

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094289.D
 Acq On : 11 Oct 2017 21:06
 Operator : SJ/JU
 Sample : I5490-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-70(5-7)-092717

Manual Integrations
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Sohil
 10/13/2017 12:05:45 PM

Quant Time: Oct 12 08:43:05 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	1991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9637	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6163	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11555m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10862	0.40	ng/ul	0.02
20) Perylene-d12	23.96	264	18094m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4302	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8444	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	112954	4.785	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	58220	3.802	ng/ul	98
7) Acenaphthylene	14.24	152	12968	0.540	ng/ul#	88
8) Acenaphthene	14.58	153	133924	6.770	ng/ul	98
9) Fluorene	15.57	166	210440	9.085	ng/ul#	93
12) Phenanthrene	17.29	178	2892285	95.786	ng/ul#	84
13) Anthracene	17.38	178	881372	30.012	ng/ul#	86
15) Fluoranthene	19.32	202	3588961	90.458	ng/ul	83
17) Pyrene	19.68	202	3351235	110.888	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	2160691	74.983	ng/ul#	86
19) Chrysene	21.47	228	2009068	60.374	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	2257235	45.923	ng/ul	86
22) Benzo(k)fluoranthene	23.24	252	927020m	16.317	ng/ul	
23) Benzo(a)pyrene	23.86	252	1809696m	35.431	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	1038877m	19.883	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	321043m	7.326	ng/ul	
26) Benzo(a,h,i)perylene	27.48	276	781908m	17.350	ng/ul	

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

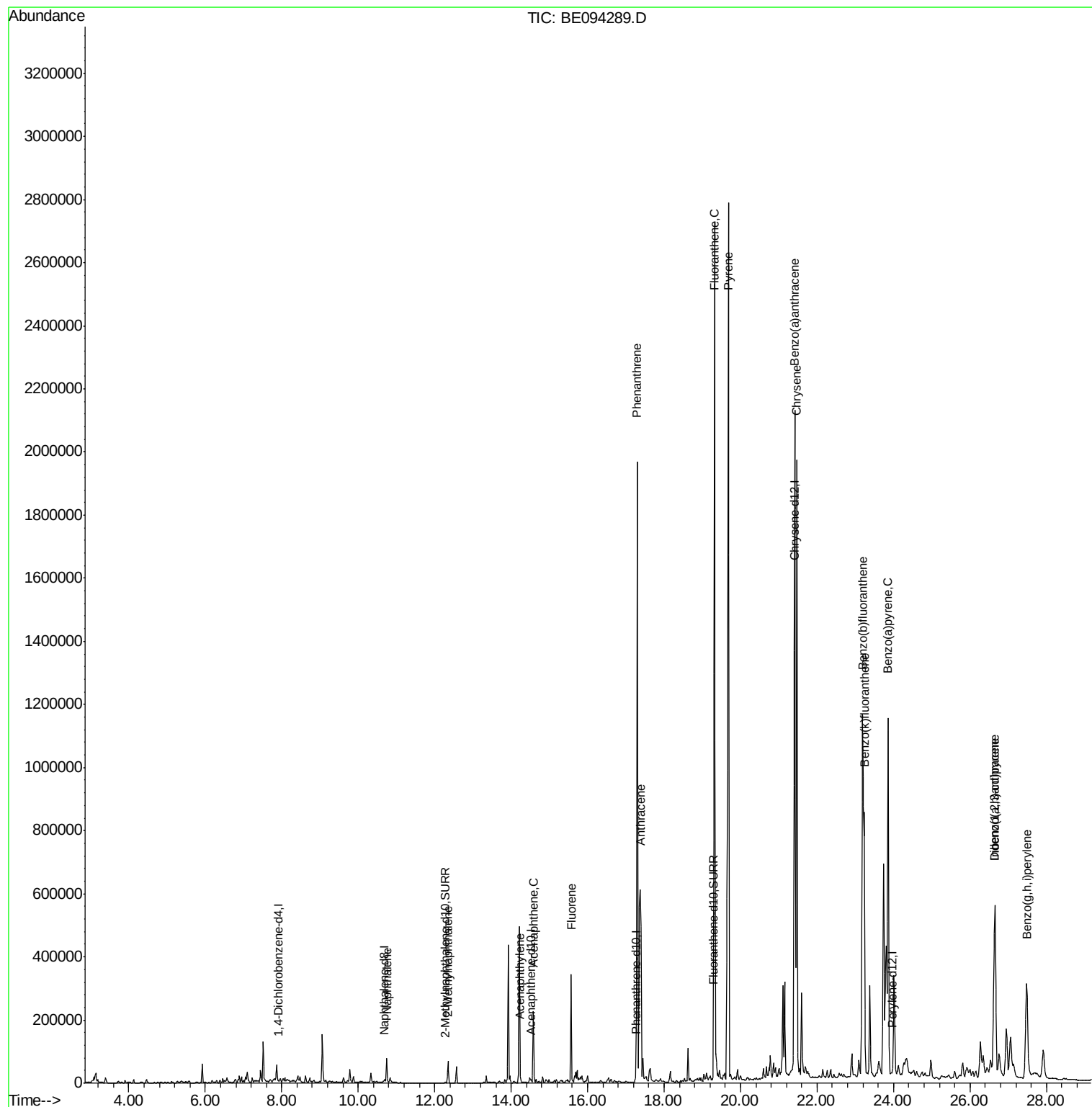
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094289.D
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ALS Vial : 13 Sample Multiplier: 1

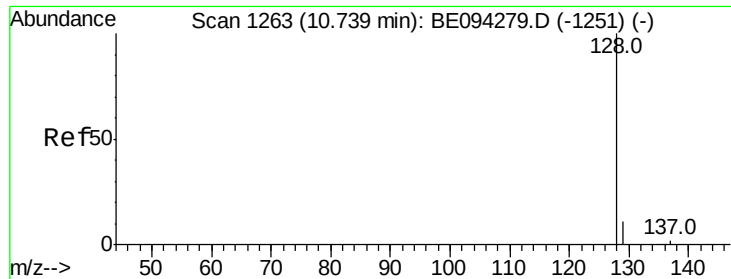
Instrument :
BNA_E
ClientSampleId :
B-70(5-7)-092717

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Quant Time: Oct 12 08:43:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Thu Oct 12 07:31:23 2017
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#3

Naphthalene

Concen: 4.785 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Instrument :

