

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093266.D
 Acq On : 20 Jun 2017 00:43
 Operator : SJ/MA
 Sample : I3600-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A18

Manual Integrations
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Quant Time: Jun 20 09:22:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2576	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13231	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	8401	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20502m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20271	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	15865m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7118	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	20825	0.37	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	559	0.017	ng/ul#	71
7) Acenaphthylene	14.09	152	7035	0.195	ng/ul	97
8) Acenaphthene	14.43	153	660	0.023	ng/ul	98
12) Phenanthrene	17.14	178	1819	0.032	ng/ul#	92
13) Anthracene	17.22	178	20164	0.411	ng/ul#	87
15) Fluoranthene	19.15	202	11151	0.161	ng/ul	84
17) Pyrene	19.52	202	34925	0.584	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	14214	0.263	ng/ul#	84
19) Chrysene	21.29	228	22853	0.407	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	53031	1.101	ng/ul	89
22) Benzo(k)fluoranthene	22.98	252	16634m	0.325	ng/ul	
23) Benzo(a)pyrene	23.56	252	24215m	0.532	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	16953m	0.322	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	4726m	0.106	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	14644	0.324	ng/ul	94

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

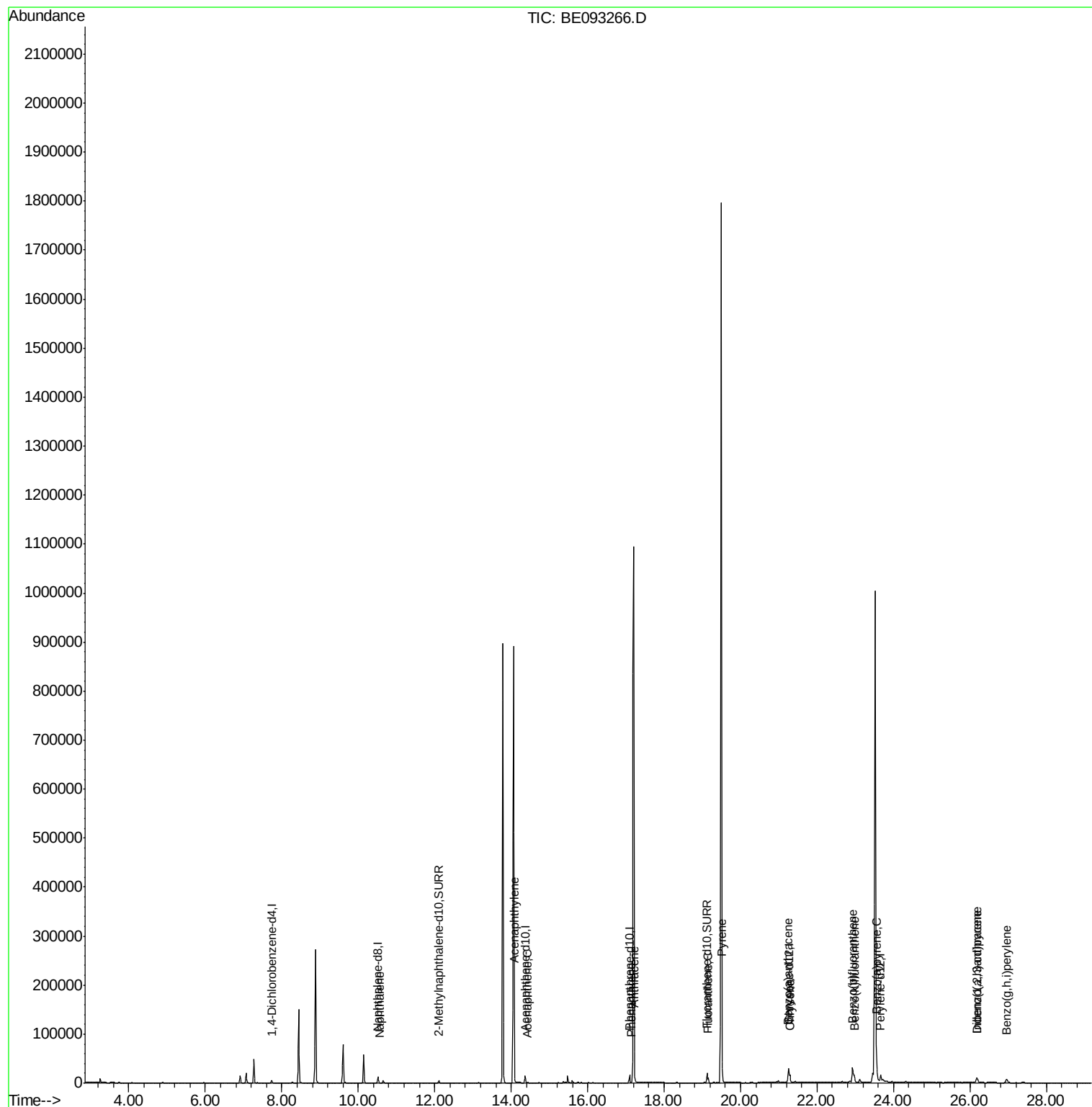
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093266.D
Acq On : 20 Jun 2017 00:43
Operator : SJ/MA
Sample : I3600-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

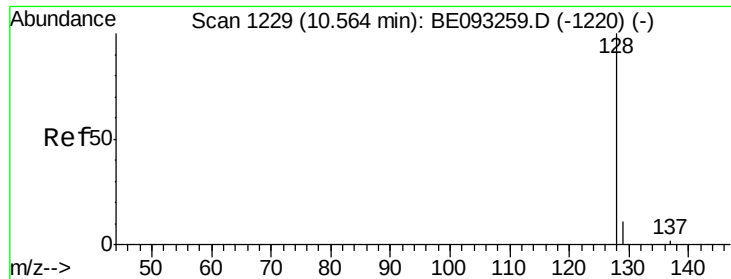
Instrument :
BNA_E
ClientSampleId :
F5A18

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.017 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Instrument :

