

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094290.D
 Acq On : 11 Oct 2017 21:42
 Operator : SJ/JU
 Sample : I5490-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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 10/13/2017 12:05:46 PM

Quant Time: Oct 12 19:30:47 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	7.91	152	1806	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9105	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5065	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10531	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10447	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	10928	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	824	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1831	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	21983	0.986	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	11244	0.777	ng/ul	98
7) Acenaphthylene	14.24	152	2621	0.133	ng/ul#	84
8) Acenaphthene	14.58	153	26294	1.617	ng/ul	97
9) Fluorene	15.57	166	41352	2.172	ng/ul#	93
12) Phenanthrene	17.29	178	631714	22.955	ng/ul#	88
13) Anthracene	17.38	178	181801	6.793	ng/ul#	89
15) Fluoranthene	19.31	202	831957	23.008	ng/ul	84
17) Pyrene	19.67	202	727213	25.018	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	473653	17.090	ng/ul#	87
19) Chrysene	21.46	228	419492	13.107	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	541389m	18.237	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	177478m	5.172	ng/ul	
23) Benzo(a)pyrene	23.83	252	380919	12.348	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	214255	6.790	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	62704	2.369	ng/ul	95
26) Benzo(a,h,i)perylene	27.44	276	167719	6.162	ng/ul	99

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

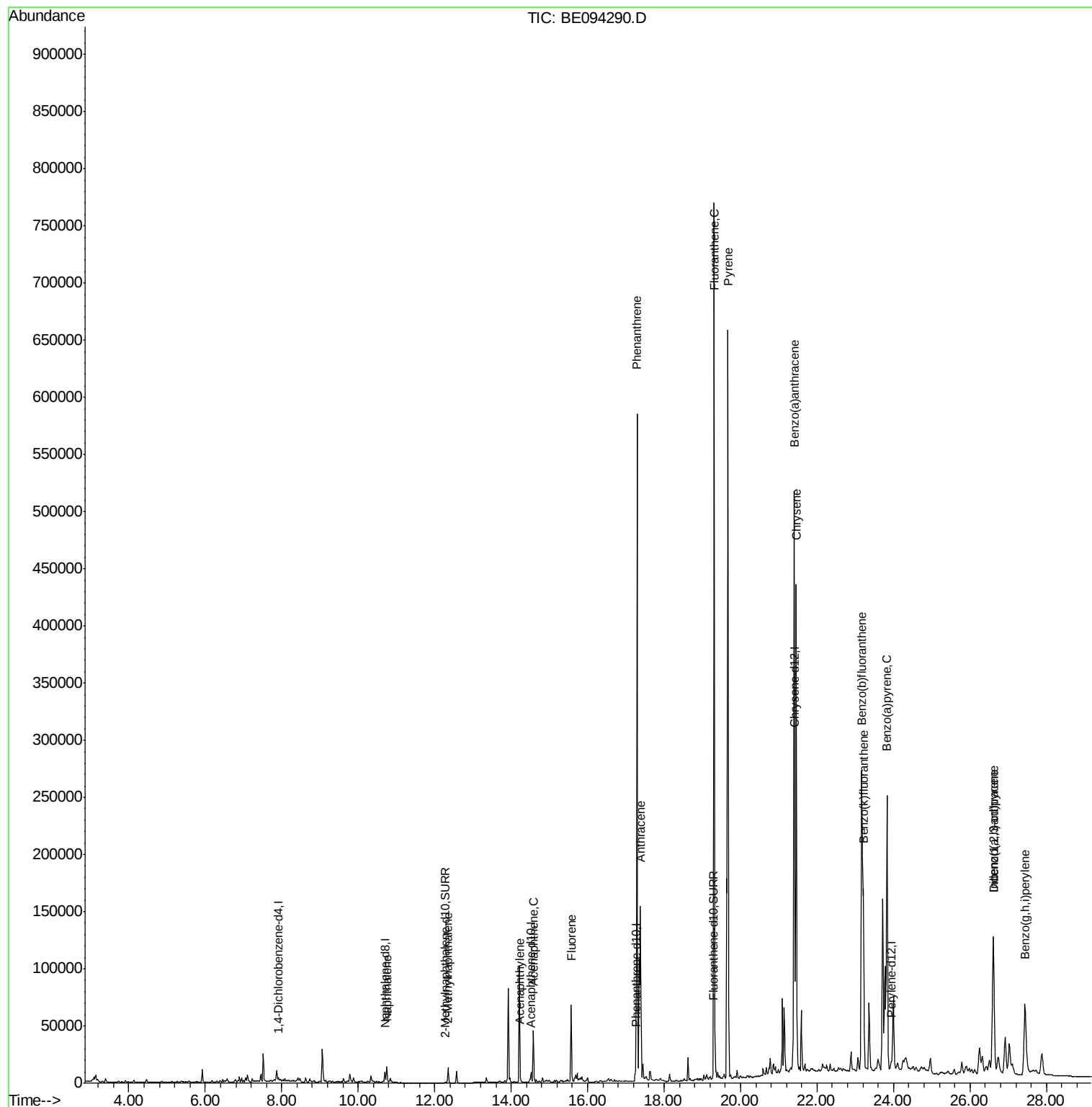
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094290.D
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ALS Vial : 14 Sample Multiplier: 1

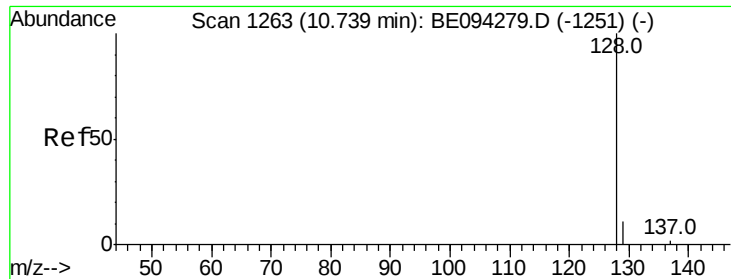
Instrument :
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B-70(5-7)-092717DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.986 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Instrument :

