Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
Data File : BM008466.D
Acq On : 20 Dec 2016 05:59
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA823

Manual Integrations APPROVED
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Quant Time: Dec 20 07:45:47 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	486	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1712	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1095	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1940m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1723	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1626m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	578	0.22	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1728m	0.32	ng/ul	-0.03
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1268	0.26	ng/ul#	92
5) 2-Methylnaphthalene	12.10	142	1488	0.46	ng/ul	95
8) Acenaphthene	14.35	153	352	0.09	ng/ul#	90
9) Fluorene	15.34	166	833	0.20	ng/ul#	62
12) Phenanthrene	17.07	178	6907	1.17	ng/ul	96
13) Anthracene	17.18	178	3661	0.64	ng/ul	96
15) Fluoranthene	19.11	202	6830	0.94	ng/ul	97
17) Pyrene	19.47	202	8155	1.22	ng/ul	97
18) Benzo(a)anthracene	21.23	228	4542m	0.80	ng/ul	
19) Chrysene	21.28	228	7690	1.24	ng/ul	95
21) Benzo(b)fluoranthene	22.81	252	5782m	0.90	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2232m	0.36	ng/ul	
23) Benzo(a)pyrene	23.37	252	4269m	0.72	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	2907m	0.41	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	904m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.38	276	3027m	0.50	ng/ul	