BNA_E

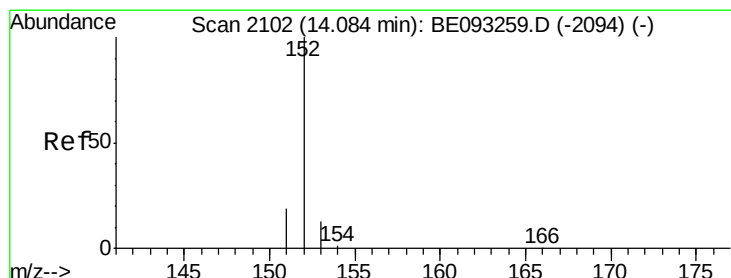
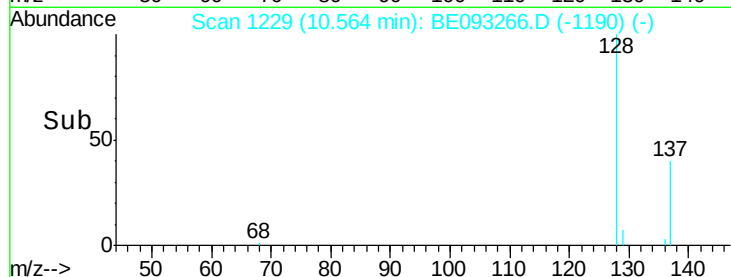
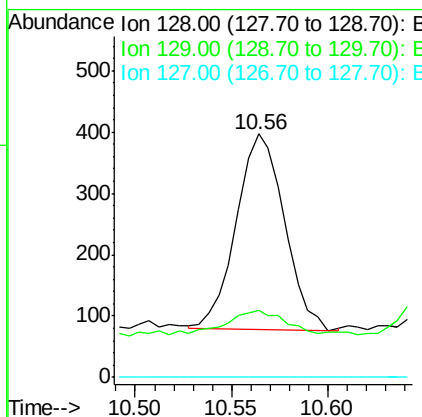
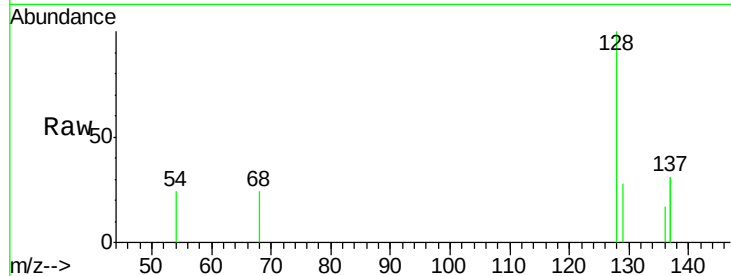
ClientSampled :

F5A18

Tgt Ion:	128	Resp:	559
Ion Ratio	Lower	Upper	
128	100		
129	27.7	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.195 ng/ul

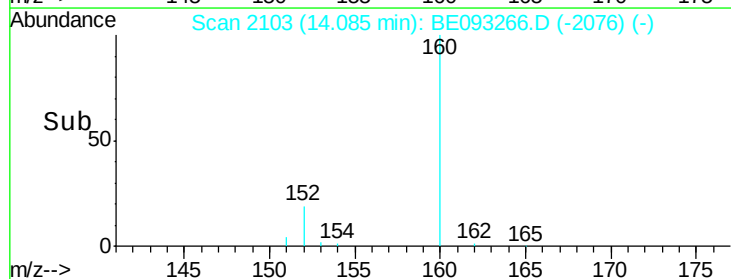
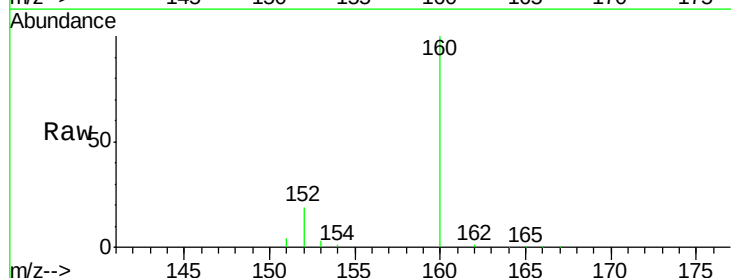
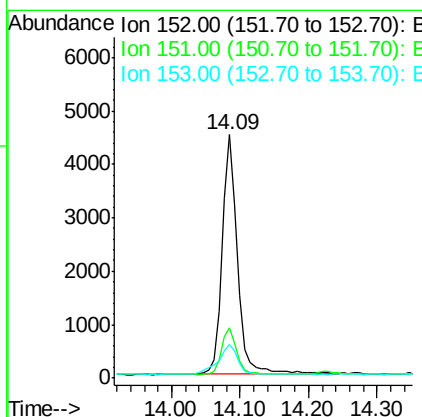
RT: 14.09 min Scan# 2103

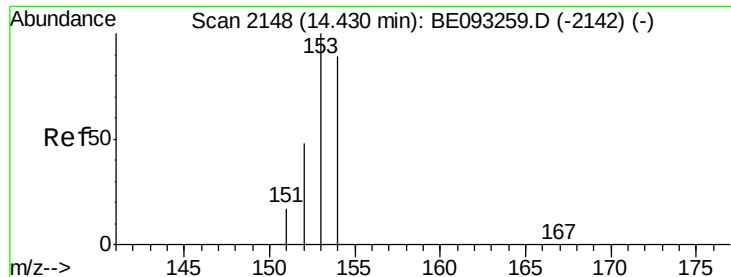
Delta R.T. 0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Tgt Ion:	152	Resp:	7035
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	13.8	12.8	19.2





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Instrument :

