

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094246.D
 Acq On : 10 Oct 2017 6:41
 Operator : SJ/JU
 Sample : I5533-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-54(7-8)-092817

Manual Integrations
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Quant Time: Oct 10 11:44:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2464	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12489	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7417	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15221	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	14387	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	16264m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3827	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	8689	0.17	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	16912	0.553	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	4033	0.203	ng/ul	98
7) Acenaphthylene	14.24	152	12655	0.438	ng/ul	100
8) Acenaphthene	14.58	153	19265	0.809	ng/ul	97
9) Fluorene	15.57	166	19834	0.711	ng/ul	94
12) Phenanthrene	17.29	178	236422	5.944	ng/ul#	92
13) Anthracene	17.38	178	79152	2.046	ng/ul#	92
15) Fluoranthene	19.30	202	880049	16.839	ng/ul	84
17) Pyrene	19.67	202	933893	23.330	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	643680	16.865	ng/ul#	88
19) Chrysene	21.45	228	590993	13.408	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	608686m	13.777	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	229652m	4.497	ng/ul	
23) Benzo(a)pyrene	23.82	252	498776m	10.864	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	276570m	5.889	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	83040m	2.108	ng/ul	
26) Benzo(a,h,i)perylene	27.42	276	230295m	5.685	ng/ul	

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

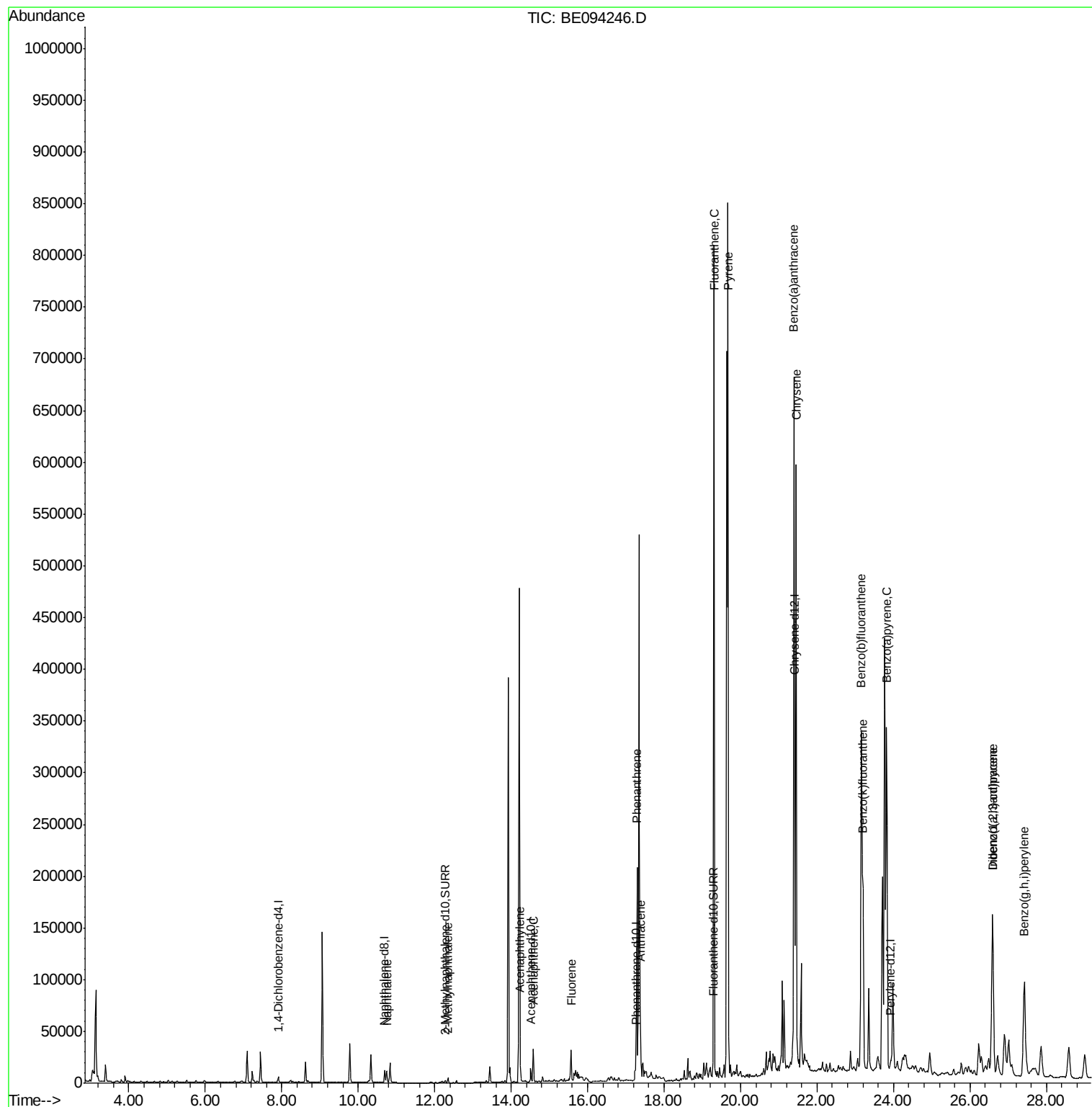
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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ALS Vial : 31 Sample Multiplier: 1

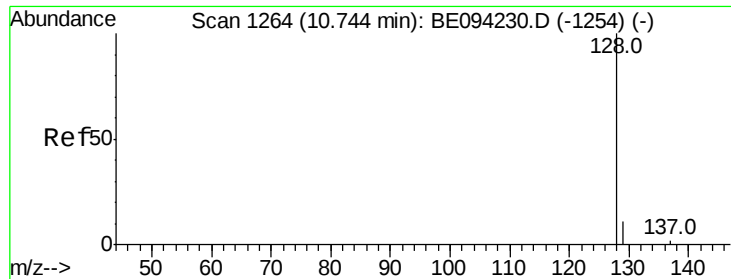
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 09 04:05:38 2017
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#3

Naphthalene

Concen: 0.553 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Instrument :

BNA_E

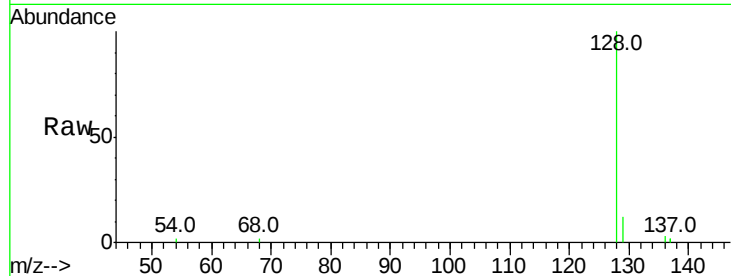
ClientSampleId :