BNA_E

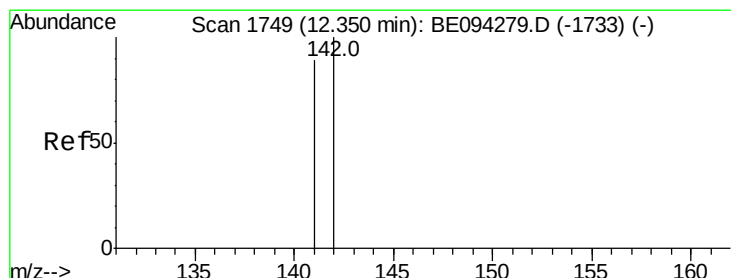
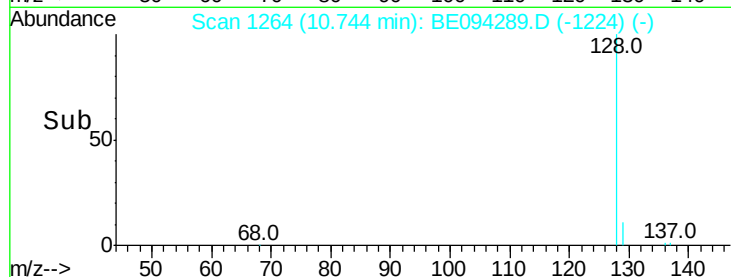
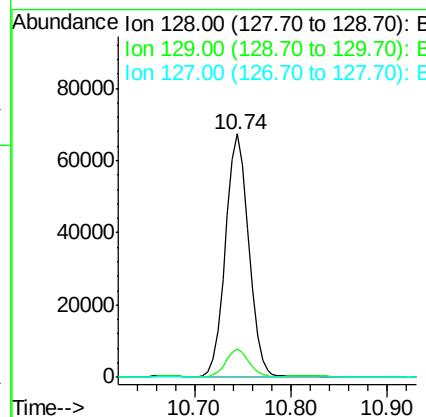
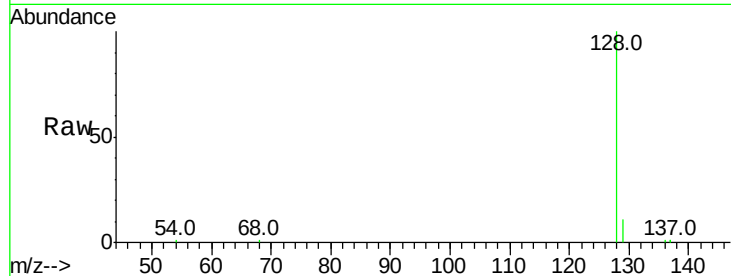
ClientSampleId :

B-70(5-7)-092717

Tot Ion:	128	Resp:	112954
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 3.802 ng/ul

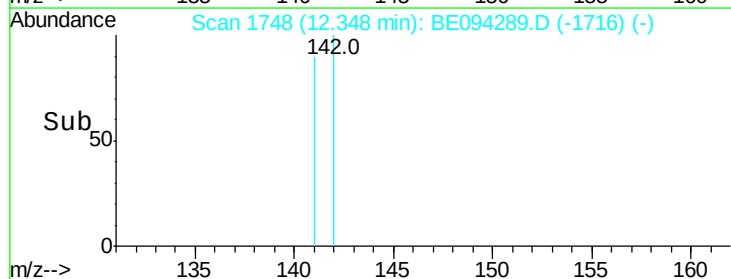
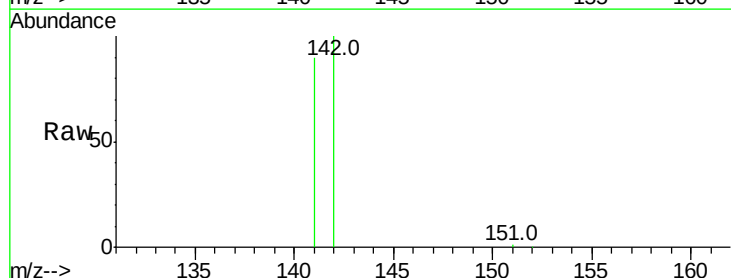
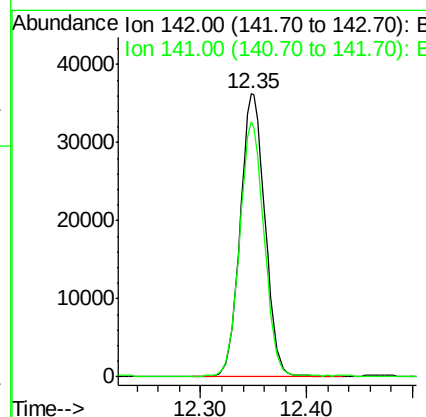
RT: 12.35 min Scan# 1748

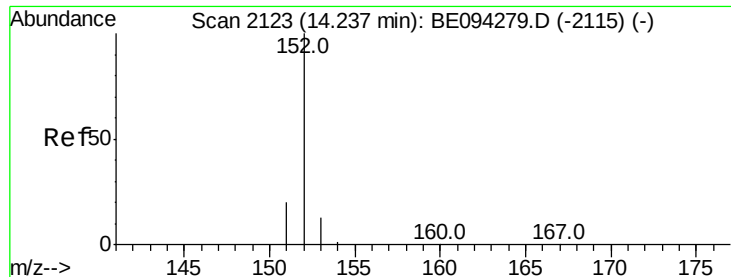
Delta R.T. -0.00 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Tgt Ion:	142	Resp:	58220
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.540 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Instrument :

