

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096189.D
 Acq On : 26 Apr 2018 21:08
 Operator : SJ/JU
 Sample : J2449-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0

Manual Integrations
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Sohil
 4/27/2018 7:29:30 PM

Quant Time: Apr 27 05:55:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	681	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2886	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1745	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3919m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	3528m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	4420m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1701	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	4526m	0.25	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	11107	1.382	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	7239	1.345	ng/ul	100
7) Acenaphthylene	14.68	152	17707	1.968	ng/ul	97
8) Acenaphthene	15.01	153	5912	0.912	ng/ul	92
9) Fluorene	15.98	166	8937	1.041	ng/ul	92
12) Phenanthrene	17.70	178	227462m	19.714	ng/ul	
13) Anthracene	17.79	178	38543m	3.330	ng/ul	
15) Fluoranthene	19.67	202	581185m	32.953	ng/ul	
17) Pyrene	20.03	202	413365	58.404	ng/ul#	76
18) Benzo(a)anthracene	21.74	228	248677m	23.282	ng/ul	
19) Chrysene	21.79	228	250331	25.505	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	330911m	19.772	ng/ul	
22) Benzo(k)fluoranthene	23.61	252	124886m	7.806	ng/ul	
23) Benzo(a)pyrene	24.25	252	233284m	16.044	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.16	276	155098m	7.917	ng/ul	
25) Dibenzo(a,h)anthracene	27.16	278	42250m	2.576	ng/ul	
26) Benzo(a,h,i)perylene	28.03	276	120741m	7.080	ng/ul	

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

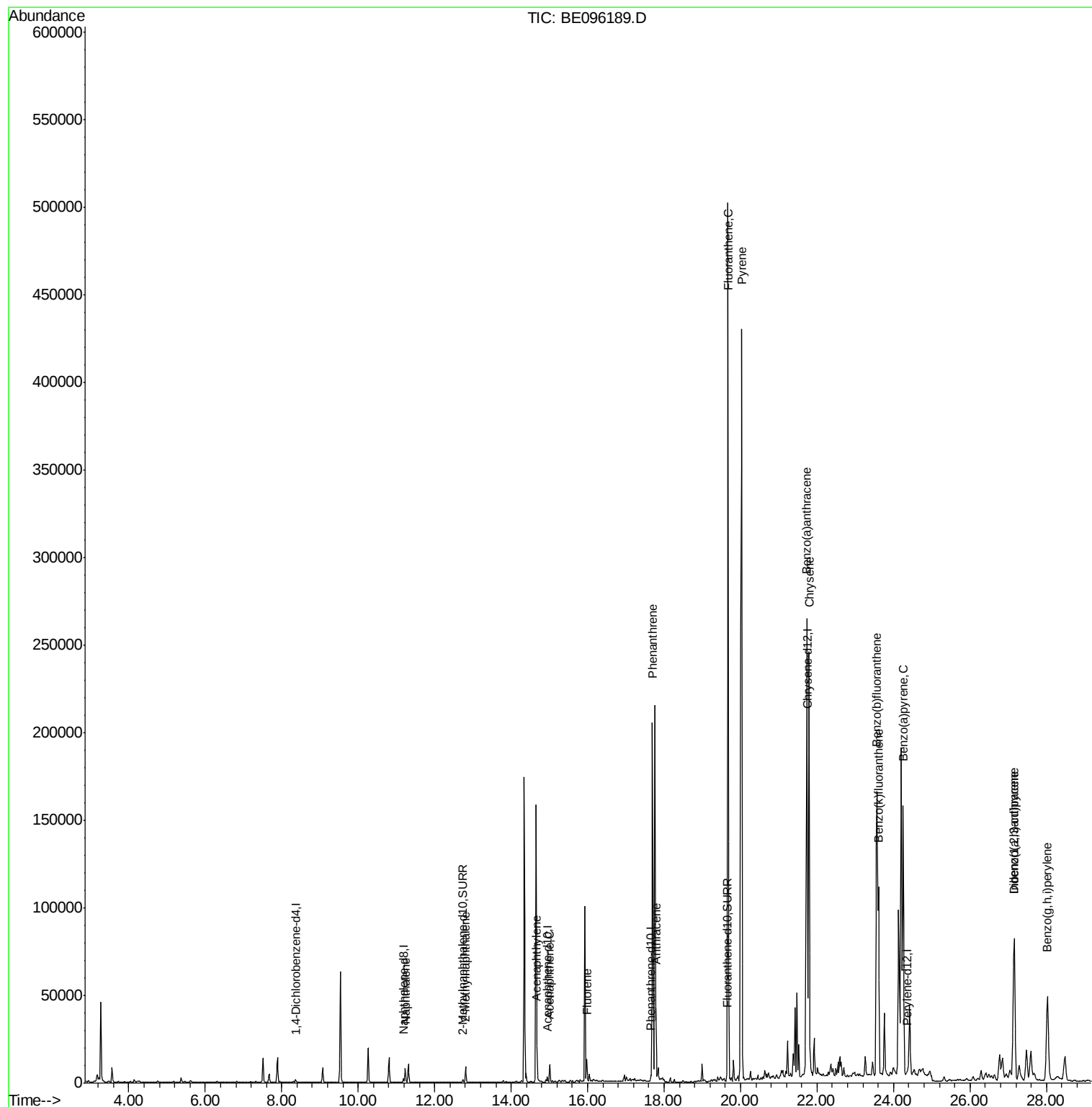
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
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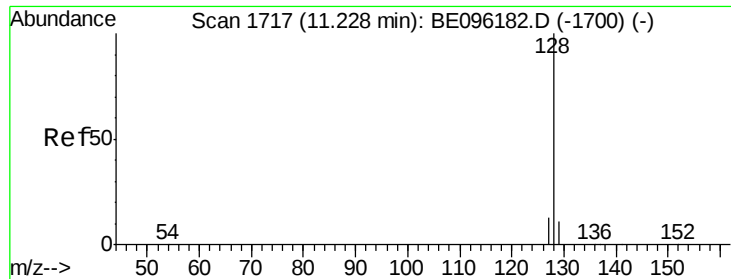
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#3

Naphthalene

Concen: 1.382 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Instrument :

