

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094370.D
 Acq On : 15 Oct 2017 00:18
 Operator : SJ/JU
 Sample : I5548-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:28 PM

Quant Time: Oct 15 03:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1674	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8648	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	7712	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10751	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	13714	0.40	ng/ul	0.00
20) Perylene-d12	24.00	264	8349m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2878	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	6775	0.19	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	372230	17.573	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	472422	34.379	ng/ul	98
7) Acenaphthylene	14.24	152	11315	0.376	ng/ul#	1
8) Acenaphthene	14.59	153	18370	0.742	ng/ul#	67
9) Fluorene	15.57	166	5914	0.204	ng/ul#	65
12) Phenanthrene	17.29	178	91881	3.270	ng/ul#	90
13) Anthracene	17.38	178	10599	0.388	ng/ul#	66
15) Fluoranthene	19.31	202	77633	2.103	ng/ul	82
17) Pyrene	19.68	202	78837	2.066	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	40757	1.120	ng/ul#	67
19) Chrysene	21.47	228	44029	1.048	ng/ul#	62
21) Benzo(b)fluoranthene	23.21	252	52817m	2.329	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	12637m	0.482	ng/ul	
23) Benzo(a)pyrene	23.89	252	29931m	1.270	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.72	276	21032m	0.872	ng/ul	
26) Benzo(a,h,i)perylene	27.57	276	22241m	1.070	ng/ul	

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

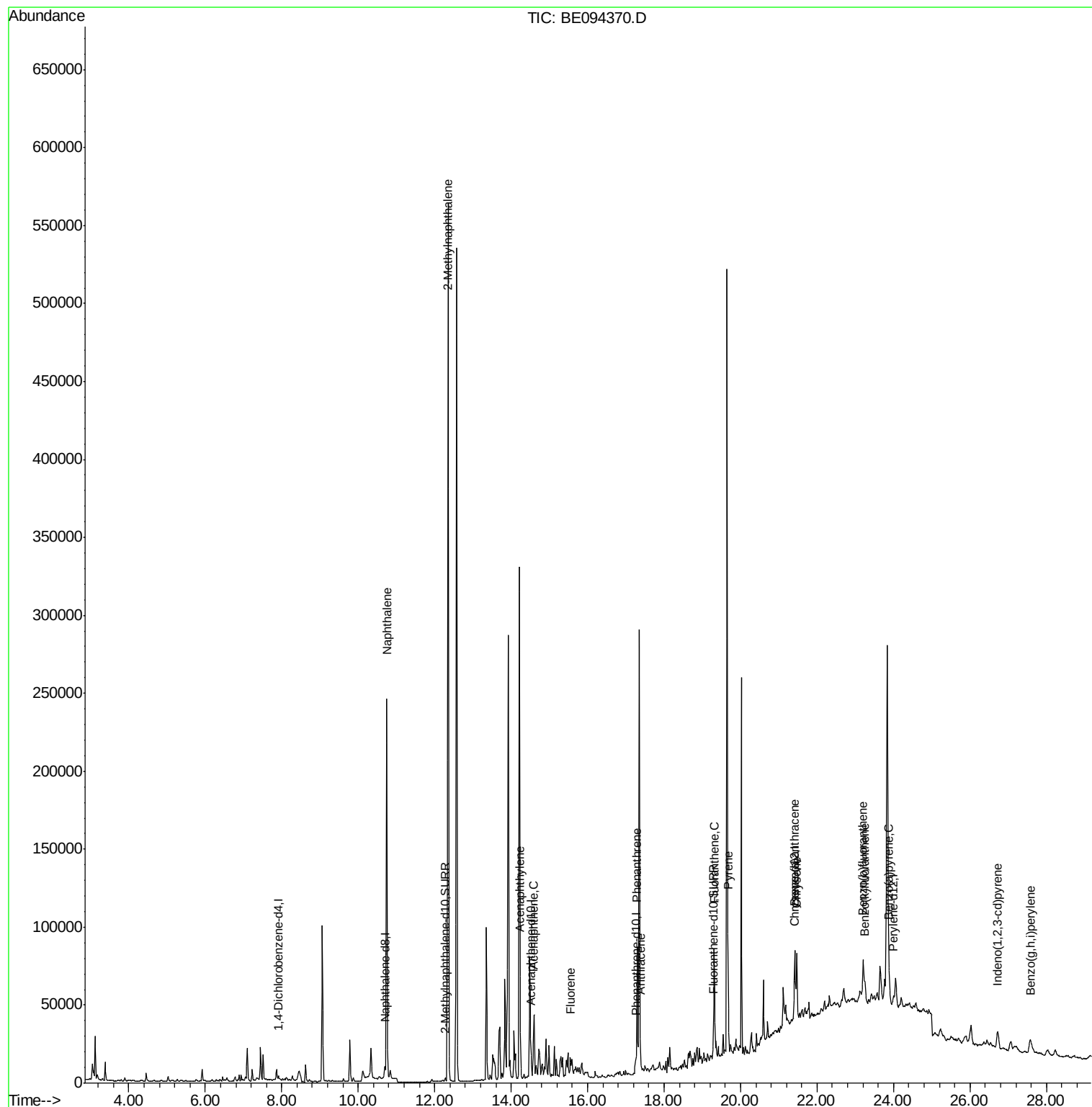
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094370.D
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ALS Vial : 17 Sample Multiplier: 1

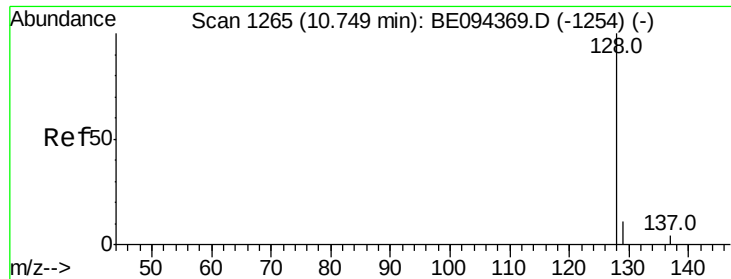
Instrument :
BNA_E
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Quant Time: Oct 15 03:01:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 17.573 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

