

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094286.D
 Acq On : 11 Oct 2017 19:12
 Operator : SJ/JU
 Sample : I5490-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-43(0-1)-092617DL

Manual Integrations
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Quant Time: Oct 12 08:30:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1870	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9446	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5239	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10975	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10866	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	11416	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	659	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1529	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	7380	0.319	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	3660	0.244	ng/ul	97
7) Acenaphthylene	14.24	152	977	0.048	ng/ul#	64
8) Acenaphthene	14.58	153	1586	0.094	ng/ul	99
9) Fluorene	15.57	166	1773	0.090	ng/ul#	89
12) Phenanthrene	17.29	178	23309	0.813	ng/ul#	92
13) Anthracene	17.38	178	5898	0.211	ng/ul#	95
15) Fluoranthene	19.30	202	31596	0.838	ng/ul	84
17) Pyrene	19.67	202	31906	1.055	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	15521	0.538	ng/ul#	79
19) Chrysene	21.45	228	17960	0.540	ng/ul#	74
21) Benzo(b)fluoranthene	23.16	252	18685m	0.603	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	6452m	0.180	ng/ul	
23) Benzo(a)pyrene	23.81	252	13426	0.417	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	26.59	276	9250	0.281	ng/ul#	76
26) Benzo(a,h,i)perylene	27.42	276	13340	0.469	ng/ul#	65

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

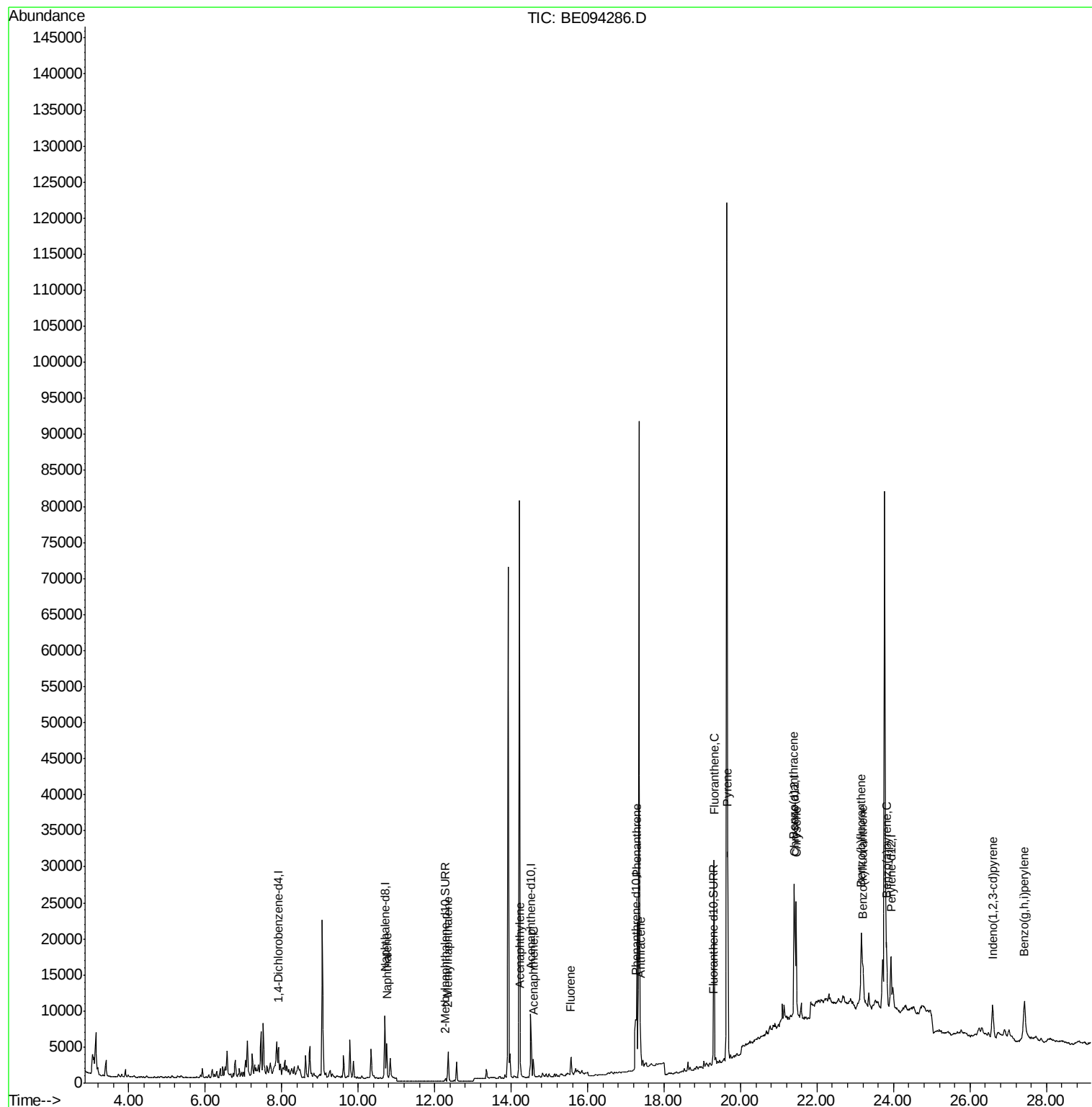
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094286.D
Acq On : 11 Oct 2017 19:12
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ALS Vial : 10 Sample Multiplier: 1

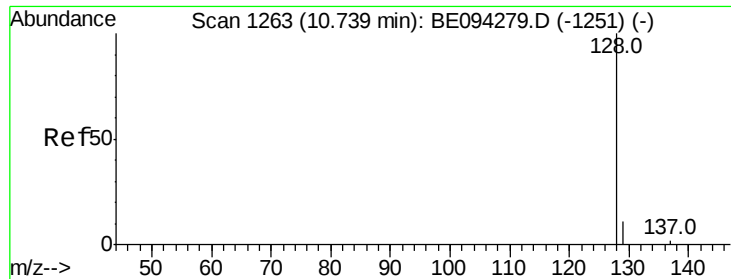
Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617DL

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Quant Time: Oct 12 08:30:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.319 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Instrument :

