

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094245.D
 Acq On : 10 Oct 2017 6:05
 Operator : SJ/JU
 Sample : I5533-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:24:22 AM

Quant Time: Oct 10 12:23:01 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	2346	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11916	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7160	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	14817	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	13653	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	13389m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4314	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	9856	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	26639	0.913	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	8277	0.437	ng/ul	98
7) Acenaphthylene	14.24	152	22417	0.803	ng/ul	97
8) Acenaphthene	14.57	153	37357	1.626	ng/ul	96
9) Fluorene	15.56	166	39873	1.482	ng/ul	90
12) Phenanthrene	17.29	178	873416	22.557	ng/ul#	89
13) Anthracene	17.38	178	220972	5.868	ng/ul#	89
15) Fluoranthene	19.31	202	1536532	30.201	ng/ul	84
17) Pyrene	19.67	202	1442462	37.972	ng/ul#	86
18) Benzo(a)anthracene	21.40	228	758875	20.952	ng/ul#	86
19) Chrysene	21.45	228	678967	16.233	ng/ul	99
21) Benzo(b)fluoranthene	23.16	252	810255m	22.277	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	270517m	6.435	ng/ul	
23) Benzo(a)pyrene	23.82	252	604156m	15.985	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	374841m	9.695	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	103530m	3.193	ng/ul	
26) Benzo(a,h,i)perylene	27.42	276	308326m	9.246	ng/ul	

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

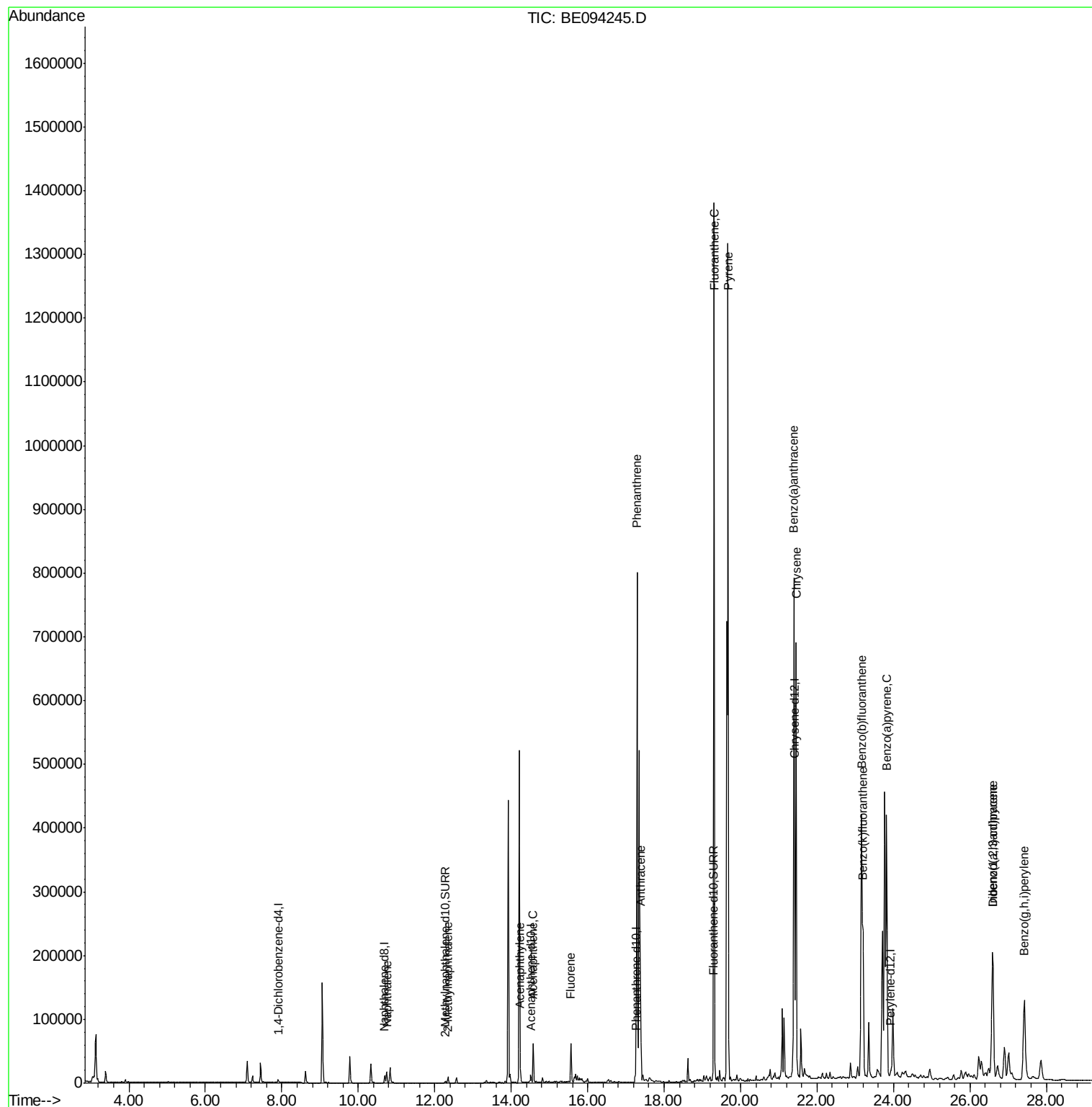
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094245.D
Acq On : 10 Oct 2017 6:05
Operator : SJ/JU
Sample : I5533-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

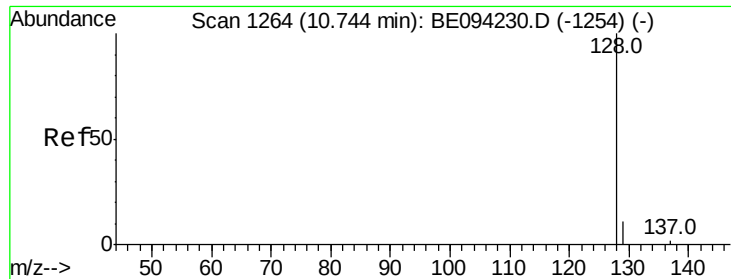
Instrument :
BNA_E
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DUP-1

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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: 0.913 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Instrument :