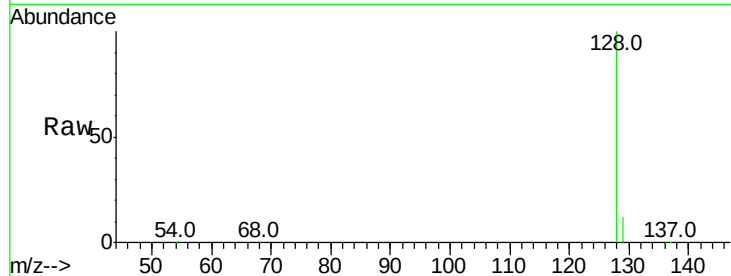
ClientSampled :

C0AF8

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
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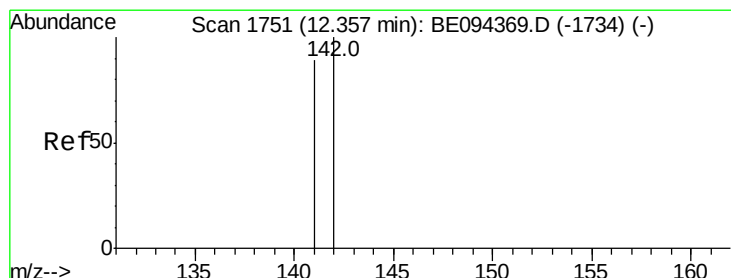
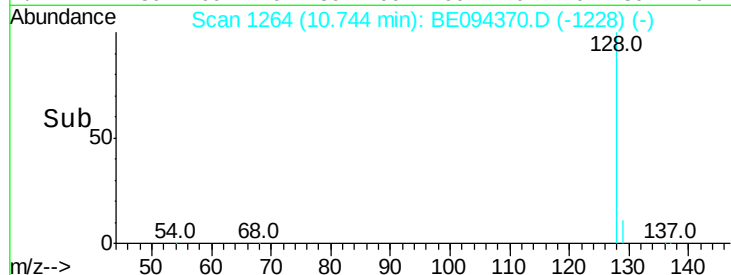
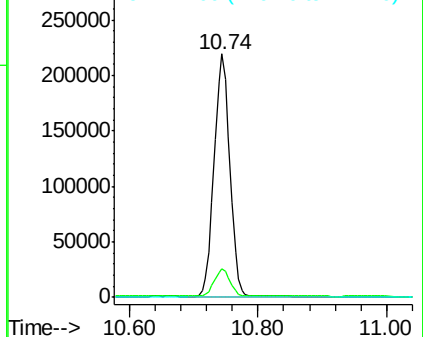
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 34.379 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.02 min

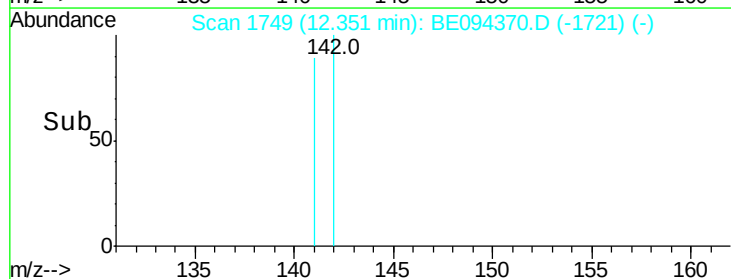
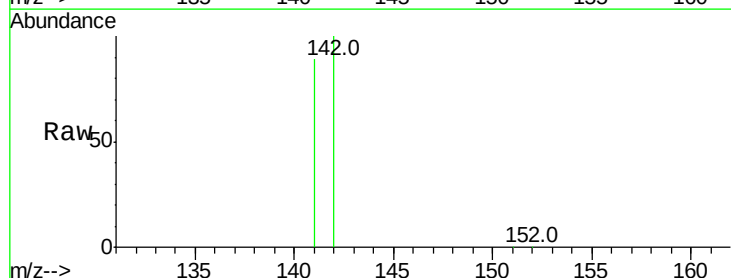
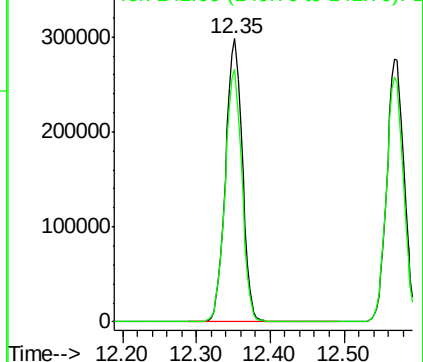
Lab File: BE094370.D

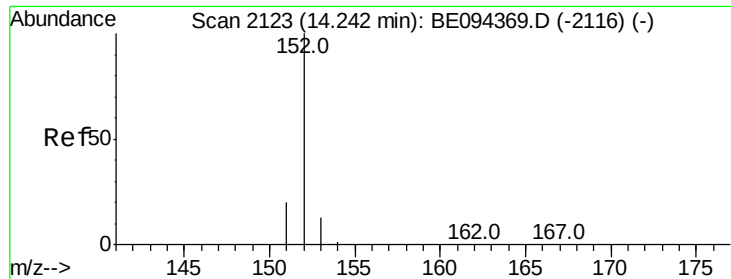
Acq: 15 Oct 2017 00:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	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: 0.376 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