B-54(7-8)-092817

Tot Ion:	128	Resp:	16912
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

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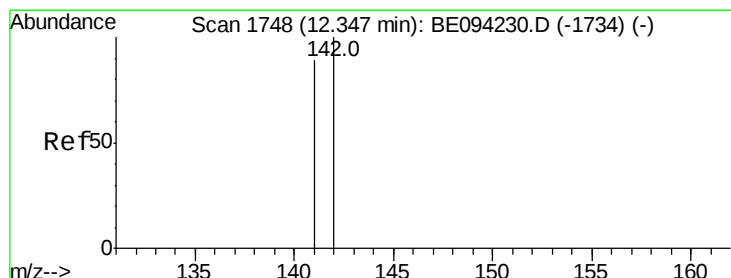
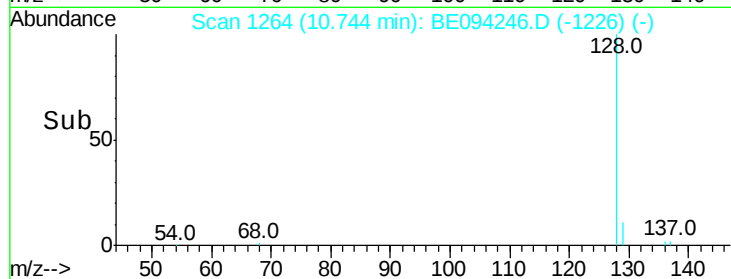
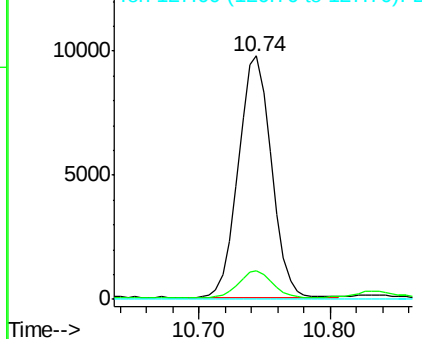
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.203 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

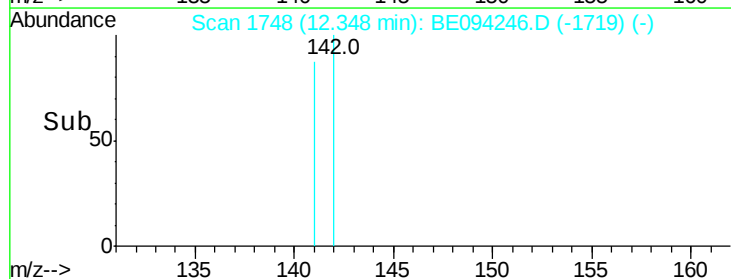
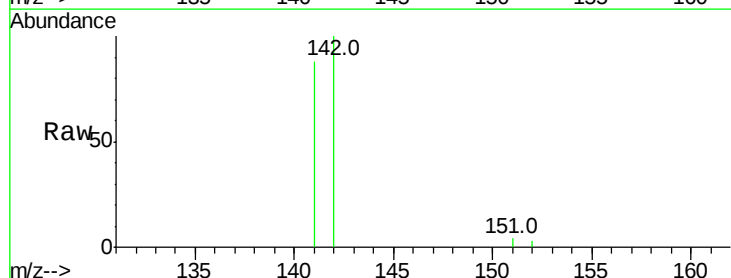
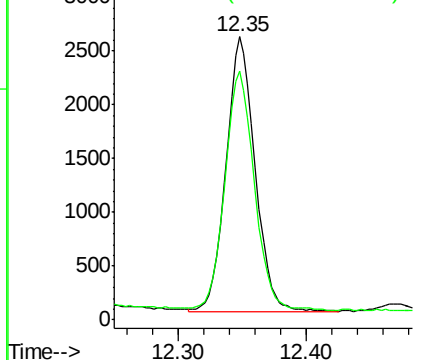
Lab File: BE094246.D

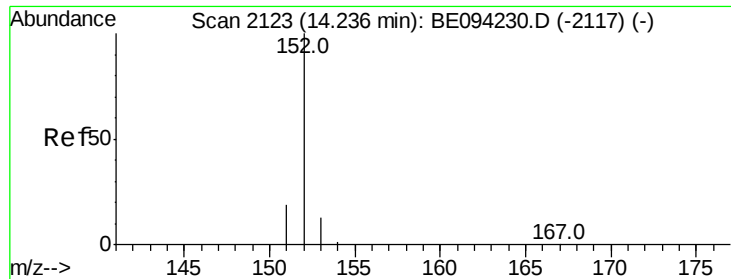
Acq: 10 Oct 2017 6:41

Tgt Ion:	142	Resp:	4033
Ion Ratio	Lower	Upper	
142	100		
141	88.6	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: 0.438 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Instrument :

BNA_E

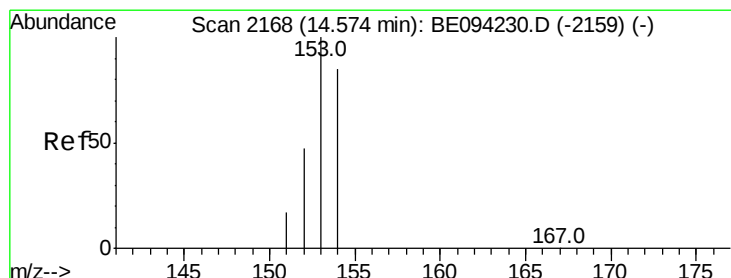
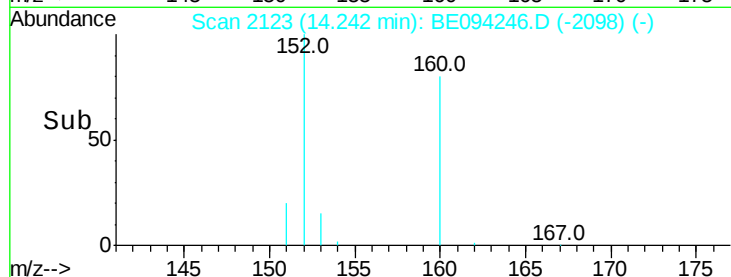
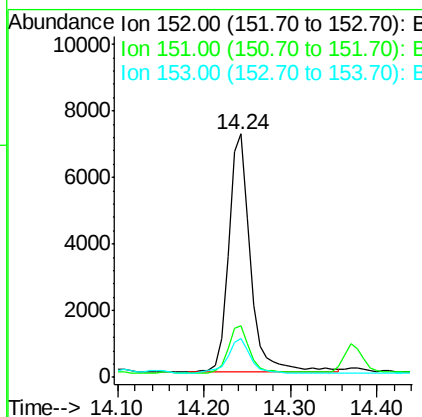
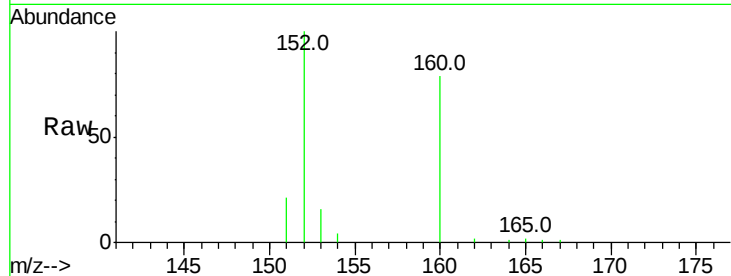
ClientSampleId :

