

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094547.D
 Acq On : 25 Oct 2017 23:45
 Operator : SJ/JU
 Sample : I5783-02 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-28(0.5-1.5)-100917

Manual Integrations
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Quant Time: Oct 26 13:11:09 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	7.90	152	1302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7238	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4344	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9537	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9345	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10023	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	513	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1155	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	8583	0.485	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2693	0.218	ng/ul	98
7) Acenaphthylene	14.24	152	11542	0.587	ng/ul	99
8) Acenaphthene	14.57	153	7350	0.521	ng/ul	93
9) Fluorene	15.57	166	12772	0.806	ng/ul	94
12) Phenanthrene	17.29	178	357727	14.201	ng/ul#	90
13) Anthracene	17.38	178	103774	4.175	ng/ul#	90
15) Fluoranthene	19.31	202	827798	28.424	ng/ul	83
17) Pyrene	19.67	202	897398	31.063	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	609019	22.797	ng/ul#	87
19) Chrysene	21.46	228	601276	21.775	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	781505m	27.719	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	248144m	8.213	ng/ul	
23) Benzo(a)pyrene	23.85	252	551107	19.555	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.65	276	353567	12.124	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	93592	3.809	ng/ul	94
26) Benzo(g,h,i)perylene	27.49	276	279956	11.955	ng/ul	95

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

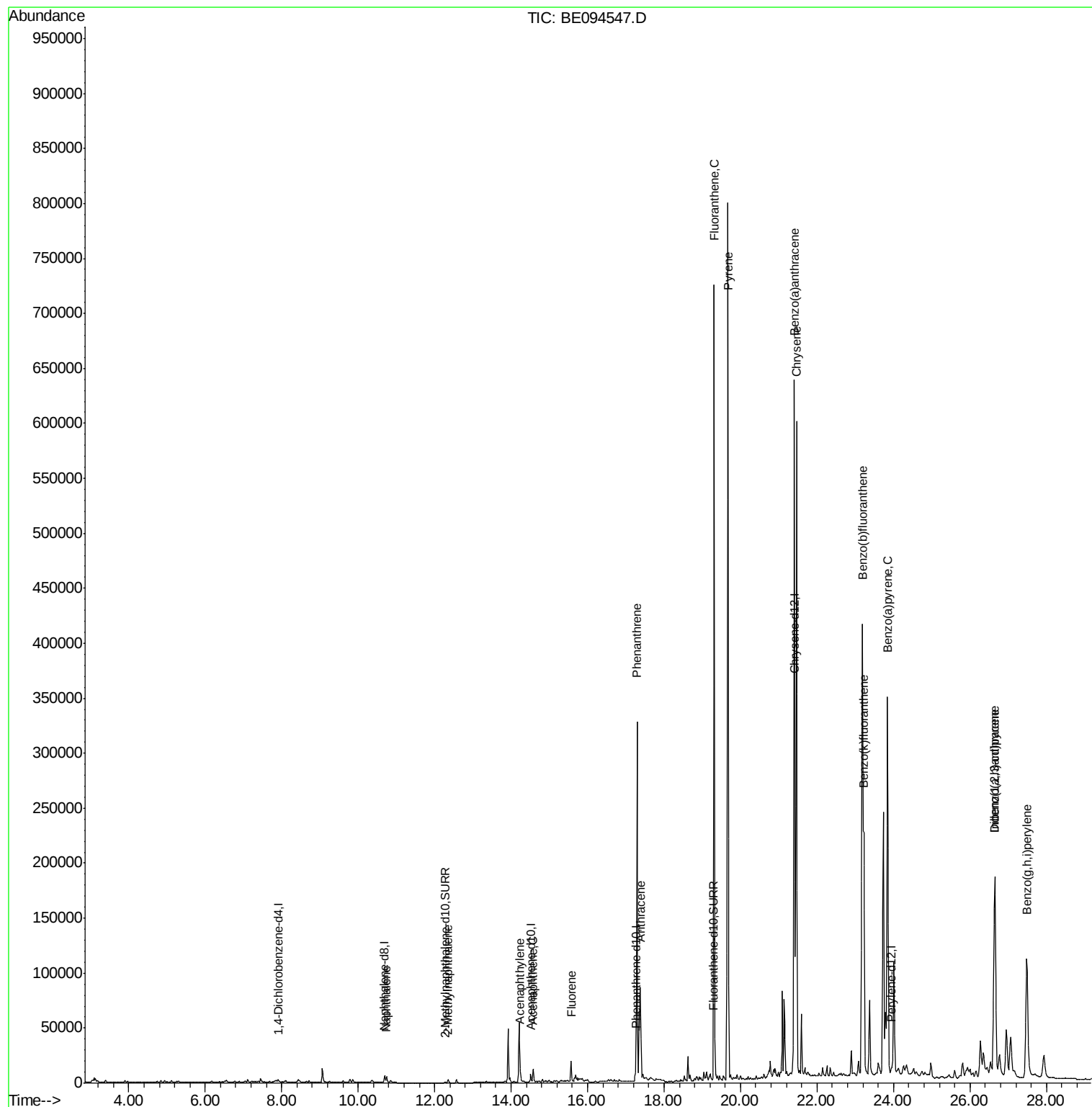
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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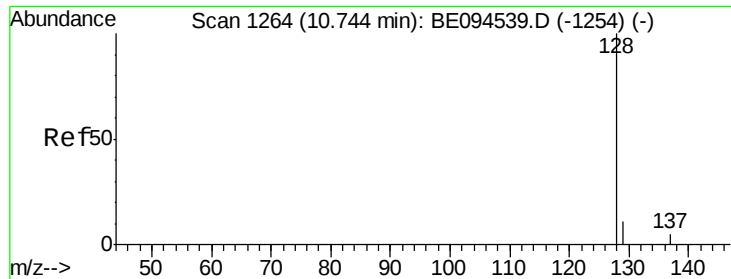
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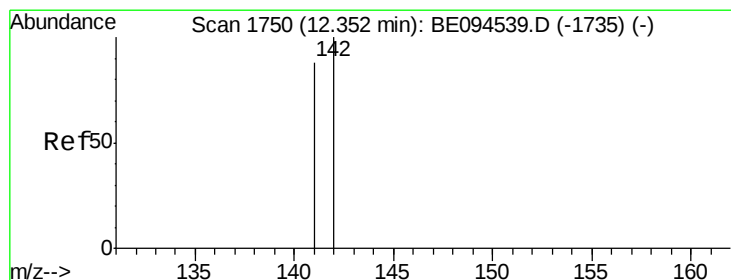
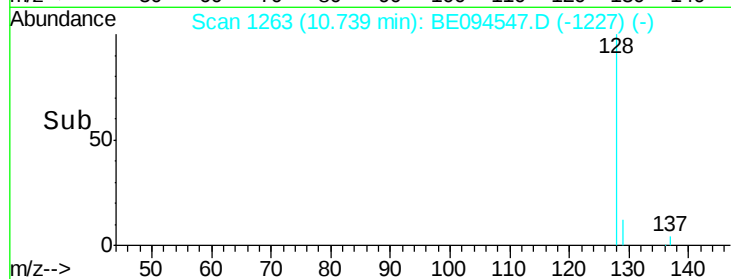
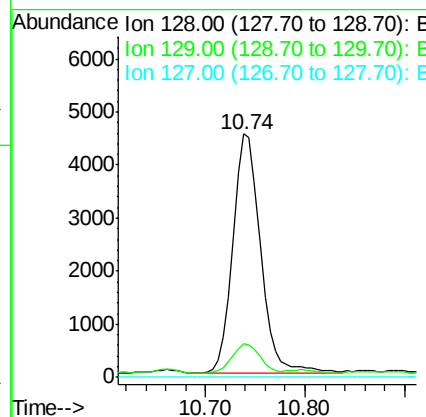
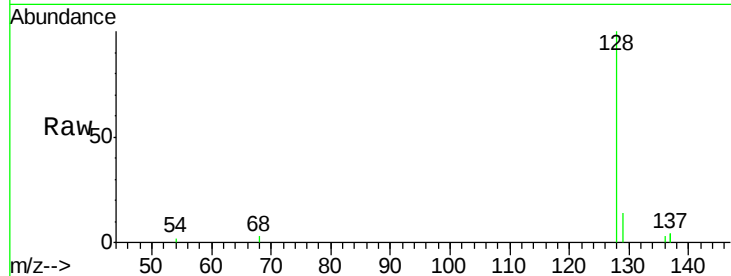
#3
Naphthalene
Concen: 0.485 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BE094547.D
Acq: 25 Oct 2017 23:45