BNA_E

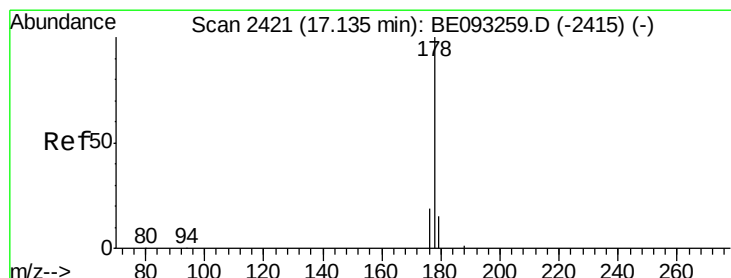
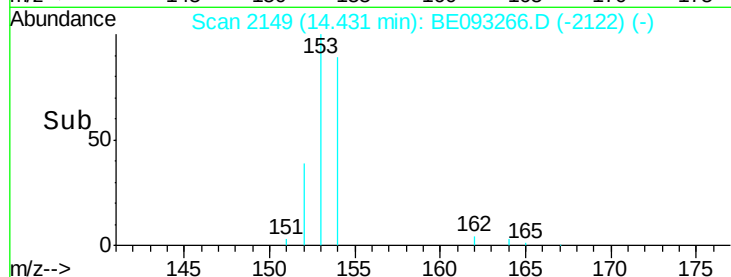
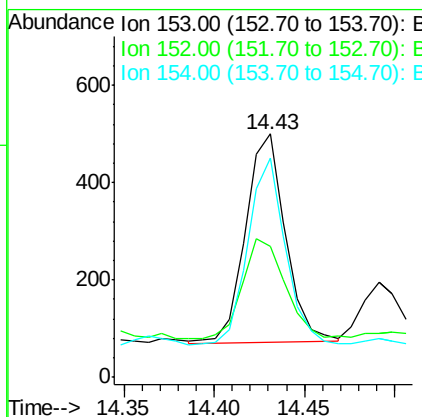
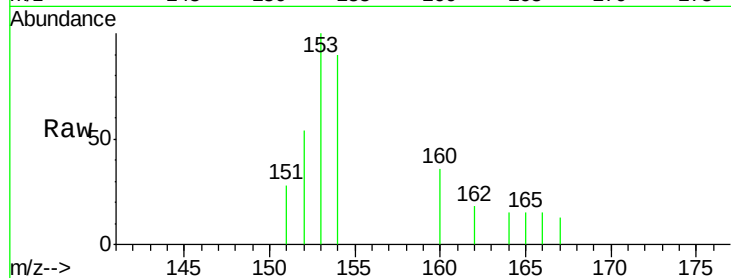
ClientSampleId :

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Tgt Ion:	153	Resp:	660
Ion	Ratio	Lower	Upper
153	100		
152	54.0	40.3	60.5
154	90.2	71.4	107.2

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#12

Phenanthrene

Concen: 0.032 ng/ul

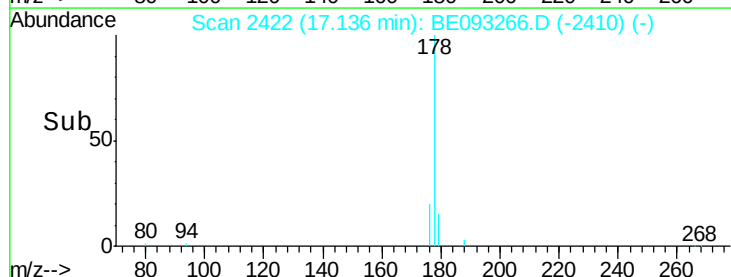
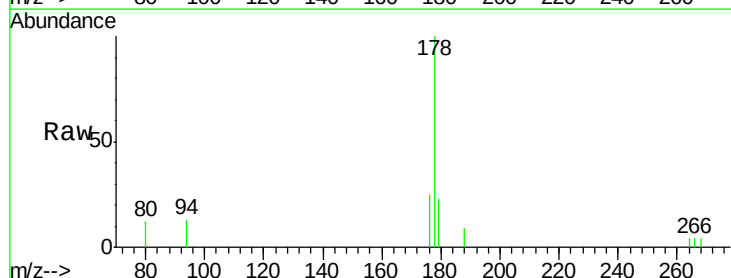
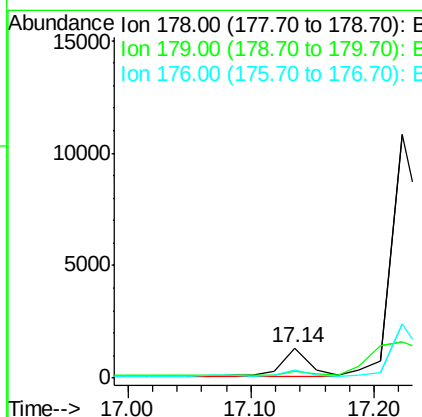
RT: 17.14 min Scan# 2422

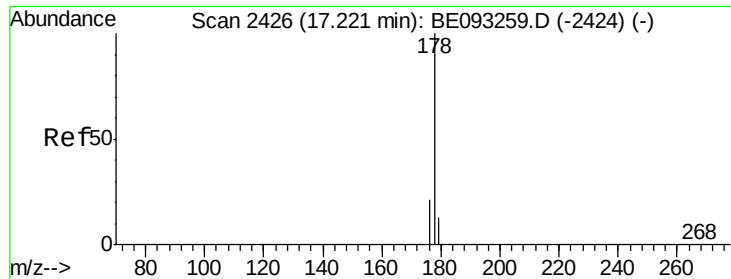
Delta R.T. 0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Tgt Ion:	178	Resp:	1819
Ion	Ratio	Lower	Upper
178	100		
179	23.1	18.4	27.6
176	25.2	13.6	20.4#





