

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
 Data File : BE093665.D
 Acq On : 4 Aug 2017 11:15
 Operator : SJ/JU
 Sample : I4373-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA4

Manual Integrations
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Quant Time: Aug 04 16:37:09 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:09:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3224	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16324	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9878	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	22010	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23817	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20616m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4328	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12751	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1118	0.028	ng/ul#	88
5) 2-Methylnaphthalene	12.36	142	924	0.032	ng/ul	97
8) Acenaphthene	14.59	153	931	0.029	ng/ul	97
9) Fluorene	15.57	166	1070	0.026	ng/ul#	96
12) Phenanthrene	17.29	178	24981	0.417	ng/ul#	89
13) Anthracene	17.38	178	5056	0.087	ng/ul#	92
15) Fluoranthene	19.30	202	40805	0.544	ng/ul	84
17) Pyrene	19.66	202	37181	0.535	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	17513	0.254	ng/ul#	88
19) Chrysene	21.44	228	19033	0.287	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	25306m	0.397	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	9922m	0.158	ng/ul	
23) Benzo(a)pyrene	23.80	252	18958m	0.313	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	12598m	0.188	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	3809m	0.068	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	13772m	0.244	ng/ul	

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

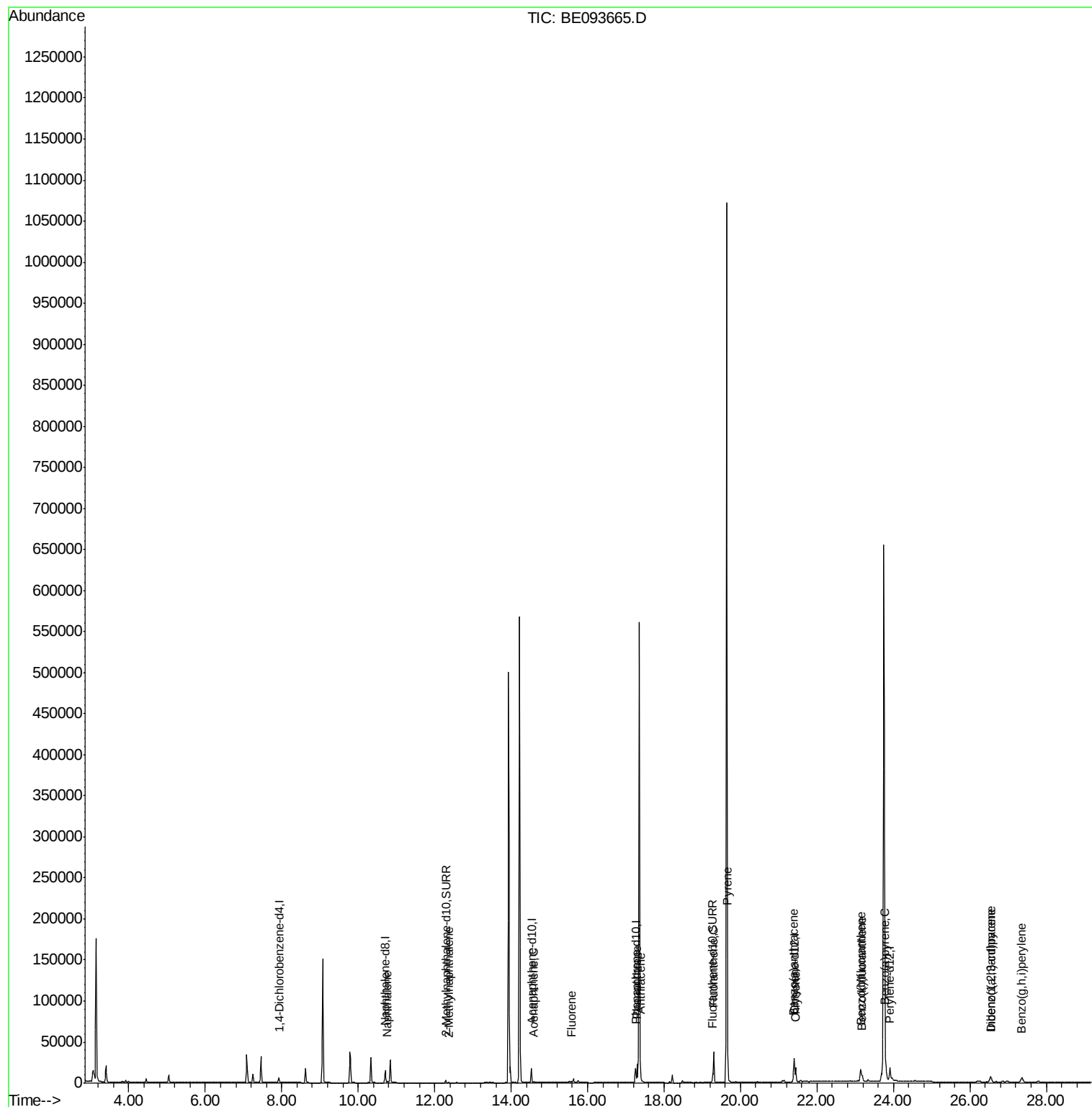
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
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ALS Vial : 5 Sample Multiplier: 1

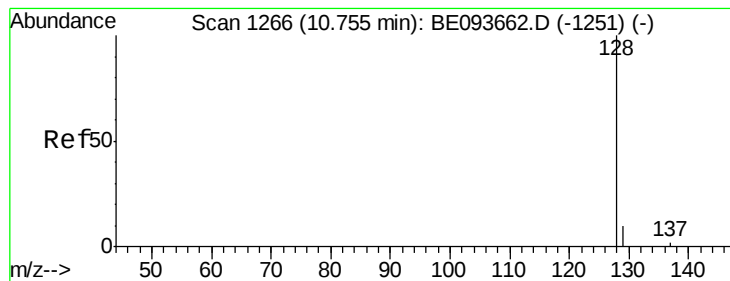
Instrument :
BNA_E
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QLast Update : Fri Aug 04 16:09:39 2017
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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Instrument :