BNA_E

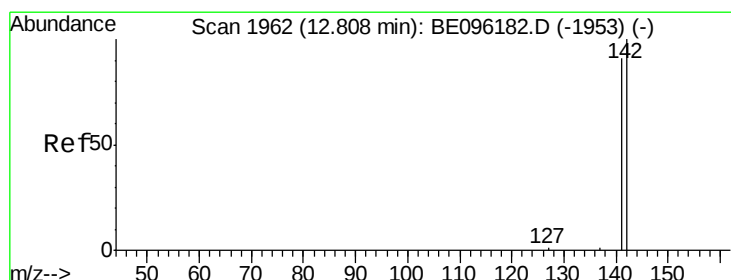
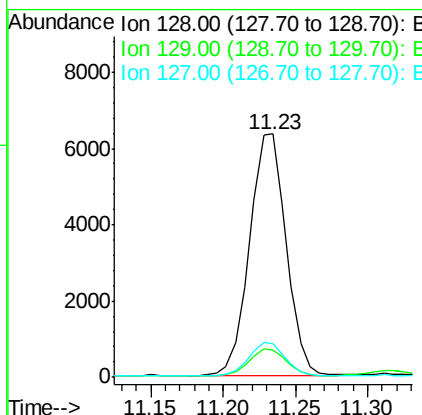
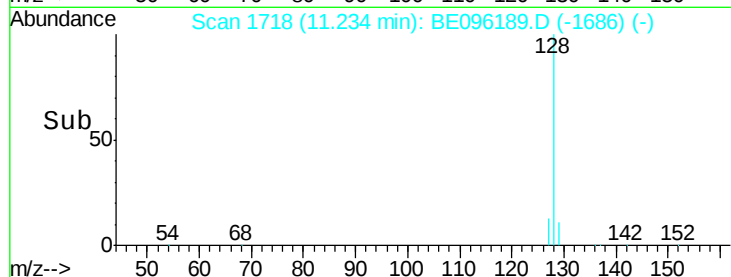
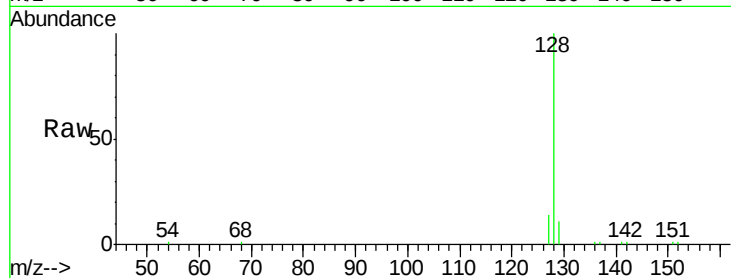
ClientSampleId :

C0AE0

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	13.9	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.345 ng/ul

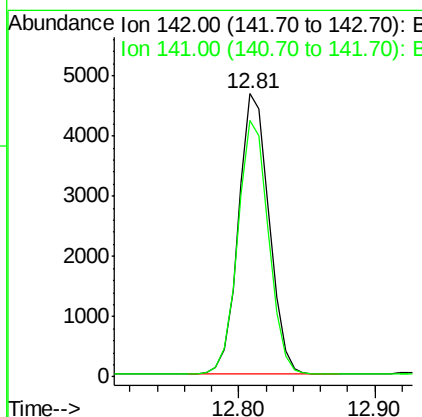
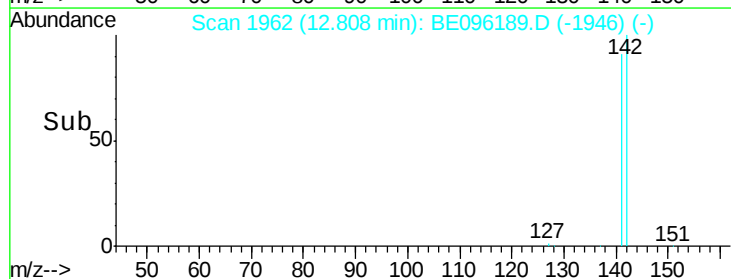
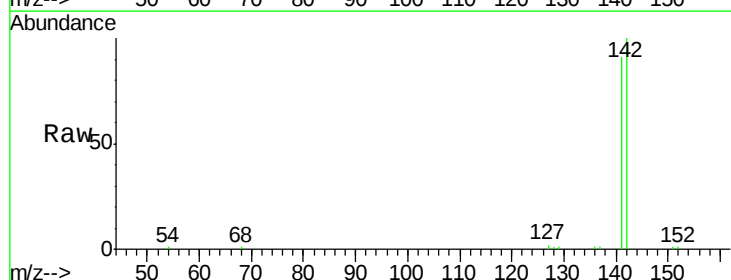
RT: 12.81 min Scan# 1962

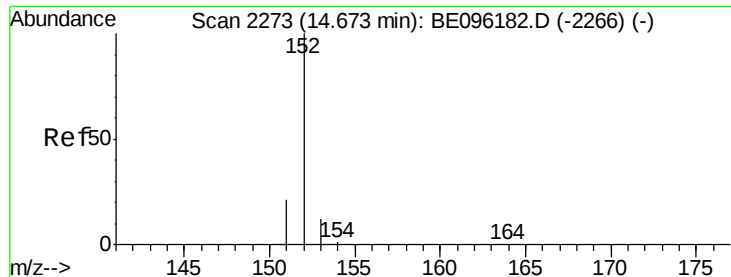
Delta R.T. 0.00 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	108.8





#7

Acenaphthylene

Concen: 1.968 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Instrument :

BNA_E

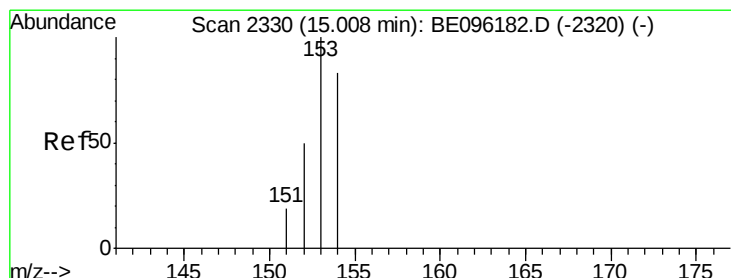
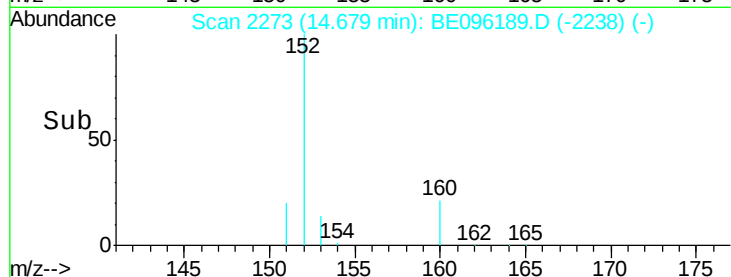
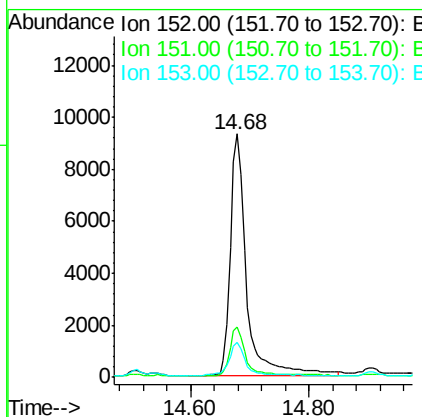
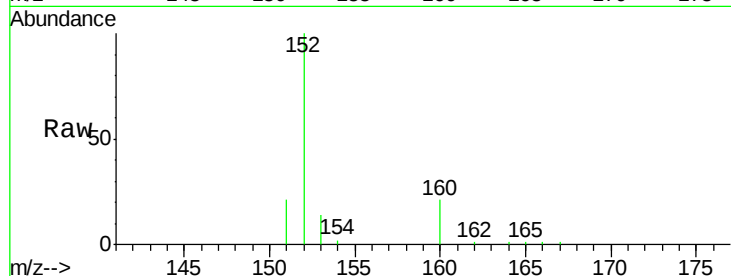
ClientSampleId :