B-54(7-8)-092817

Tot Ion:	152	Resp:	12655
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	16.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.809 ng/ul

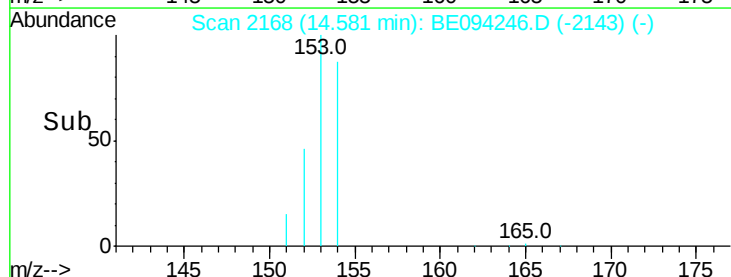
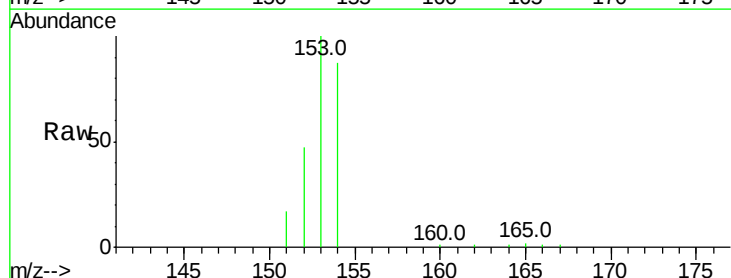
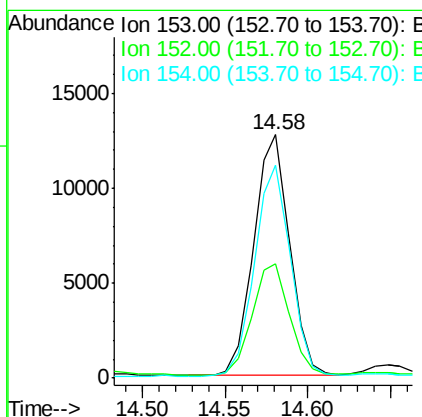
RT: 14.58 min Scan# 2168

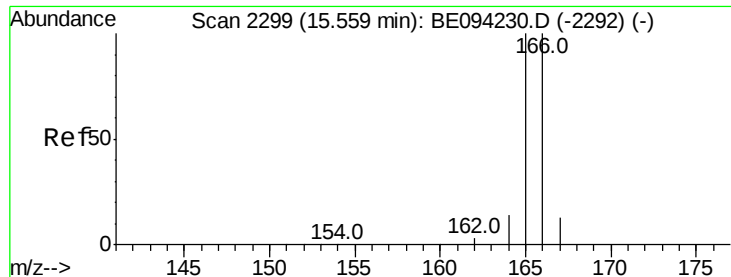
Delta R.T. -0.01 min

Lab File: BE094246.D

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Tgt Ion:	153	Resp:	19265
Ion Ratio	Lower	Upper	
153	100		
152	46.8	40.3	60.5
154	87.4	71.4	107.2





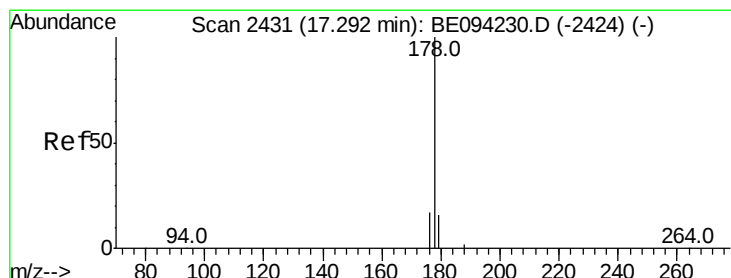
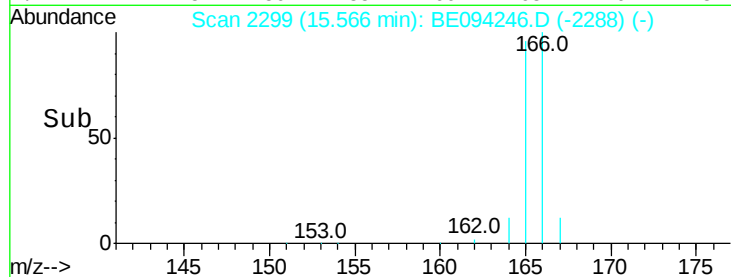
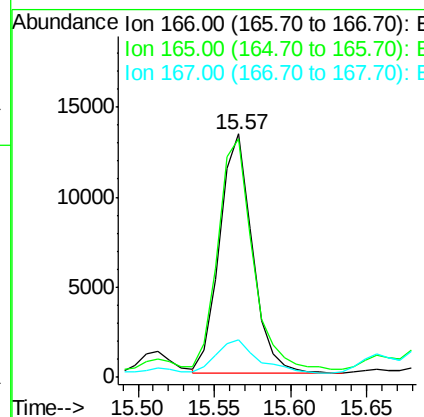
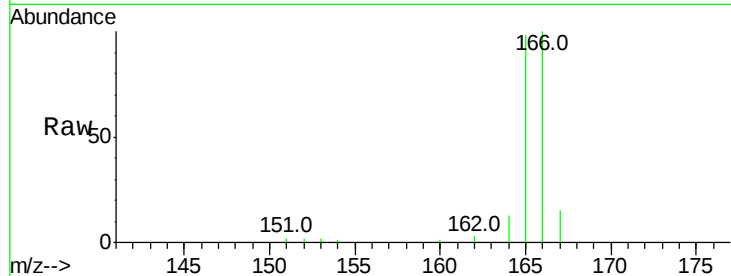
#9
Fluorene
 Concen: 0.711 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094246.D
 Acq: 10 Oct 2017 6:41