BNA_E

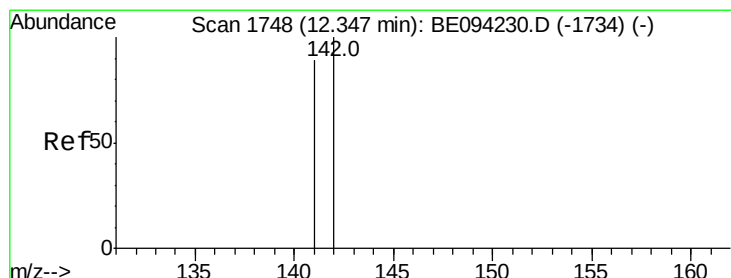
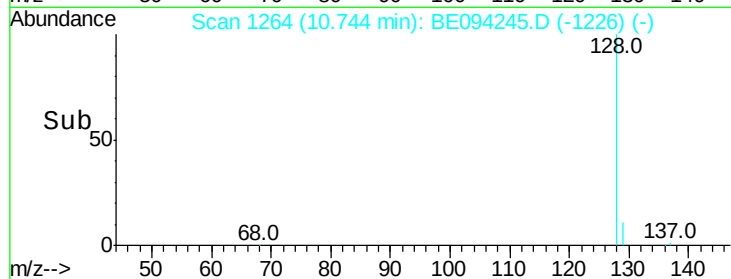
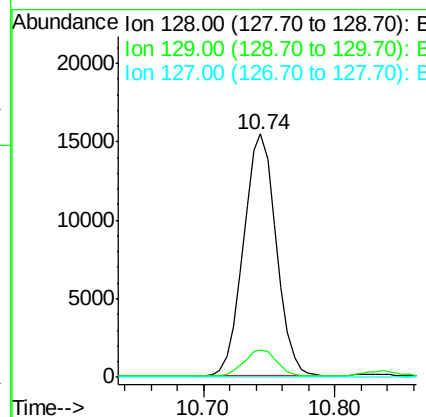
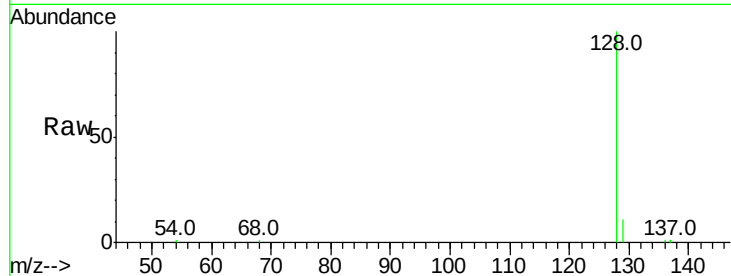
ClientSampled :

DUP-1

Tot Ion:128	Resp:	26639
Ion Ratio	Lower	Upper
128 100		
129 11.3	11.3	16.9
127 0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.437 ng/ul

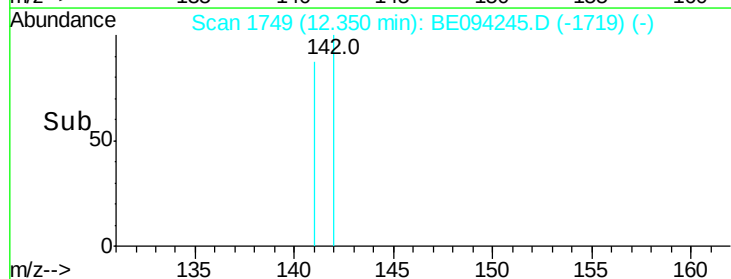
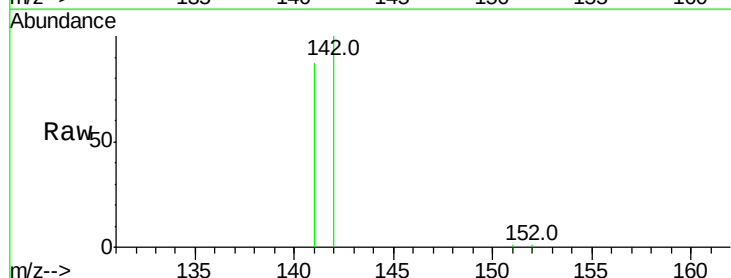
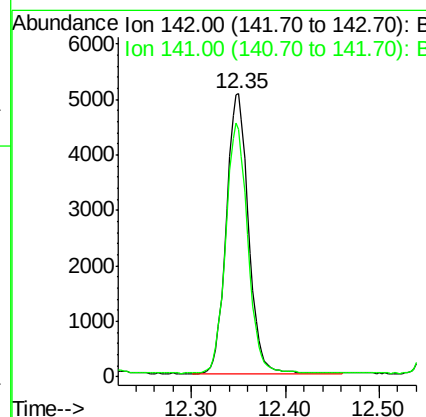
RT: 12.35 min Scan# 1749

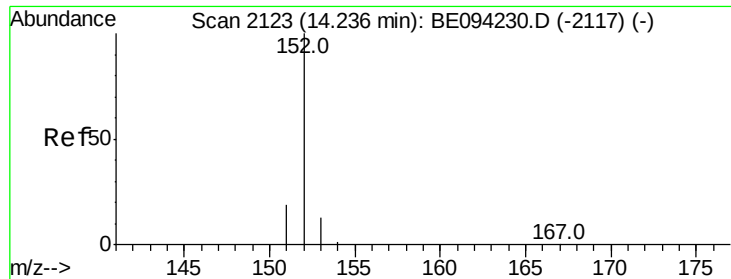
Delta R.T. -0.01 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Tgt Ion:142	Resp:	8277
Ion Ratio	Lower	Upper
142 100		
141 88.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.803 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Instrument :

