

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094237.D
 Acq On : 10 Oct 2017 1:10
 Operator : SJ/JU
 Sample : I5522-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Manual Integrations
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Sohil
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Quant Time: Oct 10 10:14:12 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	2587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7738	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	17246	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	17253	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15936	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2232	0.11	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	5762	0.10	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	4642	0.143	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2791	0.133	ng/ul	99
7) Acenaphthylene	14.24	152	8970	0.297	ng/ul	98
8) Acenaphthene	14.57	153	5792	0.233	ng/ul	99
9) Fluorene	15.56	166	7911	0.272	ng/ul	93
12) Phenanthrene	17.29	178	225916	5.013	ng/ul#	93
13) Anthracene	17.38	178	60130	1.372	ng/ul#	92
15) Fluoranthene	19.30	202	667201	11.267	ng/ul	84
17) Pyrene	19.66	202	618336	12.881	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	374947	8.192	ng/ul#	86
19) Chrysene	21.45	228	364345	6.893	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	488245m	11.278	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	173815m	3.474	ng/ul	
23) Benzo(a)pyrene	23.81	252	349039	7.759	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.57	276	228380	4.963	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	59194	1.534	ng/ul	96
26) Benzo(a,h,i)perylene	27.39	276	169661	4.274	ng/ul	97

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

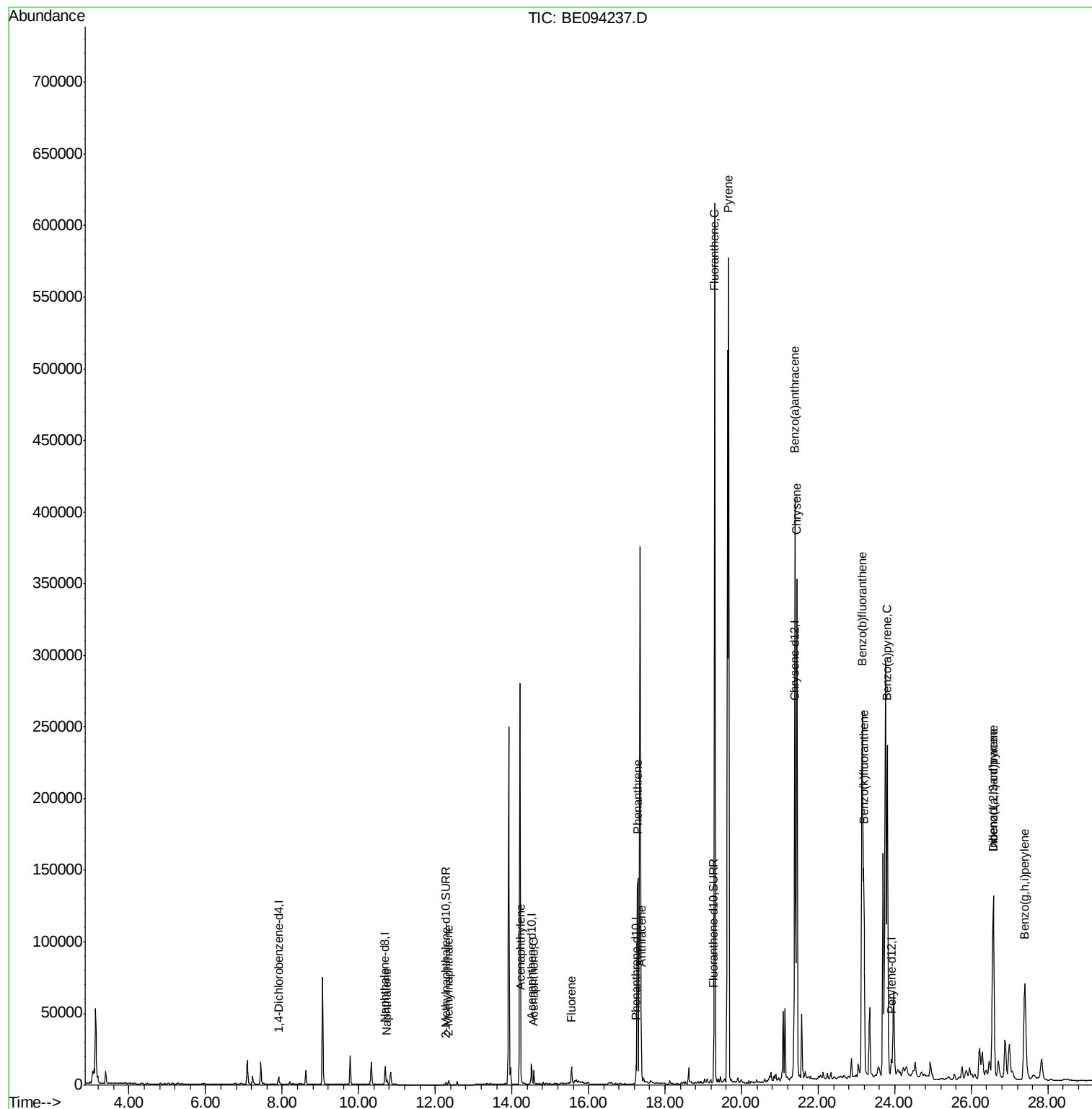
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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ALS Vial : 22 Sample Multiplier: 1

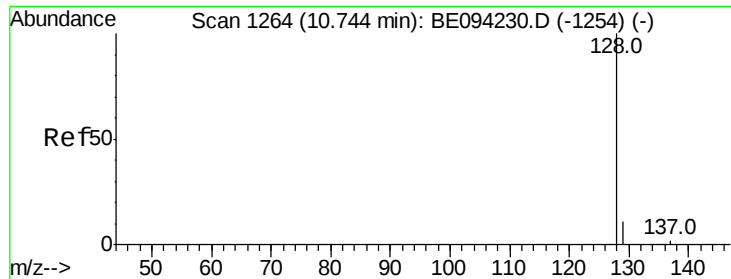
Instrument :
BNA_E
ClientSampled :
C0AC1

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.143 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Instrument :

BNA_E

ClientSampled :

