

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094292.D
 Acq On : 11 Oct 2017 22:56
 Operator : SJ/JU
 Sample : I5490-05DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717DL

Manual Integrations
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Sohil
 10/13/2017 12:05:51 PM

Quant Time: Oct 12 19:34:55 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 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9203	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5123	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10433	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11557	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11203	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	721	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1582	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	1026	0.046	ng/ul#	81
5) 2-Methylnaphthalene	12.36	142	581	0.040	ng/ul	97
7) Acenaphthylene	14.25	152	1643	0.082	ng/ul#	81
8) Acenaphthene	14.59	153	1694	0.103	ng/ul	98
9) Fluorene	15.57	166	1666	0.087	ng/ul#	81
12) Phenanthrene	17.31	178	36013	1.321	ng/ul	96
13) Anthracene	17.39	178	9783	0.369	ng/ul	96
15) Fluoranthene	19.32	202	72390	2.021	ng/ul	84
17) Pyrene	19.68	202	69775	2.170	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	37282	1.216	ng/ul#	83
19) Chrysene	21.46	228	39155	1.106	ng/ul#	77
21) Benzo(b)fluoranthene	23.18	252	48670m	1.599	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	17019m	0.484	ng/ul	
23) Benzo(a)pyrene	23.84	252	35562	1.125	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	26.64	276	23783	0.735	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.64	278	6144	0.226	ng/ul#	1
26) Benzo(a,h,i)perylene	27.48	276	25314	0.907	ng/ul#	56

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

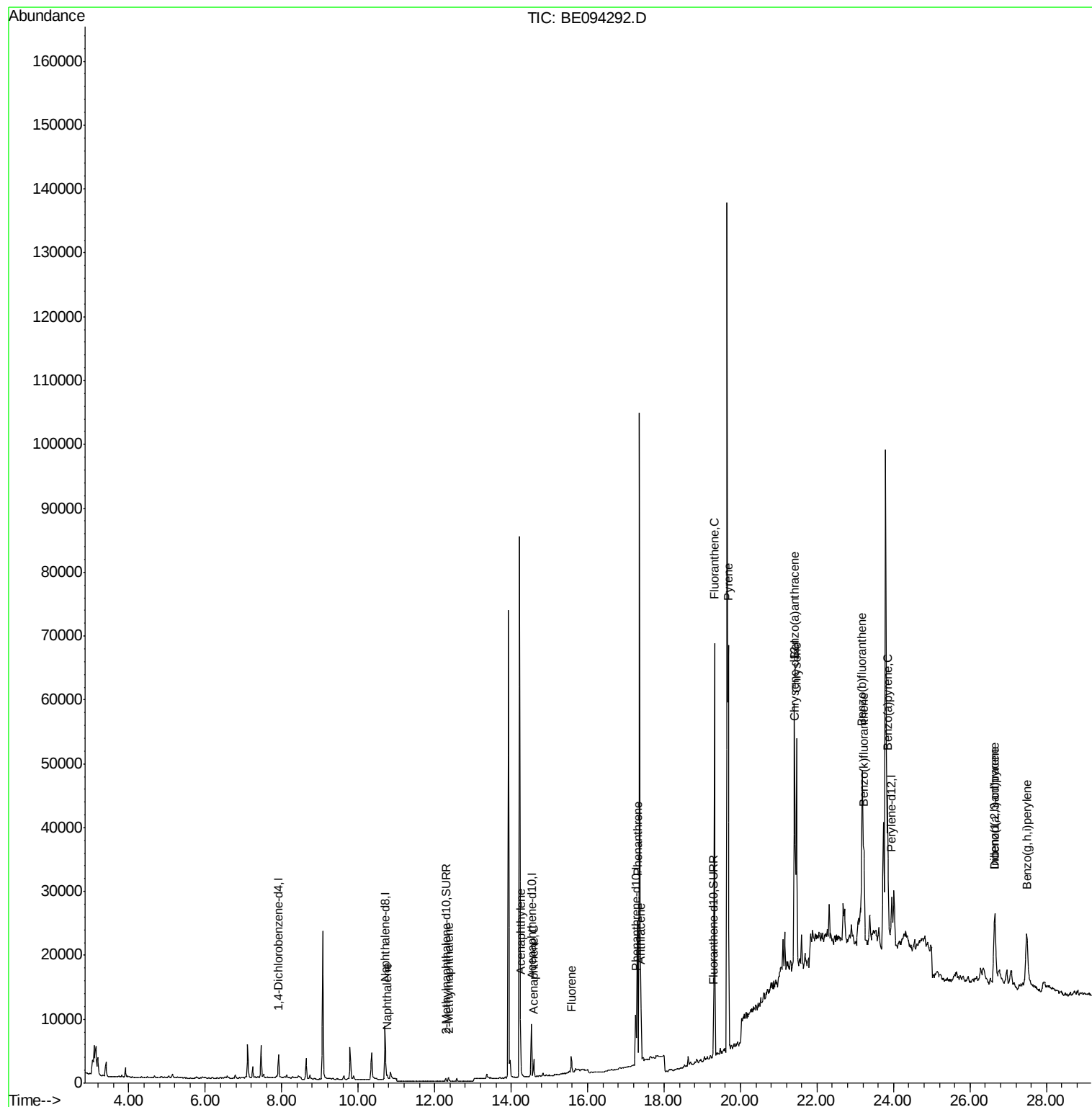
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094292.D
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Operator : SJ/JU
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ALS Vial : 16 Sample Multiplier: 1

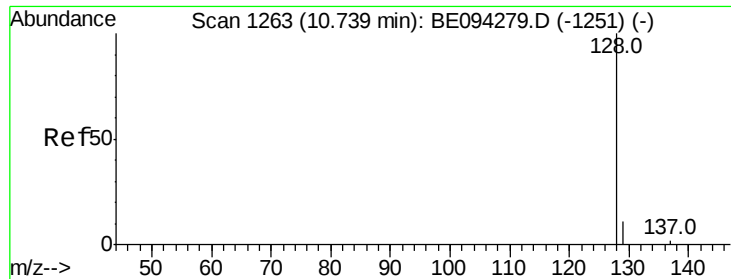
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Instrument :

