Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096178.D
Acq On : 26 Apr 2018 13:22
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 27 03:01:59 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 02:29:47 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
DASN9DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	693	0.40 ng/ul	0.00
2) Naphthalene-d8	11.18	136	2736	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1618	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3977m	0.40 ng/ul	0.00
16) Chrysene-d12	21.75	240	5576m	0.40 ng/ul	0.00
20) Perylene-d12	24.35	264	3924m	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.74	152	169	0.03 ng/ul	0.00
14) Fluoranthene-d10	19.64	212	488m	0.03 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	11.23	128	1941	0.255 ng/ul#	78
5) 2-Methylnaphthalene	12.81	142	7465	1.463 ng/ul	100
7) Acenaphthylene	14.67	152	3083	0.370 ng/ul#	83
8) Acenaphthene	15.01	153	65147	10.833 ng/ul	93
9) Fluorene	15.98	166	179362	22.541 ng/ul#	92
12) Phenanthrene	17.71	178	1232289m	105.242 ng/ul	
13) Anthracene	17.79	178	193164m	16.443 ng/ul	
15) Fluoranthene	19.67	202	759388m	42.429 ng/ul	
17) Pyrene	20.02	202	377209	33.721 ng/ul#	77
18) Benzo(a)anthracene	21.73	228	132576m	7.853 ng/ul	
19) Chrysene	21.79	228	125979	8.121 ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	88765m	5.974 ng/ul	
22) Benzo(k)fluoranthene	23.59	252	28568m	2.011 ng/ul	
23) Benzo(a)pyrene	24.24	252	57189m	4.430 ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.13	276	19346m	1.112 ng/ul	
25) Dibenzo(a,h)anthracene	27.13	278	5649m	0.388 ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	13845m	0.914 ng/ul	

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 27 03:01:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_E
ClientSampleId :
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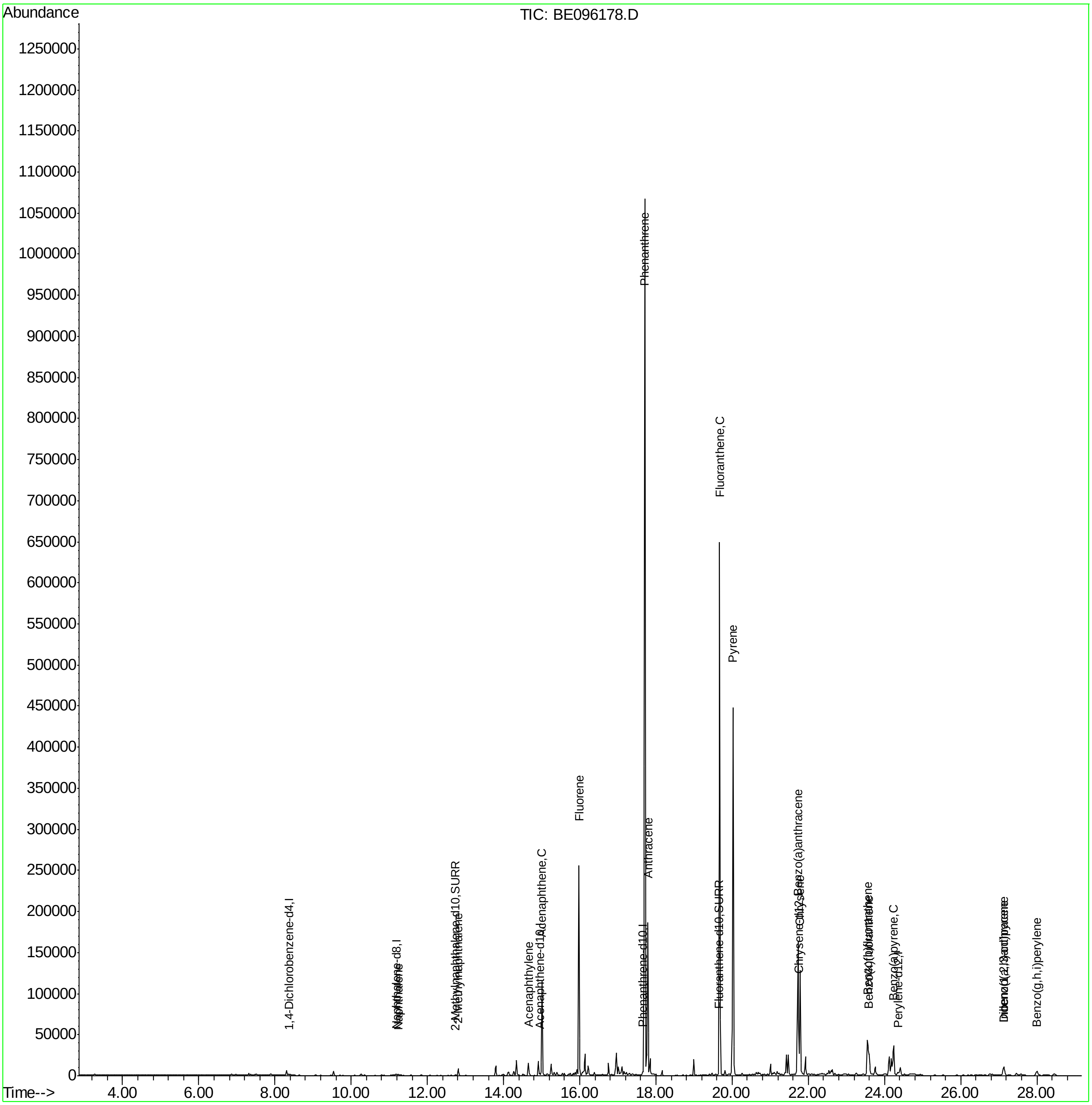