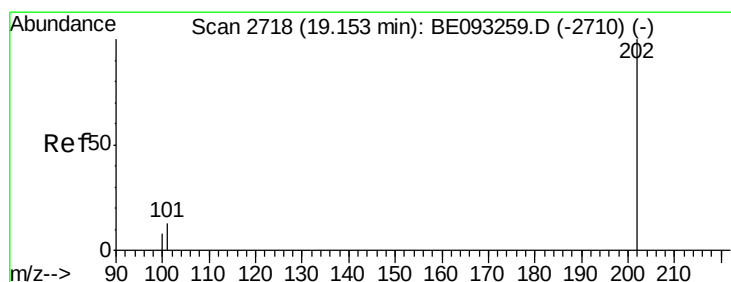
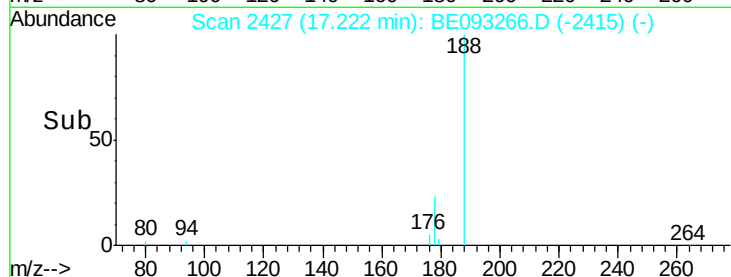
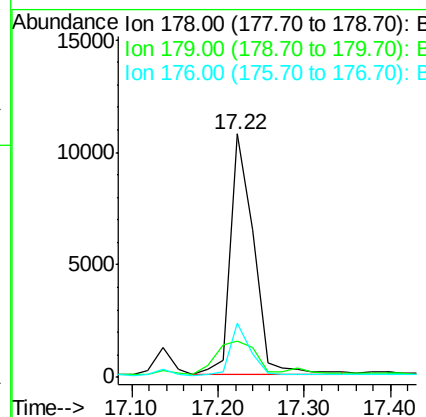
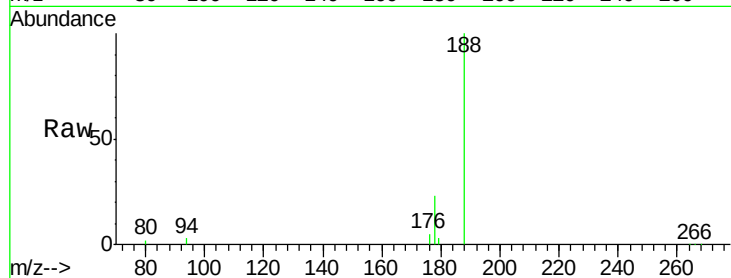
#13
 Anthracene
 Concen: 0.411 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093266.D
 Acq: 20 Jun 2017 00:43

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.1	27.1#
176	22.0	14.7	22.1

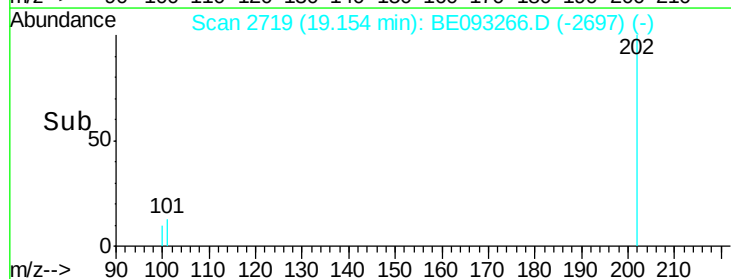
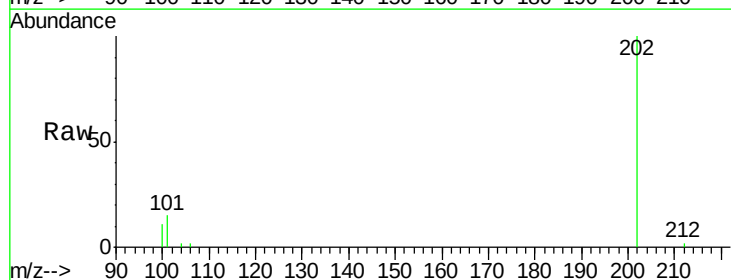
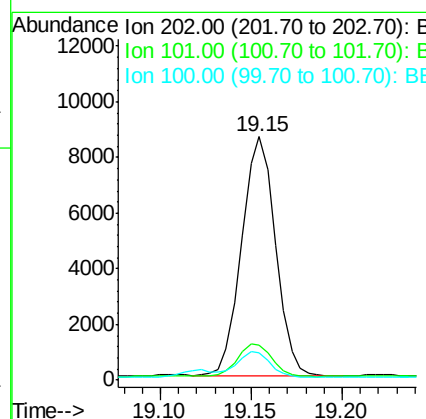
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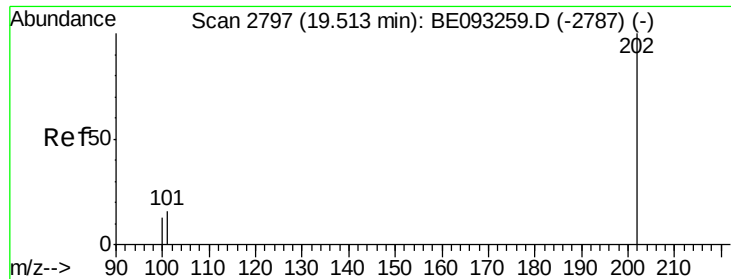
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#15
 Fluoranthene
 Concen: 0.161 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093266.D
 Acq: 20 Jun 2017 00:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	30.3
100	11.1	0.0	39.5





