

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094558.D
 Acq On : 26 Oct 2017 12:23
 Operator : SJ/JU
 Sample : I5719-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-36(3-3.7)-100417

Manual Integrations
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Quant Time: Oct 27 07:56:59 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	6449	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5693	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7401	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	7315	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	7924	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4676	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	3677	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	209461	7.407	ng/ul#	61
5) 2-Methylnaphthalene	12.35	142	82706	4.180	ng/ul	98
7) Acenaphthylene	14.24	152	16018	0.622	ng/ul#	1
8) Acenaphthene	14.60	153	26805	1.449	ng/ul#	41
9) Fluorene	15.57	166	29137	1.402	ng/ul#	78
12) Phenanthrene	17.29	178	13596	0.696	ng/ul	96
13) Anthracene	17.38	178	1926m	0.100	ng/ul	
15) Fluoranthene	19.31	202	8360	0.370	ng/ul	83
17) Pyrene	19.67	202	8140	0.360	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	1952m	0.093	ng/ul	
19) Chrysene	21.46	228	1932m	0.089	ng/ul	
21) Benzo(b)fluoranthene	23.18	252	2544m	0.114	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	849m	0.036	ng/ul	
23) Benzo(a)pyrene	23.84	252	1352	0.061	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.65	276	1254	0.054	ng/ul#	86
26) Benzo(g,h,i)perylene	27.48	276	1315	0.071	ng/ul#	25

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

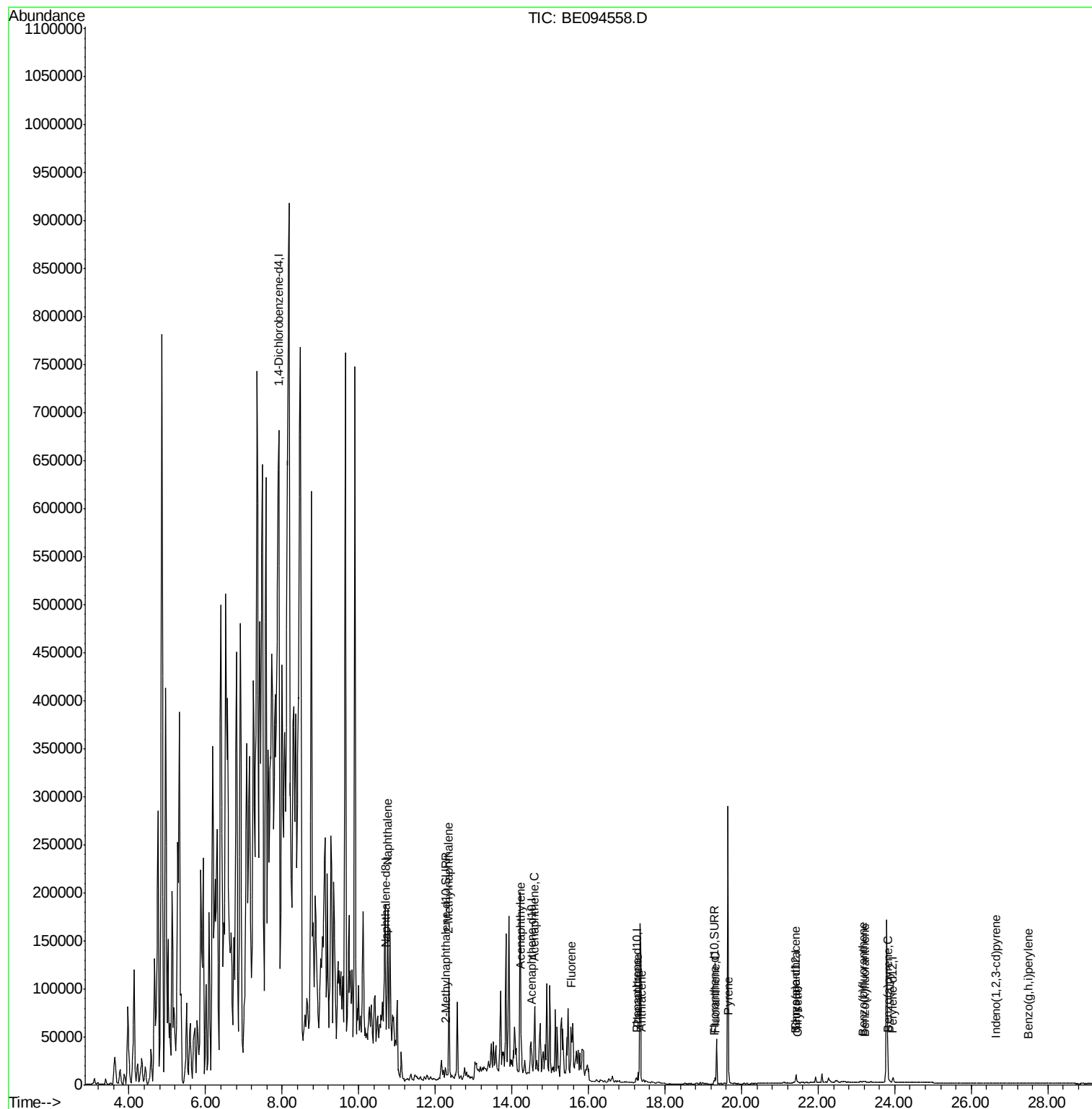
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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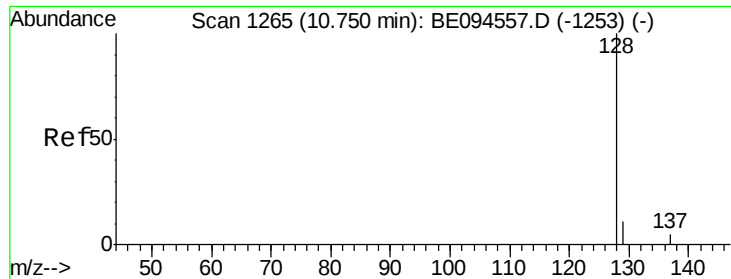
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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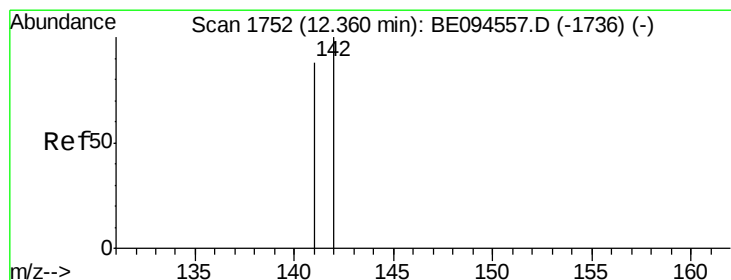
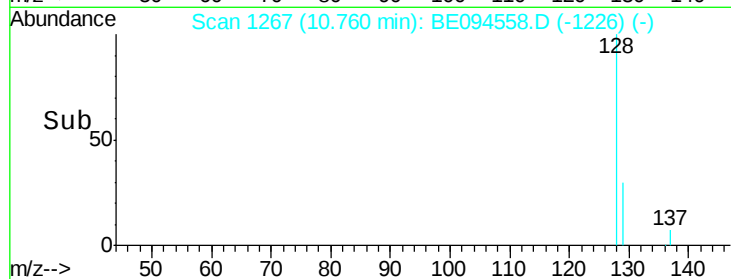
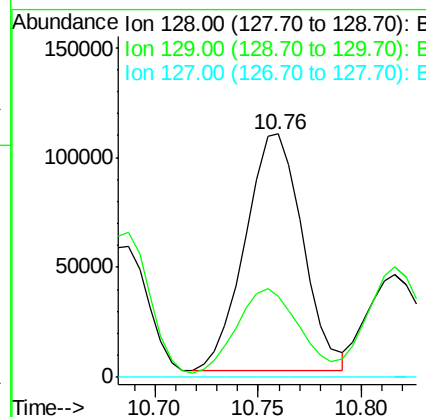
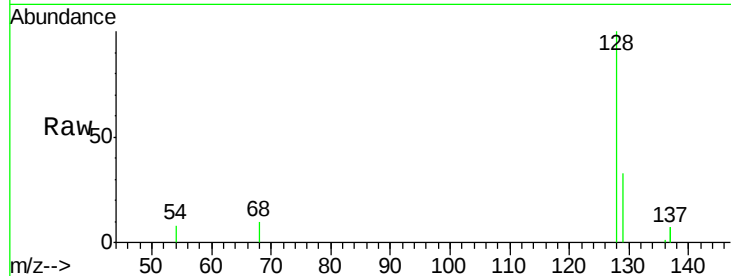
#3
Naphthalene
Concen: 7.407 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BE094558.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_E
ClientSampleId :
B-36(3-3.7)-100417