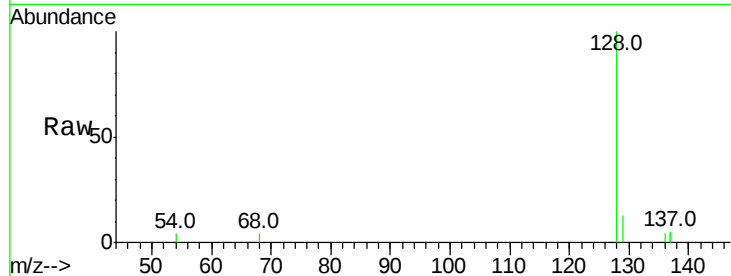
C0AC1

Tot Ion:128 Resp: 4642

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.3	16.9
127	0.0	4.0	6.0

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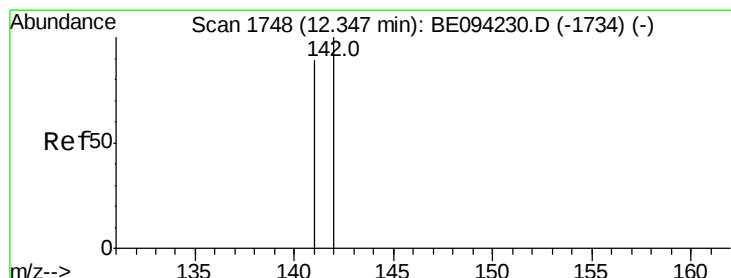
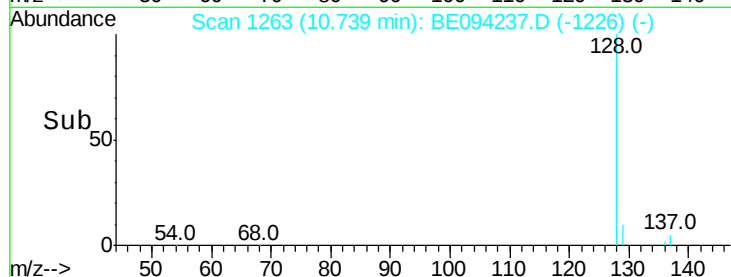
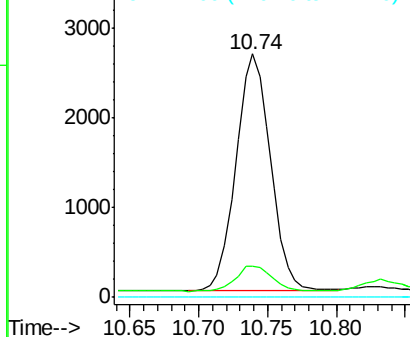
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.133 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094237.D

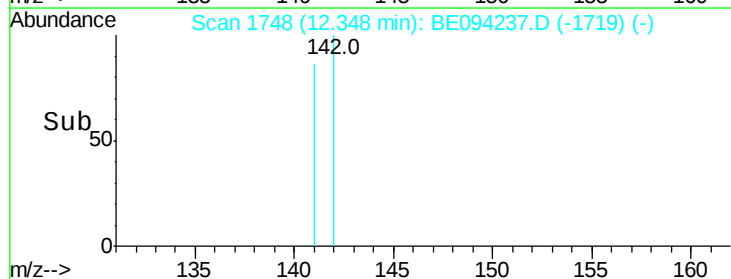
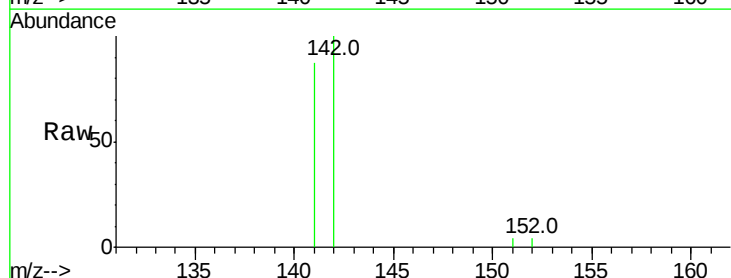
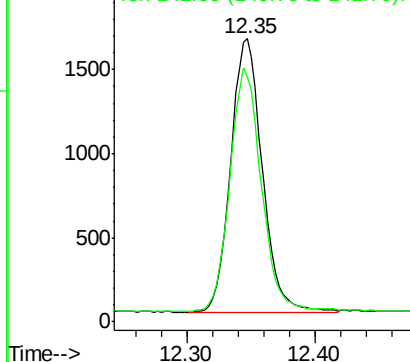
Acq: 10 Oct 2017 1:10

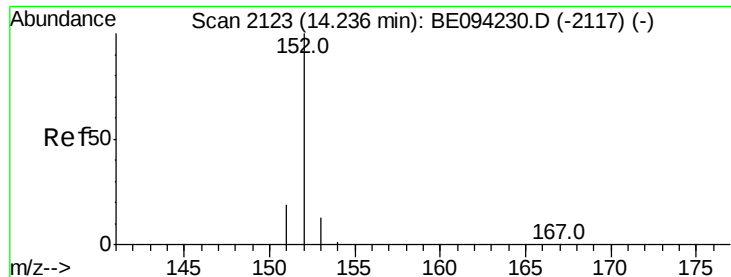
Tgt Ion:142 Resp: 2791

Ion	Ratio	Lower	Upper
142	100		
141	89.8	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: 0.297 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Instrument :

BNA_E

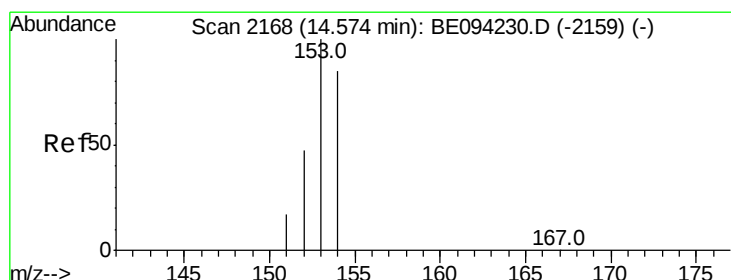
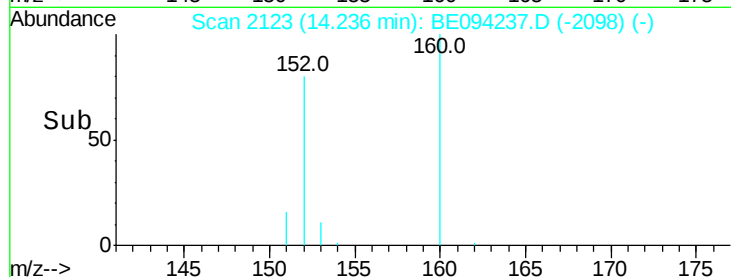
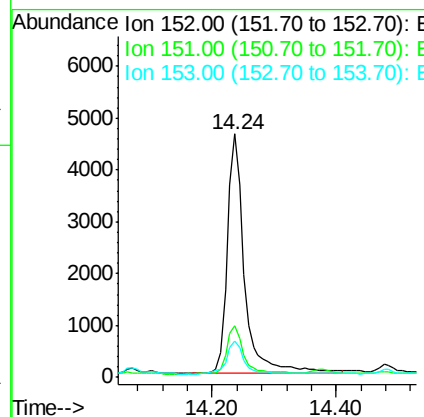
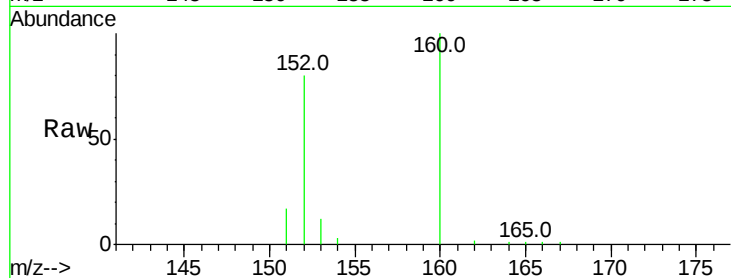
ClientSampleId :