BNA_E

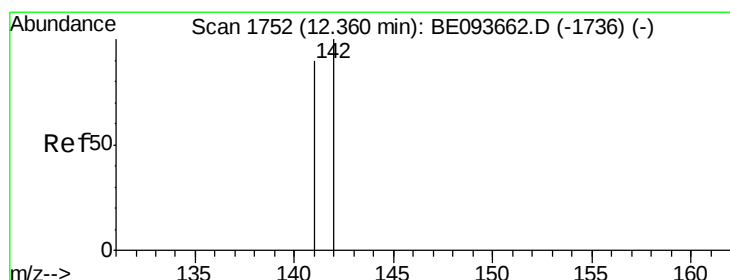
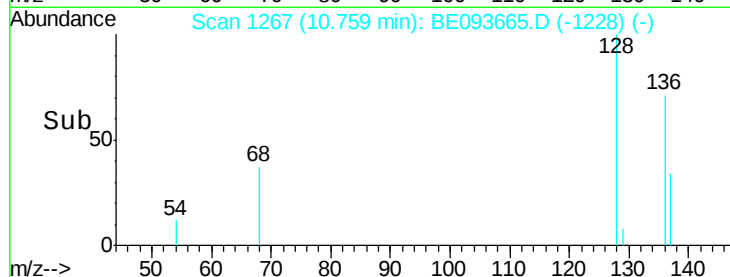
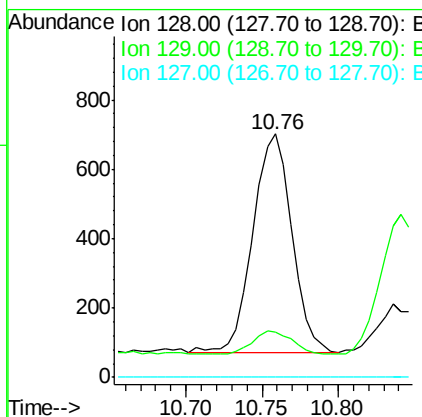
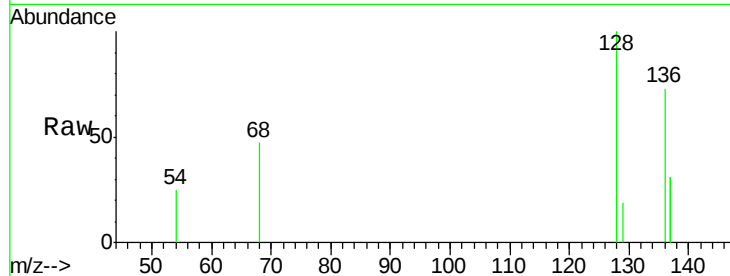
ClientSampleId :

C0AA4

Tgt Ion:	128	Resp:	1118
Ion Ratio	Lower	Upper	
128	100		
129	18.5	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

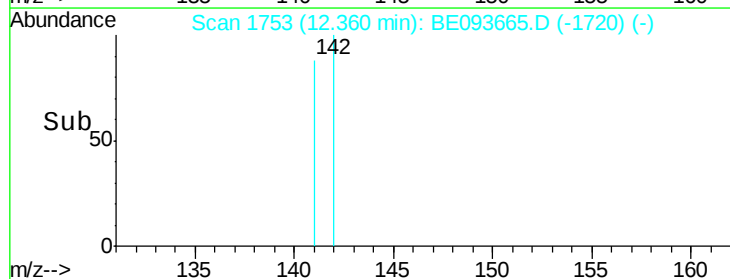
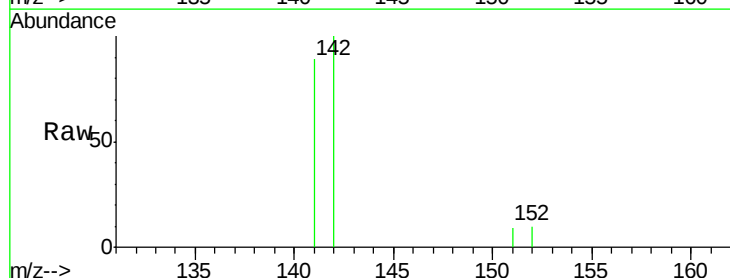
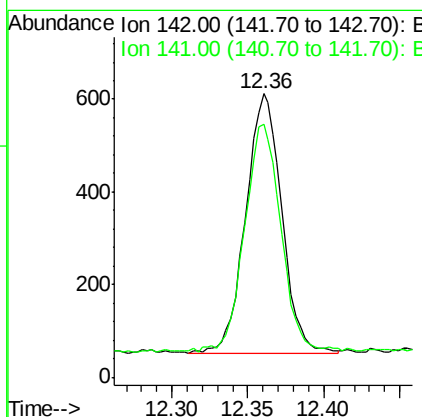
RT: 12.36 min Scan# 1753

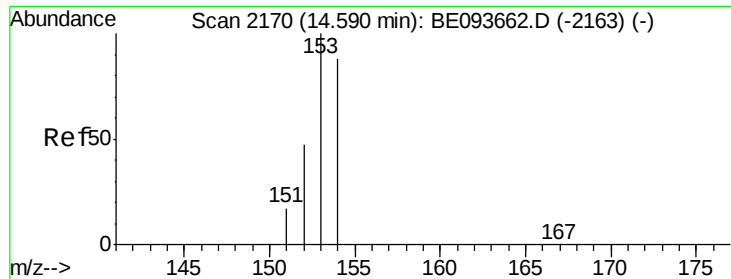
Delta R.T. 0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Tgt Ion:	142	Resp:	924
Ion Ratio	Lower	Upper	
142	100		
141	87.7	72.6	108.8





#8

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.59 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Instrument :