BNA_E

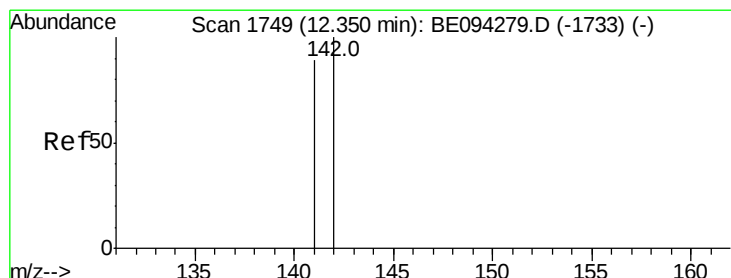
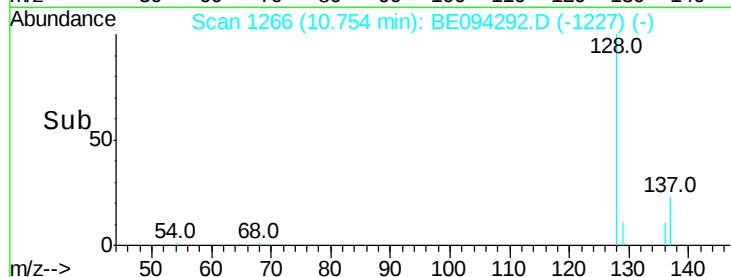
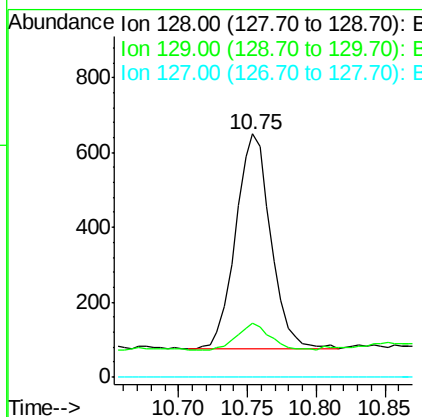
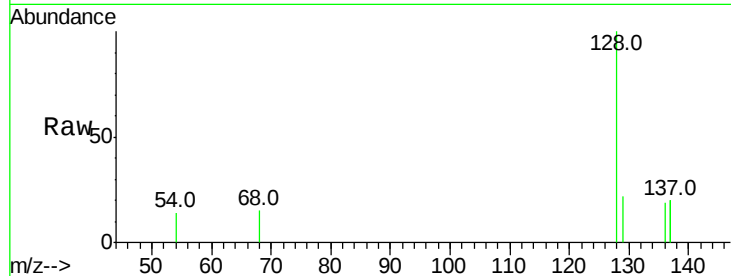
ClientSampleId :

B-69(0-1)-092717DL

Tot Ion:	128	Resp:	1026
Ion Ratio	Lower	Upper	
128	100		
129	22.2	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

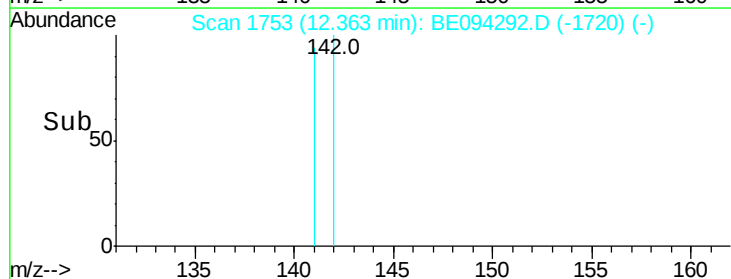
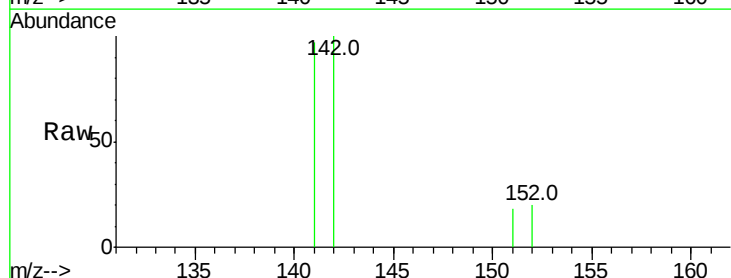
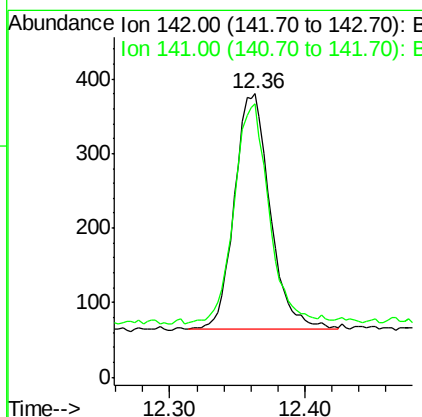
RT: 12.36 min Scan# 1753

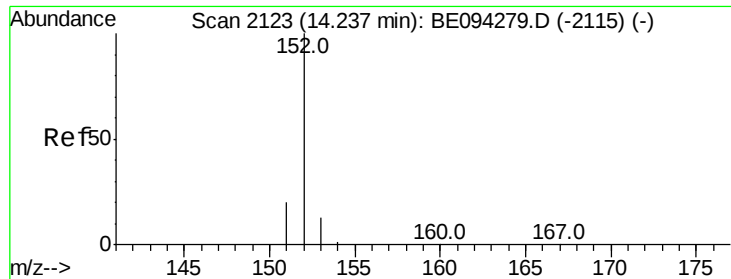
Delta R.T. -0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Tgt Ion:	142	Resp:	581
Ion Ratio	Lower	Upper	
142	100		
141	93.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Instrument :

BNA_E

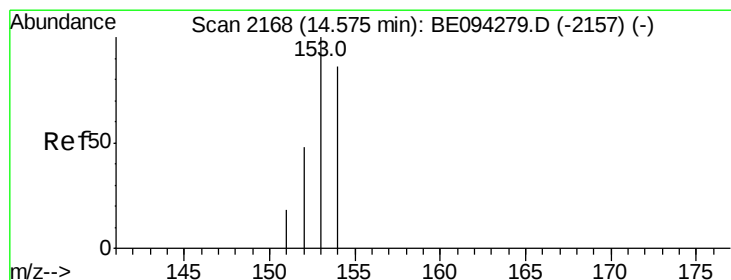
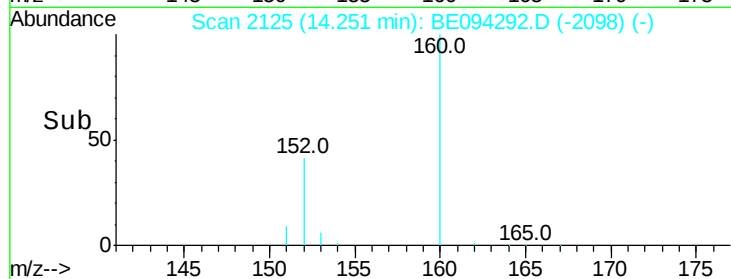
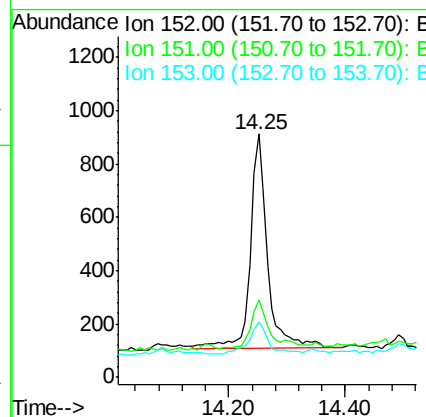
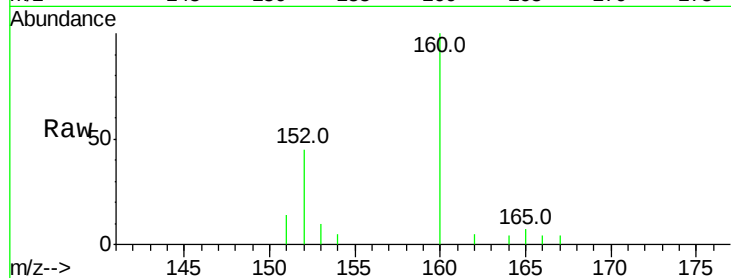
ClientSampleId :