C0AC1

Tot Ion:	152	Resp:	8970
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.233 ng/ul

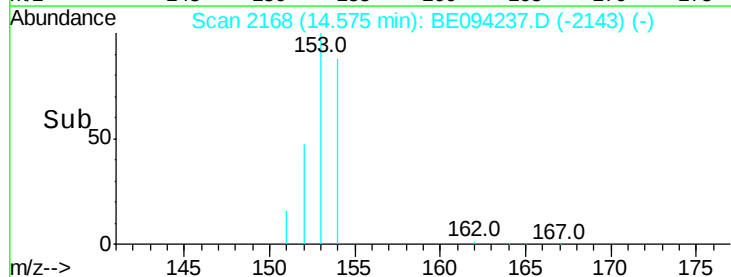
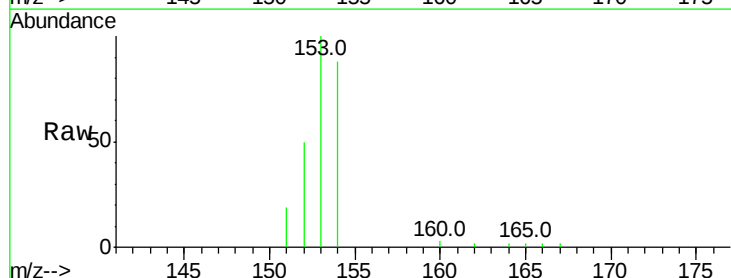
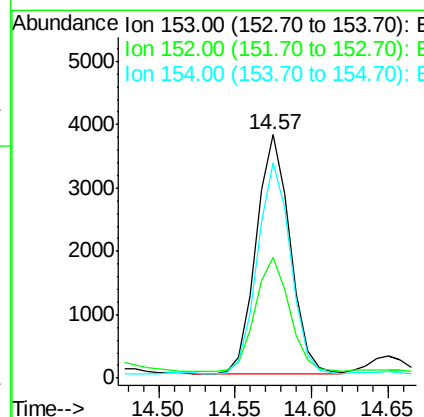
RT: 14.57 min Scan# 2168

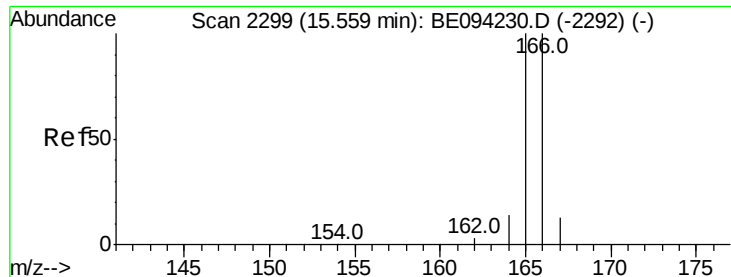
Delta R.T. -0.01 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Tgt Ion:	153	Resp:	5792
Ion Ratio	Lower	Upper	
153	100		
152	49.6	40.3	60.5
154	88.3	71.4	107.2





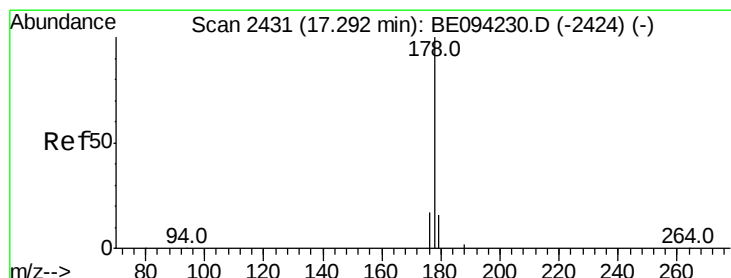
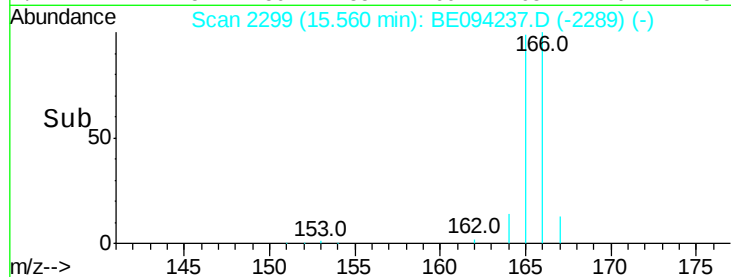
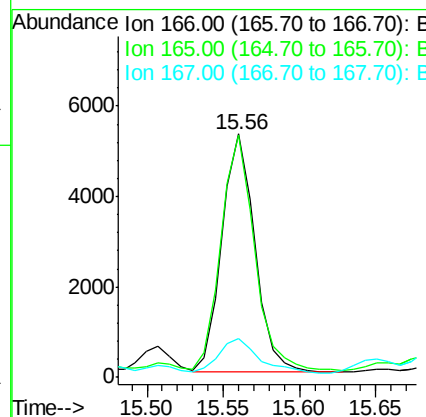
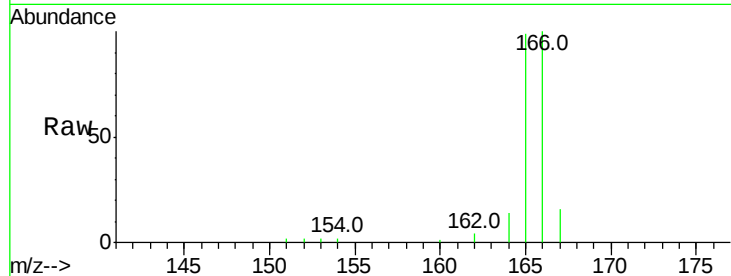
#9
Fluorene
 Concen: 0.272 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094237.D
 Acq: 10 Oct 2017 1:10

