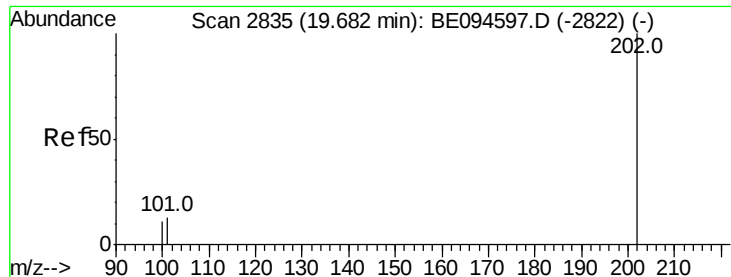
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#15
 Fluoranthene
 Concen: 56.889 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094600.D
 Acq: 27 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	9.0	0.0	39.5





#17

Pvrene

Concen: 49.765 ng/ul

RT: 19.68 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Instrument :

BNA_E

ClientSampleId :

B-25(0.5-1.5)-100517MSD

Tot Ion:202 Resp: 1129688

Ion Ratio Lower Upper

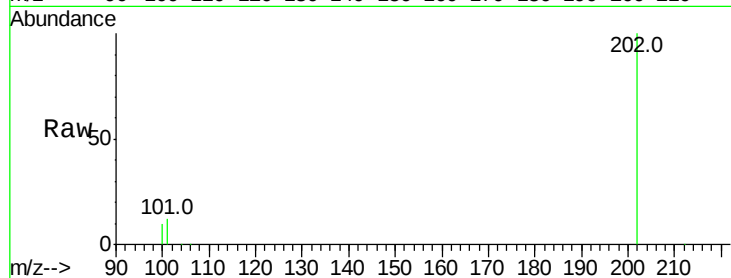
202 100

101 12.0 18.2 27.4#

100 10.2 15.6 23.4#

Manual Integrations
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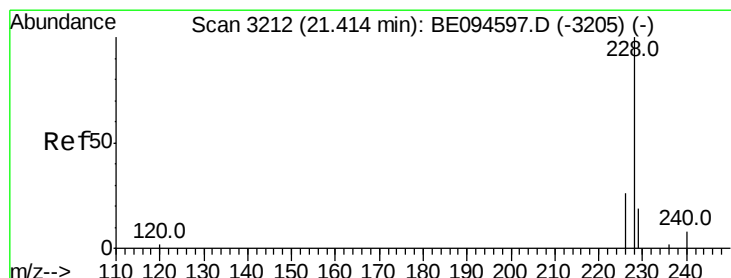
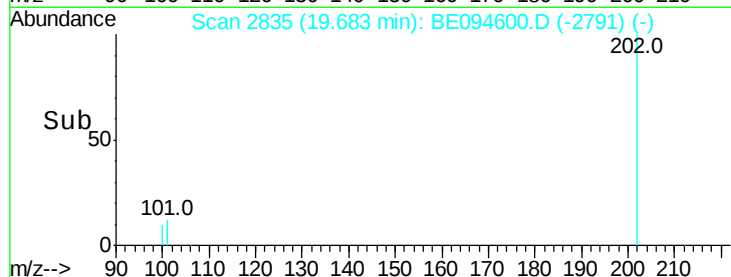
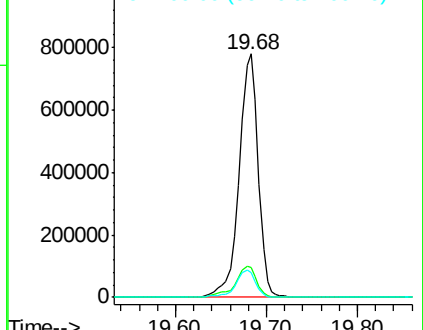
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 35.321 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