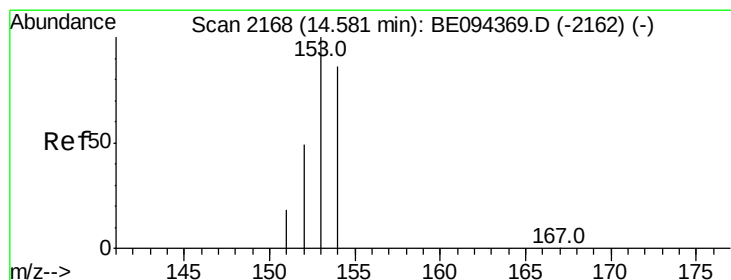
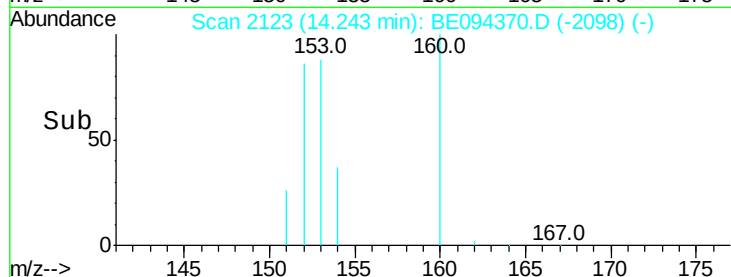
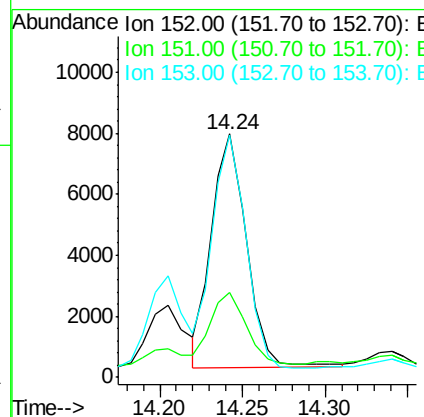
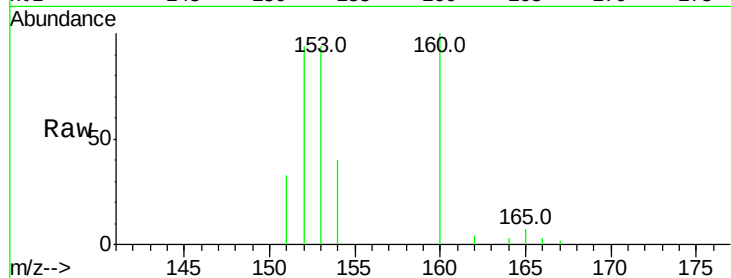
ClientSampled :

C0AF8

Tot Ion:	152	Resp:	11315
Ion Ratio	Lower	Upper	
152	100		
151	35.1	17.1	25.7#
153	99.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.742 ng/ul

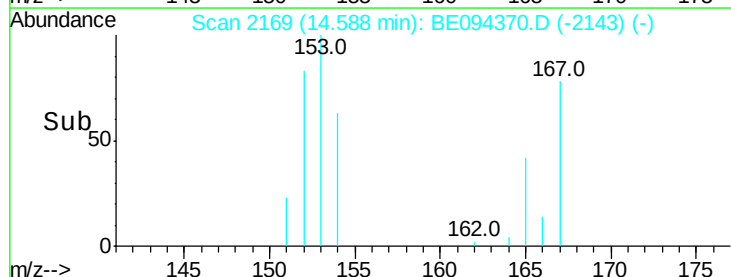
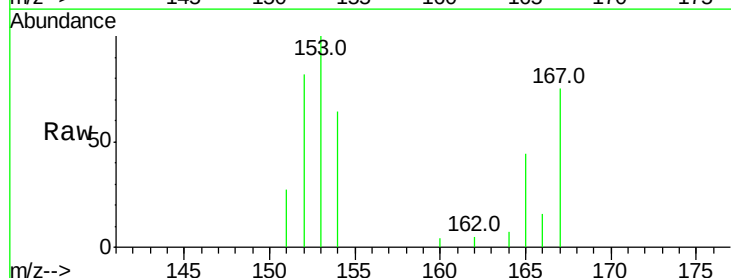
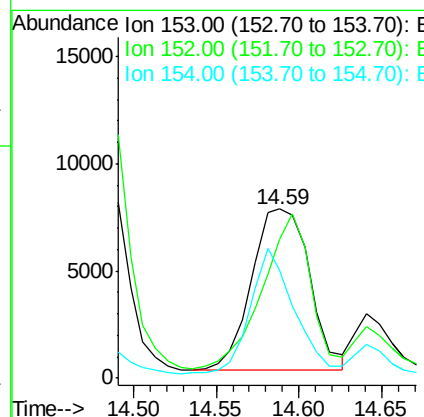
RT: 14.59 min Scan# 2169

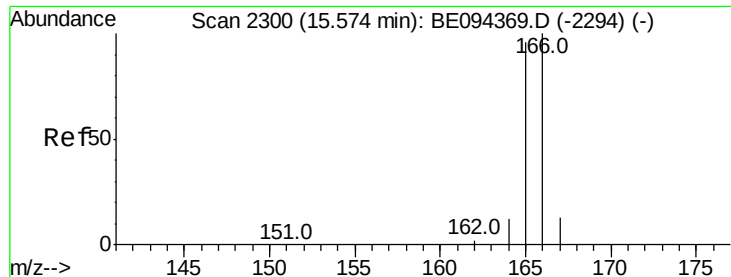
Delta R.T. -0.00 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Tgt Ion:	153	Resp:	18370
Ion Ratio	Lower	Upper	
153	100		
152	81.8	40.3	60.5#
154	64.3	71.4	107.2#





#9

Fluorene

Concen: 0.204 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

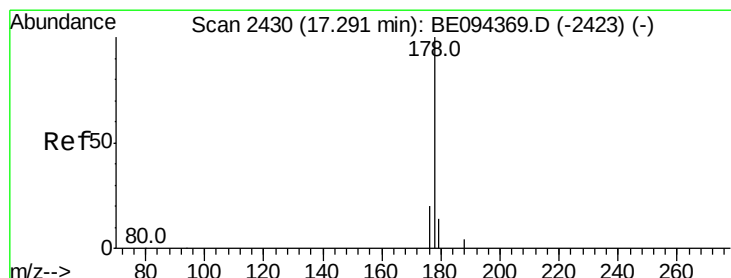
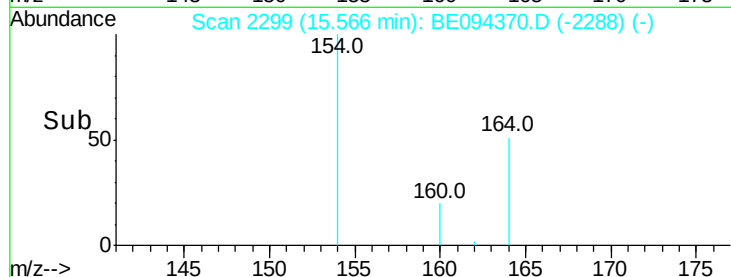
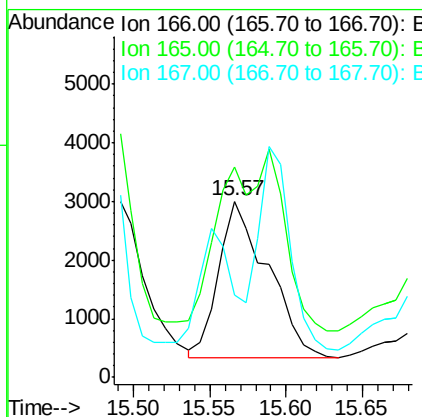
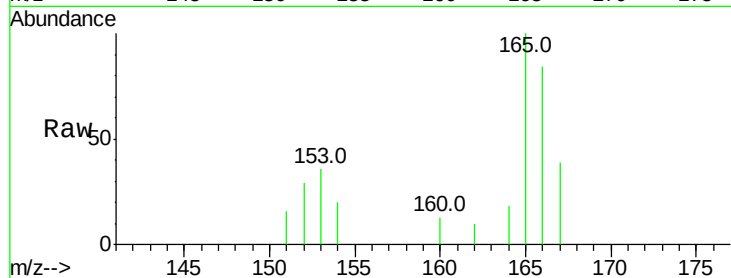
ClientSampleId :