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Tot Ion:	166	Resp:	7911
Ion Ratio	Lower	Upper	
166	100		
165	99.4	73.4	110.2
167	16.2	14.6	22.0

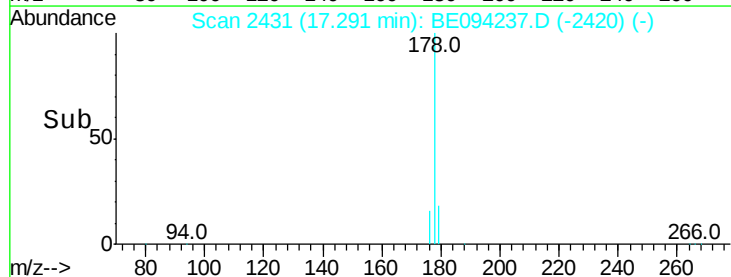
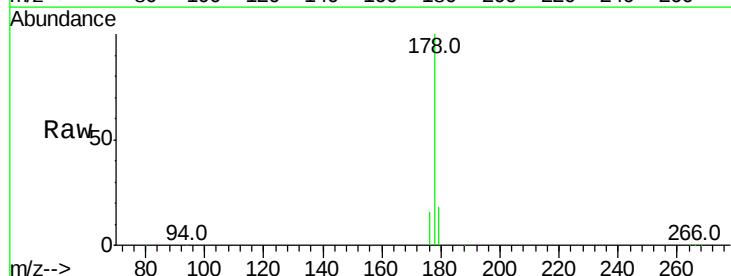
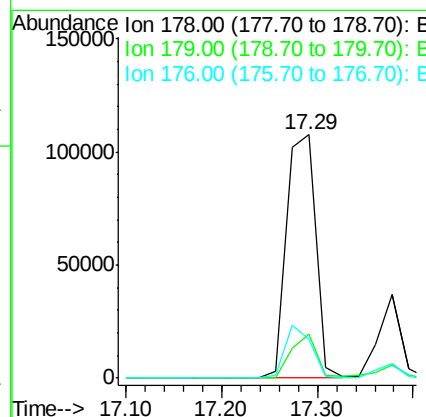
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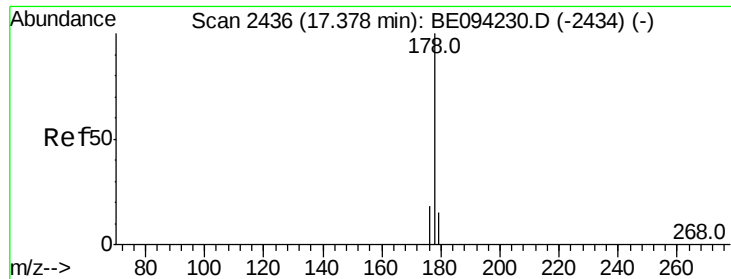
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#12
Phenanthrene
 Concen: 5.013 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094237.D
 Acq: 10 Oct 2017 1:10

Tgt Ion:	178	Resp:	225916
Ion Ratio	Lower	Upper	
178	100		
179	18.0	18.4	27.6#
176	15.8	13.6	20.4





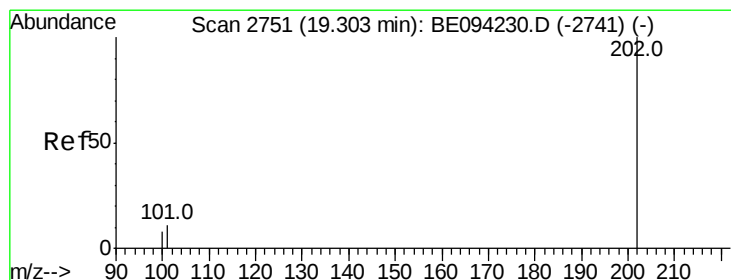
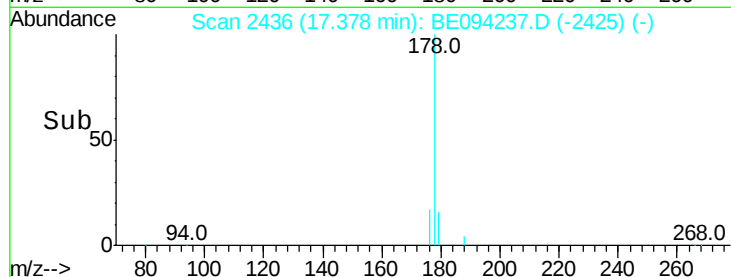
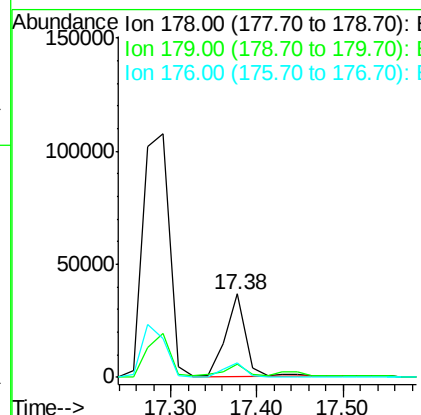
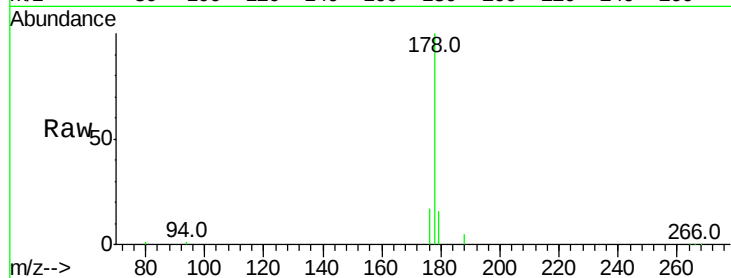
#13
 Anthracene
 Concen: 1.372 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094237.D
 Acq: 10 Oct 2017 1:10