Instrument :
 BNA_E
 ClientSampleId :
 B-54(7-8)-092817

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	73.4	110.2
167	15.3	14.6	22.0

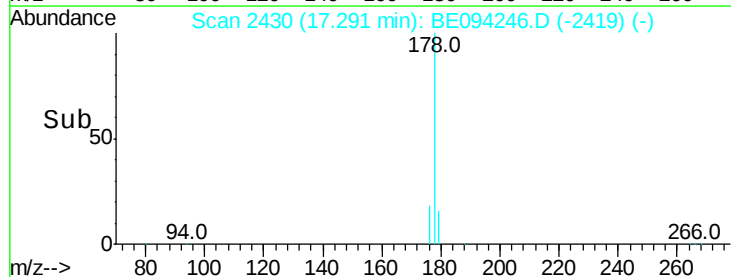
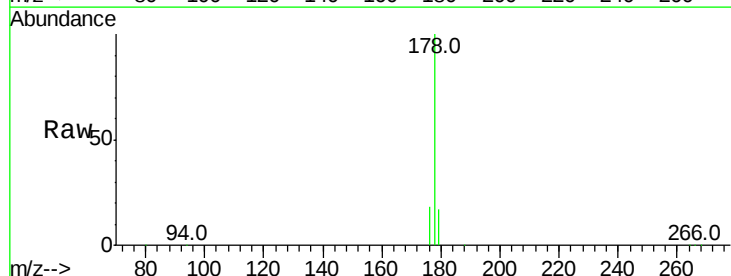
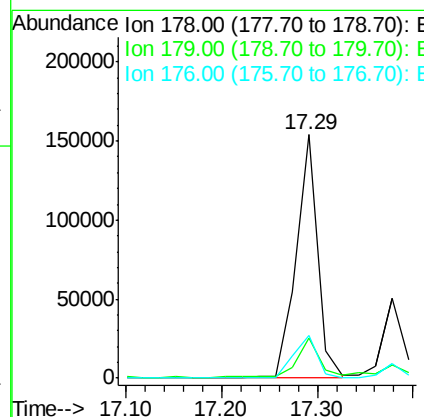
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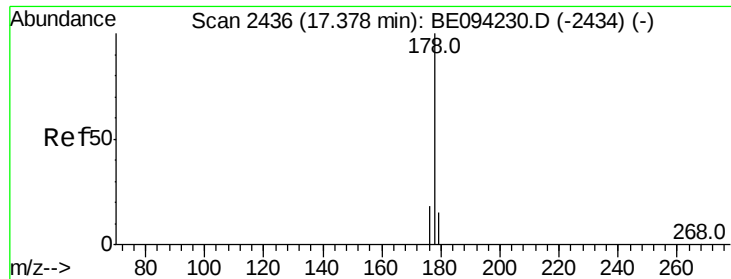
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#12
Phenanthrene
 Concen: 5.944 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094246.D
 Acq: 10 Oct 2017 6:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.4	27.6#
176	17.7	13.6	20.4





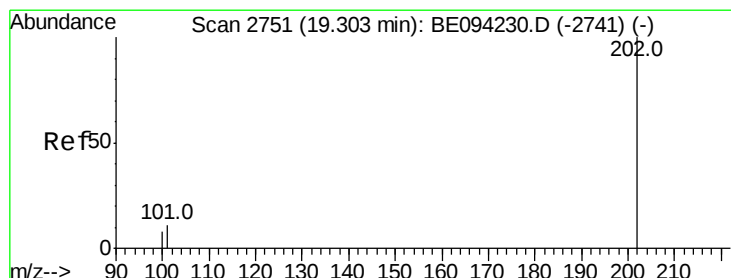
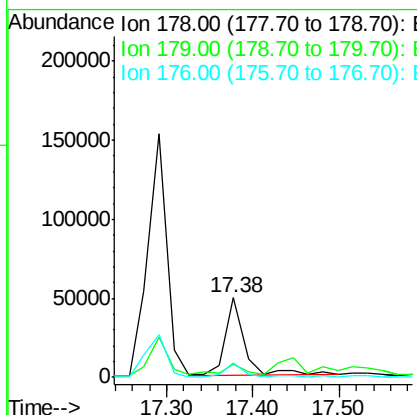
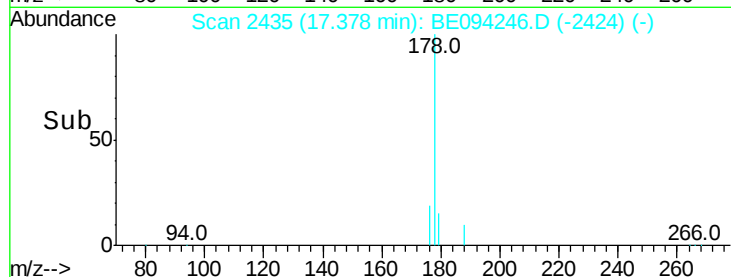
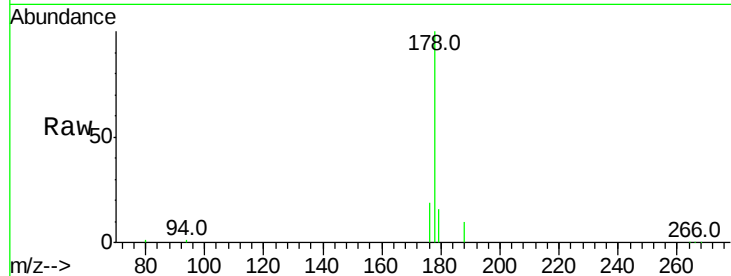
#13
 Anthracene
 Concen: 2.046 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094246.D
 Acq: 10 Oct 2017 6:41