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Tot Ion:	152	Resp:	1643
Ion Ratio	Lower	Upper	
152	100		
151	31.5	17.1	25.7#
153	22.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.103 ng/ul

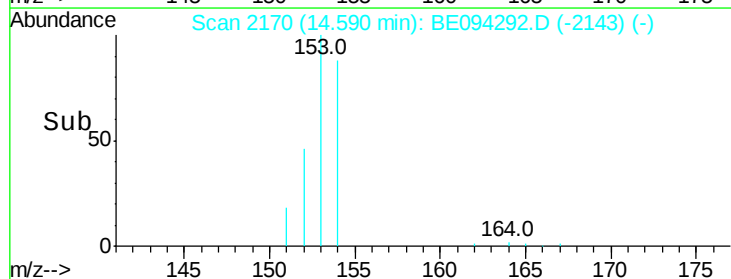
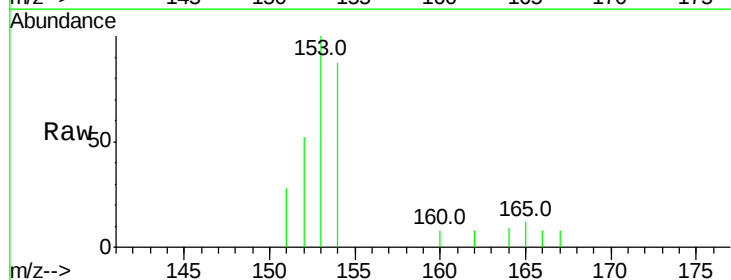
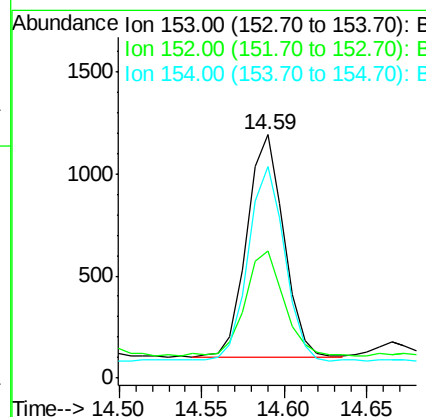
RT: 14.59 min Scan# 2170

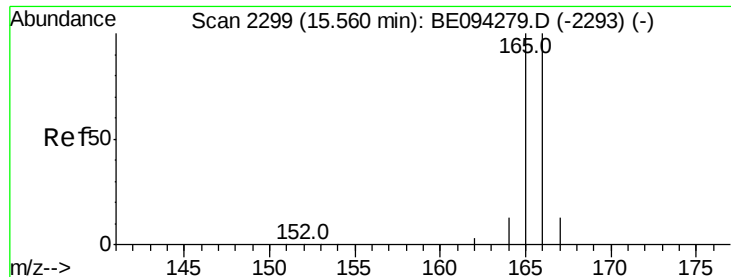
Delta R.T. 0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Tgt Ion:	153	Resp:	1694
Ion Ratio	Lower	Upper	
153	100		
152	52.2	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 0.087 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Instrument :

BNA_E

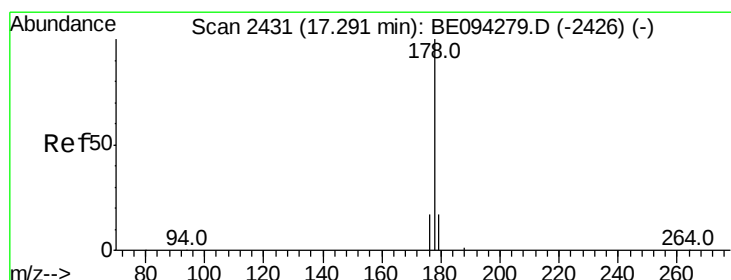
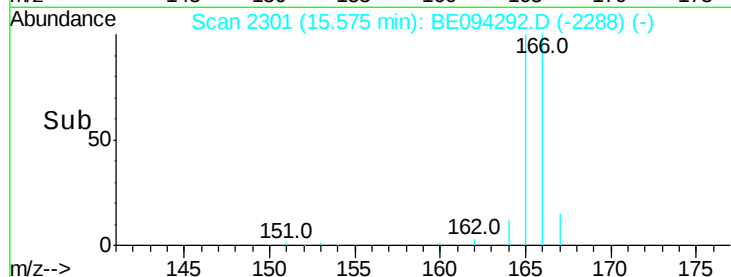
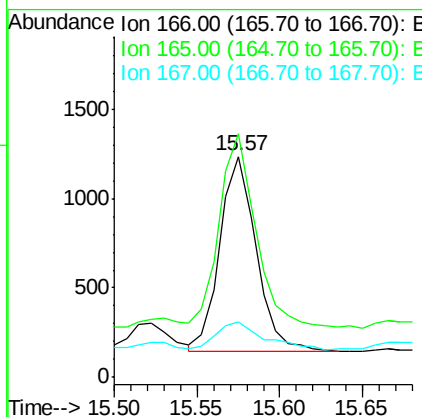
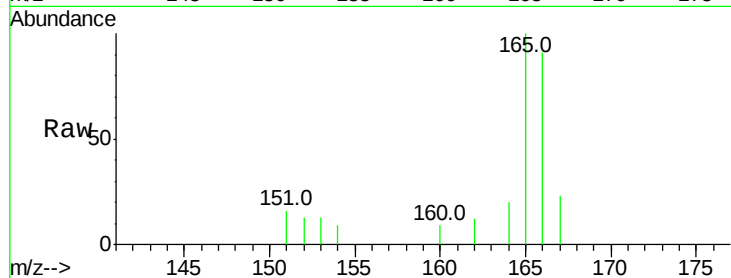
ClientSampleId :