BNA_E

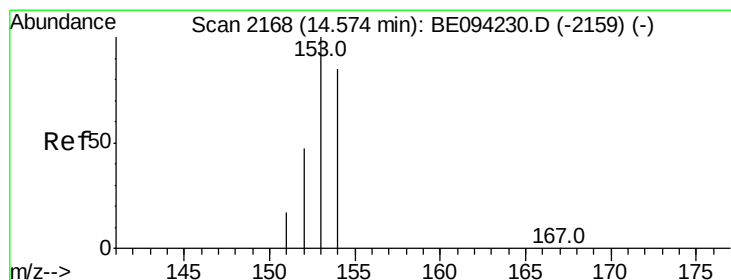
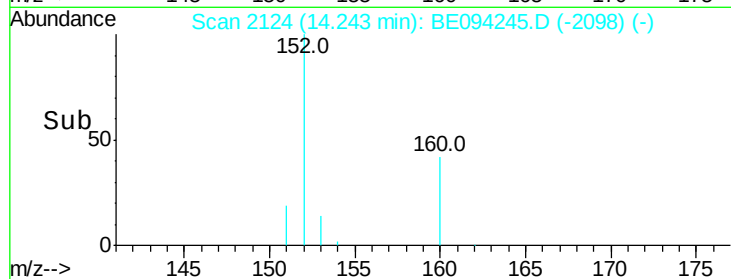
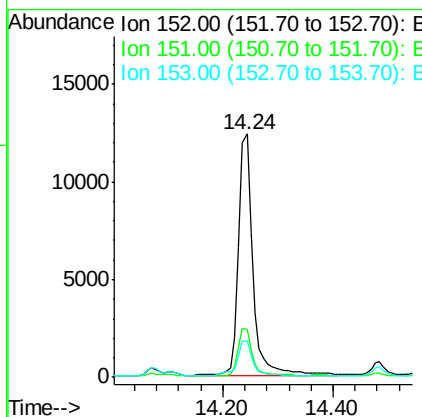
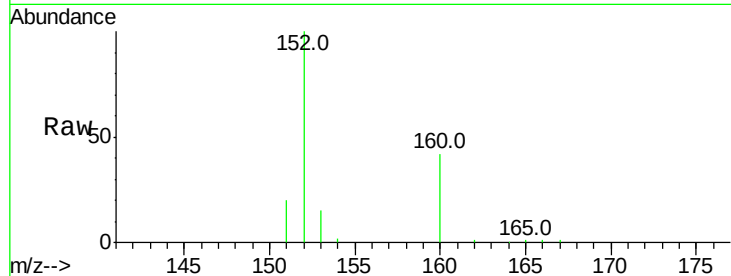
ClientSampleId :

DUP-1

Tot Ion:	152	Resp:	22417
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.1	25.7
153	15.0	12.8	19.2

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#8

Acenaphthene

Concen: 1.626 ng/ul

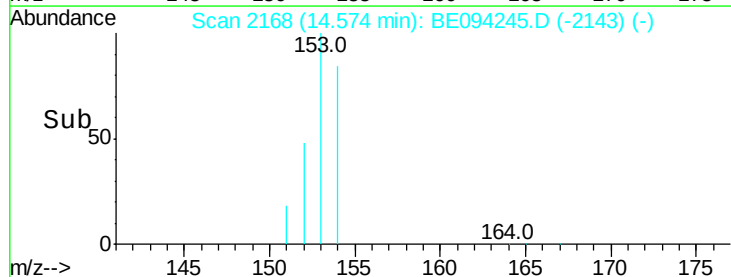
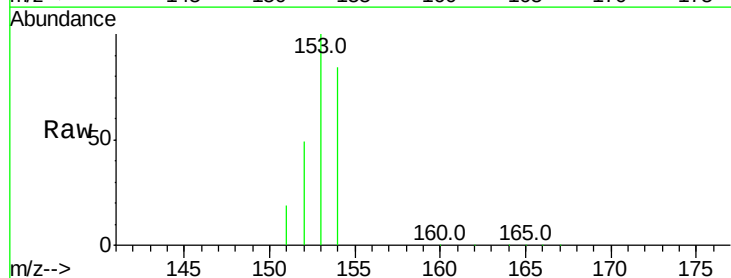
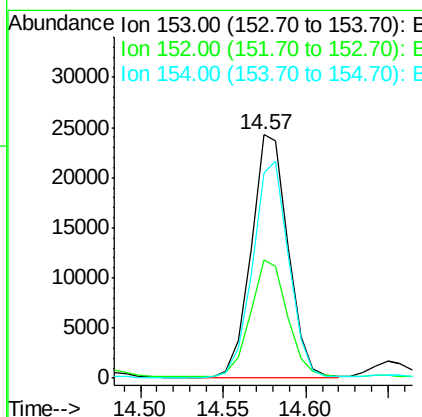
RT: 14.57 min Scan# 2168

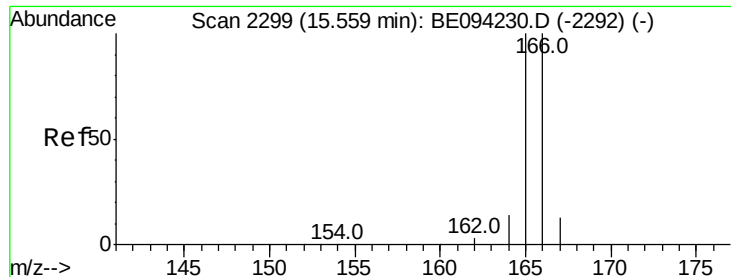
Delta R.T. -0.02 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Tgt Ion:	153	Resp:	37357
Ion Ratio	Lower	Upper	
153	100		
152	48.5	40.3	60.5
154	84.2	71.4	107.2





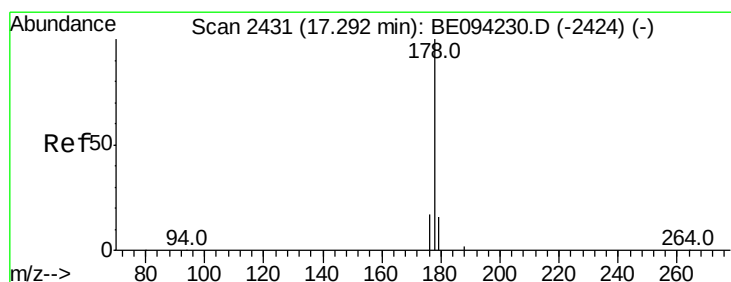
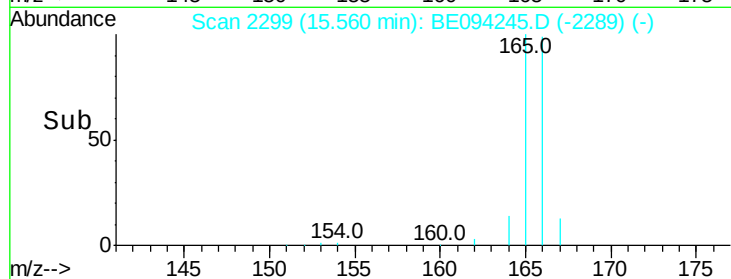
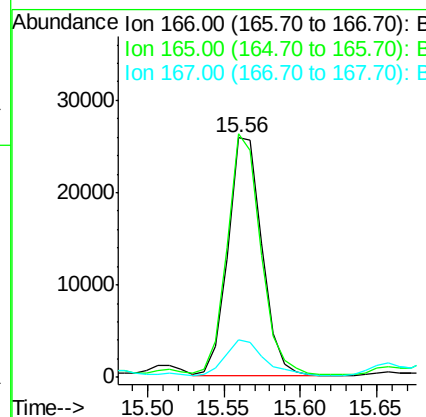
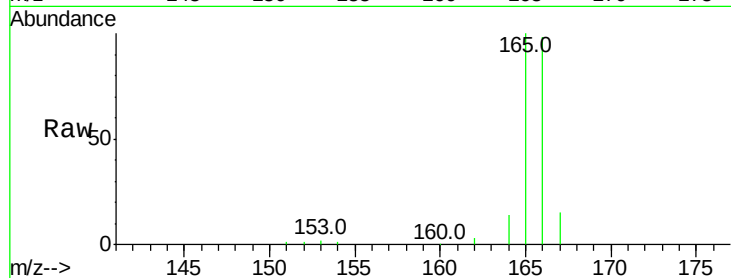
#9
Fluorene
 Concen: 1.482 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	15.7	14.6	22.0