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	17.2	14.7	22.1

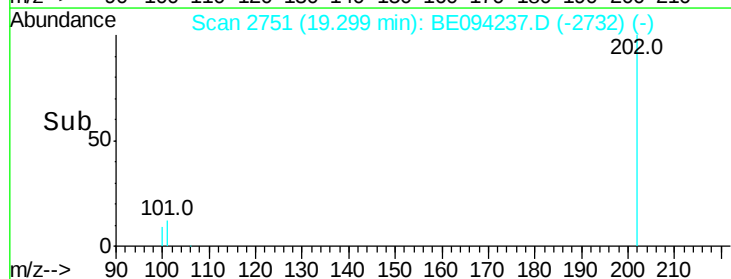
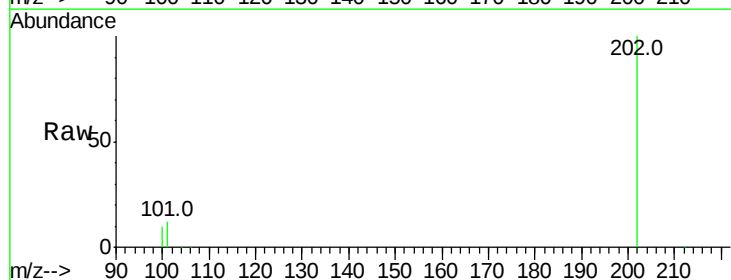
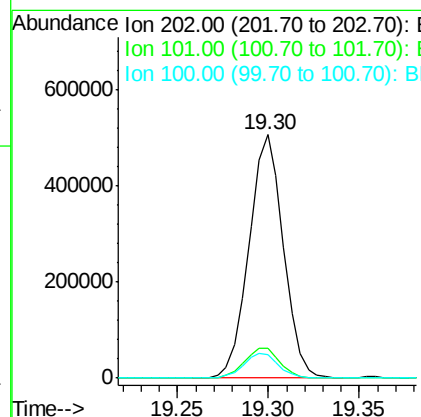
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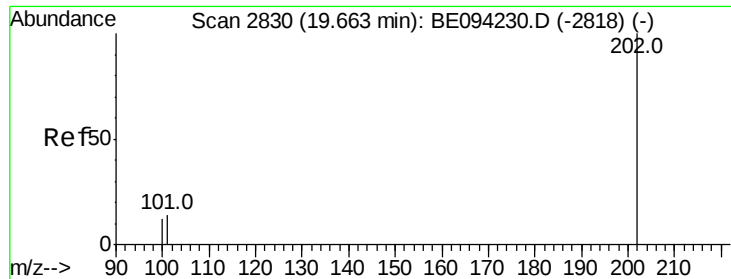
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#15
 Fluoranthene
 Concen: 11.267 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094237.D
 Acq: 10 Oct 2017 1:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.5	0.0	39.5





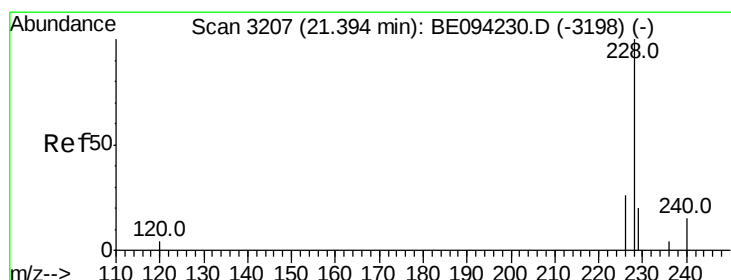
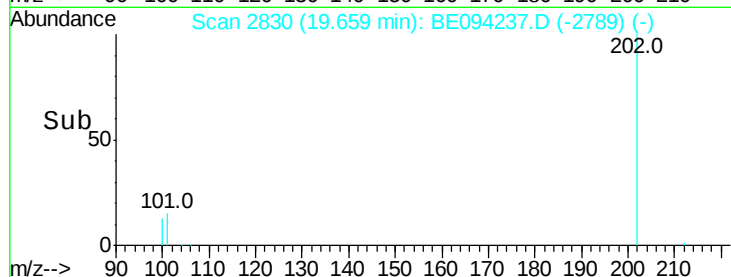
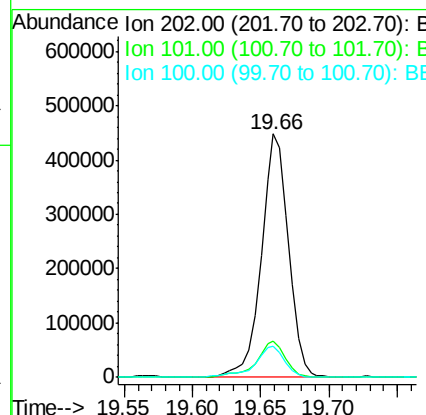
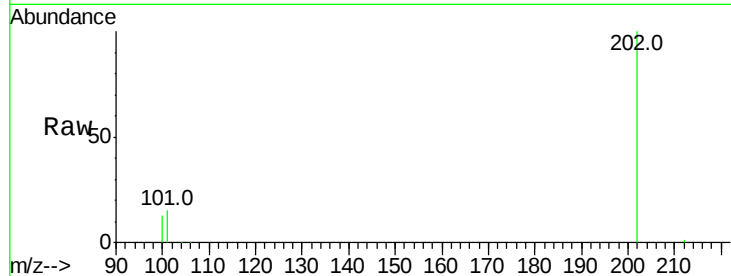
#17
Pvrene
Concen: 12.881 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BE094237.D
Acq: 10 Oct 2017 1:10

Instrument :
BNA_E
ClientSampleId :
C0AC1

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	18.2	27.4#
100	12.8	15.6	23.4#

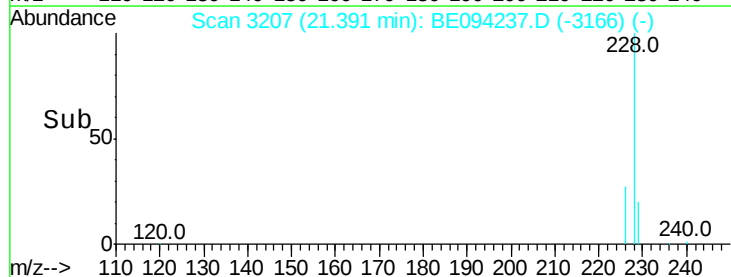
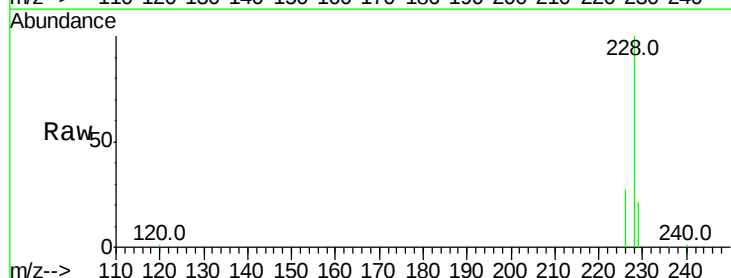
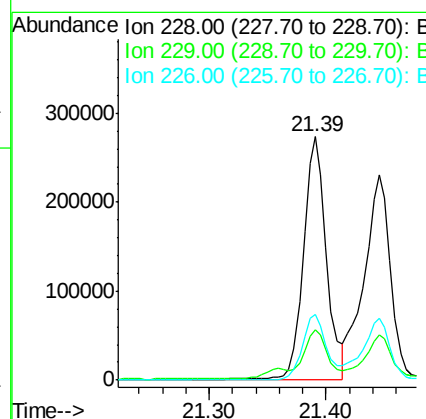
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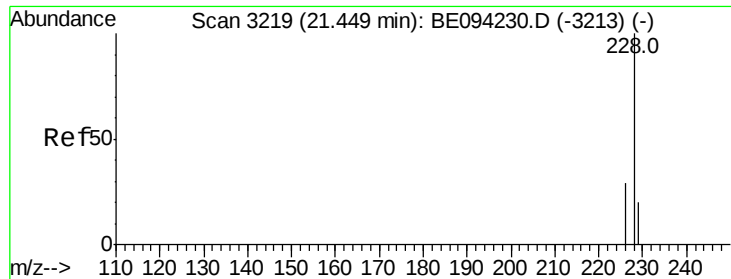
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#18
Benzo(a)anthracene
Concen: 8.192 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094237.D
Acq: 10 Oct 2017 1:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 6.893 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Instrument :