BNA_E

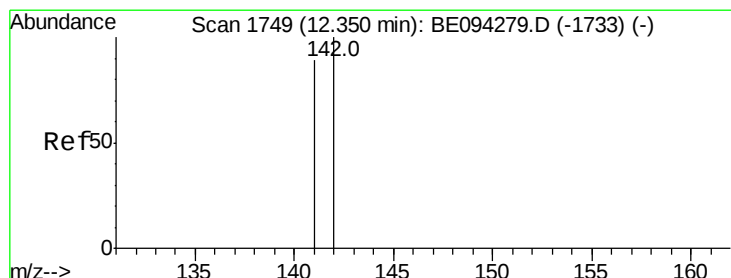
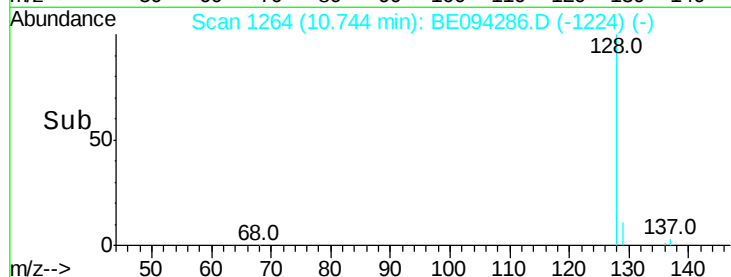
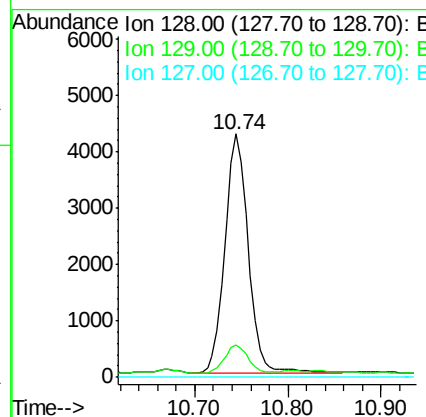
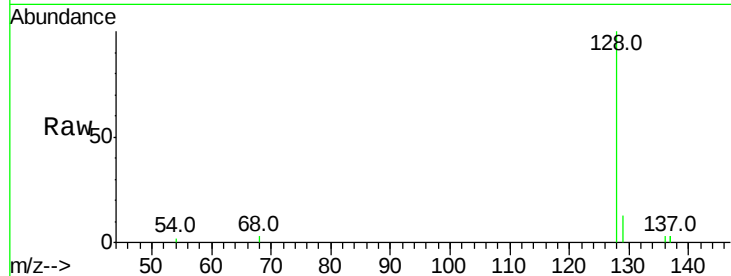
ClientSampleId :

B-43(0-1)-092617DL

Tot Ion:	128	Resp:	7380
Ion	Ratio	Lower	Upper
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.244 ng/ul

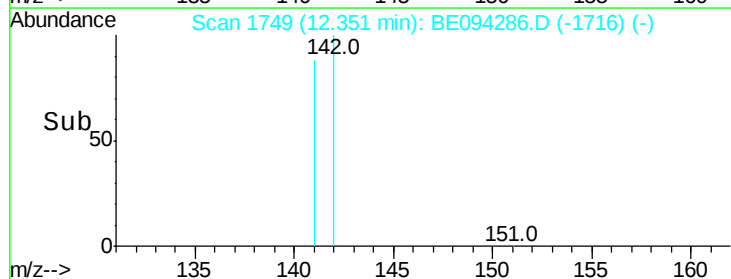
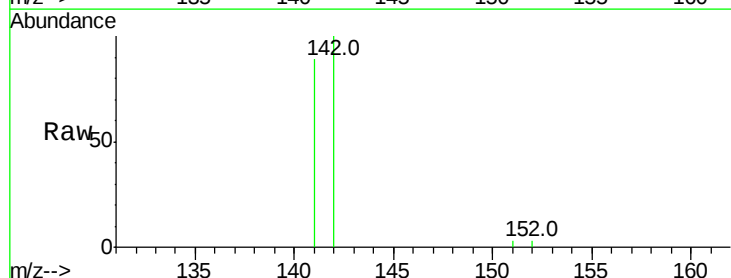
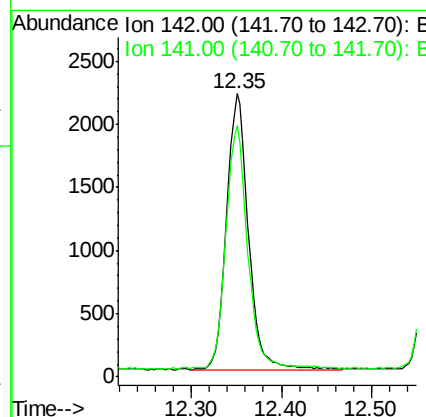
RT: 12.35 min Scan# 1749

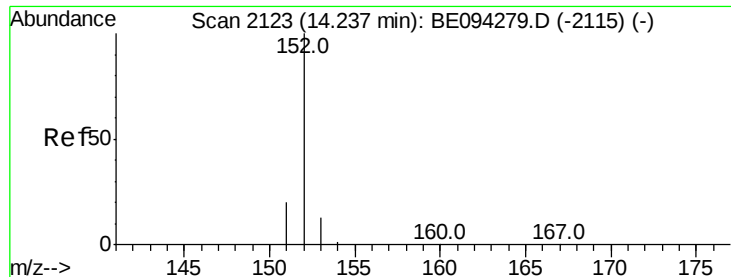
Delta R.T. 0.00 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Tgt Ion:	142	Resp:	3660
Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Instrument :

