

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093299.D
 Acq On : 21 Jun 2017 1:56
 Operator : SJ/JU
 Sample : I3599-12DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B26DL

Manual Integrations
 APPROVED

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Quant Time: Jun 21 04:27:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1823	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9700	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6051	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14841	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15020	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	14023	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	828	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	2311	0.06	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.56	128	223452	9.284	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	13932	0.847	ng/ul	98
8) Acenaphthene	14.42	153	11139	0.532	ng/ul	97
9) Fluorene	15.42	166	10660	0.434	ng/ul	96
12) Phenanthrene	17.14	178	47258	1.157	ng/ul#	90
13) Anthracene	17.22	178	4590	0.129	ng/ul#	91
15) Fluoranthene	19.15	202	17397	0.347	ng/ul	84
17) Pyrene	19.51	202	12054	0.272	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	1754	0.044	ng/ul#	88
19) Chrysene	21.29	228	1646m	0.040	ng/ul	

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

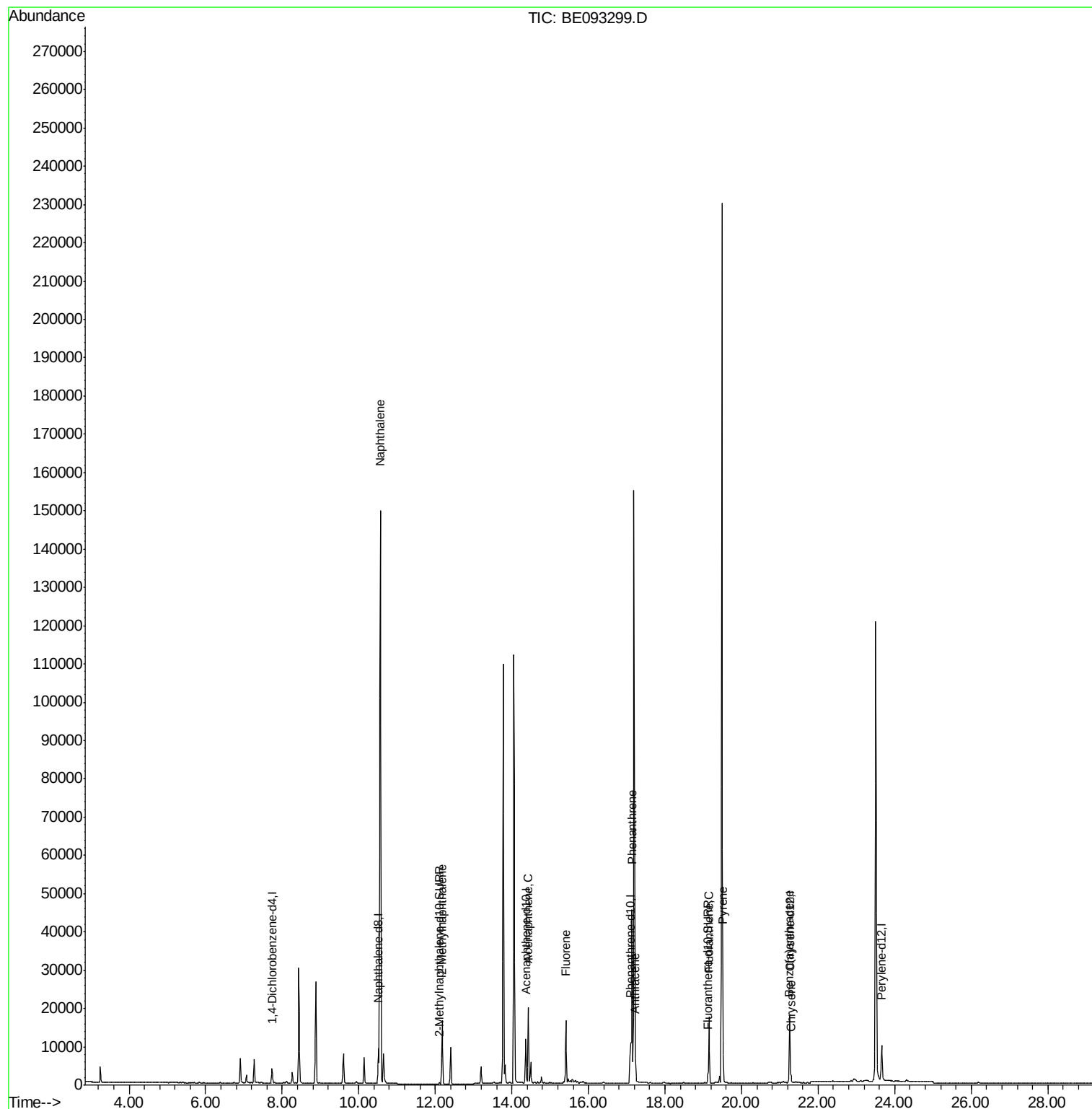
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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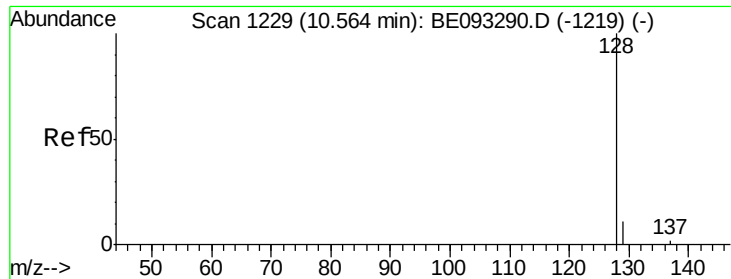
Instrument :
BNA_E
ClientSampleId :
F5B26DL