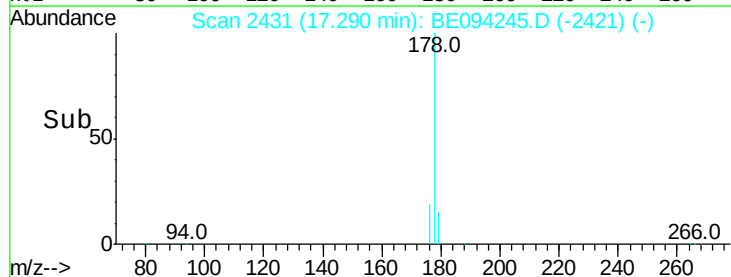
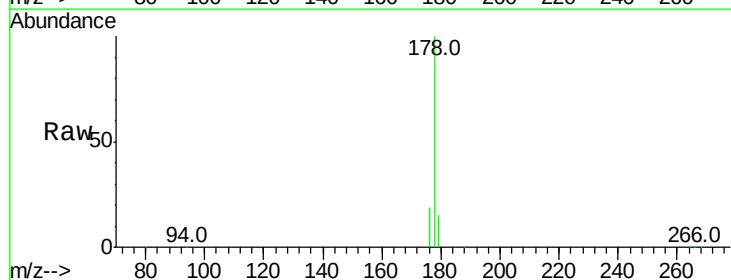
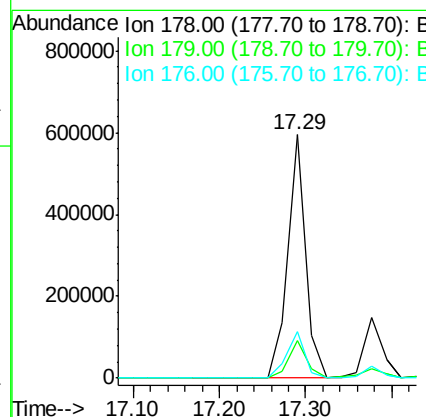
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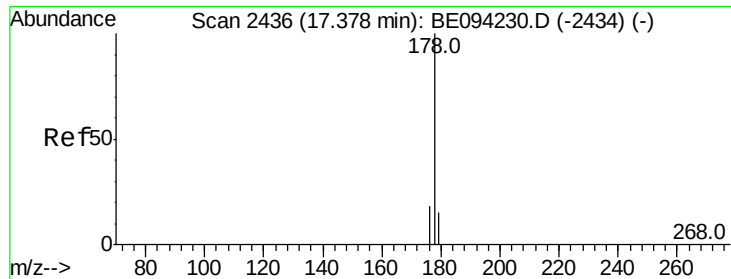
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#12
Phenanthrene
 Concen: 22.557 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	19.1	13.6	20.4





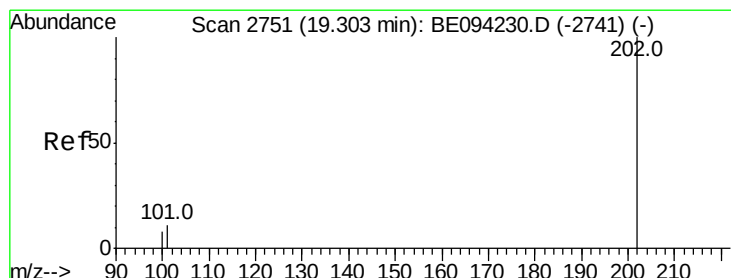
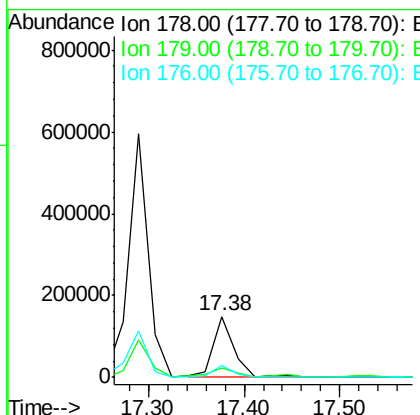
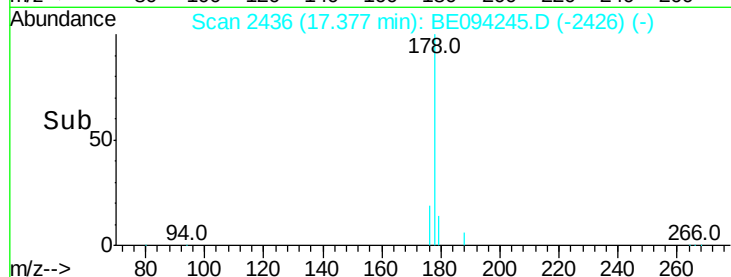
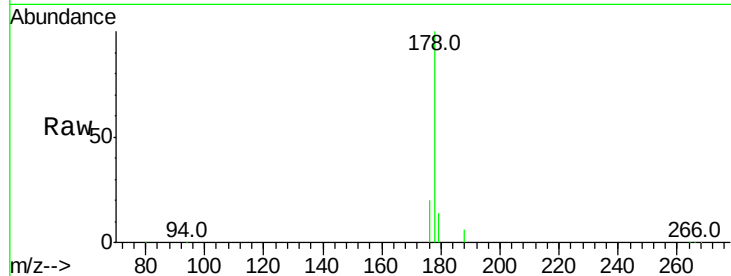
#13
 Anthracene
 Concen: 5.868 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	18.1	27.1#
176	19.5	14.7	22.1