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

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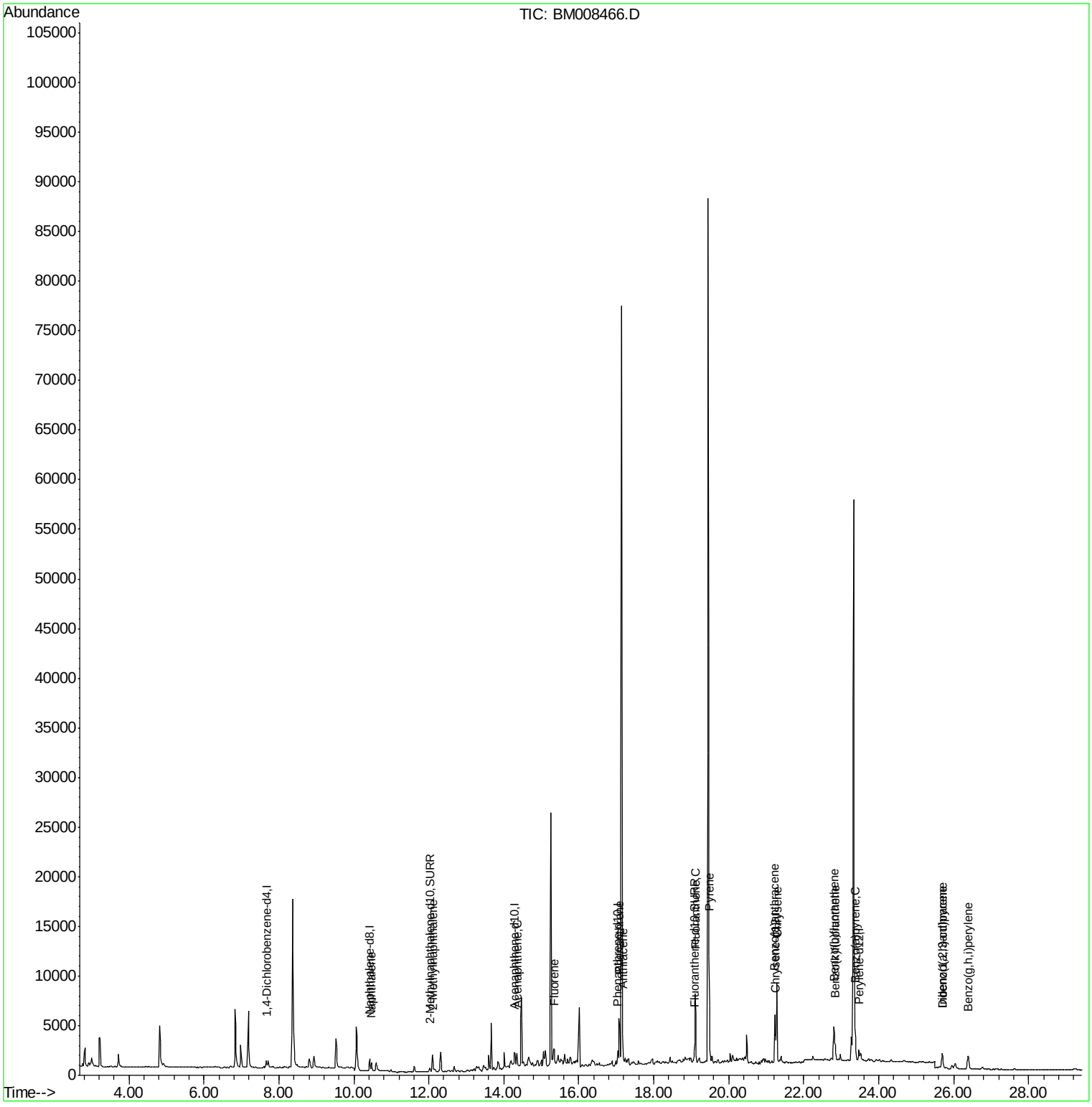
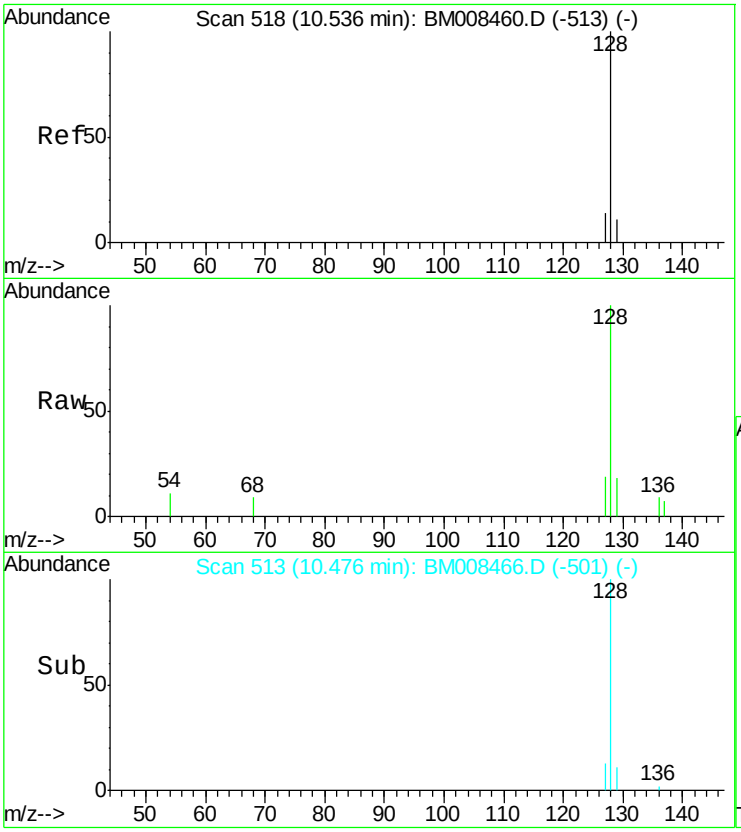
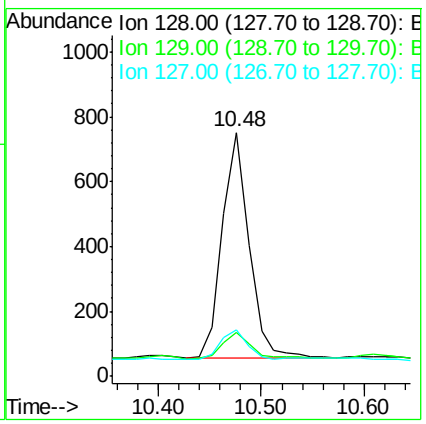




#3
Naphthalene
Concen: 0.26 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.06 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:128 Resp: 1268

Ion	Ratio	Lower	Upper
128	100		
129	17.8	11.3	16.9#
127	18.9	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA823