BNA_E

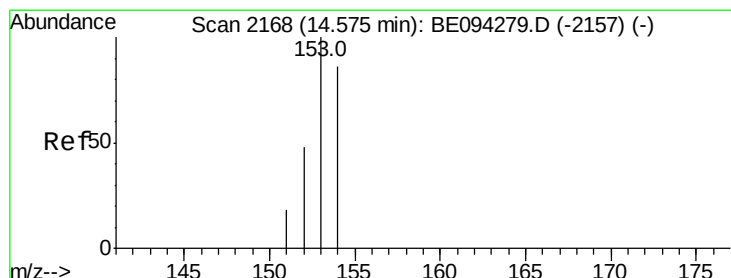
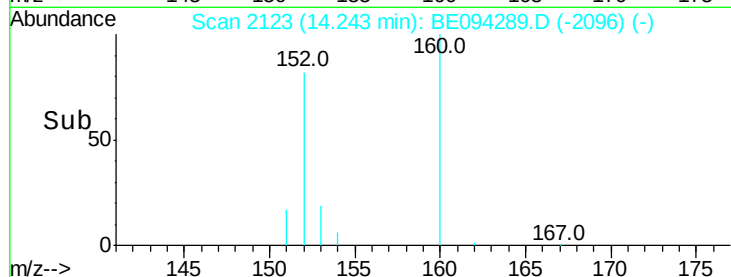
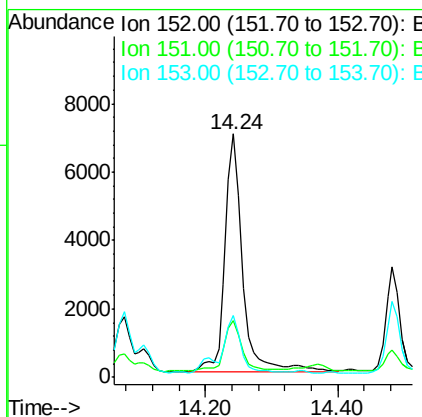
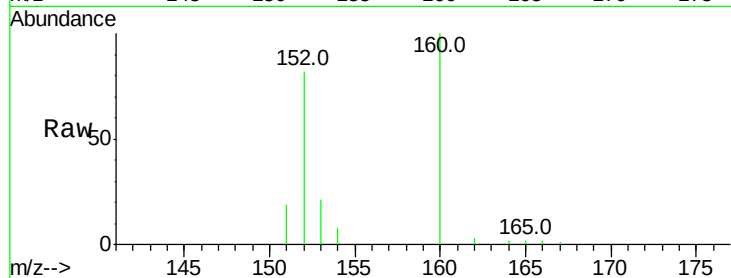
ClientSampleId :

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Tot Ion:	152	Resp:	12968
Ion Ratio	Lower	Upper	
152	100		
151	23.5	17.1	25.7
153	25.2	12.8	19.2

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#8

Acenaphthene

Concen: 6.770 ng/ul

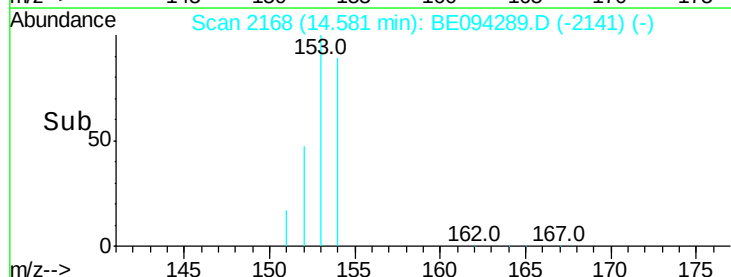
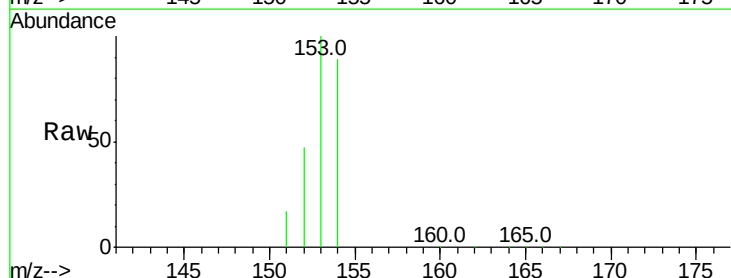
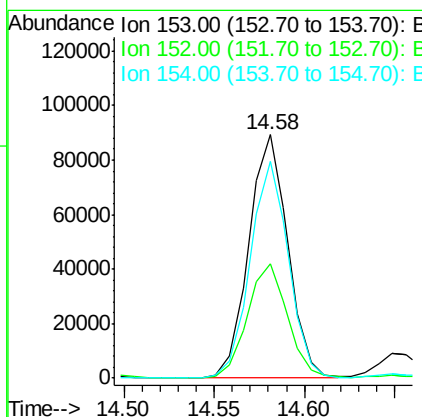
RT: 14.58 min Scan# 2168

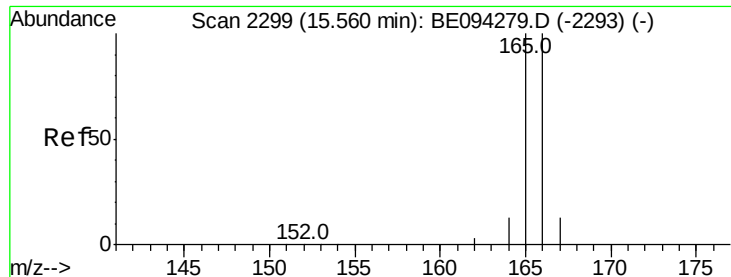
Delta R.T. 0.01 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Tgt Ion:	153	Resp:	133924
Ion Ratio	Lower	Upper	
153	100		
152	46.7	40.3	60.5
154	89.1	71.4	107.2





#9

Fluorene

Concen: 9.085 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Instrument :

BNA_E

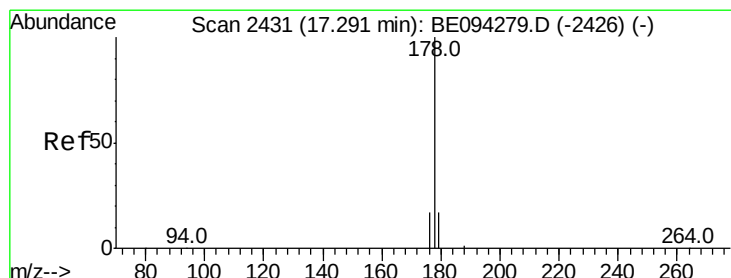
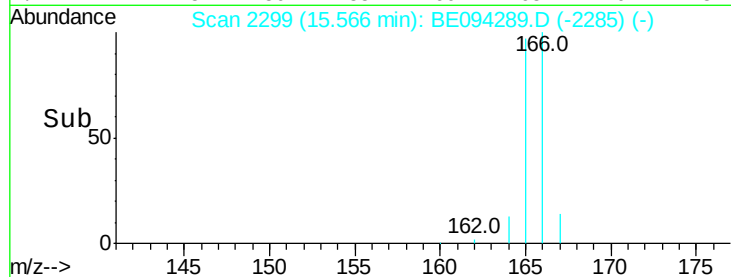
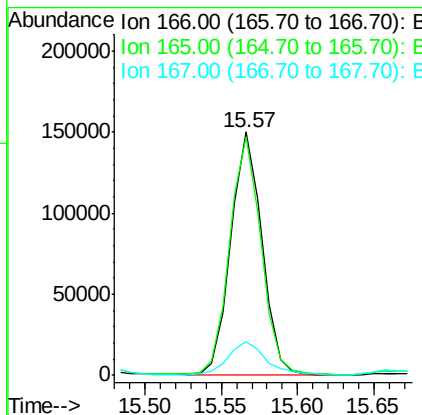
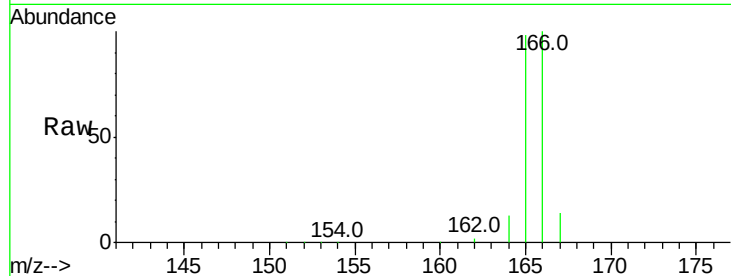
ClientSampleId :

