

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094348.D
 Acq On : 14 Oct 2017 6:26
 Operator : SJ/JU
 Sample : I5649-06DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-59(5-7)-100317DL

Manual Integrations
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Quant Time: Oct 14 22:35:33 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	7.92	152	1682	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8617	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4771	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10141	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	10014	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9571	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	704	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1685	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	4445	0.21	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	1020	0.07	ng/ul	97
7) Acenaphthylene	14.25	152	3107	0.17	ng/ul	97
8) Acenaphthene	14.59	153	2346	0.15	ng/ul	98
9) Fluorene	15.57	166	3800	0.21	ng/ul	92
12) Phenanthrene	17.31	178	95994	3.62	ng/ul#	93
13) Anthracene	17.40	178	26945	1.05	ng/ul#	92
15) Fluoranthene	19.32	202	176550	5.07	ng/ul	84
17) Pyrene	19.68	202	161292	5.79	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	92194	3.47	ng/ul#	87
19) Chrysene	21.47	228	92226	3.01	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	117008m	4.50	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	41575m	1.38	ng/ul	
23) Benzo(a)pyrene	23.85	252	88530	3.28	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	62212	2.25	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.66	278	16068	0.69	ng/ul#	78
26) Benzo(g,h,i)perylene	27.50	276	57409	2.41	ng/ul	96

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

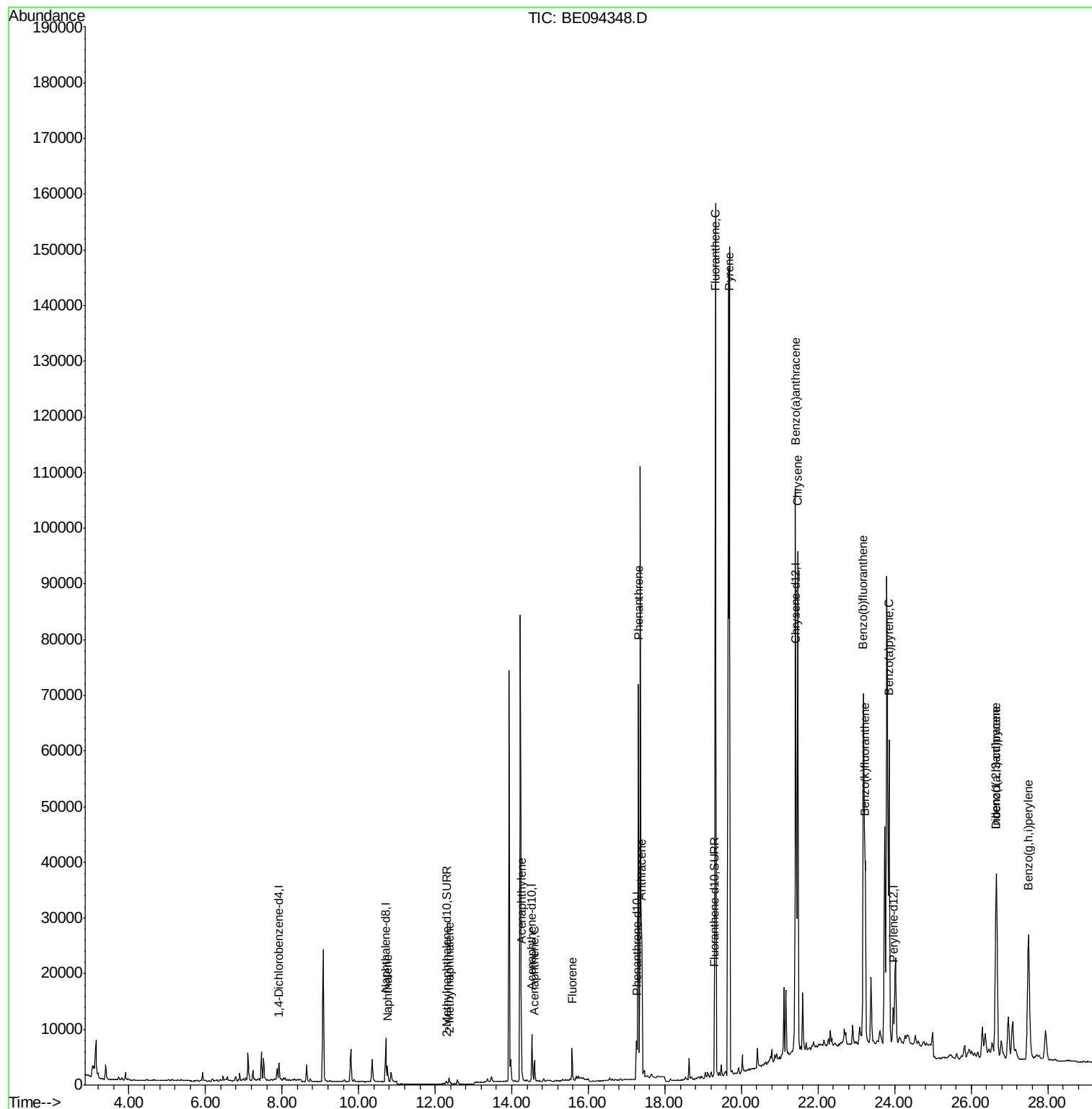
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 28 Sample Multiplier: 1

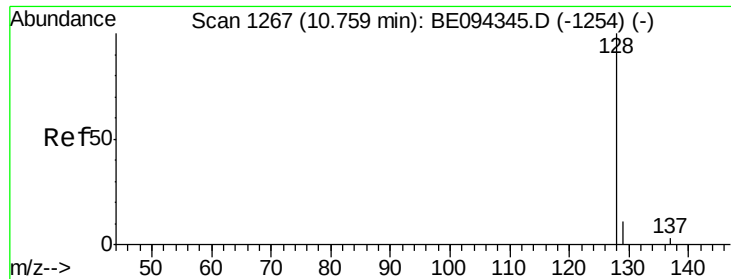
Instrument :
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B-59(5-7)-100317DL

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#3

Naphthalene

Concen: 0.21 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Instrument :