BNA_E

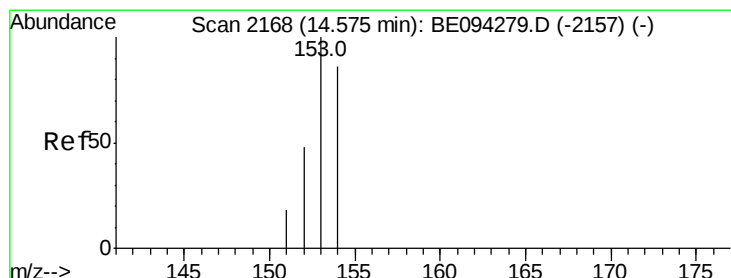
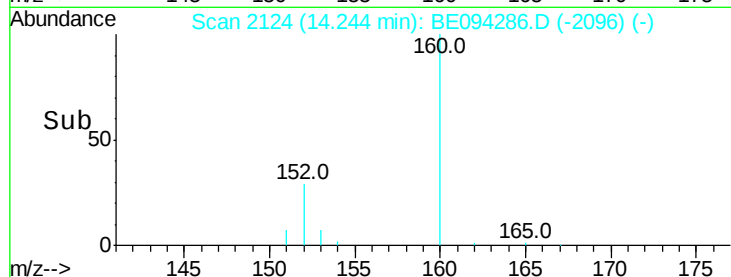
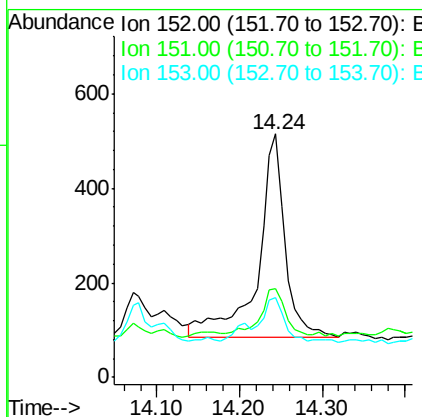
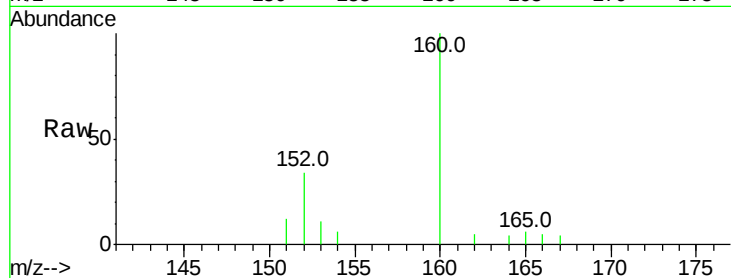
ClientSampleId :

B-43(0-1)-092617DL

Tot Ion:	152	Resp:	977
Ion Ratio	Lower	Upper	
152	100		
151	36.7	17.1	25.7#
153	33.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.094 ng/ul

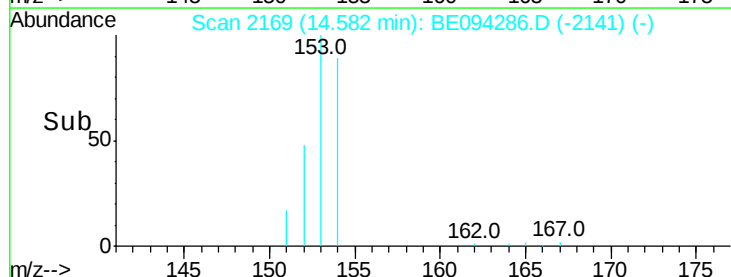
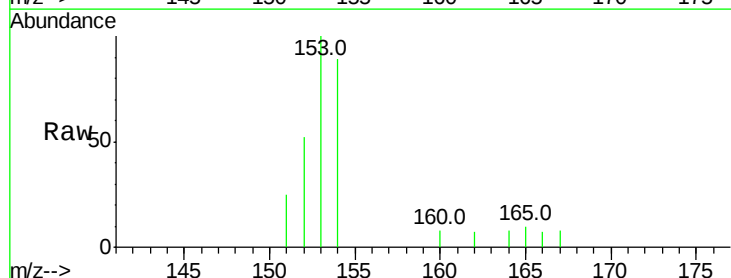
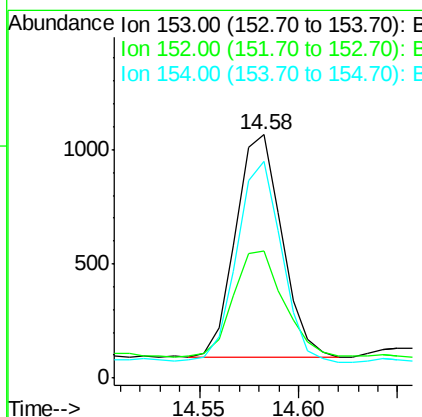
RT: 14.58 min Scan# 2169

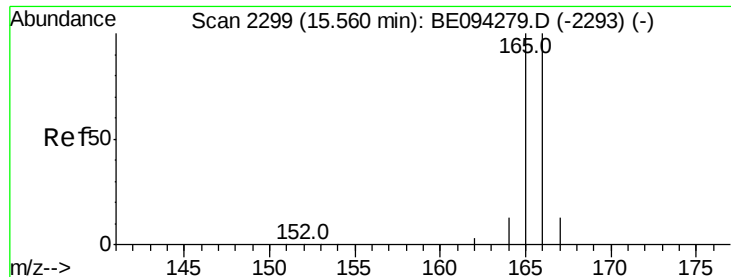
Delta R.T. 0.01 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Tgt Ion:	153	Resp:	1586
Ion Ratio	Lower	Upper	
153	100		
152	52.2	40.3	60.5
154	88.7	71.4	107.2