Tgt Ion	Ratio	Lower	Upper
128	100		
129	33.4	11.3	16.9#
127	0.0	4.0	6.0#

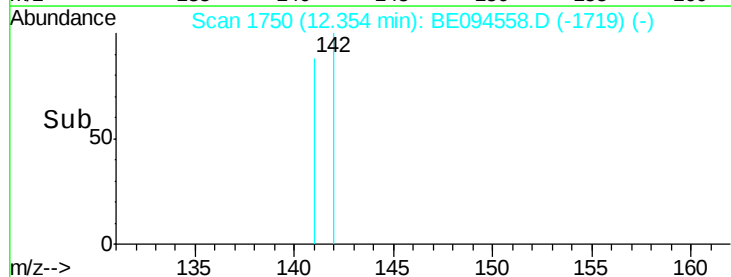
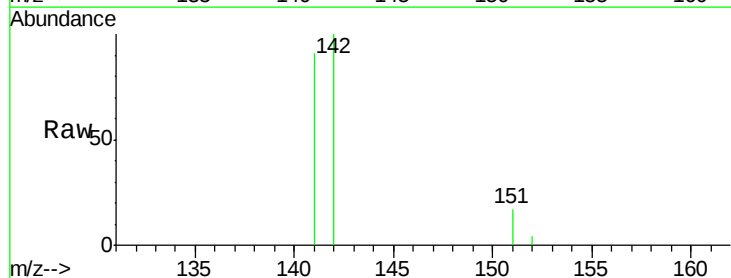
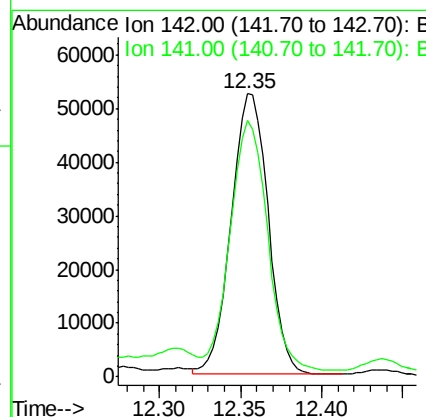
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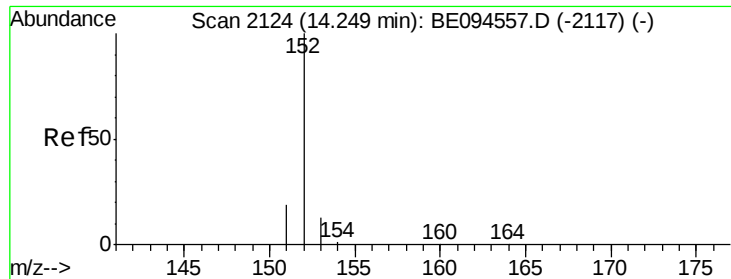
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#5
2-Methylnaphthalene
Concen: 4.180 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094558.D
Acq: 26 Oct 2017 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.622 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23

Instrument :