Instrument :
BNA_E
ClientSampleId :
B-28(0.5-1.5)-100917

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0

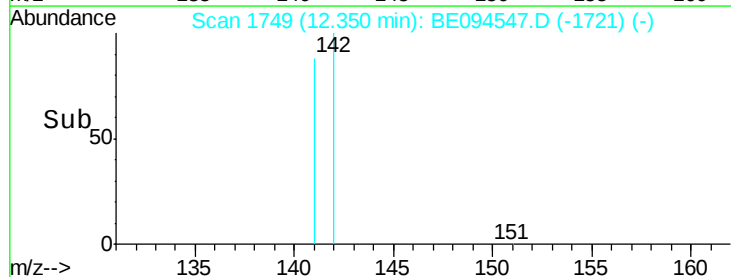
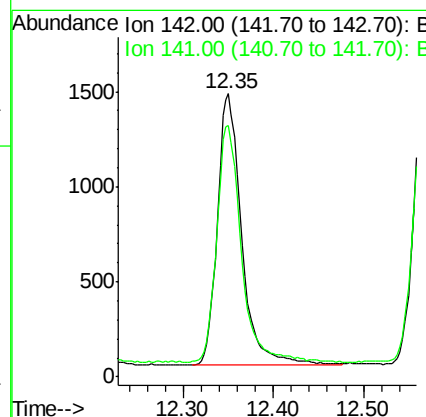
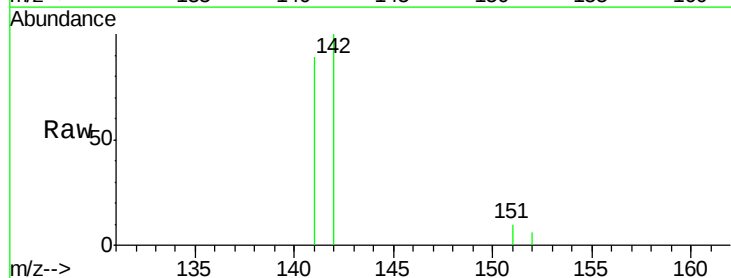
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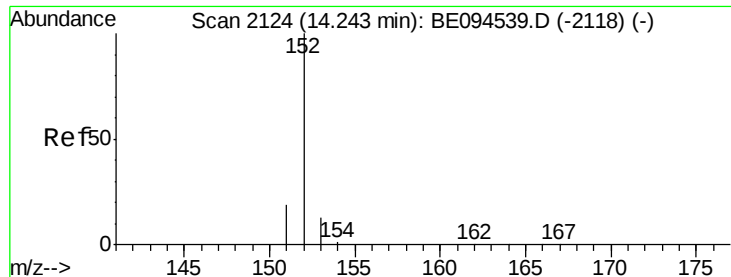
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#5
2-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BE094547.D
Acq: 25 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.587 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Instrument :

BNA_E

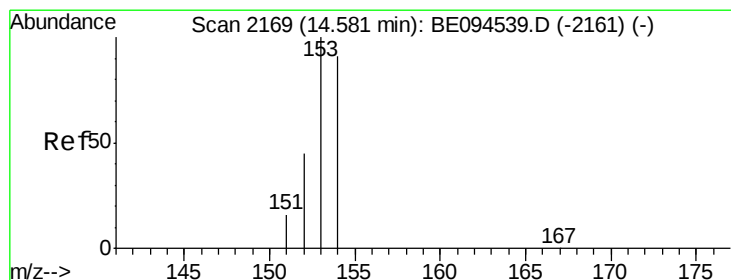
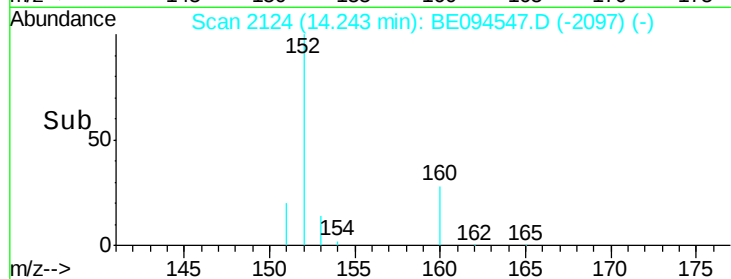
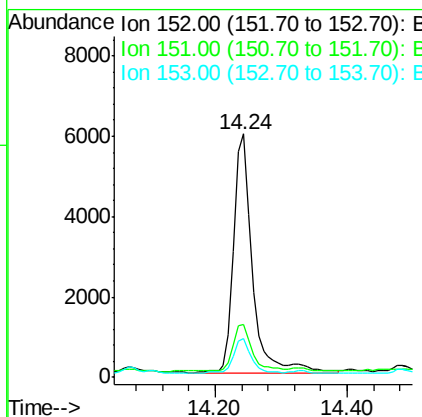
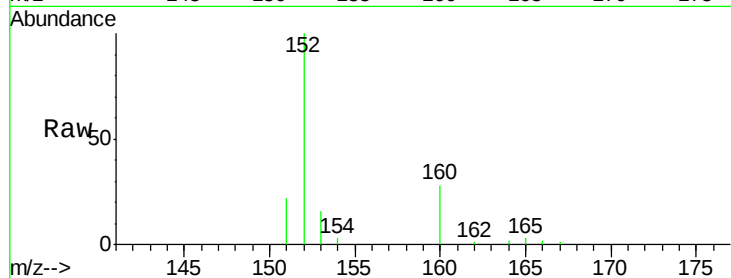
ClientSampleId :