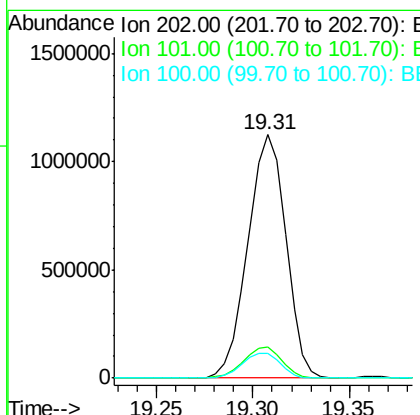
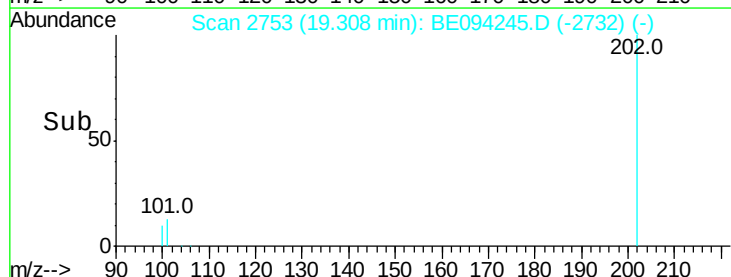
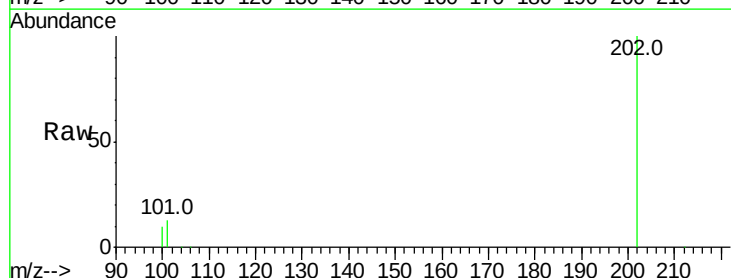
Manual Integrations
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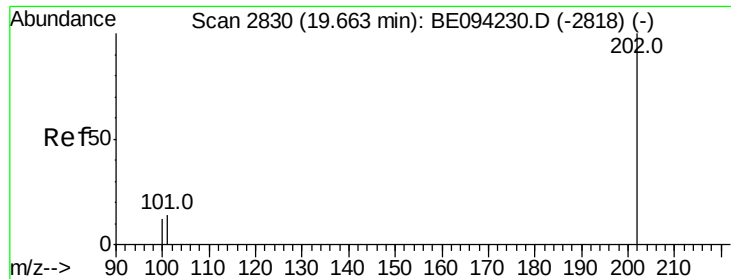
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#15
 Fluoranthene
 Concen: 30.201 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	10.1	0.0	39.5





#17

Pvrene

Concen: 37.972 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Instrument :

BNA_E

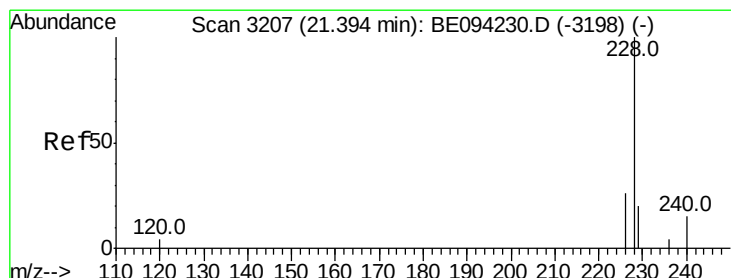
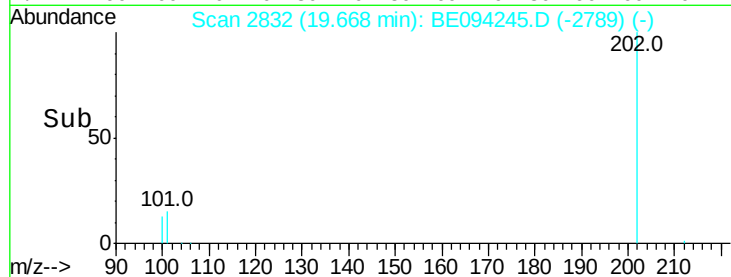
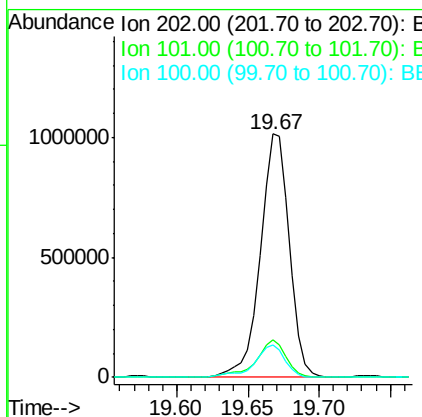
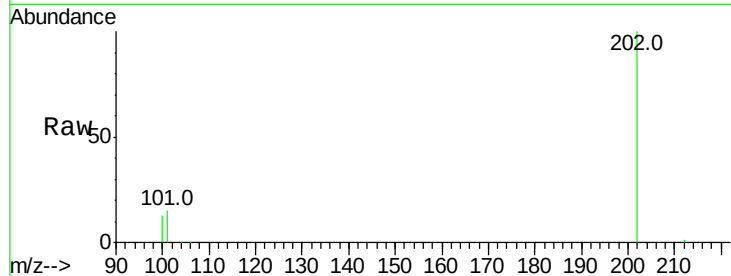
ClientSampled :

DUP-1

Tot Ion:	202	Resp:	1442462
Ion Ratio	Lower	Upper	
202	100		
101	15.4	18.2	27.4#
100	13.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 20.952 ng/ul