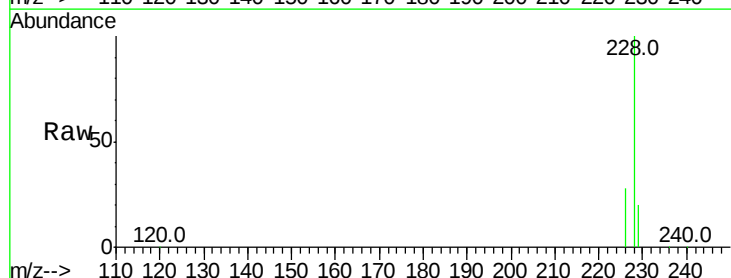
Tgt Ion:228 Resp: 741456

Ion Ratio Lower Upper

228 100

229 20.5 22.8 34.2#

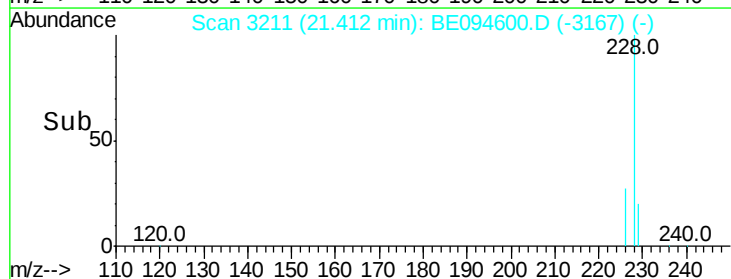
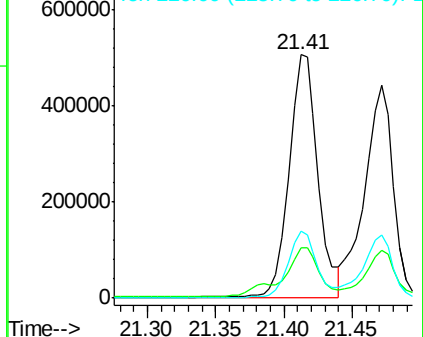
226 27.5 17.0 25.6#

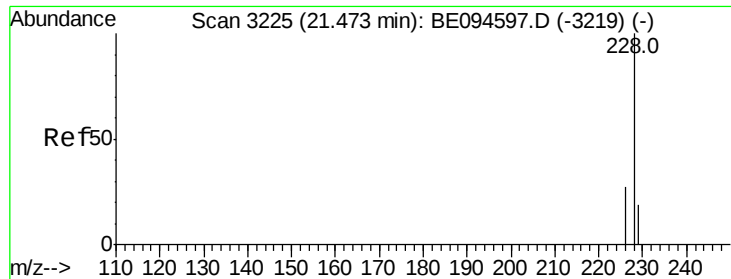


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 30.026 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Instrument :

BNA_E

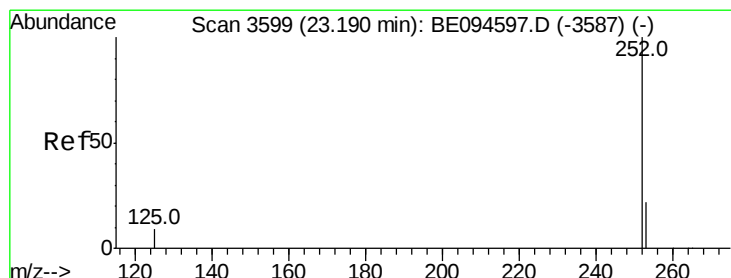
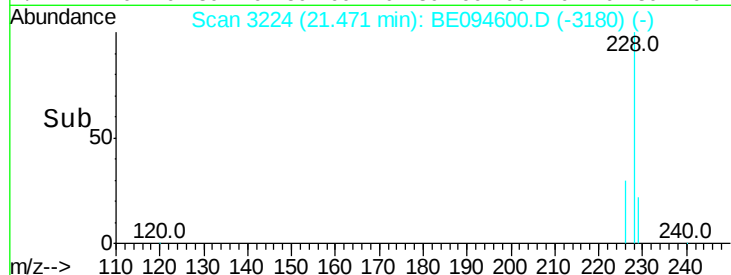
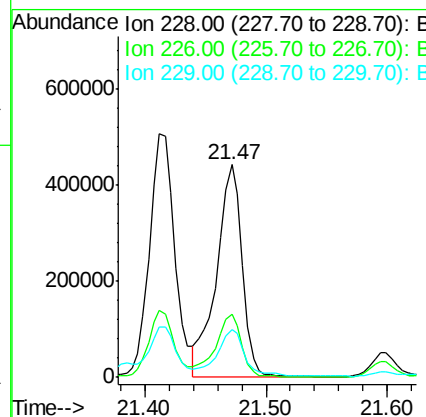
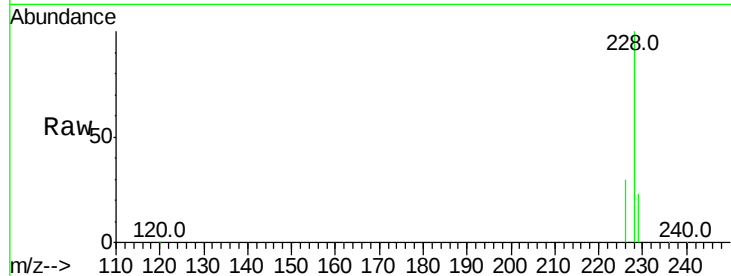
ClientSampleId :