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Tot Ion:	166	Resp:	210440
Ion Ratio	Lower	Upper	
166	100		
165	97.7	73.4	110.2
167	14.1	14.6	22.0#

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#12

Phenanthrene

Concen: 95.786 ng/ul

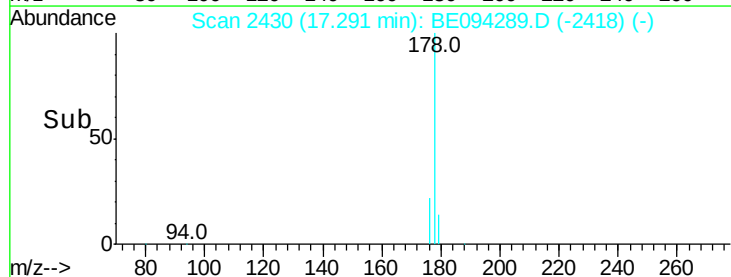
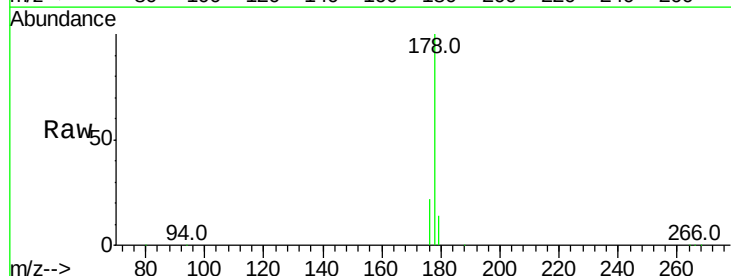
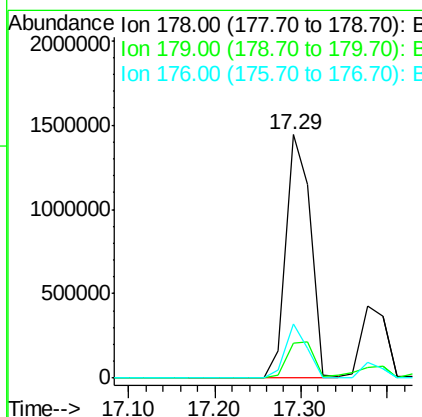
RT: 17.29 min Scan# 2430

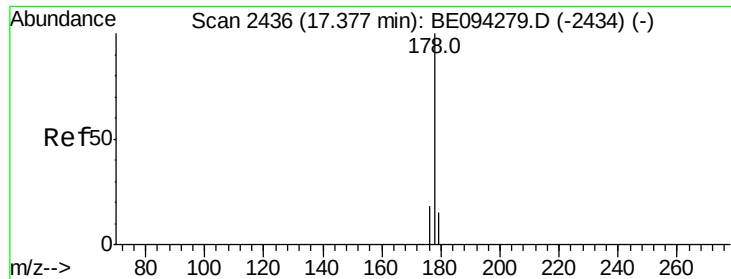
Delta R.T. 0.00 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Tgt Ion:	178	Resp:	2892285
Ion Ratio	Lower	Upper	
178	100		
179	14.1	18.4	27.6#
176	22.2	13.6	20.4#





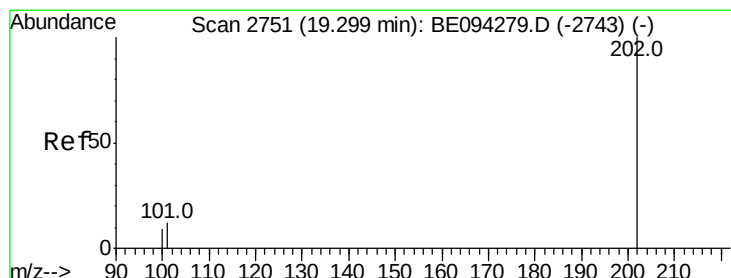
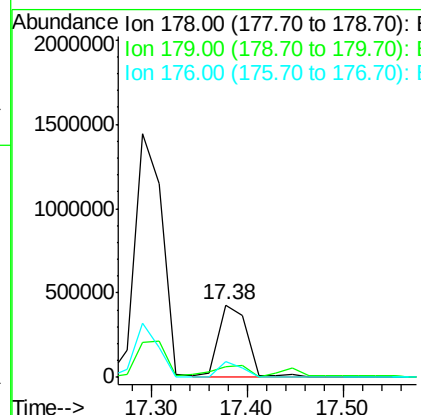
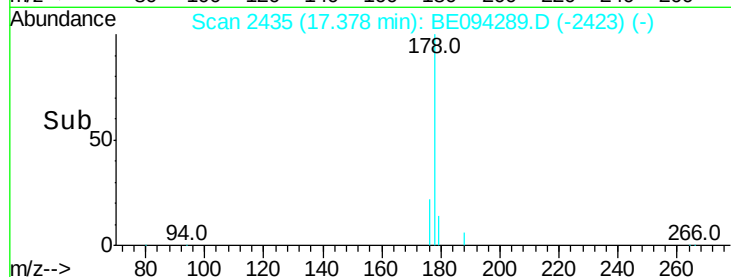
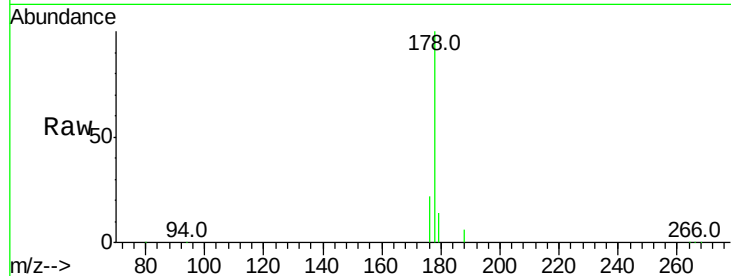
#13
 Anthracene
 Concen: 30.012 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BE094289.D
 Acq: 11 Oct 2017 21:06

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion:178 Resp: 881372
 Ion Ratio Lower Upper
 178 100
 179 13.9 18.1 27.1#
 176 22.1 14.7 22.1#