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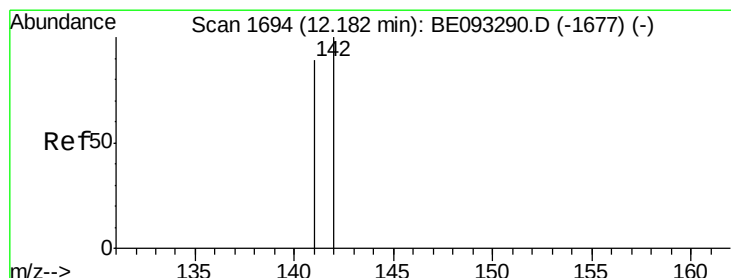
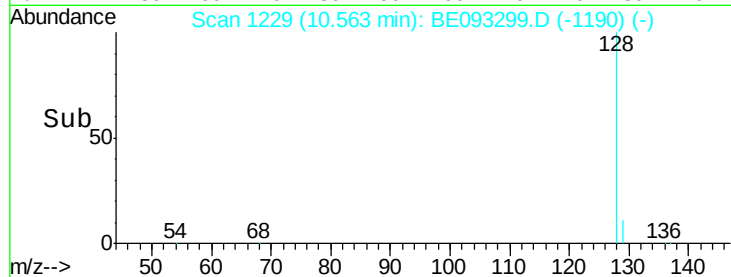
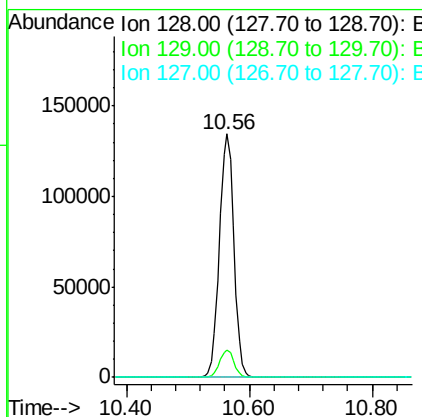
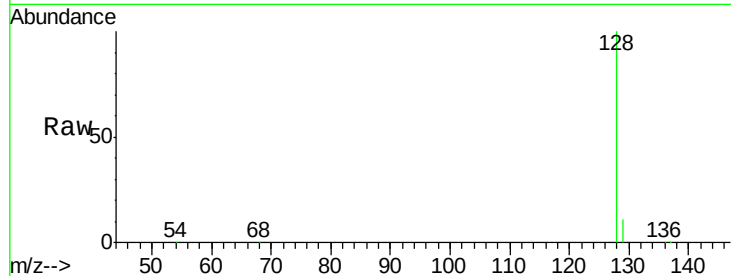
#3
Naphthalene
Concen: 9.284 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BE093299.D
Acq: 21 Jun 2017 1:56

