

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094599.D
 Acq On : 27 Oct 2017 17:02
 Operator : SJ/JU
 Sample : I5719-08MS 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

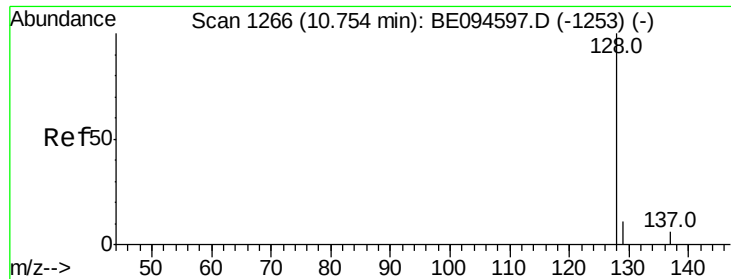
Manual Integrations
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 10/30/2017 6:36:54 PM

Quant Time: Oct 30 01:25:21 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	1056	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	5985	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3577	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7767	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	7545	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8717	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	548	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	947	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6296	0.430	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2737	0.267	ng/ul	99
7) Acenaphthylene	14.24	152	3597	0.222	ng/ul#	86
8) Acenaphthene	14.58	153	14622	1.258	ng/ul	99
9) Fluorene	15.57	166	14128	1.082	ng/ul	93
12) Phenanthrene	17.29	178	447005	21.789	ng/ul#	87
13) Anthracene	17.38	178	104107	5.142	ng/ul#	90
15) Fluoranthene	19.32	202	1204136	50.769	ng/ul	83
17) Pyrene	19.68	202	1124264	48.200	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	873877	40.515	ng/ul#	86
19) Chrysene	21.47	228	781162	35.038	ng/ul	99
21) Benzo(b)fluoranthene	23.20	252	1147844m	46.812	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	414086m	15.759	ng/ul	
23) Benzo(a)pyrene	23.86	252	916657	37.398	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.69	276	490898	19.355	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.68	278	123643	5.785	ng/ul	96
26) Benzo(a,h,i)perylene	27.53	276	380098	18.664	ng/ul	96

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



#3

Naphthalene

Concen: 0.430 ng/ul

RT: 10.75 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Instrument :

BNA_E

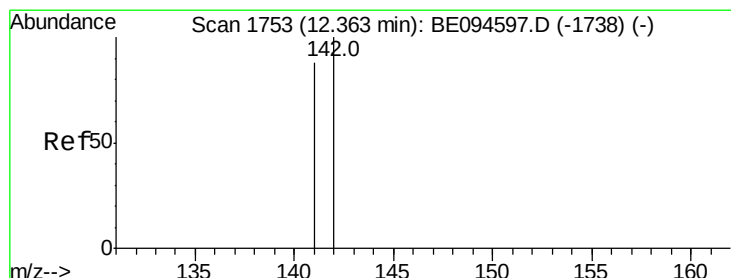
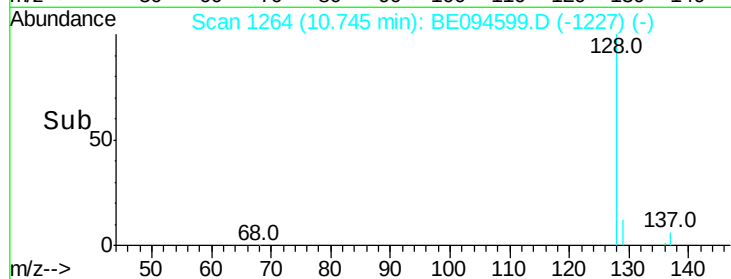
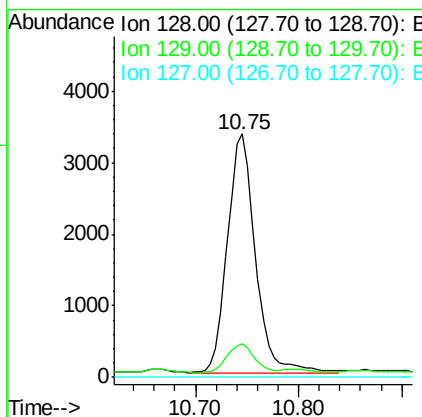
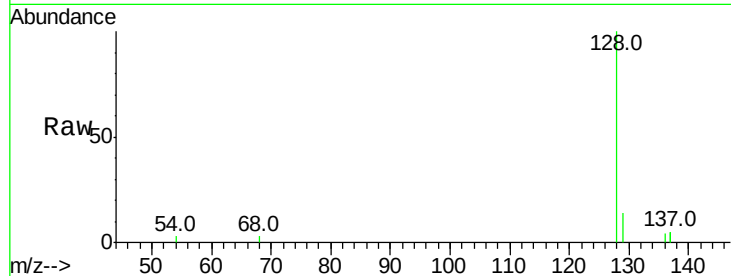
ClientSampleId :

B-25(0.5-1.5)-100517MS

Tot Ion:128	Resp:	6296
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: 0.267 ng/ul

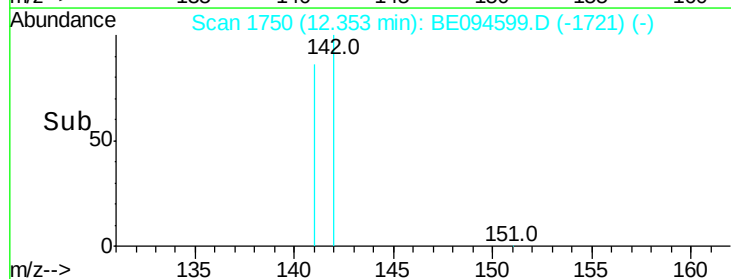
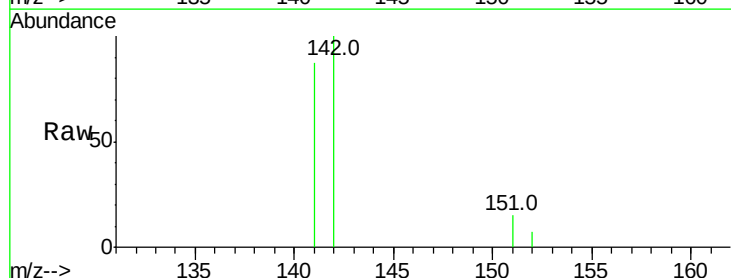
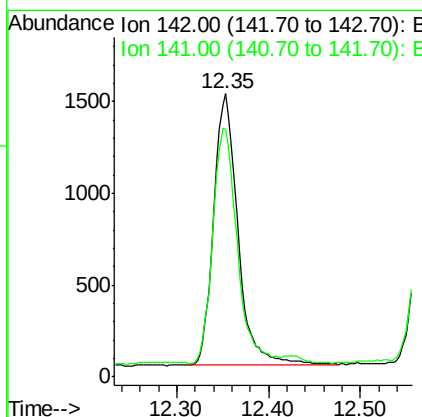
RT: 12.35 min Scan# 1750