BNA_E

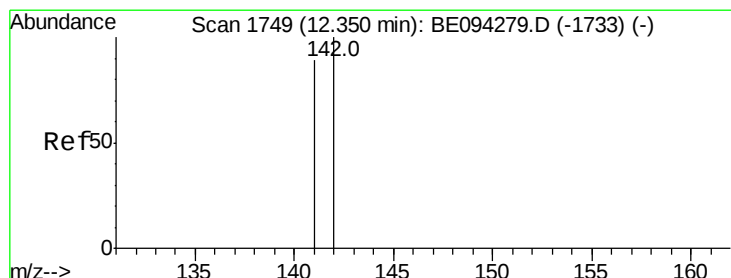
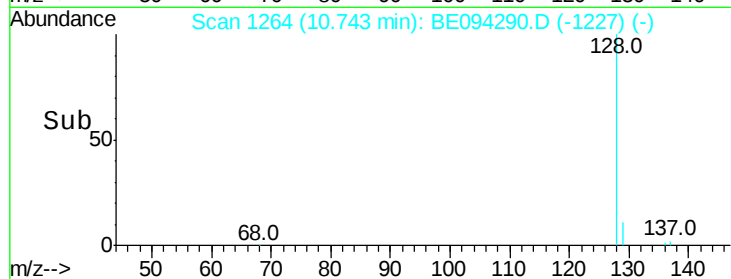
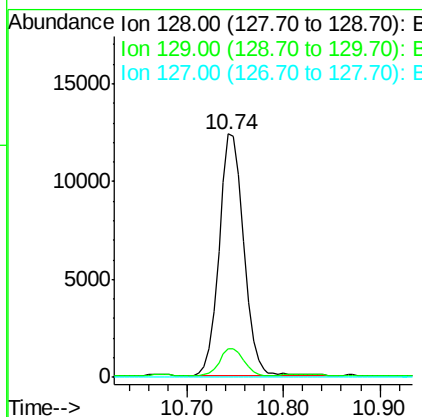
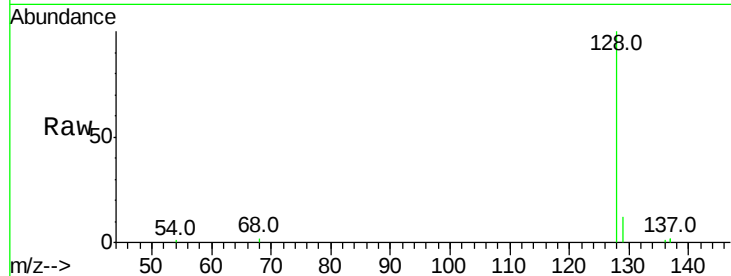
ClientSampleId :

B-70(5-7)-092717DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.777 ng/ul

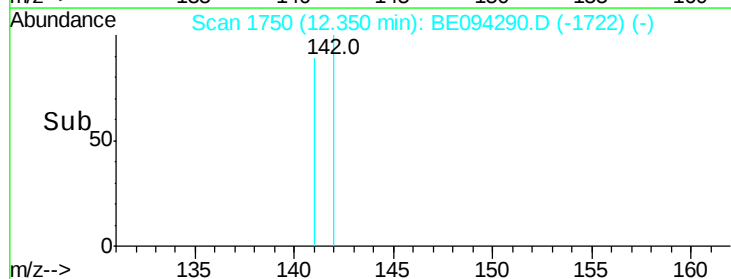
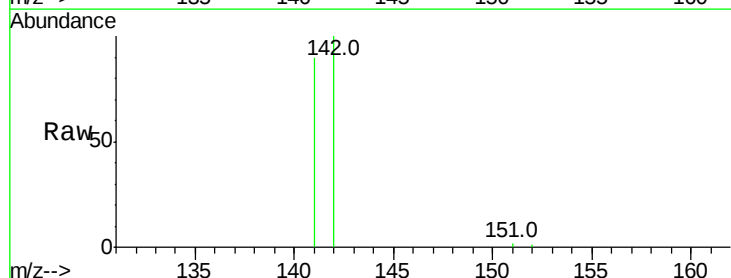
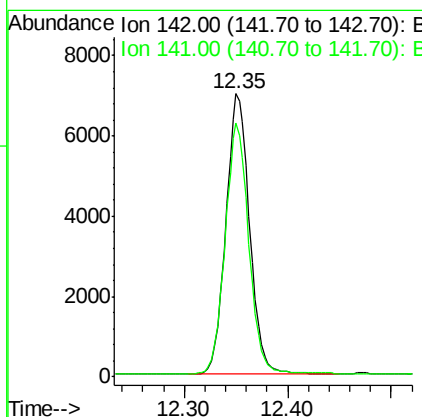
RT: 12.35 min Scan# 1750

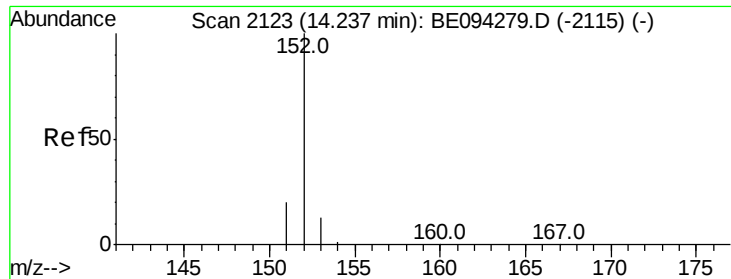
Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.133 ng/ul

RT: 14.24 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Instrument :

BNA_E

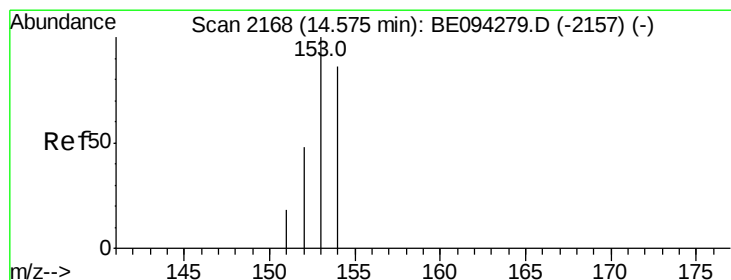
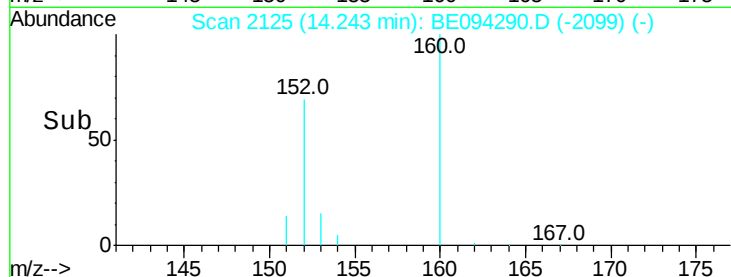
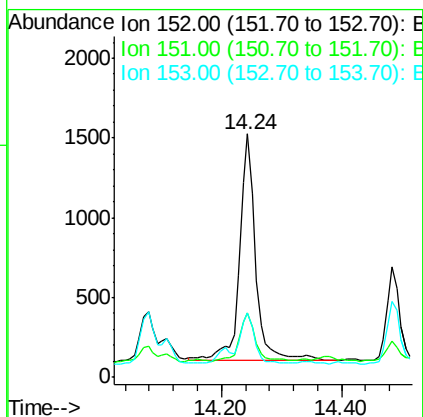
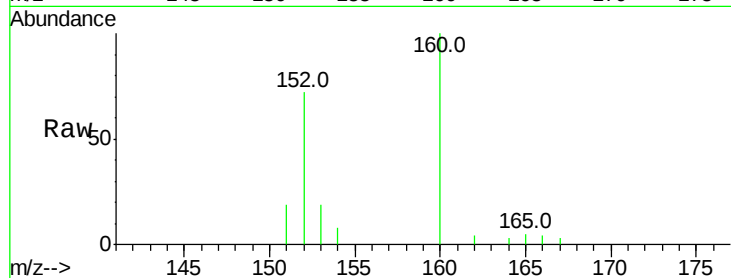
ClientSampleId :