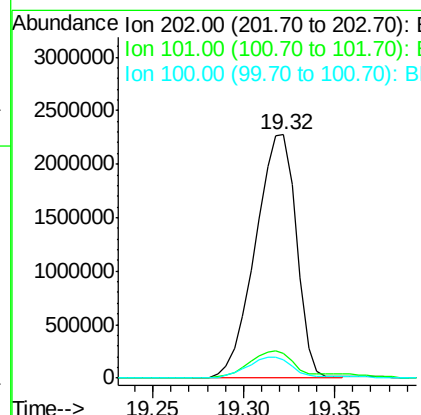
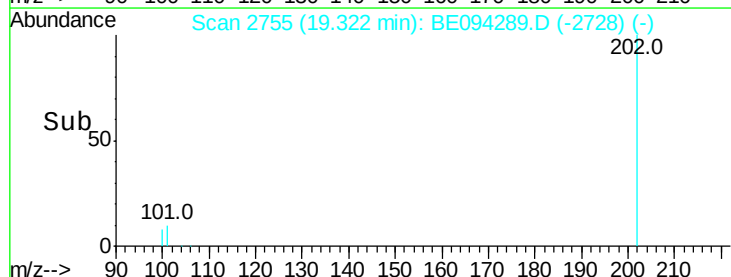
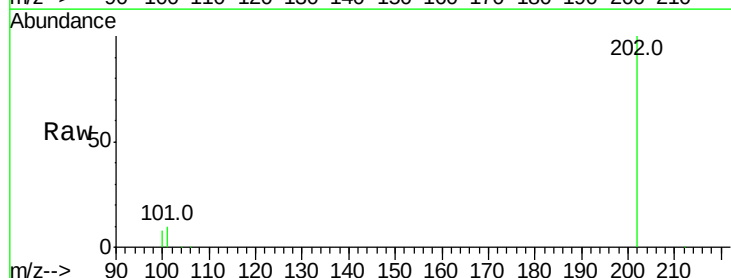
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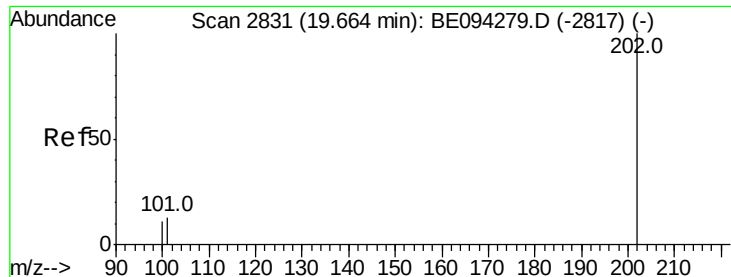
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#15
 Fluoranthene
 Concen: 90.458 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.02 min
 Lab File: BE094289.D
 Acq: 11 Oct 2017 21:06

Tgt Ion:202 Resp: 3588961
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 30.3
 100 7.7 0.0 39.5





#17

Pvrene

Concen: 110.888 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.02 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Instrument :

BNA_E

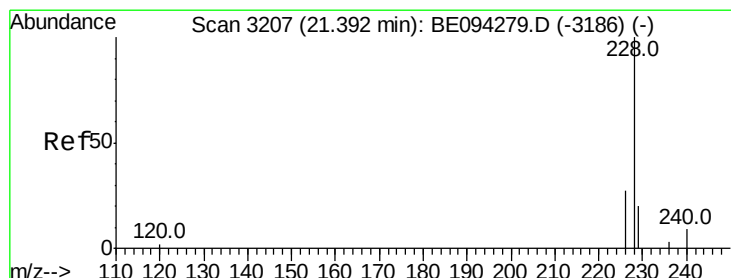
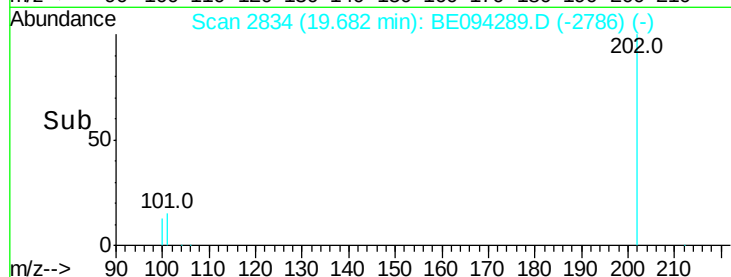
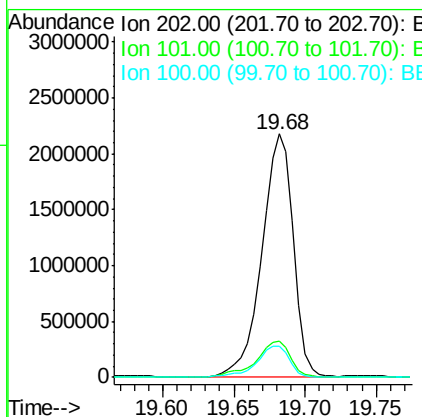
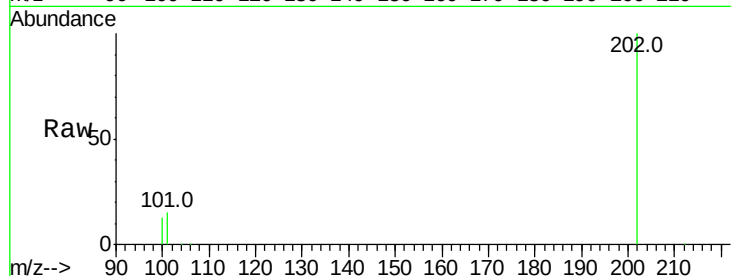
ClientSampleId :

B-70(5-7)-092717

Tot Ion:	202	Resp:	3351235
Ion Ratio	Lower	Upper	
202	100		
101	14.9	18.2	27.4#
100	12.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 74.983 ng/ul