Instrument :
BNA_E
ClientSampleId :
F5B26DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	223452		
129	11.1	11.3	16.9#	
127	0.0	4.0	6.0#	

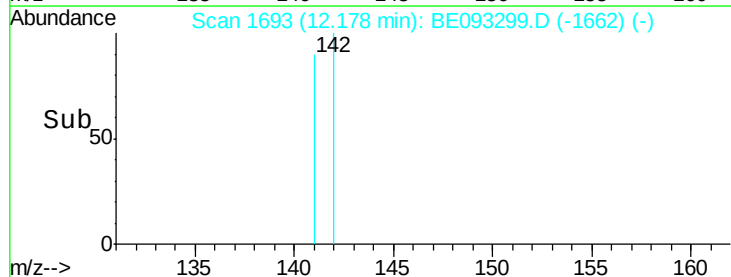
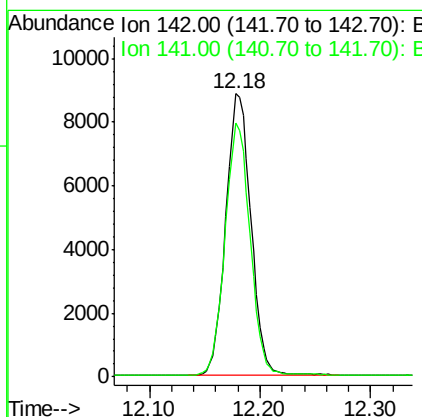
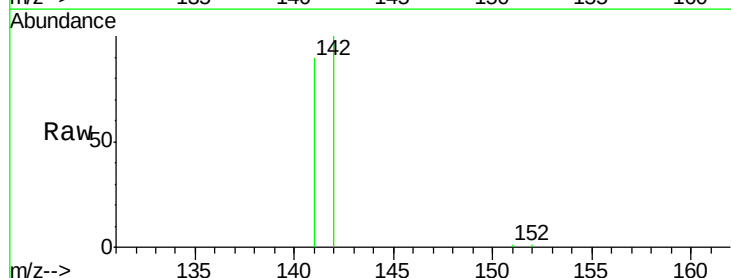
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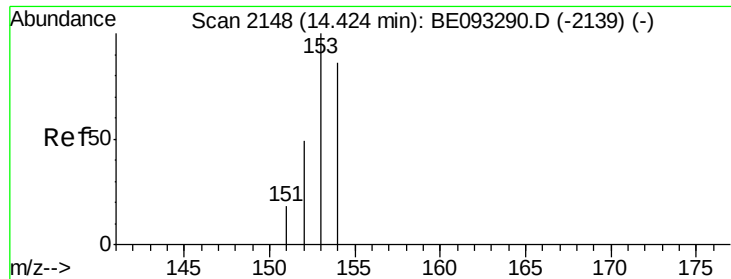
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#5
2-Methylnaphthalene
Concen: 0.847 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BE093299.D
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	13932		
141	88.8	72.6	108.8	





#8

Acenaphthene

Concen: 0.532 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093299.D

Acq: 21 Jun 2017 1:56

Instrument :