BNA_E

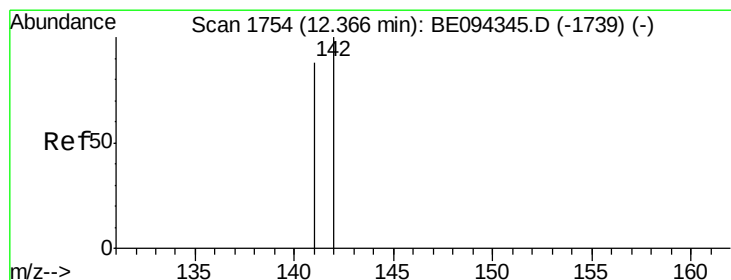
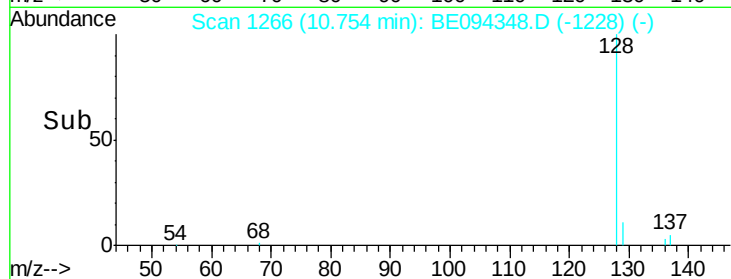
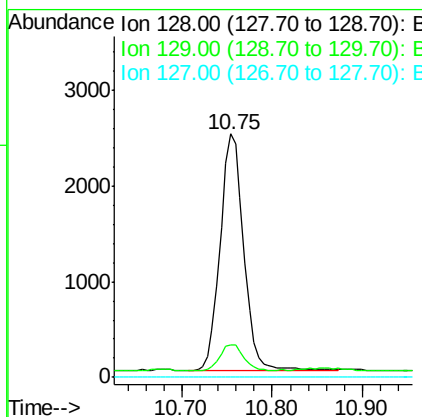
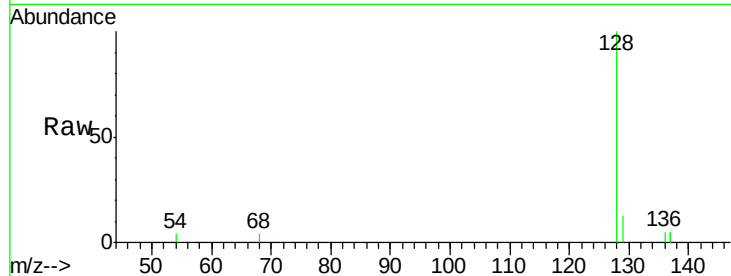
ClientSampleId :

B-59(5-7)-100317DL

Tgt Ion:	128	Resp:	4445
Ion Ratio	Lower	Upper	
128	100		
129	13.3	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.07 ng/ul

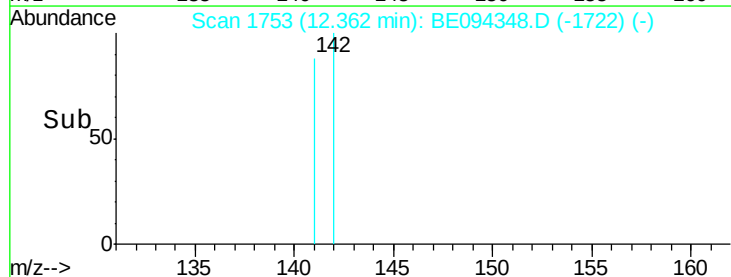
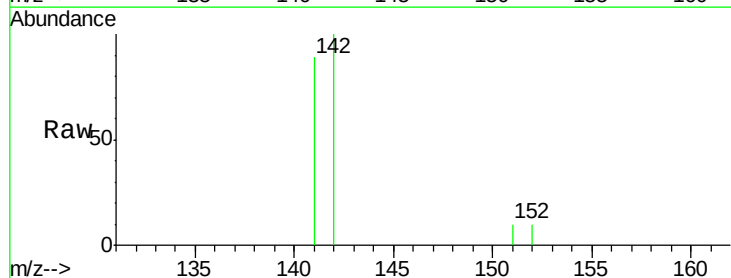
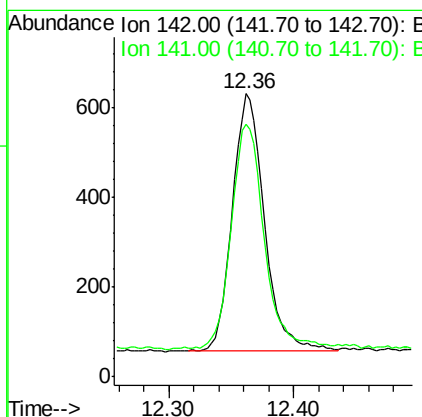
RT: 12.36 min Scan# 1753

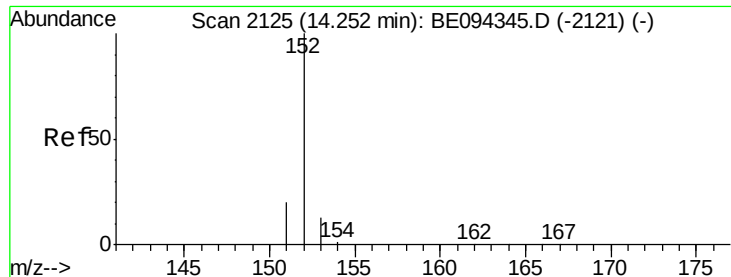
Delta R.T. -0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Tgt Ion:	142	Resp:	1020
Ion Ratio	Lower	Upper	
142	100		
141	88.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.17 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Instrument :

BNA_E

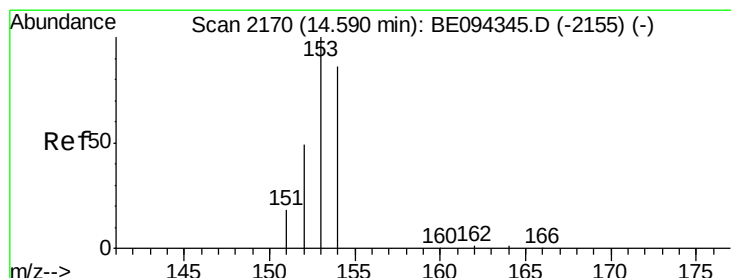
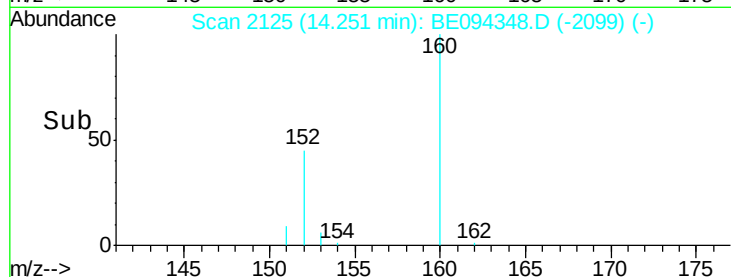
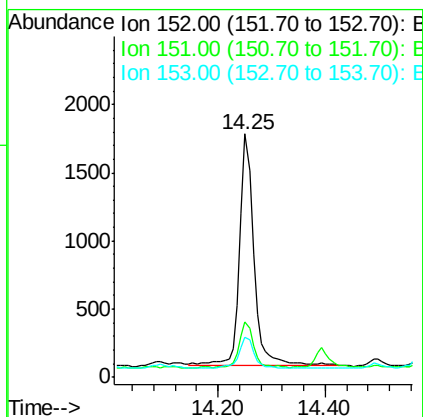
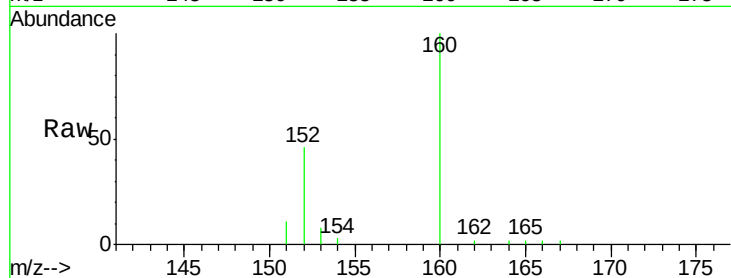
ClientSampleId :