BNA_E

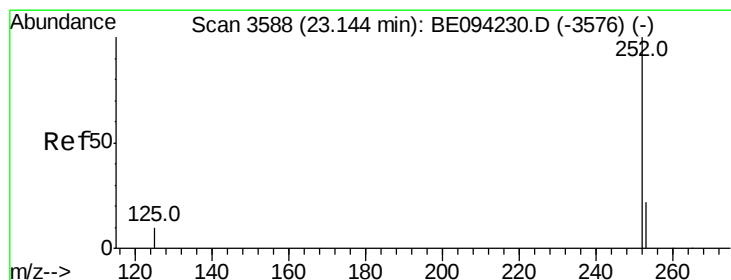
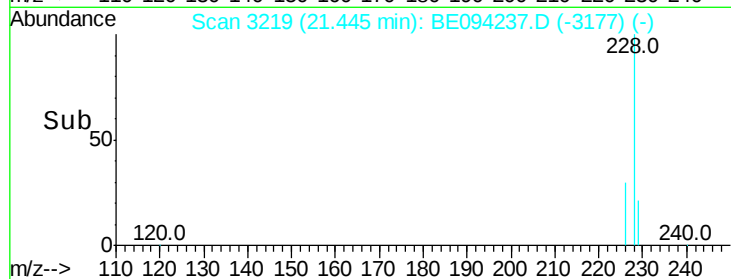
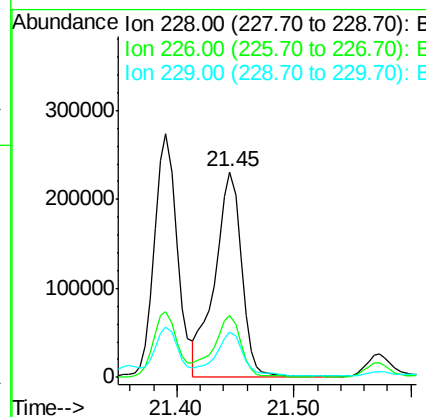
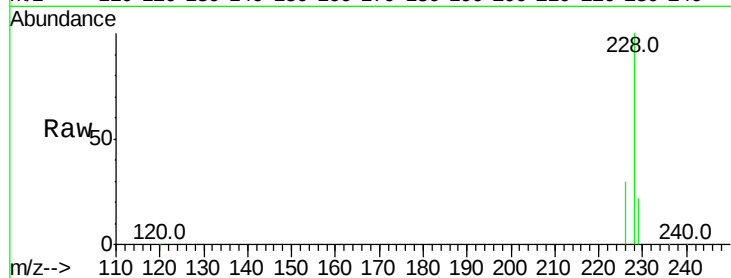
ClientSampled :

C0AC1

Tot Ion:	228	Resp:	364345
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 11.278 ng/ul m

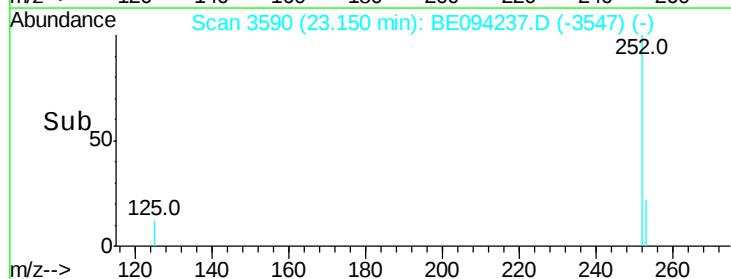
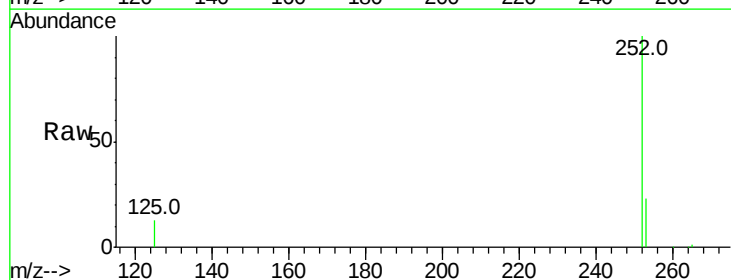
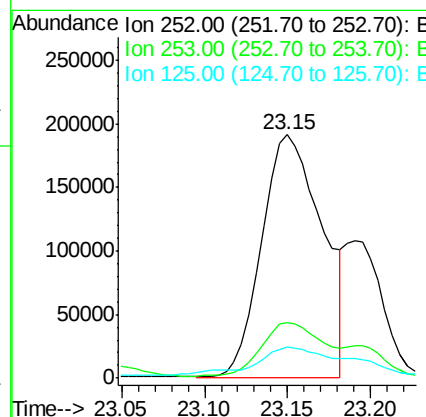
RT: 23.15 min Scan# 3590

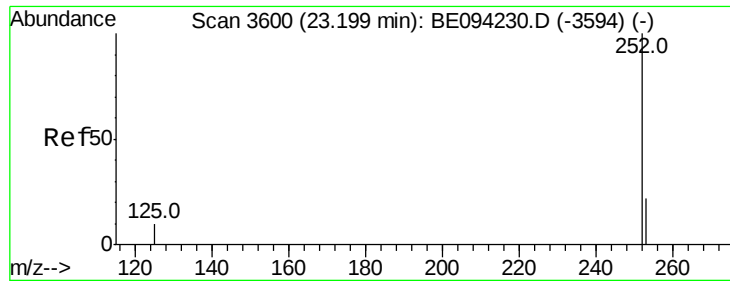
Delta R.T. -0.00 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Tgt Ion:	252	Resp:	488245
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	12.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.474 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.01 min