BNA_E

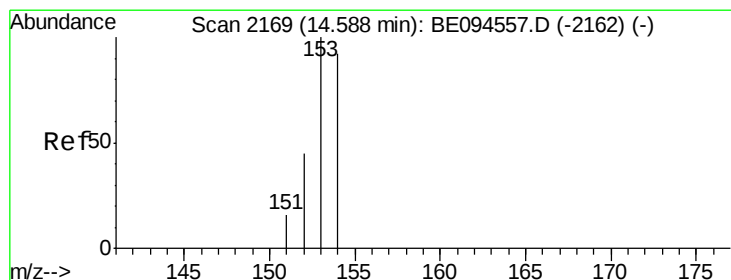
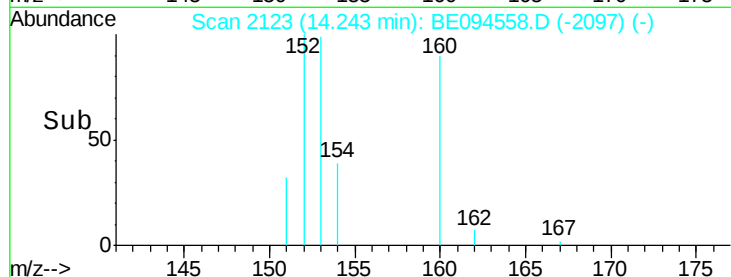
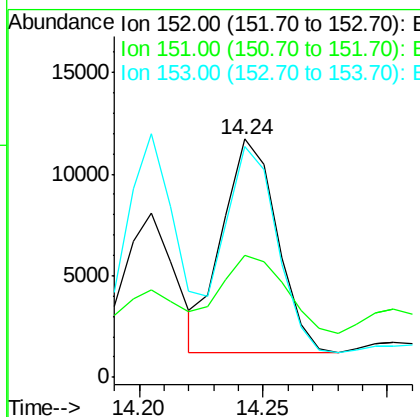
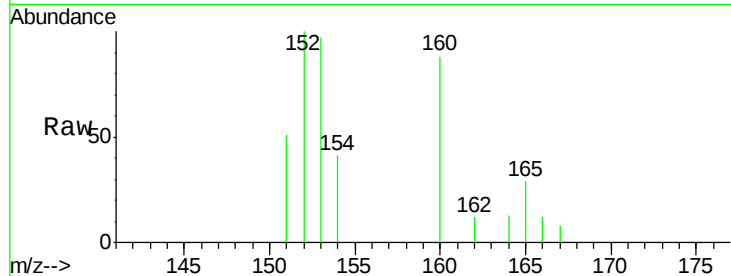
ClientSampleId :

B-36(3-3.7)-100417

Tgt Ion:	152	Resp:	16018
Ion Ratio		Lower	Upper
152	100		
151	51.1	17.1	25.7#
153	96.9	12.8	19.2#

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#8

Acenaphthene

Concen: 1.449 ng/ul

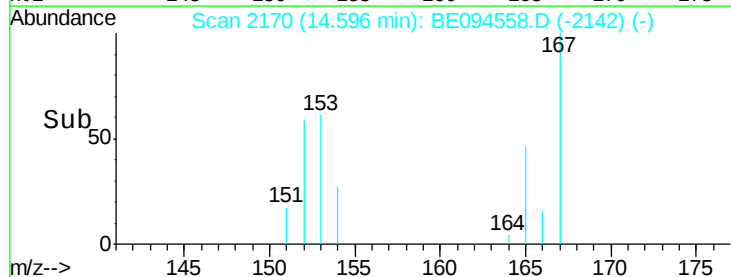
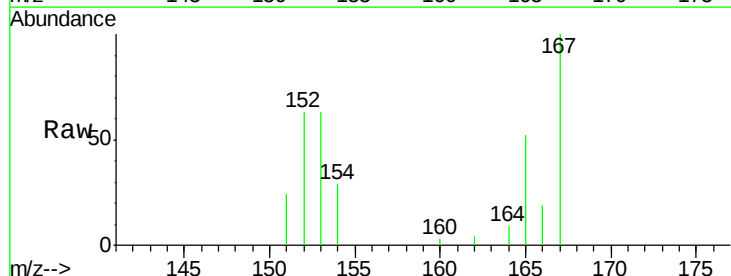
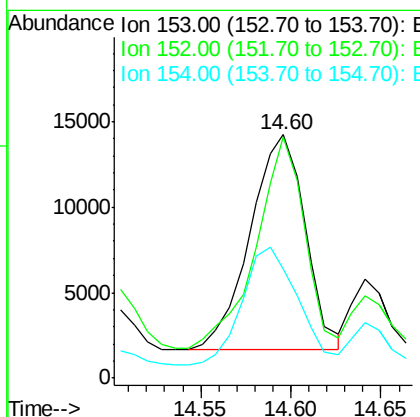
RT: 14.60 min Scan# 2170

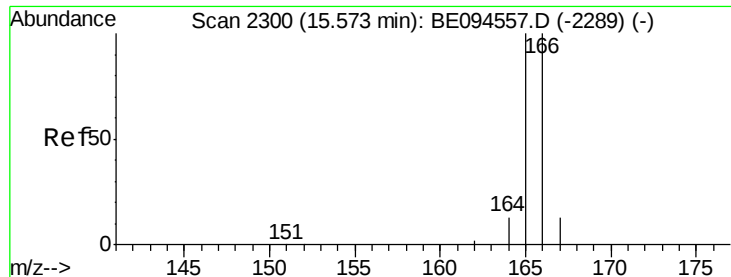
Delta R.T. 0.01 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23

Tgt Ion:	153	Resp:	26805
Ion Ratio		Lower	Upper
153	100		
152	98.9	36.0	54.0#
154	45.0	72.0	108.0#





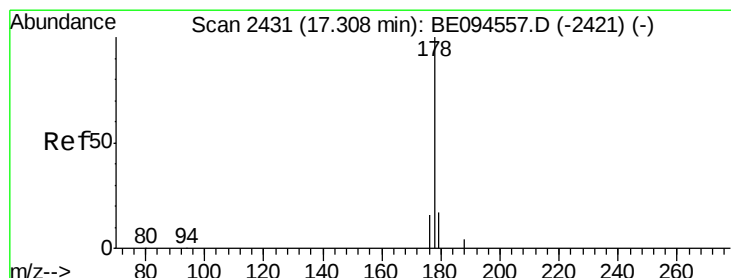
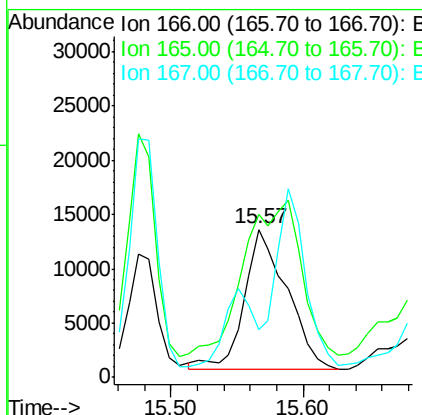
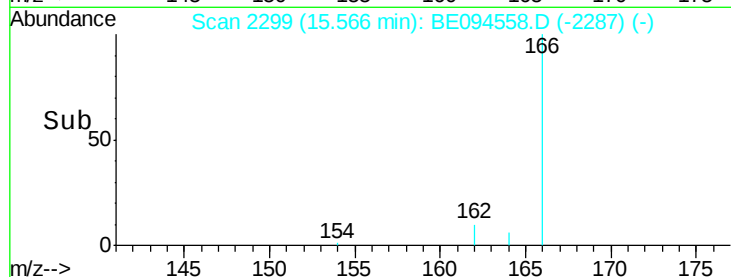
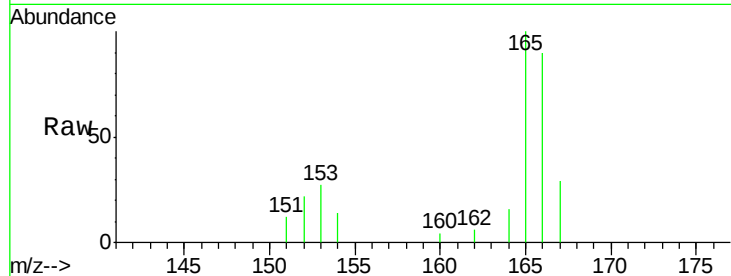
#9
Fluorene
 Concen: 1.402 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094558.D
 Acq: 26 Oct 2017 12:23