B-25(0.5-1.5)-100517MSD

Tot Ion:228	Resp:	651487
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.4	35.0
229 22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 36.670 ng/ul m

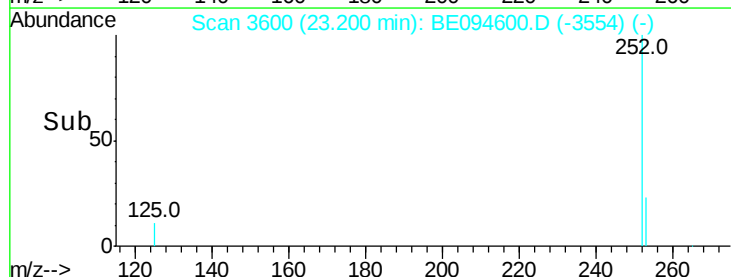
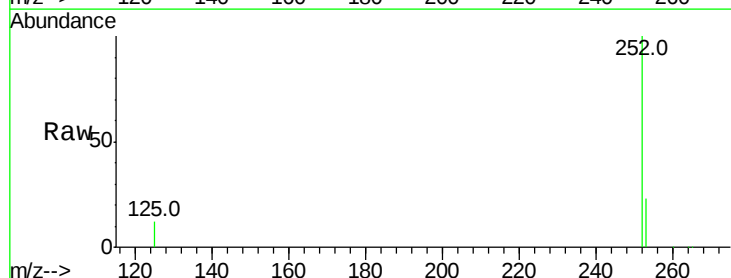
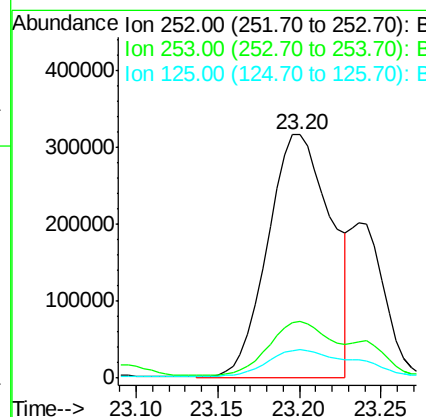
RT: 23.20 min Scan# 3600

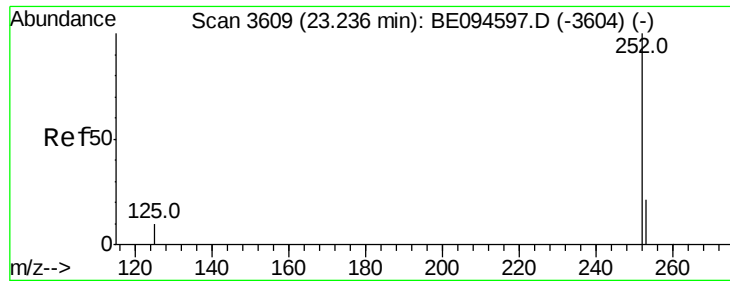
Delta R.T. 0.01 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Tgt Ion:252	Resp:	848933
Ion Ratio	Lower	Upper
252 100		
253 23.4	0.0	64.2
125 11.5	0.0	35.0