Lab File: BE094237.D

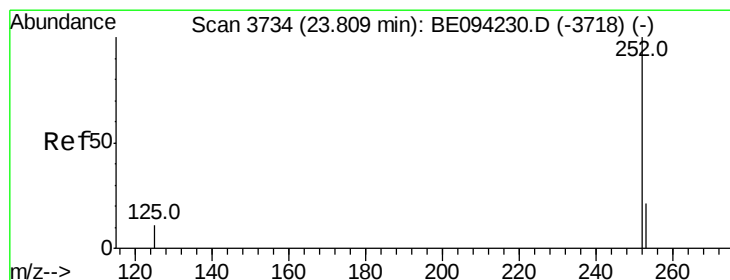
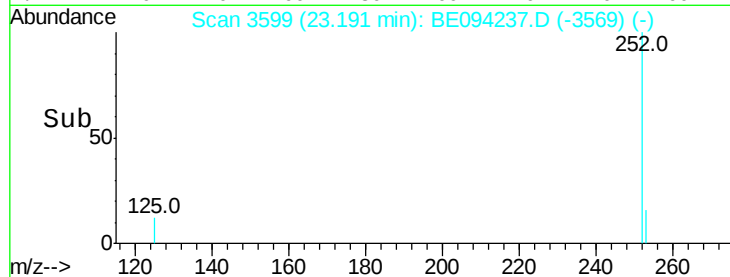
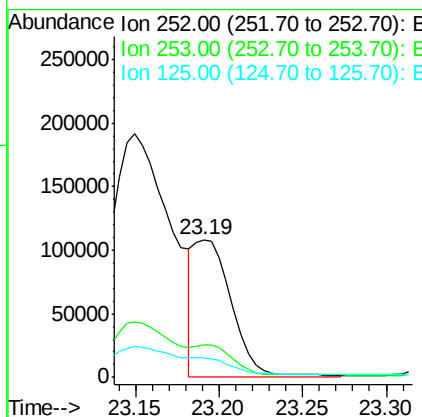
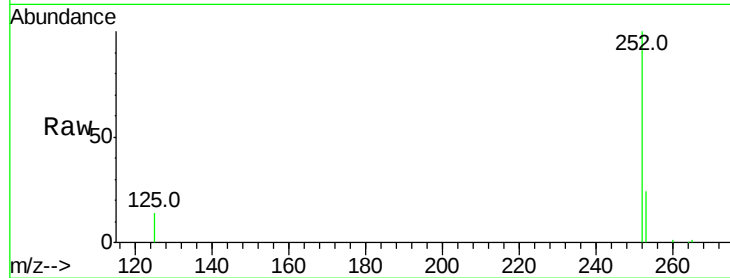
Acq: 10 Oct 2017 1:10

Instrument :
BNA_E
ClientSampleId :
C0AC1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 7.759 ng/ul

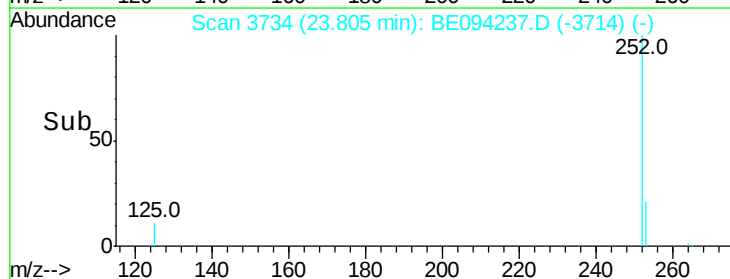
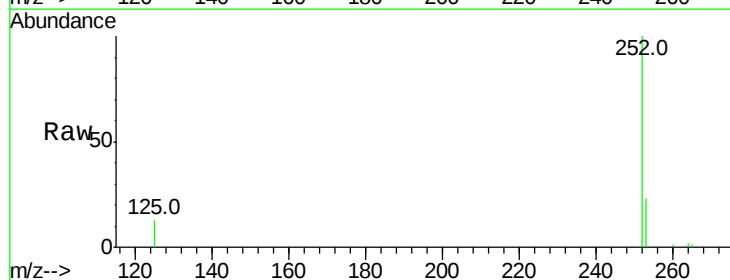
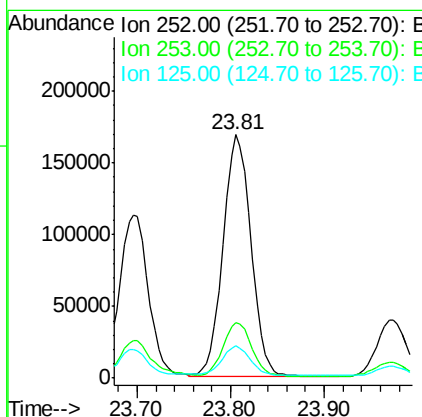
RT: 23.81 min Scan# 3734

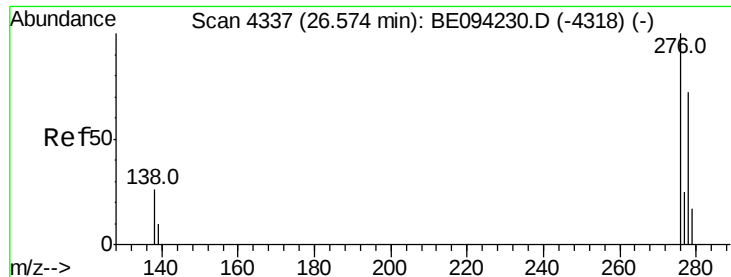
Delta R.T. -0.01 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	13.2	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 4.963 ng/ul

RT: 26.57 min Scan# 4338

Delta R.T. -0.01 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

Instrument :

BNA_E

ClientSampleId :