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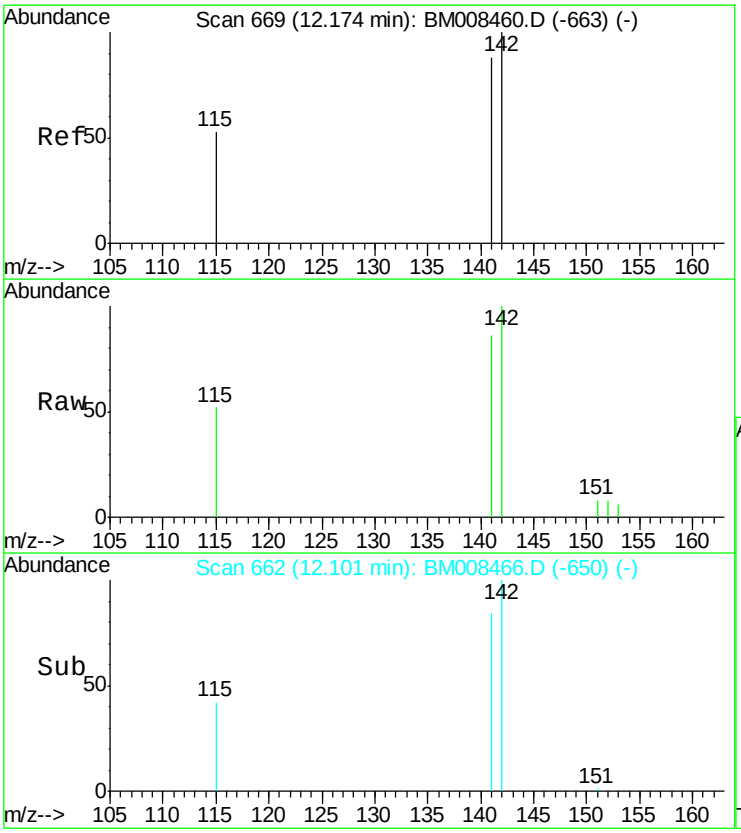
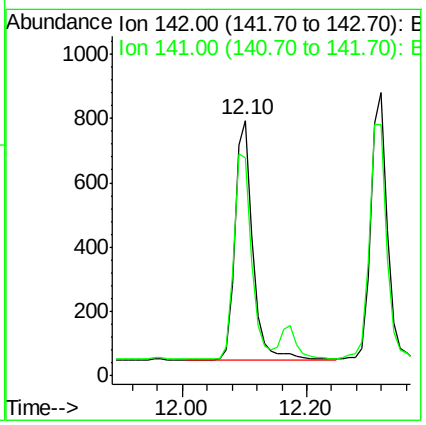
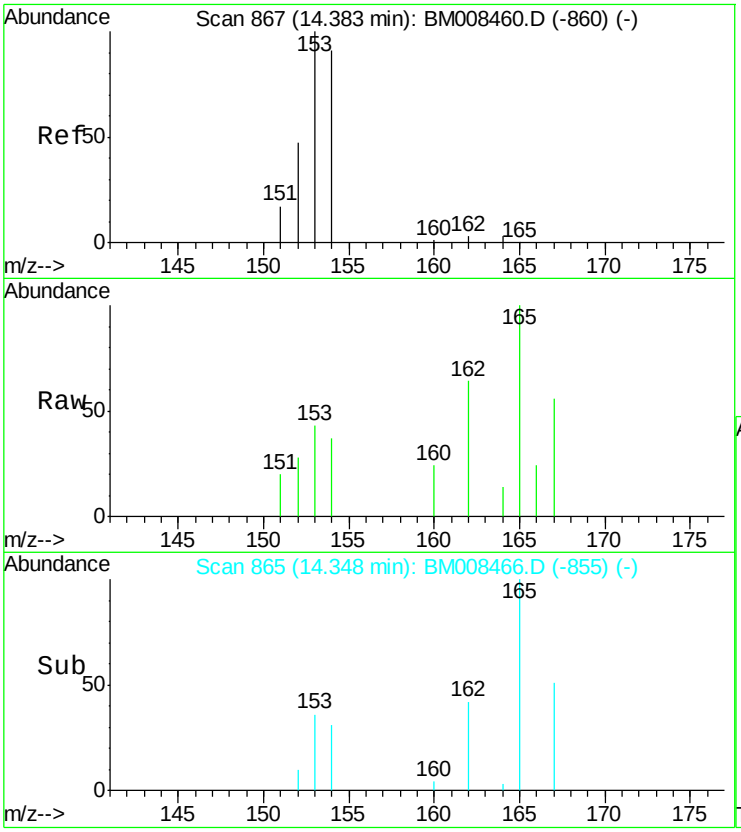


#5
2-Methylnaphthalene
Concen: 0.46 ng/ul
RT: 12.10 min Scan# 662
Delta R.T. -0.07 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:142 Resp: 1488

Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.6	108.8

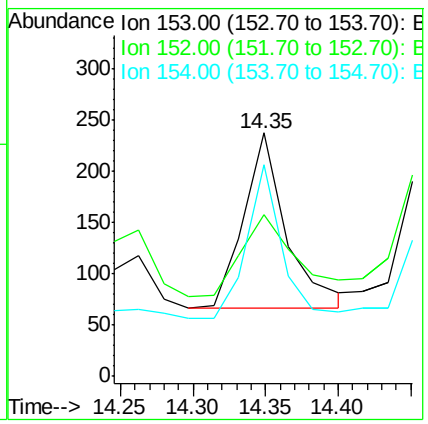




#8
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:153 Resp: 352

Ion	Ratio	Lower	Upper
153	100		
152	66.2	40.3	60.5#
154	86.9	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA823