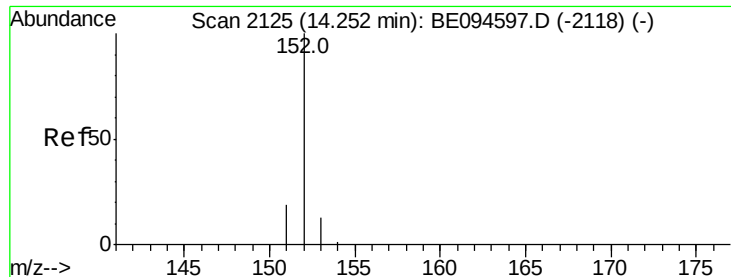
Delta R.T. -0.01 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Tgt Ion:142	Resp:	2737
Ion Ratio	Lower	Upper
142 100		
141 89.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.222 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Instrument :

BNA_E

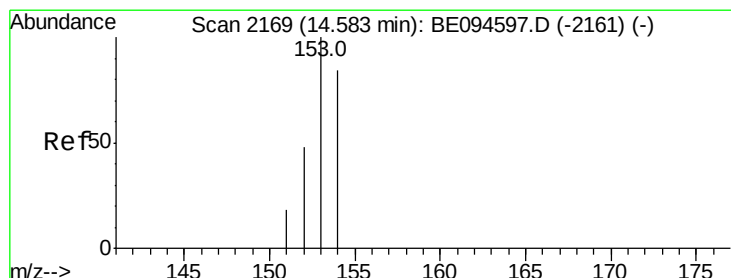
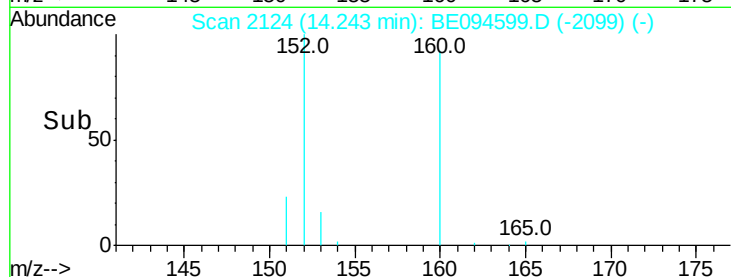
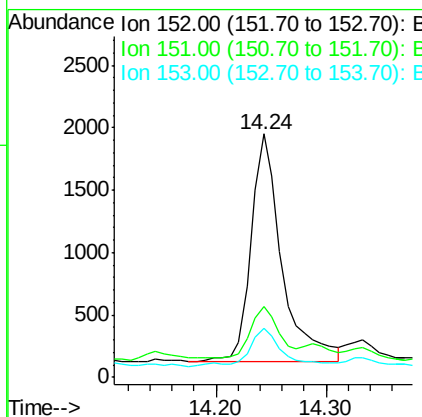
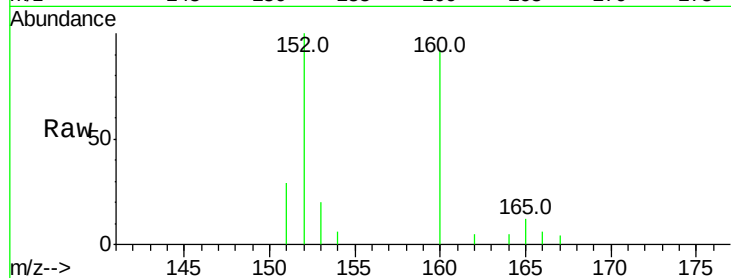
ClientSampleId :

B-25(0.5-1.5)-100517MS

Tot Ion:	152	Resp:	3597
Ion Ratio	Lower	Upper	
152	100		
151	29.3	17.1	25.7#
153	20.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.258 ng/ul

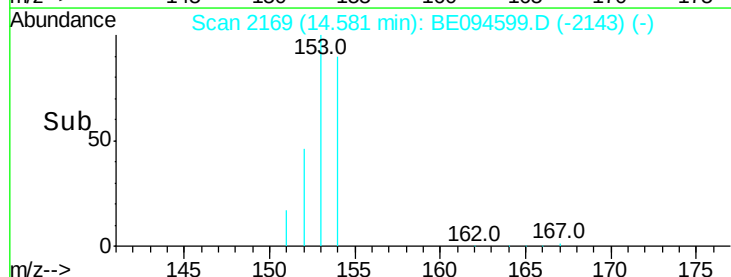
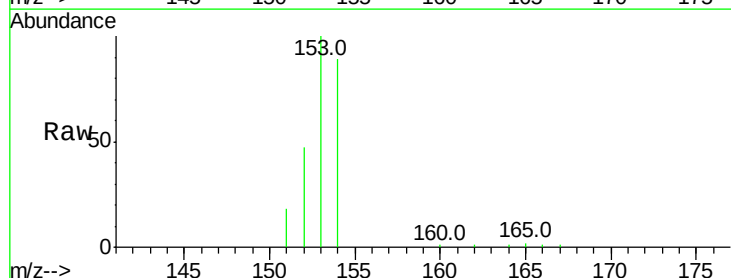
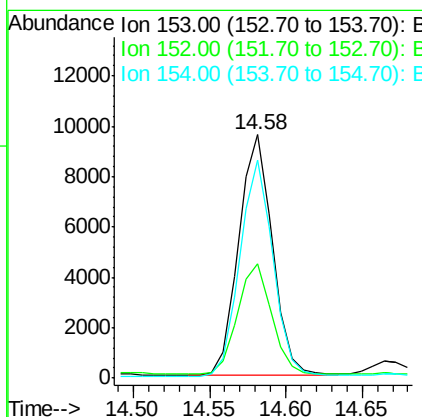
RT: 14.58 min Scan# 2169