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Tot Ion:	166	Resp:	1666
Ion Ratio	Lower	Upper	
166	100		
165	110.2	73.4	110.2#
167	25.0	14.6	22.0#

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#12

Phenanthrene

Concen: 1.321 ng/ul

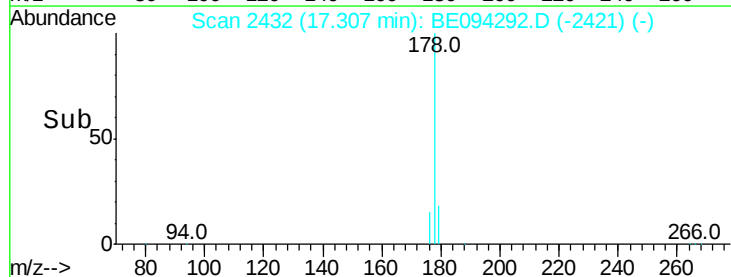
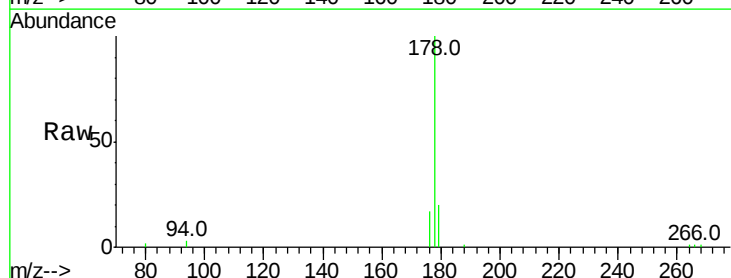
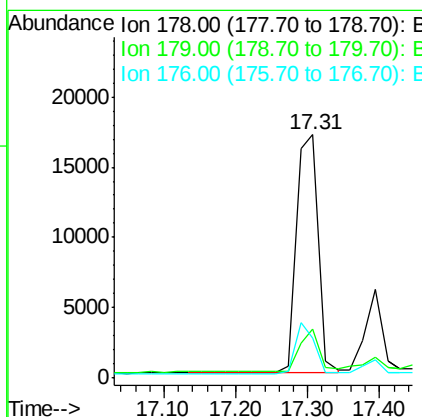
RT: 17.31 min Scan# 2432

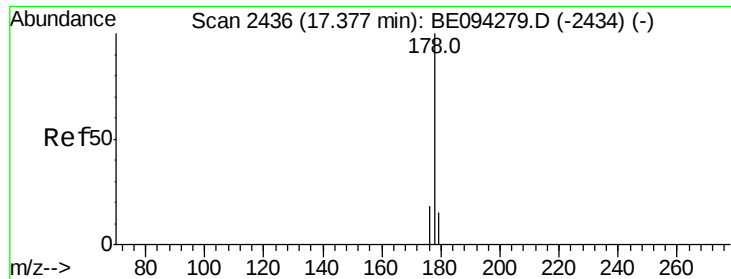
Delta R.T. -0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Tgt Ion:	178	Resp:	36013
Ion Ratio	Lower	Upper	
178	100		
179	20.2	18.4	27.6
176	16.7	13.6	20.4





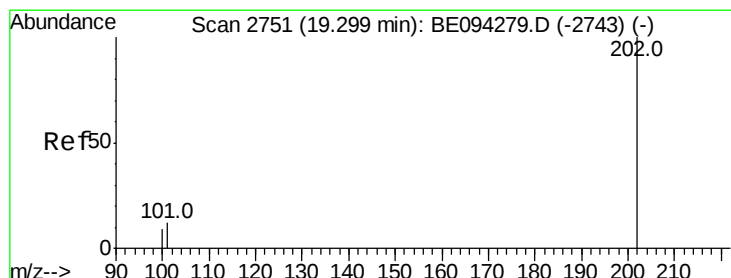
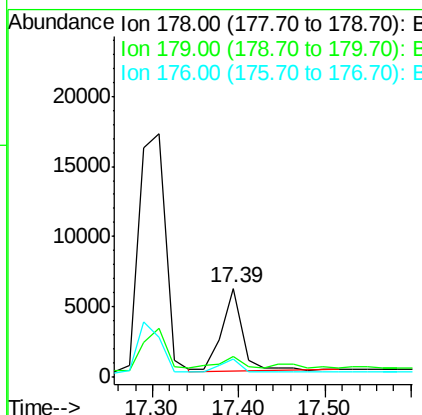
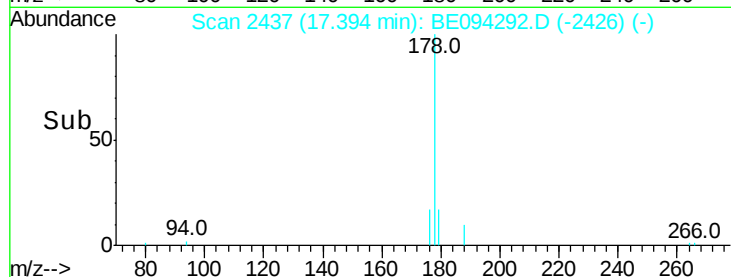
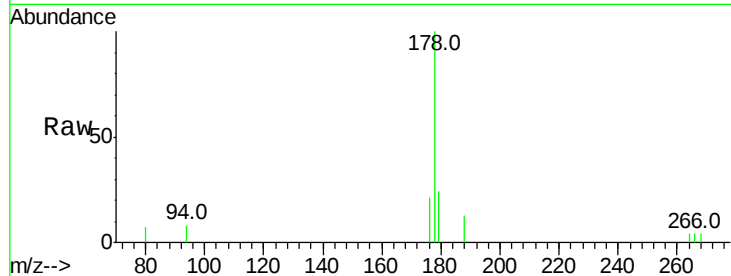
#13
 Anthracene
 Concen: 0.369 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BE094292.D
 Acq: 11 Oct 2017 22:56

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717DL

Tot Ion:178 Resp: 9783
 Ion Ratio Lower Upper
 178 100
 179 23.7 18.1 27.1
 176 21.0 14.7 22.1