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Tgt Ion:	152	Resp:	11542
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	15.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.521 ng/ul

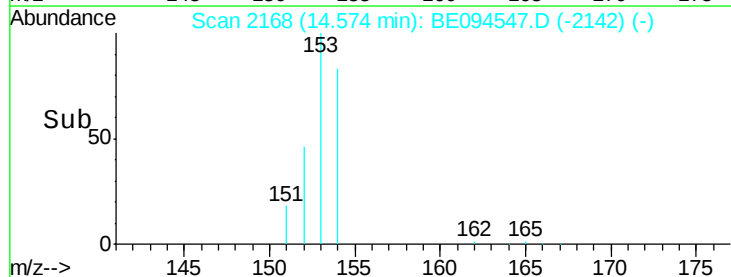
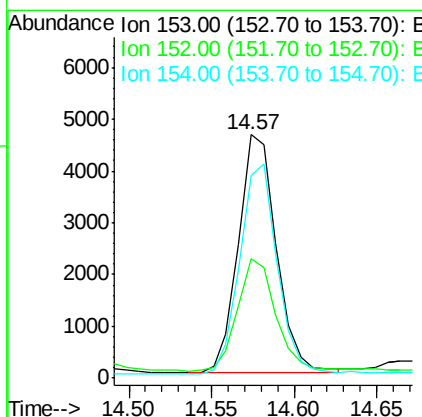
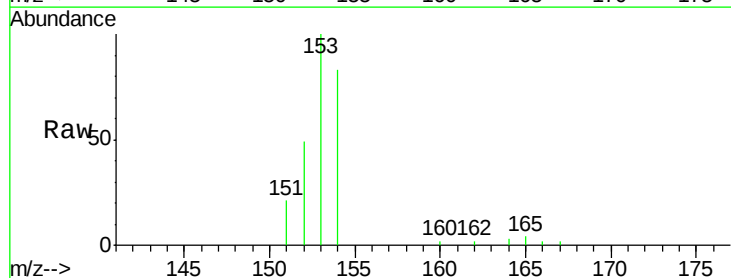
RT: 14.57 min Scan# 2168

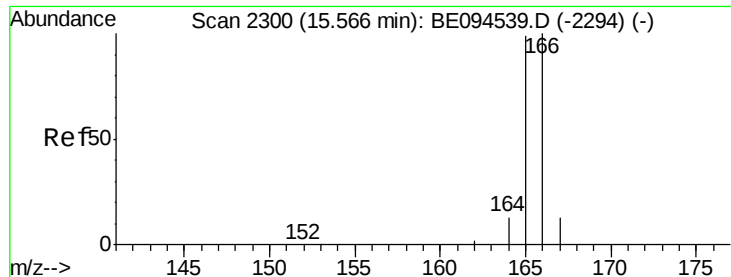
Delta R.T. -0.01 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Tgt Ion:	153	Resp:	7350
Ion Ratio	Lower	Upper	
153	100		
152	49.2	36.0	54.0
154	83.1	72.0	108.0





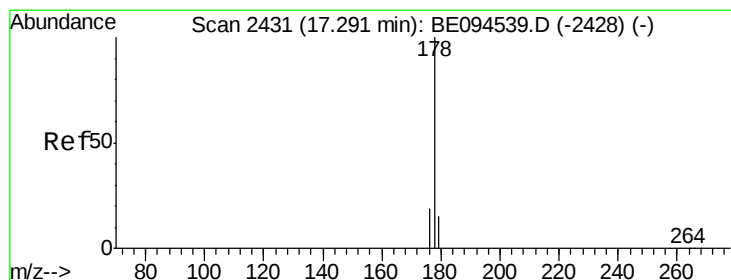
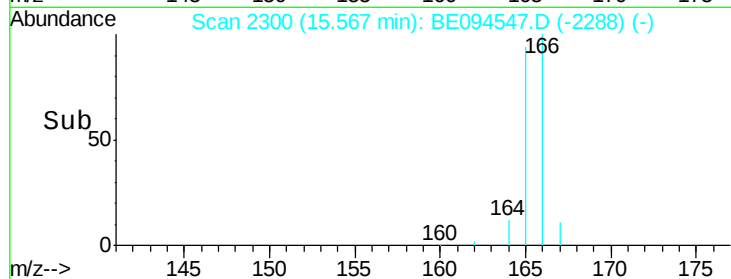
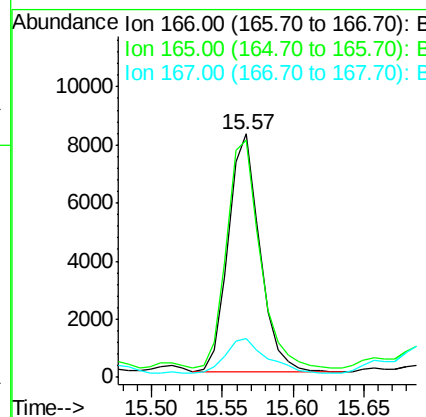
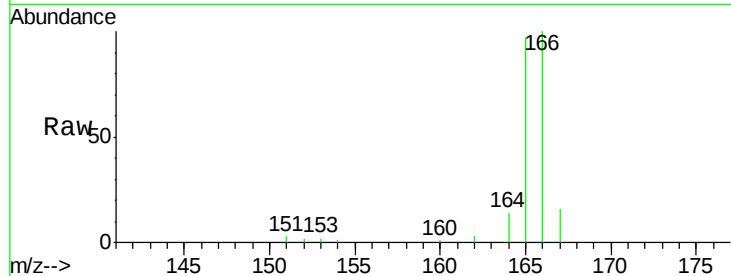
#9
Fluorene
 Concen: 0.806 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094547.D
 Acq: 25 Oct 2017 23:45

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	73.4	110.2
167	15.7	14.6	22.0