C0AF8

Tot Ion	Ratio	Lower	Upper
166	100		
165	119.2	73.4	110.2#
167	46.9	14.6	22.0#

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#12

Phenanthrene

Concen: 3.270 ng/ul

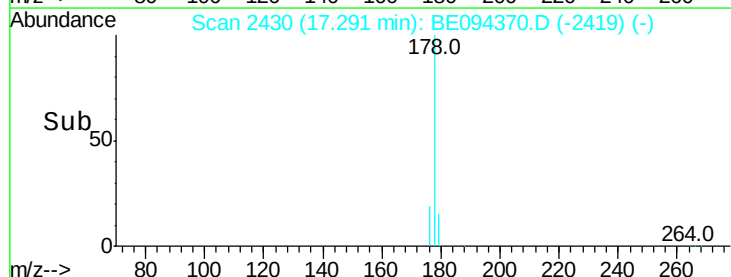
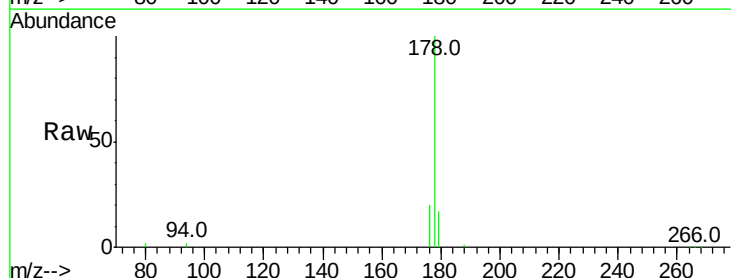
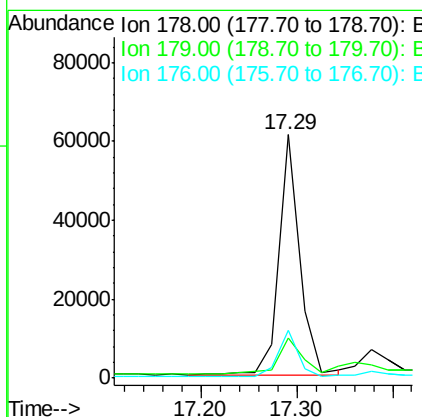
RT: 17.29 min Scan# 2430

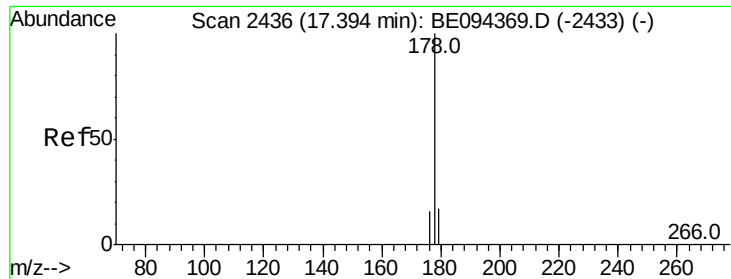
Delta R.T. -0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6#
176	19.5	13.6	20.4





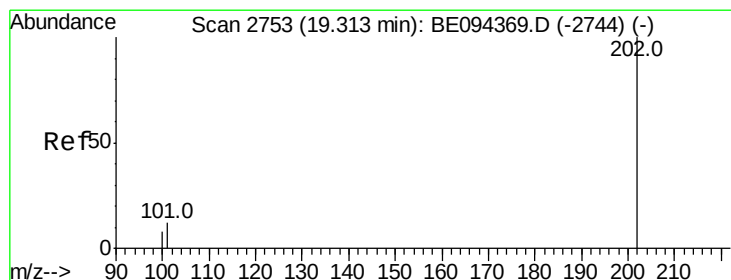
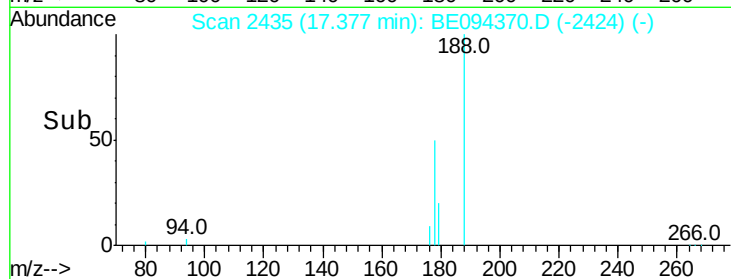
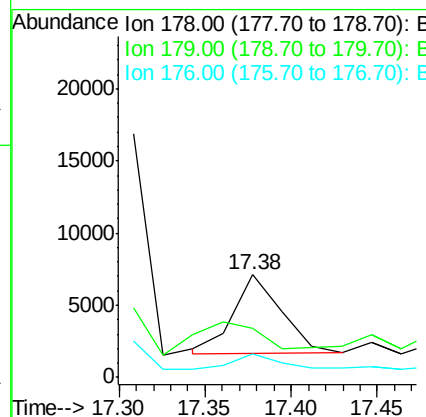
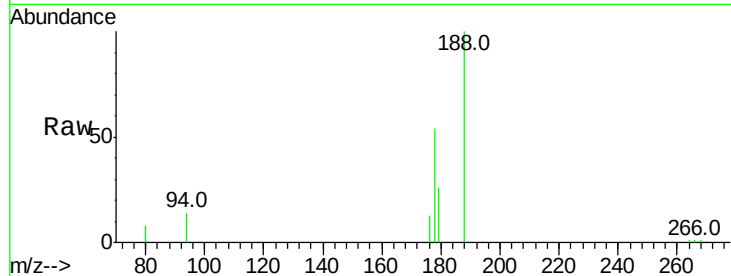
#13
 Anthracene
 Concen: 0.388 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094370.D
 Acq: 15 Oct 2017 00:18