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Tot Ion:	152	Resp:	2621
Ion Ratio	Lower	Upper	
152	100		
151	26.4	17.1	25.7#
153	26.2	12.8	19.2#

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#8

Acenaphthene

Concen: 1.617 ng/ul

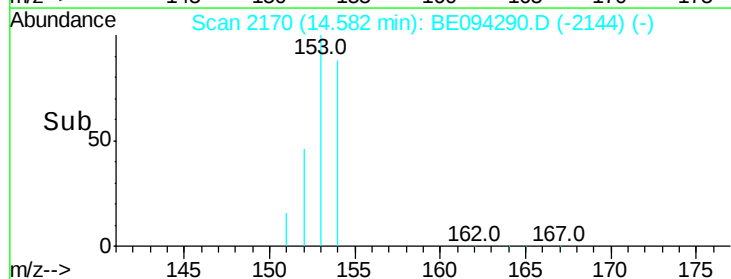
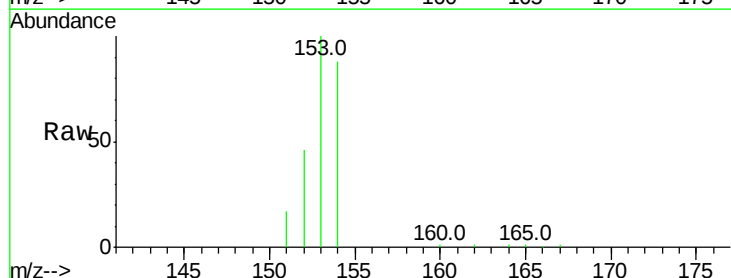
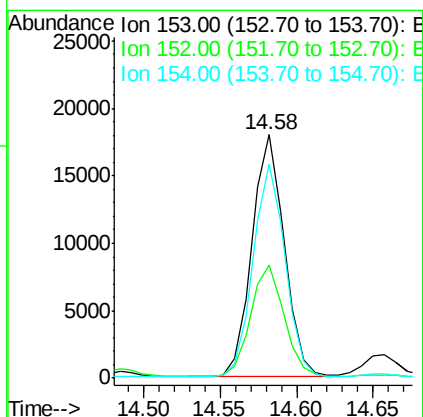
RT: 14.58 min Scan# 2170

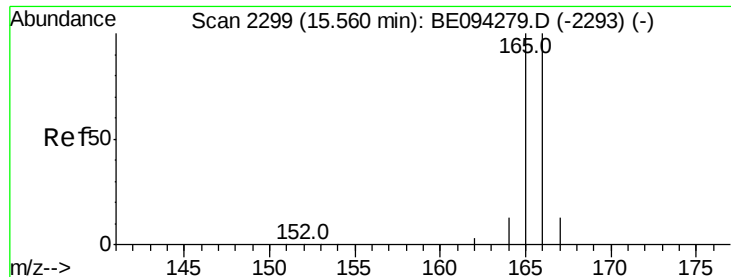
Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Tgt Ion:	153	Resp:	26294
Ion Ratio	Lower	Upper	
153	100		
152	46.3	40.3	60.5
154	87.9	71.4	107.2





#9

Fluorene

Concen: 2.172 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Instrument :

BNA_E

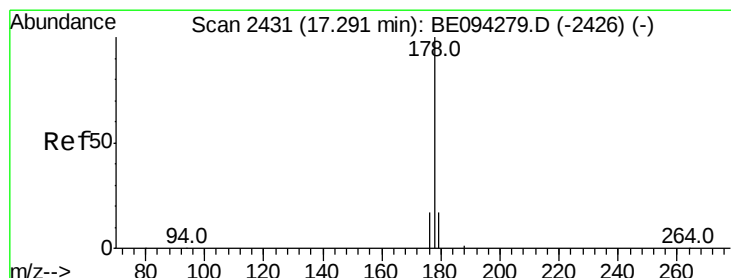
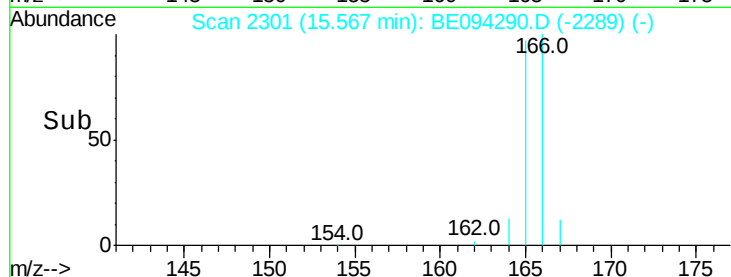
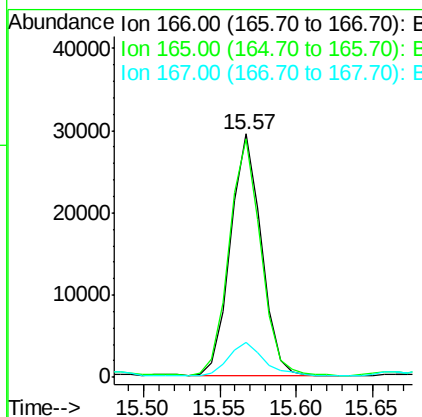
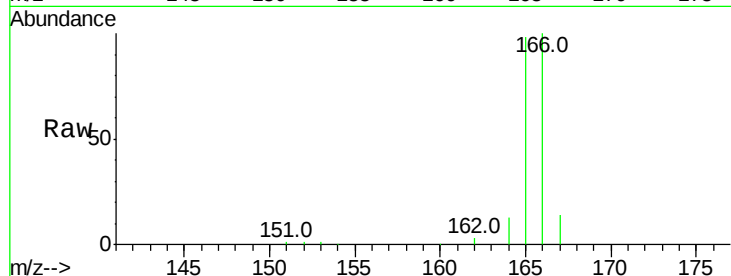
ClientSampleId :