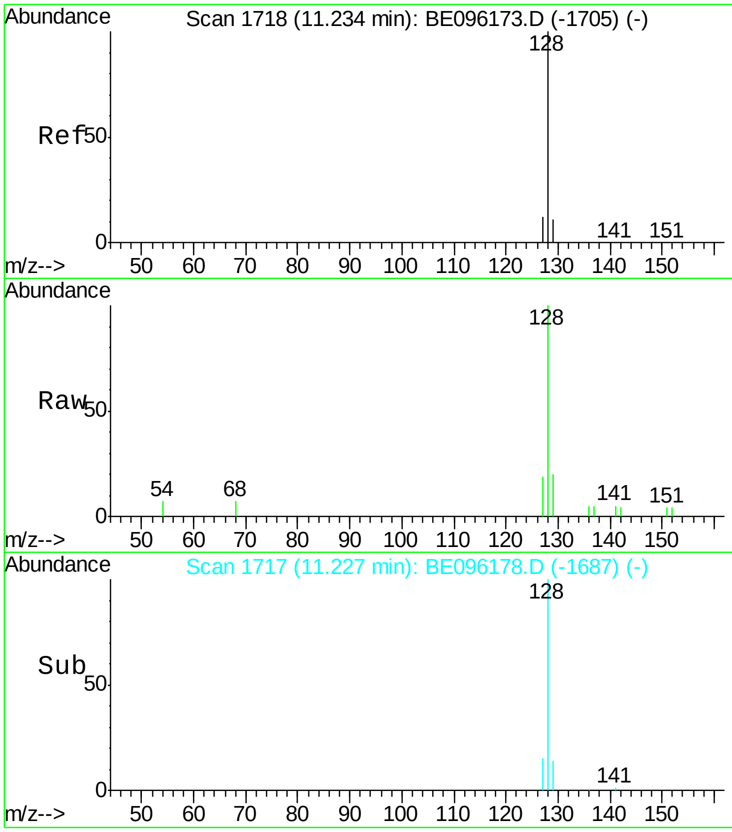


```
#3
Naphthalene
Concen:    0.255 ng/ul
RT: 11.23 min   Scan# 1717
Delta R.T.   -0.01 min
Lab File:   BE096178.D
Acq: 26 Apr 2018  13:22

Tgt Ion:128 Resp:    1941
Ion  Ratio  Lower  Upper
128  100
129   20.3   11.3   16.9#
127   19.1    4.0    6.0#
```

Instrument :
BNA_E
ClientSampleId :
DASN9DL

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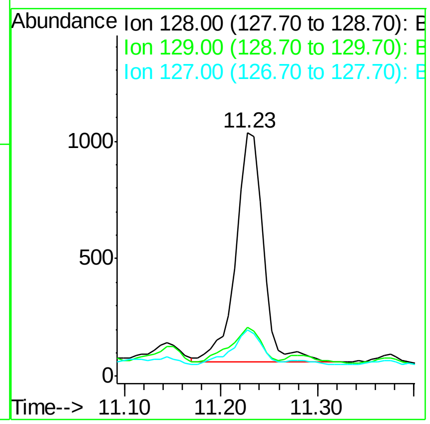
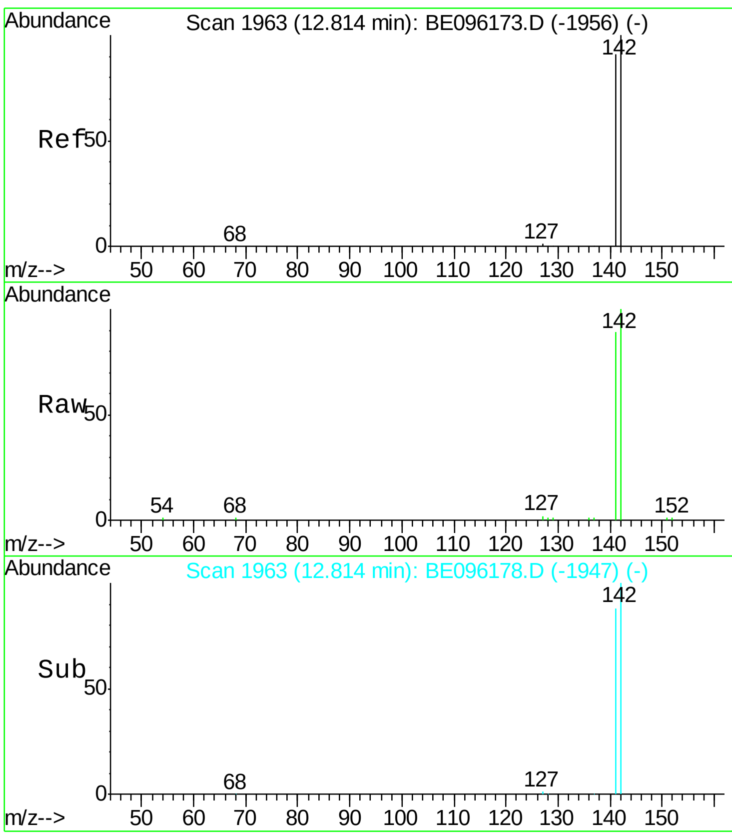
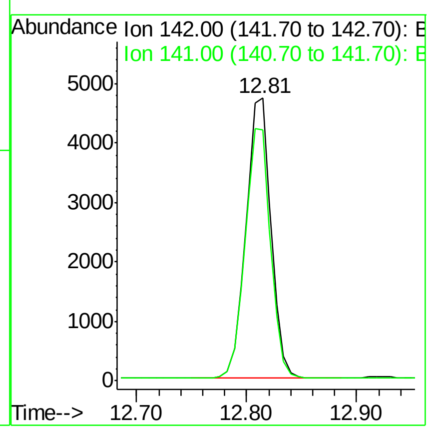
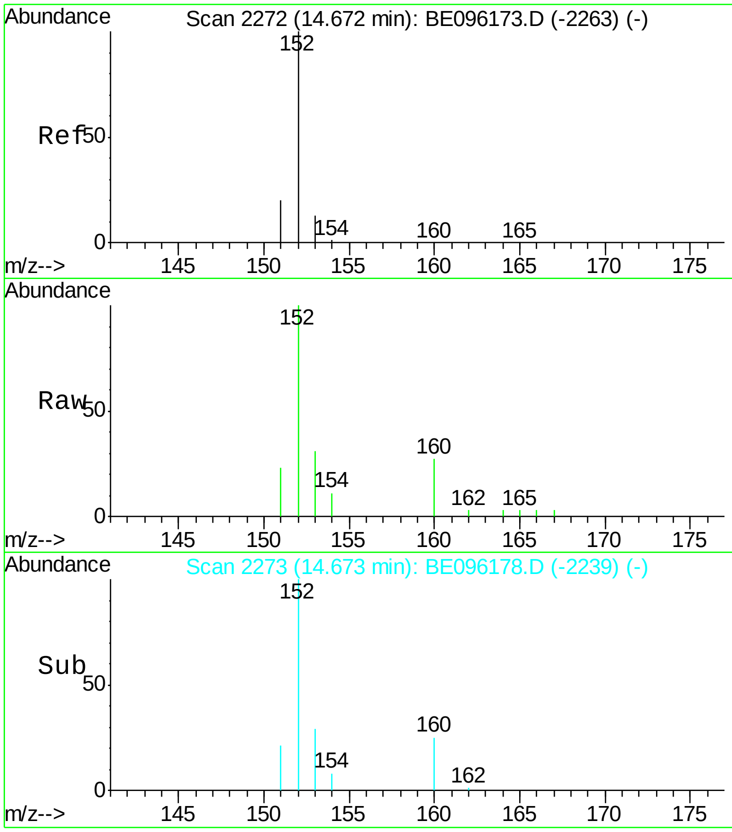





```
#5
2-Methylnaphthalene
Concen:    1.463 ng/ul
RT: 12.81 min   Scan# 1963
Delta R.T.    0.00 min
Lab File:   BE096178.D
Acq: 26 Apr 2018  13:22

Tgt Ion:142 Resp:    7465
Ion  Ratio  Lower  Upper
142  100
141   90.5   72.6  108.8
```