C0AE0

Tot Ion:	152	Resp:	17707
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.1	25.7
153	14.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.912 ng/ul

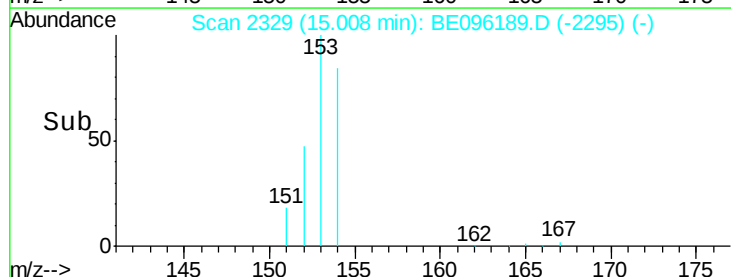
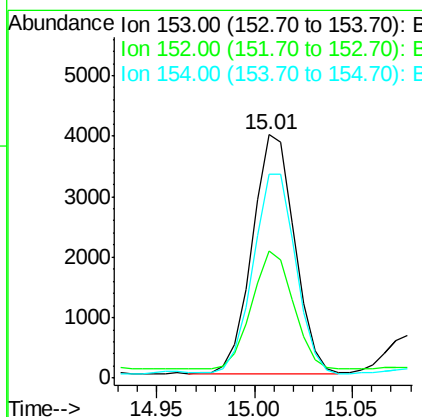
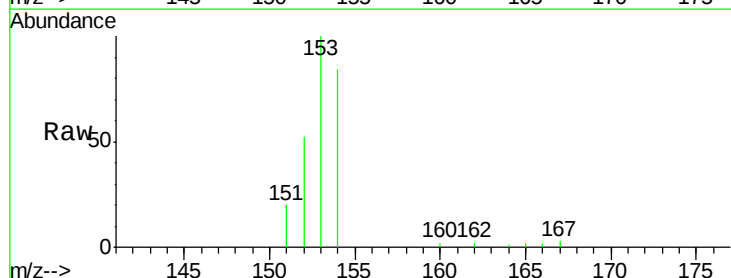
RT: 15.01 min Scan# 2329

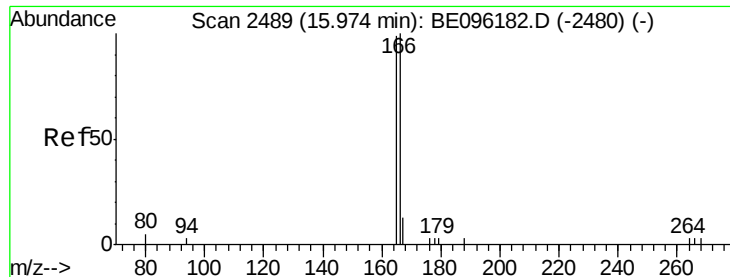
Delta R.T. -0.00 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Tgt Ion:	153	Resp:	5912
Ion Ratio	Lower	Upper	
153	100		
152	52.1	36.0	54.0
154	83.8	72.0	108.0





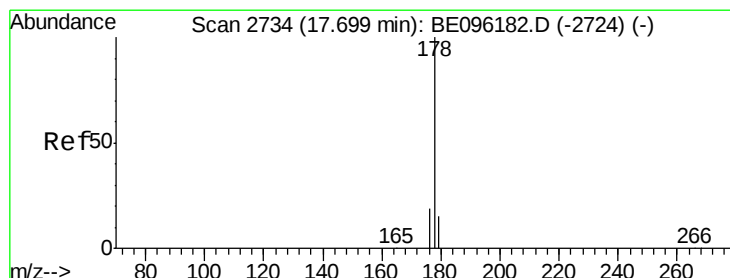
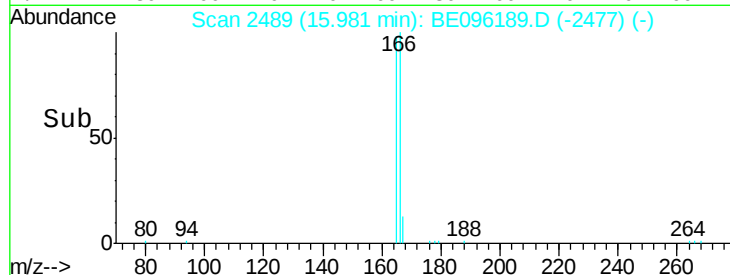
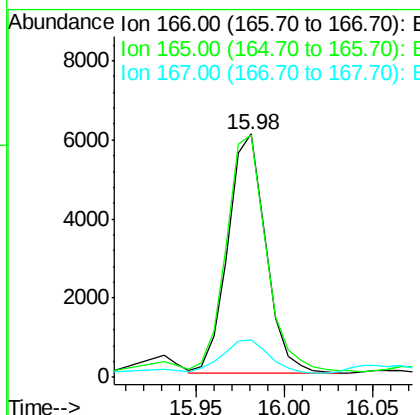
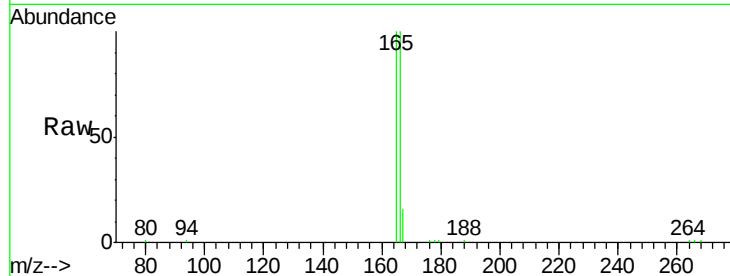
#9
Fluorene
 Concen: 1.041 ng/ul
 RT: 15.98 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BE096189.D
 Acq: 26 Apr 2018 21:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	15.6	14.6	22.0