Instrument :
 BNA_E
 ClientSampleId :
 B-36(3-3.7)-100417

Tgt Ion:166 Resp: 29137
 Ion Ratio Lower Upper
 166 100
 165 110.5 73.4 110.2#
 167 32.1 14.6 22.0#

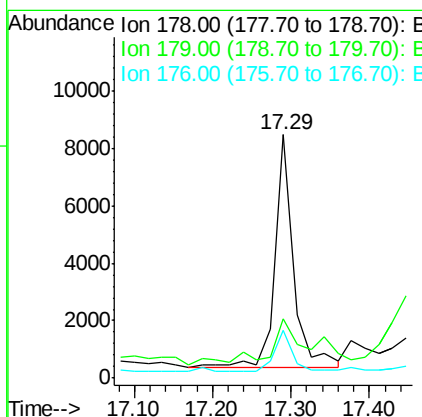
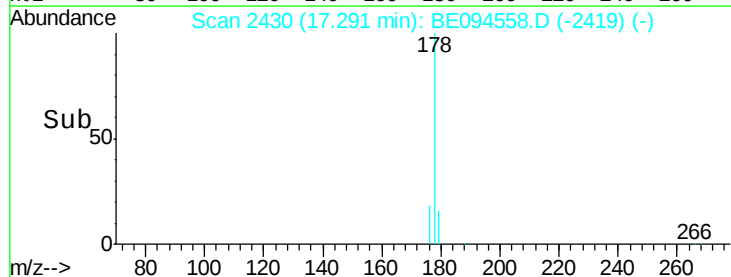
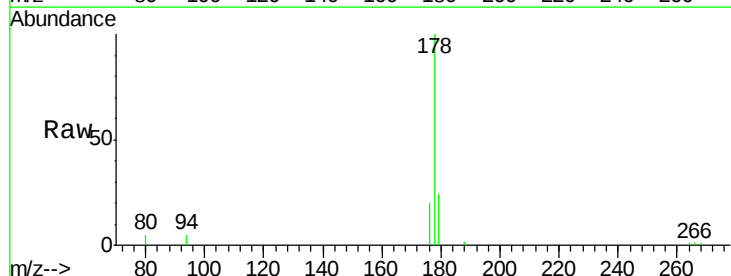
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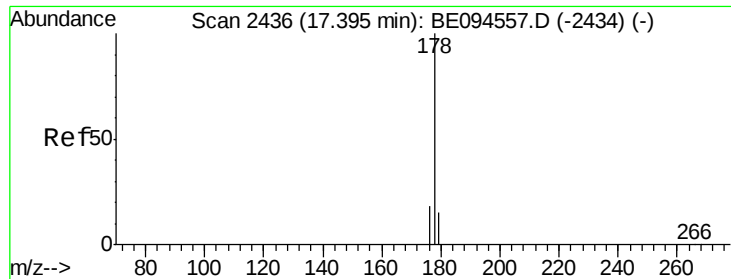
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#12
Phenanthrene
 Concen: 0.696 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094558.D
 Acq: 26 Oct 2017 12:23

Tgt Ion:178 Resp: 13596
 Ion Ratio Lower Upper
 178 100
 179 24.2 18.4 27.6
 176 19.7 13.6 20.4





#13

Anthracene

Concen: 0.100 ng/ul m

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23

Instrument :

BNA_E

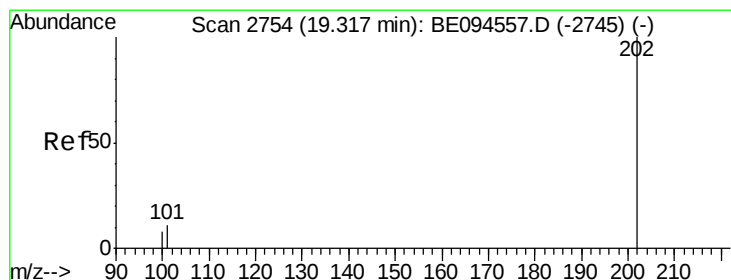
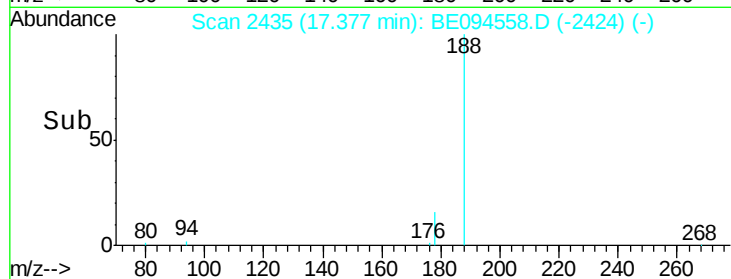
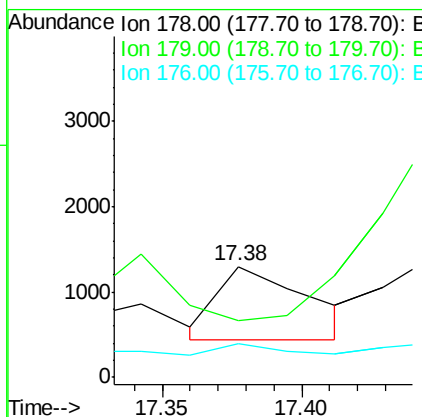
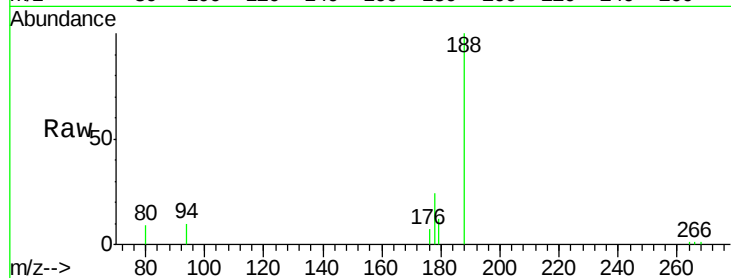
ClientSampleId :