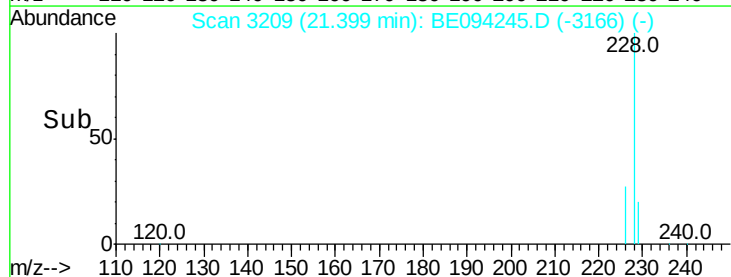
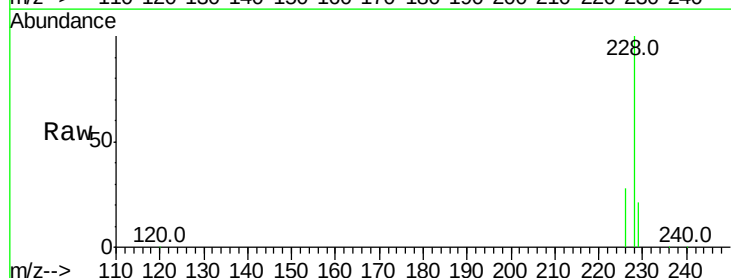
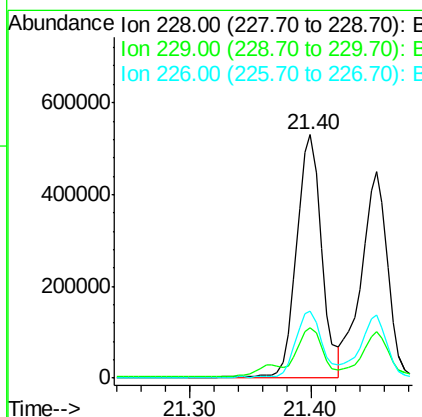
RT: 21.40 min Scan# 3209

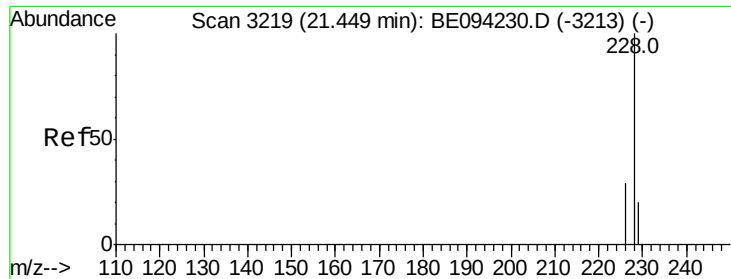
Delta R.T. -0.00 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Tgt Ion:	228	Resp:	758875
Ion Ratio	Lower	Upper	
228	100		
229	20.9	22.8	34.2#
226	27.7	17.0	25.6#





#19

Chrysene

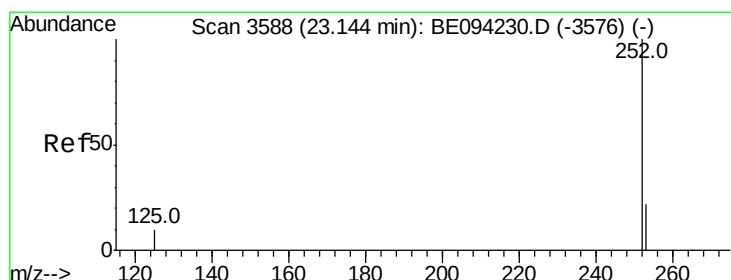
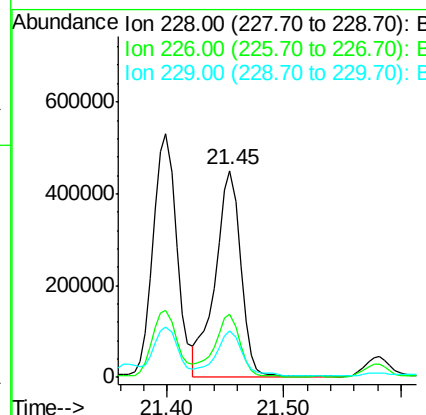
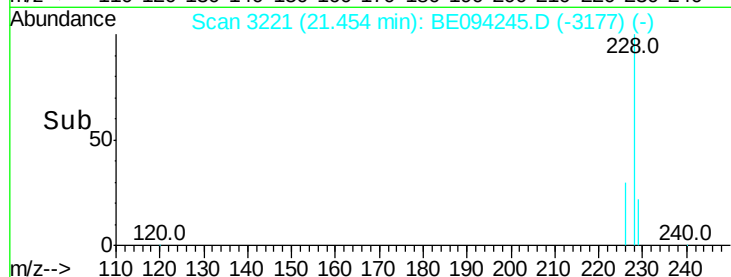
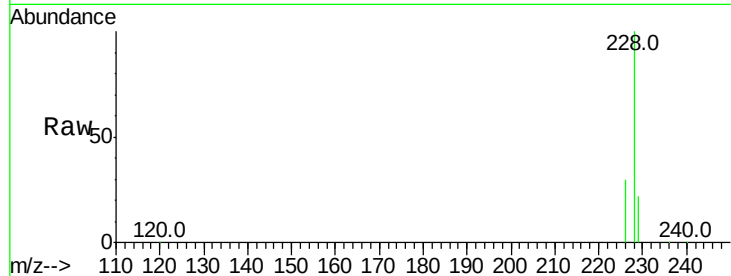
Concen: 16.233 ng/ul
 RT: 21.45 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	22.4	17.7	26.5

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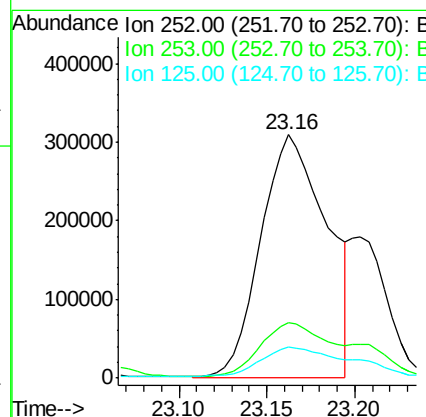
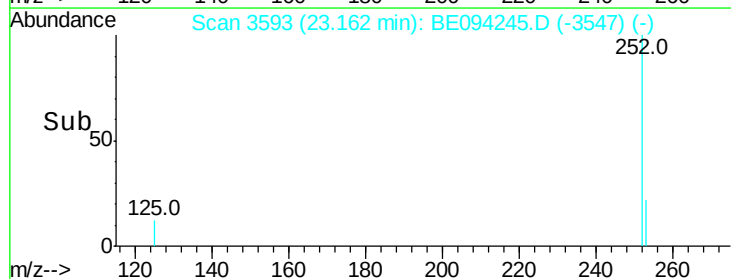
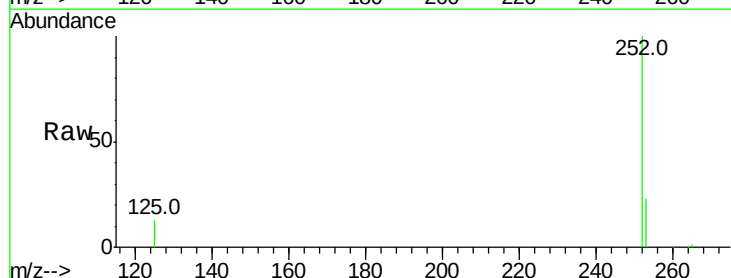