BNA_E

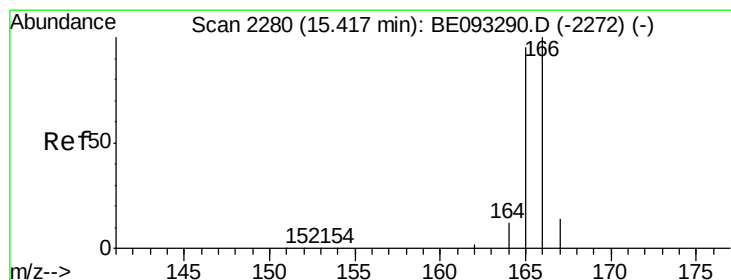
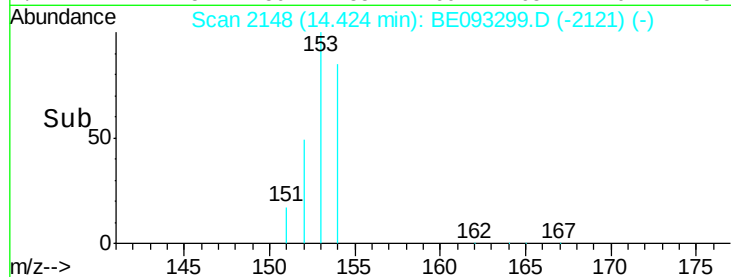
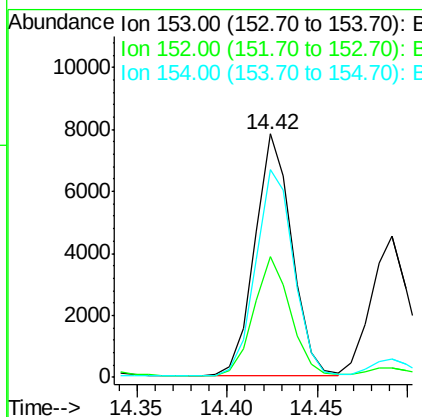
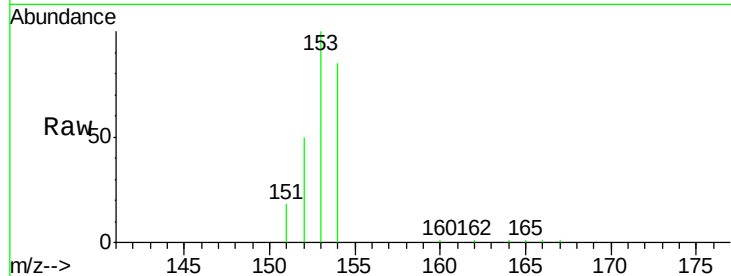
ClientSampleId :

F5B26DL

Tgt Ion:	153	Resp:	11139
Ion Ratio	Lower	Upper	
153	100		
152	49.6	40.3	60.5
154	85.3	71.4	107.2

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#9

Fluorene

Concen: 0.434 ng/ul

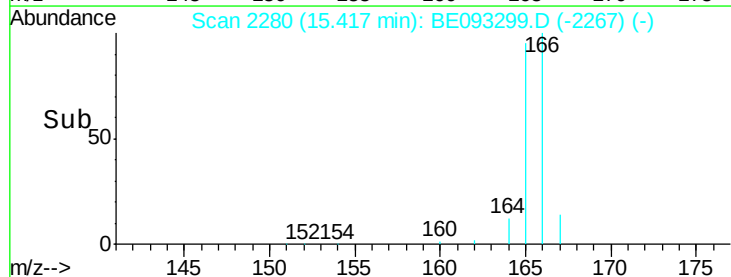
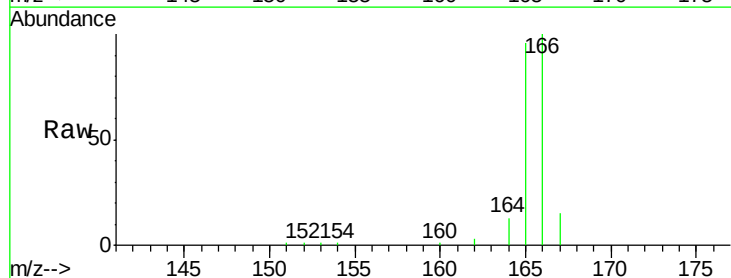
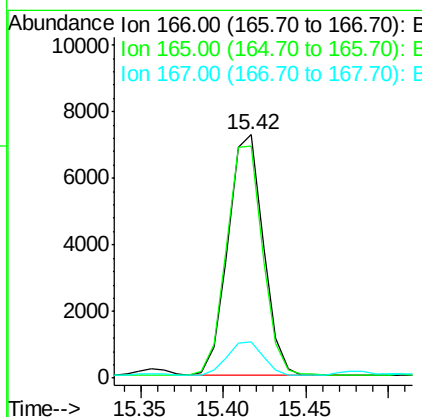
RT: 15.42 min Scan# 2280