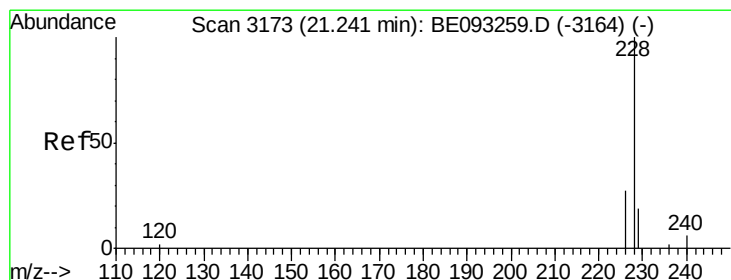
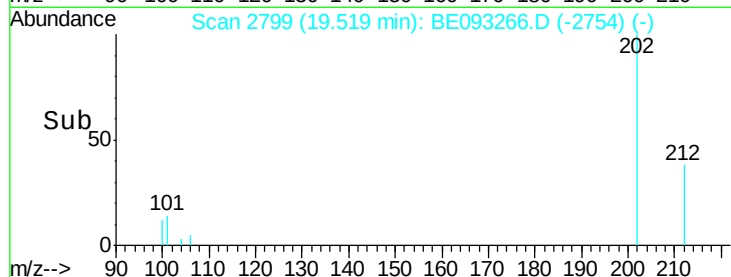
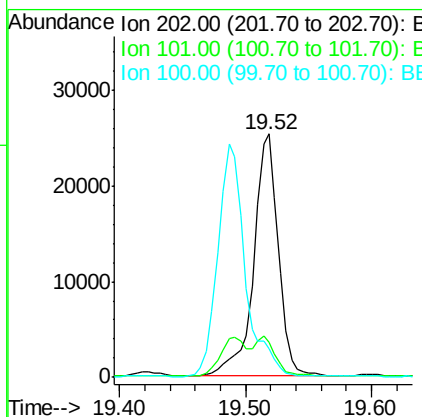
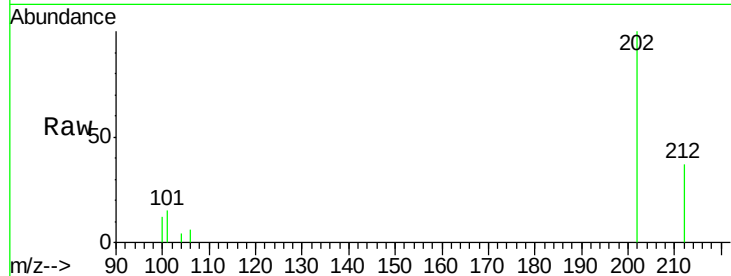
#17
 Pyrene
 Concen: 0.584 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. 0.01 min
 Lab File: BE093266.D
 Acq: 20 Jun 2017 00:43

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	18.2	27.4#
100	11.9	15.6	23.4#

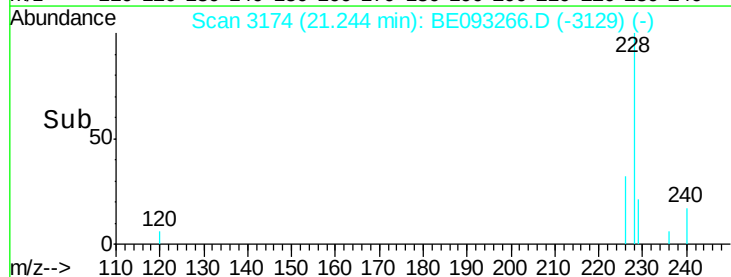
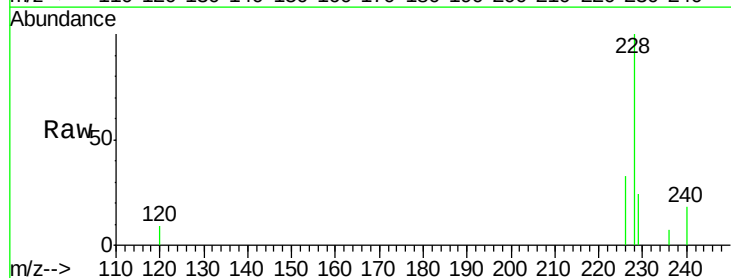
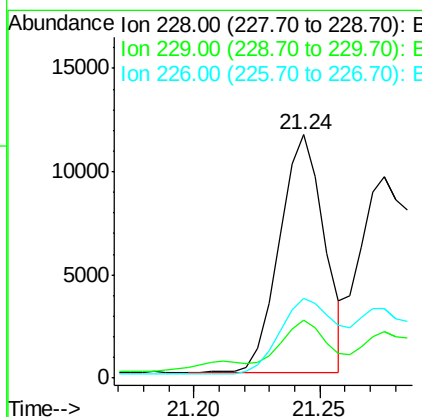
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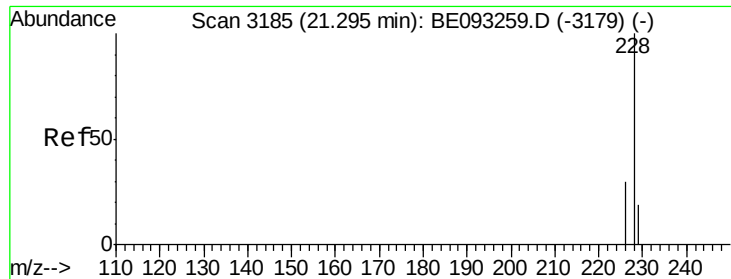
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#18
 Benzo(a)anthracene
 Concen: 0.263 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093266.D
 Acq: 20 Jun 2017 00:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.7	22.8	34.2
226	32.9	17.0	25.6#





#19

Chrysene

Concen: 0.407 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Instrument :