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	19.0	14.7	22.1

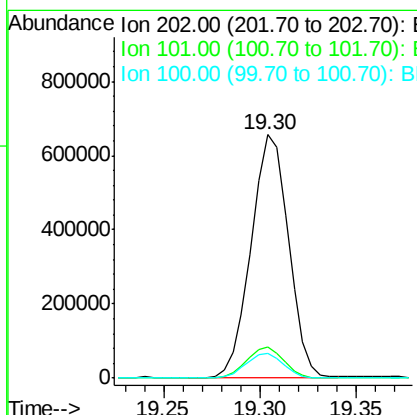
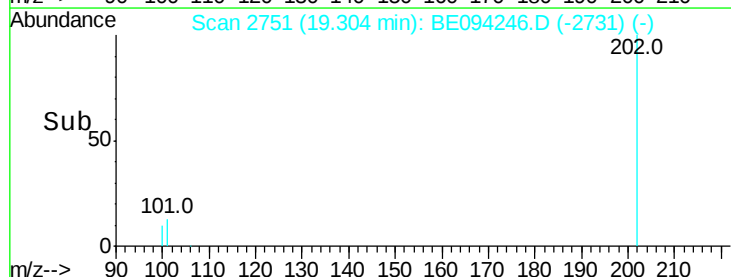
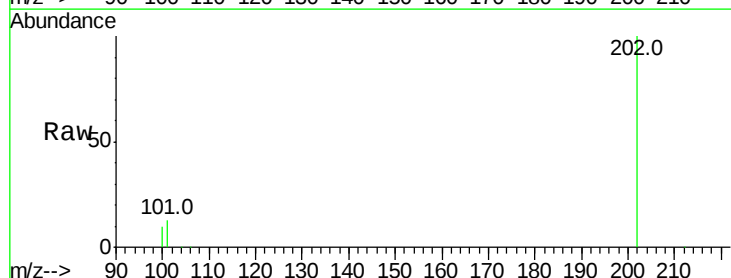
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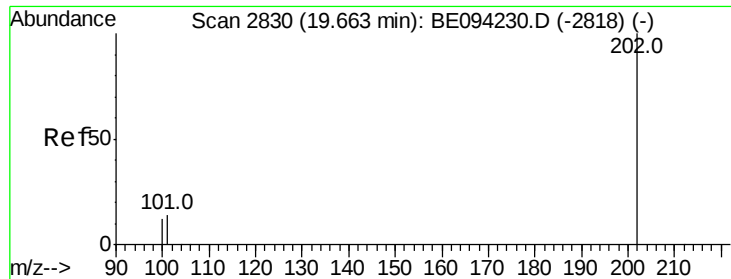
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#15
 Fluoranthene
 Concen: 16.839 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094246.D
 Acq: 10 Oct 2017 6:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	10.2	0.0	39.5





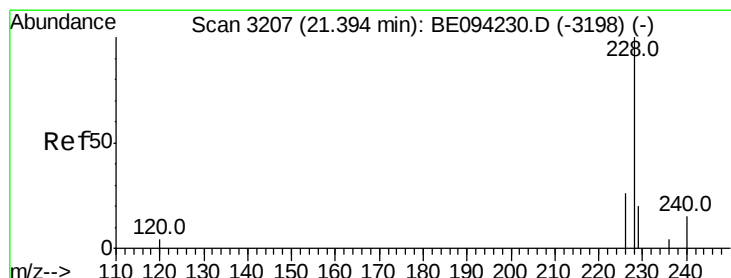
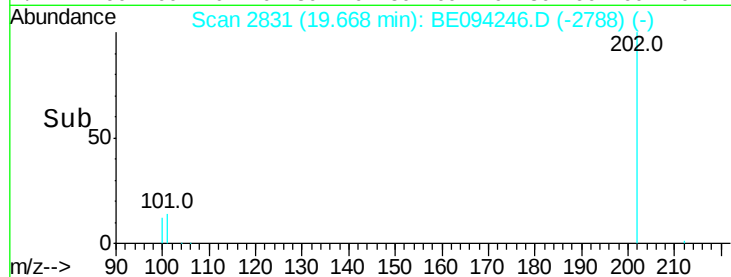
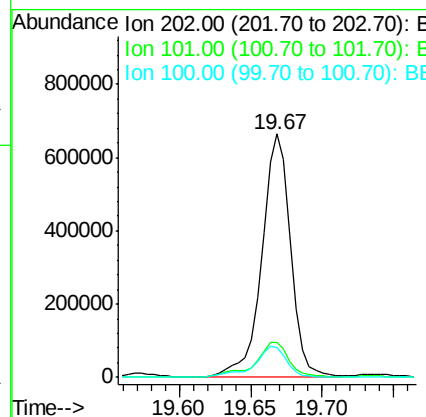
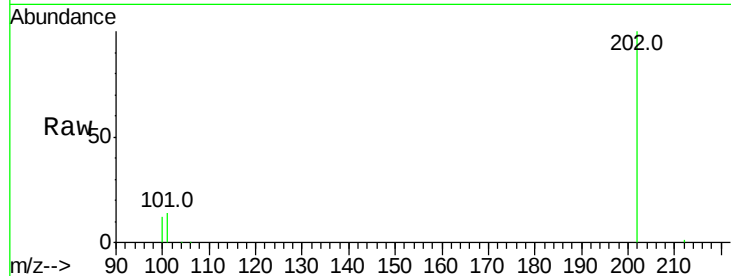
#17
Pvrene
Concen: 23.330 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE094246.D
Acq: 10 Oct 2017 6:41

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	18.2	27.4#
100	12.4	15.6	23.4#

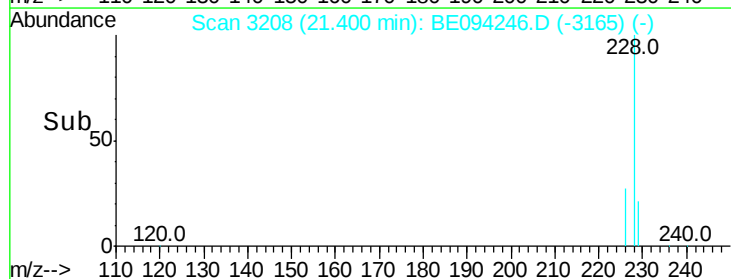
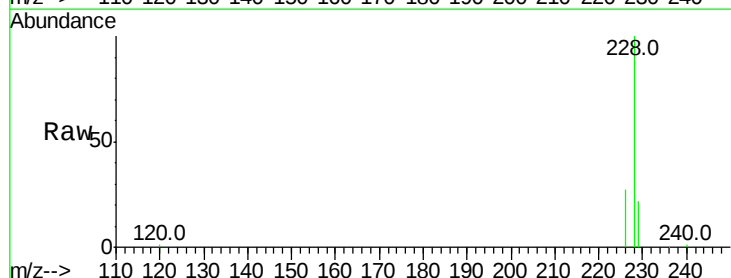
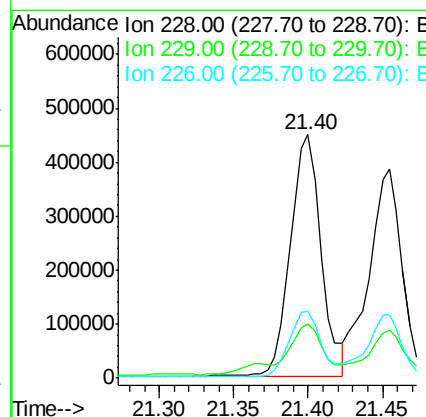
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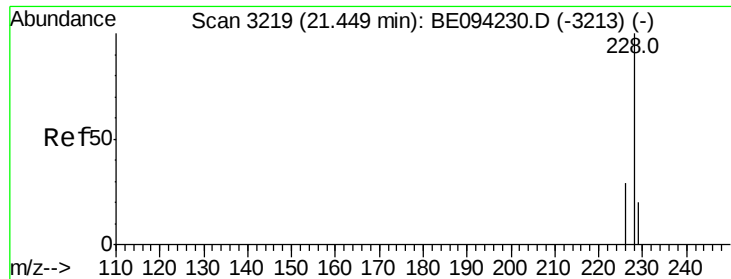
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#18
Benzo(a)anthracene
Concen: 16.865 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE094246.D
Acq: 10 Oct 2017 6:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 13.408 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Instrument :