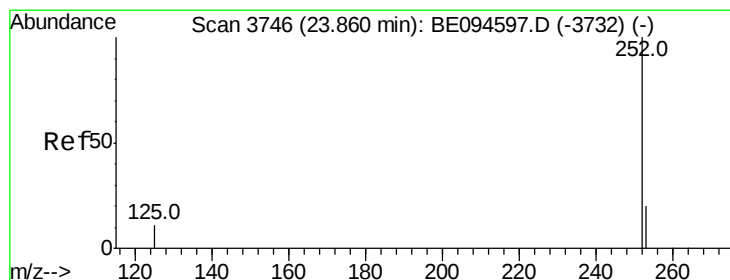
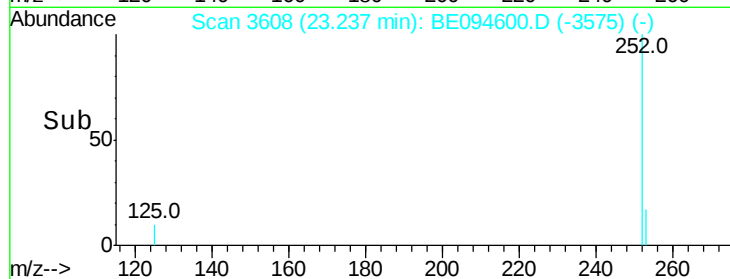
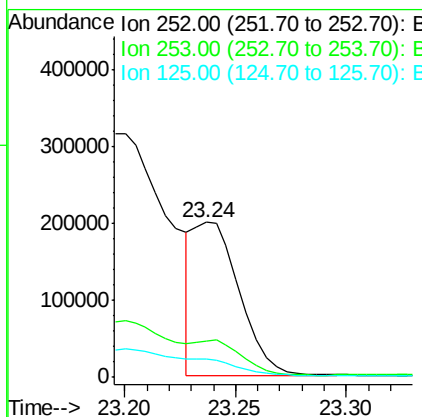
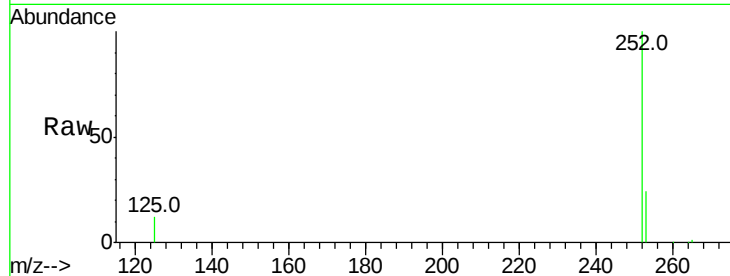
#22
Benzo(k)fluoranthene
Concen: 11.818 ng/ul m
RT: 23.24 min Scan# 3608
Delta R.T. 0.00 min
Lab File: BE094600.D
Acq: 27 Oct 2017 17:40

Instrument :
BNA_E
ClientSampleId :
B-25(0.5-1.5)-100517MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	11.7	13.7	20.5#

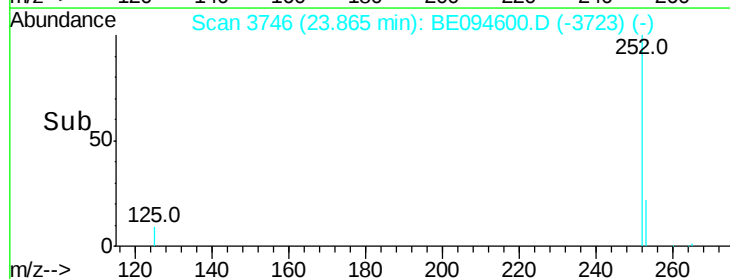
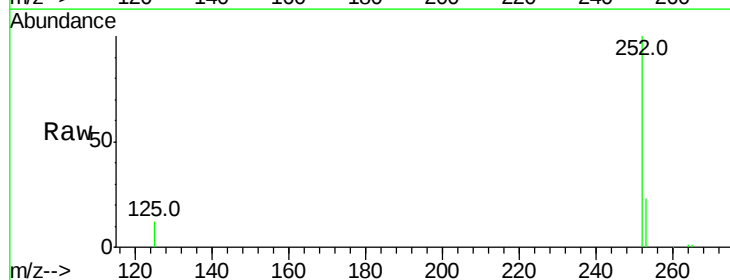
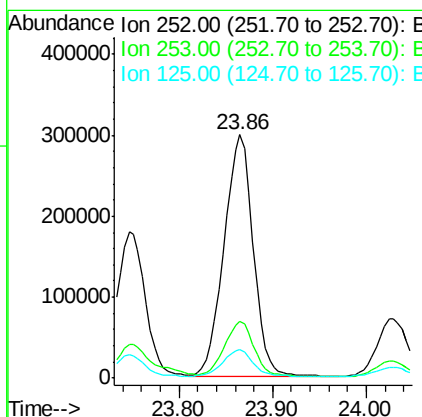
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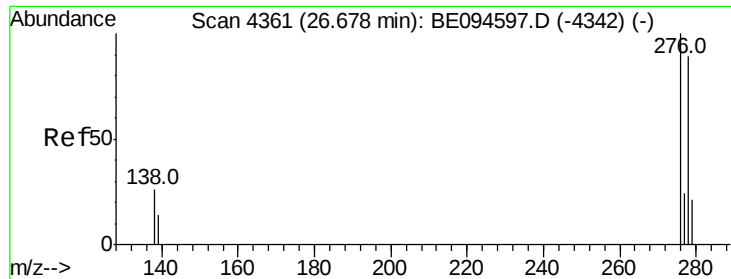
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#23
Benzo(a)pyrene
Concen: 27.884 ng/ul
RT: 23.86 min Scan# 3746
Delta R.T. 0.01 min
Lab File: BE094600.D
Acq: 27 Oct 2017 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	11.6	18.1	27.1#