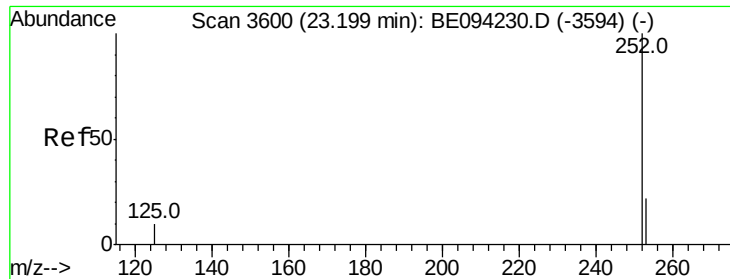
#21

Benzo(b)fluoranthene

Concen: 22.277 ng/ul m
 RT: 23.16 min Scan# 3593
 Delta R.T. 0.01 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	12.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 6.435 ng/ul m

RT: 23.20 min Scan# 3602

Delta R.T. 0.00 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Instrument :

BNA_E

ClientSampled :

DUP-1

Tot Ion:252 Resp: 270517

Ion Ratio Lower Upper

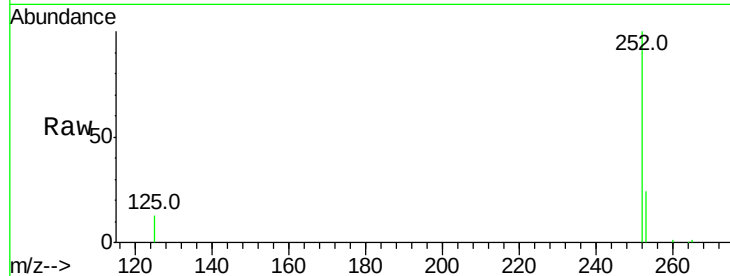
252 100

253 24.0 24.5 36.7#

125 12.6 13.7 20.5#

Manual Integrations
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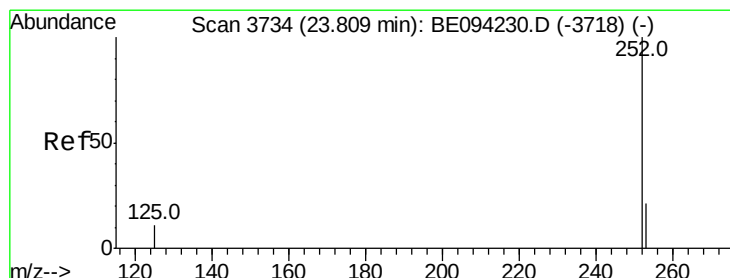
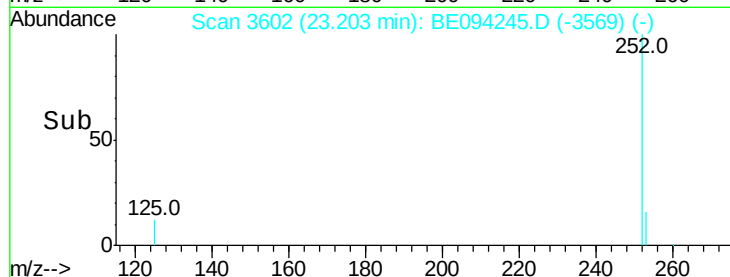
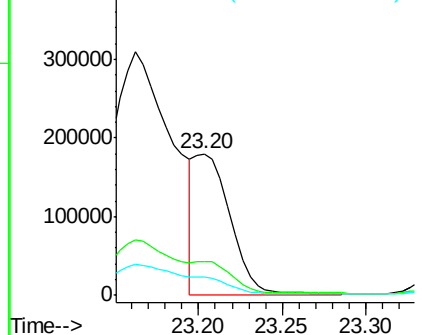
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10/11/2017 9:24:22 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 15.985 ng/ul m

RT: 23.82 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

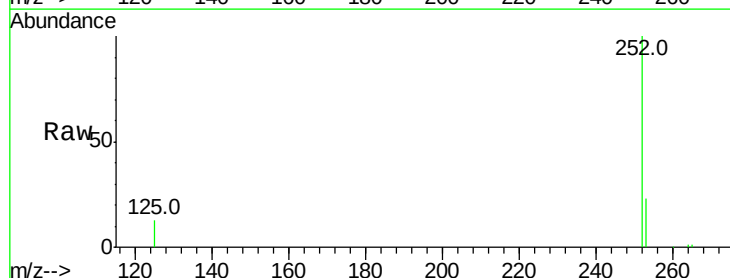
Tgt Ion:252 Resp: 604156

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

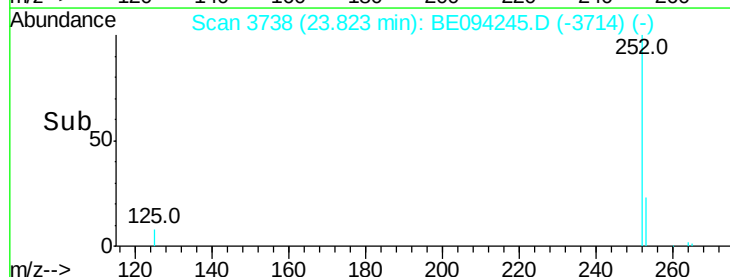
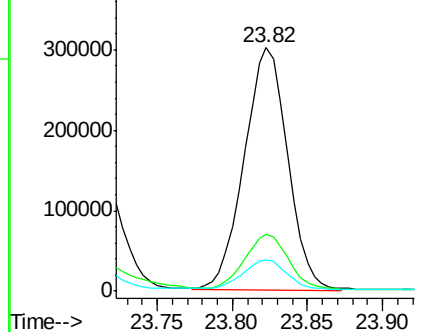
125 12.8 18.1 27.1#