BNA_E

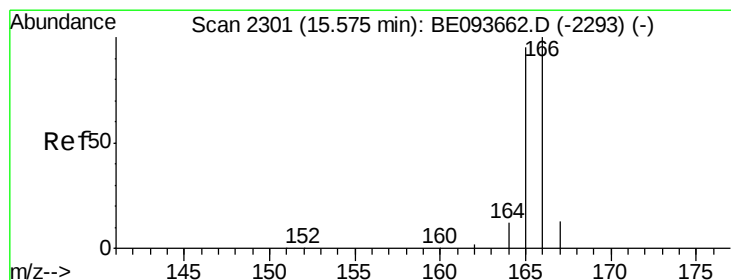
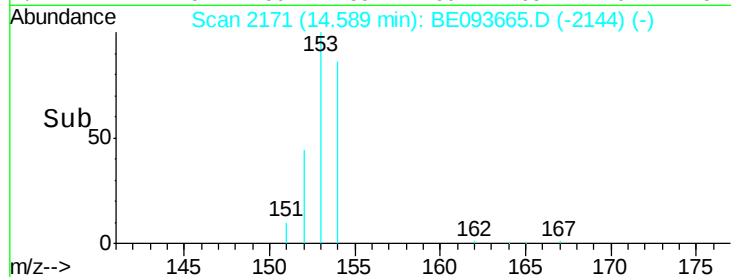
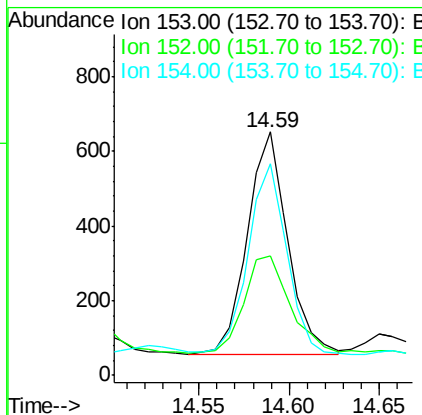
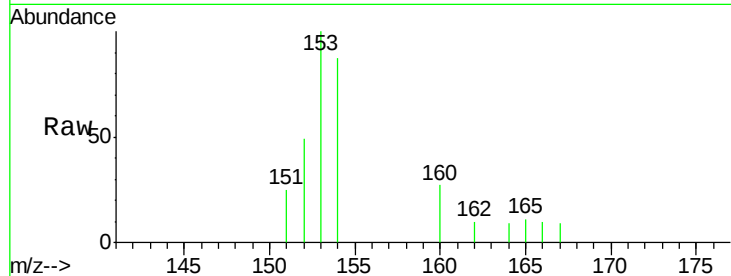
ClientSampleId :

C0AA4

Tgt Ion:	153	Resp:	931
Ion Ratio	Lower	Upper	
153	100		
152	48.8	40.3	60.5
154	86.8	71.4	107.2

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#9

Fluorene

Concen: 0.026 ng/ul

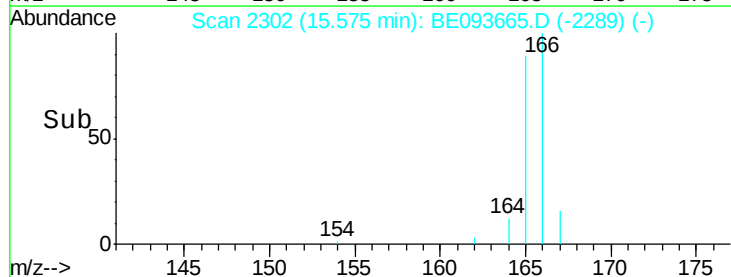
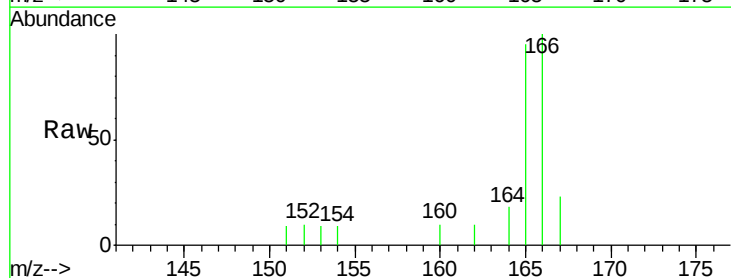
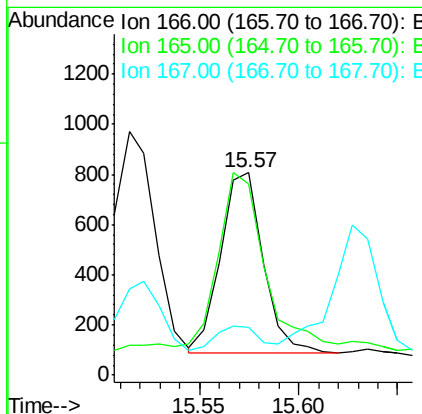
RT: 15.57 min Scan# 2302

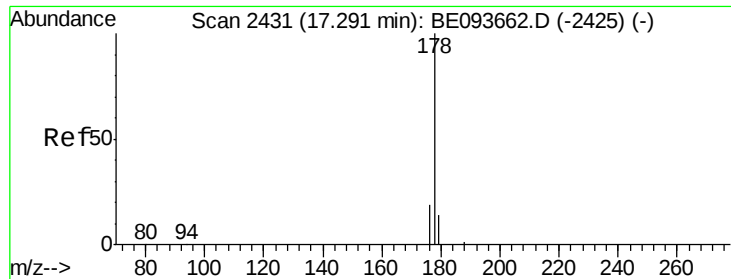
Delta R.T. -0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Tgt Ion:	166	Resp:	1070
Ion Ratio	Lower	Upper	
166	100		
165	94.7	73.4	110.2
167	23.4	14.6	22.0#





#12

Phenanthrene

Concen: 0.417 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Instrument :