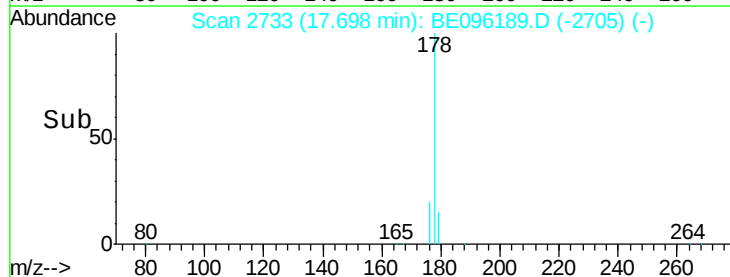
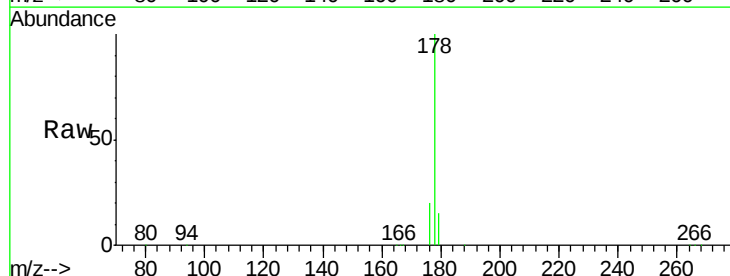
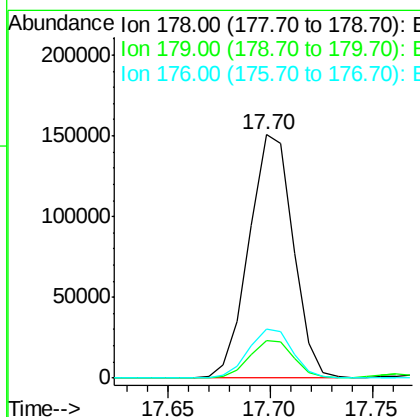
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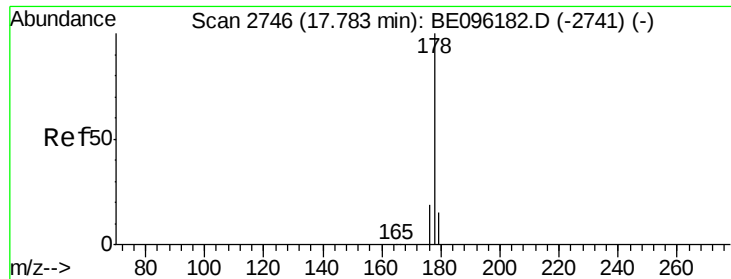
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#12
Phenanthrene
 Concen: 19.714 ng/ul m
 RT: 17.70 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BE096189.D
 Acq: 26 Apr 2018 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	20.4	13.6	20.4





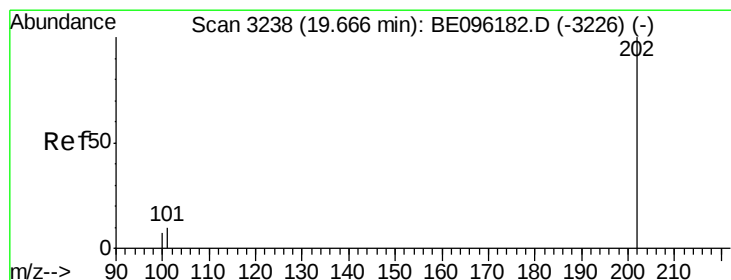
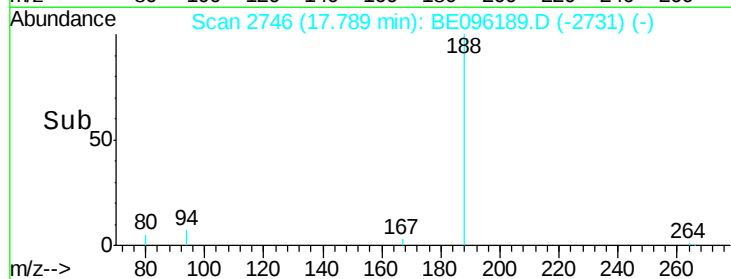
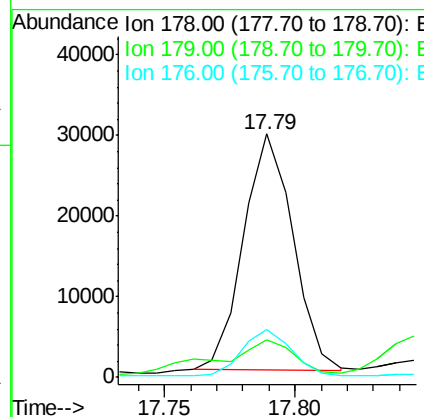
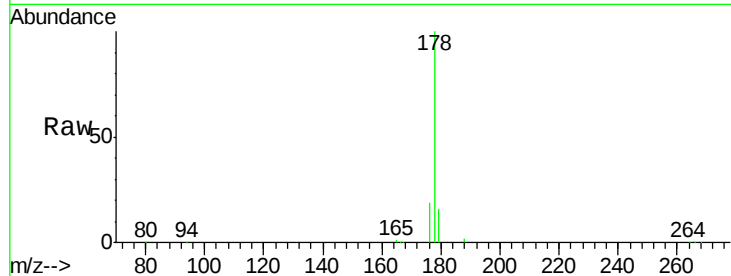
#13
 Anthracene
 Concen: 3.330 ng/ul m
 RT: 17.79 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE096189.D
 Acq: 26 Apr 2018 21:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	19.5	14.7	22.1