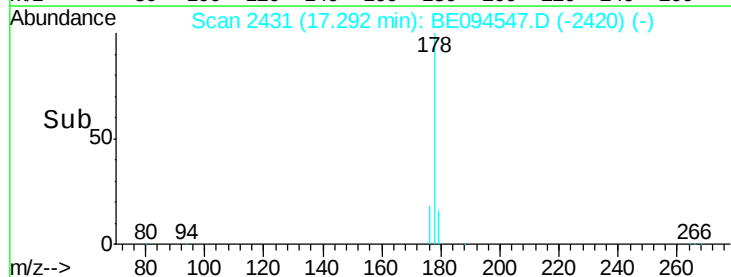
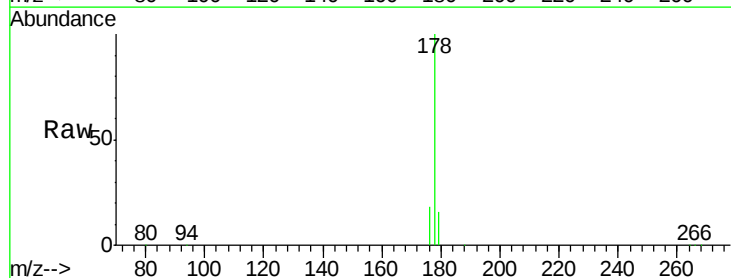
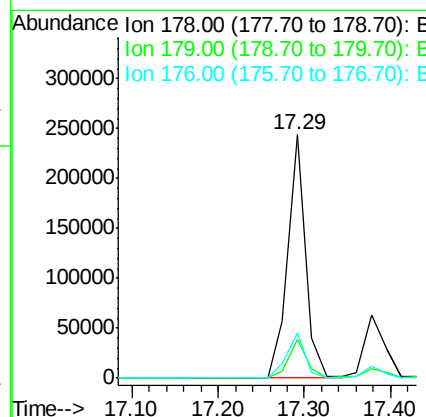
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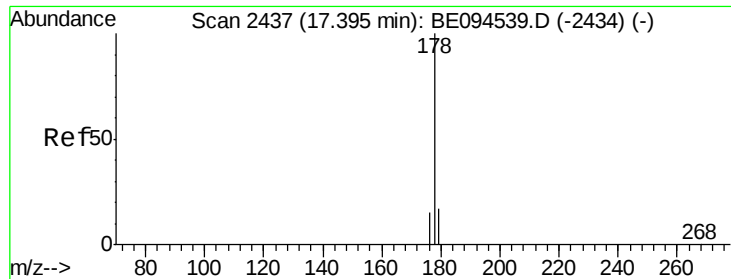
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#12
Phenanthrene
 Concen: 14.201 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094547.D
 Acq: 25 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	18.5	13.6	20.4





#13

Anthracene

Concen: 4.175 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Instrument :

BNA_E

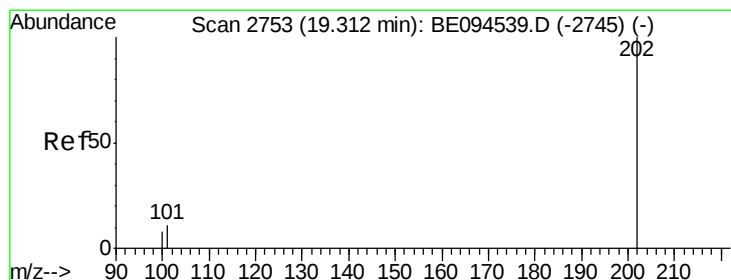
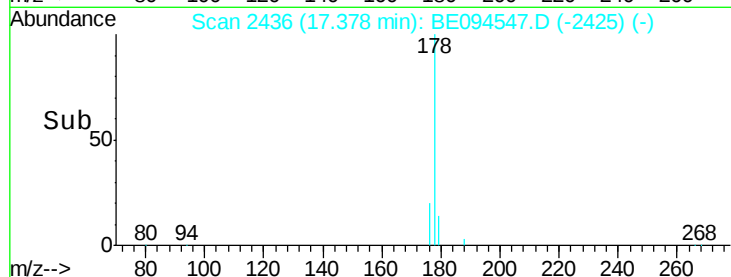
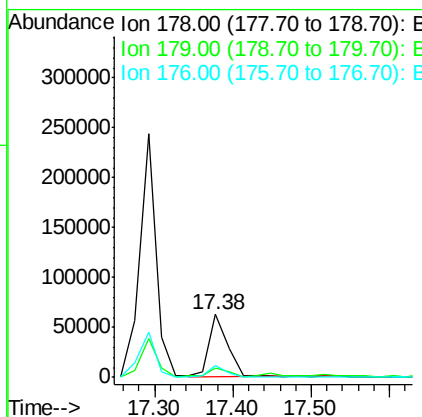
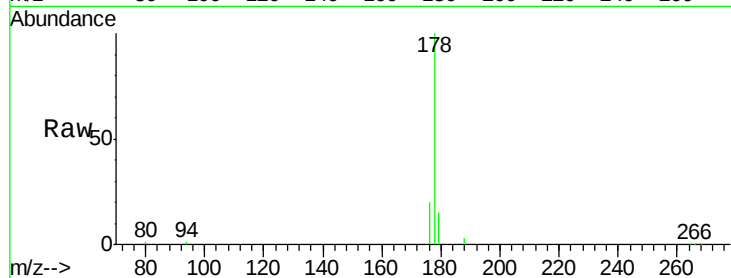
ClientSampleId :

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Tgt	Ion:178	Resp:	103774
Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.1	27.1#
176	19.7	14.7	22.1