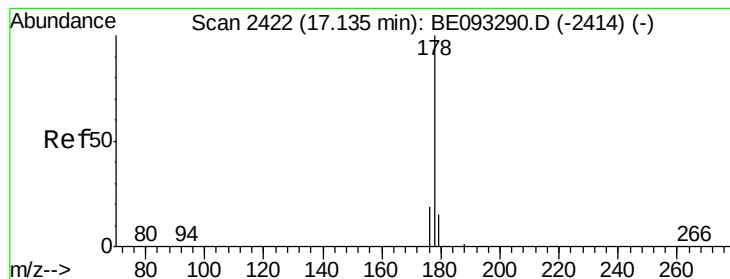
Delta R.T. -0.00 min

Lab File: BE093299.D

Acq: 21 Jun 2017 1:56

Tgt Ion:	166	Resp:	10660
Ion Ratio	Lower	Upper	
166	100		
165	95.5	73.4	110.2
167	15.1	14.6	22.0





#12

Phenanthrene

Concen: 1.157 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093299.D

Acq: 21 Jun 2017 1:56

Instrument :

BNA_E

ClientSampleId :

F5B26DL

Tgt Ion:178 Resp: 47258

Ion Ratio Lower Upper

178 100

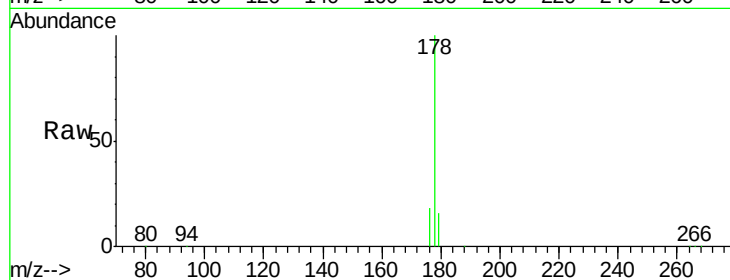
179 15.6 18.4 27.6#

176 18.4 13.6 20.4

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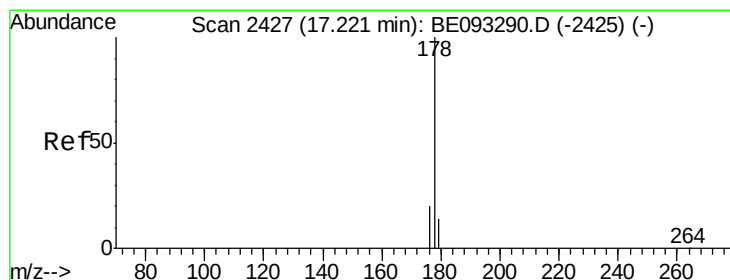
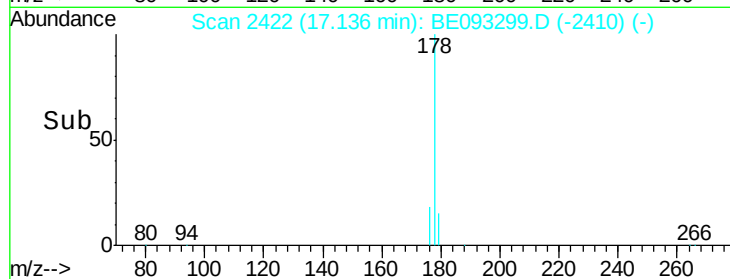
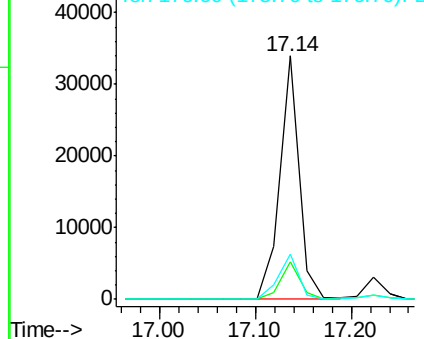
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.129 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093299.D