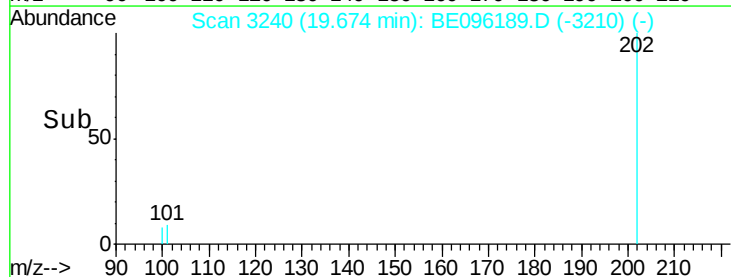
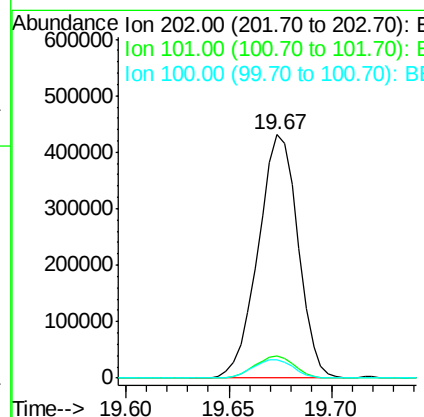
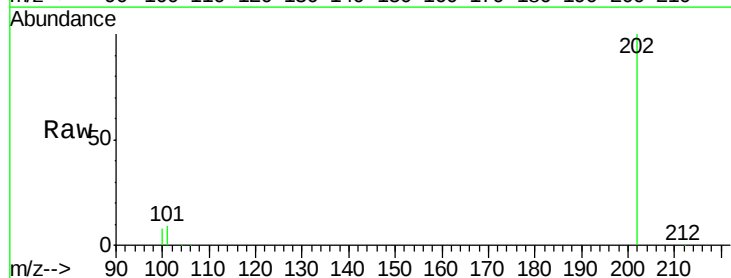
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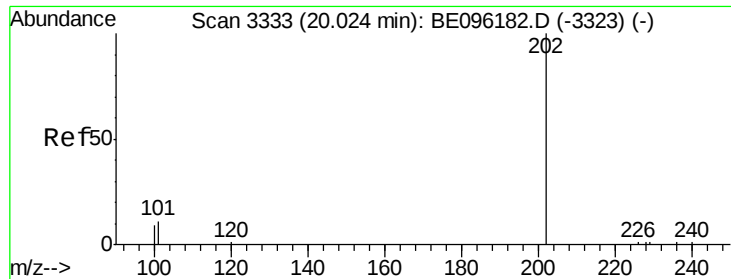
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#15
 Fluoranthene
 Concen: 32.953 ng/ul m
 RT: 19.67 min Scan# 3240
 Delta R.T. 0.01 min
 Lab File: BE096189.D
 Acq: 26 Apr 2018 21:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.3
100	7.6	0.0	39.5





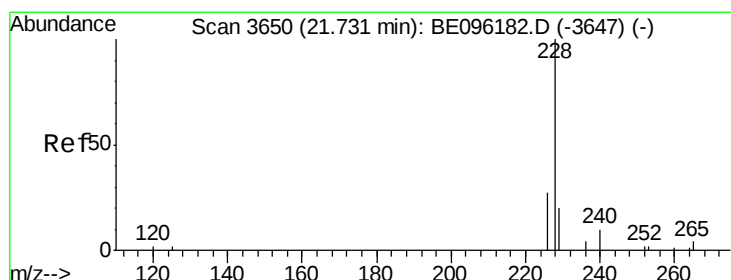
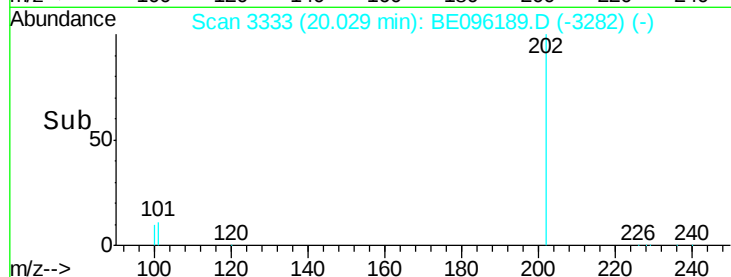
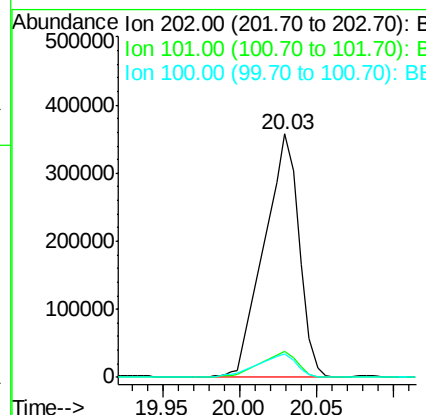
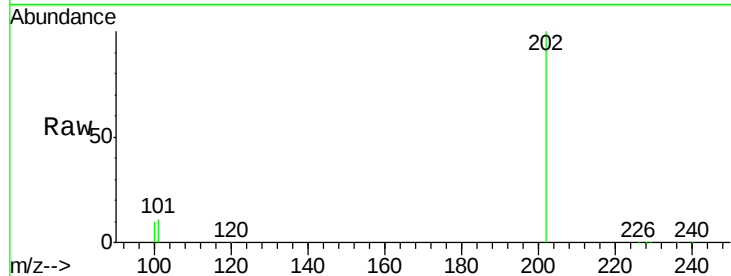
#17
Pvrene
Concen: 58.404 ng/ul
RT: 20.03 min Scan# 3333
Delta R.T. 0.01 min
Lab File: BE096189.D
Acq: 26 Apr 2018 21:08

Instrument :
BNA_E
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	18.2	27.4#
100	9.6	15.6	23.4#

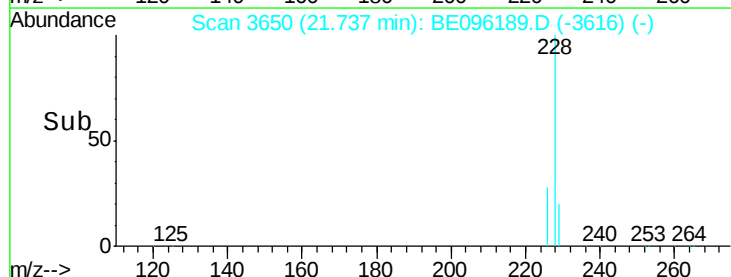
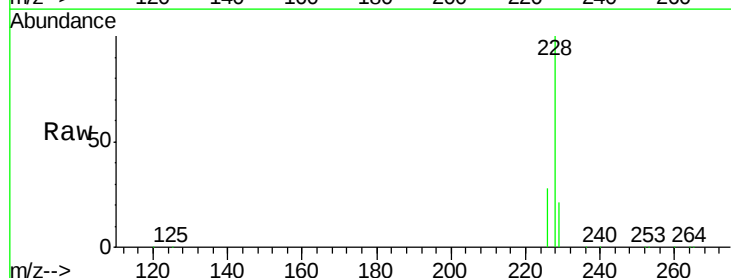
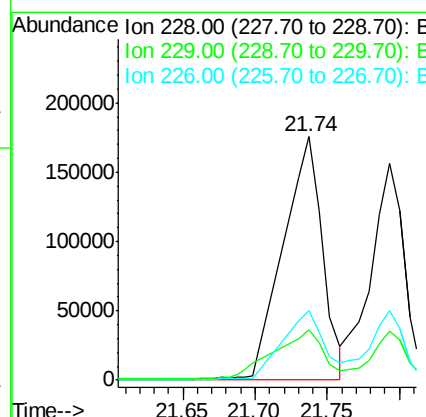
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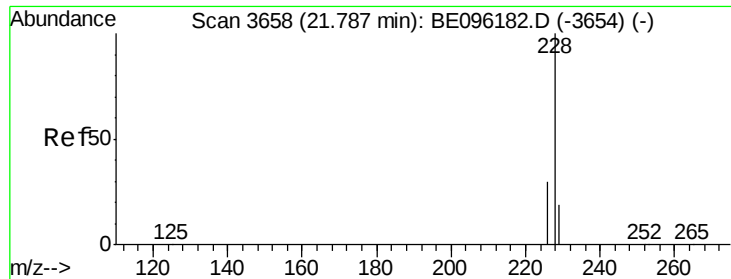
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#18
Benzo(a)anthracene
Concen: 23.282 ng/ul m
RT: 21.74 min Scan# 3650
Delta R.T. 0.01 min
Lab File: BE096189.D
Acq: 26 Apr 2018 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 25.505 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Instrument :