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#15

Fluoranthene

Concen: 28.424 ng/ul

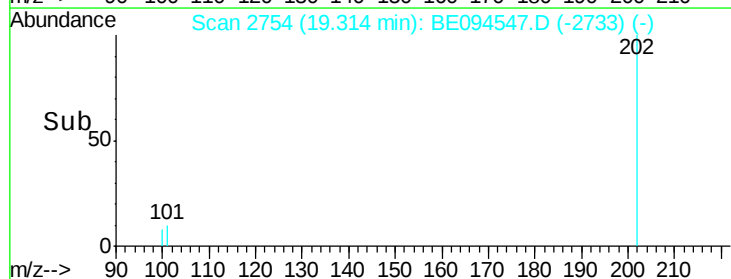
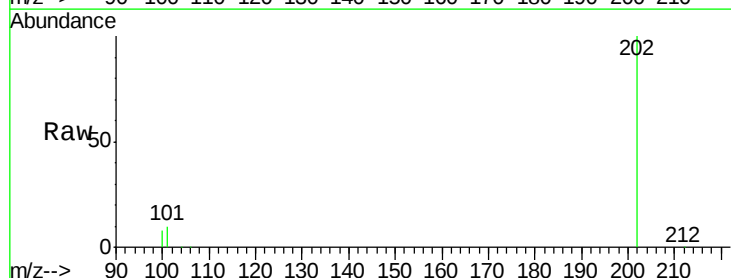
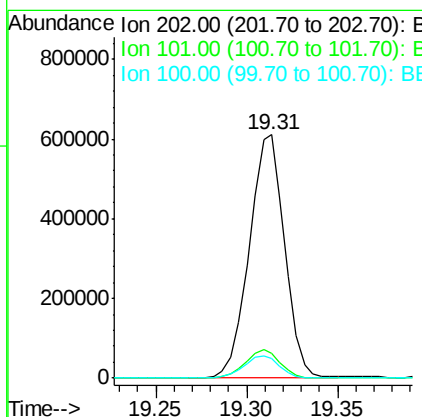
RT: 19.31 min Scan# 2754

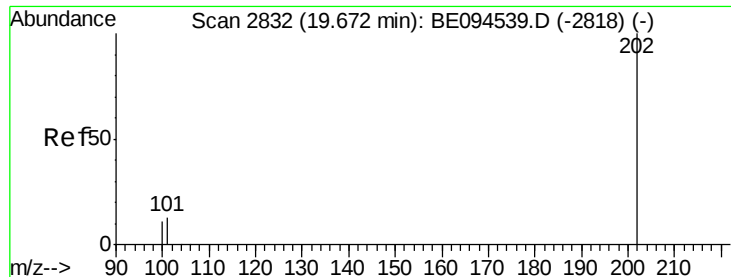
Delta R.T. -0.00 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Tgt	Ion:202	Resp:	827798
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	7.8	0.0	39.5





#17

Pyrene

Concen: 31.063 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Instrument :

BNA_E

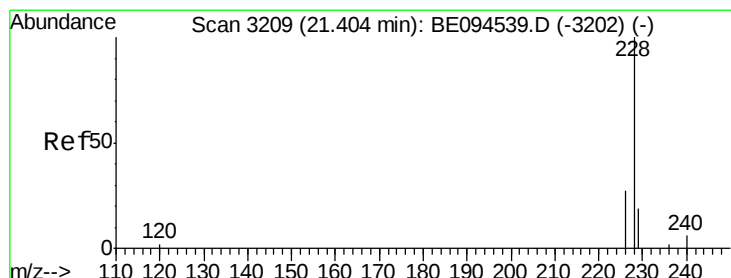
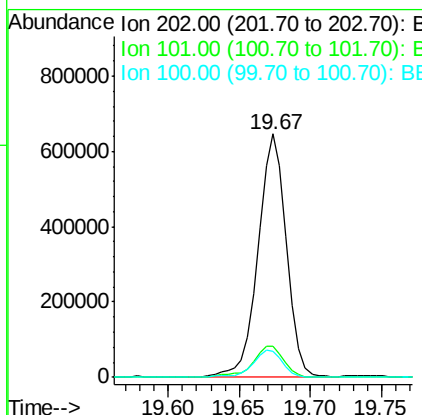
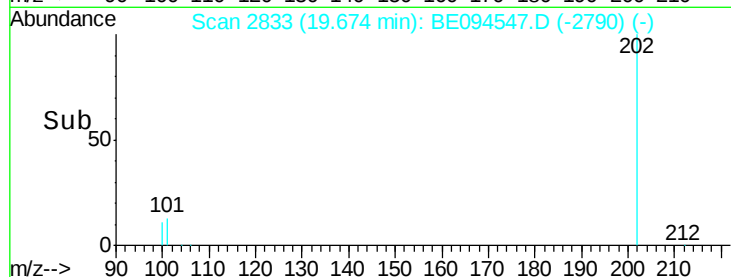
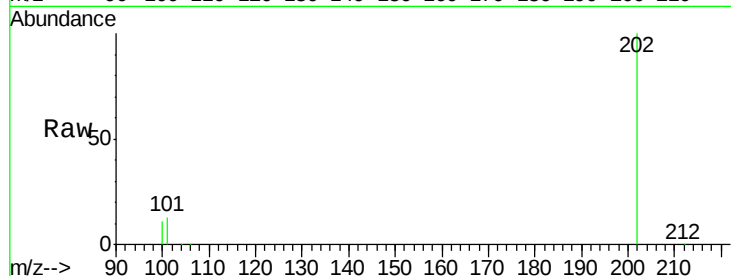
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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		897398		
101	12.7	18.2	27.4#		
100	10.8	15.6	23.4#		

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#18

Benzo(a)anthracene

Concen: 22.797 ng/ul

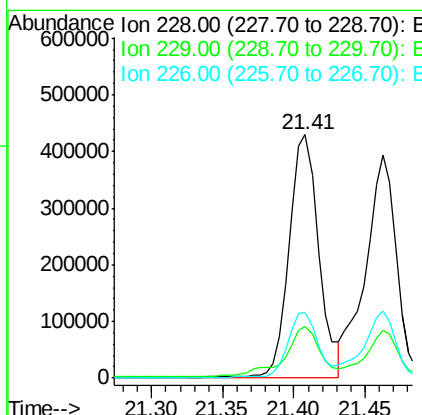
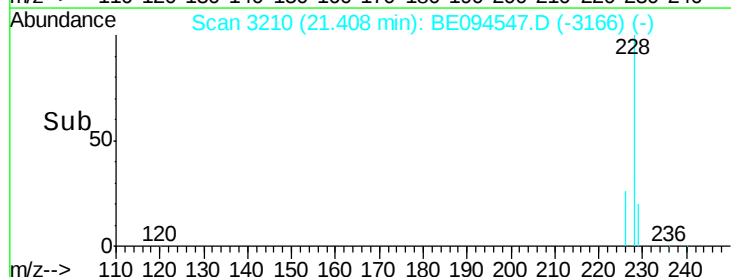
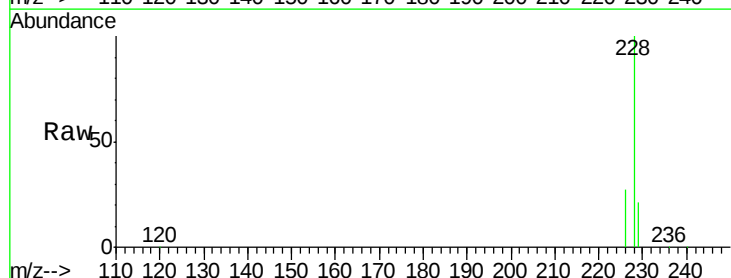
RT: 21.41 min Scan# 3210