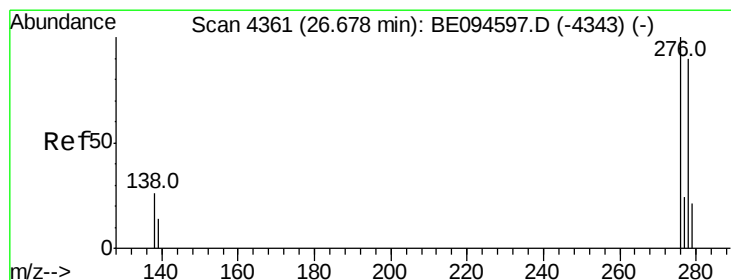
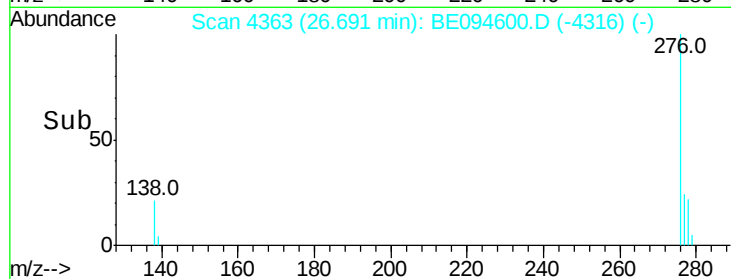
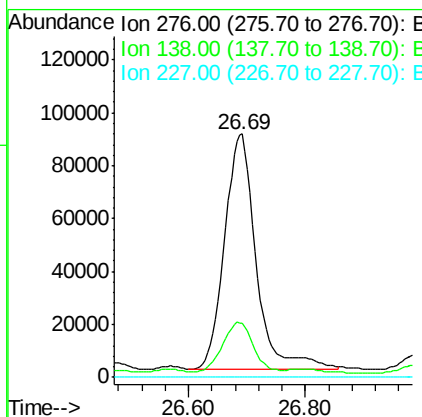
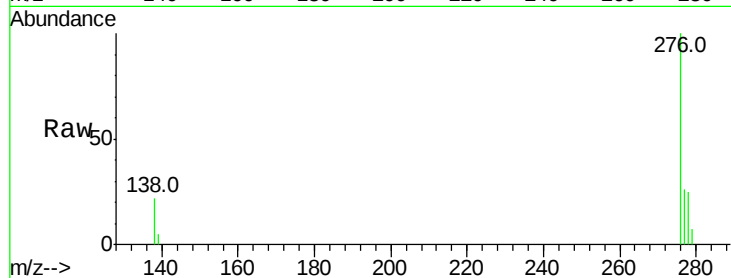
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 14.036 ng/uL
 RT: 26.69 min Scan# 4363
 Delta R.T. 0.01 min
 Lab File: BE094600.D
 Acq: 27 Oct 2017 17:40

Instrument :
 BNA_E
 ClientSampleId :
 B-25(0.5-1.5)-100517MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	336108		
138	19.9	28.0	42.0	
227	0.0	8.0	12.0	