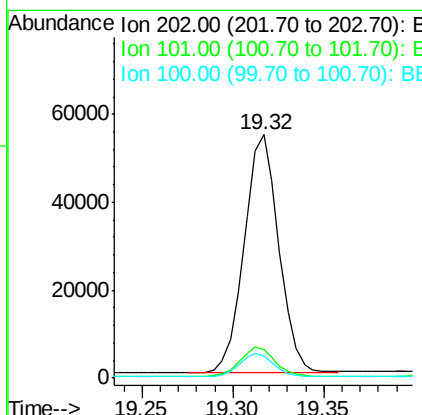
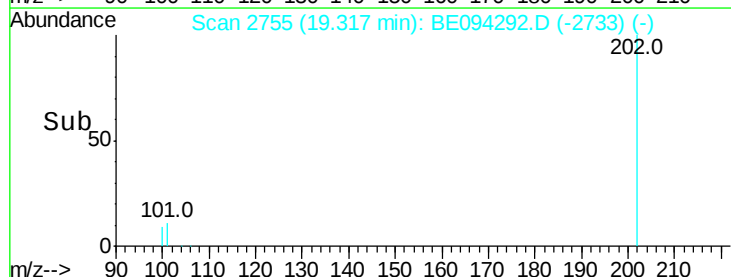
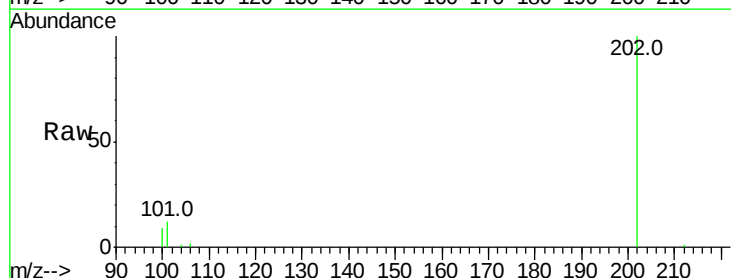
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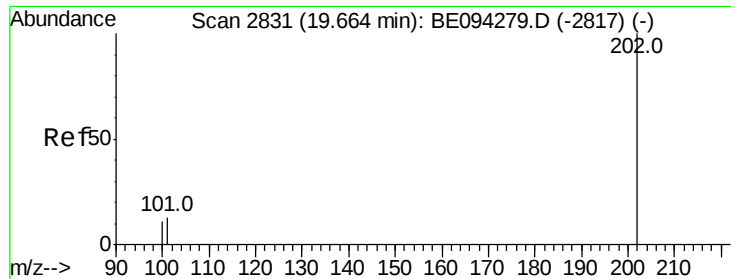
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#15
 Fluoranthene
 Concen: 2.021 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BE094292.D
 Acq: 11 Oct 2017 22:56

Tgt Ion:202 Resp: 72390
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.3
 100 8.9 0.0 39.5





#17

Pvrene

Concen: 2.170 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Instrument :

BNA_E

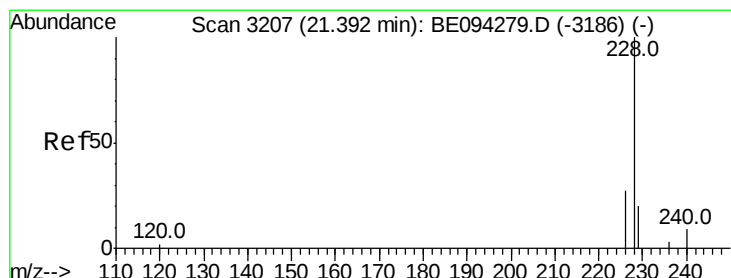
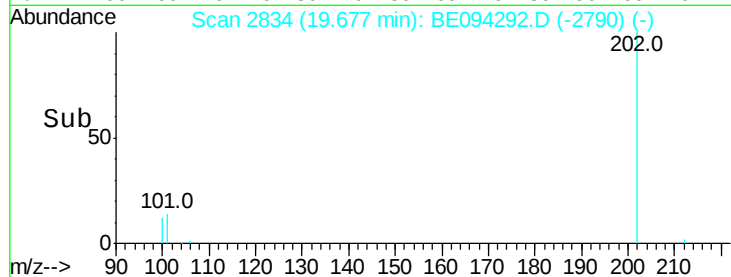
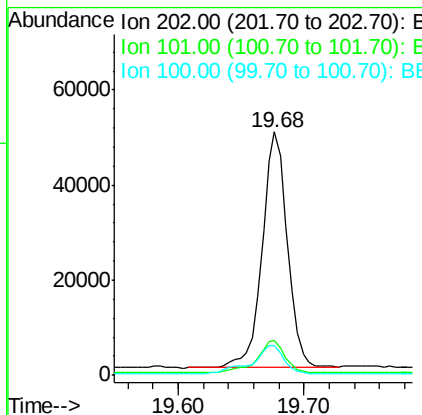
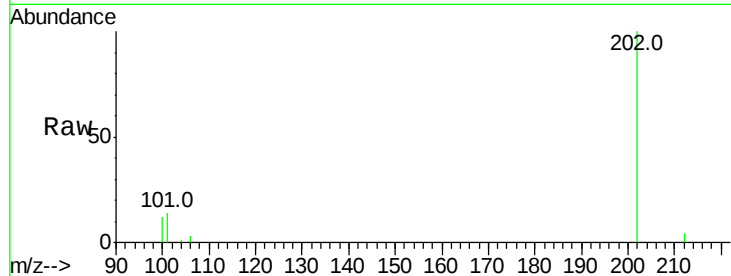
ClientSampleId :

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Tot Ion:	202	Resp:	69775
Ion Ratio	Lower	Upper	
202	100		
101	14.1	18.2	27.4#
100	12.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.216 ng/ul

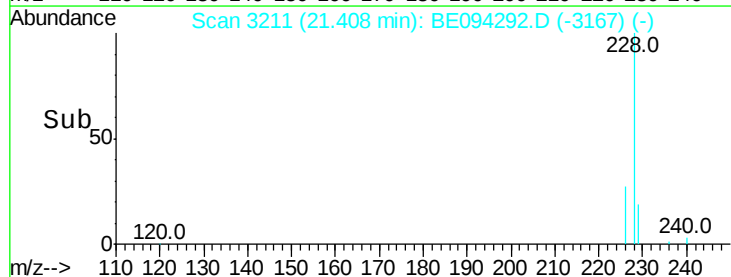
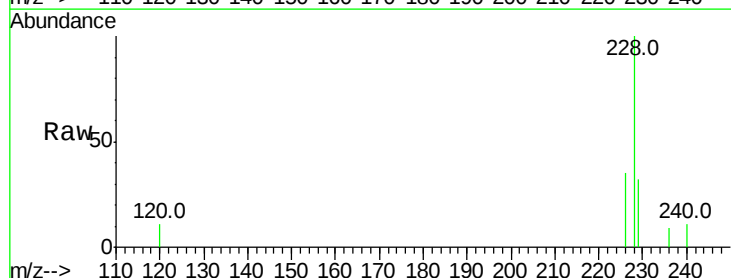
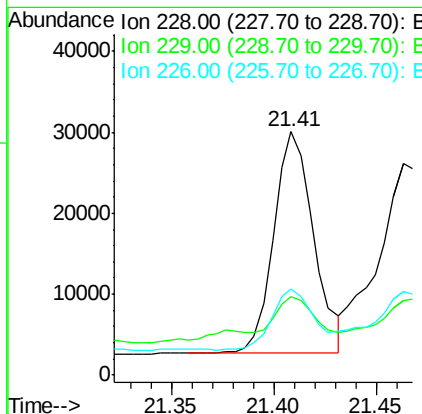
RT: 21.41 min Scan# 3211