B-59(5-7)-100317DL

Tgt Ion:	152	Resp:	3107
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	16.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.15 ng/ul

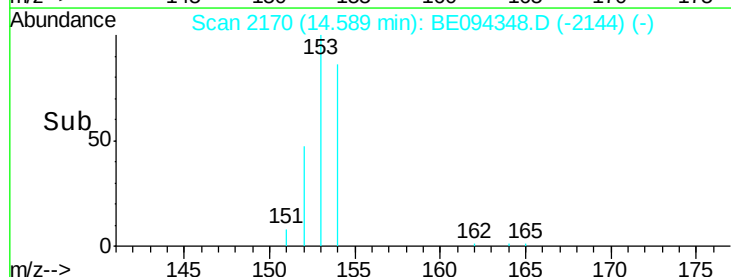
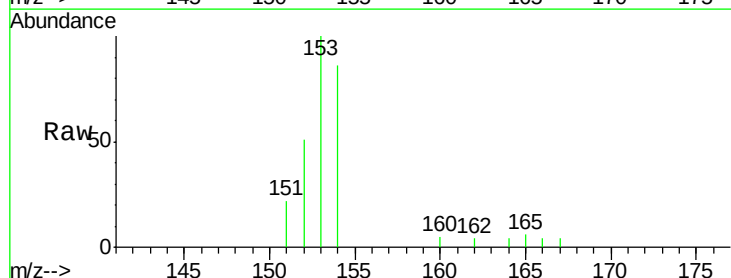
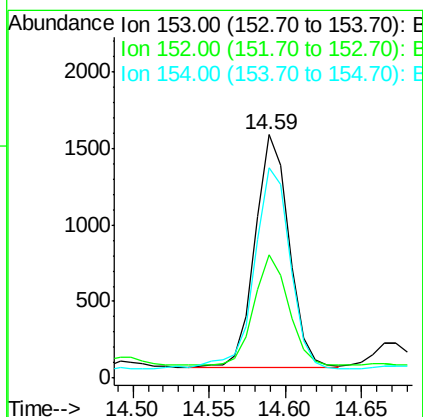
RT: 14.59 min Scan# 2170

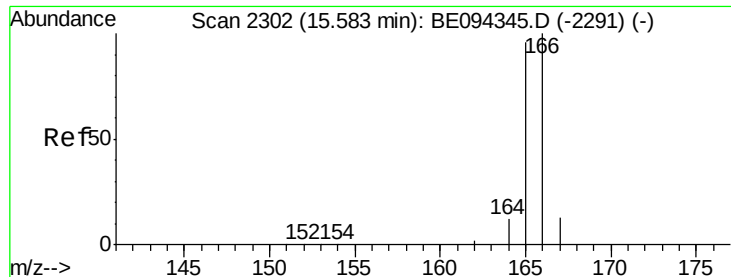
Delta R.T. -0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Tgt Ion:	153	Resp:	2346
Ion Ratio	Lower	Upper	
153	100		
152	50.9	40.3	60.5
154	86.5	71.4	107.2





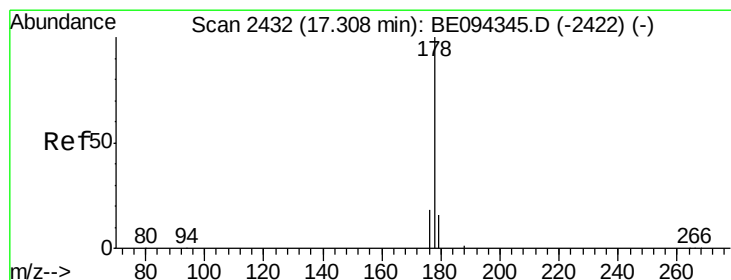
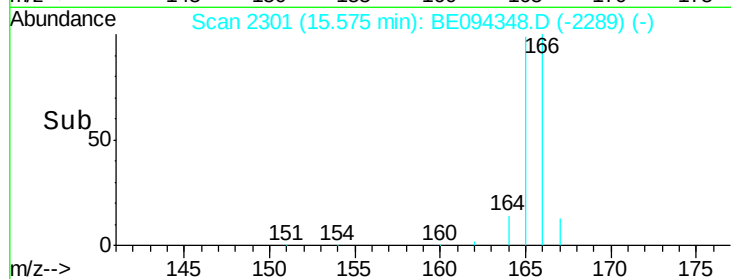
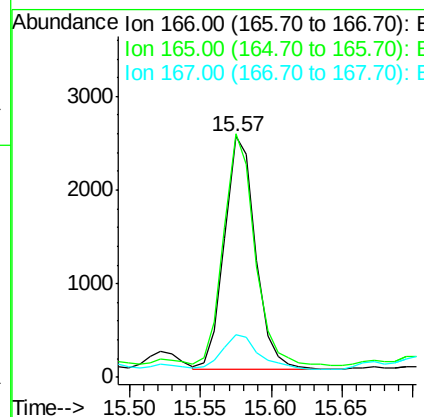
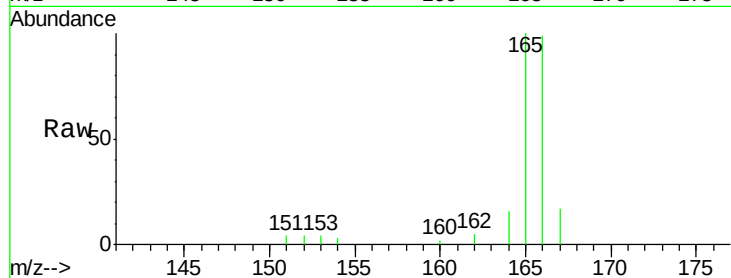
#9
Fluorene
 Concen: 0.21 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094348.D
 Acq: 14 Oct 2017 6:26