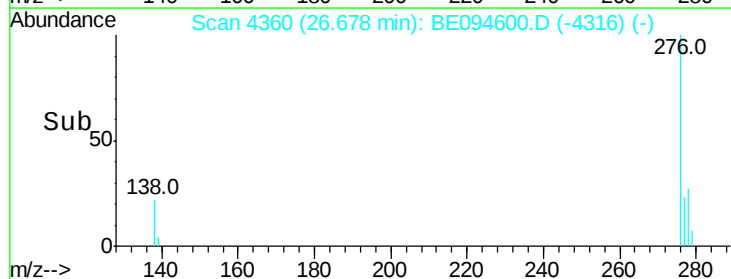
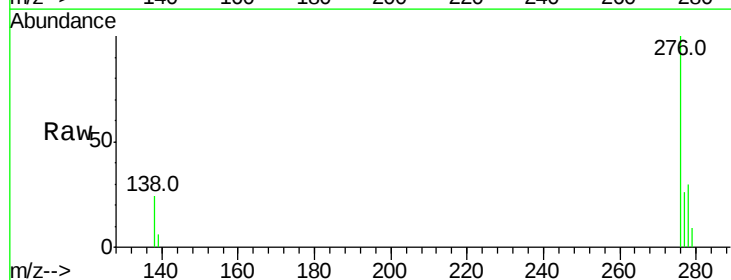
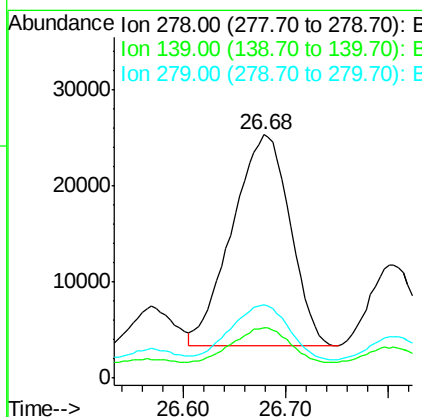
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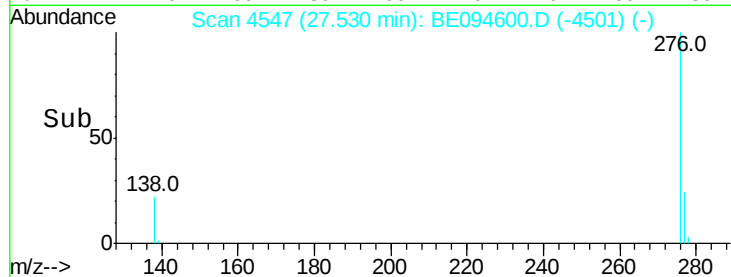
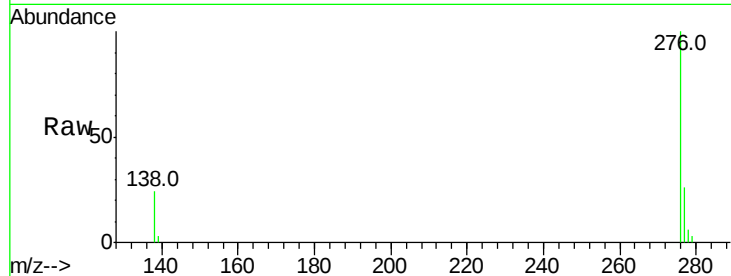
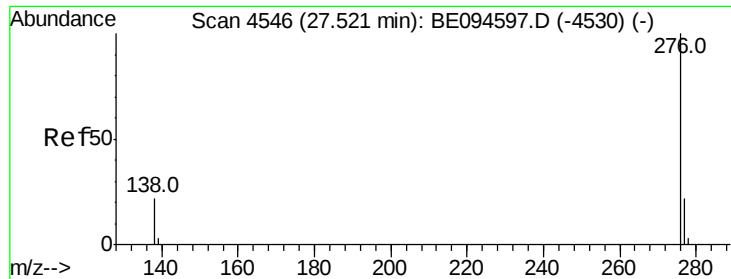
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#25
 Dibenzo(a,h)anthracene
 Concen: 4.280 ng/uL
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: BE094600.D
 Acq: 27 Oct 2017 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	86356		
139	20.8	17.4	26.0	
279	30.0	25.9	38.9	





#26

Benzo(a,h,i)perylene

Concen: 13.234 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. 0.01 min

Lab File: BE094600.D

Acq: 27 Oct 2017 17:40

Instrument :

BNA_E

ClientSampleId :

B-25(0.5-1.5)-100517MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	254449		
138	23.7		21.8	32.8
277	26.1		20.5	30.7

Manual Integrations
APPROVED

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