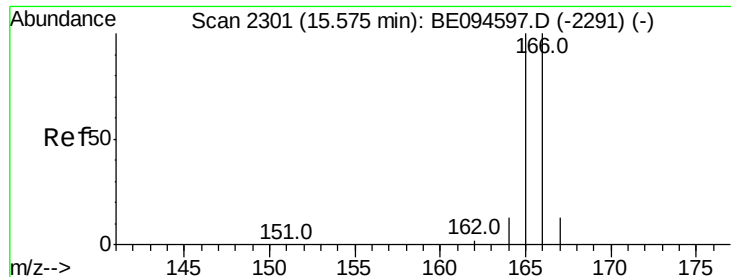
Delta R.T. -0.00 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Tgt Ion:	153	Resp:	14622
Ion Ratio	Lower	Upper	
153	100		
152	47.0	36.0	54.0
154	89.4	72.0	108.0





#9

Fluorene

Concen: 1.082 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Instrument :

BNA_E

ClientSampleId :

B-25(0.5-1.5)-100517MS

Tot Ion:166 Resp: 14128

Ion Ratio Lower Upper

166 100

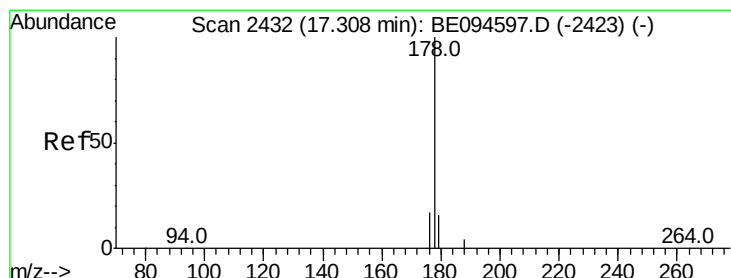
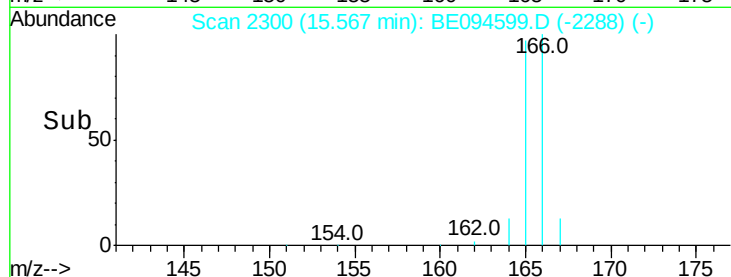
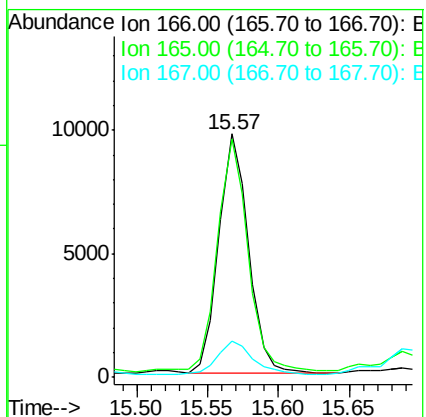
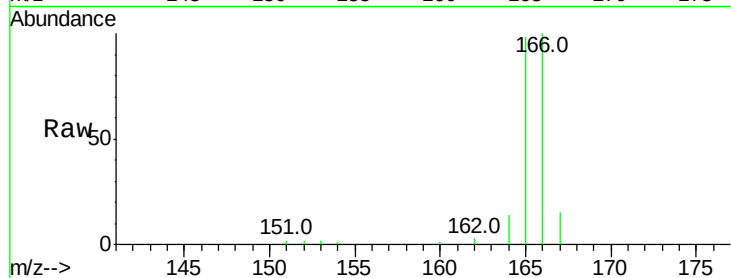
165 98.2 73.4 110.2

167 14.9 14.6 22.0

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#12

Phenanthrene

Concen: 21.789 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

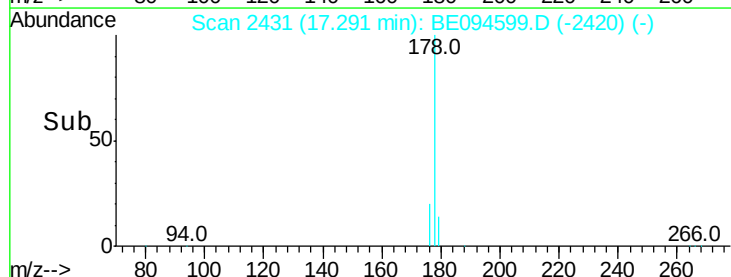
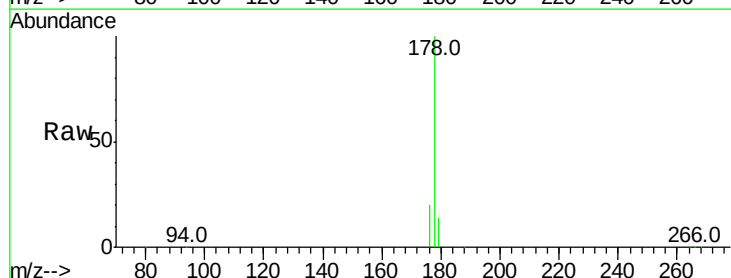
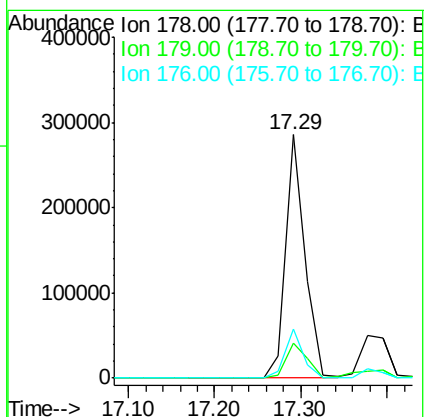
Tgt Ion:178 Resp: 447005