C0AC1

Tot Ion:276 Resp: 228380

Ion Ratio Lower Upper

276 100

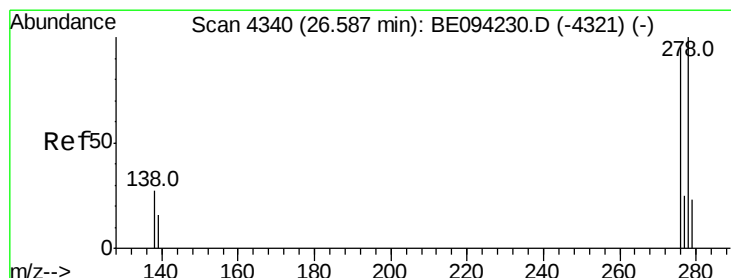
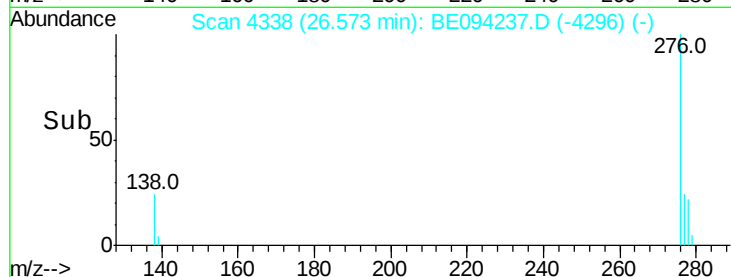
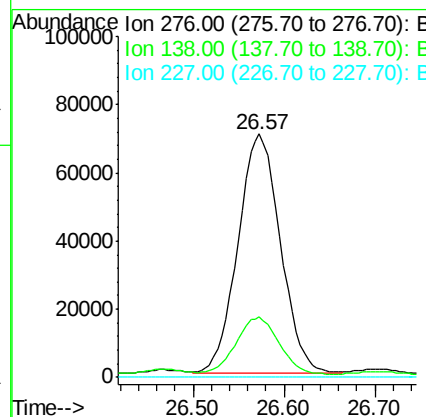
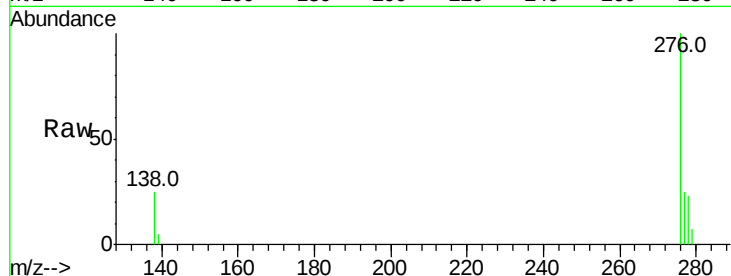
138 23.8 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
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Sohil

10/10/2017 4:57:24 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.534 ng/ul

RT: 26.57 min Scan# 4338

Delta R.T. -0.03 min

Lab File: BE094237.D

Acq: 10 Oct 2017 1:10

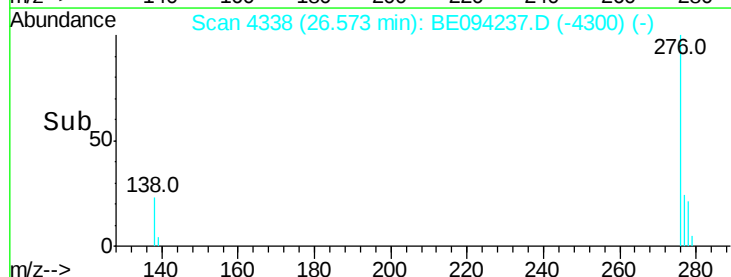
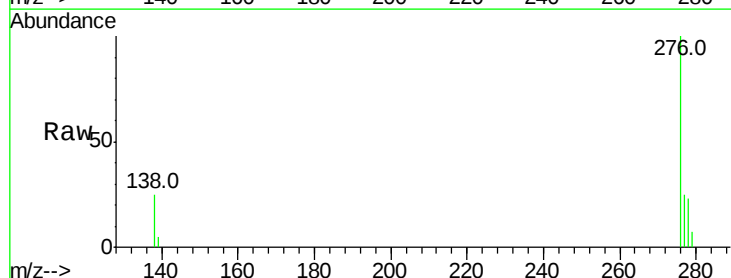
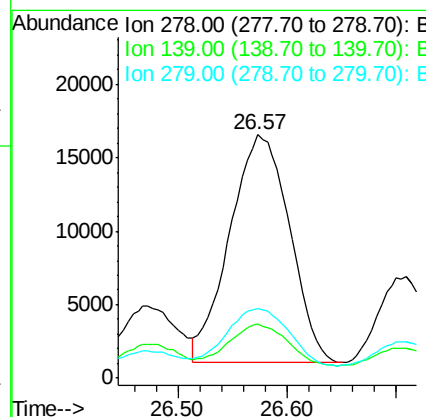
Tgt Ion:278 Resp: 59194

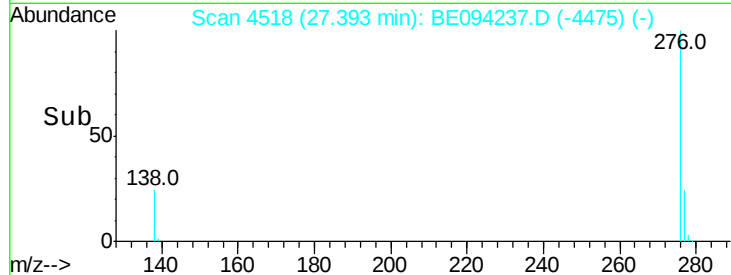
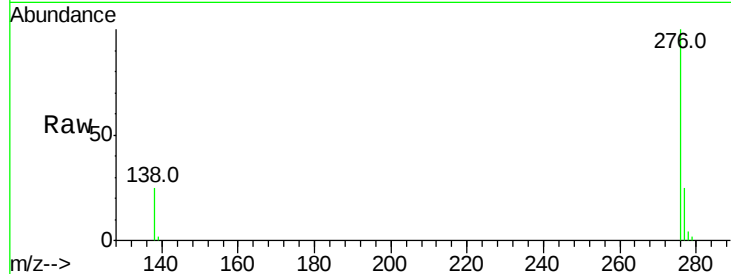
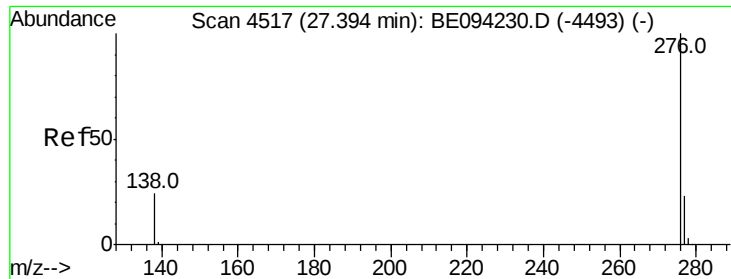
Ion Ratio Lower Upper

278 100

139 22.2 17.4 26.0

279 28.7 25.9 38.9





#26
 Benzo(a,h,i)perylene
 Concen: 4.274 ng/ul
 RT: 27.39 min Scan# 4518
 Delta R.T. -0.01 min
 Lab File: BE094237.D
 Acq: 10 Oct 2017 1:10

Tot Ion:	276	Resp:	169661
Ion Ratio	Lower	Upper	
276	100		
138	25.1	21.8	32.8
277	24.9	20.5	30.7

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:24 PM