Instrument :
 BNA_E
 ClientSampled :
 C0AF8

Tot Ion	Ratio	Lower	Upper
178	100		
179	48.3	18.1	27.1#
176	23.0	14.7	22.1#

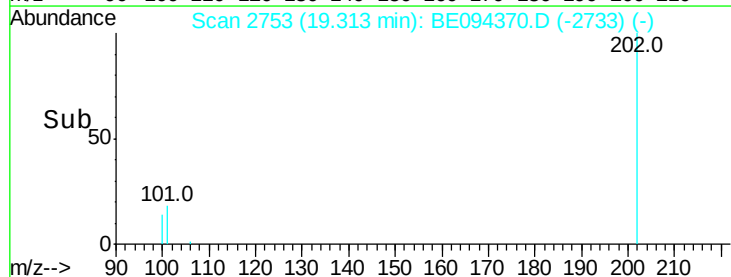
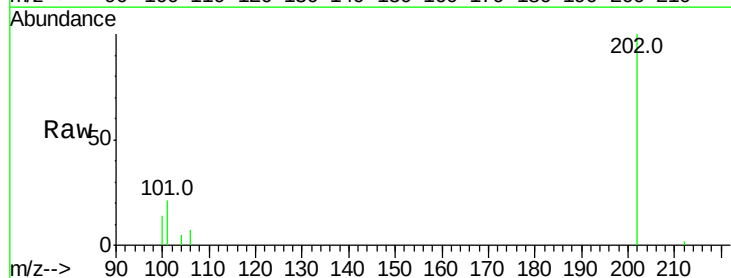
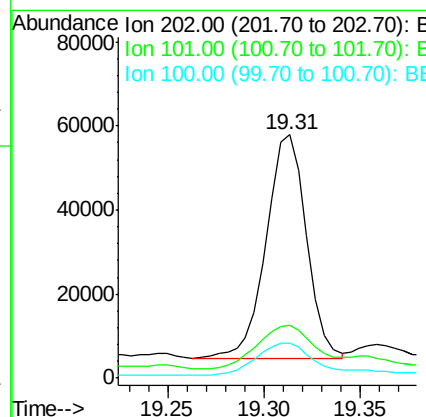
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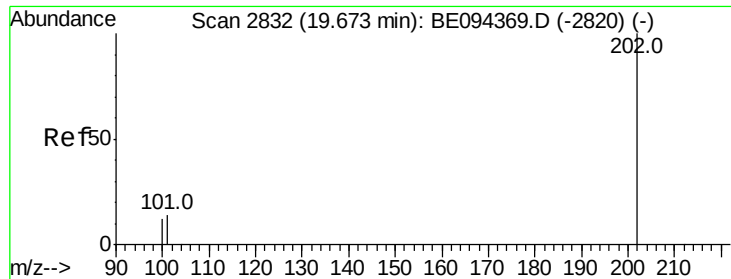
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#15
 Fluoranthene
 Concen: 2.103 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094370.D
 Acq: 15 Oct 2017 00:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.5	0.0	30.3
100	14.5	0.0	39.5





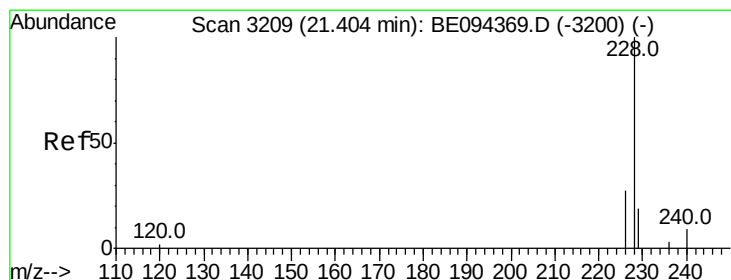
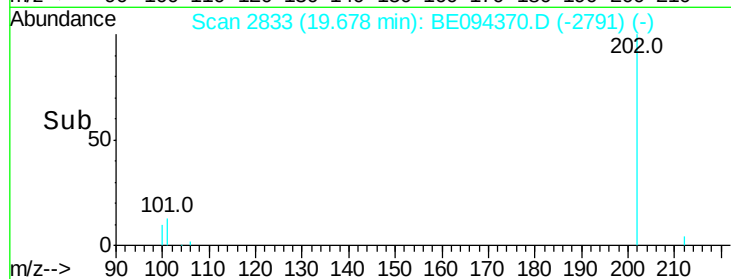
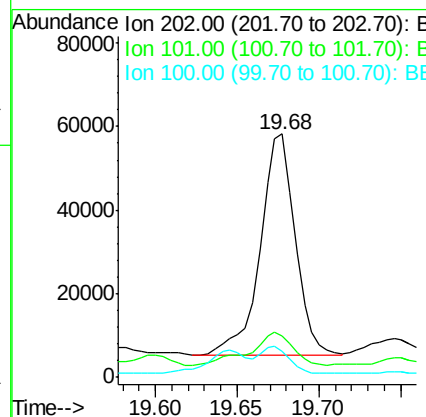
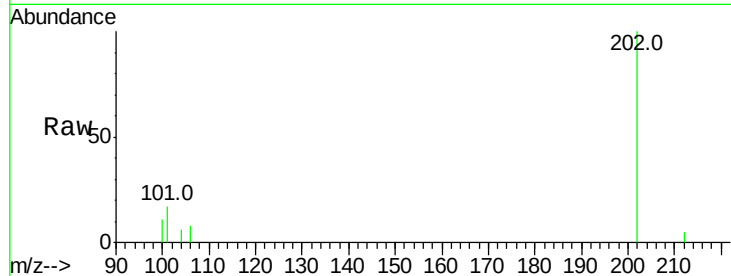
#17
Pvrene
Concen: 2.066 ng/ul
RT: 19.68 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094370.D
Acq: 15 Oct 2017 00:18