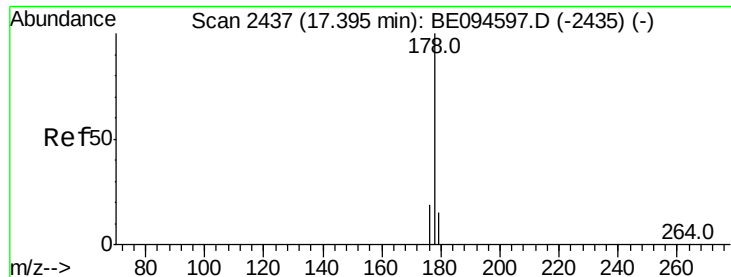
Ion Ratio Lower Upper

178 100

179 14.3 18.4 27.6#

176 20.0 13.6 20.4





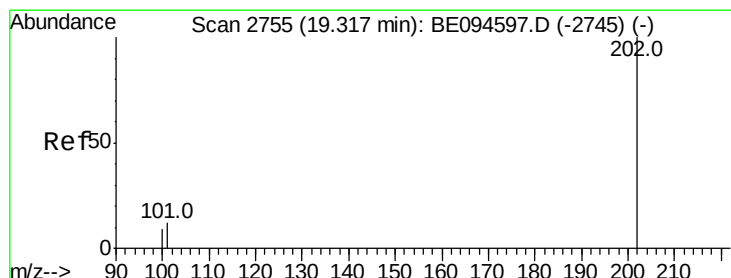
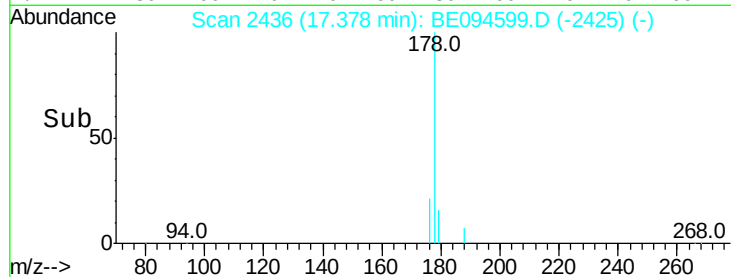
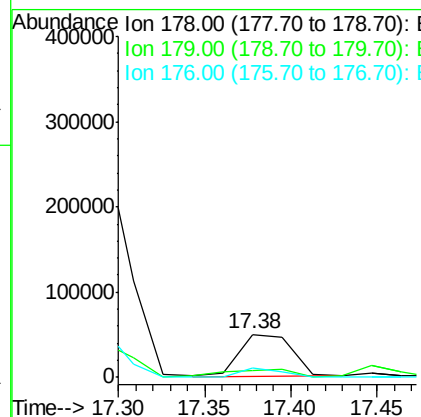
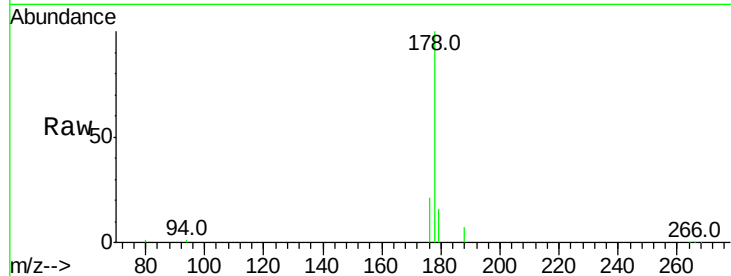
#13
 Anthracene
 Concen: 5.142 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094599.D
 Acq: 27 Oct 2017 17:02

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

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	21.0	14.7	22.1

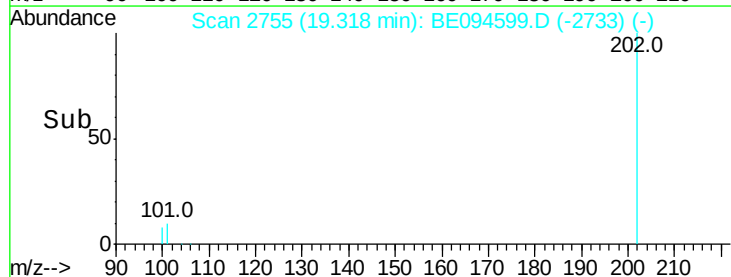
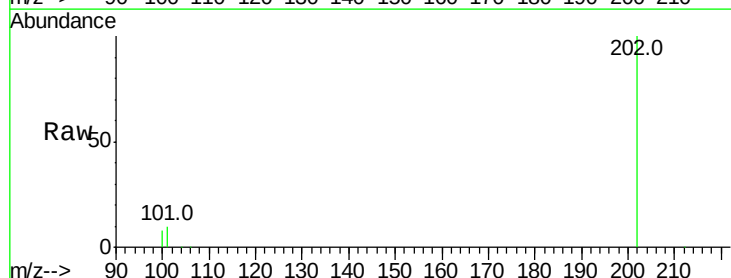
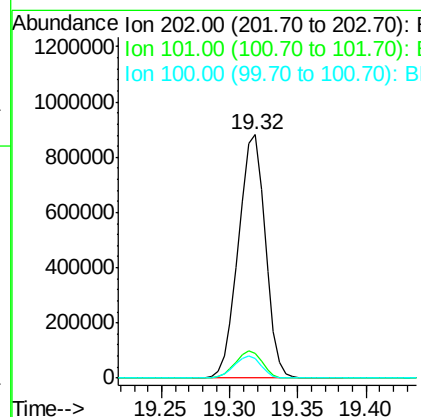
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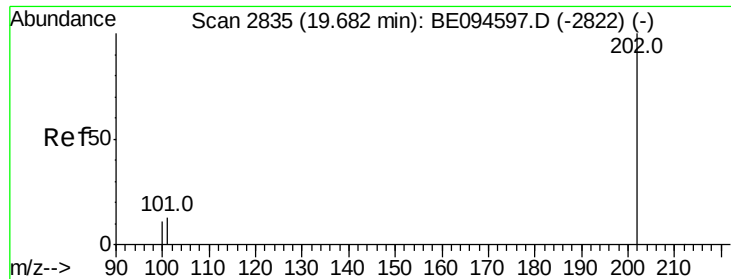
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#15
 Fluoranthene
 Concen: 50.769 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094599.D
 Acq: 27 Oct 2017 17:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
100	7.8	0.0	39.5