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Tot Ion:	166	Resp:	41352
Ion Ratio	Lower	Upper	
166	100		
165	97.9	73.4	110.2
167	14.2	14.6	22.0#

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#12

Phenanthrene

Concen: 22.955 ng/ul

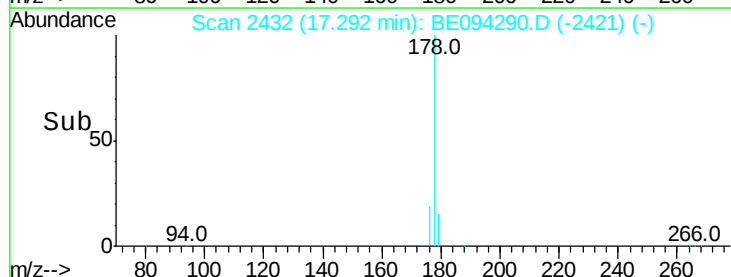
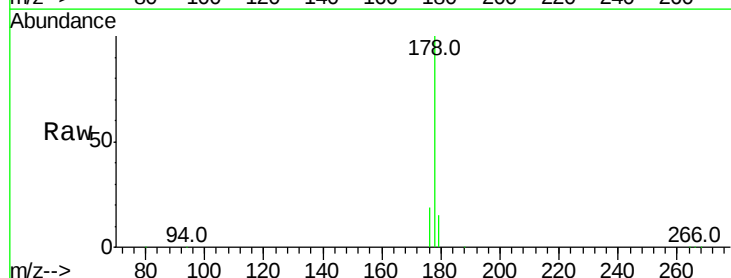
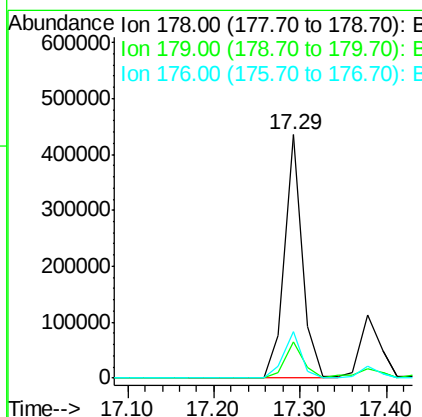
RT: 17.29 min Scan# 2432

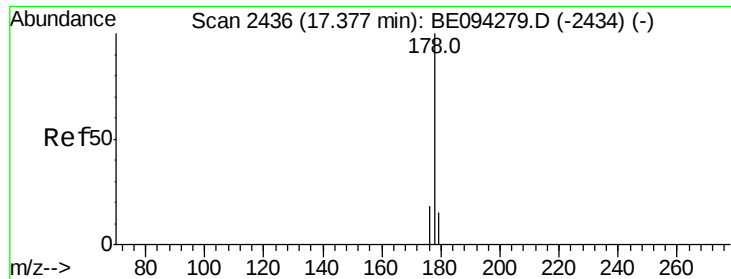
Delta R.T. -0.02 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Tgt Ion:	178	Resp:	631714
Ion Ratio	Lower	Upper	
178	100		
179	15.0	18.4	27.6#
176	19.3	13.6	20.4





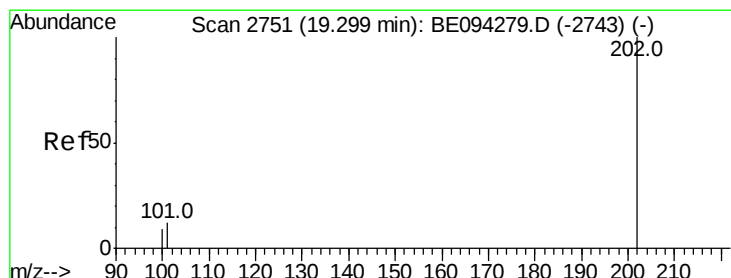
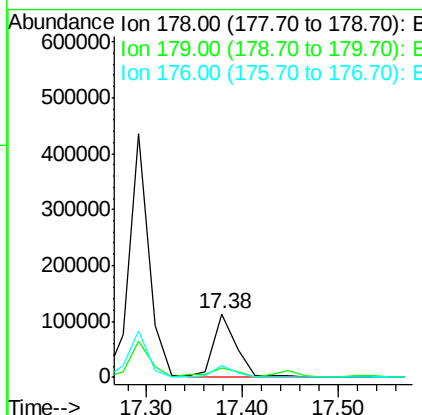
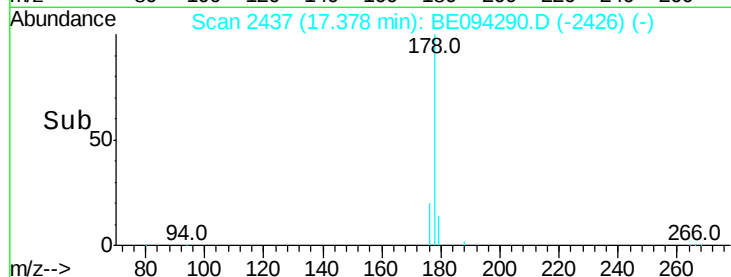
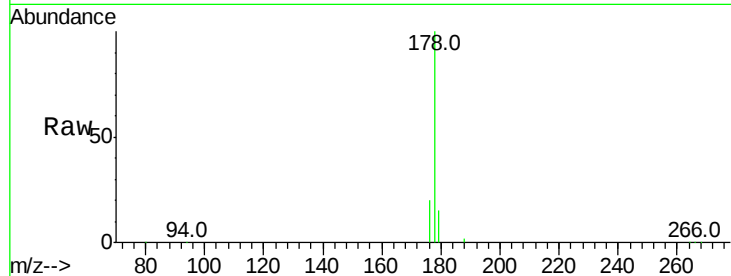
#13
 Anthracene
 Concen: 6.793 ng/ul
 RT: 17.38 min Scan# 2437
 Delta R.T. -0.02 min
 Lab File: BE094290.D
 Acq: 11 Oct 2017 21:42