#7
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.67 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:152 Resp: 3083

Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.1	25.7
153	30.6	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
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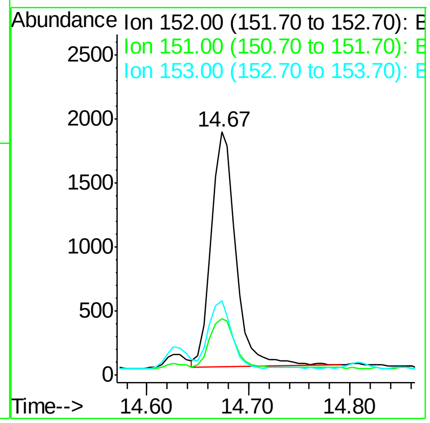
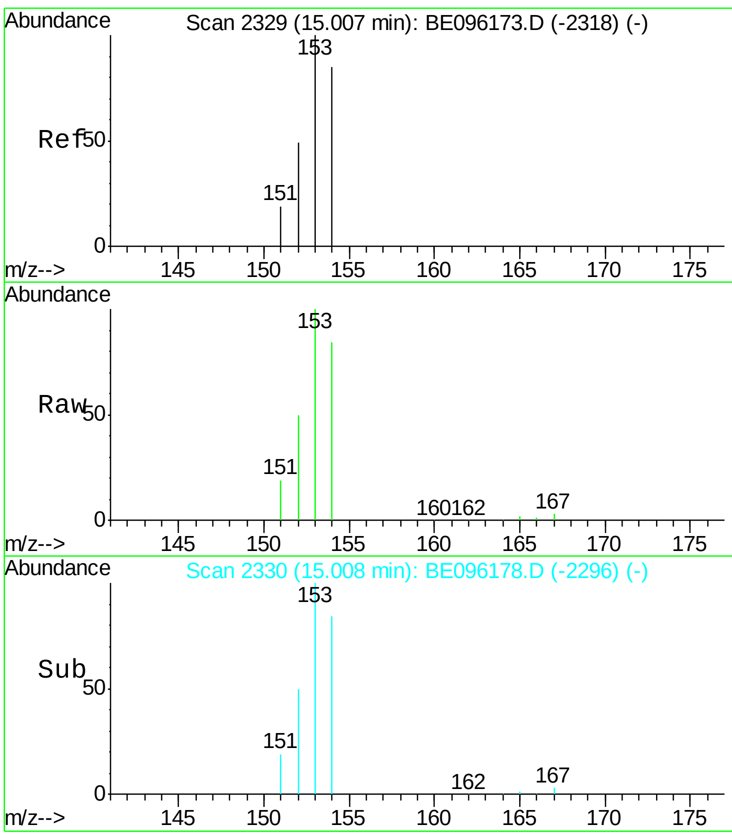
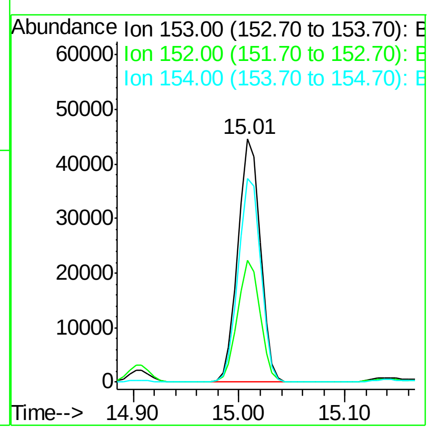


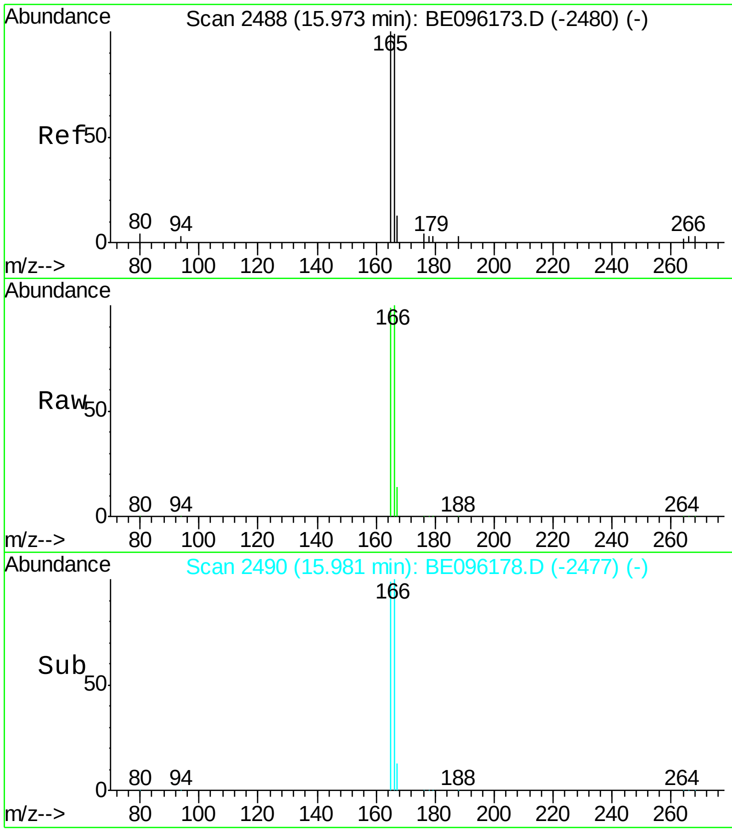


#8
Acenaphthene
Concen: 10.833 ng/ul
RT: 15.01 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:153 Resp: 65147

Ion	Ratio	Lower	Upper
153	100		
152	50.1	36.0	54.0
154	83.8	72.0	108.0





#9
Fluorene
Concen: 22.541 ng/ul
RT: 15.98 min Scan# 2490
Delta R.T. 0.01 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:166 Resp: 179362

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	13.7	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
DASN9DL