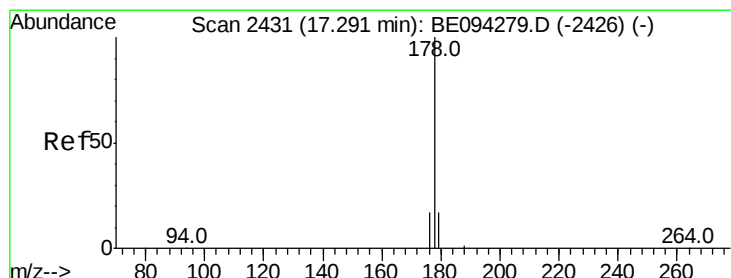
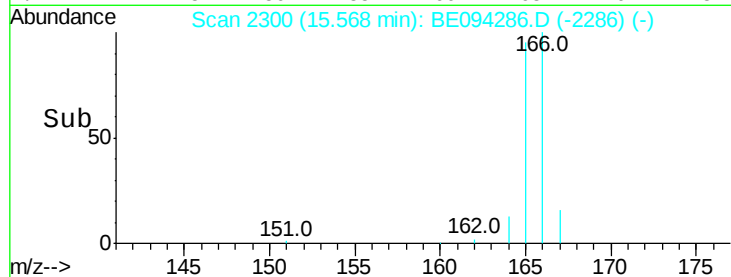
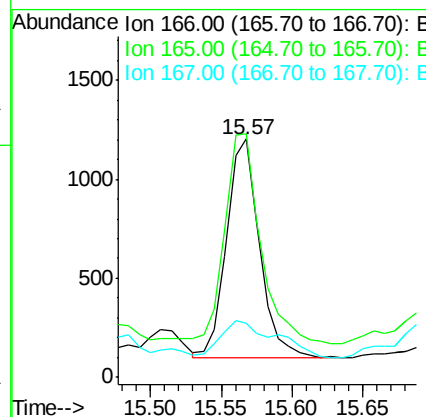
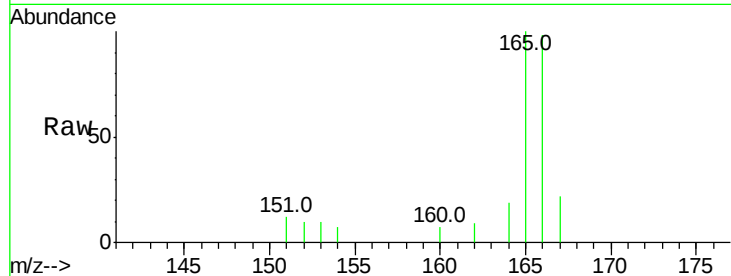
#9
Fluorene
 Concen: 0.090 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: BE094286.D
 Acq: 11 Oct 2017 19:12

Instrument :
 BNA_E
 ClientSampleId :
 B-43(0-1)-092617DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	73.4	110.2
167	22.6	14.6	22.0

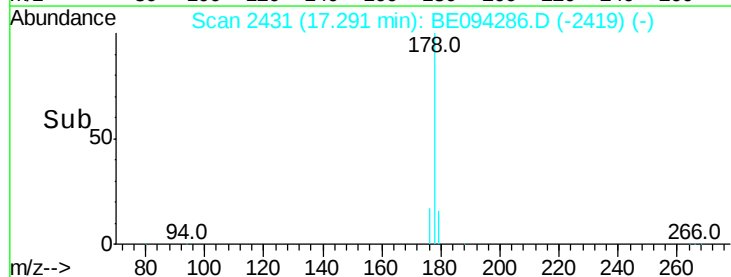
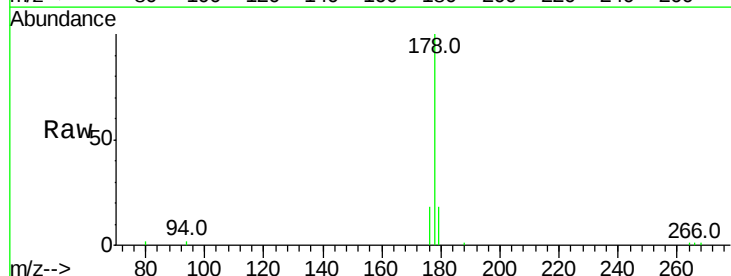
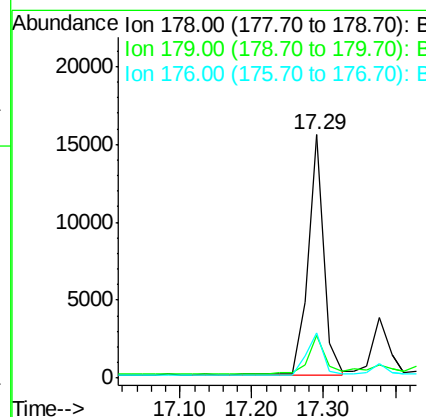
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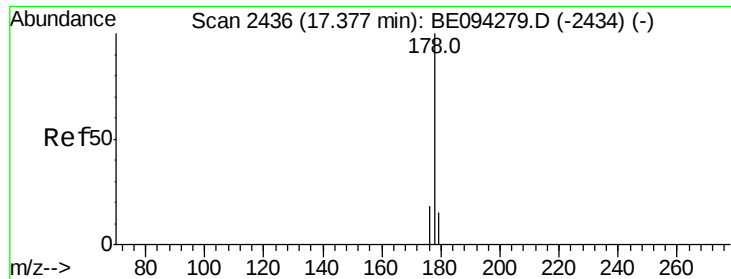
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#12
Phenanthrene
 Concen: 0.813 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094286.D
 Acq: 11 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6
176	18.3	13.6	20.4





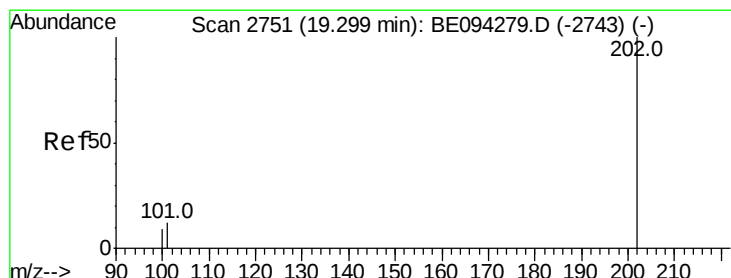
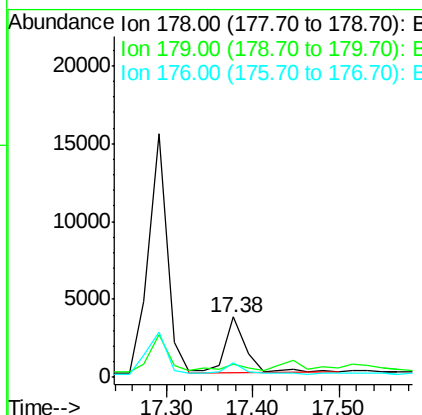
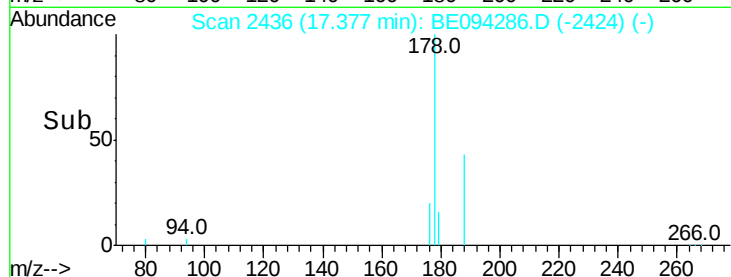
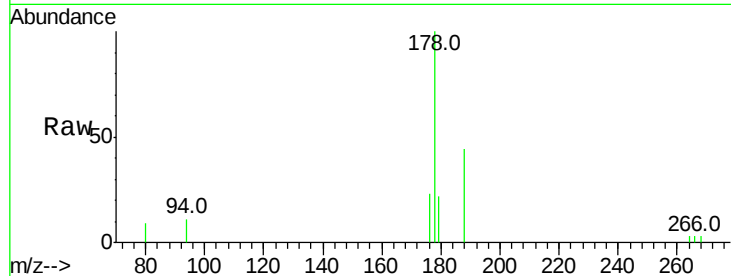
#13
 Anthracene
 Concen: 0.211 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094286.D
 Acq: 11 Oct 2017 19:12