Instrument :
BNA_E
ClientSampleId :
C0AF8

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.1	18.2	27.4#
100	10.6	15.6	23.4#

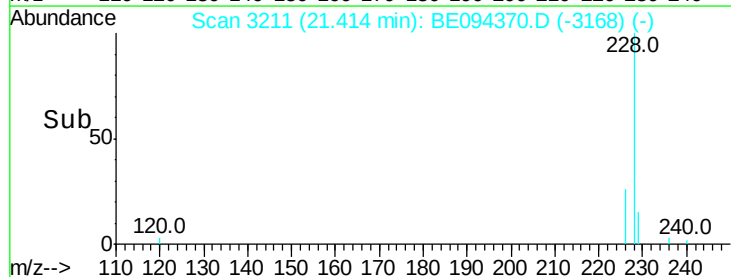
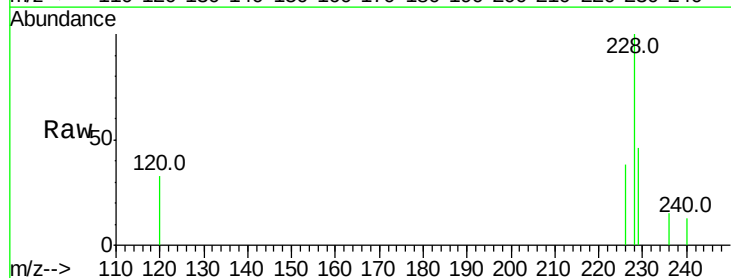
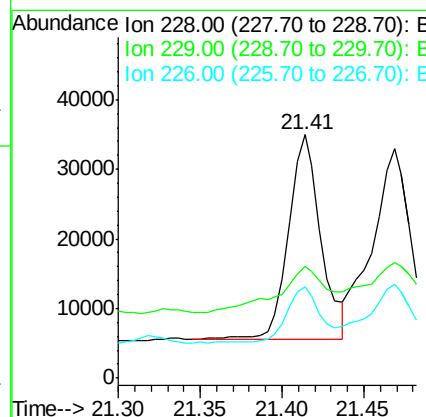
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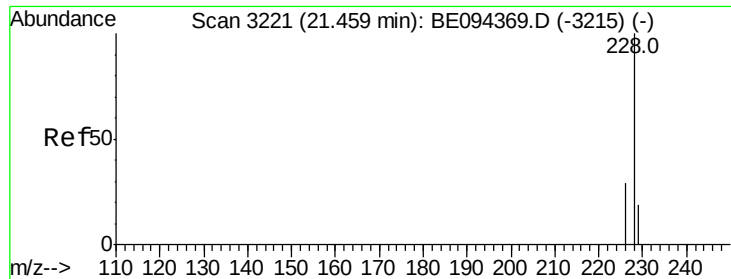
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#18
Benzo(a)anthracene
Concen: 1.120 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094370.D
Acq: 15 Oct 2017 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	45.8	22.8	34.2#
226	37.5	17.0	25.6#





#19

Chrysene

Concen: 1.048 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampleId :

C0AF8

Tot Ion:228 Resp: 44029

Ion Ratio Lower Upper

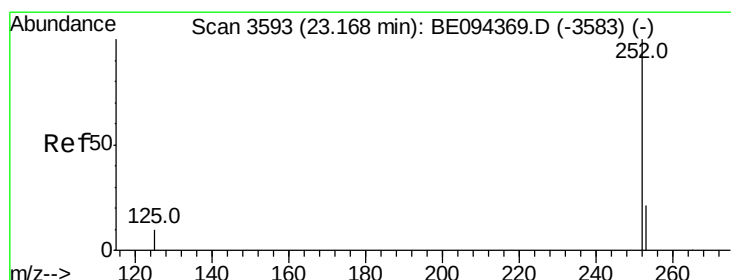
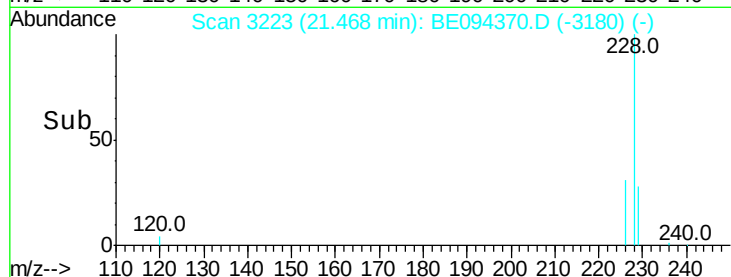
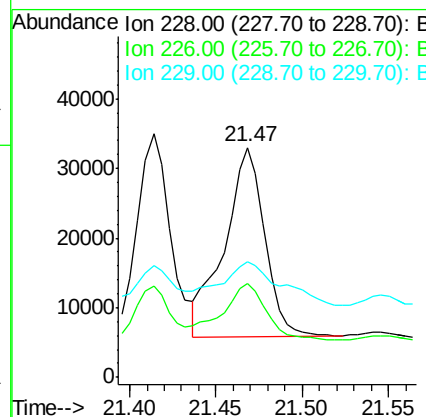
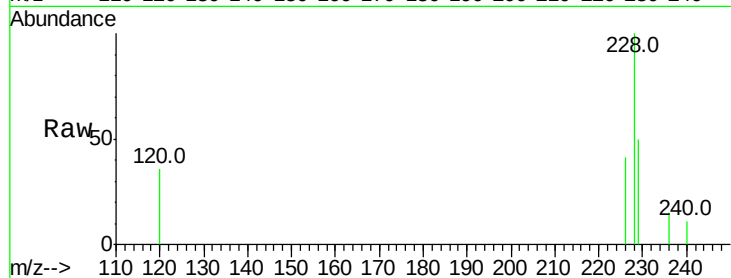
228 100