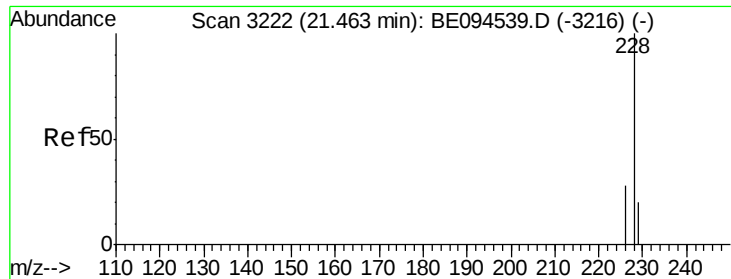
Delta R.T. -0.00 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		609019		
229	21.0	22.8	34.2#		
226	26.9	17.0	25.6#		





#19

Chrysene

Concen: 21.775 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Instrument :

BNA_E

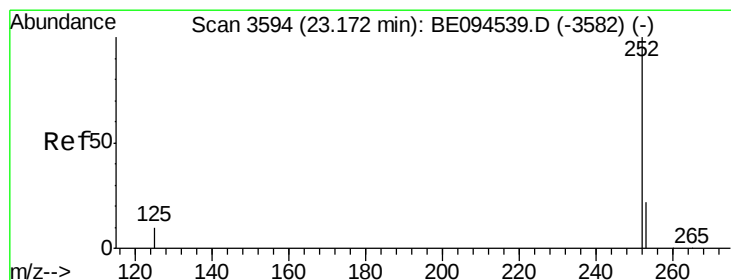
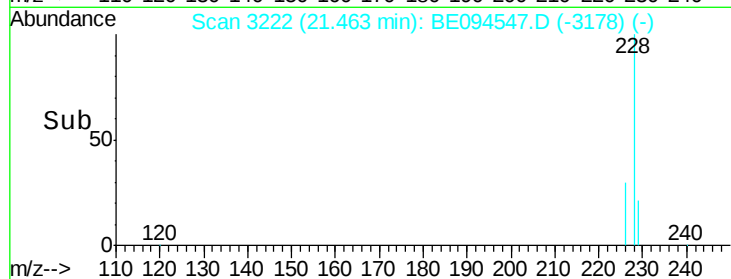
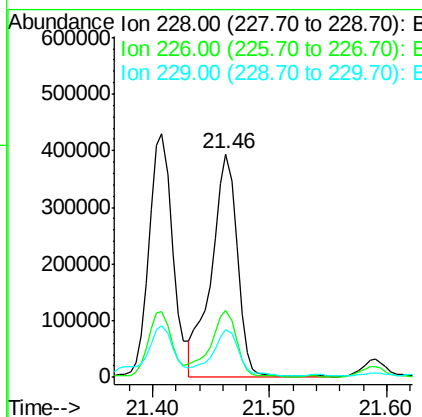
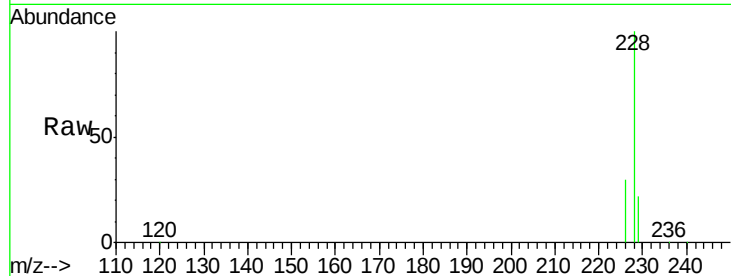
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Tgt Ion:	228	Resp:	601276
Ion Ratio		Lower	Upper
228	100		
226	30.2	23.4	35.0
229	21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 27.719 ng/ul m

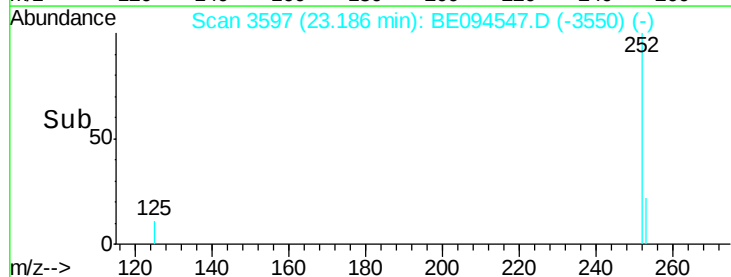
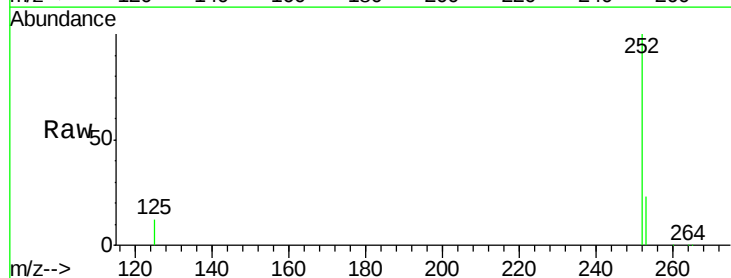
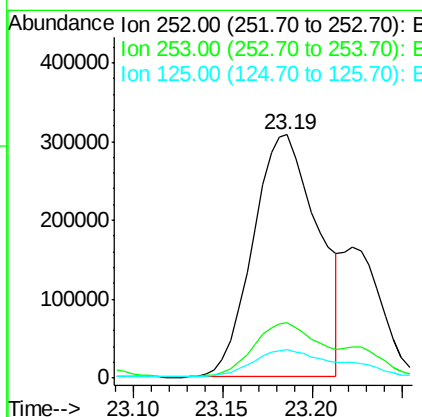
RT: 23.19 min Scan# 3597

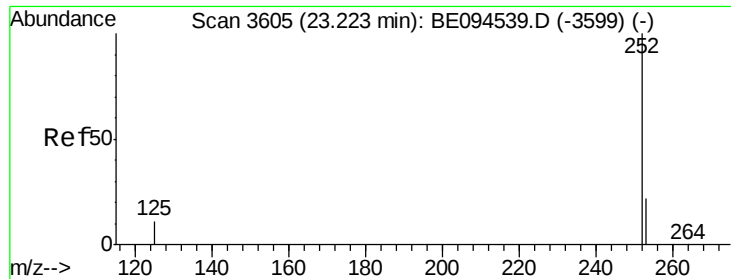
Delta R.T. 0.01 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Tgt Ion:	252	Resp:	781505
Ion Ratio		Lower	Upper
252	100		
253	22.8	0.0	64.2
125	11.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 8.213 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. 0.00 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