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

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.1	27.1#
176	19.7	14.7	22.1

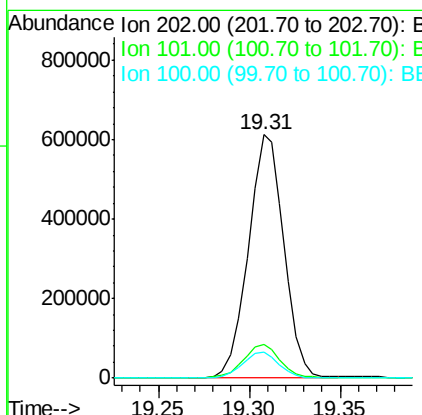
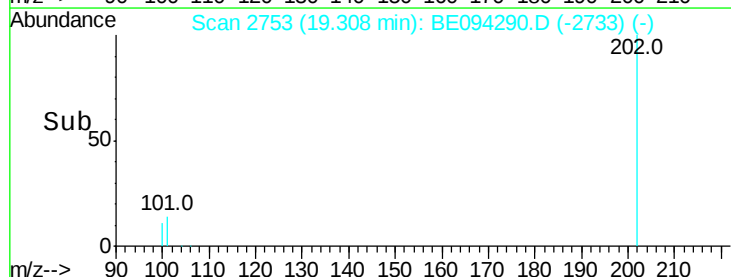
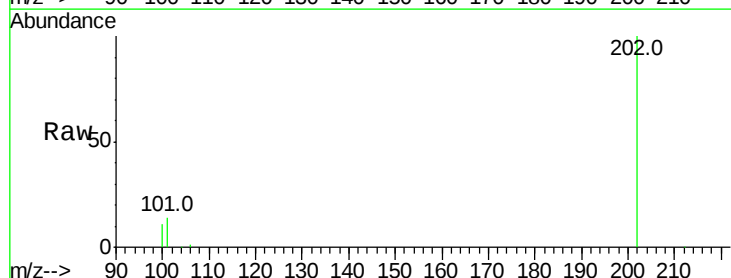
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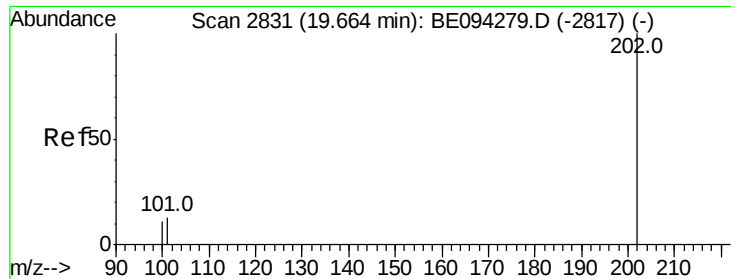
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#15
 Fluoranthene
 Concen: 23.008 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094290.D
 Acq: 11 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.3
100	10.9	0.0	39.5





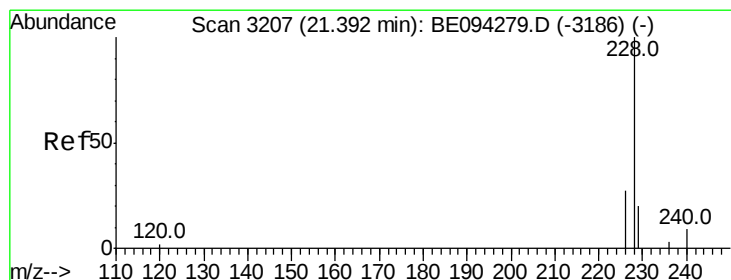
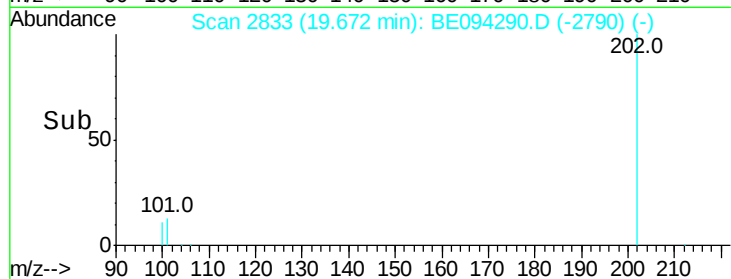
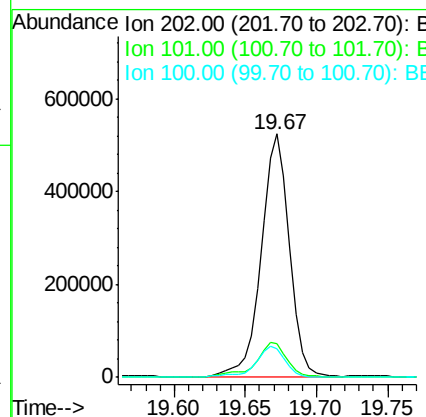
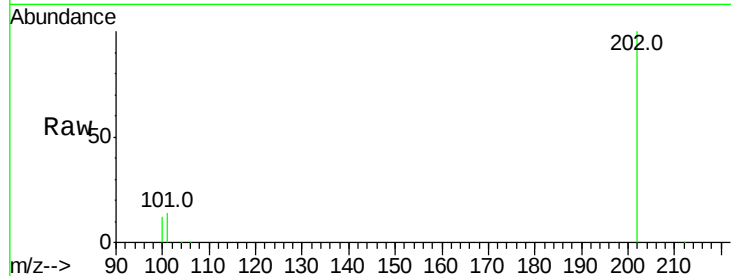
#17
Pvrene
Concen: 25.018 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.5	15.6	23.4#

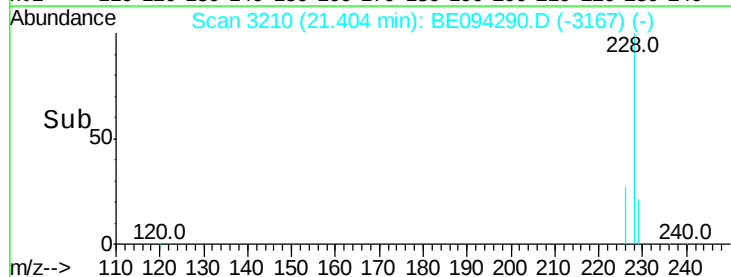
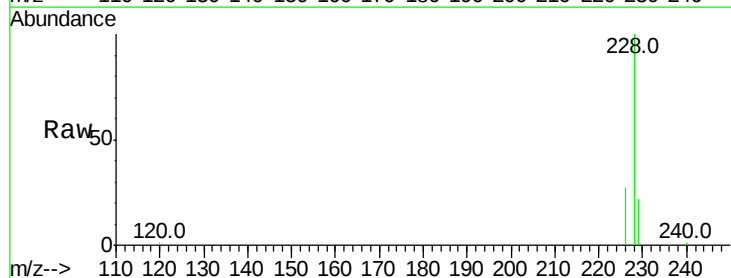
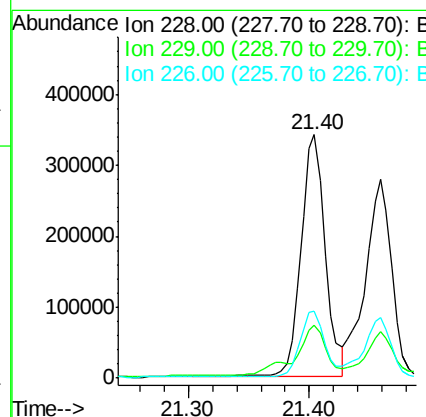
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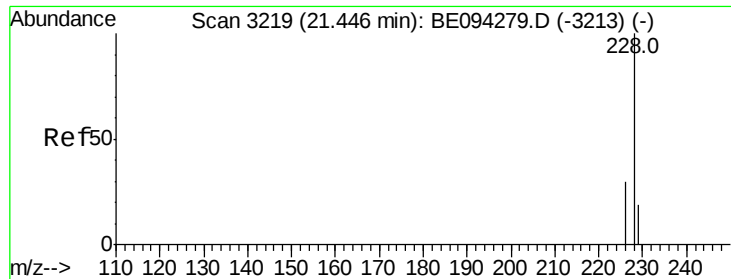
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#18
Benzo(a)anthracene
Concen: 17.090 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	27.4	17.0	25.6#