BNA_E

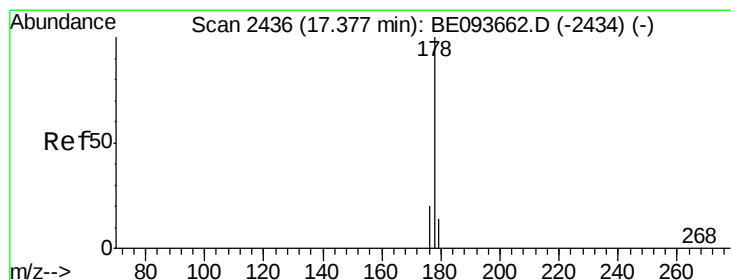
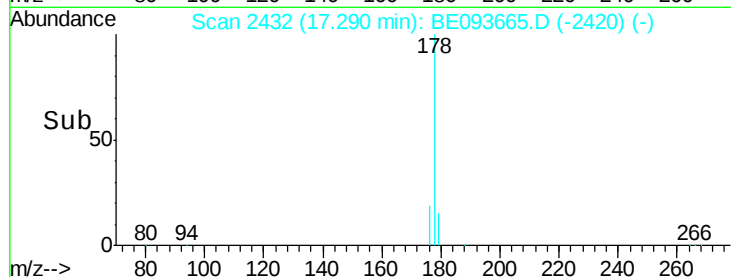
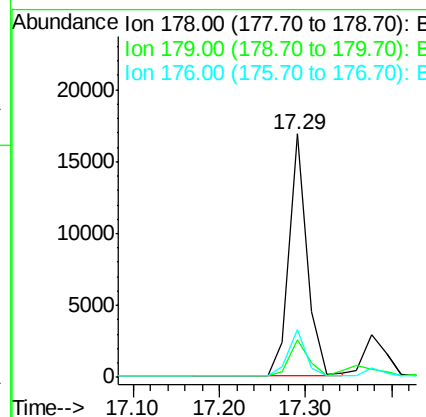
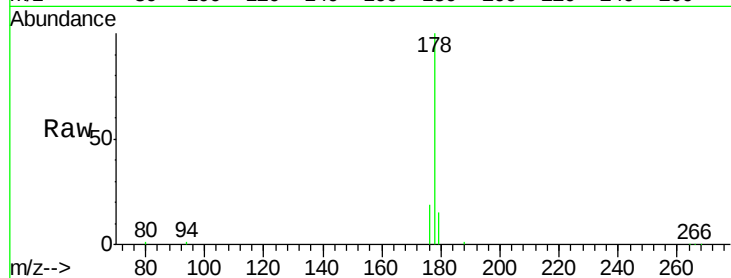
ClientSampled :

C0AA4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.5	13.6	20.4

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#13

Anthracene

Concen: 0.087 ng/ul

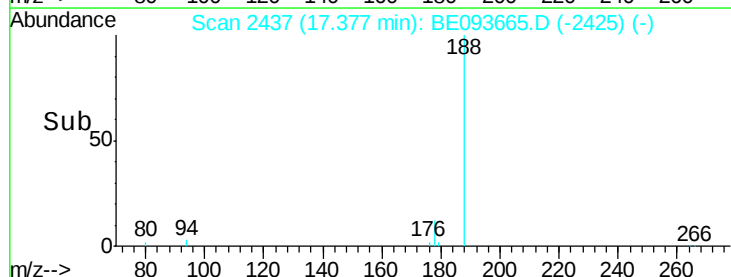
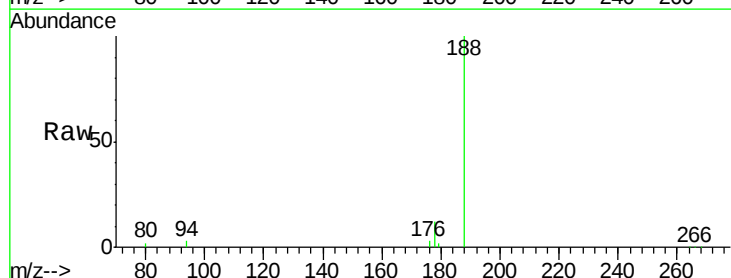
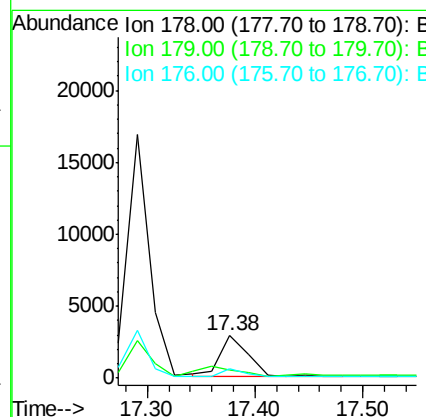
RT: 17.38 min Scan# 2437

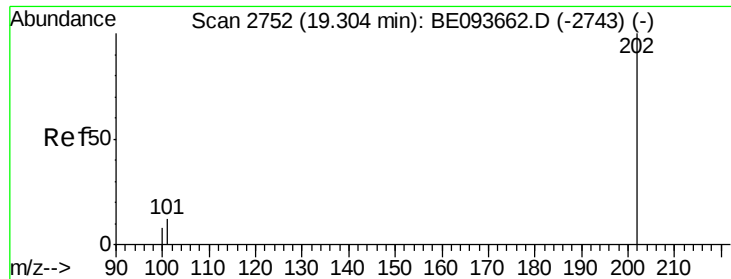
Delta R.T. -0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.7	18.1	27.1
176	22.2	14.7	22.1#





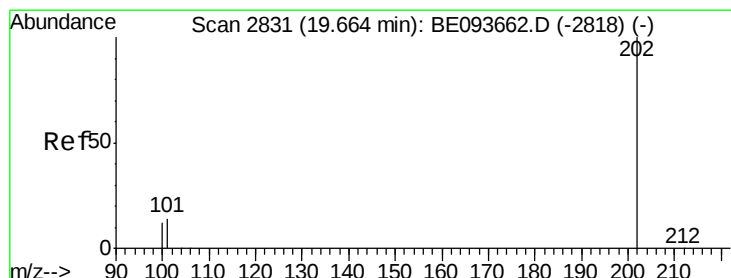
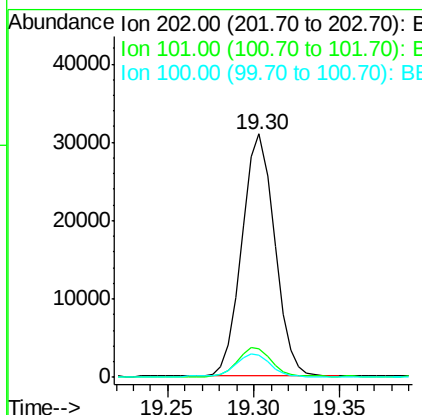
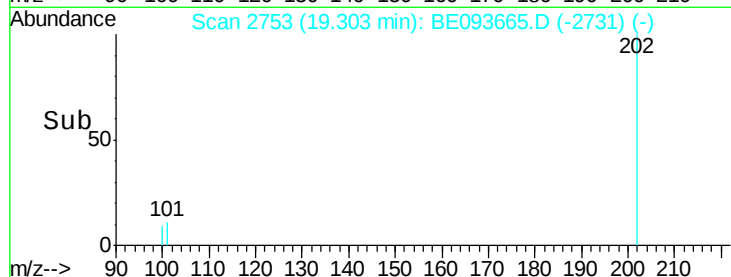
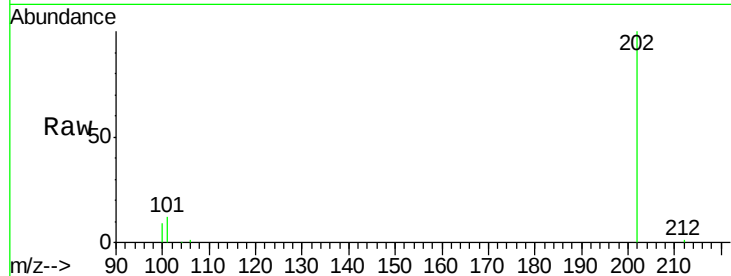
#15
Fluoranthene
Concen: 0.544 ng/ul
RT: 19.30 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE093665.D
Acq: 4 Aug 2017 11:15