Instrument :
 BNA_E
 ClientSampleId :
 B-43(0-1)-092617DL

Tot Ion:178 Resp: 5898
 Ion Ratio Lower Upper
 178 100
 179 22.5 18.1 27.1
 176 23.4 14.7 22.1#

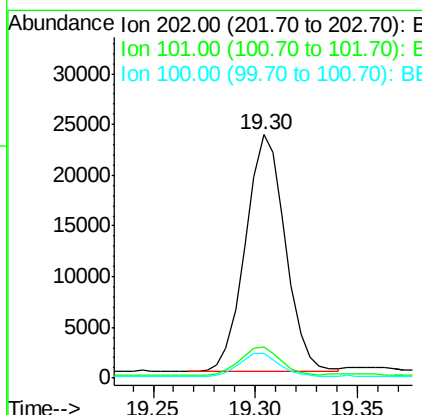
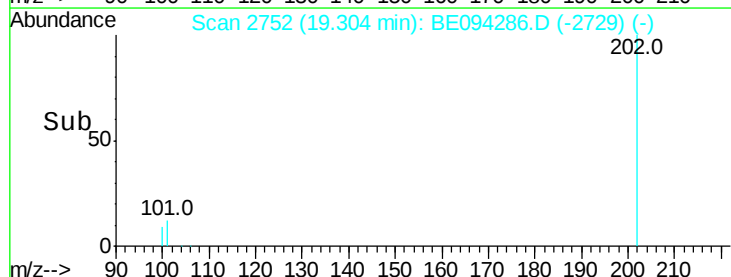
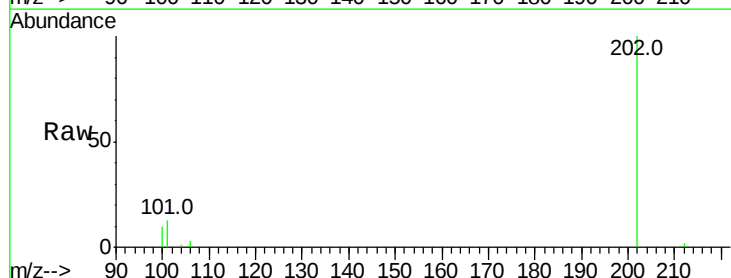
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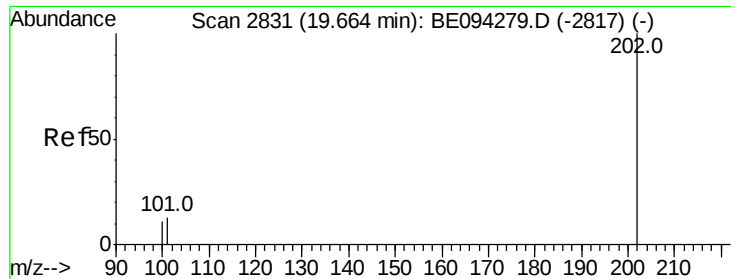
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#15
 Fluoranthene
 Concen: 0.838 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE094286.D
 Acq: 11 Oct 2017 19:12

Tgt Ion:202 Resp: 31596
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 30.3
 100 10.1 0.0 39.5





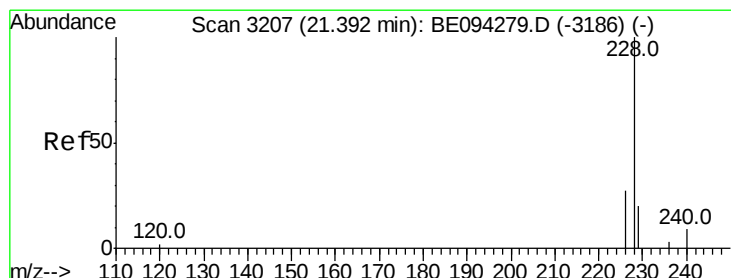
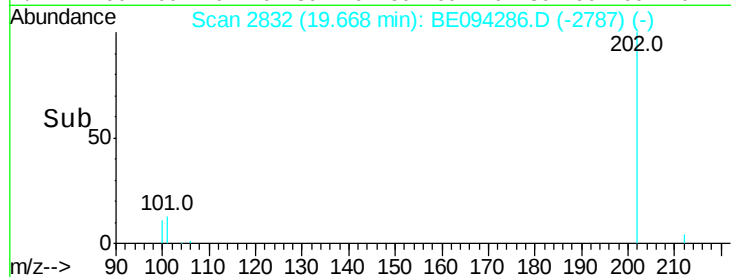
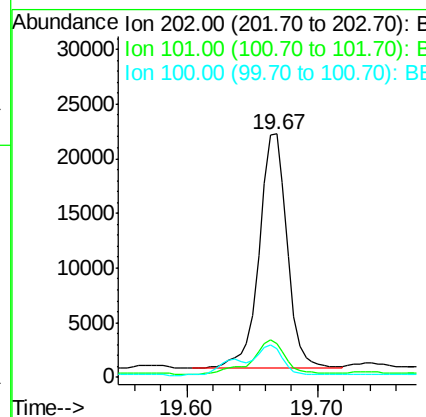
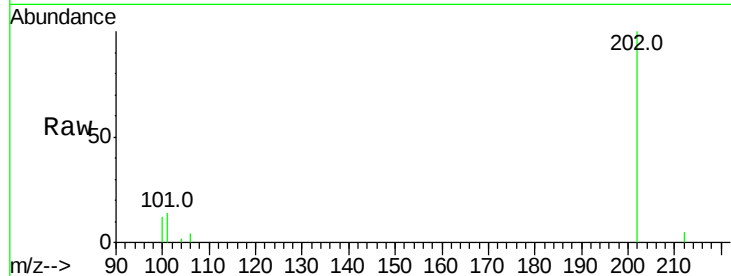
#17
Pvrene
Concen: 1.055 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE094286.D
Acq: 11 Oct 2017 19:12