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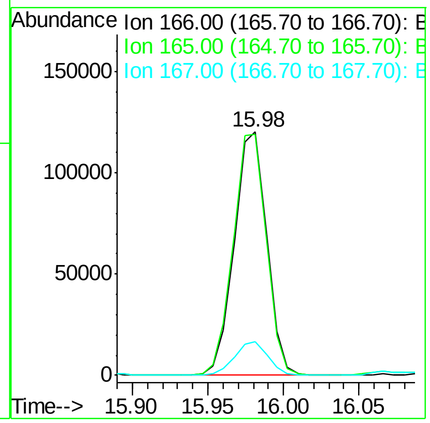
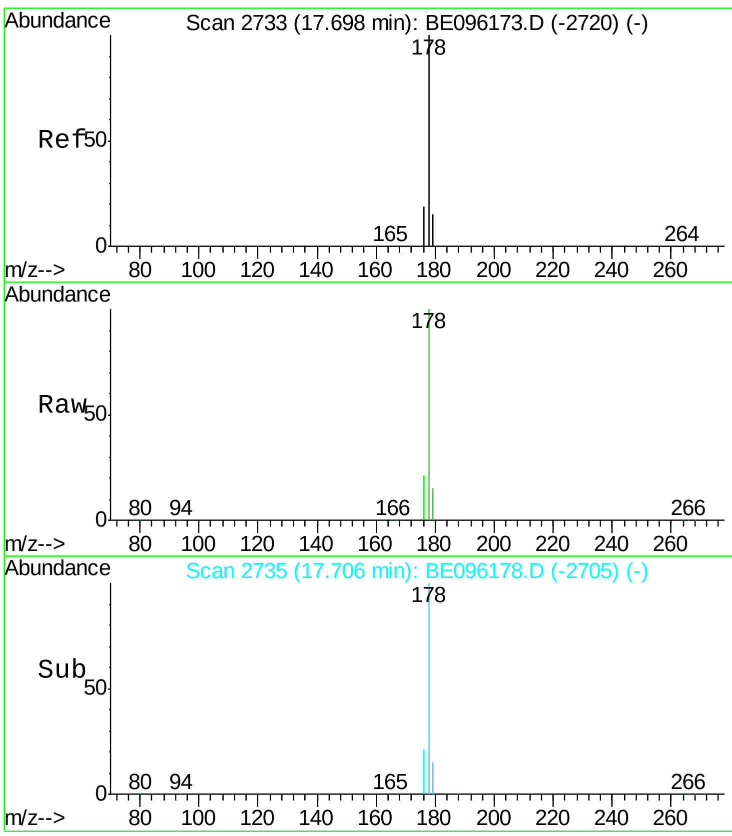
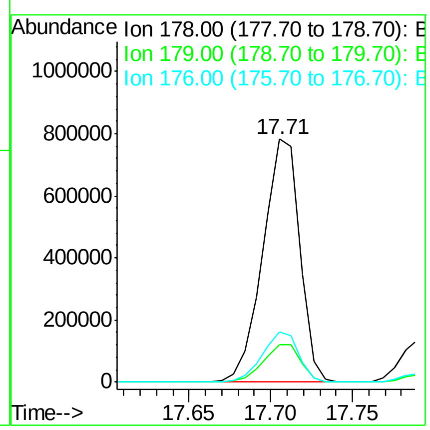


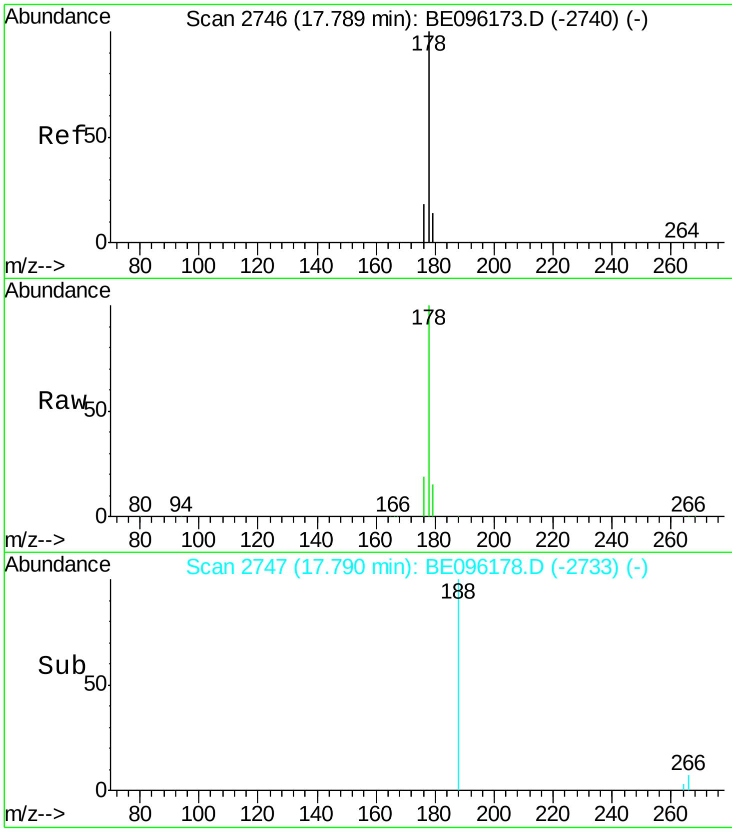


#12
Phenanthrene
Concen: 105.242 ng/ul m
RT: 17.71 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:178 Resp: 1232289

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	20.8	13.6	20.4#





#13
Anthracene
Concen: 16.443 ng/ul m
RT: 17.79 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:178 Resp: 193164

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.4	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
DASN9DL