226 40.8 23.4 35.0#

229 50.4 17.7 26.5#

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 2.329 ng/ul m

RT: 23.21 min Scan# 3602

Delta R.T. 0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

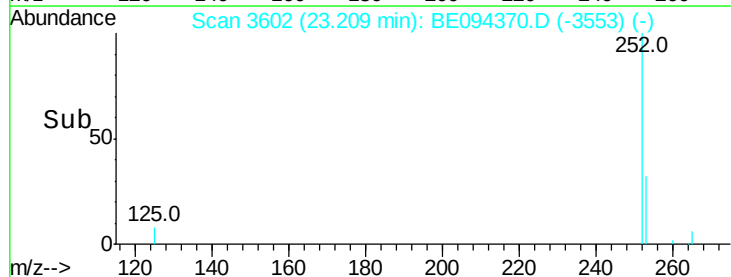
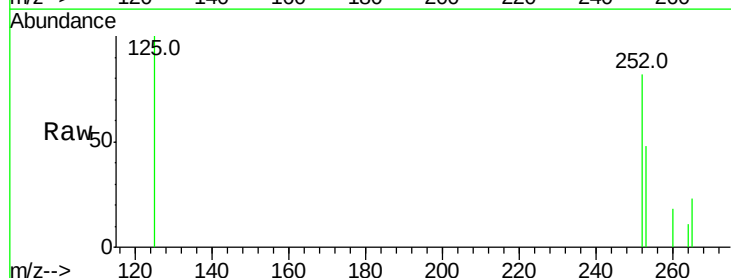
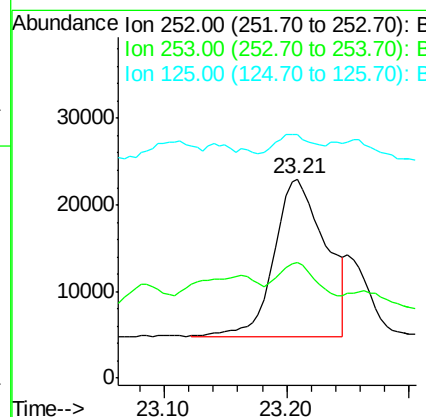
Tgt Ion:252 Resp: 52817

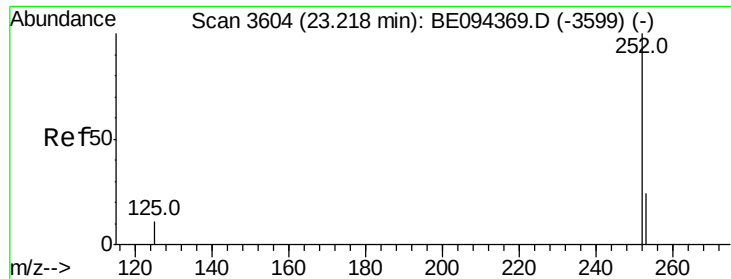
Ion Ratio Lower Upper

252 100

253 57.9 0.0 64.2

125 121.9 0.0 35.0#





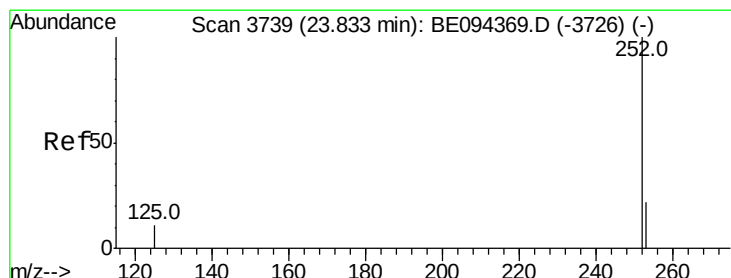
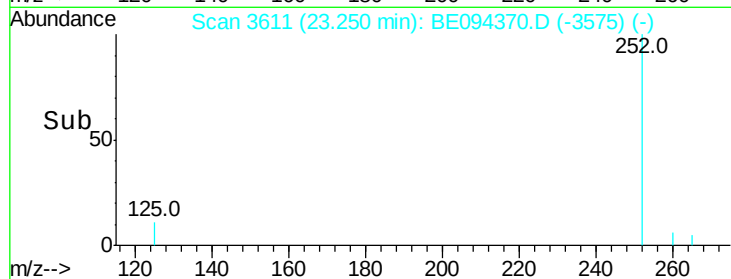
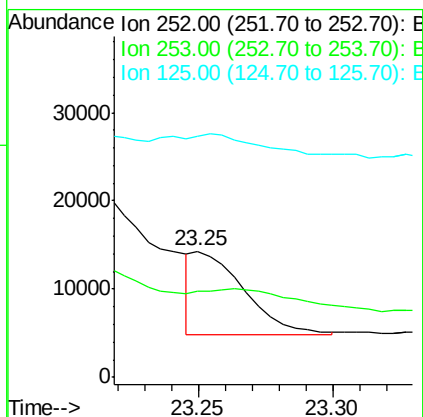
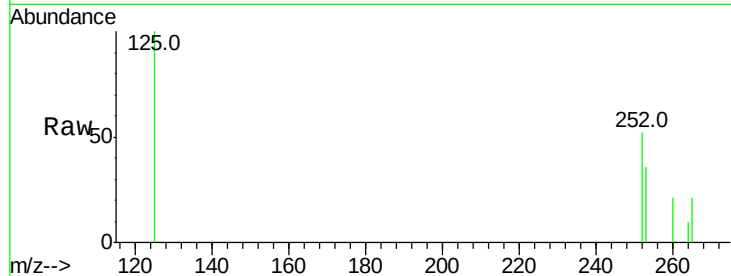
#22
Benzo(k)fluoranthene
Concen: 0.482 ng/ul m
RT: 23.25 min Scan# 3611
Delta R.T. 0.01 min
Lab File: BE094370.D
Acq: 15 Oct 2017 00:18