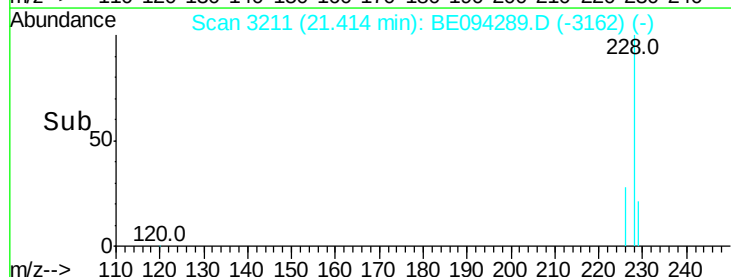
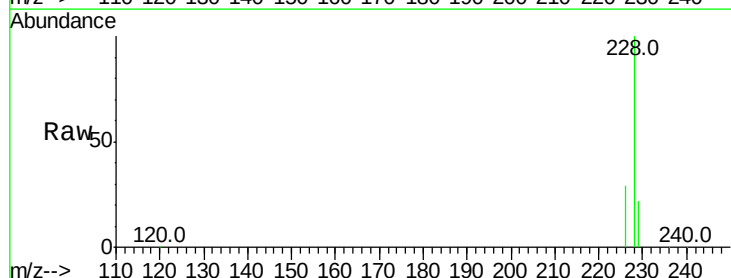
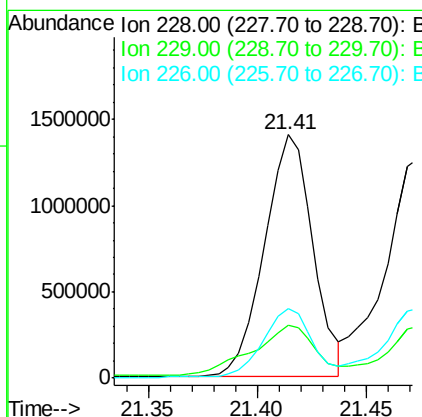
RT: 21.41 min Scan# 3211

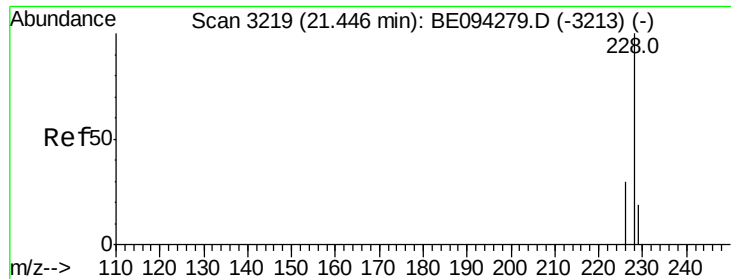
Delta R.T. 0.02 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Tgt Ion:	228	Resp:	2160691
Ion Ratio	Lower	Upper	
228	100		
229	21.6	22.8	34.2#
226	28.7	17.0	25.6#





#19

Chrysene

Concen: 60.374 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.03 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Instrument :

BNA_E

ClientSampleId :

B-70(5-7)-092717

Tot Ion:228 Resp: 2009068

Ion Ratio Lower Upper

228 100

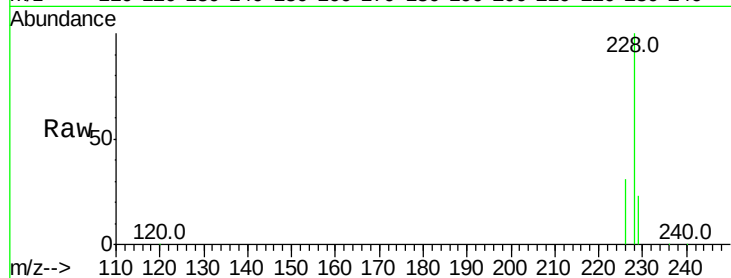
226 31.1 23.4 35.0

229 23.4 17.7 26.5

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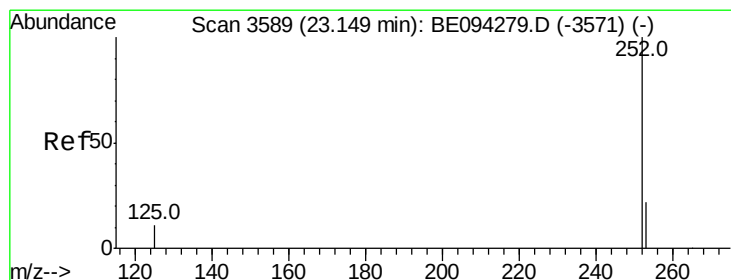
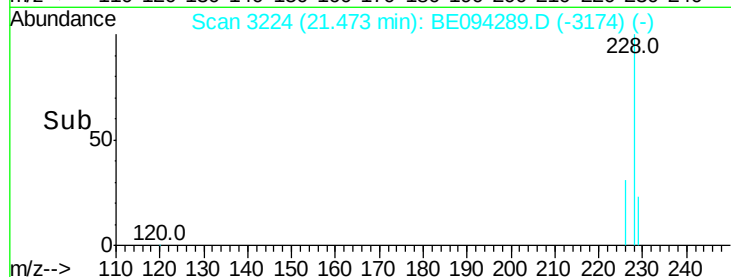
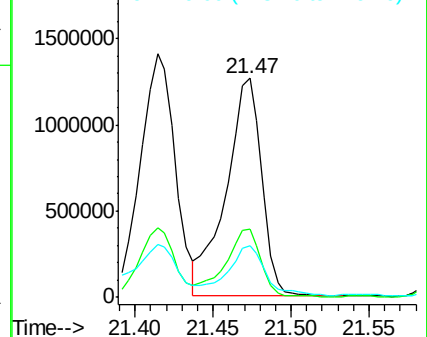
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 45.923 ng/ul

RT: 23.20 min Scan# 3599

Delta R.T. 0.05 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

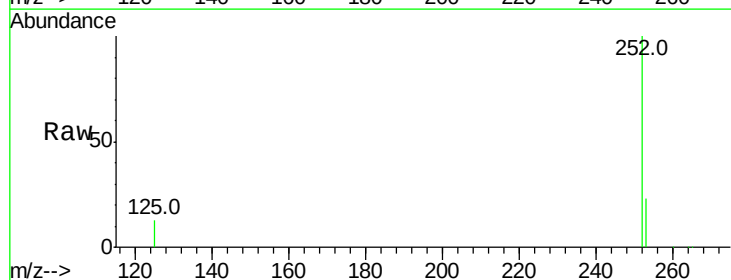
Tgt Ion:252 Resp: 2257235

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

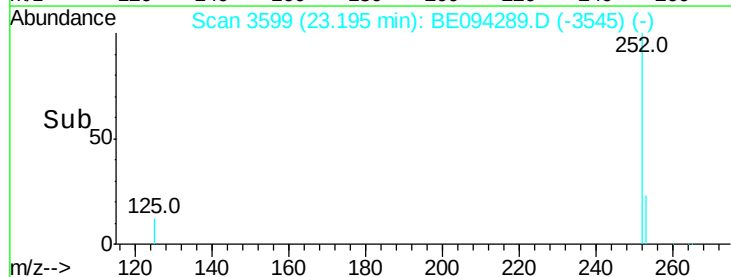
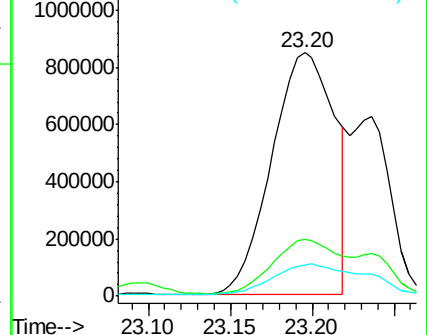
125 12.9 0.0 35.0