Instrument :
 BNA_E
 ClientSampleId :
 B-59(5-7)-100317DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	73.4	110.2
167	17.6	14.6	22.0

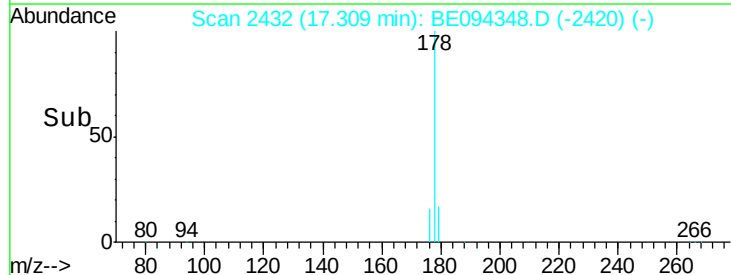
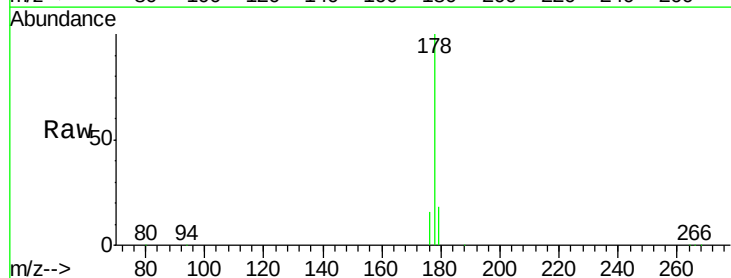
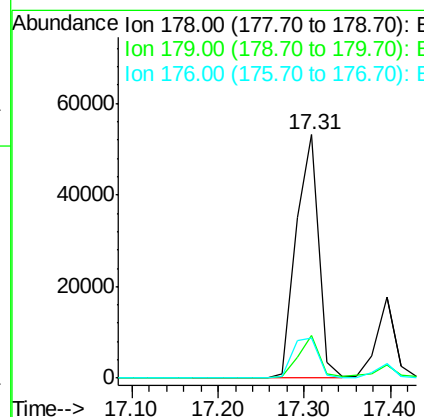
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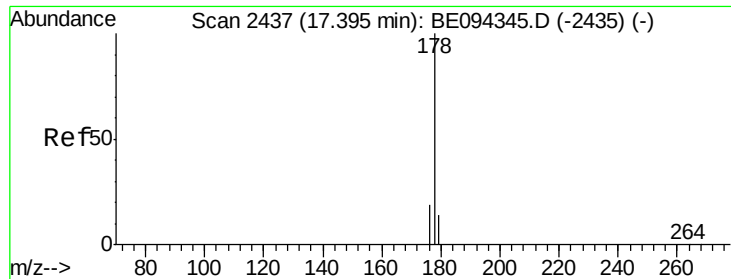
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#12
Phenanthrene
 Concen: 3.62 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094348.D
 Acq: 14 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	18.4	27.6#
176	16.4	13.6	20.4





#13

Anthracene

Concen: 1.05 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Instrument :

BNA_E

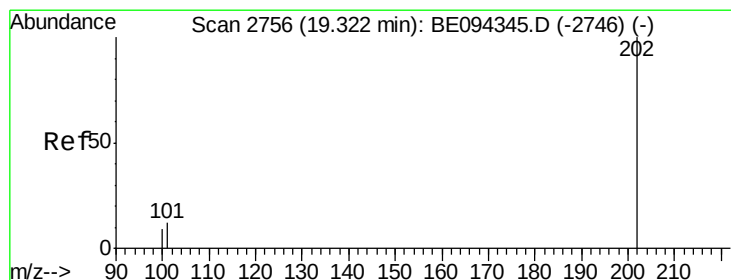
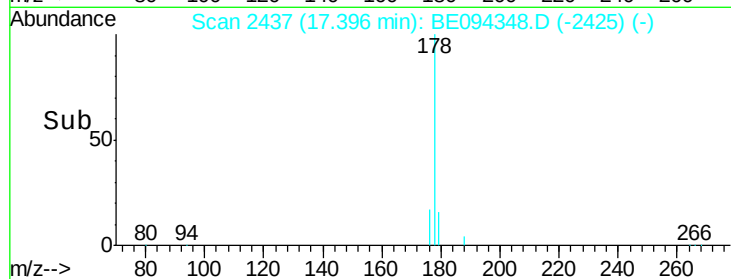
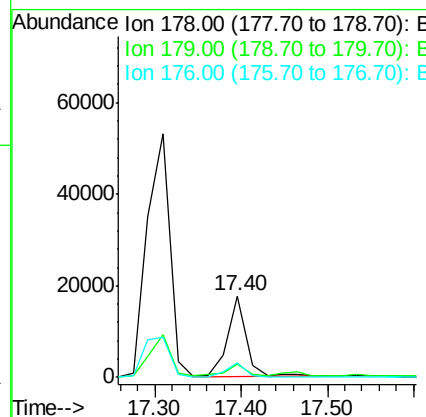
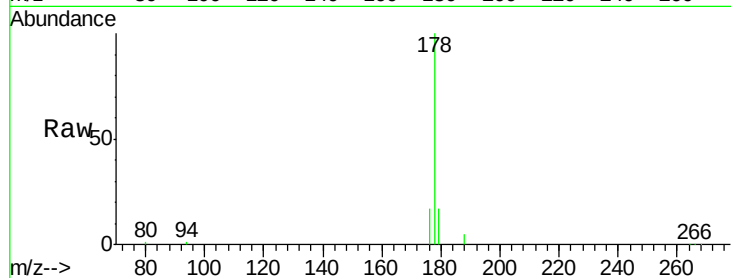
ClientSampleId :

B-59(5-7)-100317DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	17.4	14.7	22.1