Instrument :
BNA_E
ClientSampleId :
C0AF8

Tot Ion	Ratio	Lower	Upper
252	100		
253	68.1	24.5	36.7#
125	190.9	13.7	20.5#

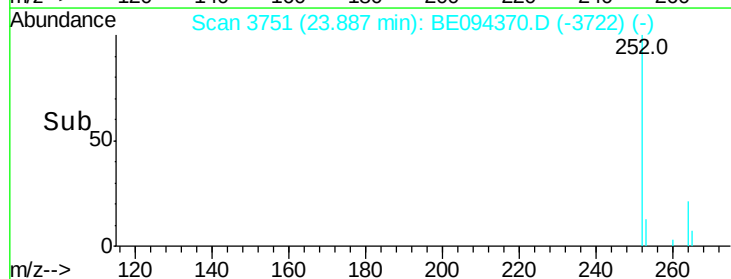
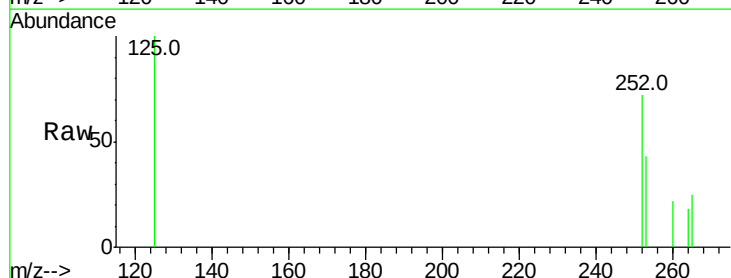
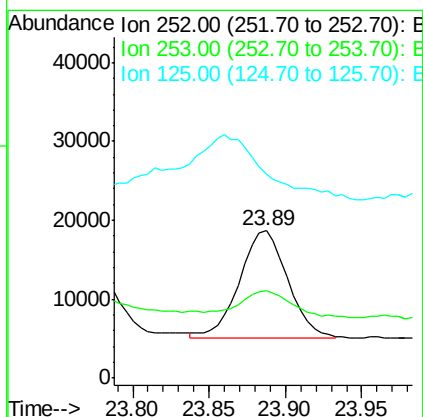
Manual Integrations
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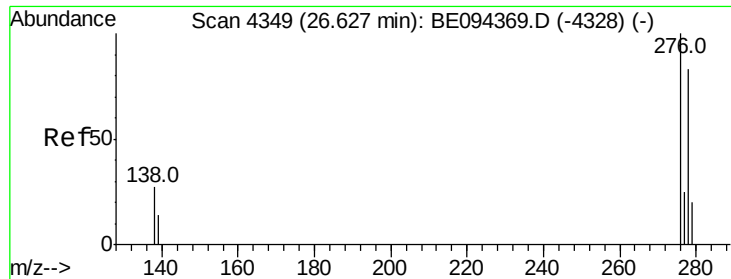
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#23
Benzo(a)pyrene
Concen: 1.270 ng/ul m
RT: 23.89 min Scan# 3751
Delta R.T. 0.03 min
Lab File: BE094370.D
Acq: 15 Oct 2017 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.2	28.5	42.7#
125	138.4	18.1	27.1#





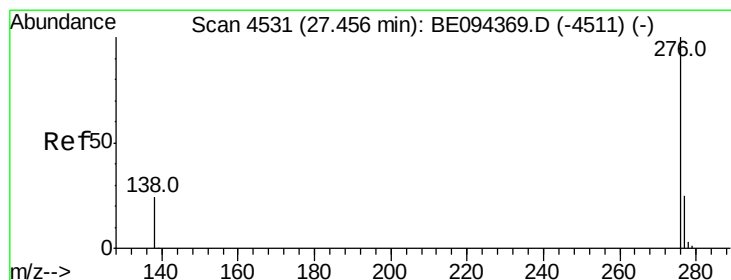
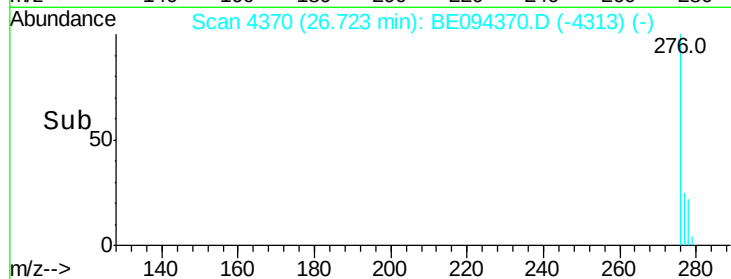
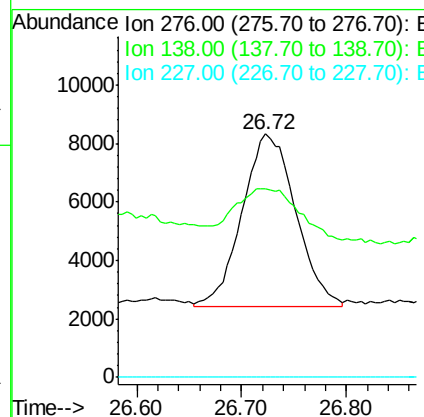
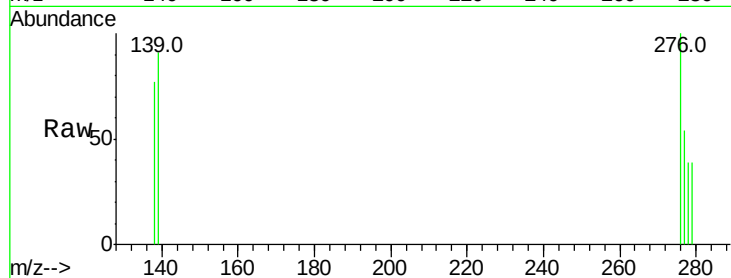
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.872 ng/ul m
 RT: 26.72 min Scan# 4370
 Delta R.T. 0.06 min
 Lab File: BE094370.D
 Acq: 15 Oct 2017 00:18

Instrument :
 BNA_E
 ClientSampleId :
 C0AF8

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	28.0	42.0
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:28 PM



#26
 Benzo(g,h,i)perylene
 Concen: 1.070 ng/ul m
 RT: 27.57 min Scan# 4557
 Delta R.T. 0.08 min
 Lab File: BE094370.D
 Acq: 15 Oct 2017 00:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	76.3	21.8	32.8#
277	53.0	20.5	30.7#