Instrument :
BNA_E
ClientSampleId :
B-43(0-1)-092617DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	18.2	27.4#
100	11.6	15.6	23.4#

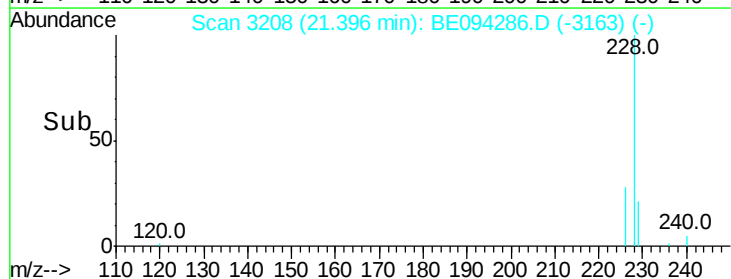
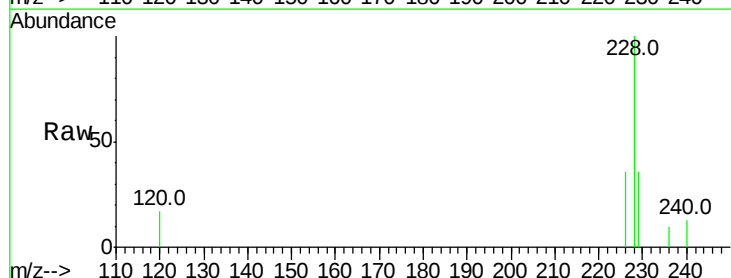
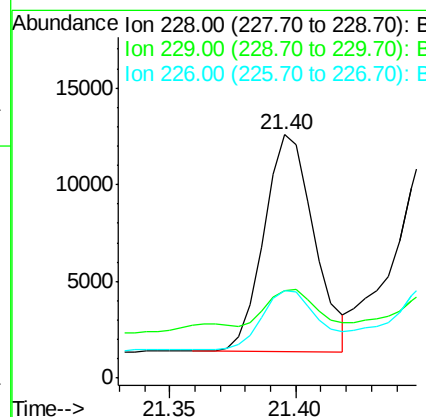
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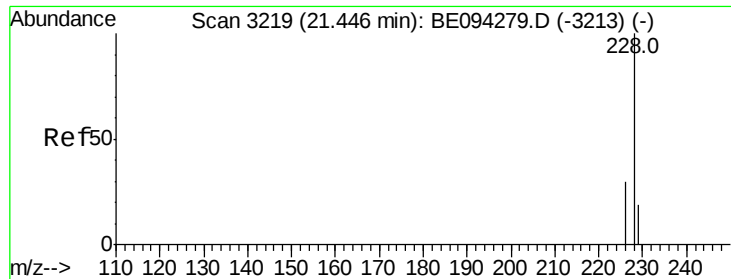
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#18
Benzo(a)anthracene
Concen: 0.538 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE094286.D
Acq: 11 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	35.9	22.8	34.2#
226	36.1	17.0	25.6#





#19

Chrysene

Concen: 0.540 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Instrument :

BNA_E

ClientSampleId :

B-43(0-1)-092617DL

Tot Ion:228 Resp: 17960

Ion Ratio Lower Upper

228 100

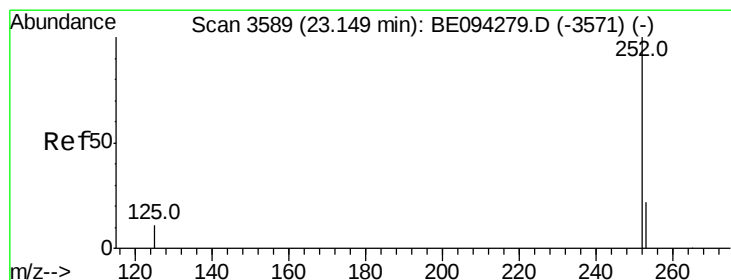
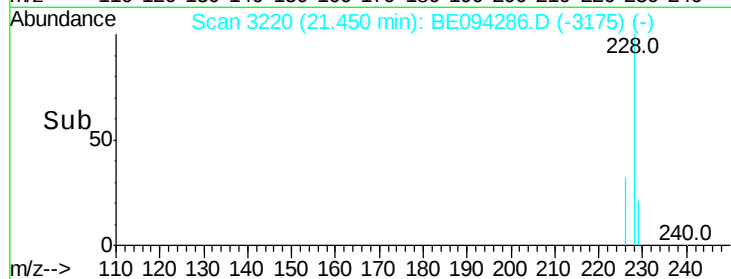
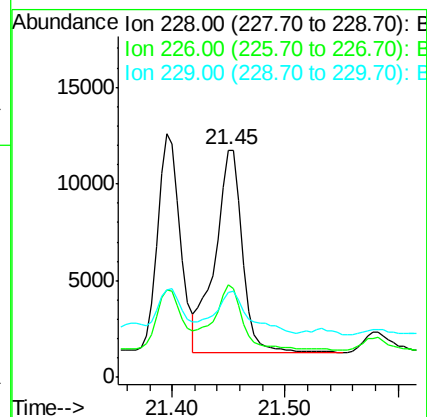
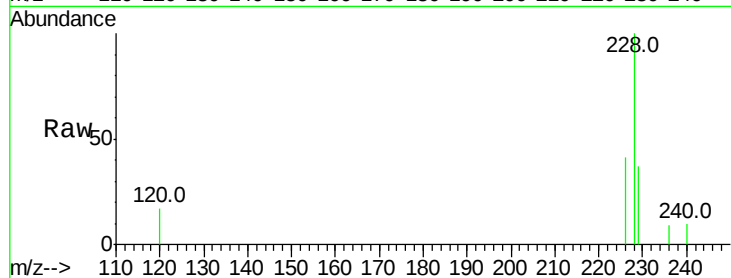
226 40.8 23.4 35.0#