B-36(3-3.7)-100417

Tgt Ion:	178	Resp:	1926
Ion Ratio	Lower	Upper	
178	100		
179	50.9	18.1	27.1#
176	30.1	14.7	22.1#

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#15

Fluoranthene

Concen: 0.370 ng/ul

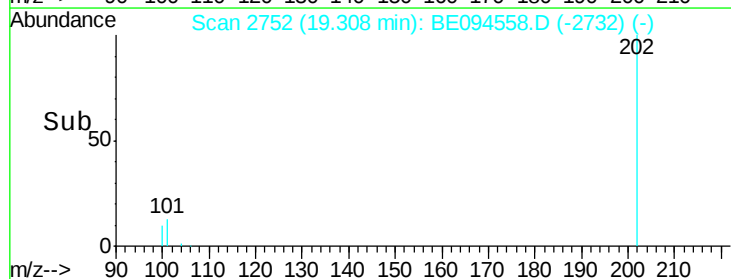
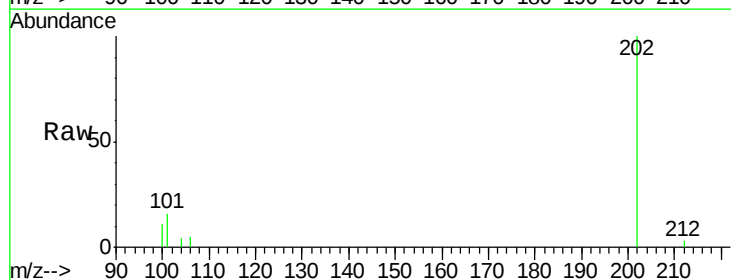
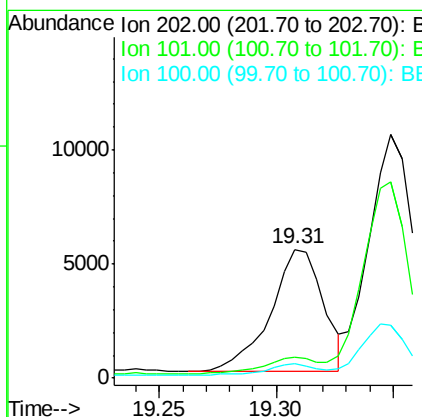
RT: 19.31 min Scan# 2752

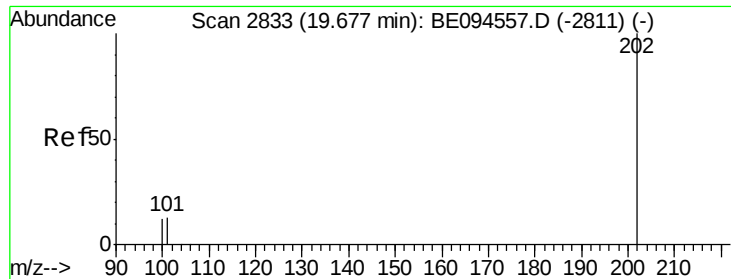
Delta R.T. -0.01 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23

Tgt Ion:	202	Resp:	8360
Ion Ratio	Lower	Upper	
202	100		
101	16.1	0.0	30.3
100	11.3	0.0	39.5





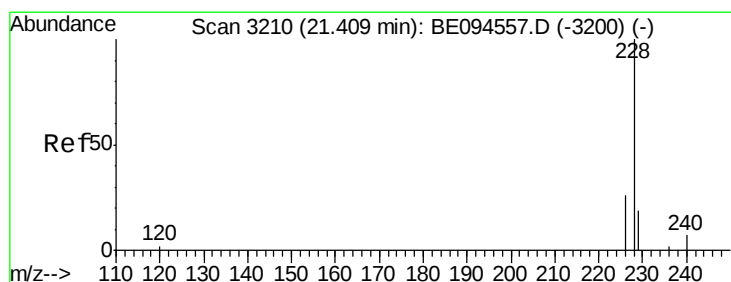
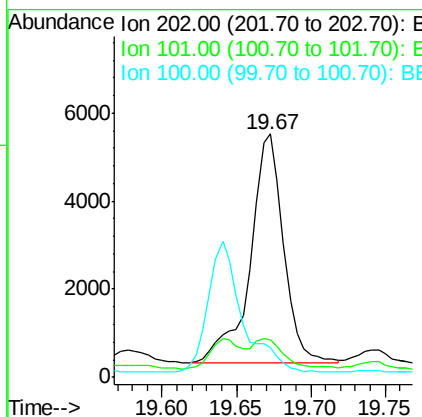
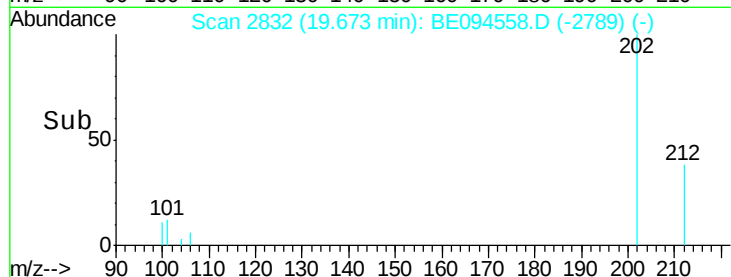
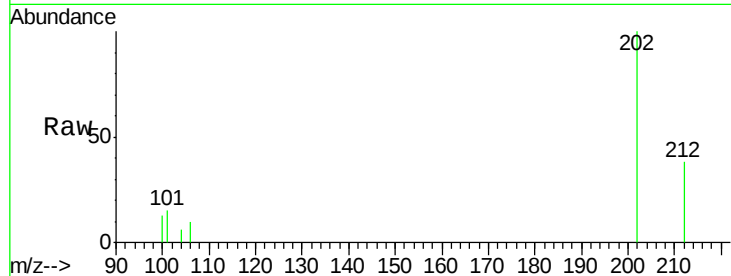
#17
Pyrene
 Concen: 0.360 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BE094558.D
 Acq: 26 Oct 2017 12:23