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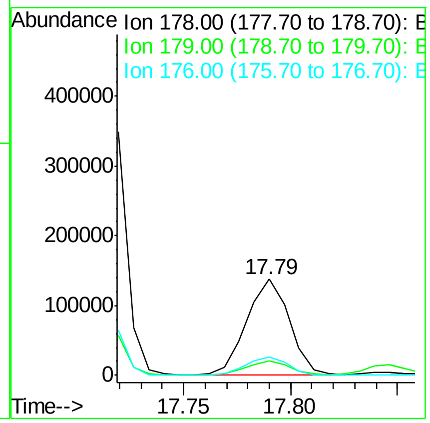
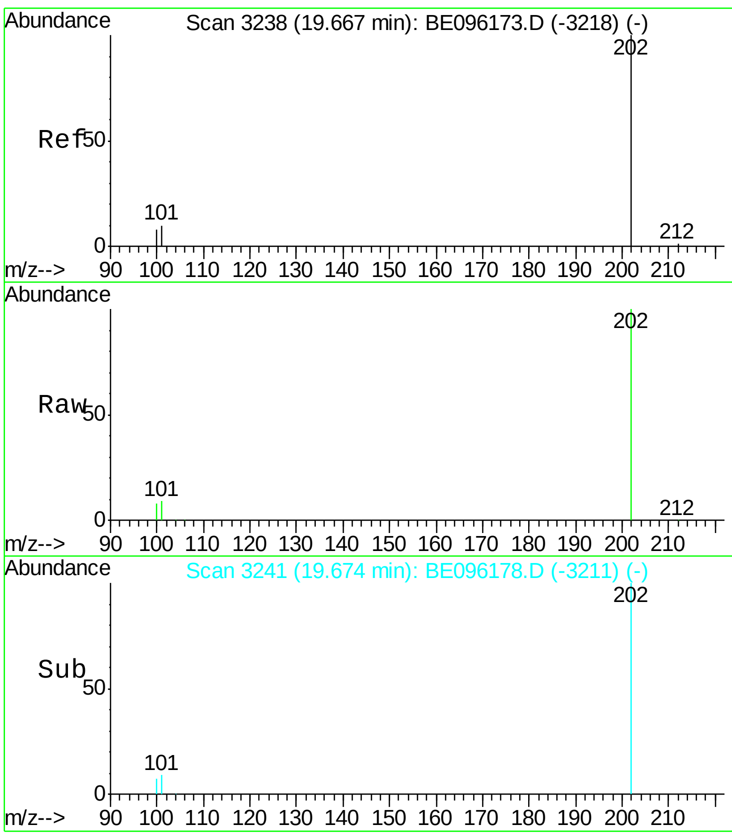
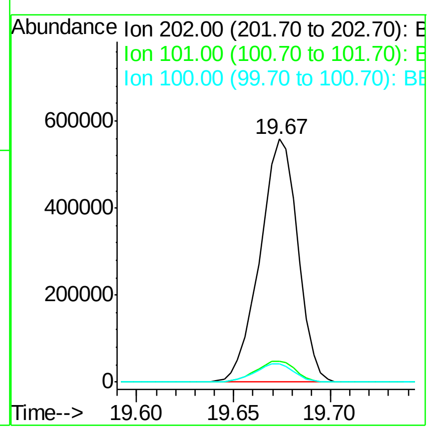


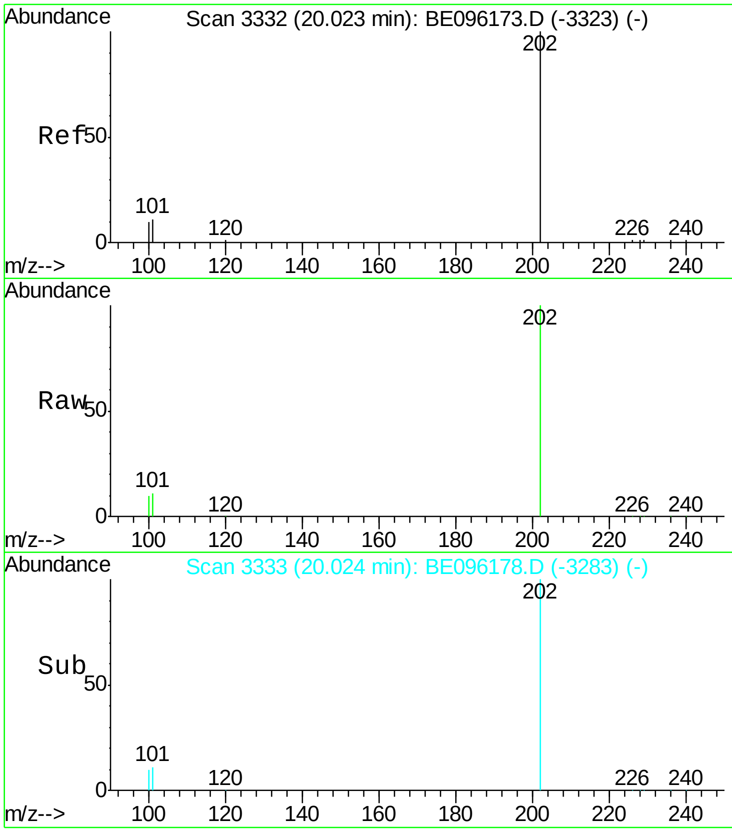


#15
Fluoranthene
Concen: 42.429 ng/ul m
RT: 19.67 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:202 Resp: 759388

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.3
100	7.5	0.0	39.5





#17
Pyrene
Concen: 33.721 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:202 Resp: 377209

Ion	Ratio	Lower	Upper
202	100		
101	11.0	18.2	27.4#
100	10.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
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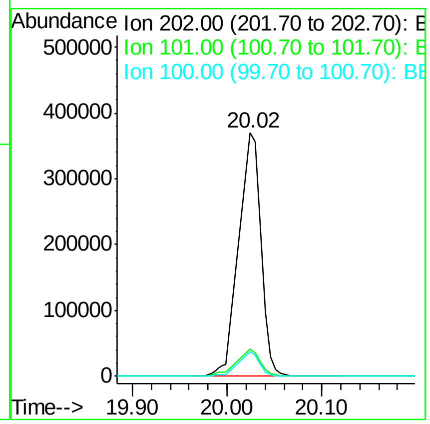
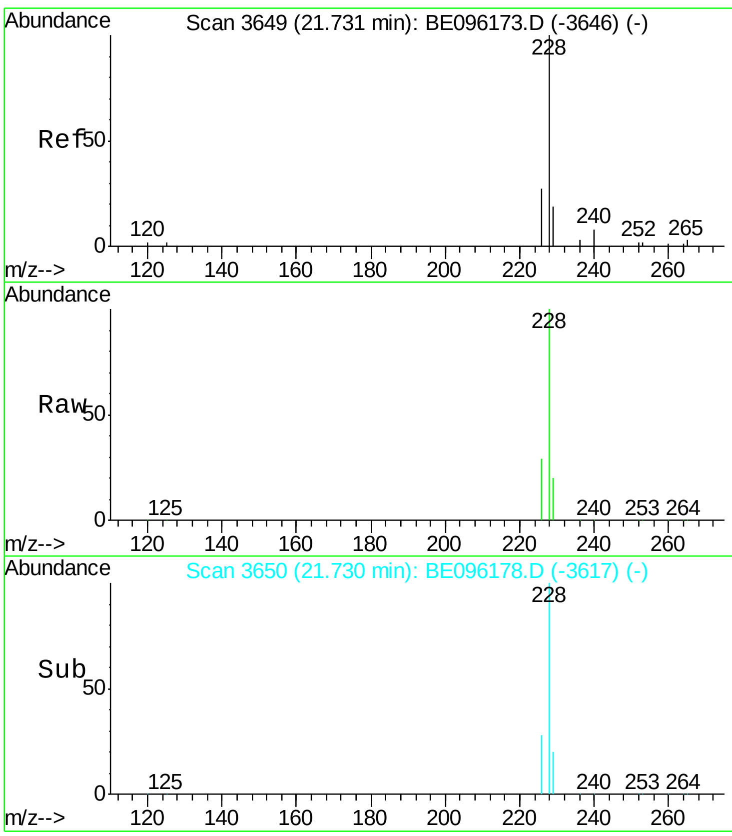
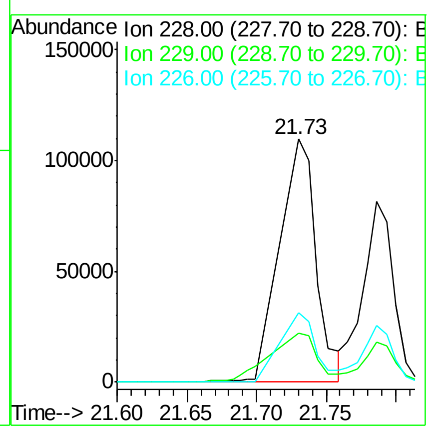