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#15

Fluoranthene

Concen: 5.07 ng/ul

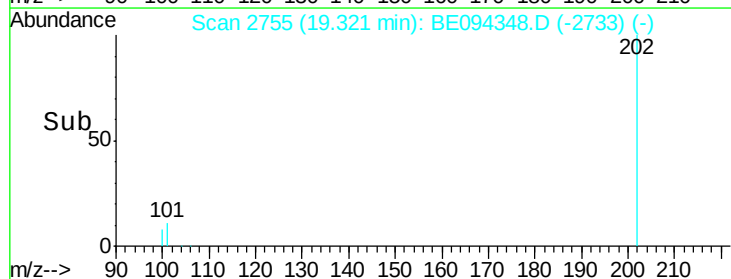
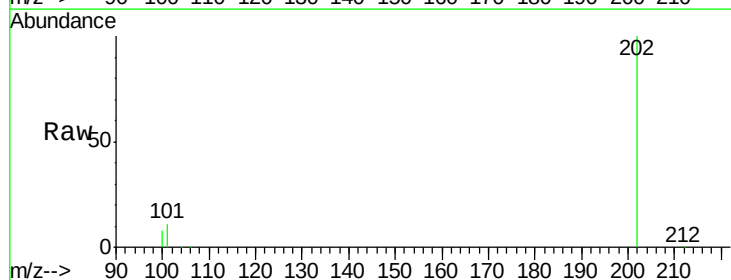
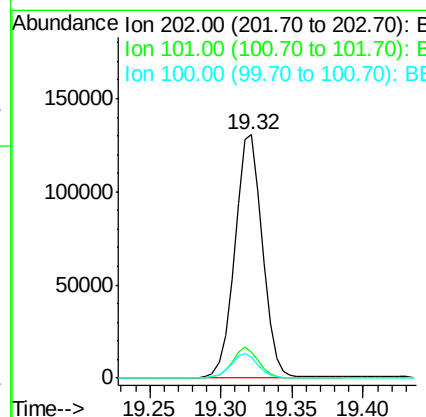
RT: 19.32 min Scan# 2755

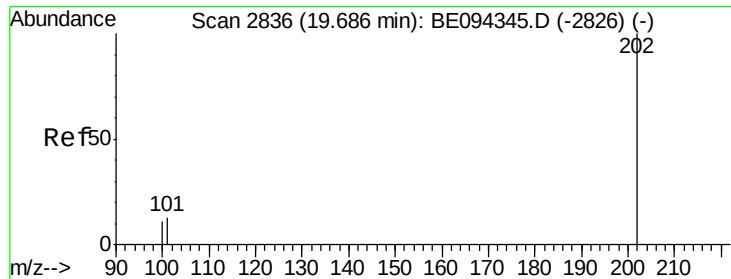
Delta R.T. -0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.4	0.0	39.5





#17

Pyrene

Concen: 5.79 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Instrument :

BNA_E

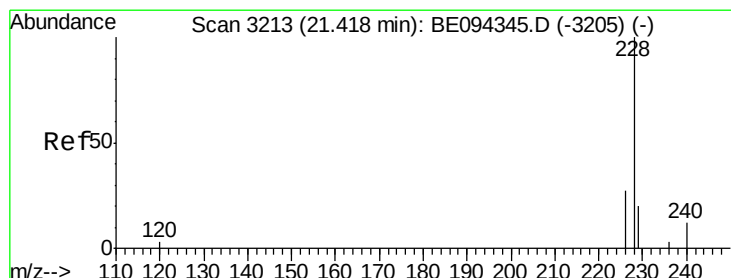
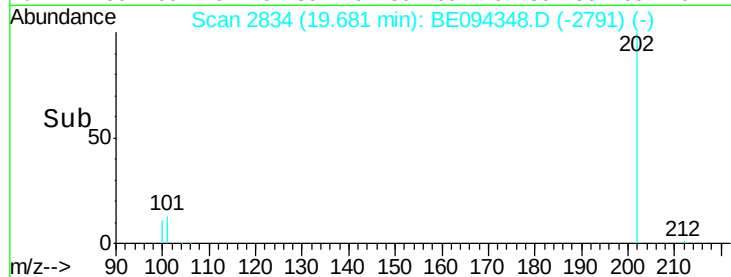
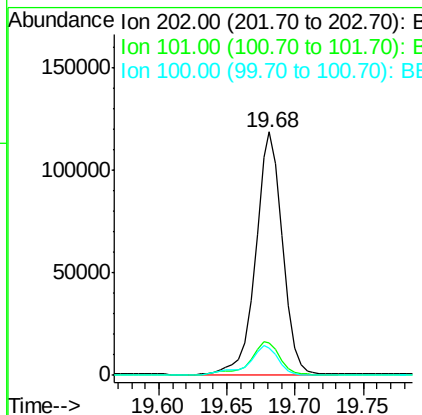
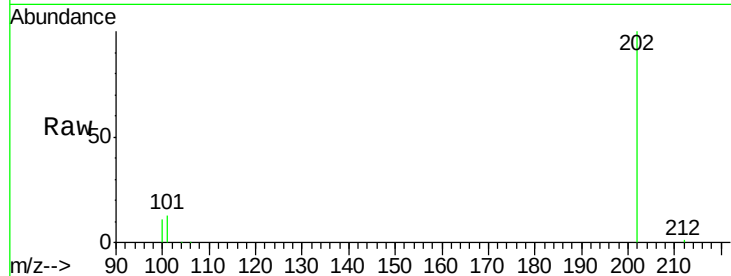
ClientSampleId :

B-59(5-7)-100317DL

Tgt Ion:	202	Resp:	161292
Ion Ratio		Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 3.47 ng/ul

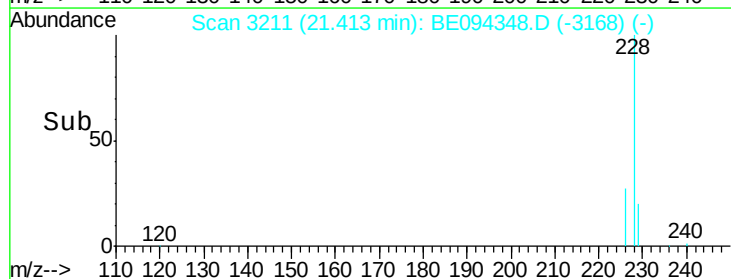
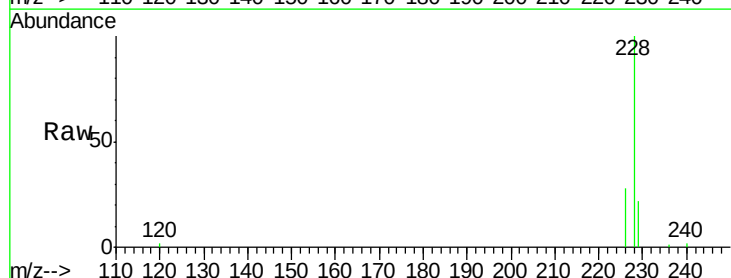
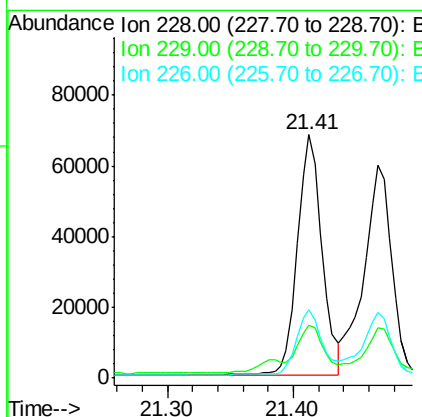
RT: 21.41 min Scan# 3211