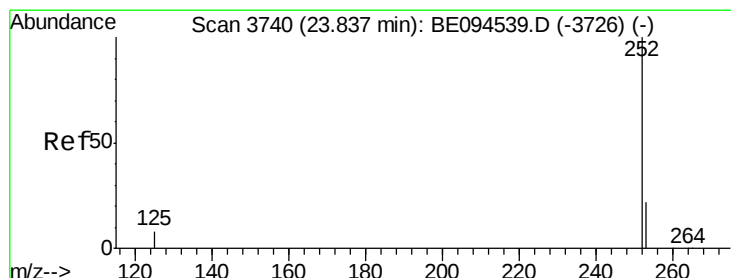
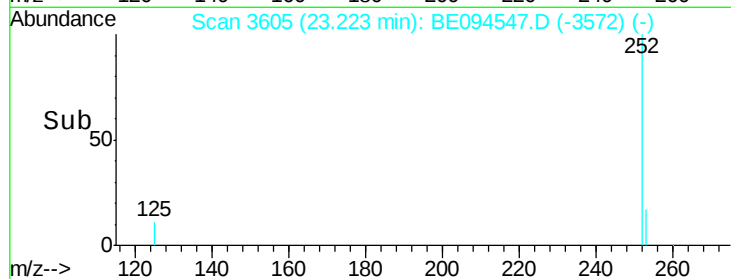
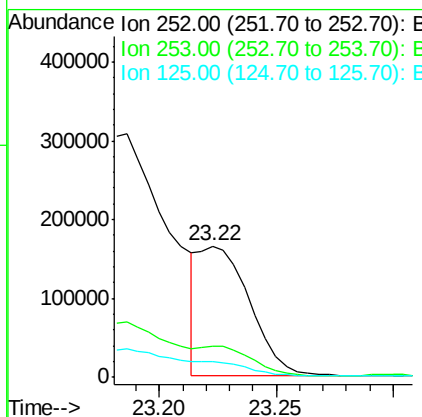
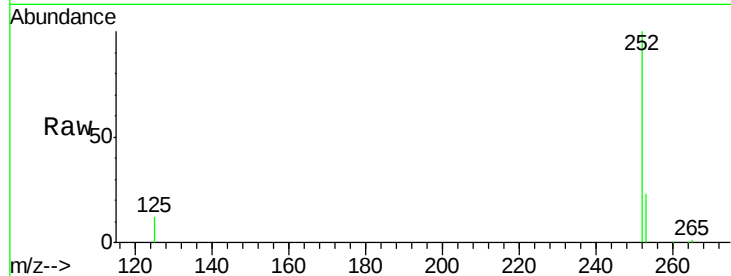
Instrument :
BNA_E

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B-28(0.5-1.5)-100917

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.5	36.7#
125	11.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 19.555 ng/ul

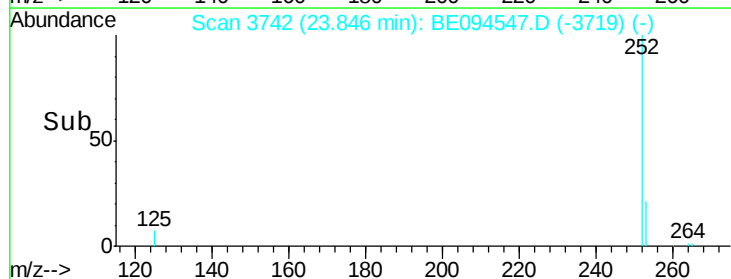
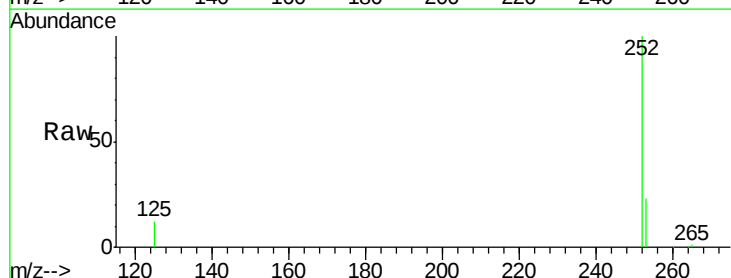
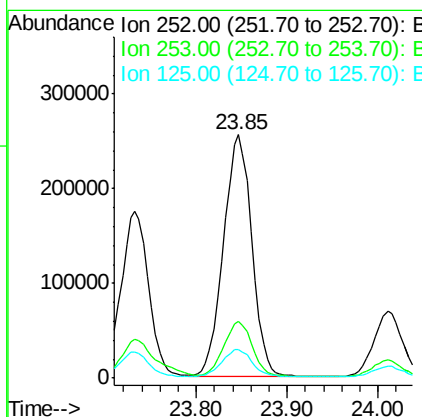
RT: 23.85 min Scan# 3742

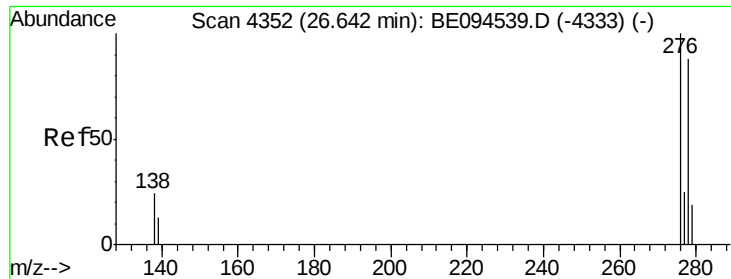
Delta R.T. 0.01 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	11.8	18.1	27.1#