#19

Chrysene

Concen: 13.107 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Instrument :

BNA_E

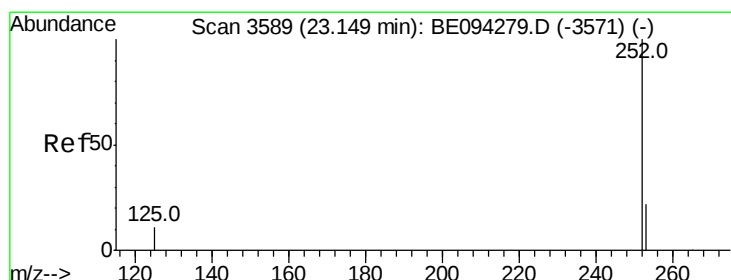
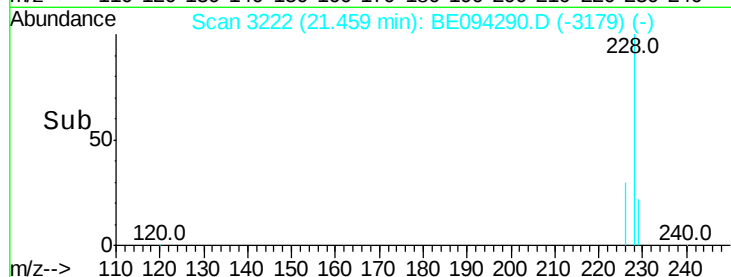
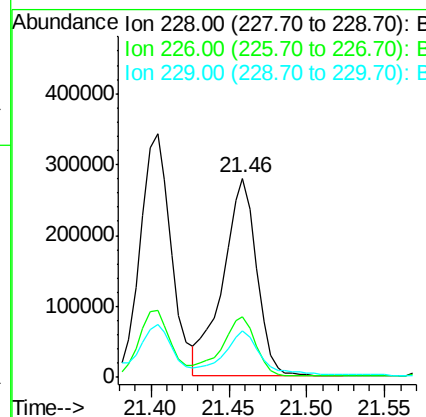
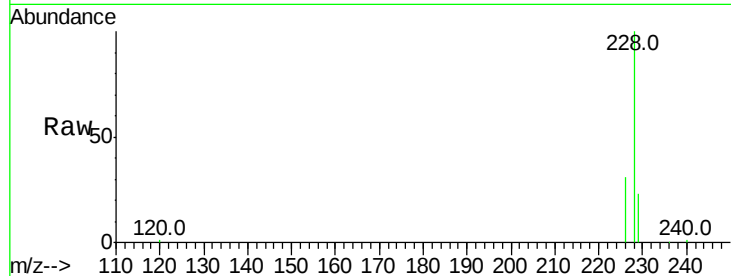
ClientSampleId :

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Tot Ion:	228	Resp:	419492
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	23.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 18.237 ng/ul m

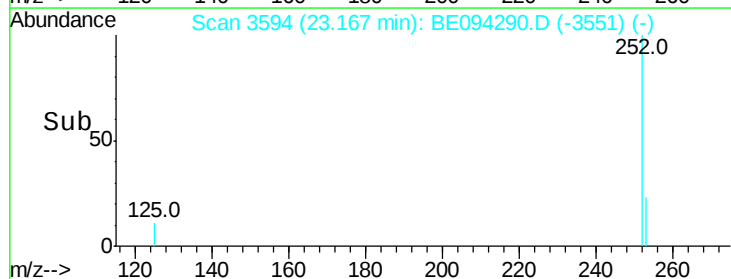
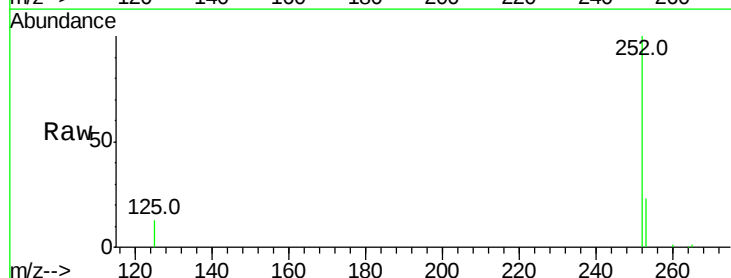
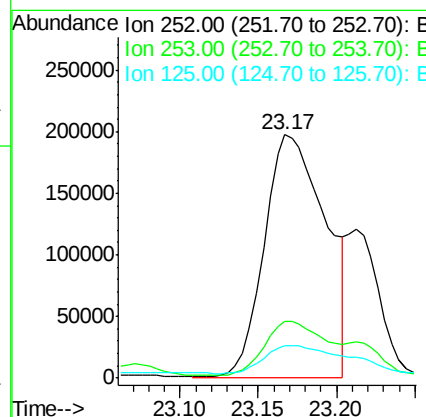
RT: 23.17 min Scan# 3594

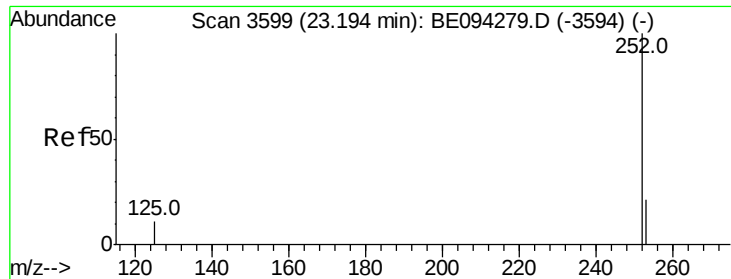
Delta R.T. -0.01 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Tgt Ion:	252	Resp:	541389
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	64.2
125	13.3	0.0	35.0