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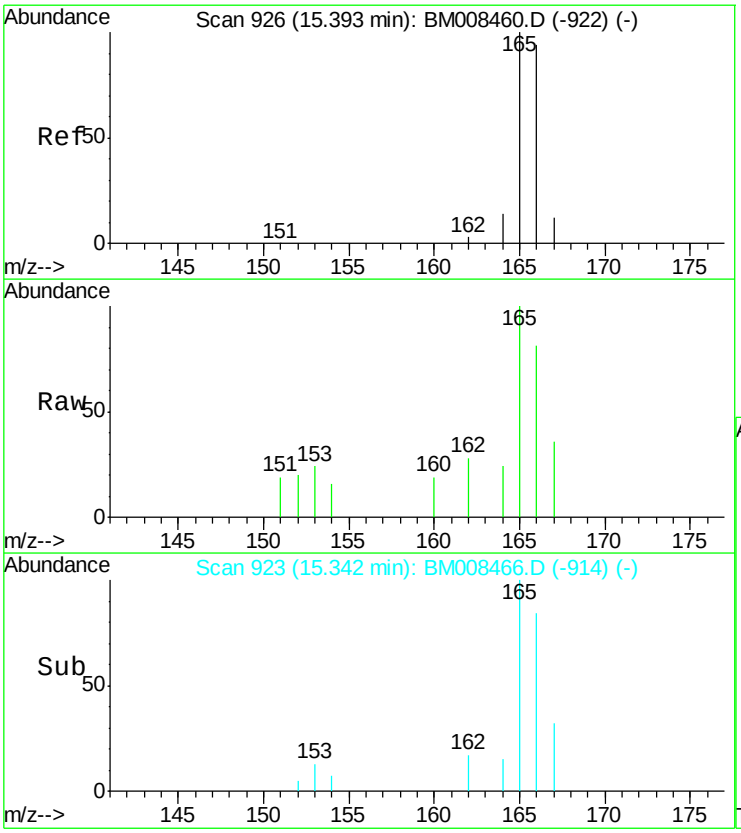
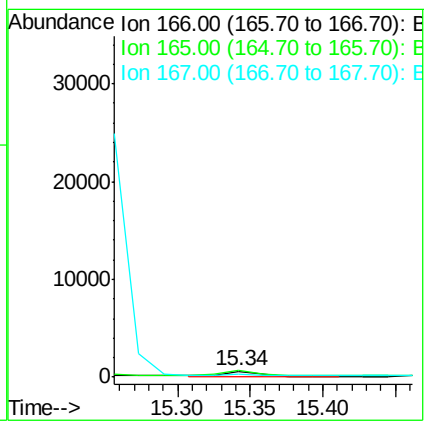
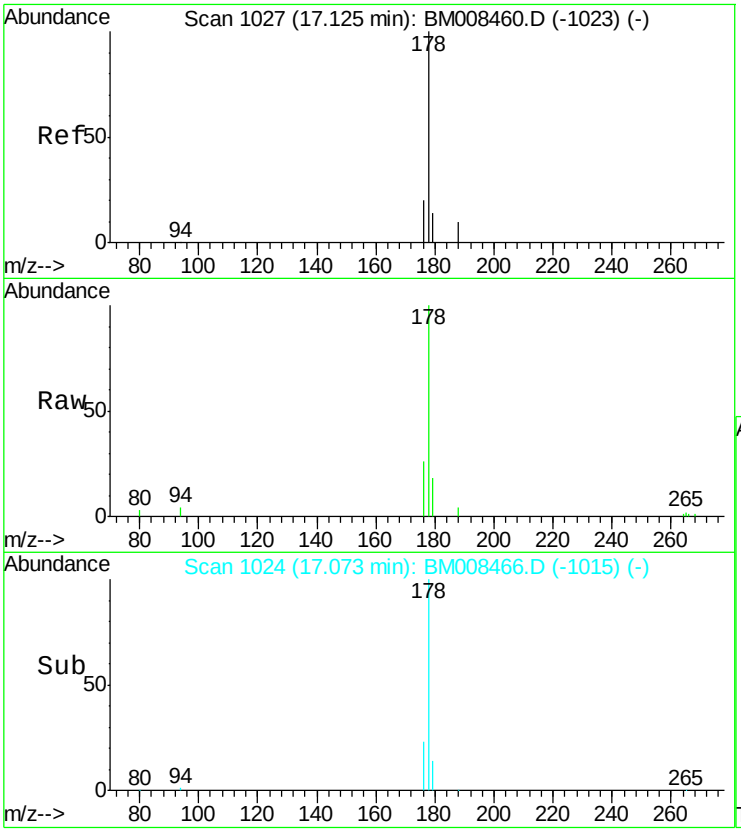