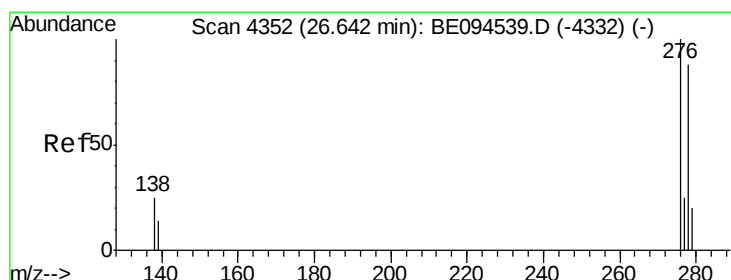
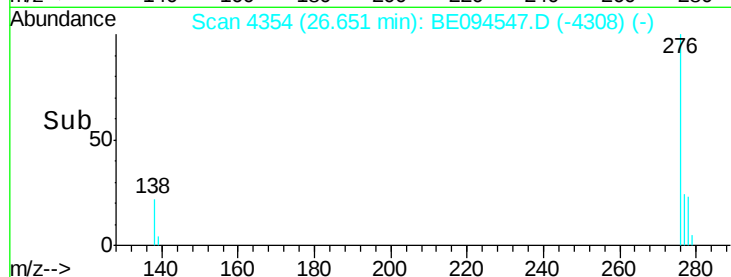
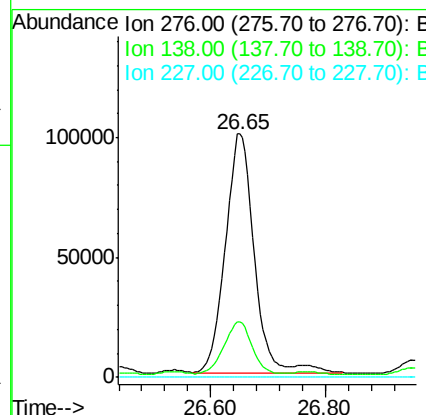
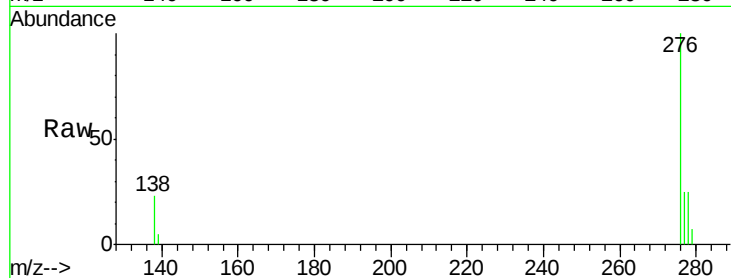
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 12.124 ng/ul
 RT: 26.65 min Scan# 4354
 Delta R.T. 0.01 min
 Lab File: BE094547.D
 Acq: 25 Oct 2017 23:45

Instrument :
 BNA_E
 ClientSampleId :
 B-28(0.5-1.5)-100917

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.5	28.0	42.0#
227	0.0	8.0	12.0#

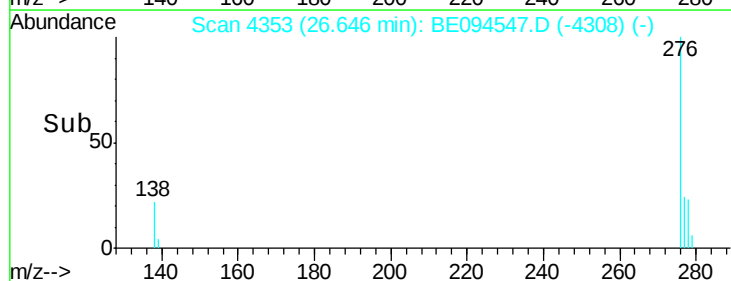
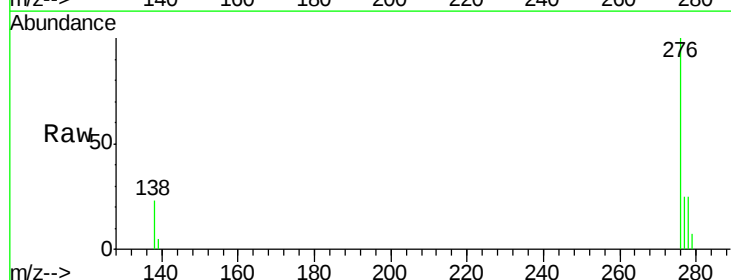
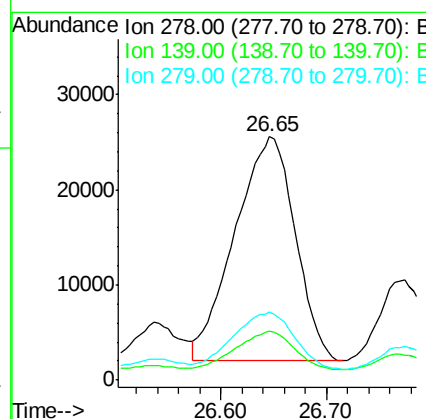
Manual Integrations
 APPROVED

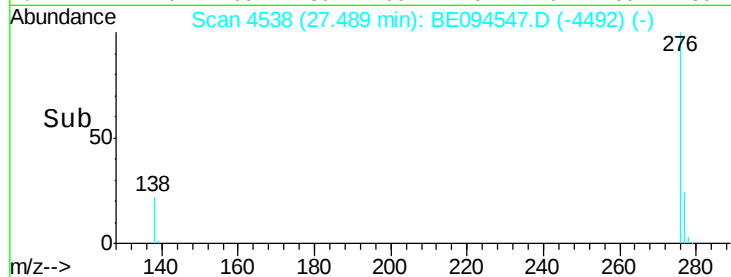
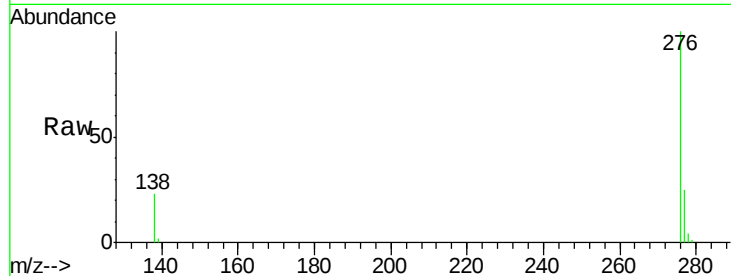
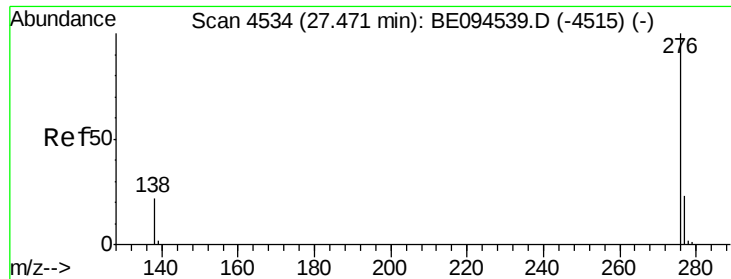
Sohil
 10/27/2017 8:56:32 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.809 ng/ul
 RT: 26.65 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BE094547.D
 Acq: 25 Oct 2017 23:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	20.1	17.4	26.0
279	27.9	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 11.955 ng/ul

RT: 27.49 min Scan# 4538

Delta R.T. 0.01 min

Lab File: BE094547.D

Acq: 25 Oct 2017 23:45

Instrument :

BNA_E

ClientSampleId :

B-28(0.5-1.5)-100917

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	23.1	21.8	32.8	
277	24.6	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:32 AM