BNA_E

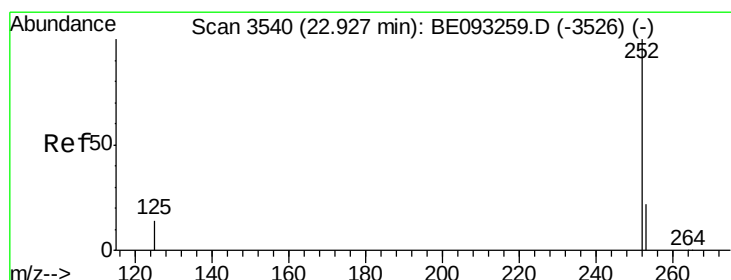
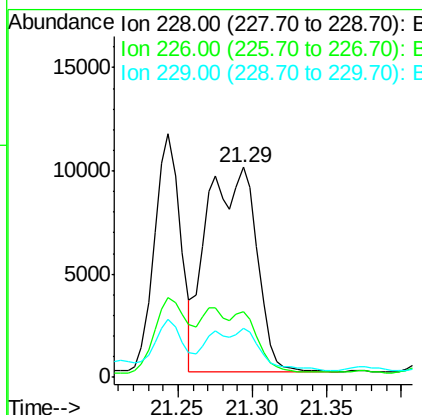
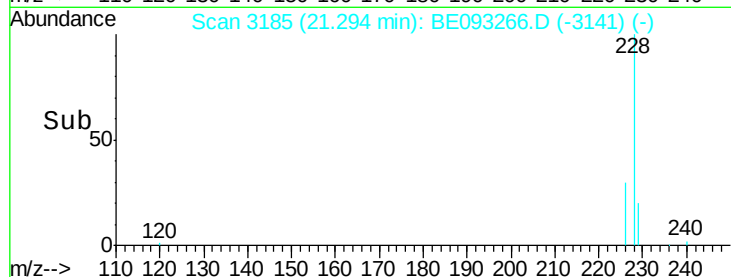
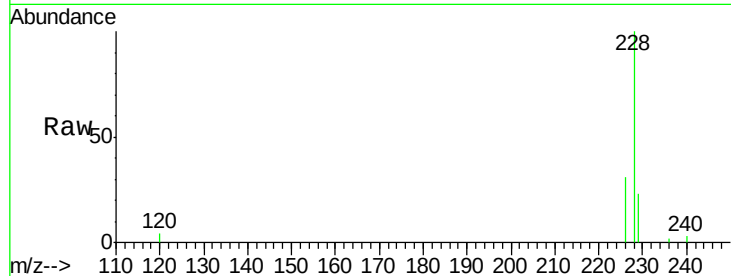
ClientSampleId :

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Tgt Ion:	228	Resp:	22853
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.101 ng/ul

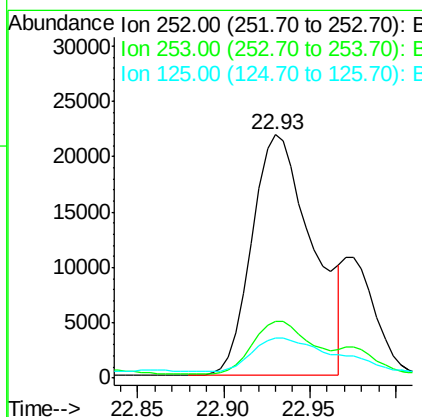
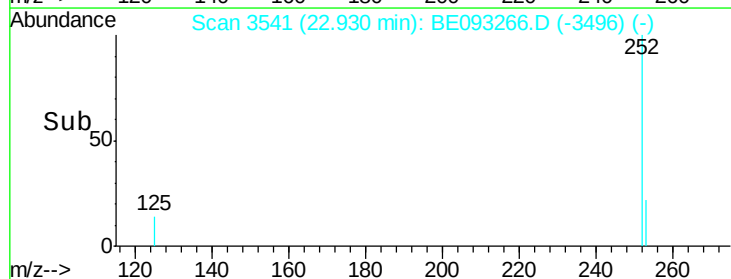
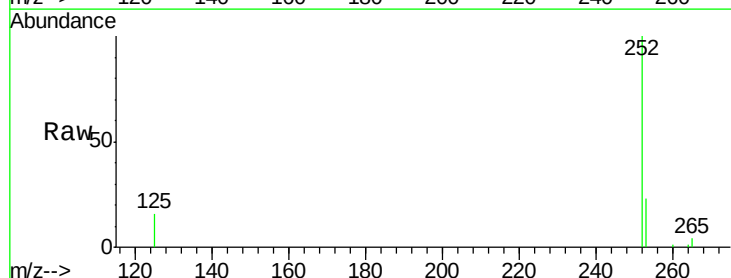
RT: 22.93 min Scan# 3541

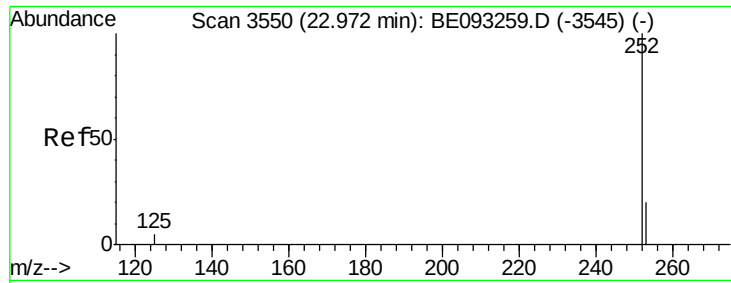
Delta R.T. 0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Tgt Ion:	252	Resp:	53031
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	16.4	0.0	35.0