Acq: 21 Jun 2017 1:56

Tgt Ion:178 Resp: 4590

Ion Ratio Lower Upper

178 100

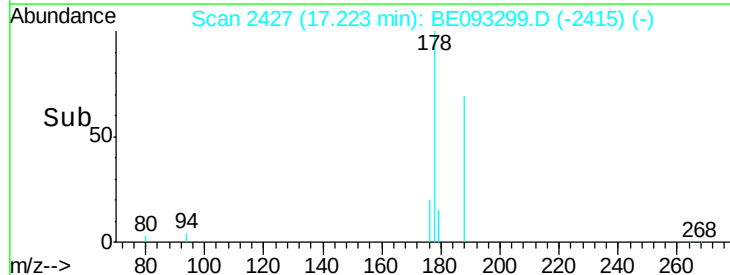
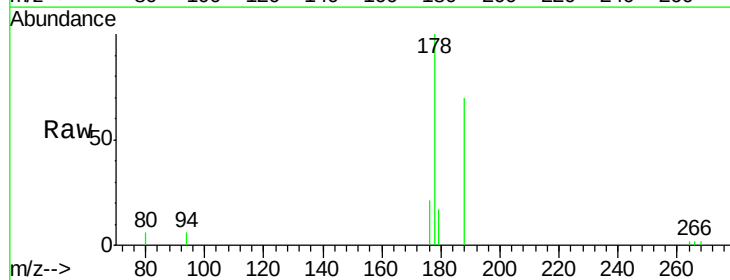
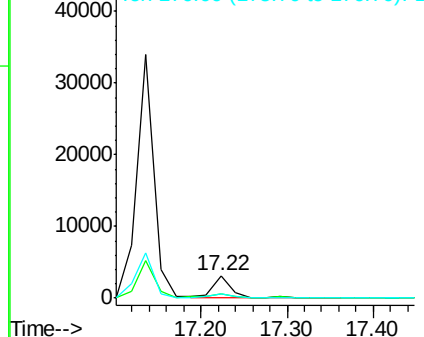
179 17.0 18.1 27.1#

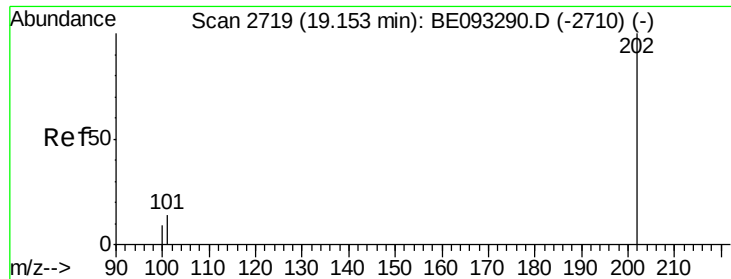
176 21.1 14.7 22.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