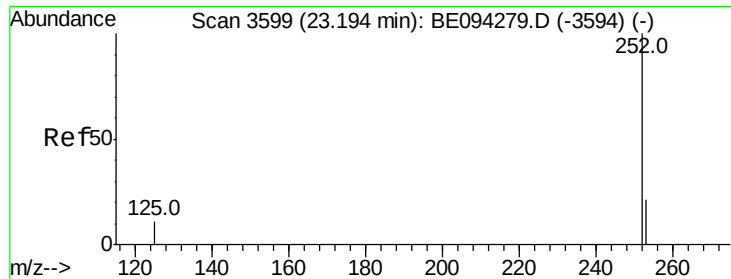


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





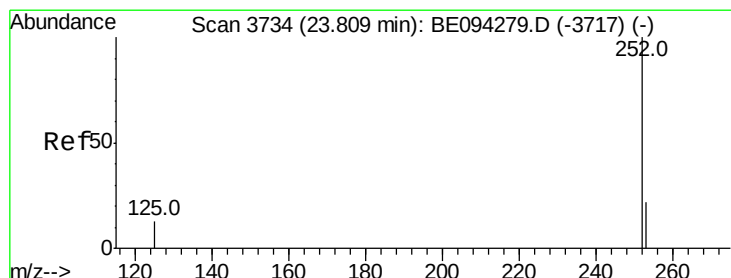
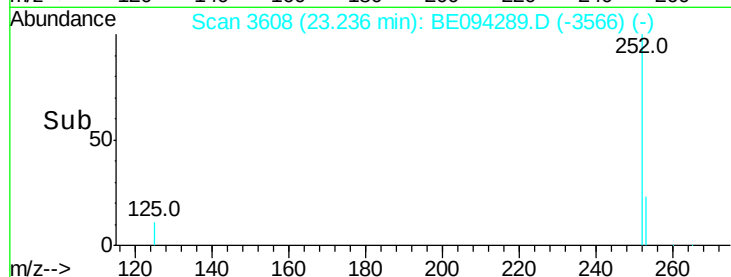
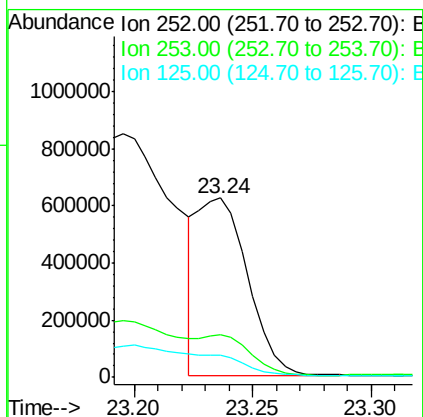
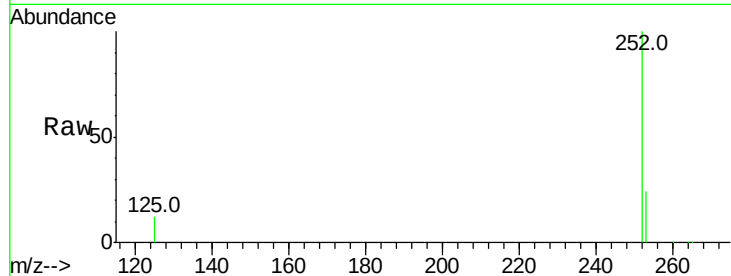
#22
Benzo(k)fluoranthene
Concen: 16.317 ng/ul m
RT: 23.24 min Scan# 3608
Delta R.T. 0.04 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
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Tot Ion:252 Resp: 927020
Ion Ratio Lower Upper
252 100
253 23.8 24.5 36.7#
125 12.4 13.7 20.5#

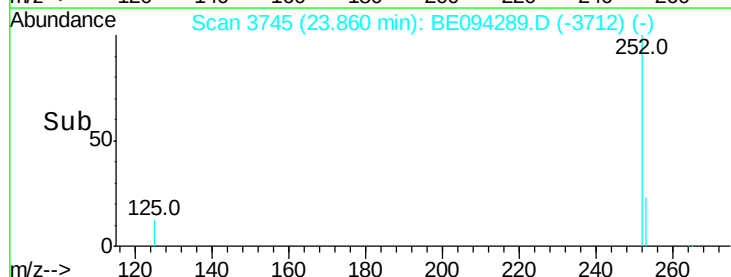
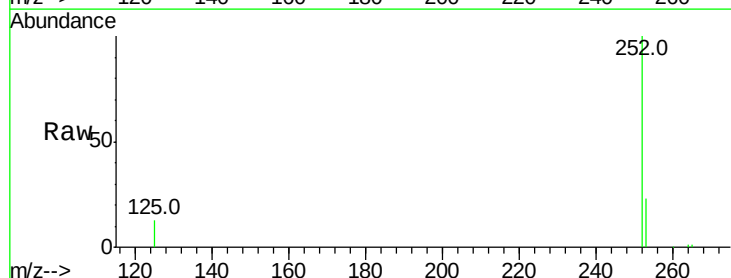
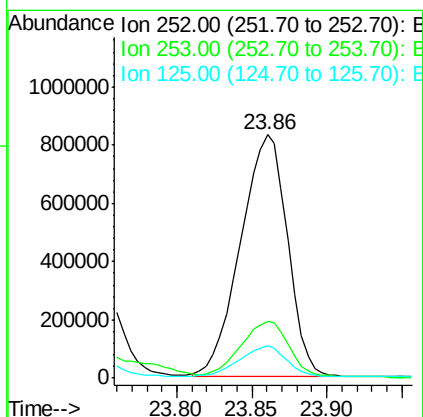
Manual Integrations
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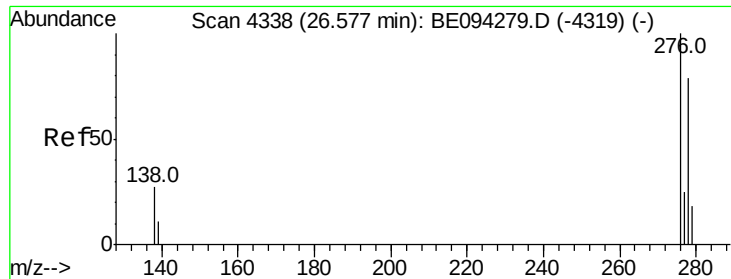
Sohil
10/13/2017 12:05:45 PM