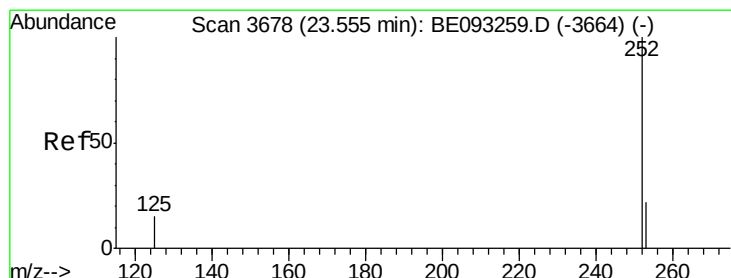
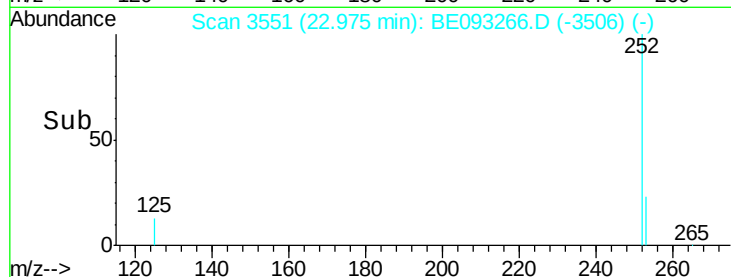
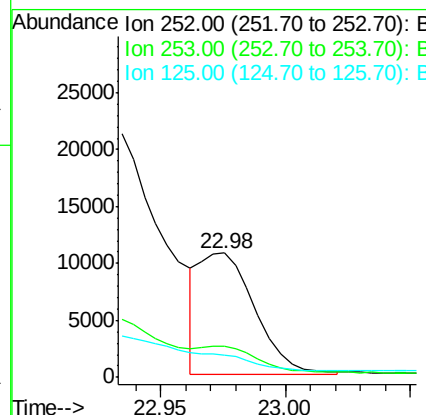
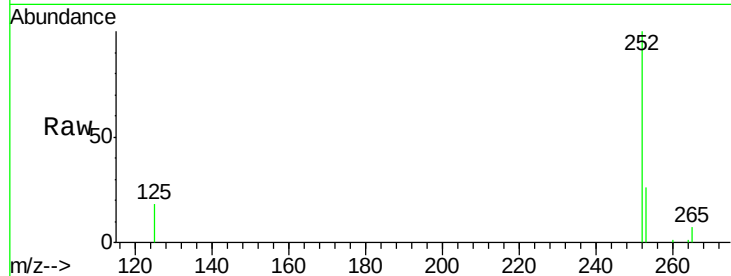
#22
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093266.D
Acq: 20 Jun 2017 00:43

Instrument :
BNA_E
ClientSampleId :
F5A18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	18.0	13.7	20.5

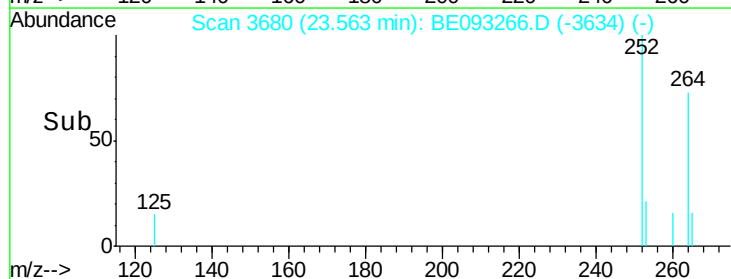
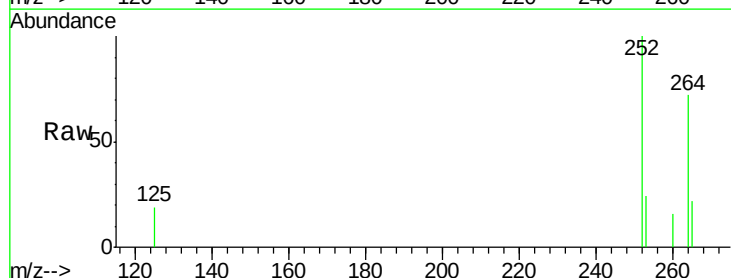
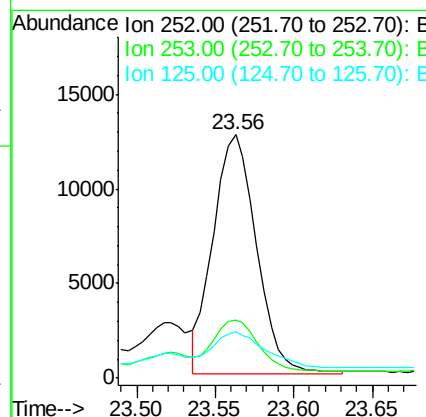
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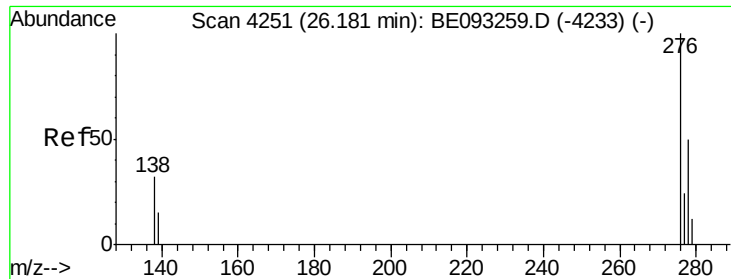
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#23
Benzo(a)pyrene
Concen: 0.532 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093266.D
Acq: 20 Jun 2017 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	19.1	18.1	27.1





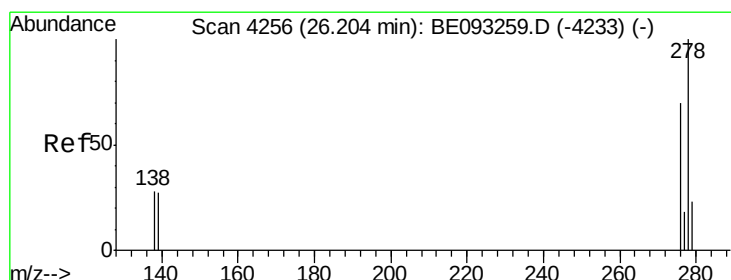
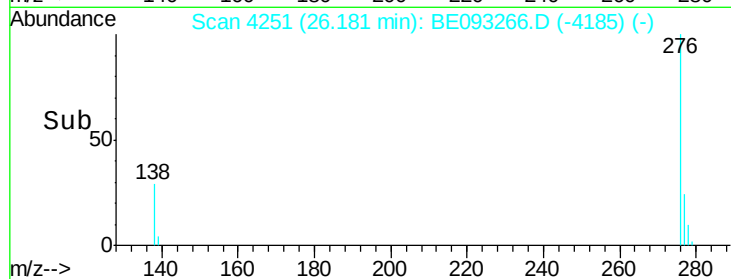
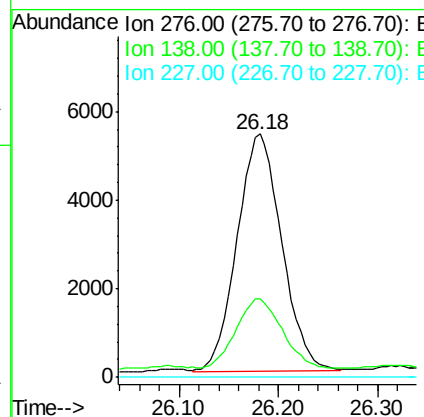
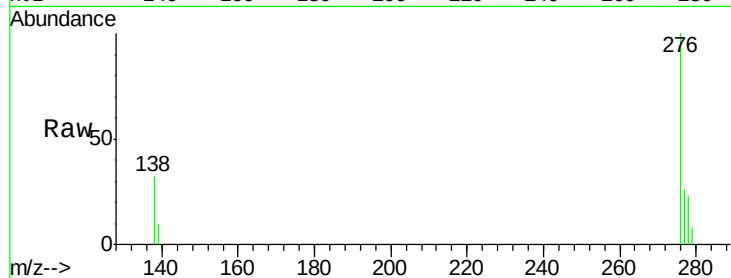
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.322 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BE093266.D
 Acq: 20 Jun 2017 00:43