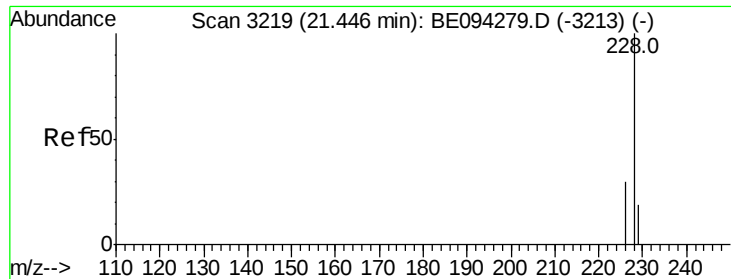
Delta R.T. -0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Tgt Ion:	228	Resp:	37282
Ion Ratio	Lower	Upper	
228	100		
229	32.3	22.8	34.2
226	35.4	17.0	25.6#





#19

Chrysene

Concen: 1.106 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Instrument :

BNA_E

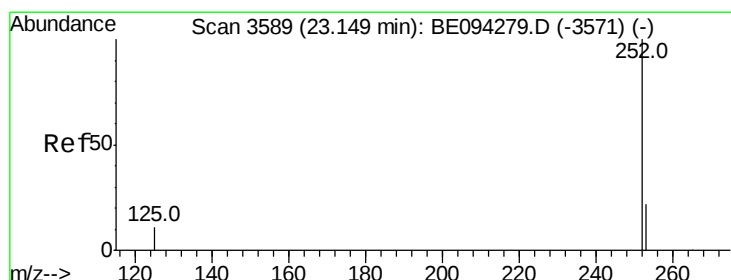
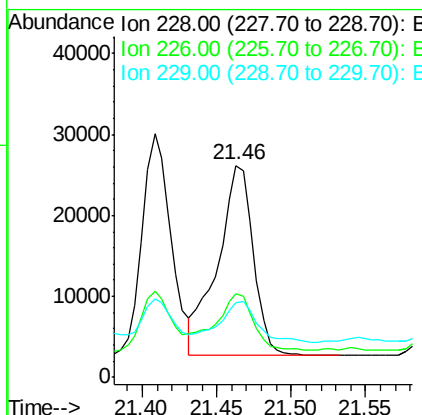
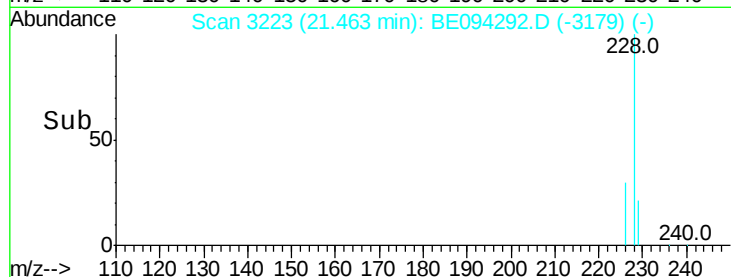
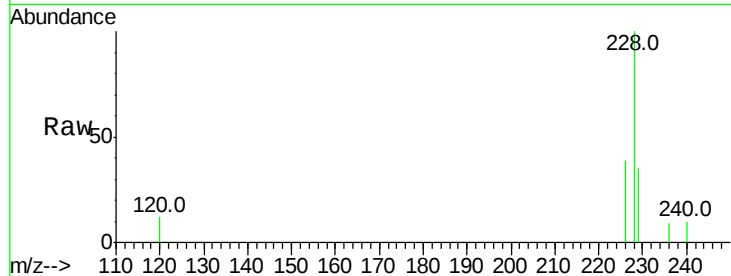
ClientSampleId :

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Tot Ion:	228	Resp:	39155
Ion Ratio	Lower	Upper	
228	100		
226	39.5	23.4	35.0#
229	35.4	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.599 ng/ul m

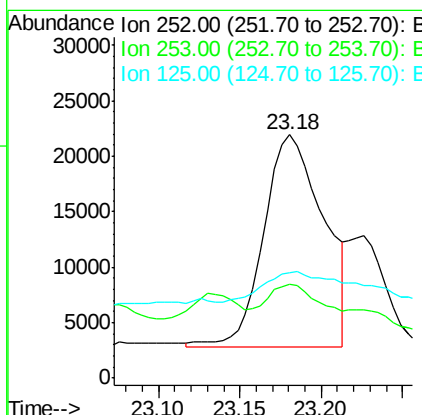
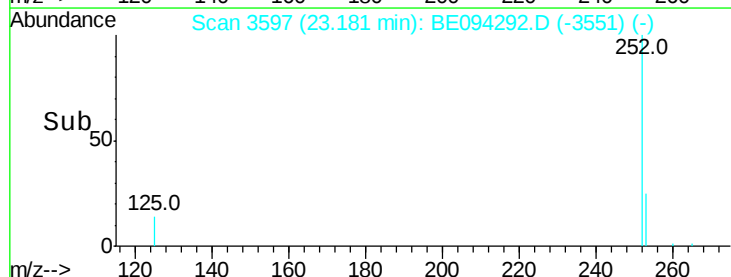
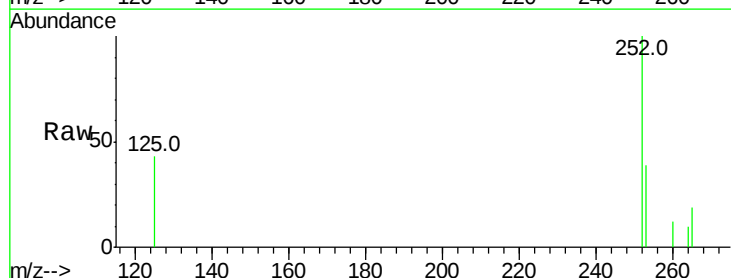
RT: 23.18 min Scan# 3597

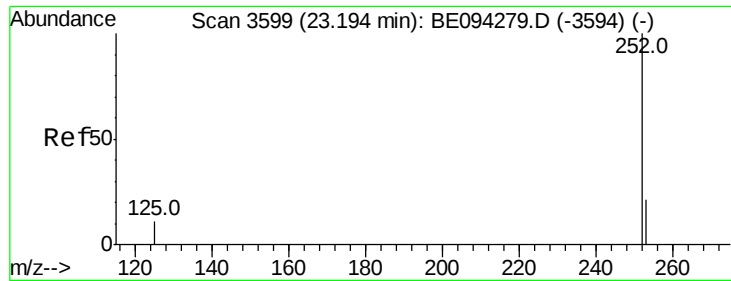
Delta R.T. 0.01 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Tgt Ion:	252	Resp:	48670
Ion Ratio	Lower	Upper	
252	100		
253	38.6	0.0	64.2
125	43.4	0.0	35.0#