Instrument :
 BNA_E
 ClientSampleId :
 B-36(3-3.7)-100417

Tgt Ion:	202	Resp:	8140
Ion Ratio	Lower	Upper	
202	100		
101	15.3	18.2	27.4#
100	12.5	15.6	23.4#

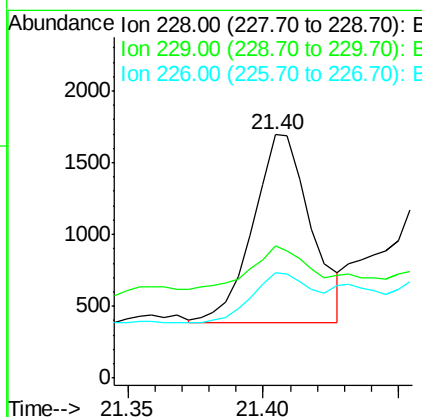
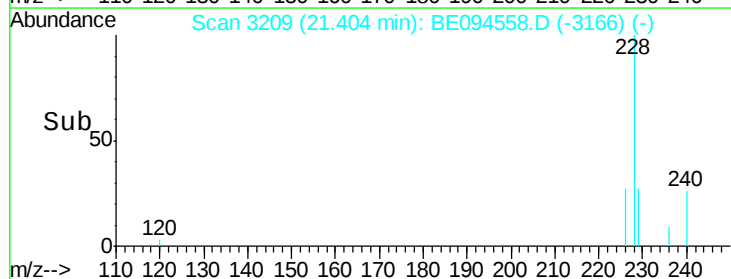
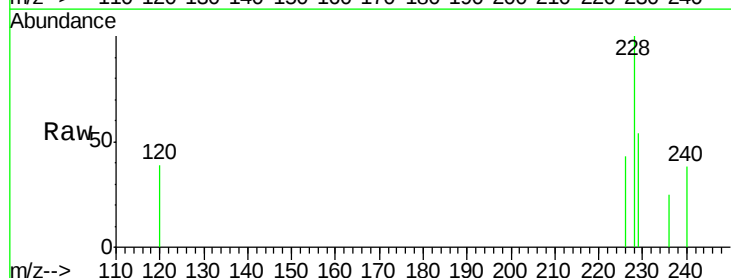
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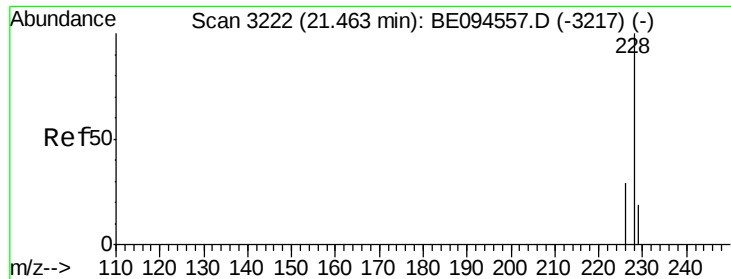
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#18
Benzo(a)anthracene
 Concen: 0.093 ng/ul m
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.00 min
 Lab File: BE094558.D
 Acq: 26 Oct 2017 12:23

Tgt Ion:	228	Resp:	1952
Ion Ratio	Lower	Upper	
228	100		
229	54.3	22.8	34.2#
226	43.1	17.0	25.6#





#19

Chrysene

Concen: 0.089 ng/ul m

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23

Instrument :

BNA_E

ClientSampleId :

B-36(3-3.7)-100417

Tgt Ion:228 Resp: 1932

Ion Ratio Lower Upper

228 100

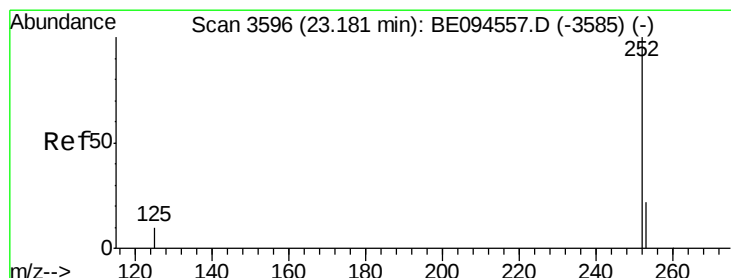
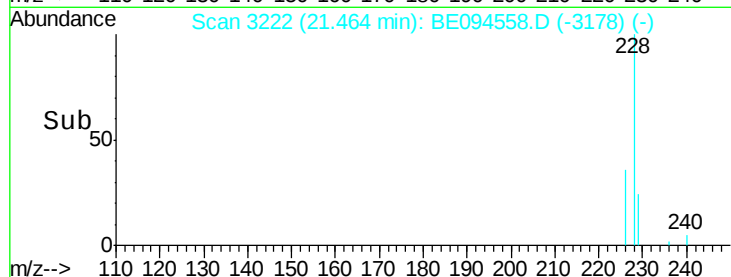
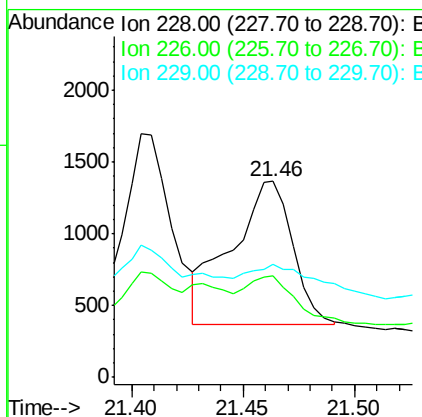
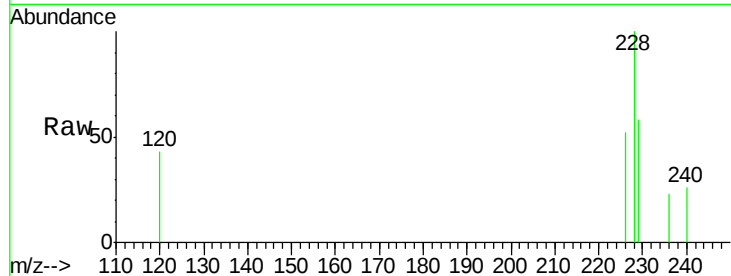
226 52.1 23.4 35.0#