Instrument :
BNA_E
ClientSampleId :
C0AA4

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	30.3
100	8.9	0.0	39.5

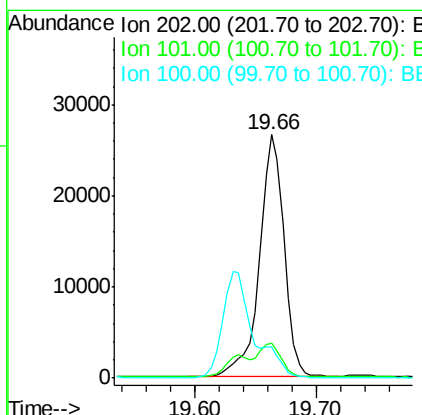
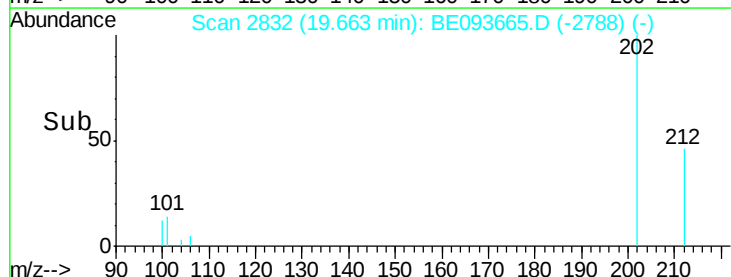
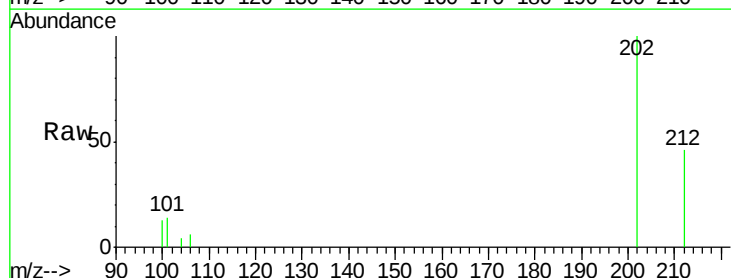
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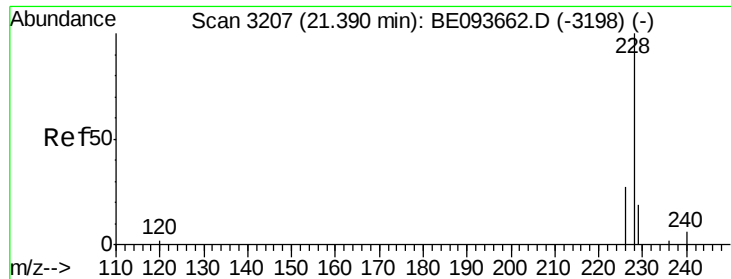
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#17
Pyrene
Concen: 0.535 ng/ul
RT: 19.66 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE093665.D
Acq: 4 Aug 2017 11:15

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.6	15.6	23.4#





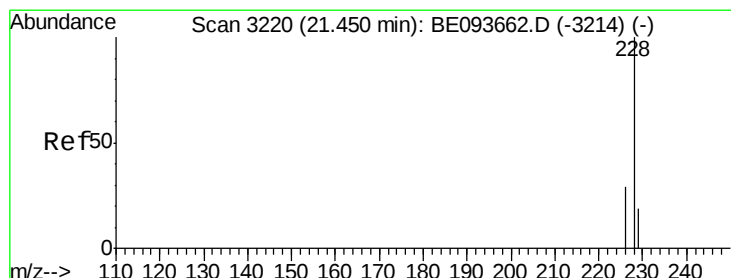
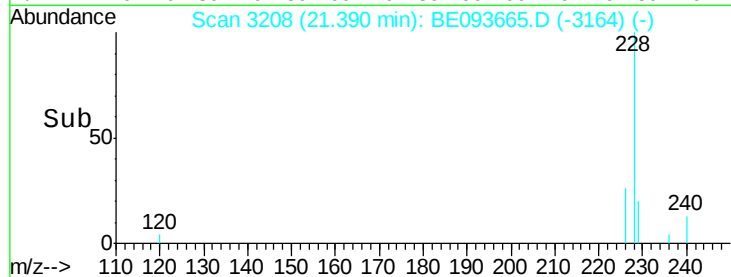
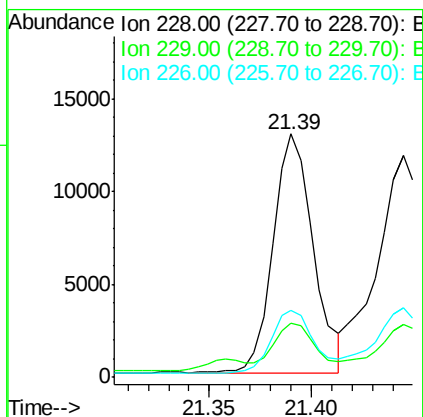
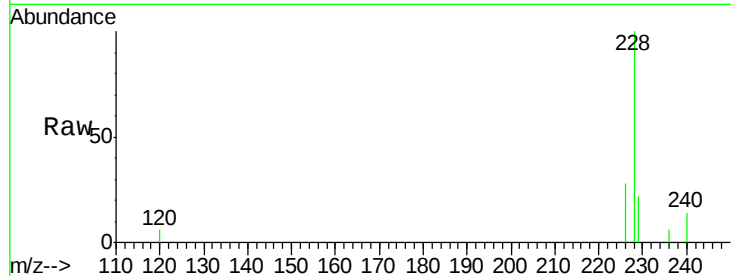
#18
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093665.D
Acq: 4 Aug 2017 11:15