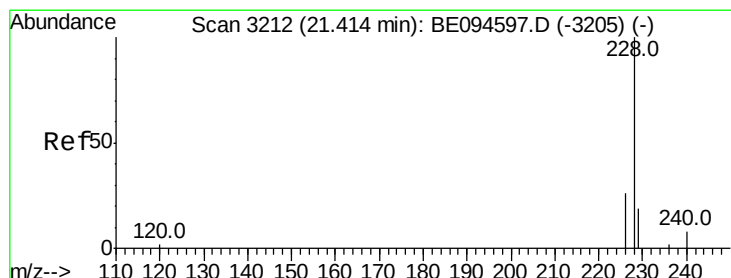
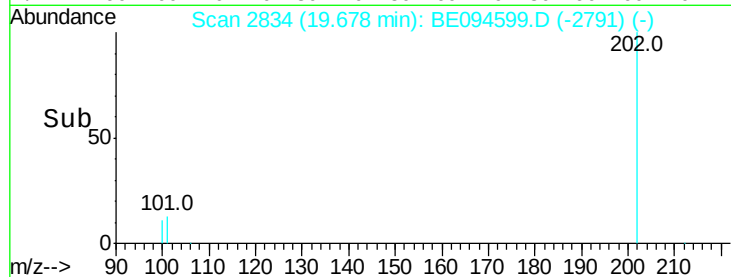
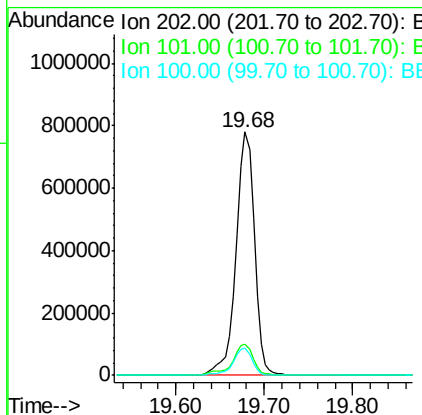
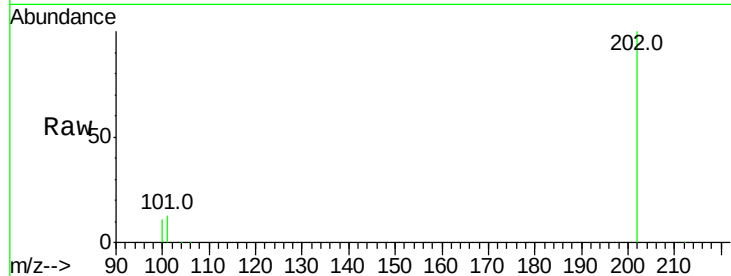
#17
Pvrene
Concen: 48.200 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BE094599.D
Acq: 27 Oct 2017 17:02

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

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.0	15.6	23.4#

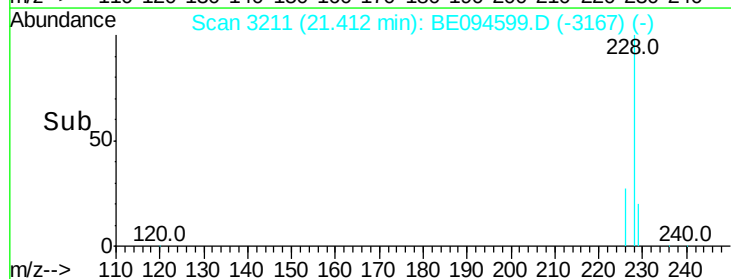
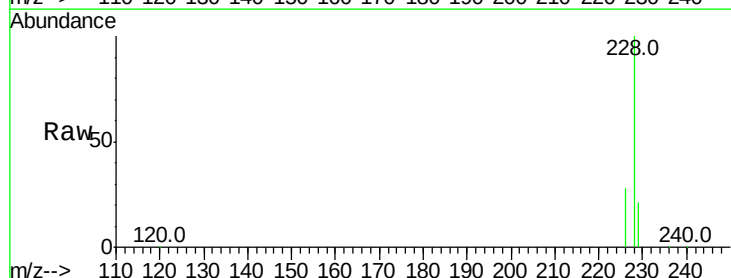
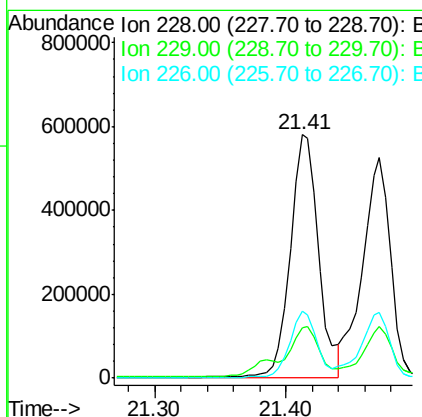
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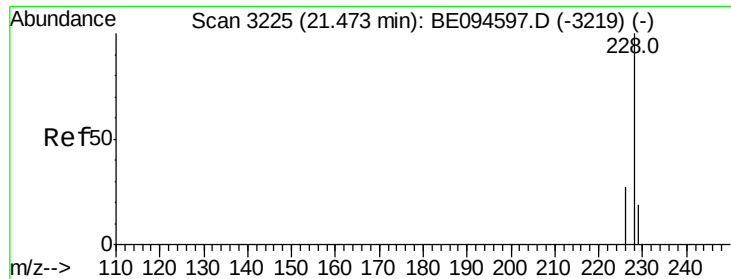
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#18
Benzo(a)anthracene
Concen: 40.515 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094599.D
Acq: 27 Oct 2017 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 35.038 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Instrument :