#9
Fluorene
Concen: 0.20 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:166 Resp: 833

Ion	Ratio	Lower	Upper
166	100		
165	124.1	73.4	110.2#
167	45.2	14.6	22.0#

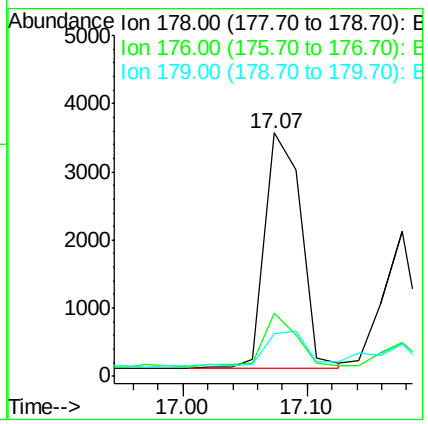




#12
Phenanthrene
Concen: 1.17 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:178 Resp: 6907

Ion	Ratio	Lower	Upper
178	100		
176	25.9	18.4	27.6
179	17.7	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
DA823

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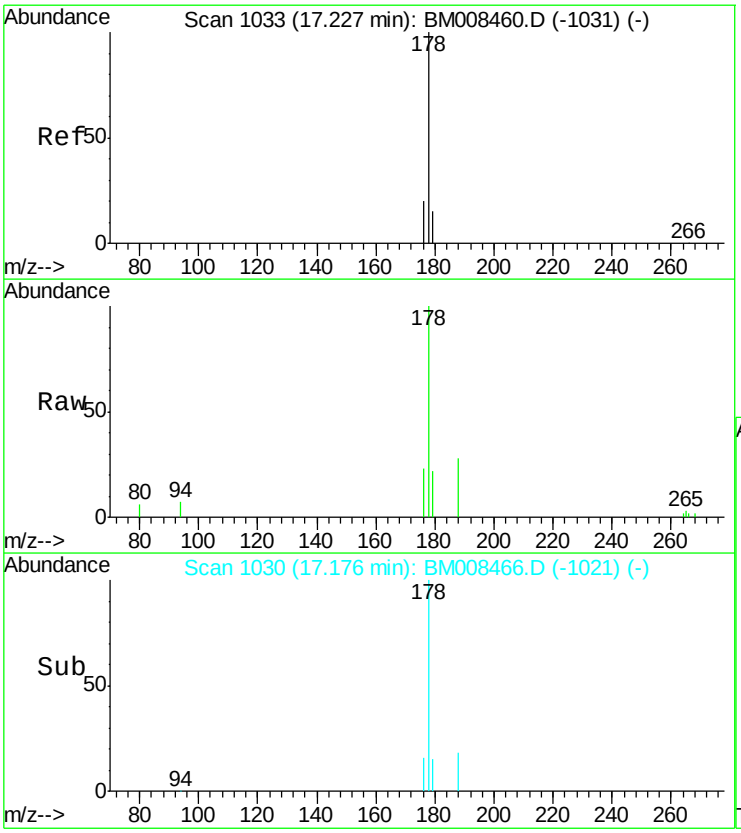
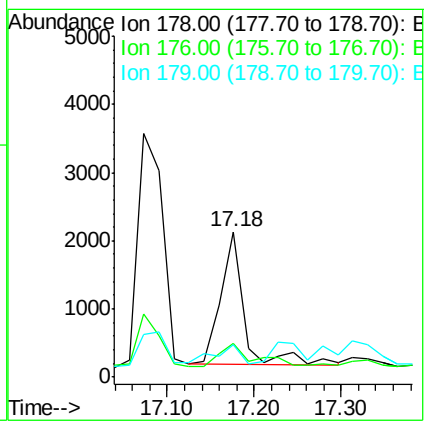
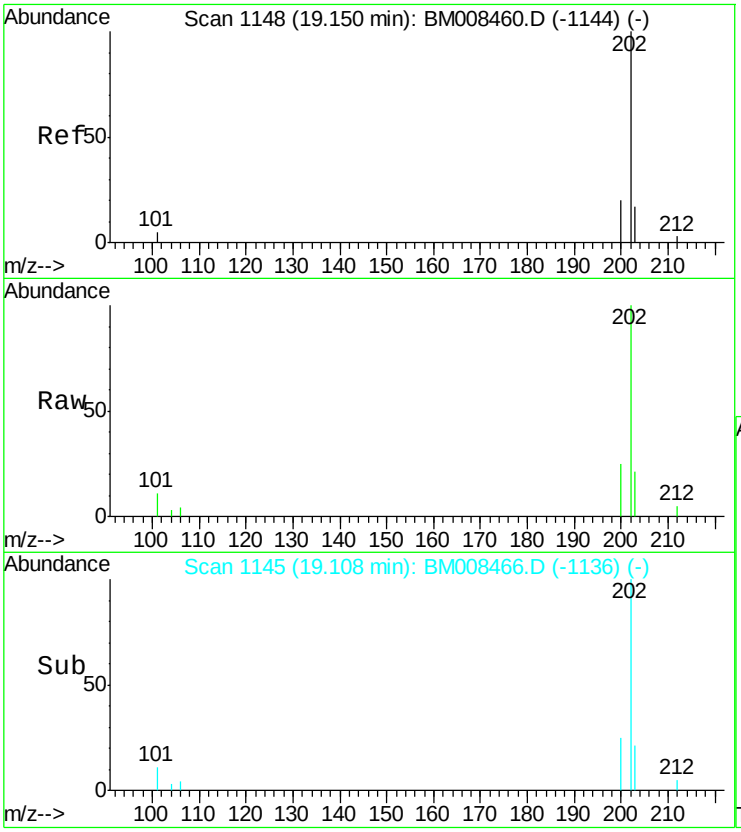