229 37.3 17.7 26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.603 ng/ul m

RT: 23.16 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

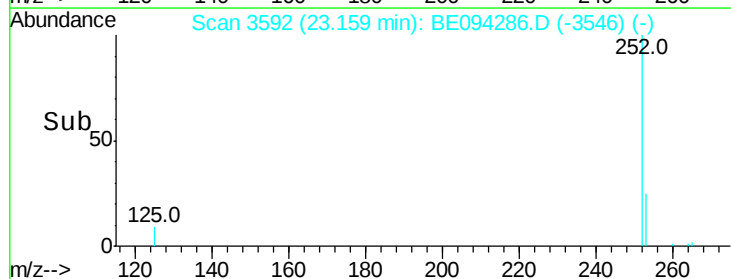
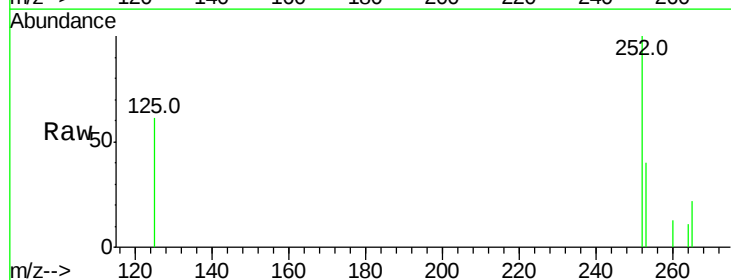
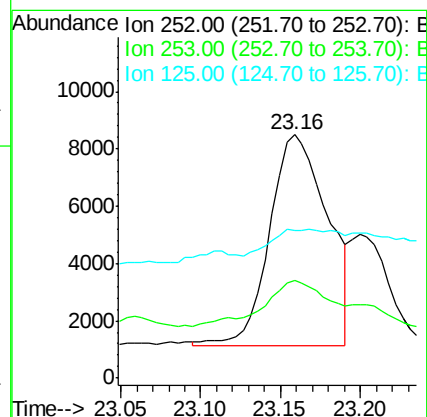
Tgt Ion:252 Resp: 18685

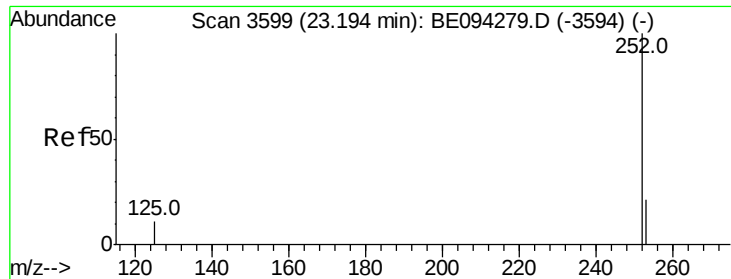
Ion Ratio Lower Upper

252 100

253 39.9 0.0 64.2

125 60.6 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.180 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. 0.01 min

Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Instrument :

BNA_E

ClientSampleId :

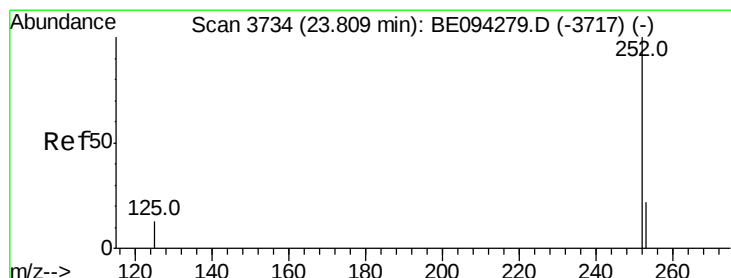
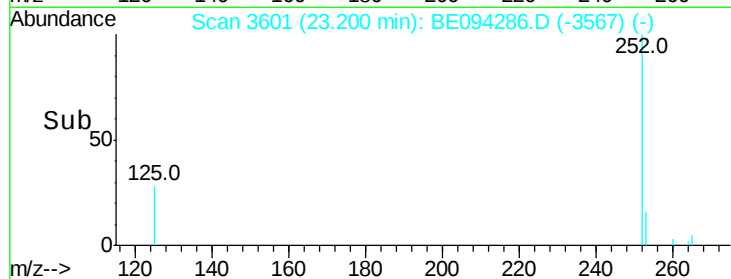
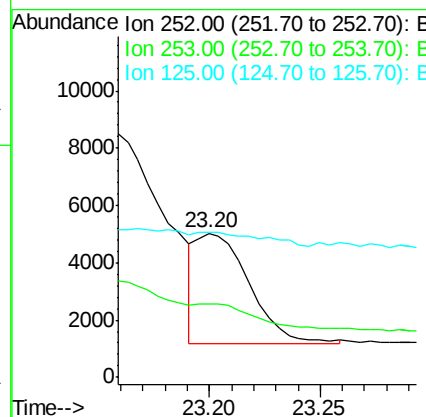
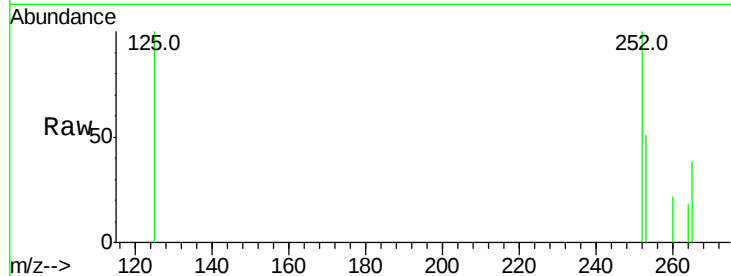
B-43(0-1)-092617DL