BNA_E

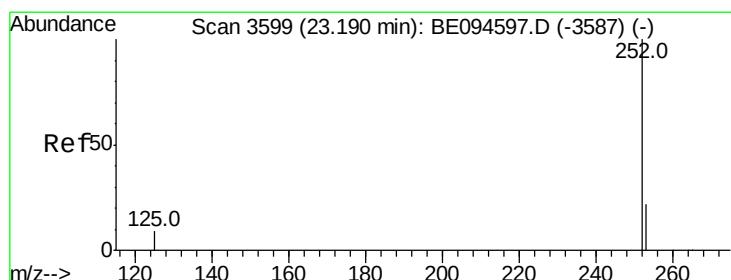
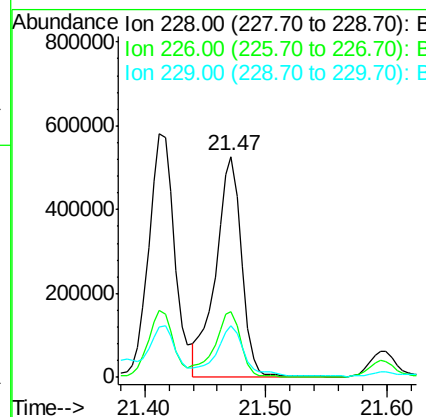
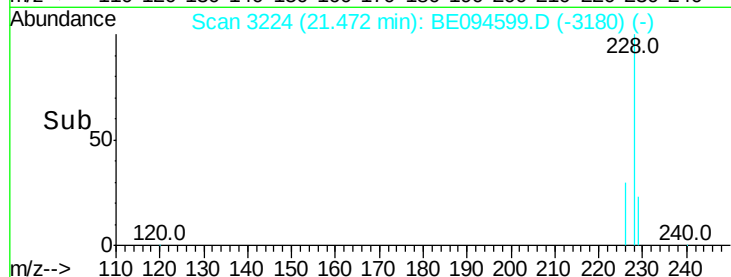
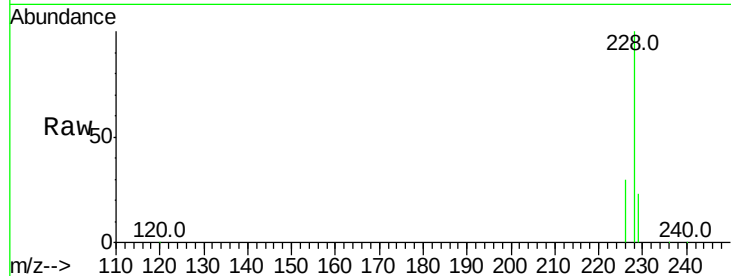
ClientSampleId :

B-25(0.5-1.5)-100517MS

Tot Ion:	228	Resp:	781162
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	23.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 46.812 ng/ul m

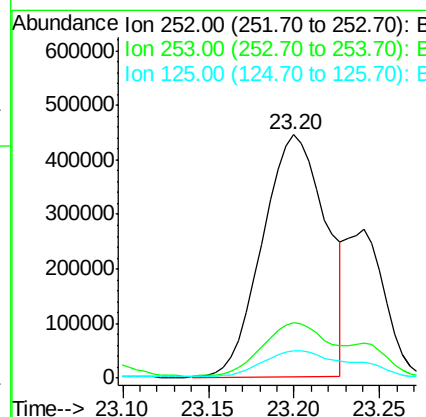
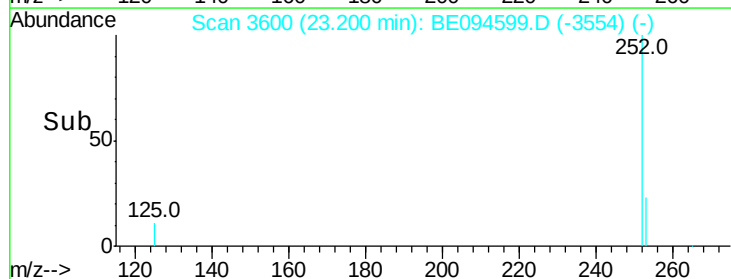
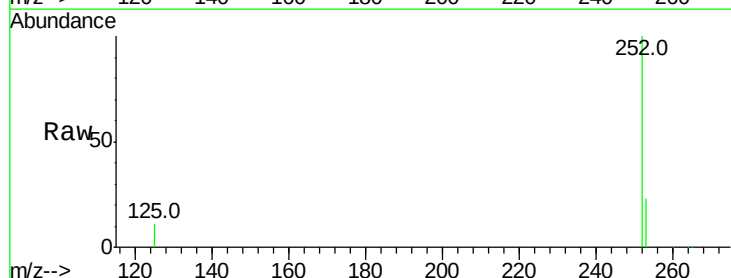
RT: 23.20 min Scan# 3600

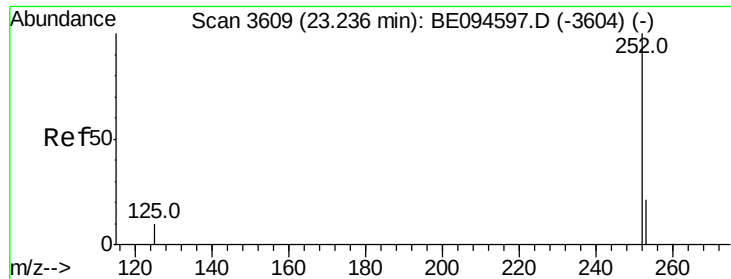
Delta R.T. 0.01 min

Lab File: BE094599.D

Acq: 27 Oct 2017 17:02

Tgt Ion:	252	Resp:	1147844
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	11.1	0.0	35.0