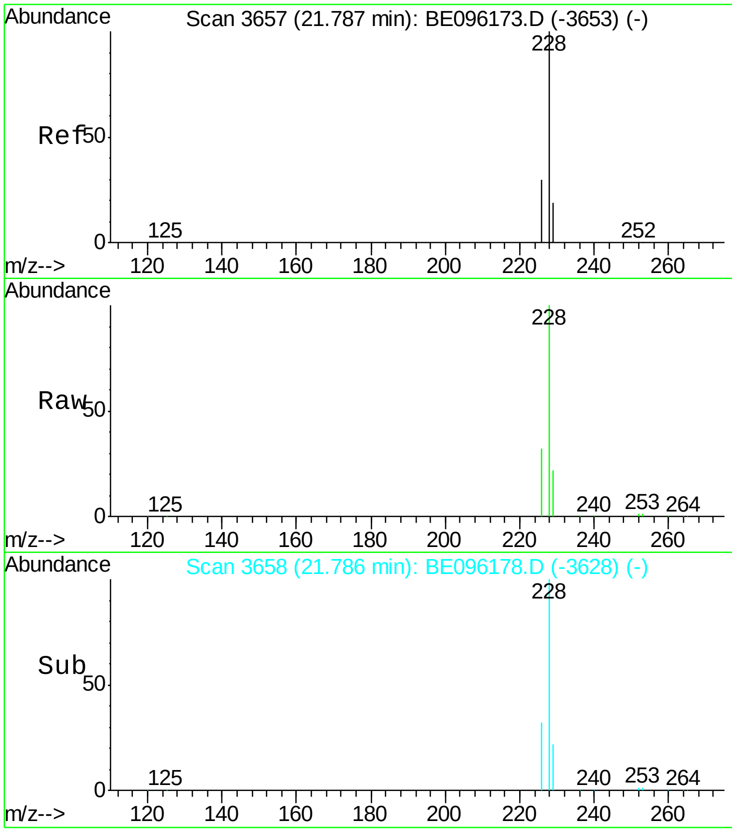


#18
Benzo(a)anthracene
Concen: 7.853 ng/ul m
RT: 21.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:228 Resp: 132576

Ion	Ratio	Lower	Upper
228	100		
229	20.1	22.8	34.2#
226	28.6	17.0	25.6#





#19
Chrysene
Concen: 8.121 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:228 Resp: 125979

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	22.1	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
DASN9DL

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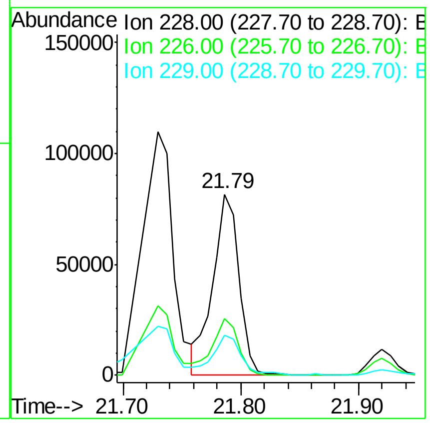
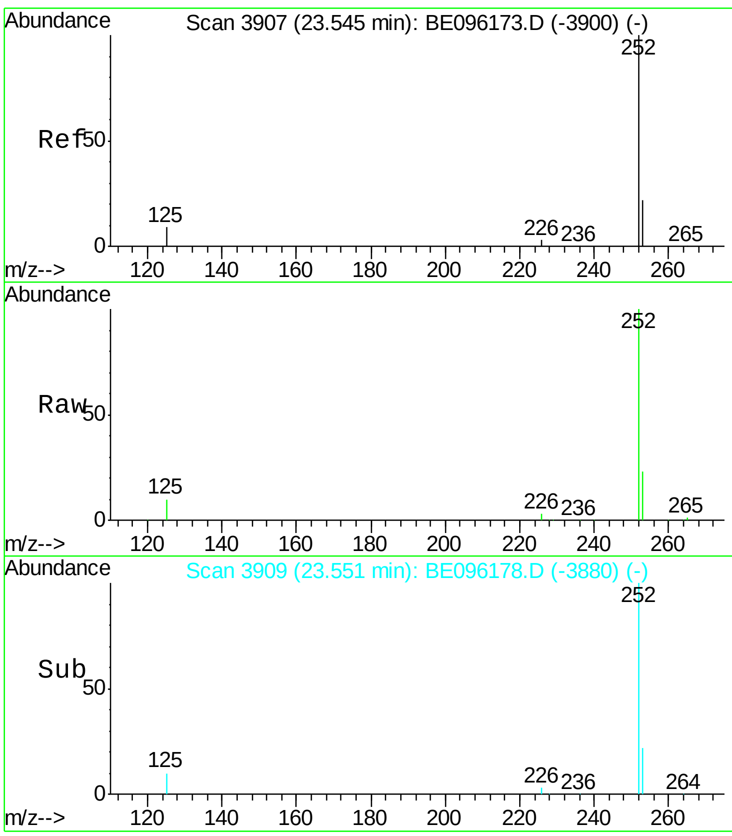
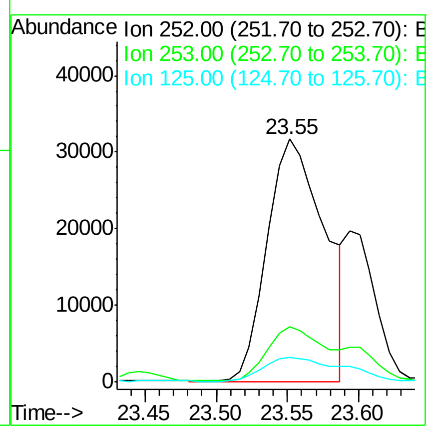