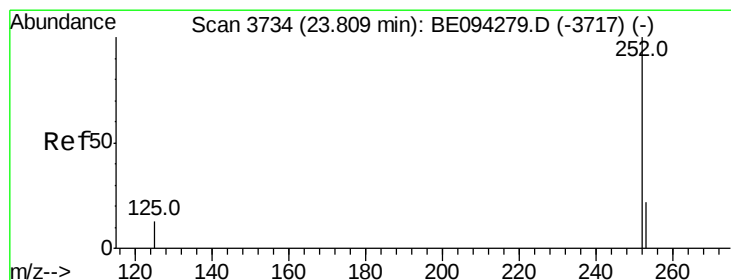
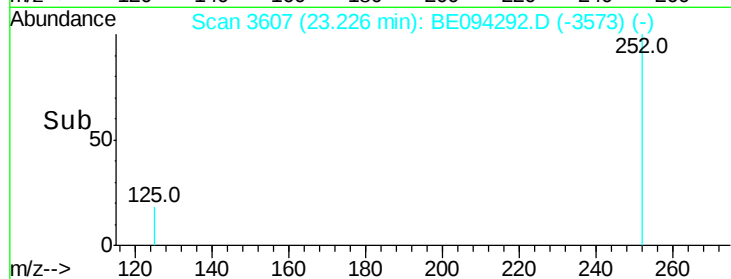
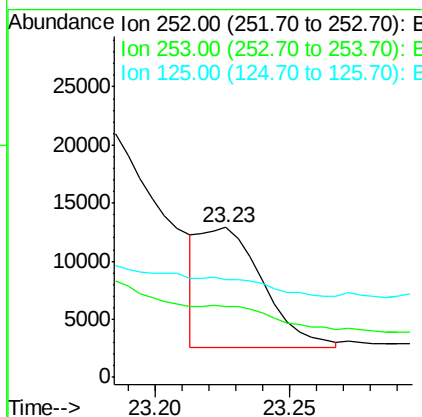
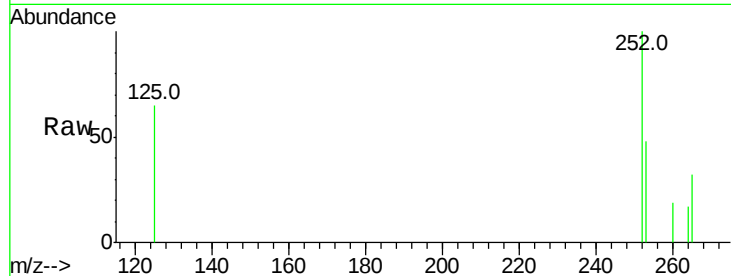
#22
Benzo(k)fluoranthene
Concen: 0.484 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. 0.00 min
Lab File: BE094292.D
Acq: 11 Oct 2017 22:56

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	47.8	24.5	36.7#
125	65.0	13.7	20.5#

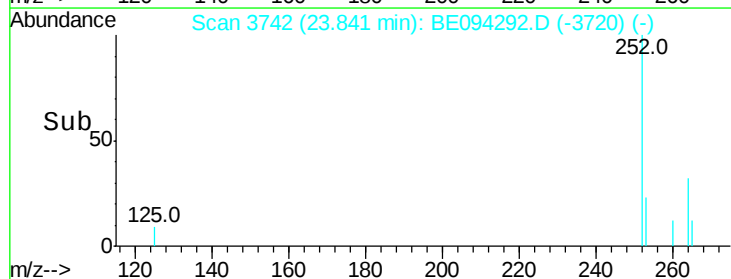
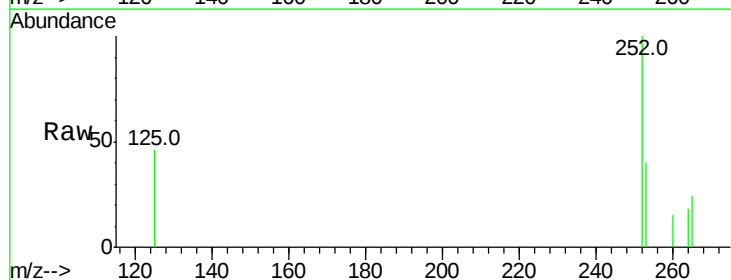
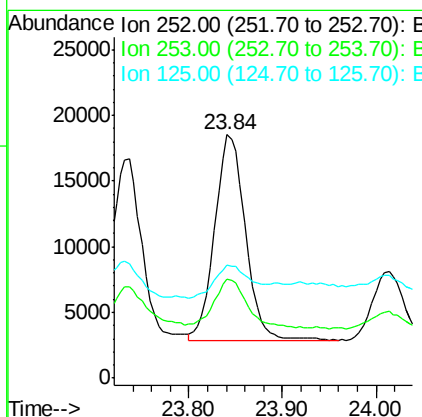
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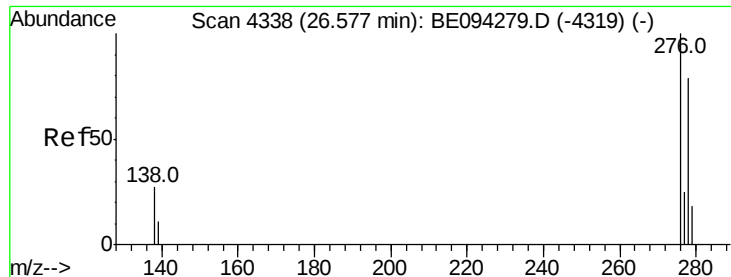
Sohil
10/13/2017 12:05:51 PM



#23
Benzo(a)pyrene
Concen: 1.125 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BE094292.D
Acq: 11 Oct 2017 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.4	28.5	42.7
125	46.3	18.1	27.1#