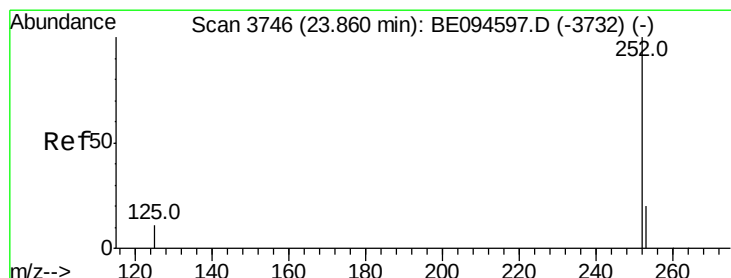
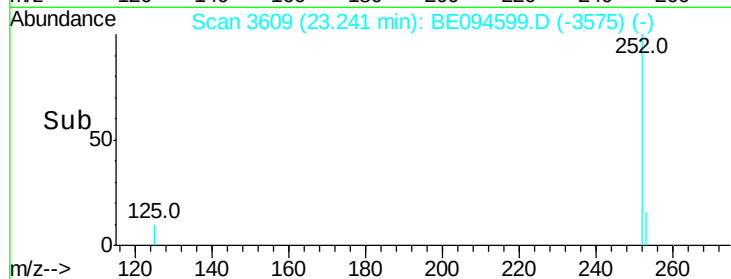
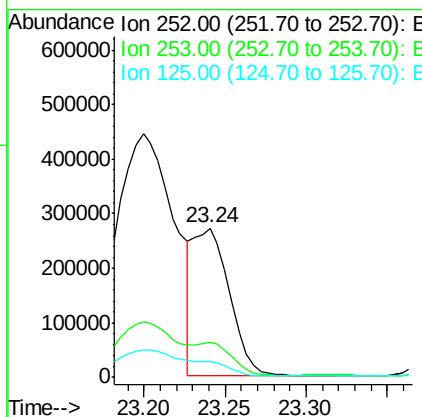
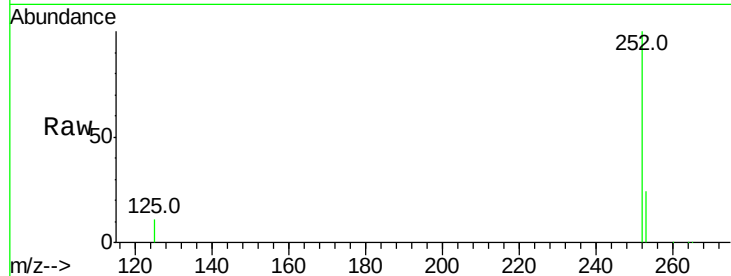
#22
Benzo(k)fluoranthene
Concen: 15.759 ng/ul m
RT: 23.24 min Scan# 3609
Delta R.T. 0.00 min
Lab File: BE094599.D
Acq: 27 Oct 2017 17:02

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	11.0	13.7	20.5#

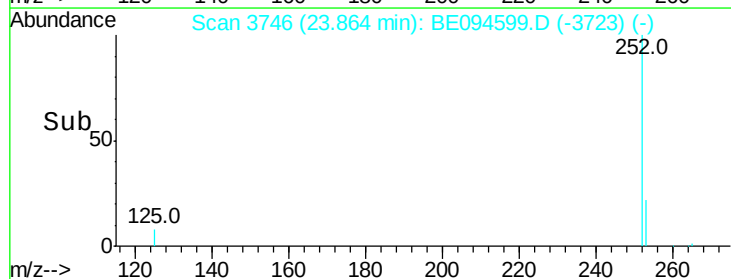
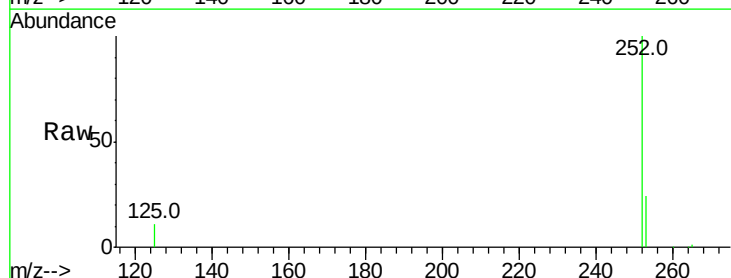
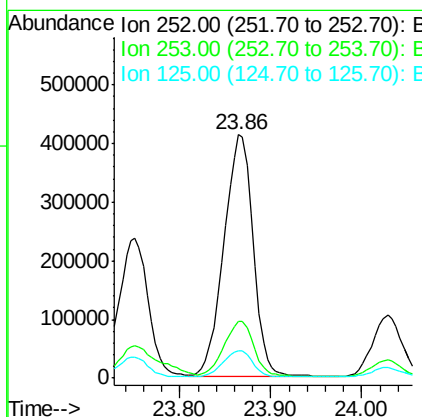
Manual Integrations
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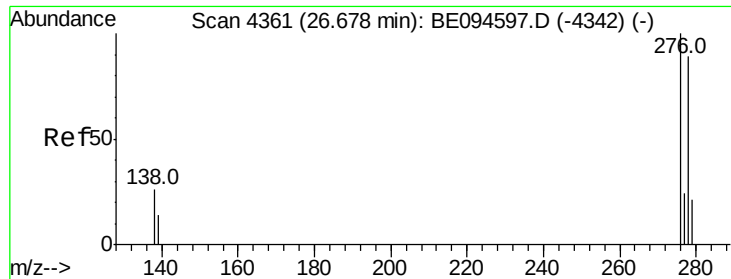
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#23
Benzo(a)pyrene
Concen: 37.398 ng/ul
RT: 23.86 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE094599.D
Acq: 27 Oct 2017 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	11.4	18.1	27.1#