BNA_E

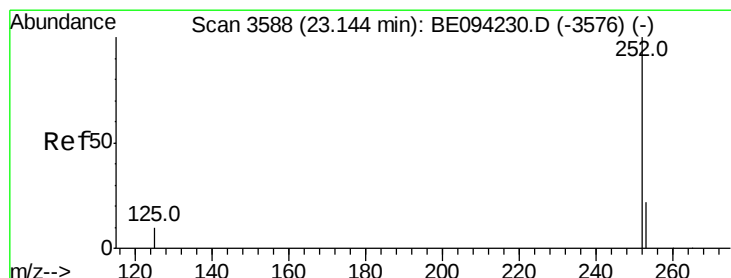
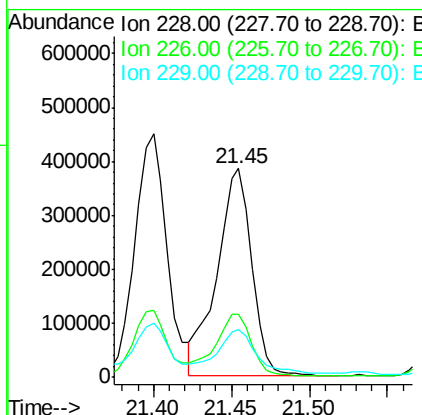
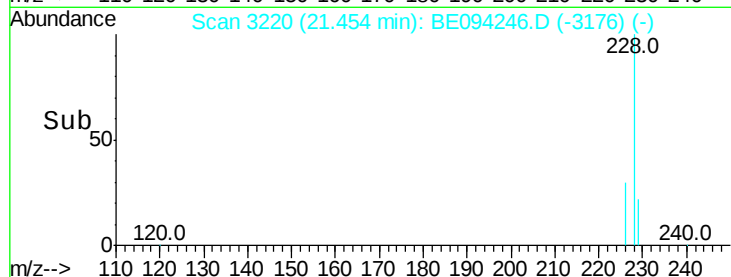
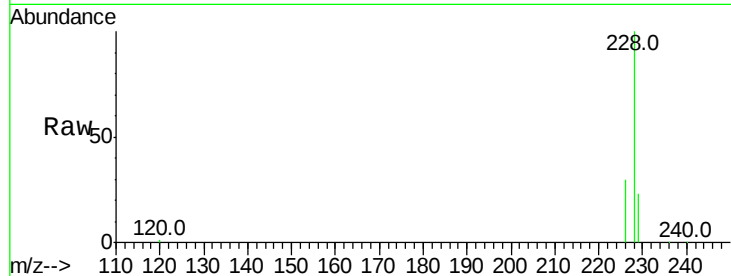
ClientSampleId :

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Tot Ion:228	Resp:	590993
Ion Ratio	Lower	Upper
228 100		
226 30.3	23.4	35.0
229 23.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 13.777 ng/ul m

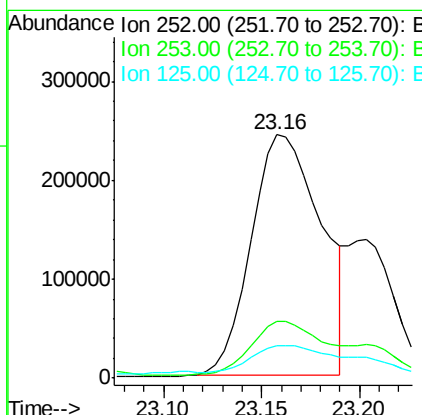
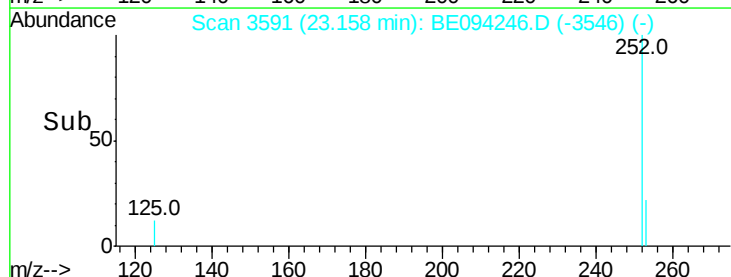
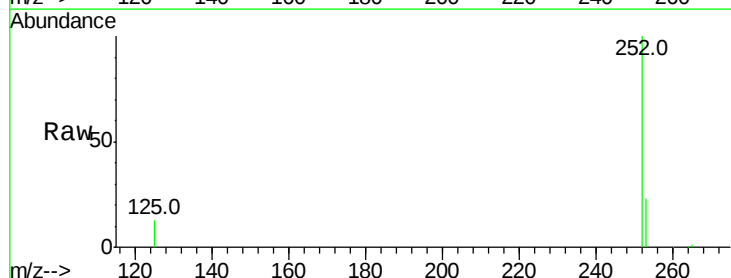
RT: 23.16 min Scan# 3591

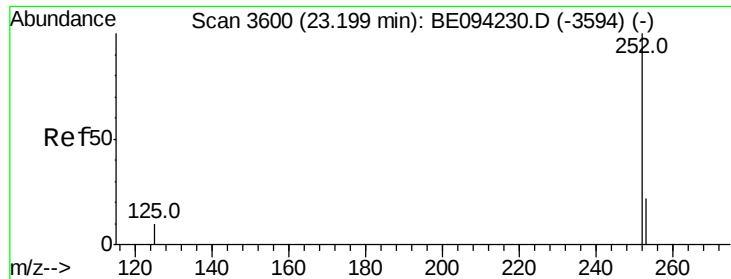
Delta R.T. 0.00 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Tgt Ion:252	Resp:	608686
Ion Ratio	Lower	Upper
252 100		
253 23.0	0.0	64.2
125 13.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.497 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. 0.00 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Instrument :