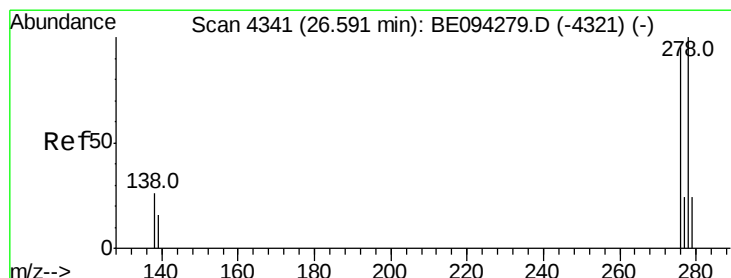
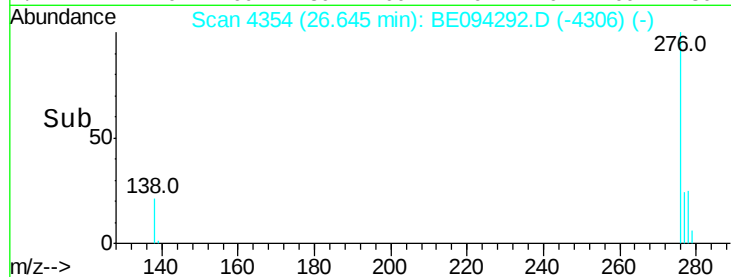
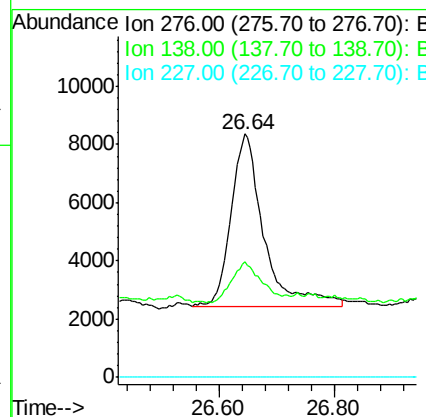
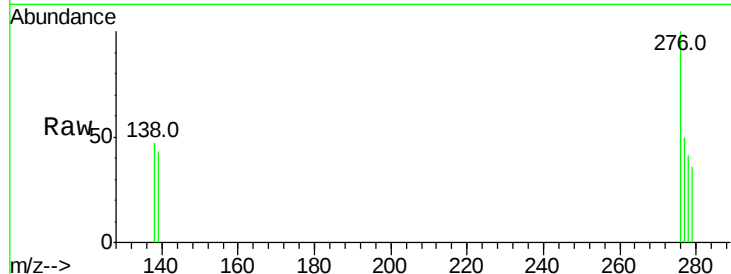
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.735 ng/uL
 RT: 26.64 min Scan# 4354
 Delta R.T. 0.02 min
 Lab File: BE094292.D
 Acq: 11 Oct 2017 22:56

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	28.0	42.0#
227	0.0	8.0	12.0#

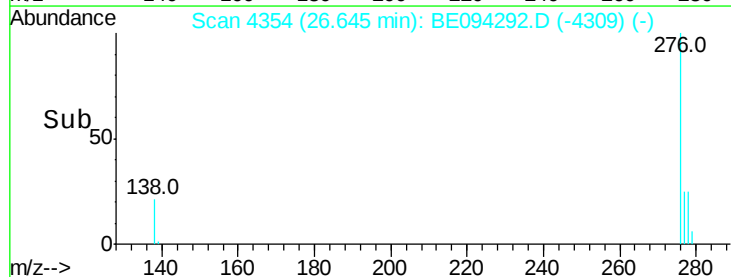
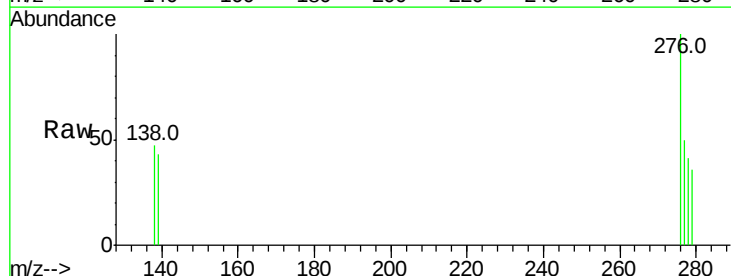
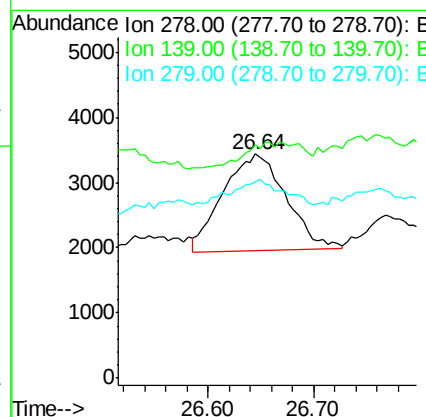
Manual Integrations
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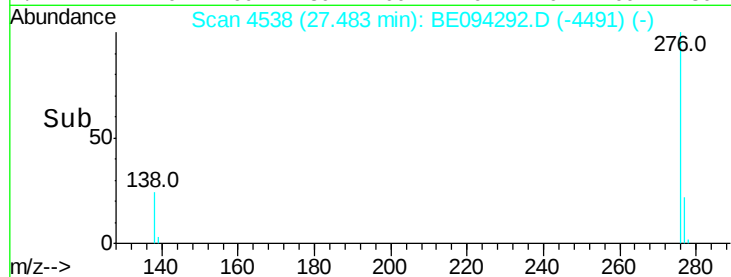
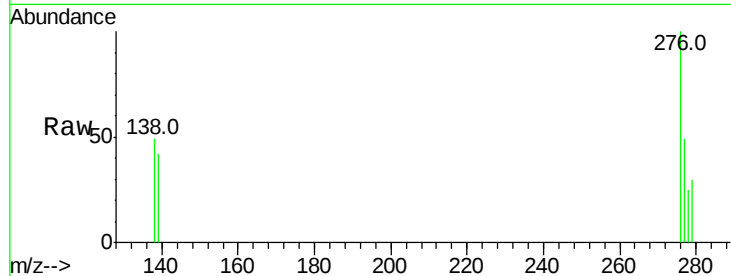
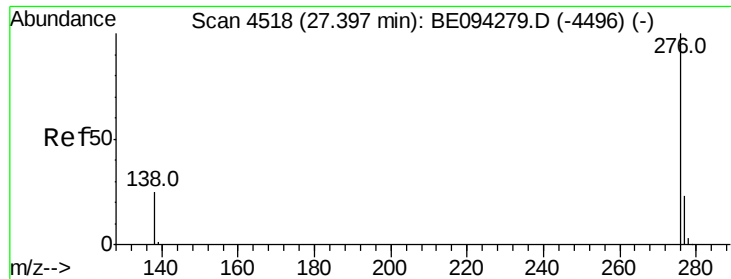
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.226 ng/uL
 RT: 26.64 min Scan# 4354
 Delta R.T. 0.00 min
 Lab File: BE094292.D
 Acq: 11 Oct 2017 22:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	104.1	17.4	26.0#
279	87.3	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.907 ng/ul

RT: 27.48 min Scan# 4538

Delta R.T. 0.01 min

Lab File: BE094292.D

Acq: 11 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

B-69(0-1)-092717DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	48.6	21.8	32.8#
277	49.2	20.5	30.7#

Manual Integrations
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Sohil
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