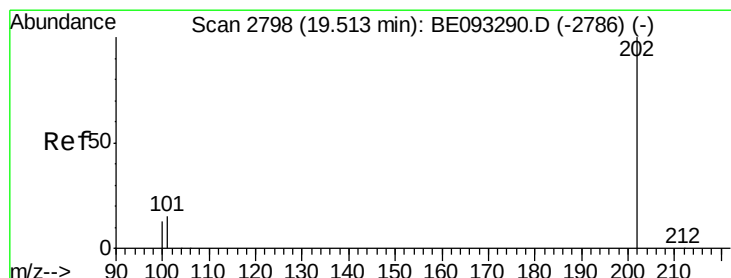
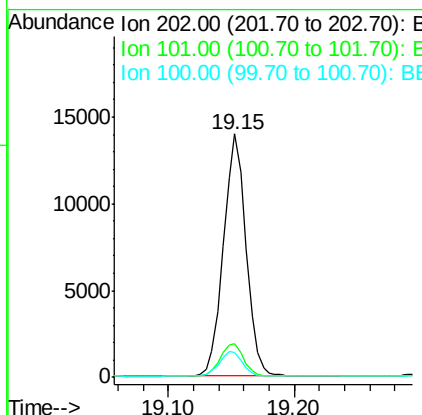
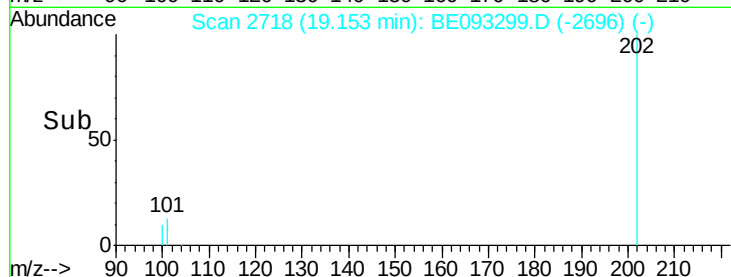
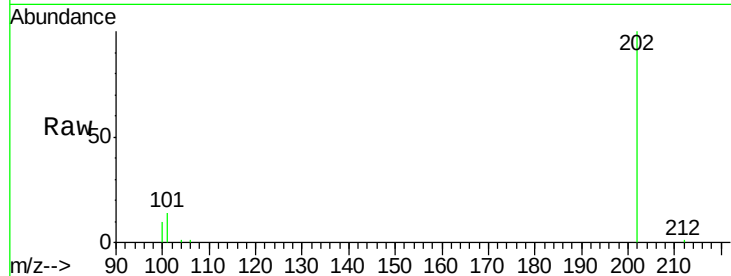
#15
Fluoranthene
 Concen: 0.347 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093299.D
 Acq: 21 Jun 2017 1:56

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 F5B26DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	0.0	30.3
100	10.4	0.0	39.5

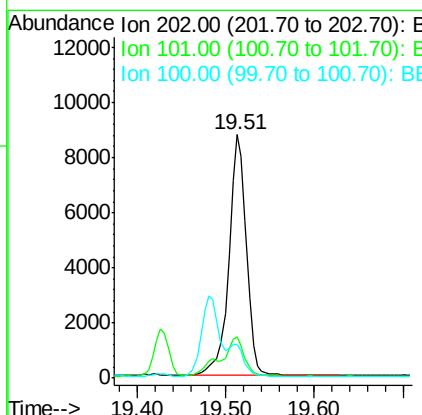
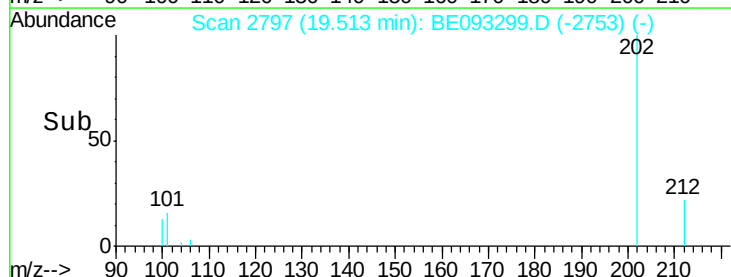
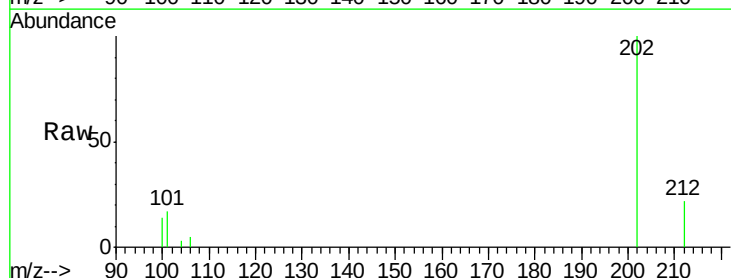
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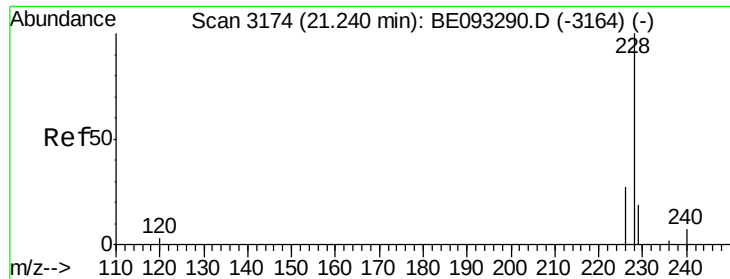
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#17
Pyrene
 Concen: 0.272 ng/ul
 RT: 19.51 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BE093299.D
 Acq: 21 Jun 2017 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.0	18.2	27.4#
100	13.8	15.6	23.4#