BNA_E

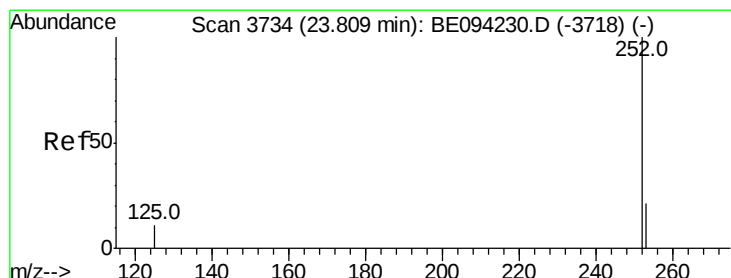
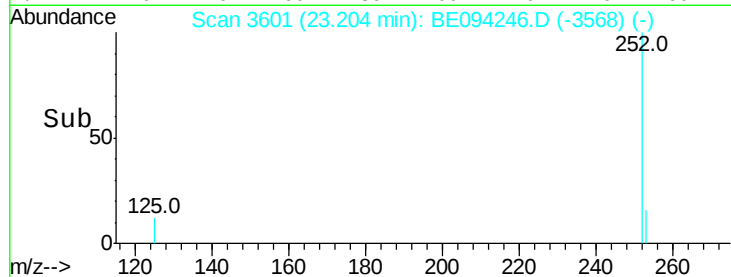
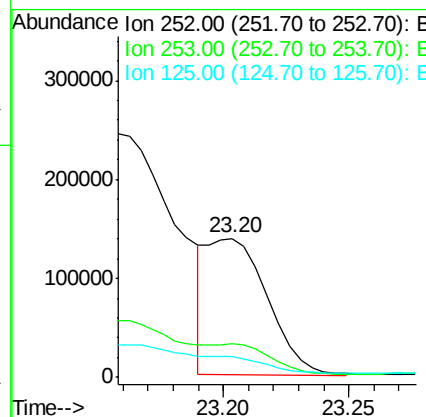
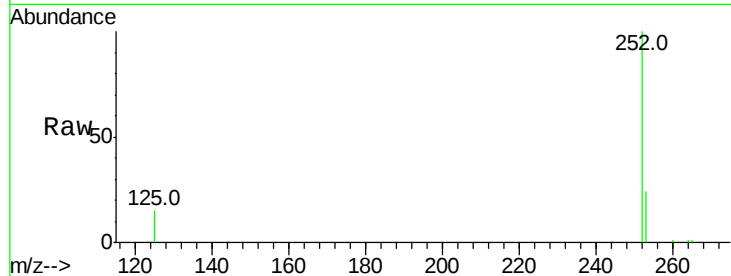
ClientSampleId :

B-54(7-8)-092817

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	14.6	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 10.864 ng/ul m

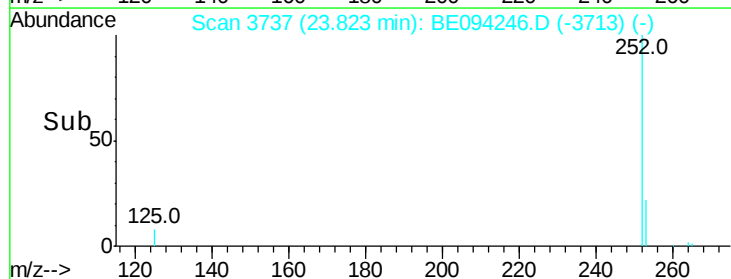
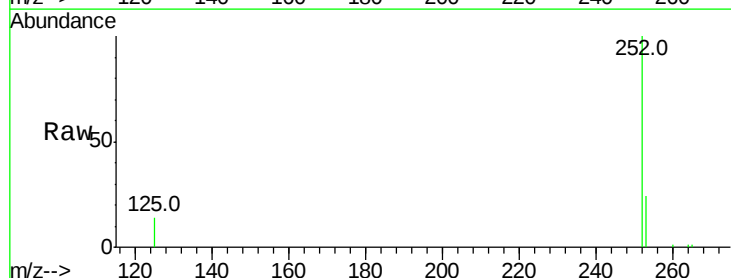
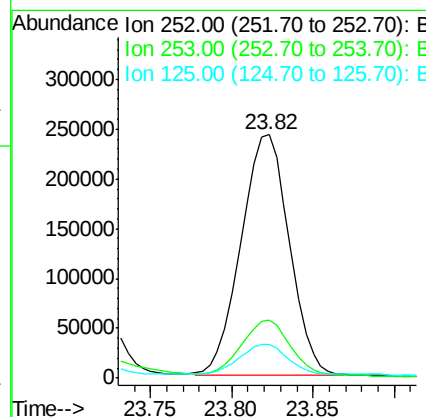
RT: 23.82 min Scan# 3737

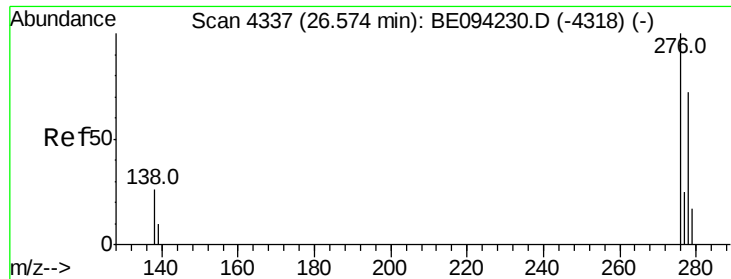
Delta R.T. 0.01 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	13.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 5.889 ng/ul m

RT: 26.59 min Scan# 4341

Delta R.T. 0.01 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Instrument :

BNA_E

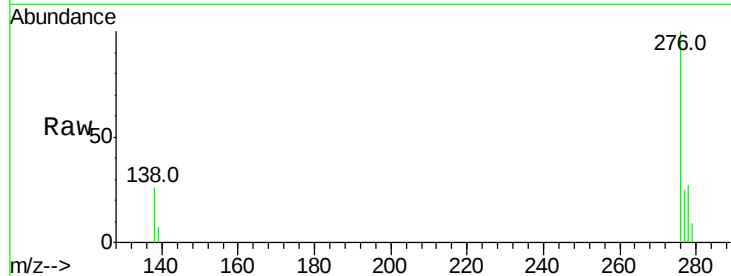
ClientSampleId :