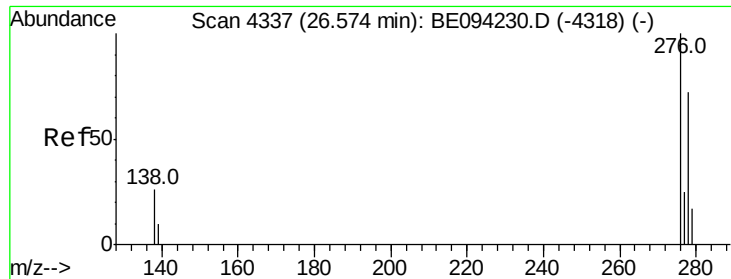


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 9.695 ng/ul m

RT: 26.59 min Scan# 4342

Delta R.T. 0.01 min

Lab File: BE094245.D

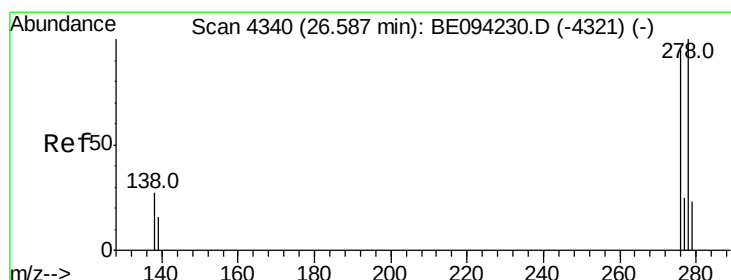
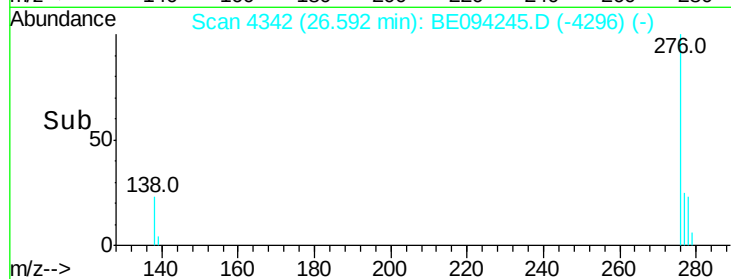
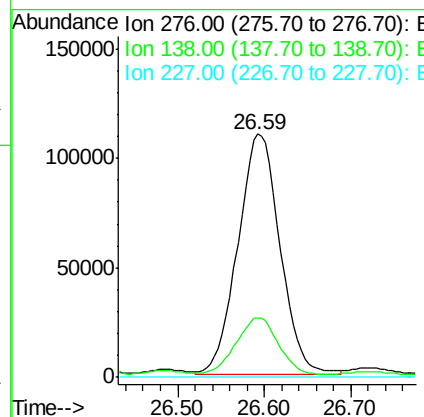
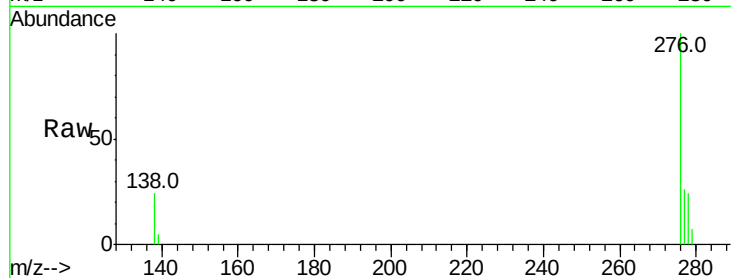
Acq: 10 Oct 2017 6:05

Instrument :
BNA_E
ClientSampled :
DUP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/11/2017 9:24:22 AM



#25

Dibenzo(a,h)anthracene

Concen: 3.193 ng/ul m

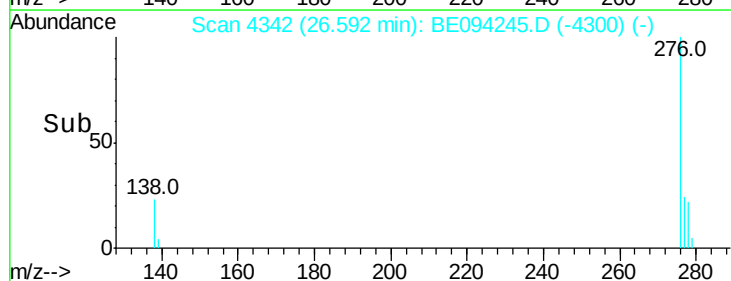
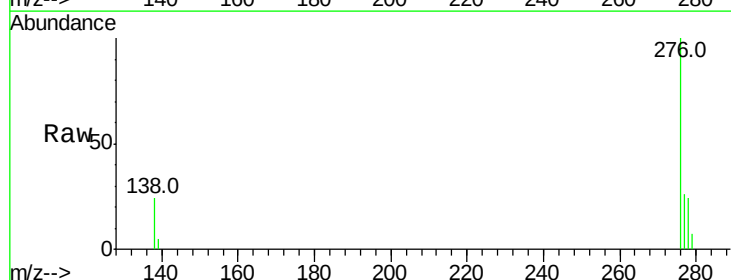
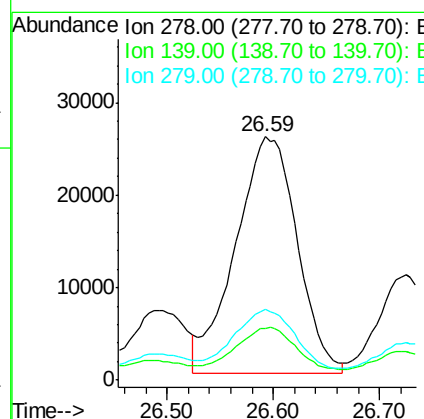
RT: 26.59 min Scan# 4342

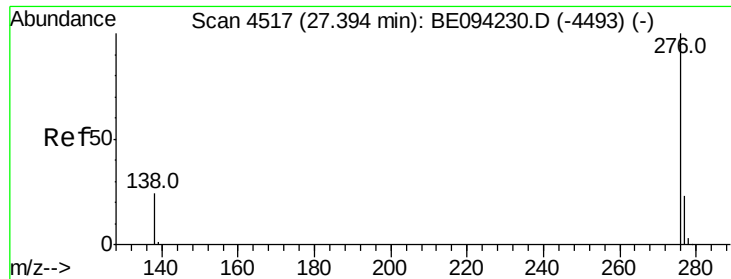
Delta R.T. -0.01 min

Lab File: BE094245.D

Acq: 10 Oct 2017 6:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.4	26.0
279	28.9	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 9.246 ng/ul m
 RT: 27.42 min Scan# 4524
 Delta R.T. 0.02 min
 Lab File: BE094245.D
 Acq: 10 Oct 2017 6:05

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.8	32.8
277	24.9	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:24:22 AM