Instrument :
 BNA_E
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	16953		
138	3.3	28.0	42.0#	
227	0.0	8.0	12.0#	

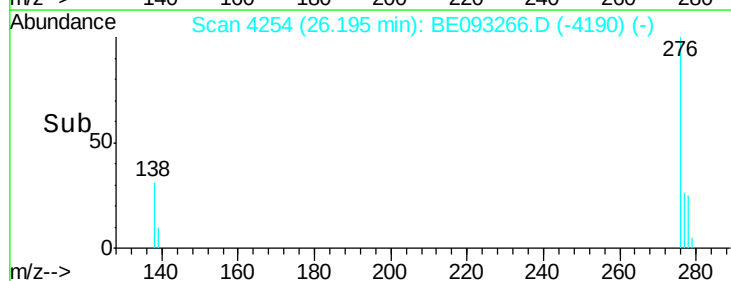
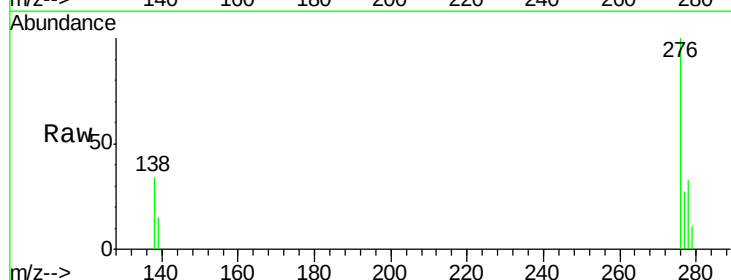
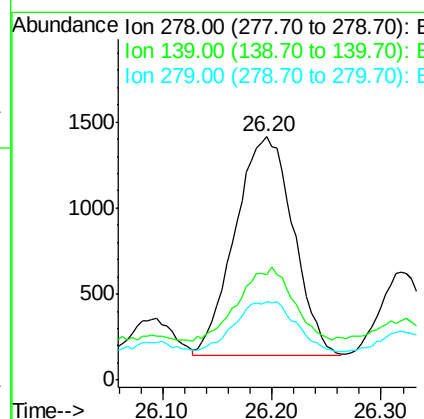
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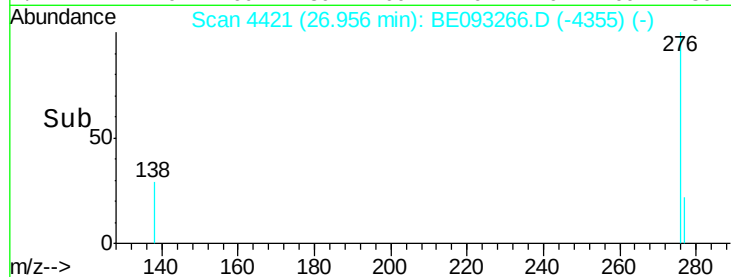
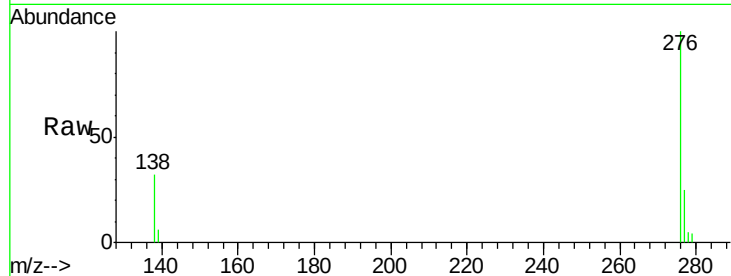
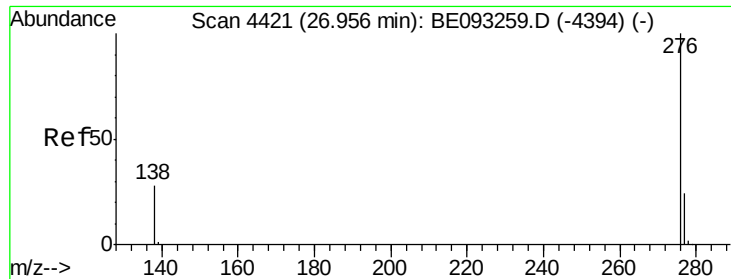
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.106 ng/ul m
 RT: 26.20 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093266.D
 Acq: 20 Jun 2017 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	4726		
139	43.5	17.4	26.0#	
279	32.4	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 0.324 ng/ul

RT: 26.96 min Scan# 4421

Delta R.T. 0.00 min

Lab File: BE093266.D

Acq: 20 Jun 2017 00:43

Instrument :

BNA_E

ClientSampleId :

F5A18

Tgt Ion:	276	Resp:	14644
Ion Ratio	Lower	Upper	
276	100		
138	32.4	21.8	32.8
277	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/20/2017 3:13:08 PM