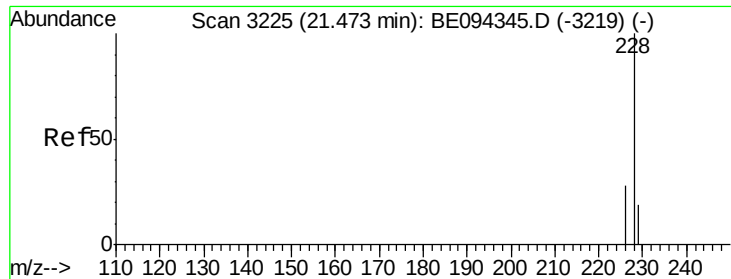
Delta R.T. -0.01 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Tgt Ion:	228	Resp:	92194
Ion Ratio		Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 3.01 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Instrument :

BNA_E

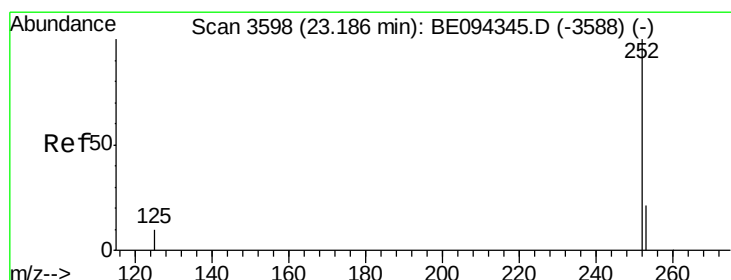
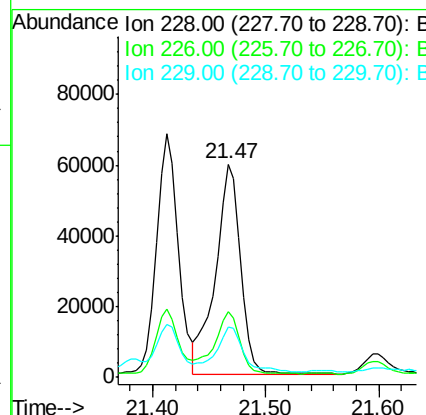
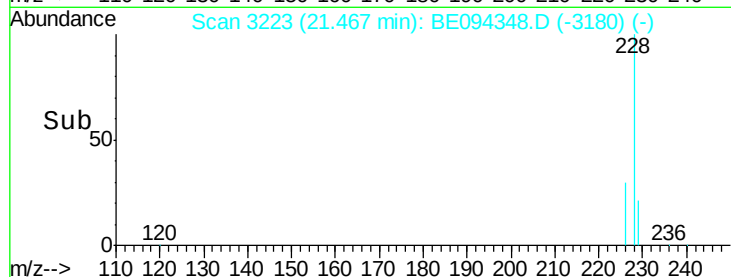
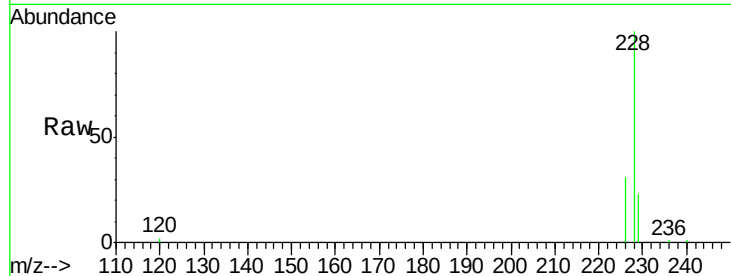
ClientSampleId :

B-59(5-7)-100317DL

Tgt Ion:	228	Resp:	92226
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.0
229	23.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.50 ng/ul m

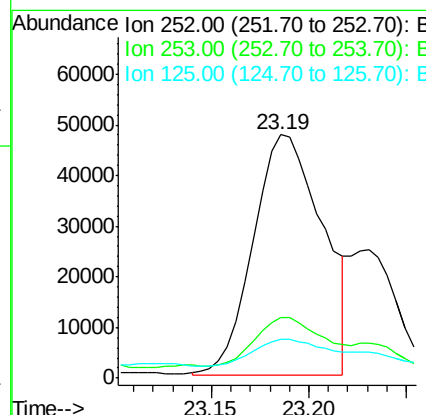
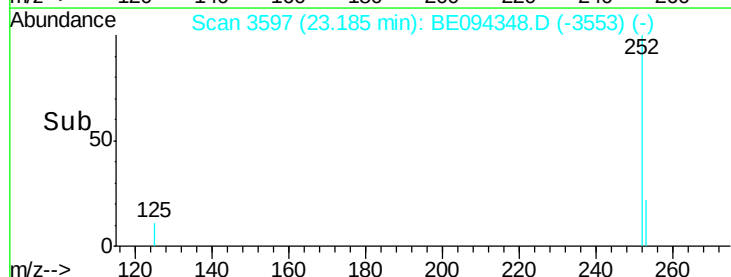
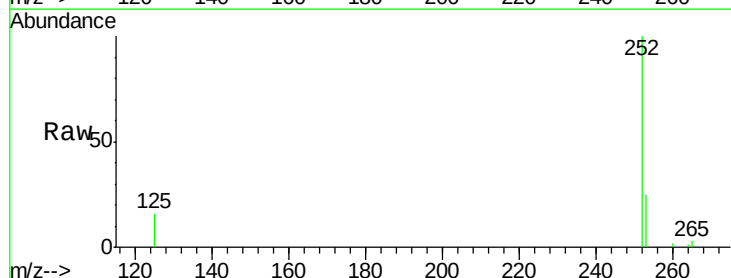
RT: 23.19 min Scan# 3597