Tot Ion:252 Resp: 6452

Ion	Ratio	Lower	Upper
252	100		
253	50.8	24.5	36.7#
125	100.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.81 min Scan# 3736

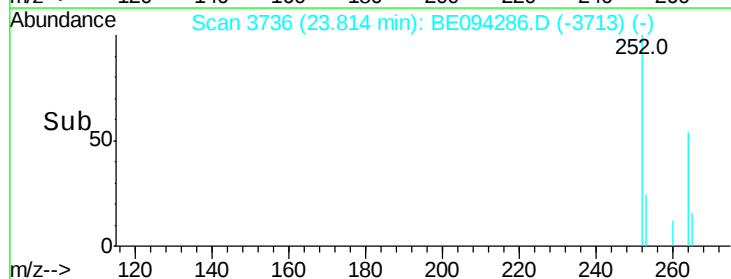
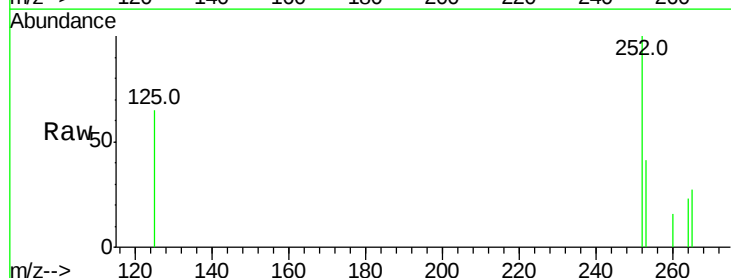
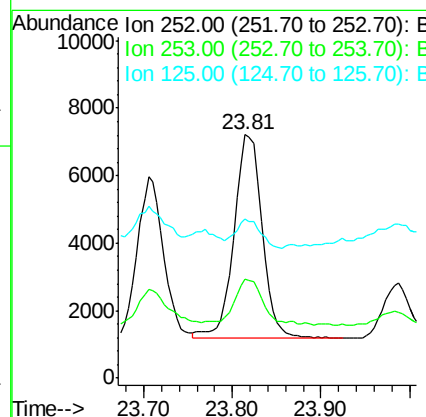
Delta R.T. 0.01 min

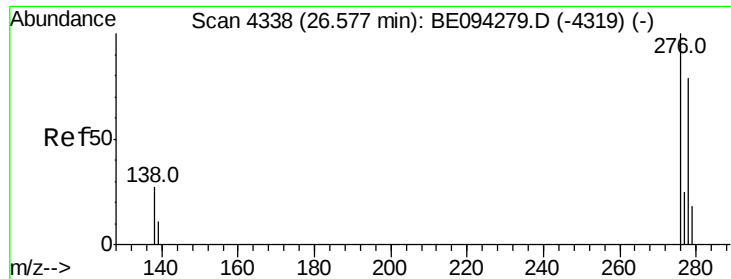
Lab File: BE094286.D

Acq: 11 Oct 2017 19:12

Tgt Ion:252 Resp: 13426

Ion	Ratio	Lower	Upper
252	100		
253	40.7	28.5	42.7
125	65.2	18.1	27.1#





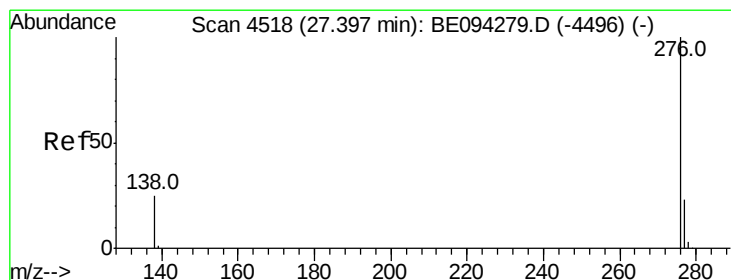
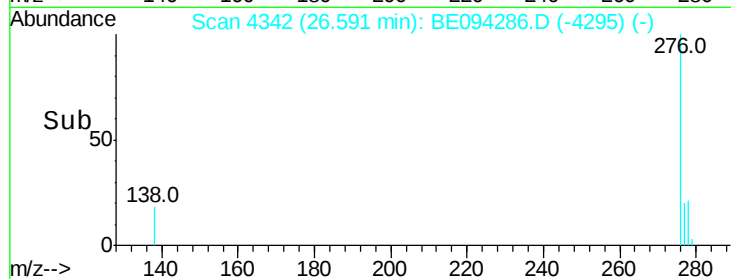
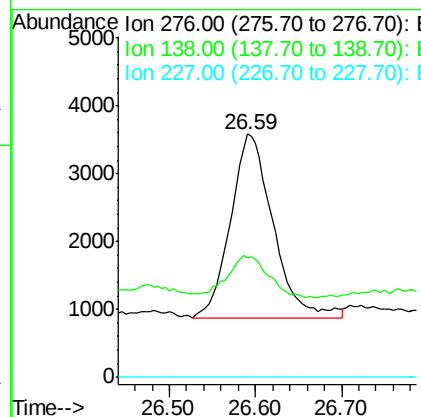
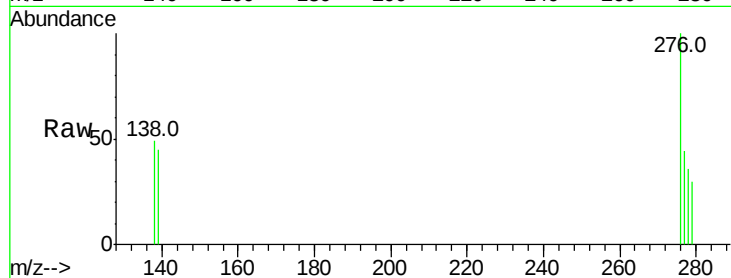
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.281 ng/uL
 RT: 26.59 min Scan# 4342
 Delta R.T. 0.01 min
 Lab File: BE094286.D
 Acq: 11 Oct 2017 19:12

Instrument :
 BNA_E
 ClientSampleId :
 B-43(0-1)-092617DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:39 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.469 ng/uL
 RT: 27.42 min Scan# 4525
 Delta R.T. 0.03 min
 Lab File: BE094286.D
 Acq: 11 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.3	21.8	32.8#
277	43.0	20.5	30.7#