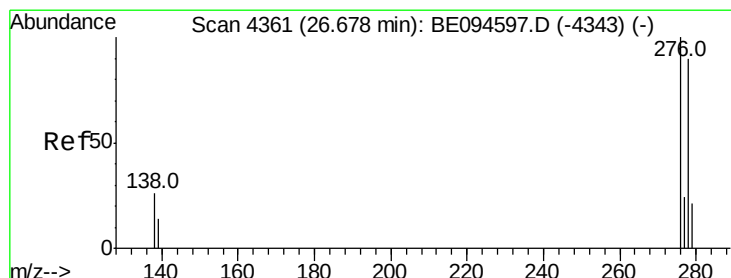
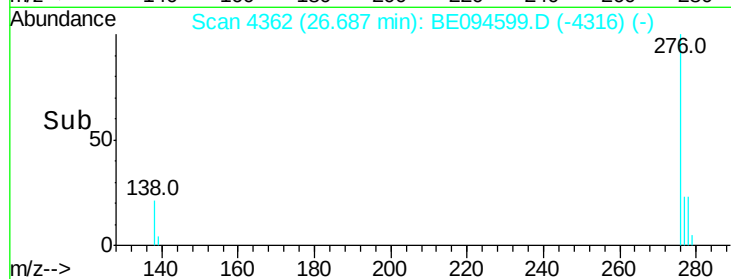
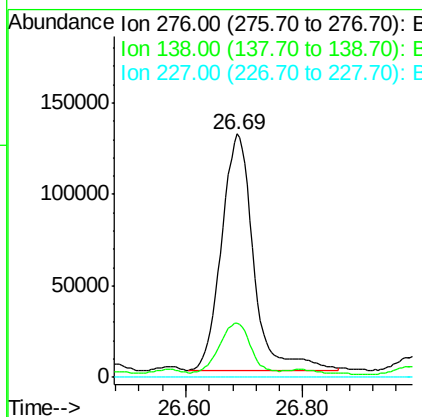
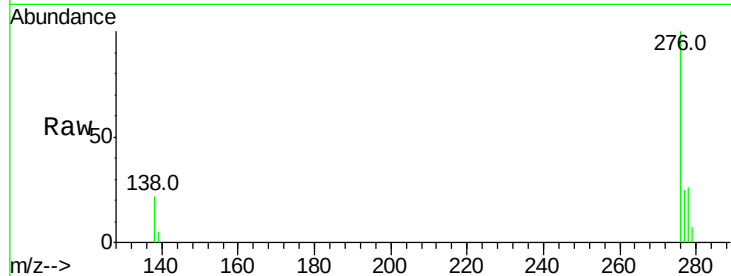
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 19.355 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094599.D
 Acq: 27 Oct 2017 17:02

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	490898		
138	20.7		28.0	42.0#
227	0.0		8.0	12.0#

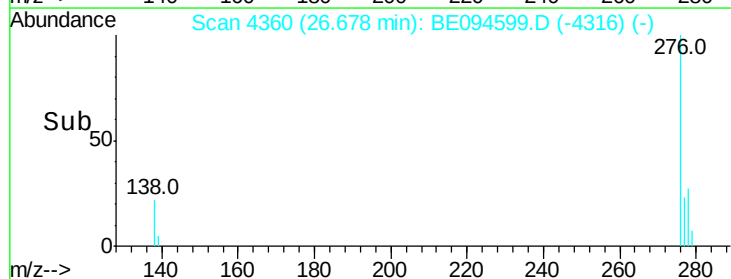
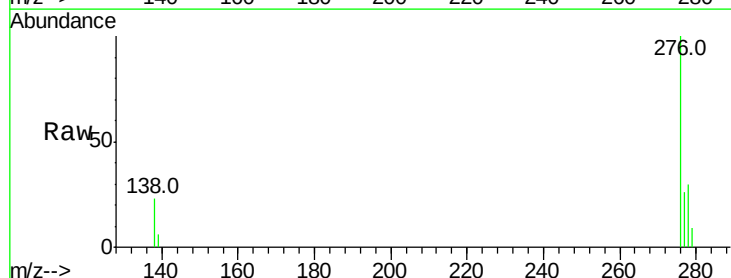
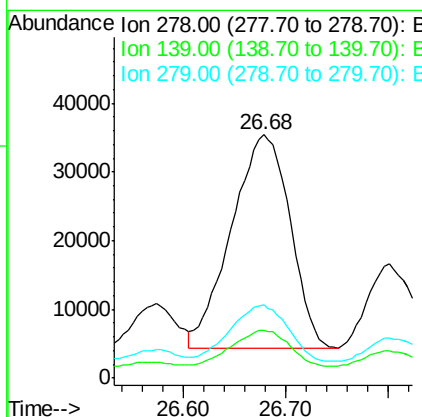
Manual Integrations
 APPROVED

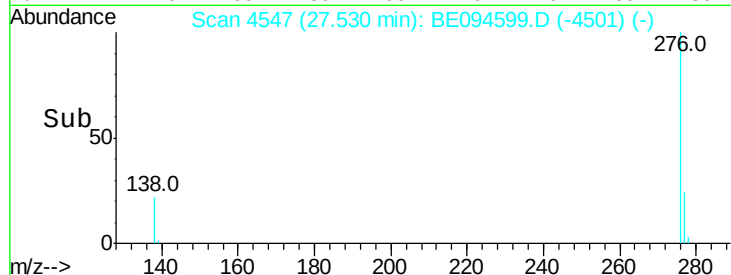
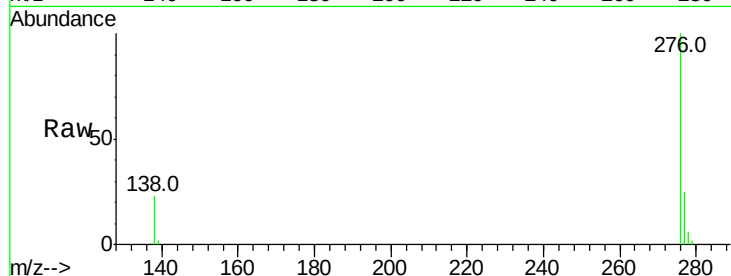
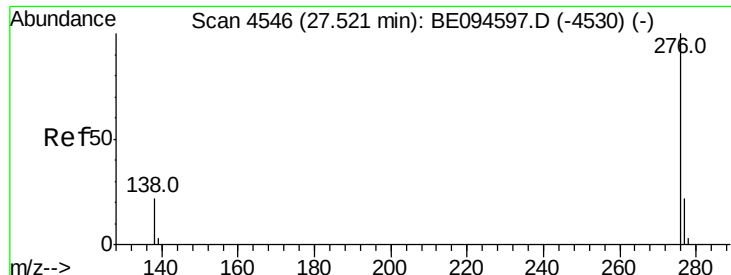
Sohil
 10/30/2017 6:36:54 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 5.785 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: BE094599.D
 Acq: 27 Oct 2017 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	123643		
139	19.6		17.4	26.0
279	30.1		25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 18.664 ng/ul
 RT: 27.53 min Scan# 4547
 Delta R.T. 0.01 min
 Lab File: BE094599.D
 Acq: 27 Oct 2017 17:02

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.8	32.8
277	25.5	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:36:54 PM