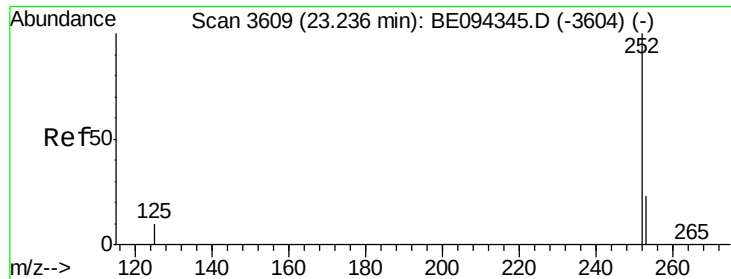
Delta R.T. -0.00 min

Lab File: BE094348.D

Acq: 14 Oct 2017 6:26

Tgt Ion:	252	Resp:	117008
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	64.2
125	15.8	0.0	35.0





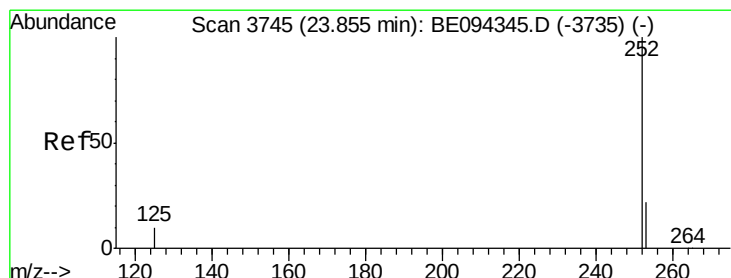
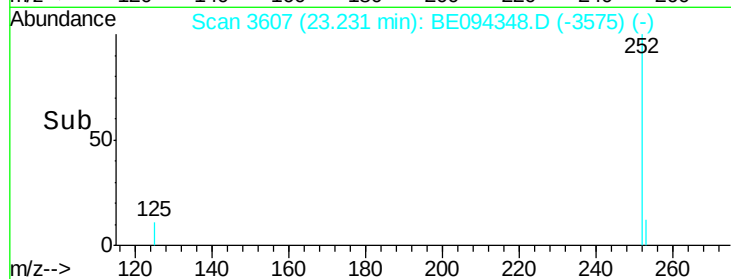
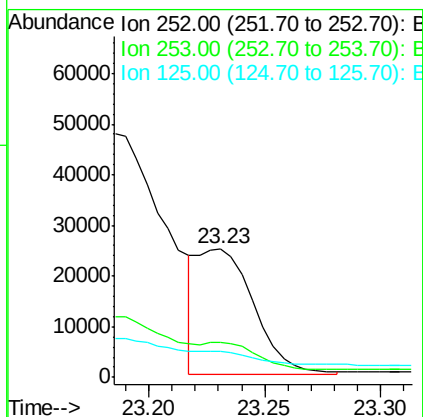
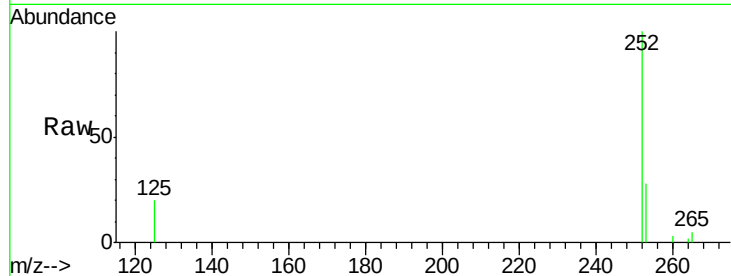
#22
Benzo(k)fluoranthene
Concen: 1.38 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.00 min
Lab File: BE094348.D
Acq: 14 Oct 2017 6:26

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B-59(5-7)-100317DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	20.0	13.7	20.5

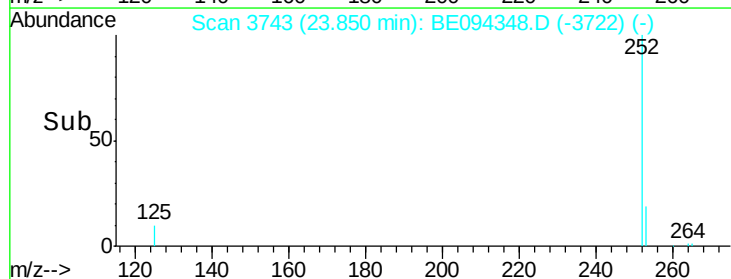
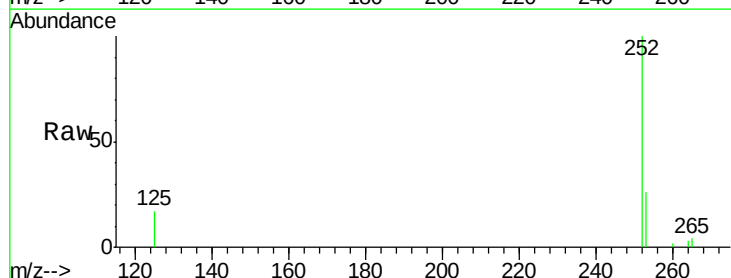
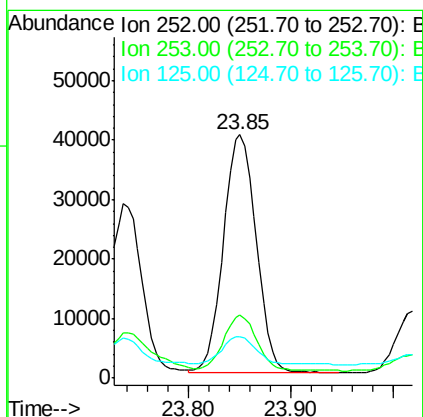
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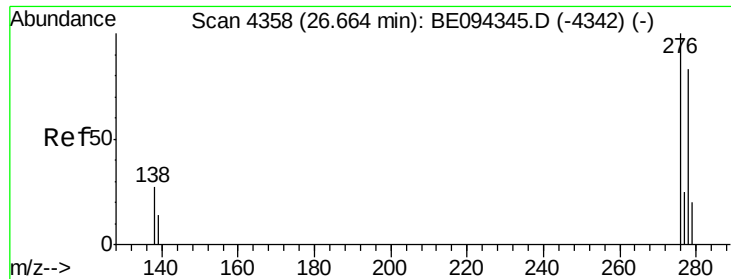
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#23
Benzo(a)pyrene
Concen: 3.28 ng/ul
RT: 23.85 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BE094348.D
Acq: 14 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	28.5	42.7#
125	17.1	18.1	27.1#