BNA_E

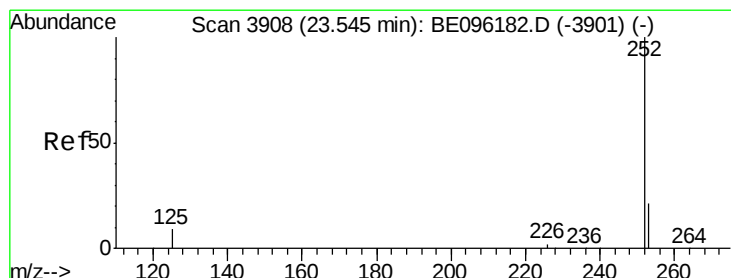
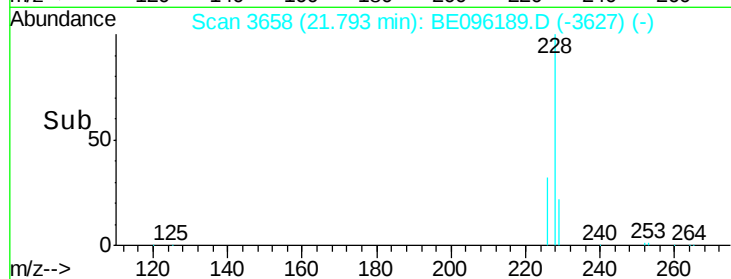
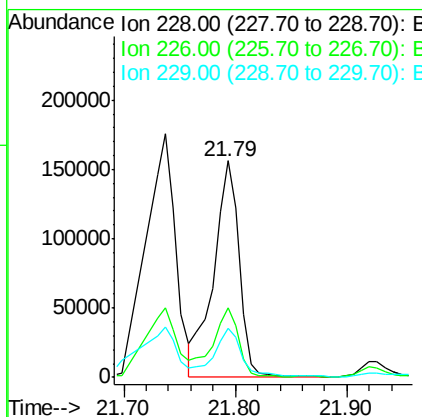
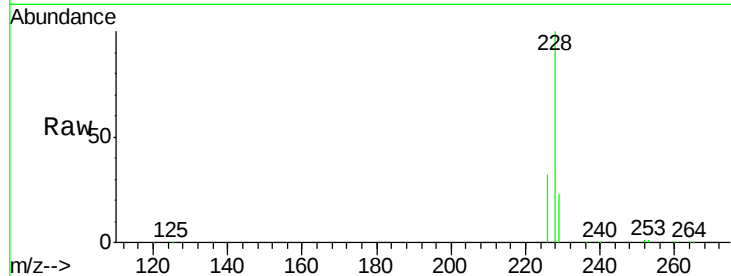
ClientSampleId :

C0AE0

Tot Ion:	228	Resp:	250331
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 19.772 ng/ul m

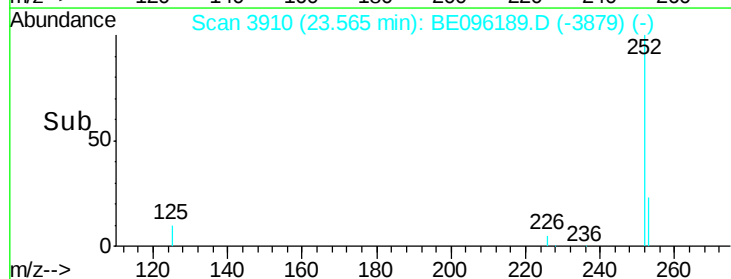
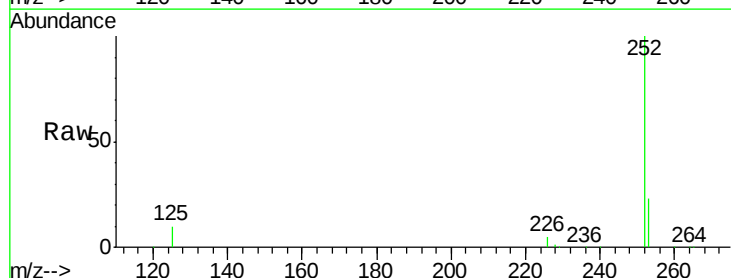
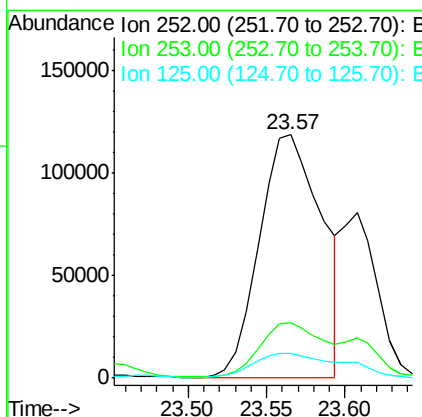
RT: 23.57 min Scan# 3910

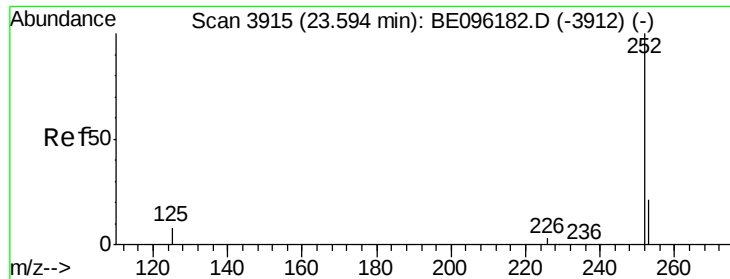
Delta R.T. 0.02 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Tgt Ion:	252	Resp:	330911
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	10.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 7.806 ng/ul m