#13
Anthracene
Concen: 0.64 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:178 Resp: 3661

Ion	Ratio	Lower	Upper
178	100		
176	23.4	18.1	27.1
179	21.9	14.7	22.1

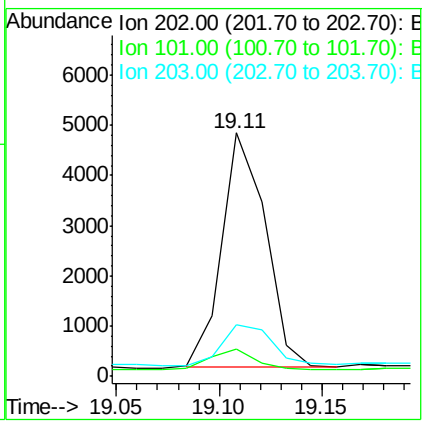




#15
Fluoranthene
Concen: 0.94 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:202 Resp: 6830

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	21.0	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
DA823

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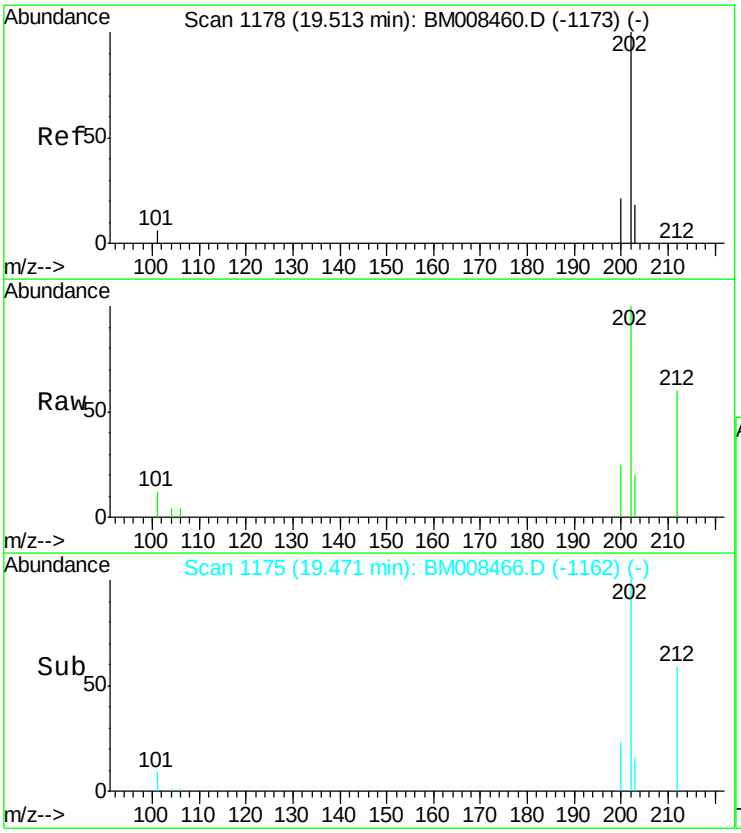
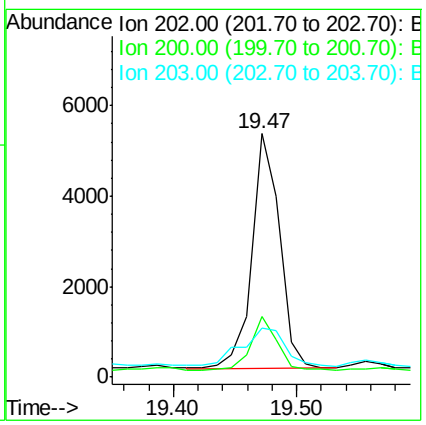
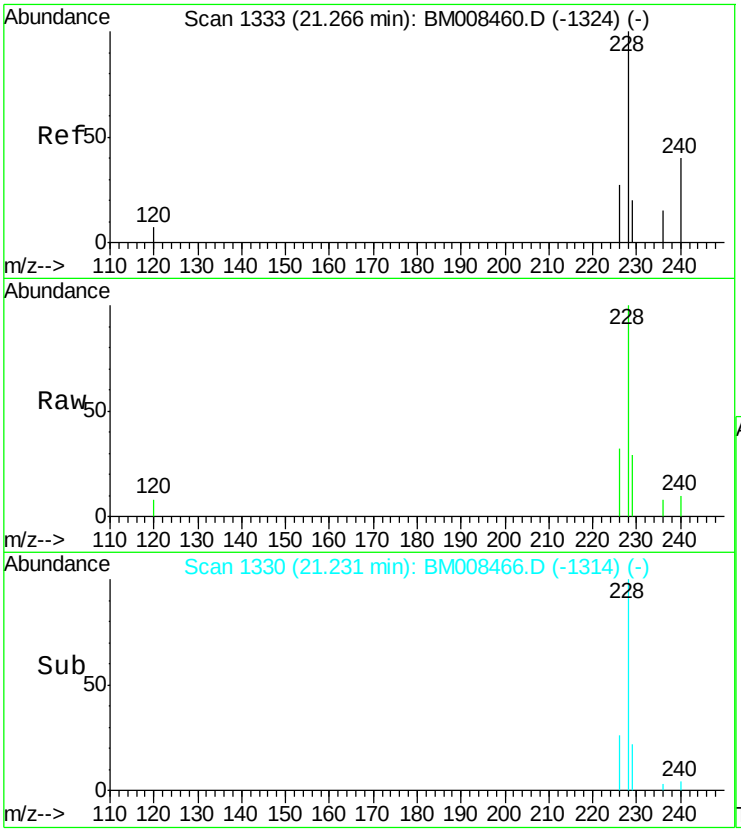


#17
Pyrene
Concen: 1.22 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:202 Resp: 8155

Ion	Ratio	Lower	Upper
202	100		
200	24.7	18.2	27.4
203	20.1	15.6	23.4





#18
Benzo(a)anthracene
Concen: 0.80 ng/ul m
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:228 Resp: 4542