229 57.8 17.7 26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.114 ng/ul m

RT: 23.18 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23

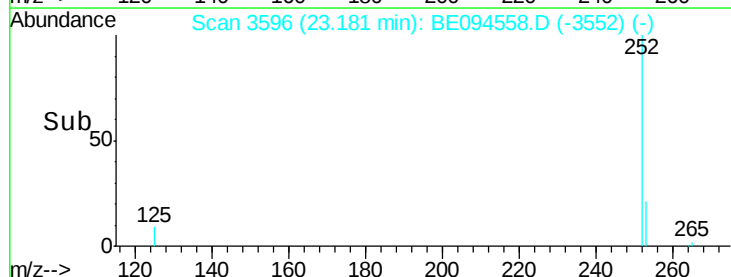
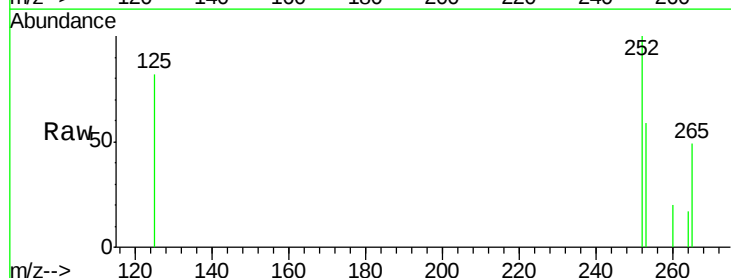
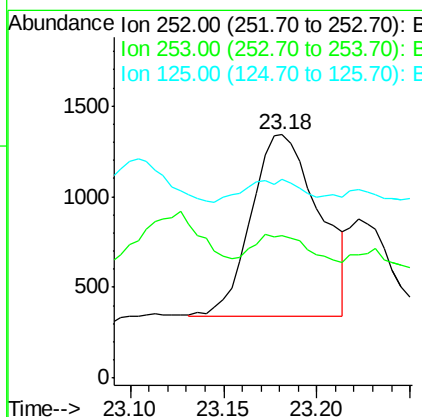
Tgt Ion:252 Resp: 2544

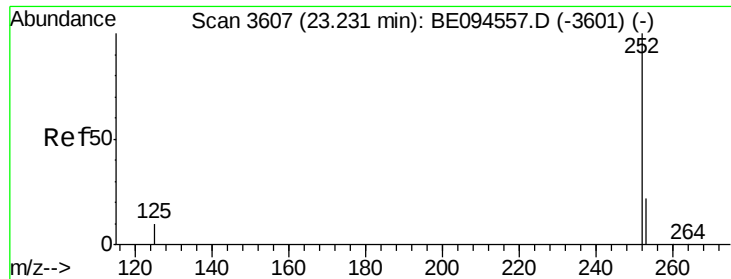
Ion Ratio Lower Upper

252 100

253 58.8 0.0 64.2

125 81.6 0.0 35.0#





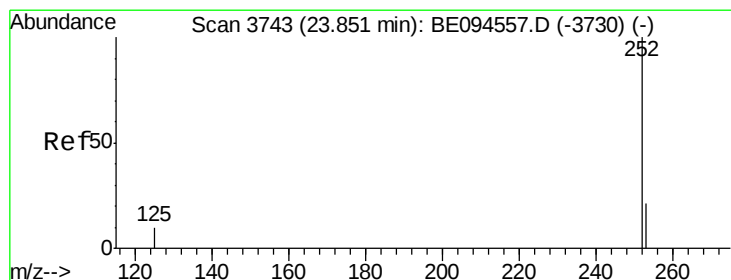
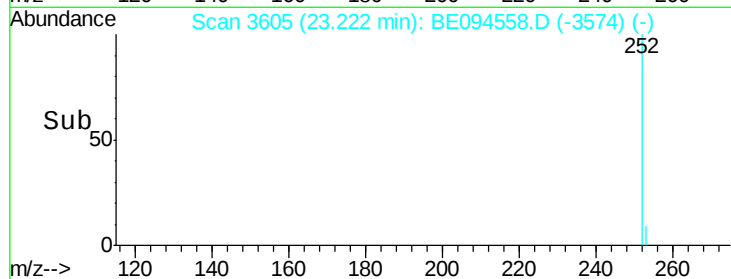
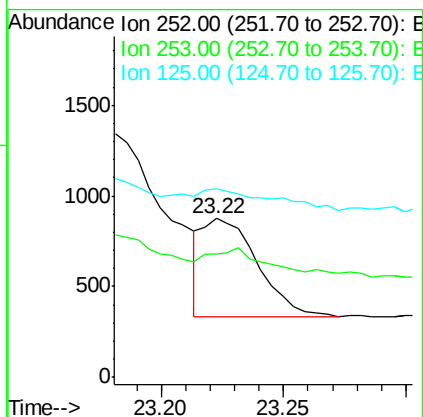
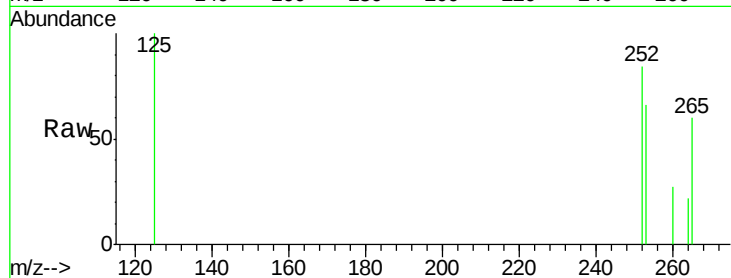
#22
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094558.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_E
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B-36(3-3.7)-100417