RT: 23.61 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

Instrument :

BNA_E

ClientSampleId :

C0AE0

Tot Ion:252 Resp: 124886

Ion Ratio Lower Upper

252 100

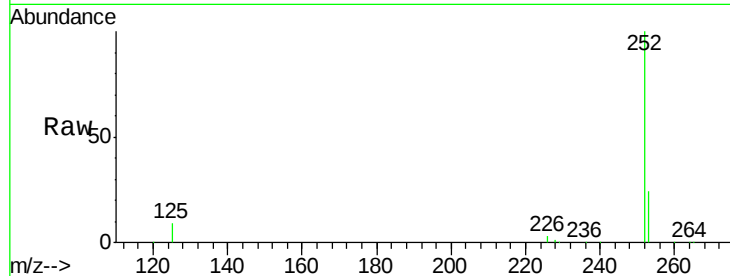
253 24.0 24.5 36.7#

125 9.2 13.7 20.5#

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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

150000

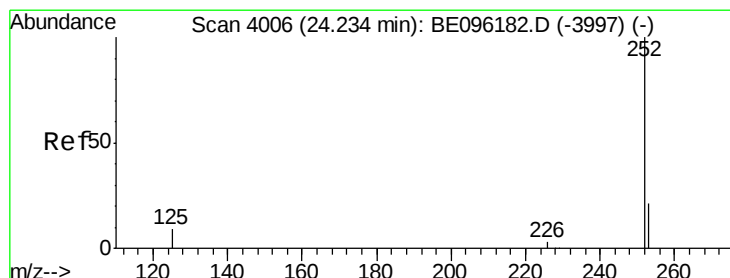
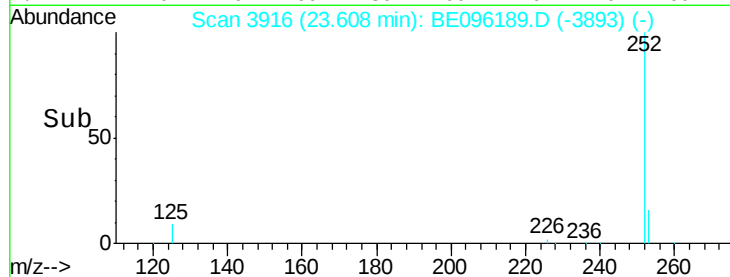
100000

50000

0

23.55 23.60 23.65 23.70

Time-->



#23

Benzo(a)pyrene

Concen: 16.044 ng/ul m

RT: 24.25 min Scan# 4008

Delta R.T. 0.02 min

Lab File: BE096189.D

Acq: 26 Apr 2018 21:08

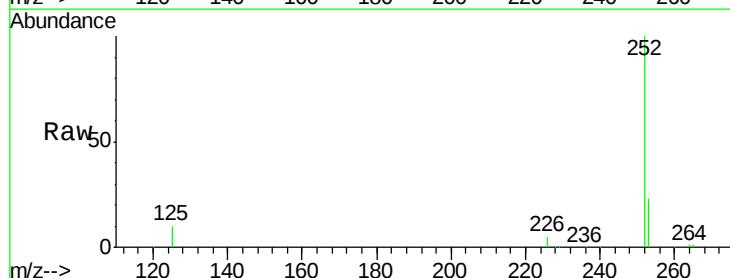
Tgt Ion:252 Resp: 233284

Ion Ratio Lower Upper

252 100

253 23.1 28.5 42.7#

125 9.8 18.1 27.1#



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

150000

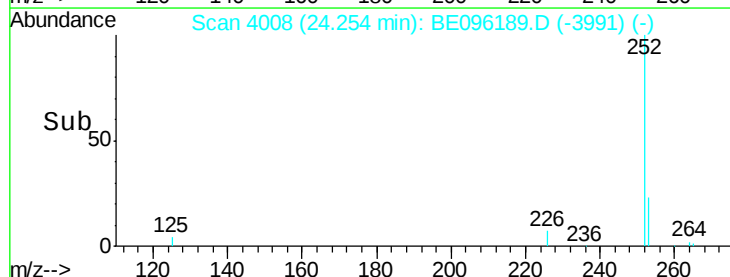
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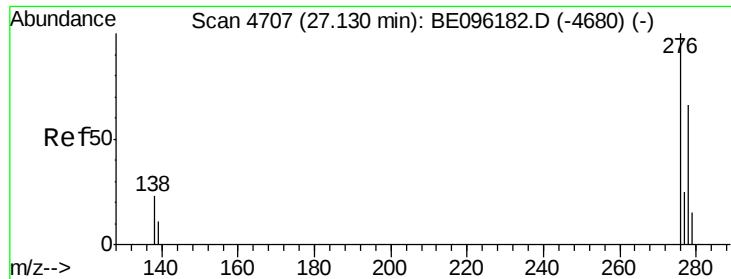
50000

0

24.20 24.25 24.30

Time-->





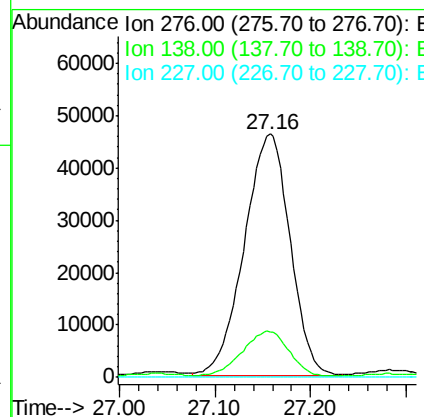
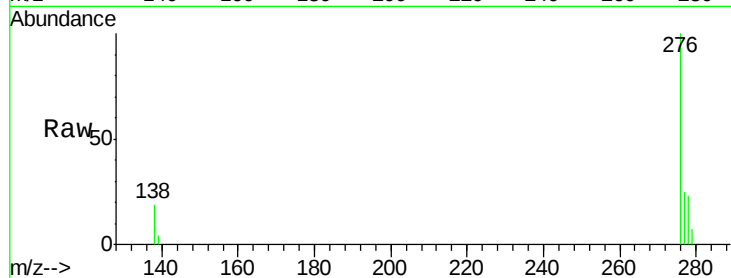
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.917 ng/ul m
 RT: 27.16 min Scan# 4714
 Delta R.T. 0.03 min
 Lab File: BE096189.D
 Acq: 26 Apr 2018 21:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0

Tot Ion	Ratio	Resp	Lower	Upper
276	100	155098		
138	18.4	28.0	42.0#	
227	0.0	8.0	12.0#	