B-54(7-8)-092817

Tot Ion	Ratio	Resp	Lower	Upper
276	100	276570		
138	0.9	28.0	42.0#	
227	0.0	8.0	12.0#	

Manual Integrations
APPROVED

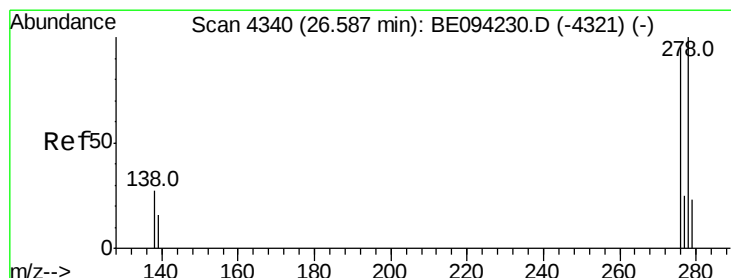
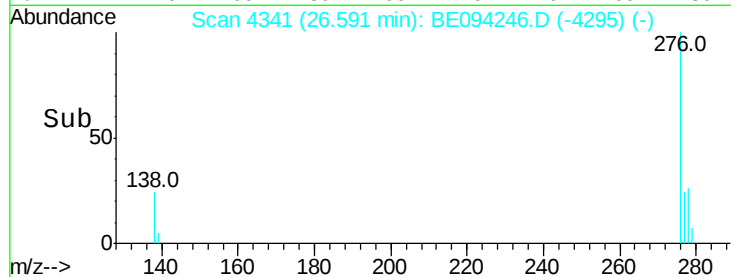
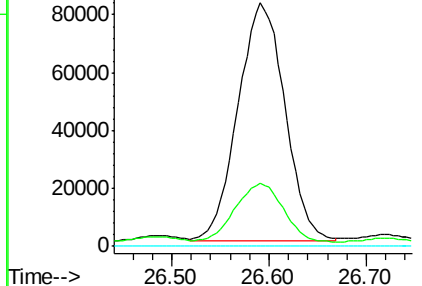
Sohil
10/10/2017 4:57:46 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 2.108 ng/ul m

RT: 26.59 min Scan# 4341

Delta R.T. -0.01 min

Lab File: BE094246.D

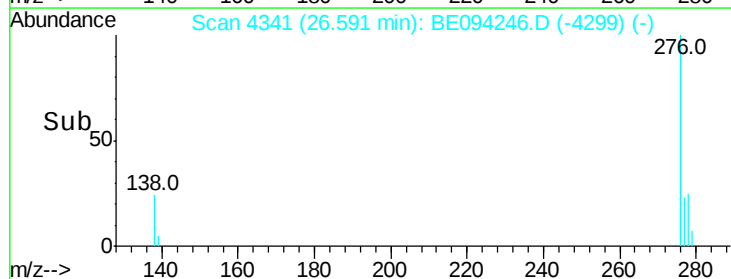
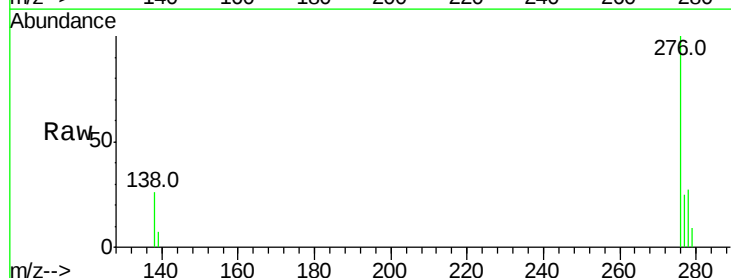
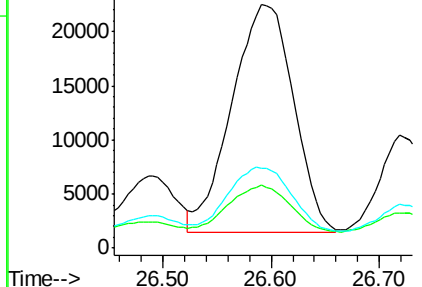
Acq: 10 Oct 2017 6:41

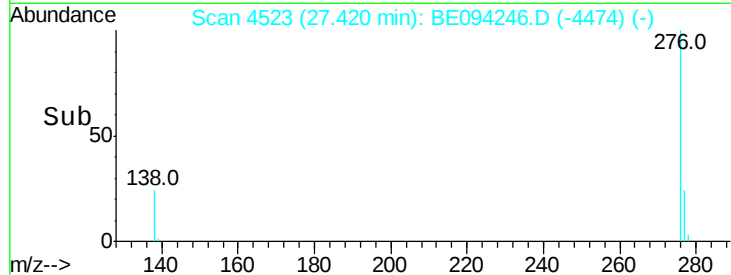
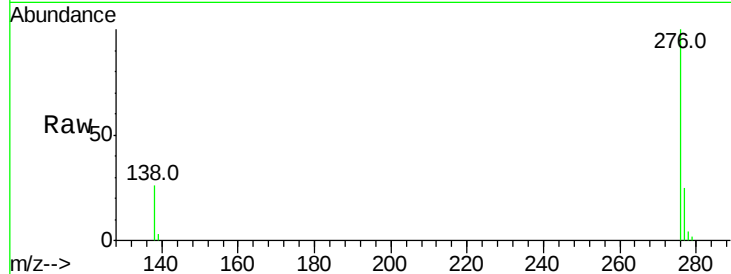
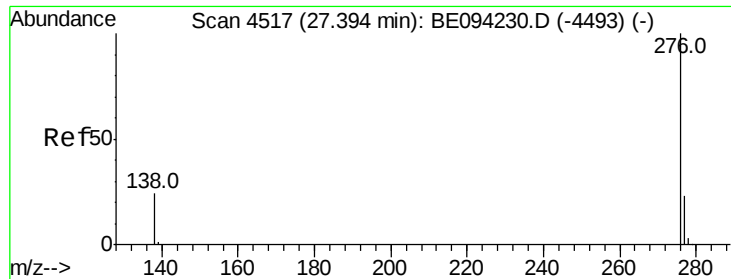
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	83040		
139	25.9	17.4	26.0	
279	32.9	25.9	38.9	

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 5.685 ng/ul m

RT: 27.42 min Scan# 4523

Delta R.T. 0.02 min

Lab File: BE094246.D

Acq: 10 Oct 2017 6:41

Instrument :

BNA_E

ClientSampleId :

B-54(7-8)-092817

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	25.7	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/10/2017 4:57:46 PM