Instrument :
BNA_E
ClientSampleId :
C0AA4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	22.8	34.2#
226	27.6	17.0	25.6#

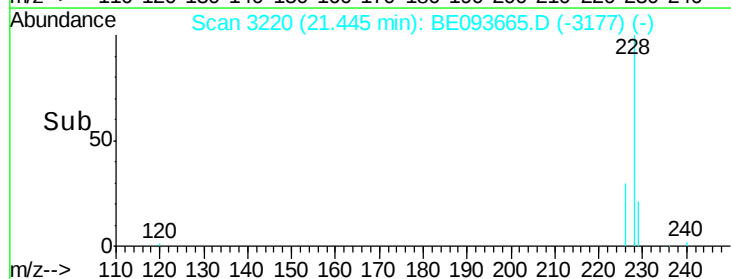
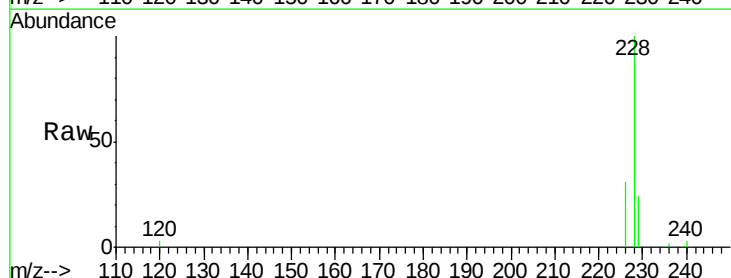
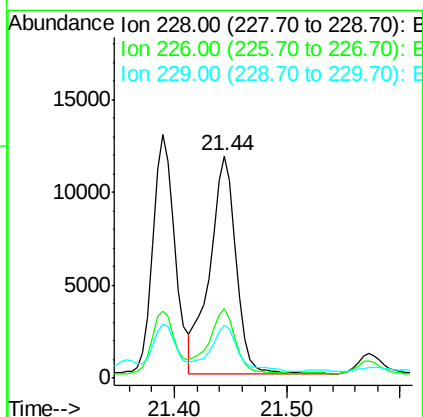
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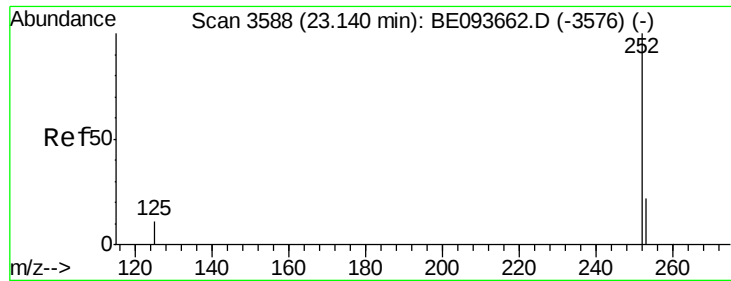
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#19
Chrysene
Concen: 0.287 ng/ul
RT: 21.44 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093665.D
Acq: 4 Aug 2017 11:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	23.7	17.7	26.5





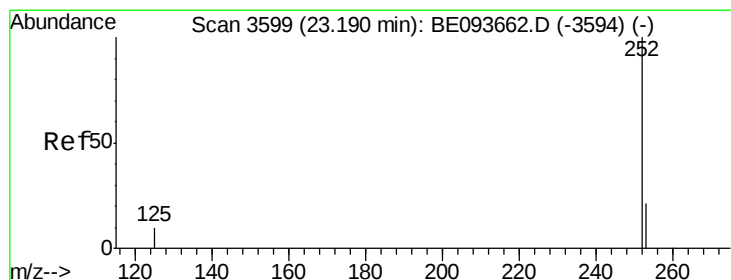
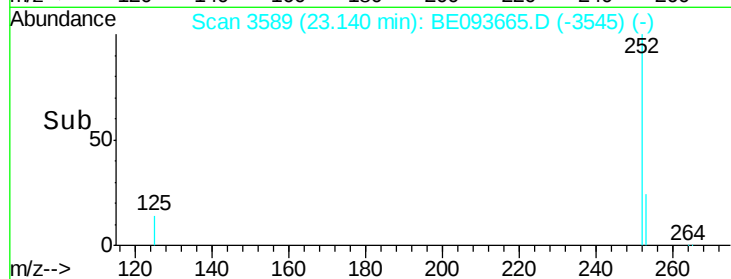
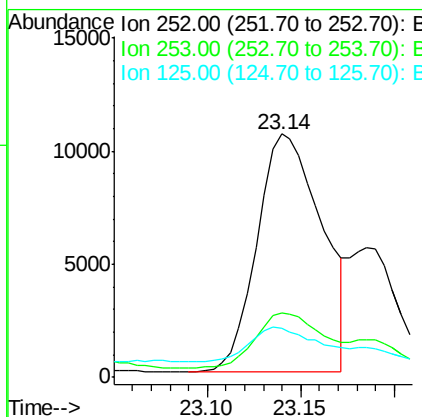
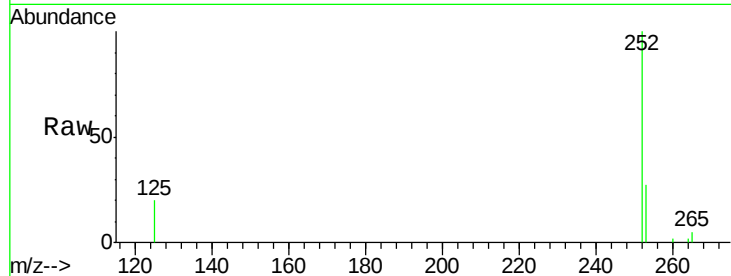
#21
Benzo(b)fluoranthene
Concen: 0.397 ng/ul m
RT: 23.14 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BE093665.D
Acq: 4 Aug 2017 11:15