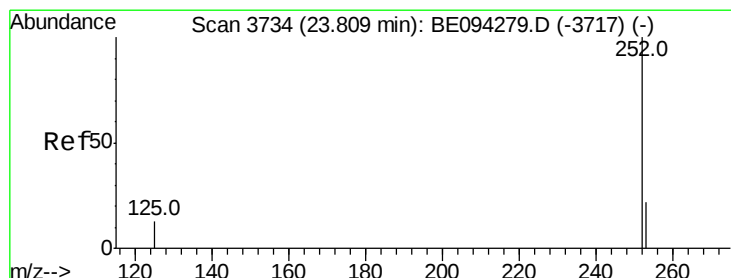
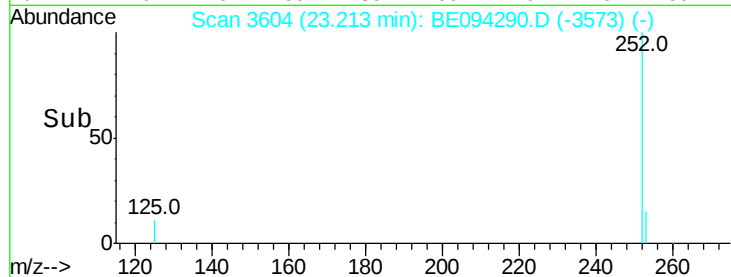
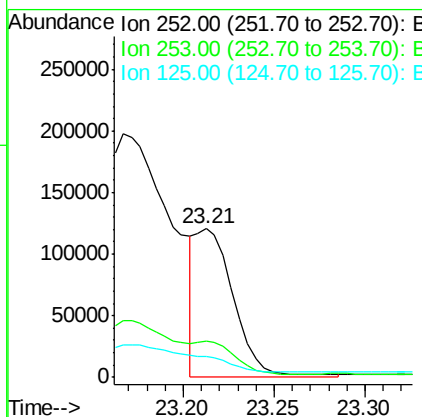
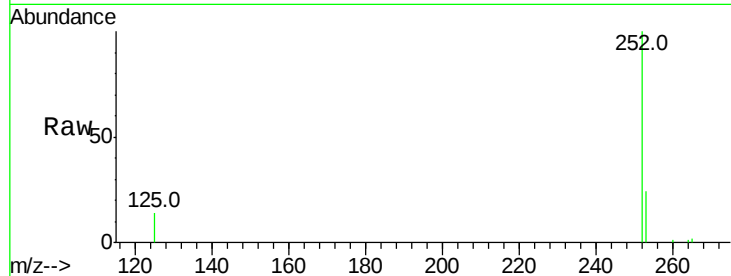
#22
Benzo(k)fluoranthene
Concen: 5.172 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	14.3	13.7	20.5

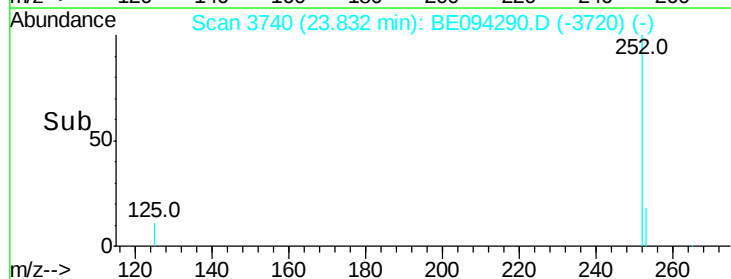
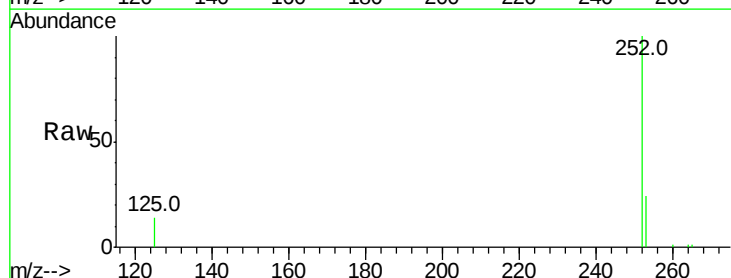
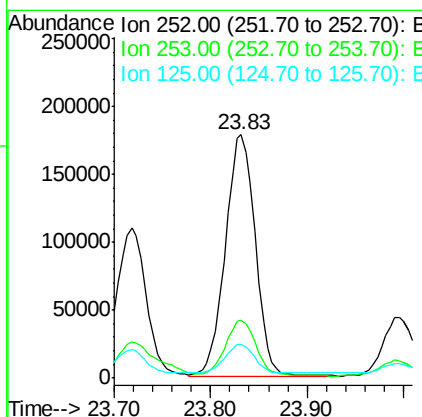
Manual Integrations
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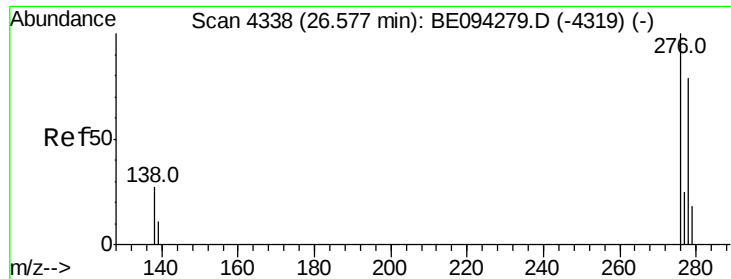
Sohil
10/13/2017 12:05:46 PM



#23
Benzo(a)pyrene
Concen: 12.348 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BE094290.D
Acq: 11 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	13.8	18.1	27.1#