#23
Benzo(a)pyrene
Concen: 35.431 ng/ul m
RT: 23.86 min Scan# 3745
Delta R.T. 0.05 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion:252 Resp: 1809696
Ion Ratio Lower Upper
252 100
253 23.4 28.5 42.7#
125 13.2 18.1 27.1#





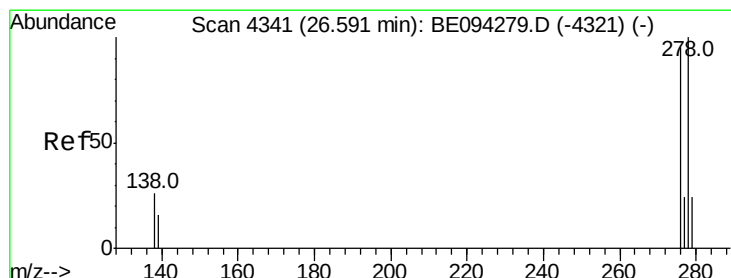
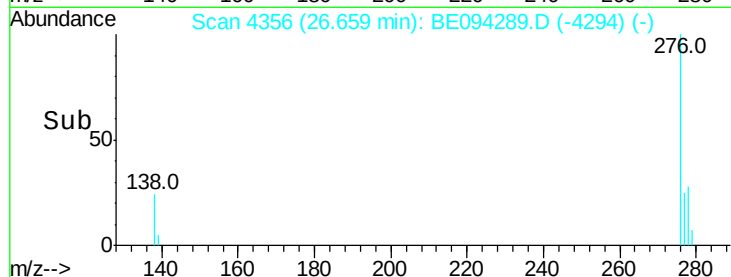
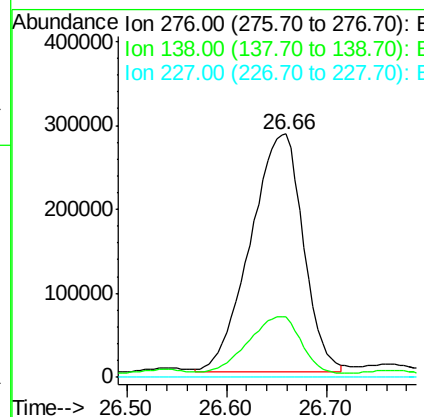
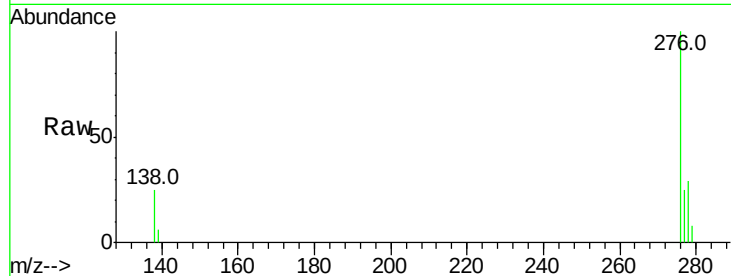
#24
Indeno(1,2,3-cd)pyrene
Concen: 19.883 ng/ul m
RT: 26.66 min Scan# 4356
Delta R.T. 0.08 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :
B-70(5-7)-092717

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

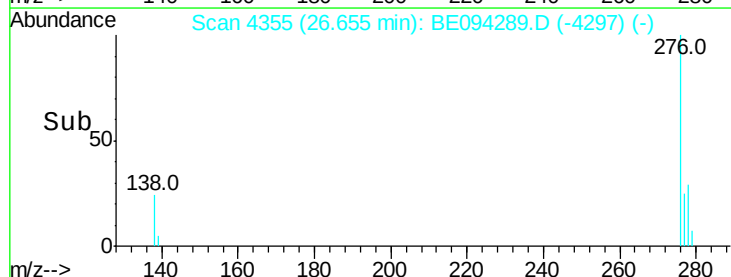
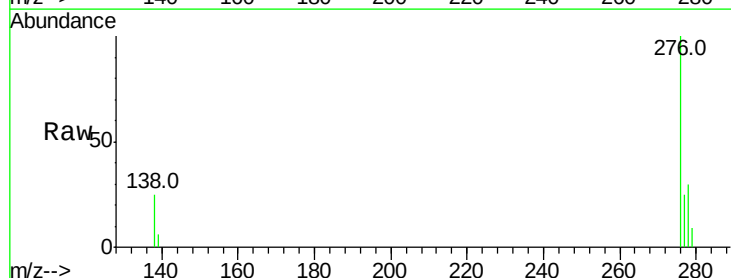
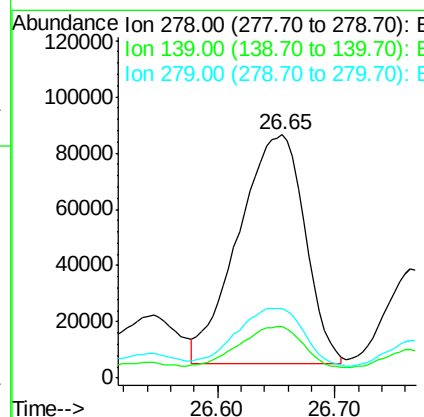
Manual Integrations
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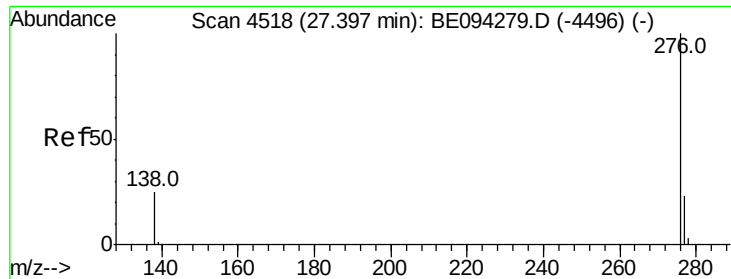
Sohil
10/13/2017 12:05:45 PM



#25
Dibenzo(a,h)anthracene
Concen: 7.326 ng/ul m
RT: 26.65 min Scan# 4355
Delta R.T. 0.06 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	17.4	26.0
279	28.7	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 17.350 ng/ul m

RT: 27.48 min Scan# 4536

Delta R.T. 0.08 min

Lab File: BE094289.D

Acq: 11 Oct 2017 21:06

Instrument :

BNA_E

ClientSampleId :

B-70(5-7)-092717

Tot Ion:	276	Resp:	781908
Ion Ratio	Lower	Upper	
276	100		
138	25.4	21.8	32.8
277	25.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:45 PM