Instrument :
BNA_E
ClientSampled :
C0AA4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	25306		
253	26.6	0.0	64.2	
125	20.3	0.0	35.0	

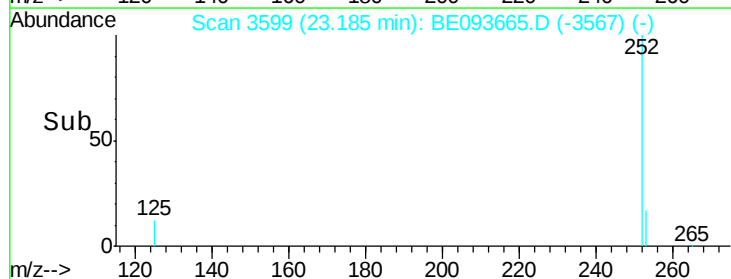
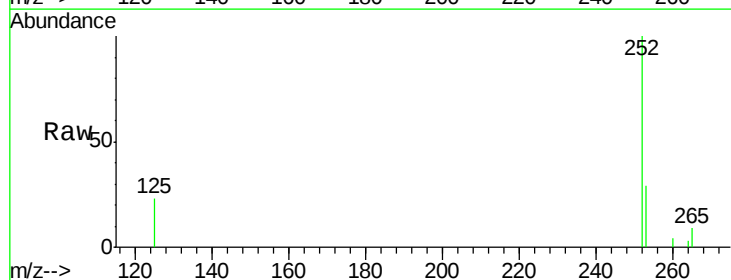
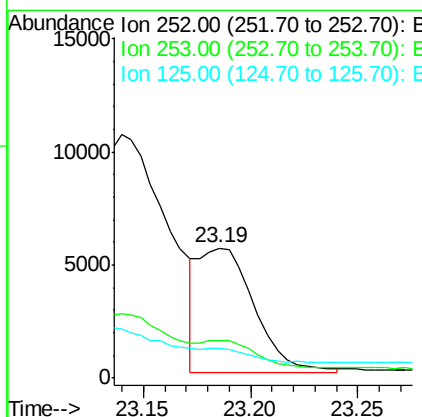
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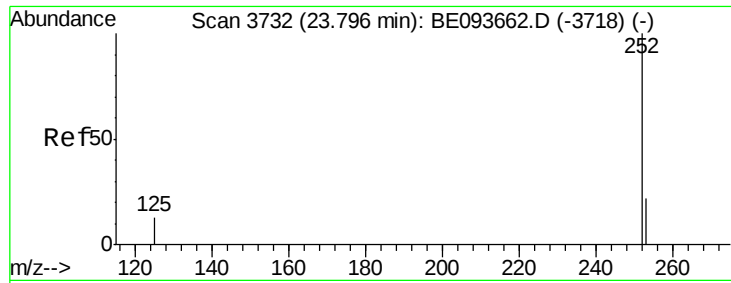
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#22
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE093665.D
Acq: 4 Aug 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	9922		
253	28.8	24.5	36.7	
125	22.9	13.7	20.5	





#23

Benzo(a)pyrene

Concen: 0.313 ng/ul m

RT: 23.80 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE093665.D

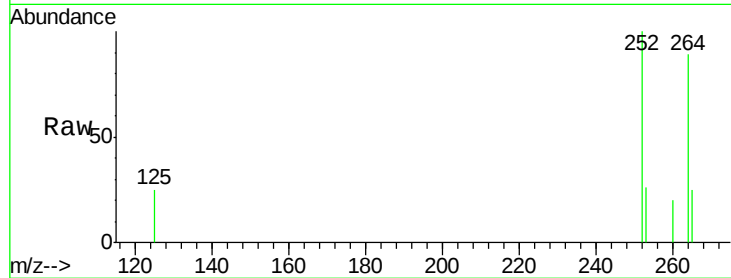
Acq: 4 Aug 2017 11:15

Instrument :

BNA_E

ClientSampleId :

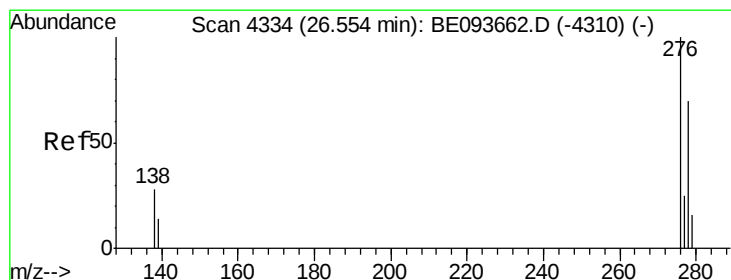
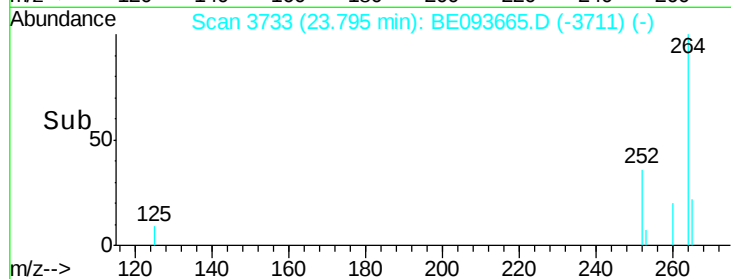
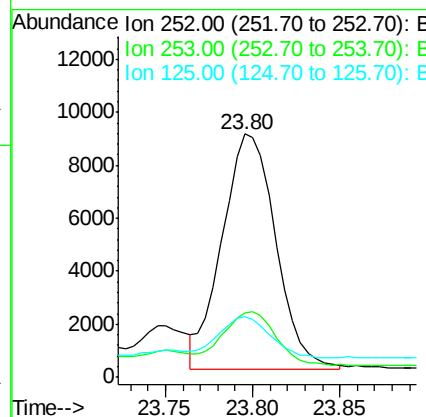
C0AA4



Tgt Ion:	252	Resp:	18958
Ion Ratio	Lower	Upper	
252	100		
253	26.4	28.5	42.7#
125	24.7	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.188 ng/ul m