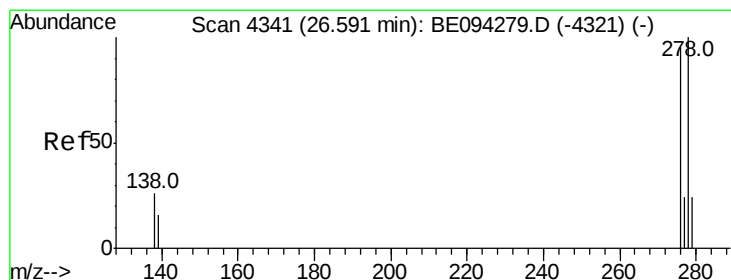
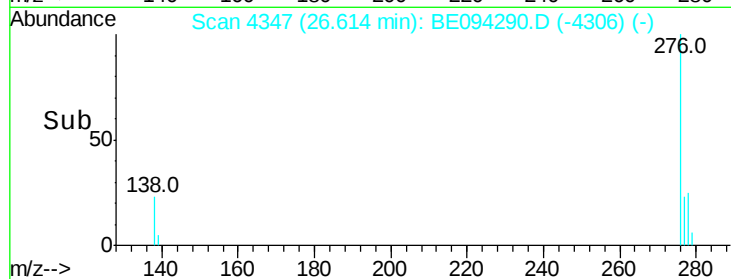
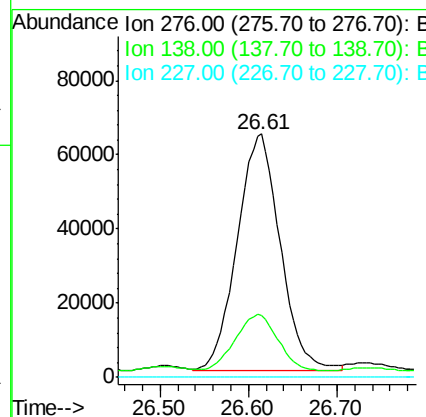
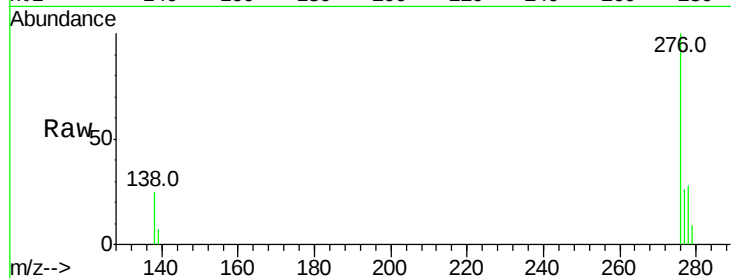
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.790 ng/ul
 RT: 26.61 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: BE094290.D
 Acq: 11 Oct 2017 21:42

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

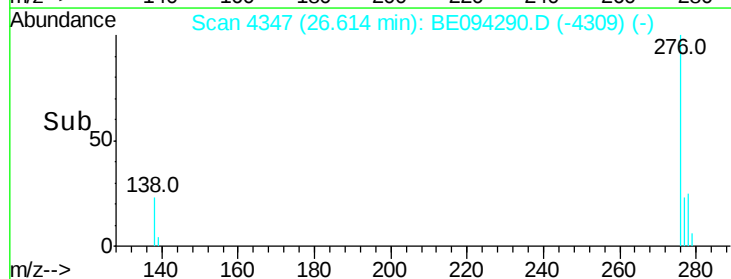
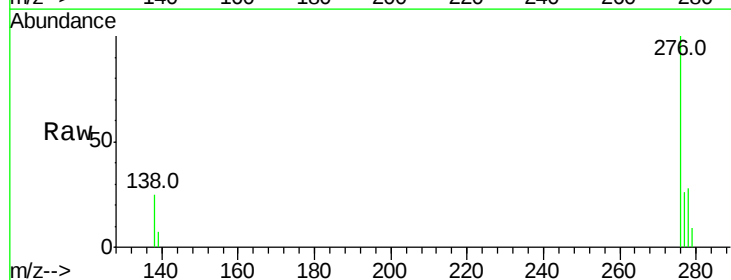
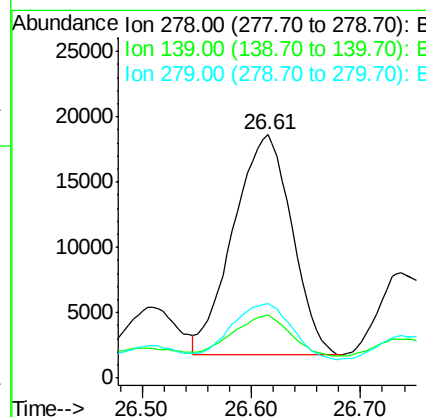
Manual Integrations
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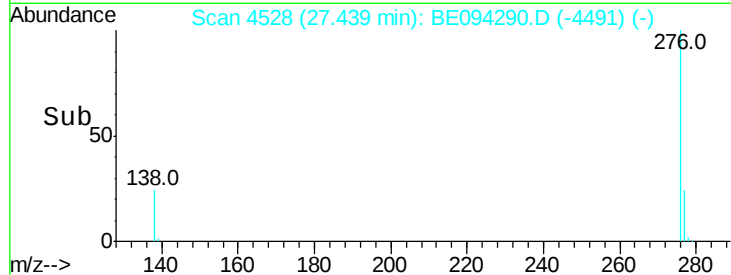
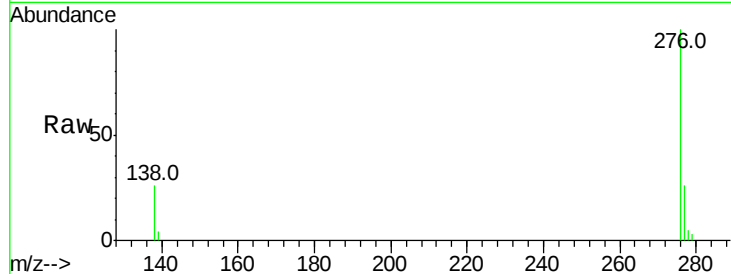
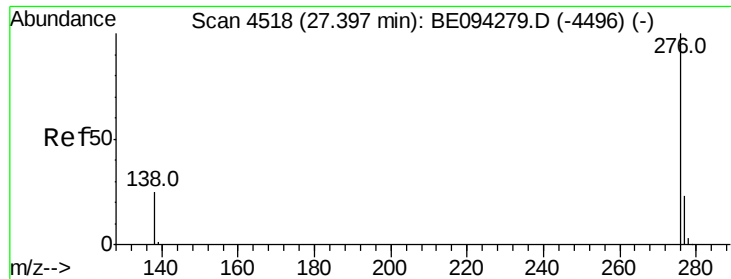
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.369 ng/ul
 RT: 26.61 min Scan# 4347
 Delta R.T. -0.03 min
 Lab File: BE094290.D
 Acq: 11 Oct 2017 21:42

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	25.7	17.4	26.0
279	30.8	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 6.162 ng/ul

RT: 27.44 min Scan# 4528

Delta R.T. -0.03 min

Lab File: BE094290.D

Acq: 11 Oct 2017 21:42

Instrument :

BNA_E

ClientSampleId :

B-70(5-7)-092717DL

Tot Ion:	276	Resp:	167719
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.8
277	25.9	20.5	30.7

Manual Integrations
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