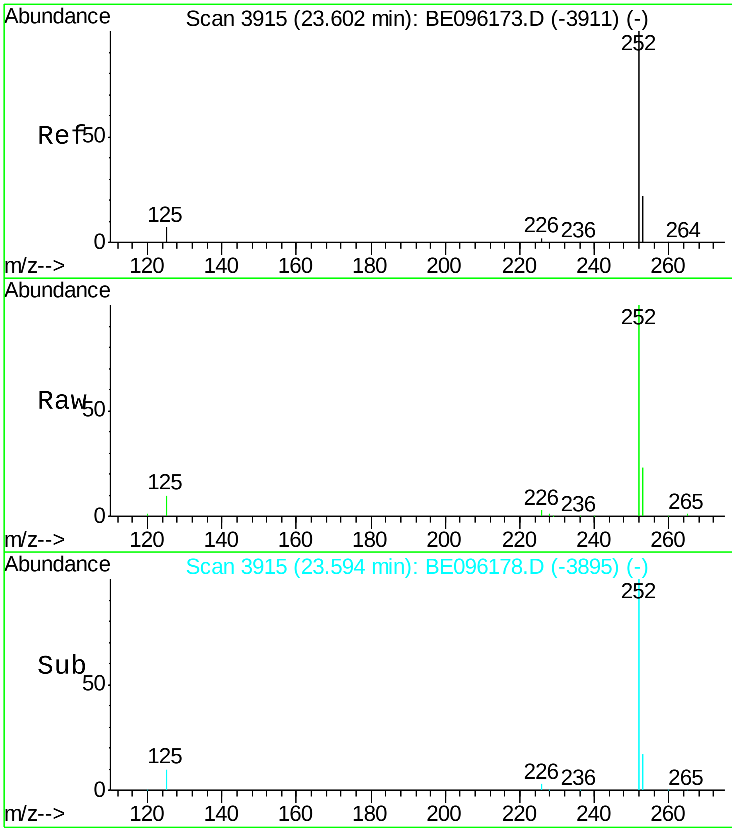


#21
Benzo(b)fluoranthene
Concen: 5.974 ng/ul m
RT: 23.55 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:252 Resp: 88765

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	10.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 2.011 ng/ul m
RT: 23.59 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:252 Resp: 28568

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.5	36.7#
125	10.3	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
DASN9DL

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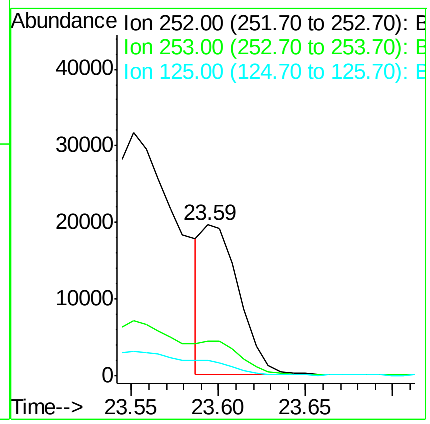
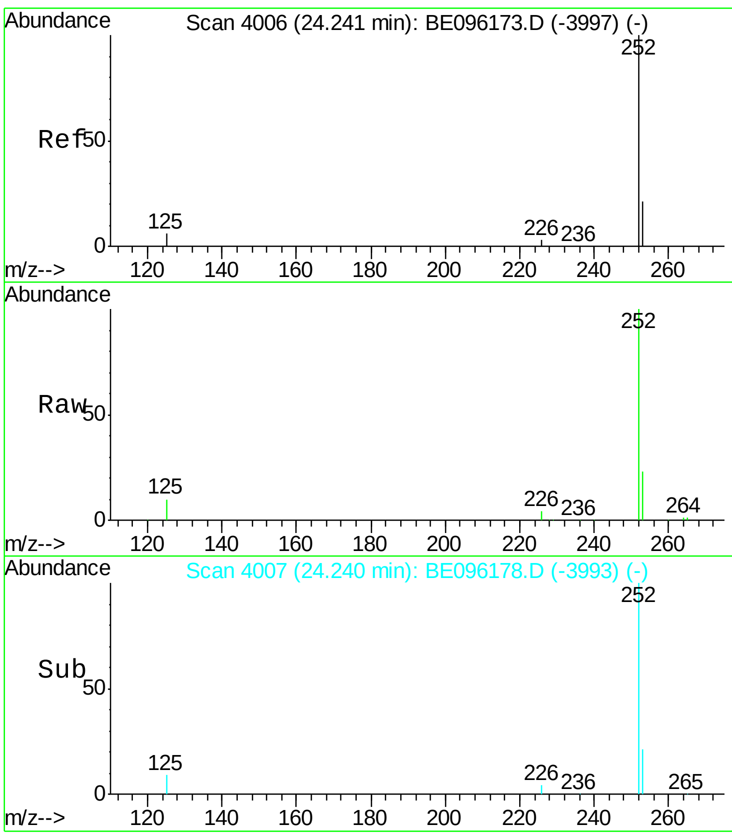
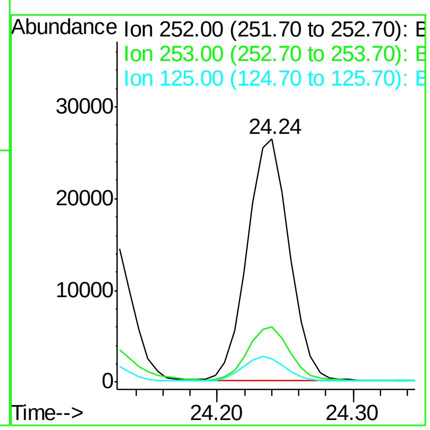


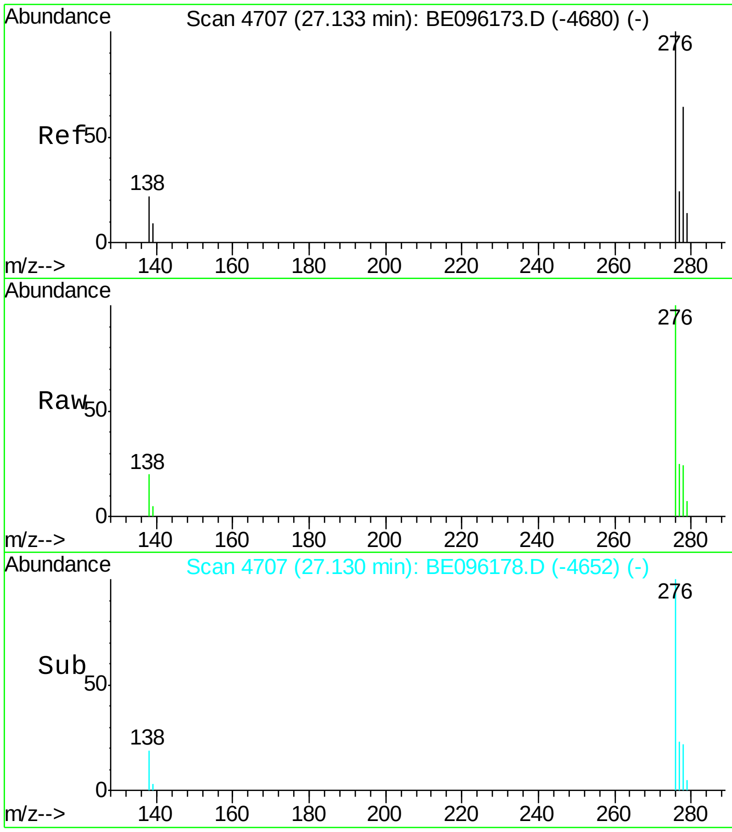


#23
Benzo(a)pyrene
Concen: 4.430 ng/ul m
RT: 24.24 min Scan# 4007
Delta R.T. -0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:252 Resp: 57189

Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.112 ng/ul m
RT: 27.13 min   Scan# 4707
Delta R.T.   -0.00 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:276 Resp: 19346

Ion	Ratio	Lower	Upper
276	100		
138	18.7	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
DASN9DL

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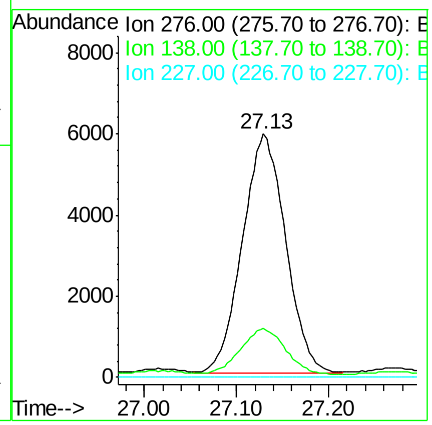
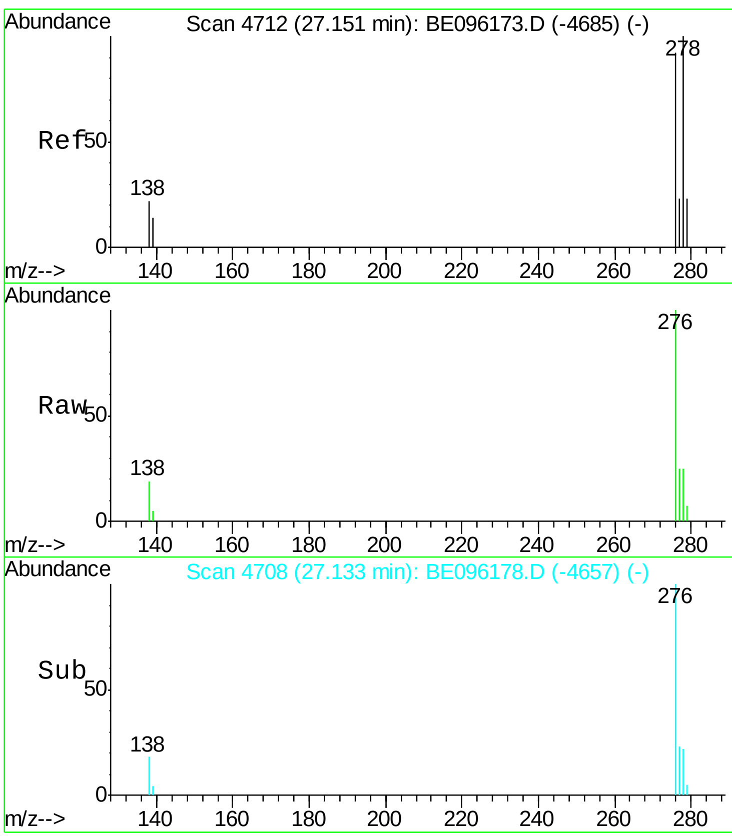
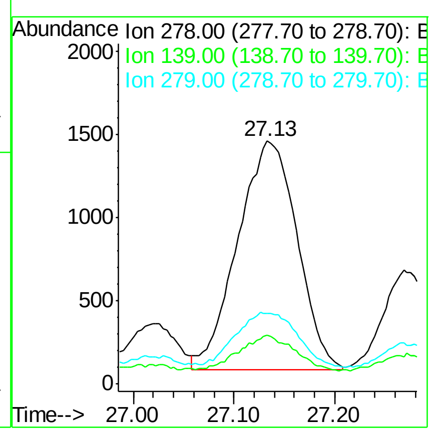


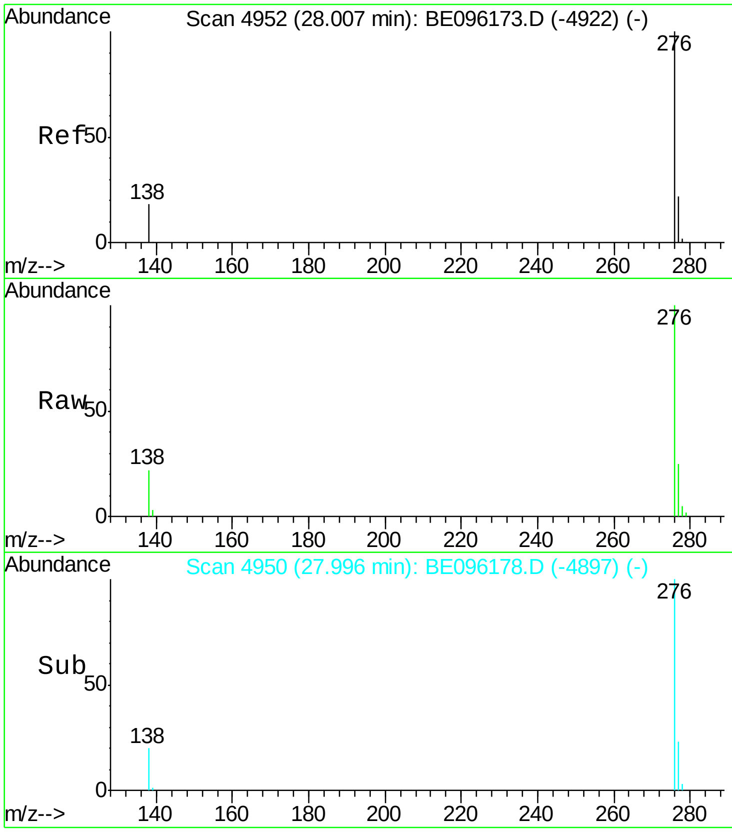


#25
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul m
RT: 27.13 min   Scan# 4708
Delta R.T.   -0.02 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:278 Resp: 5649

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.4	26.0
279	29.2	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.914 ng/ul m
RT: 28.00 min Scan# 4950
Delta R.T. -0.01 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:276 Resp: 13845

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.8	32.8#
277	24.7	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
DASN9DL

Manual Integrations APPROVED

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