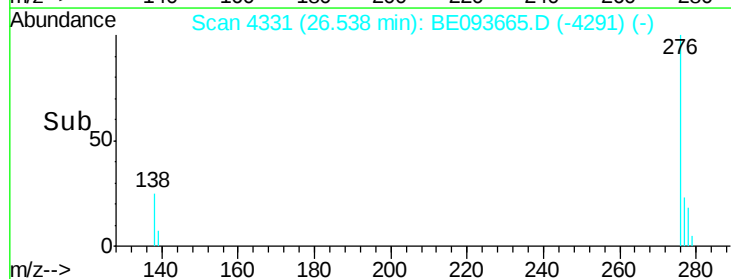
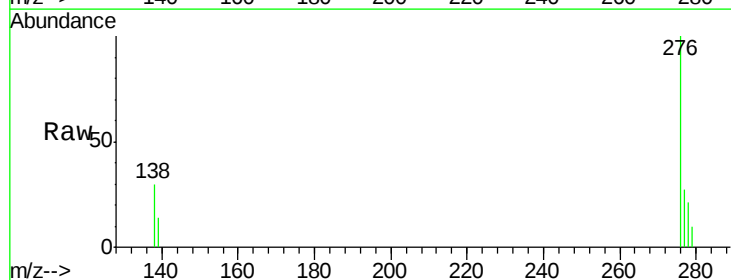
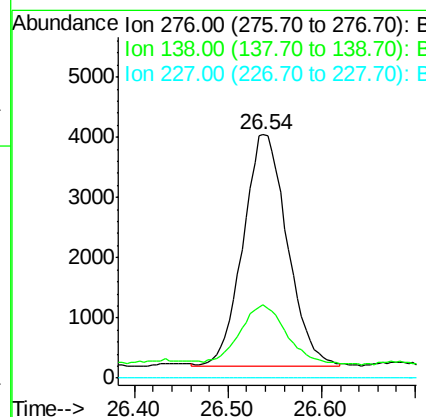
RT: 26.54 min Scan# 4331

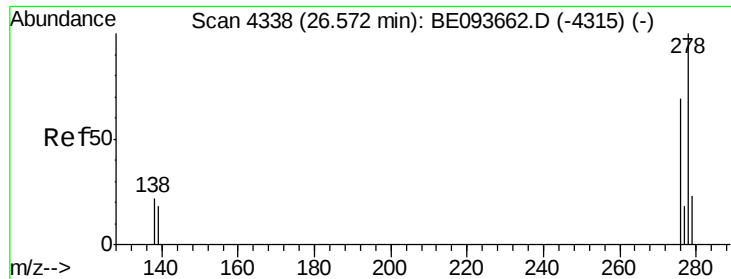
Delta R.T. -0.02 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Tgt Ion:	276	Resp:	12598
Ion Ratio	Lower	Upper	
276	100		
138	2.5	28.0	42.0#
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.068 ng/ul m

RT: 26.56 min Scan# 4335

Delta R.T. -0.02 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Instrument :

BNA_E

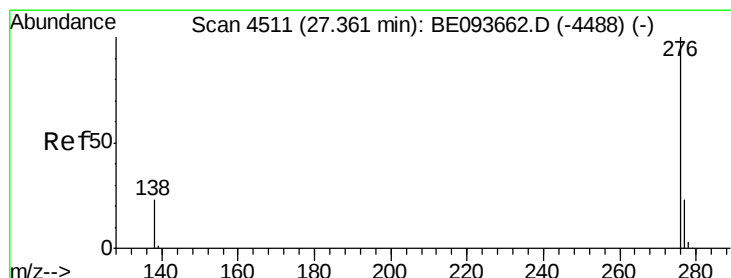
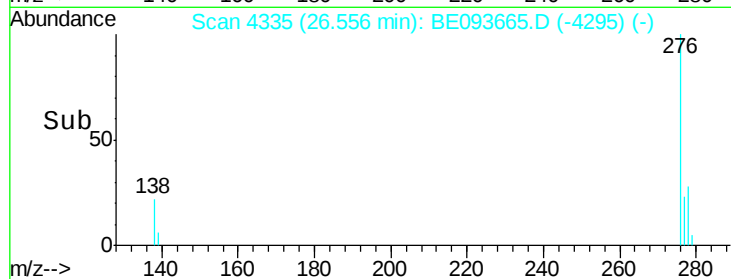
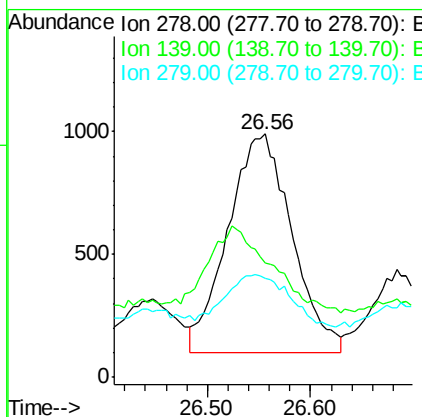
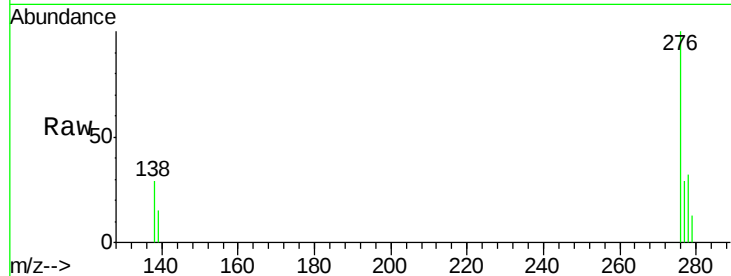
ClientSampled :

C0AA4

Tgt Ion:	278	Resp:	3809
Ion Ratio	Lower	Upper	
278	100		
139	47.1	17.4	26.0#
279	40.6	25.9	38.9#

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:07 PM



#26

Benzo(g,h,i)perylene

Concen: 0.244 ng/ul m

RT: 27.36 min Scan# 4511

Delta R.T. -0.00 min

Lab File: BE093665.D

Acq: 4 Aug 2017 11:15

Tgt Ion:	276	Resp:	13772
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.8	32.8
277	27.1	20.5	30.7