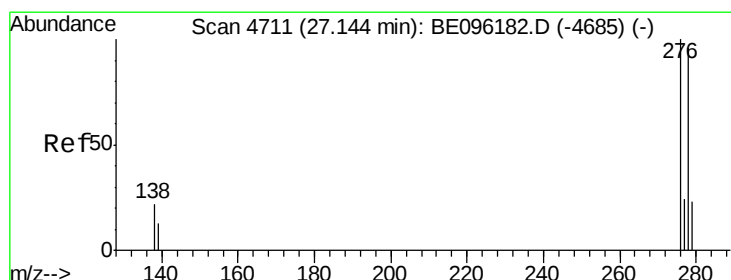
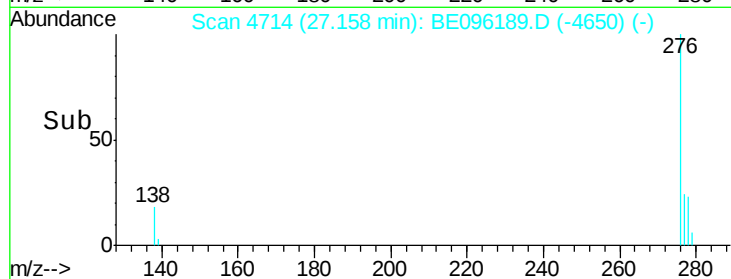
Manual Integrations
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Sohil
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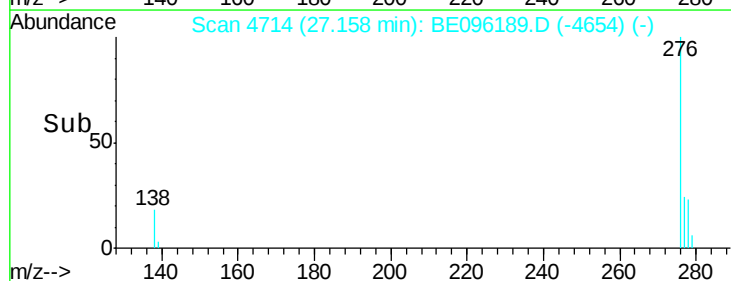
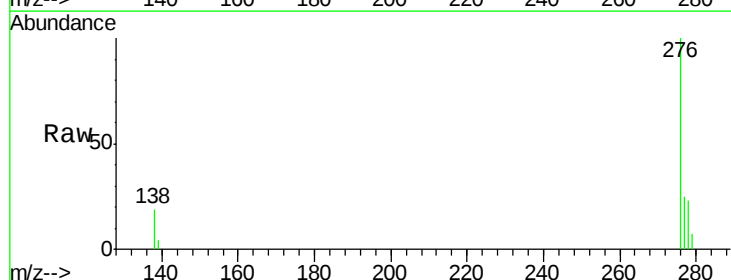
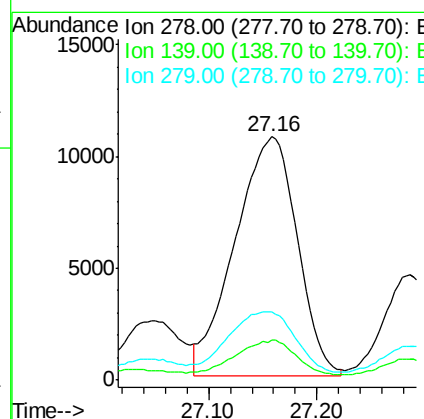
Sohil

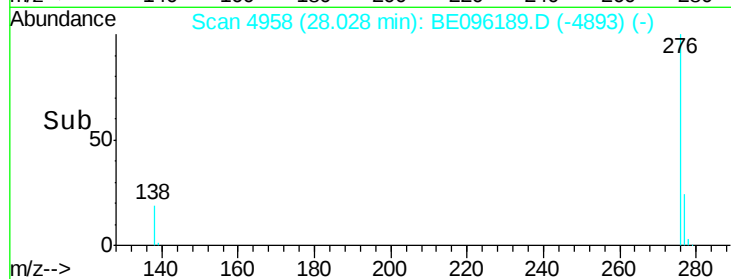
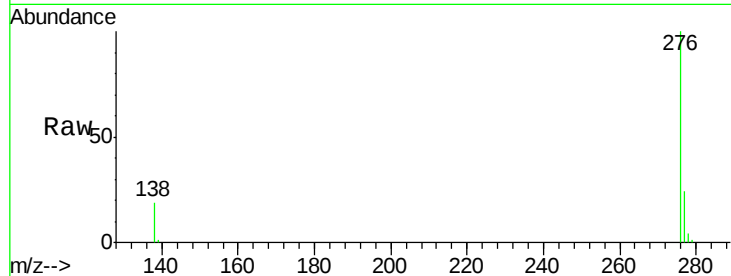
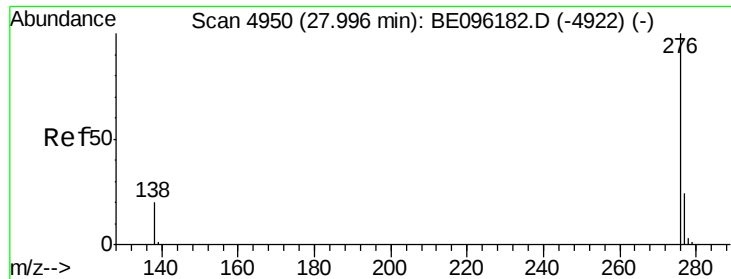
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.576 ng/ul m
 RT: 27.16 min Scan# 4714
 Delta R.T. 0.01 min
 Lab File: BE096189.D
 Acq: 26 Apr 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	42250		
139	16.4	17.4	26.0#	
279	28.0	25.9	38.9	





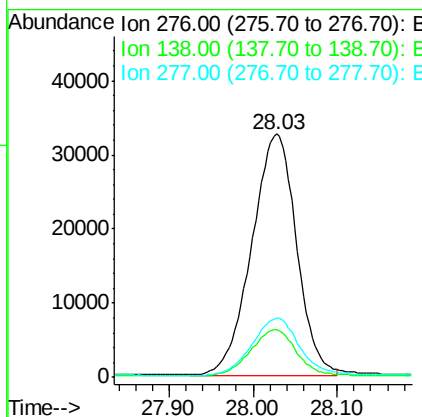
#26
Benzo(a,h,i)perylene
Concen: 7.080 ng/ul m
RT: 28.03 min Scan# 4958
Delta R.T. 0.03 min
Lab File: BE096189.D
Acq: 26 Apr 2018 21:08

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	21.8	32.8#
277	24.4	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
C0AE0

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:30 PM



Sohil

4/27/2018 7:29:30 PM