Tgt Ion	Ratio	Lower	Upper
252	100		
253	77.7	24.5	36.7#
125	118.4	13.7	20.5#

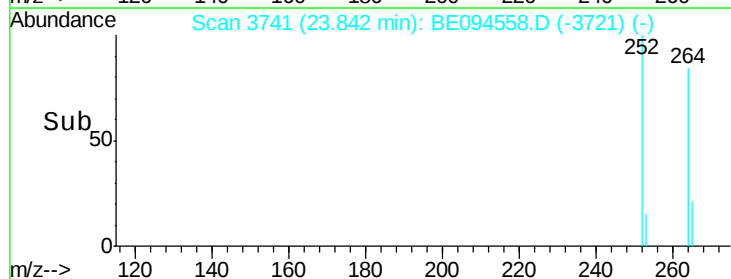
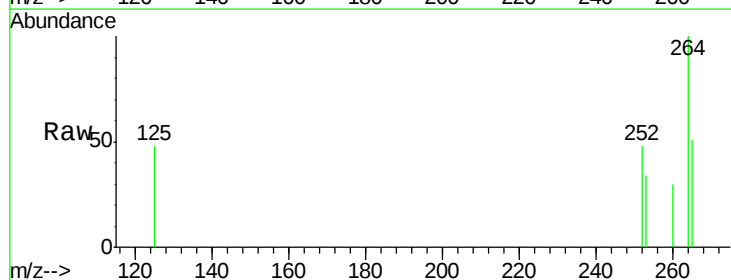
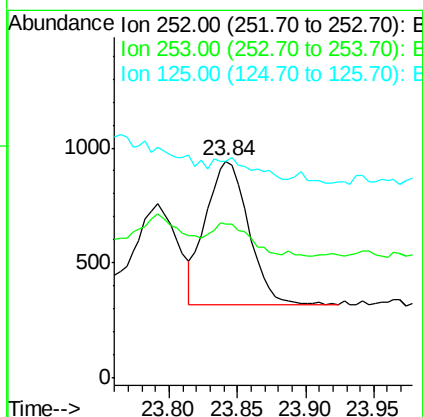
Manual Integrations
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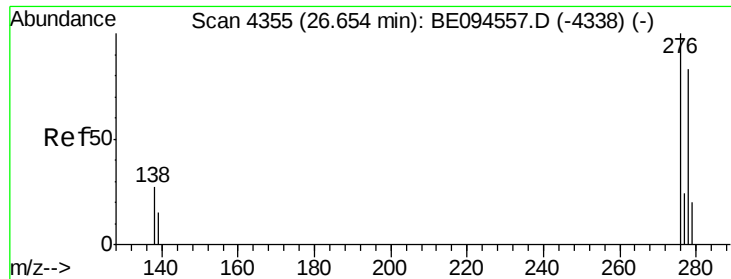
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#23
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094558.D
Acq: 26 Oct 2017 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	70.8	28.5	42.7#
125	100.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.054 ng/u1

RT: 26.65 min Scan# 4355

Delta R.T. 0.00 min

Lab File: BE094558.D

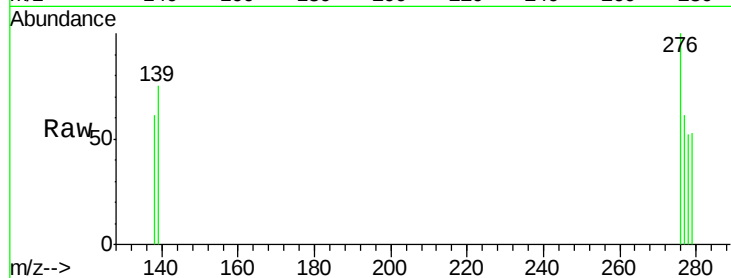
Acq: 26 Oct 2017 12:23

Instrument :

BNA_E

ClientSampleId :

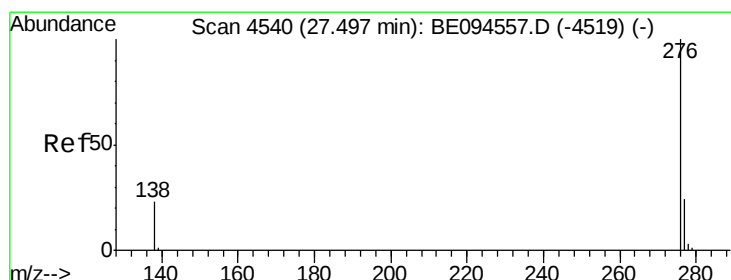
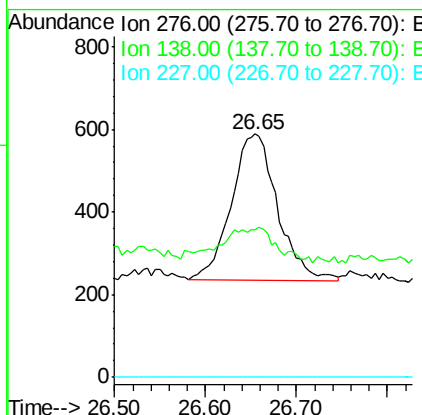
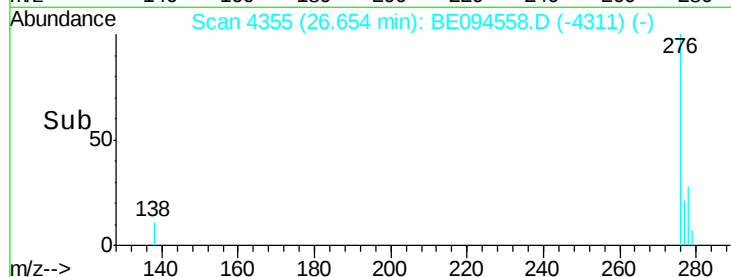
B-36(3-3.7)-100417



Tgt Ion:	276	Resp:	1254
Ion Ratio	Lower	Upper	
276	100		
138	29.1	28.0	42.0
227	0.0	8.0	12.0

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:35 PM



#26

Benzo(g,h,i)perylene

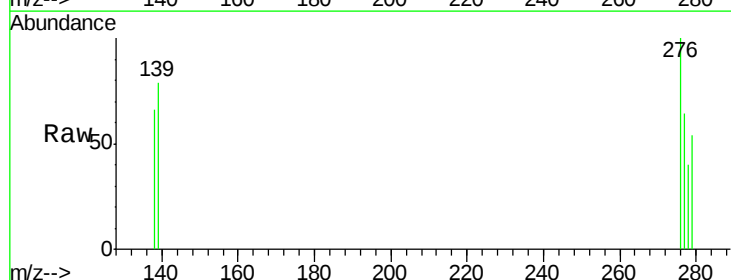
Concen: 0.071 ng/u1

RT: 27.48 min Scan# 4537

Delta R.T. -0.01 min

Lab File: BE094558.D

Acq: 26 Oct 2017 12:23



Tgt Ion:	276	Resp:	1315
Ion Ratio	Lower	Upper	
276	100		
138	66.2	21.8	32.8
277	63.8	20.5	30.7