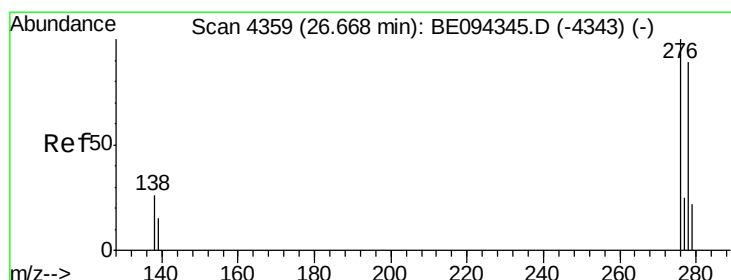
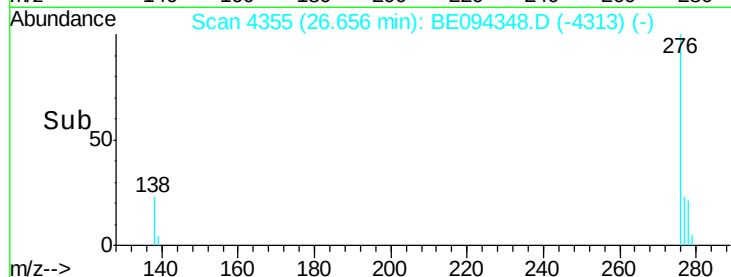
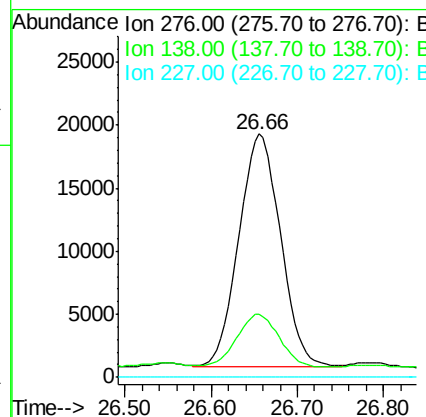
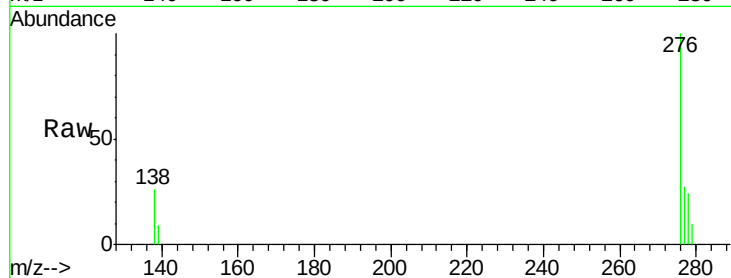
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.25 ng/ul
 RT: 26.66 min Scan# 4355
 Delta R.T. -0.01 min
 Lab File: BE094348.D
 Acq: 14 Oct 2017 6:26

Instrument :
 BNA_E
 ClientSampleId :
 B-59(5-7)-100317DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.9	28.0	42.0#
227	0.0	8.0	12.0#

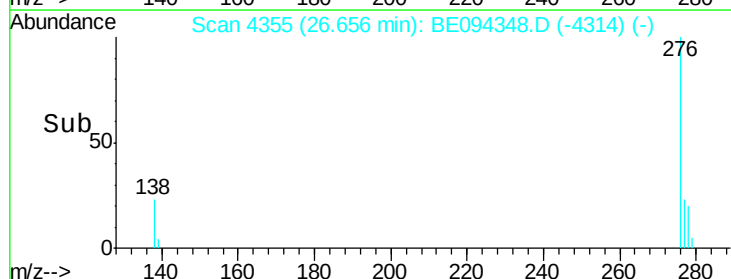
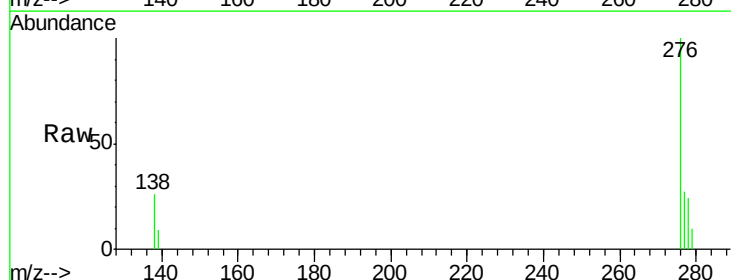
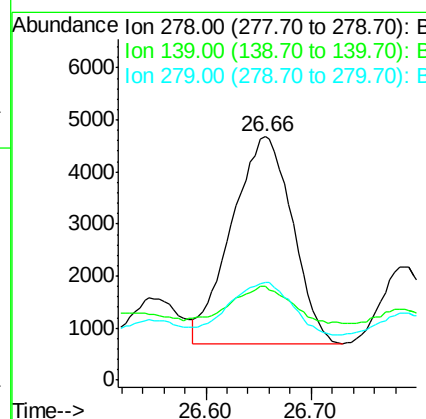
Manual Integrations
 APPROVED

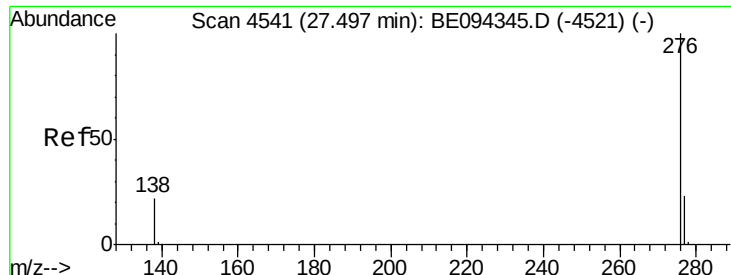
Sohil
 10/16/2017 8:23:23 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.69 ng/ul
 RT: 26.66 min Scan# 4355
 Delta R.T. -0.01 min
 Lab File: BE094348.D
 Acq: 14 Oct 2017 6:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	38.4	17.4	26.0#
279	40.0	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 2.41 ng/ul

RT: 27.50 min Scan# 4540

Delta R.T. 0.00 min

Lab File: BE094348.D

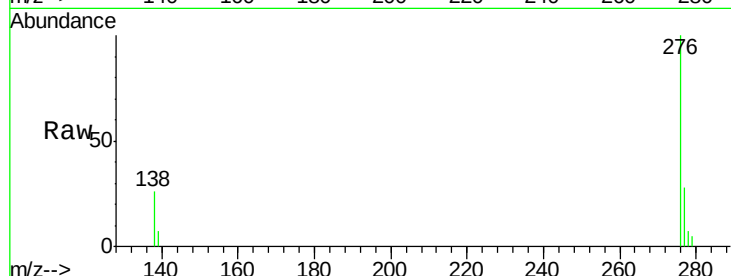
Acq: 14 Oct 2017 6:26

Instrument :

BNA_E

ClientSampleId :

B-59(5-7)-100317DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	26.2	21.8	32.8	
277	28.3	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:23 PM