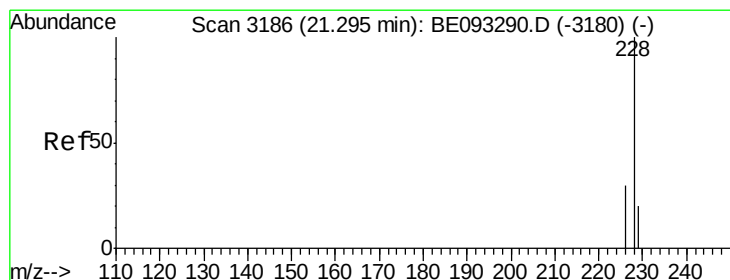
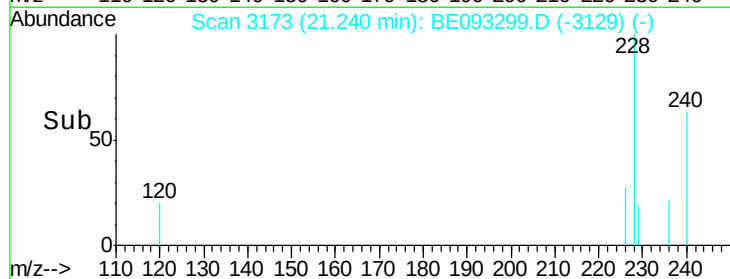
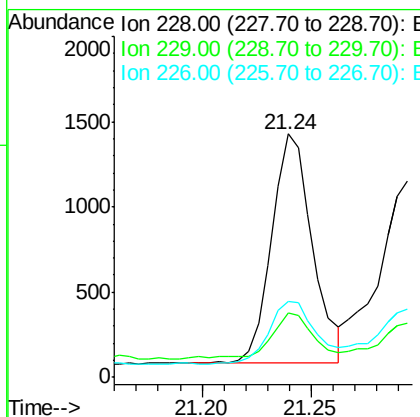
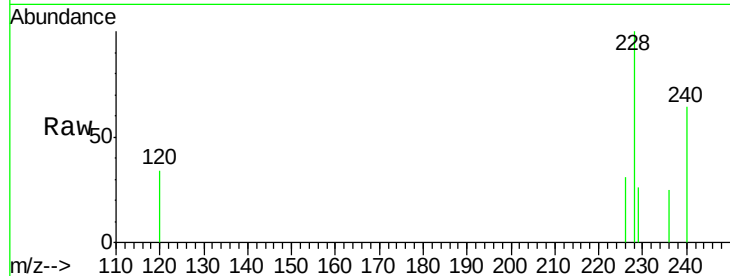
#18
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093299.D
Acq: 21 Jun 2017 1:56

Instrument :
BNA_E
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.2	22.8	34.2
226	31.4	17.0	25.6#

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#19
Chrysene
Concen: 0.040 ng/ul m
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093299.D
Acq: 21 Jun 2017 1:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.4	35.0
229	27.6	17.7	26.5#