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.8	34.2
229	29.3	17.0	25.6#

Instrument :
BNA_M
ClientSampleId :
DA823

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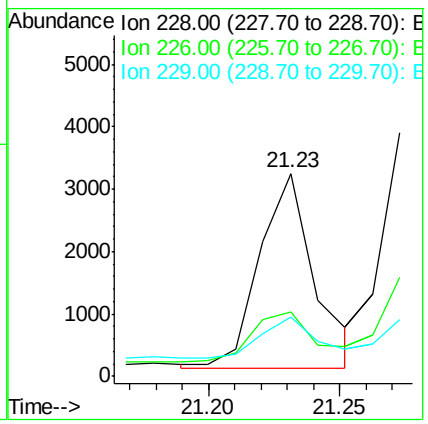
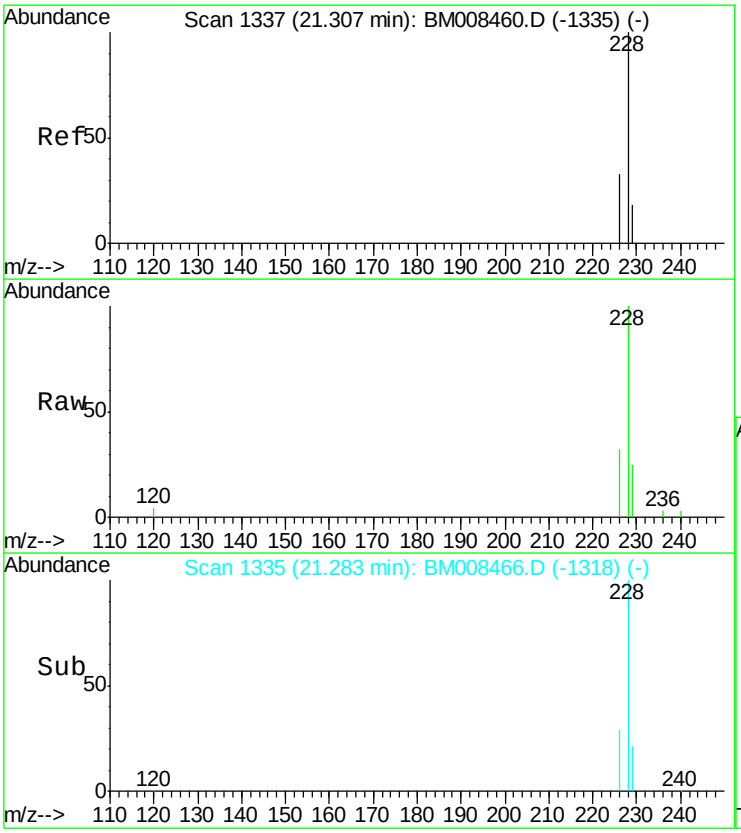
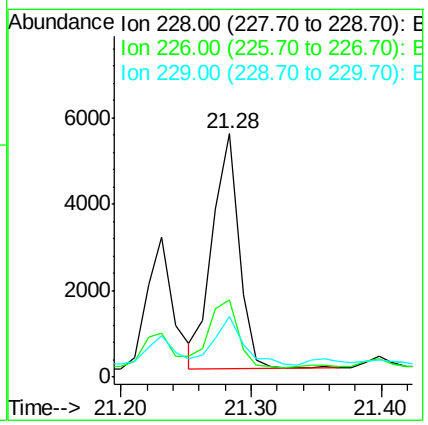


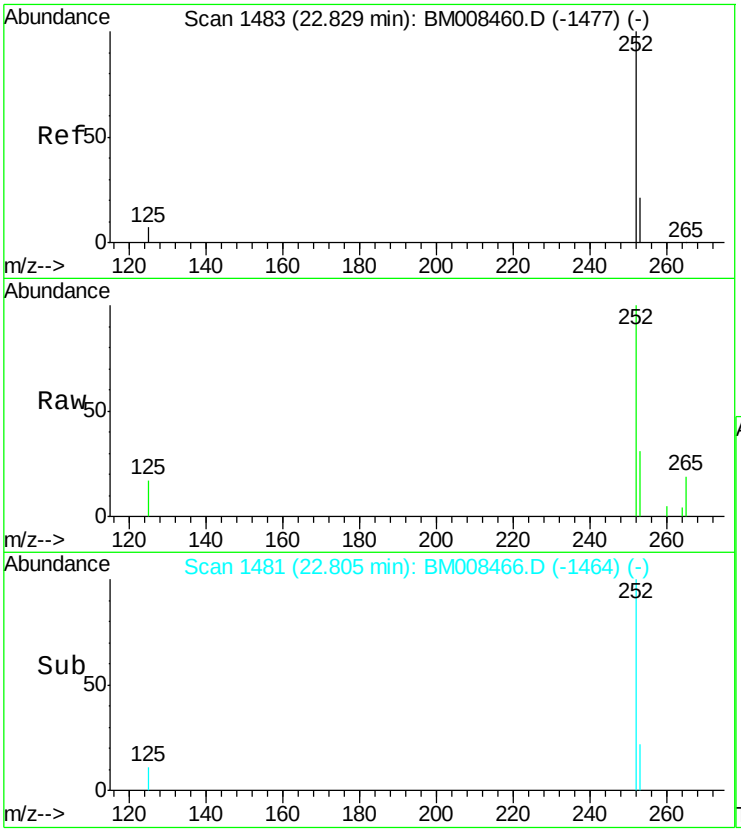


#19
Chrysene
Concen: 1.24 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:228 Resp: 7690

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	24.6	17.7	26.5

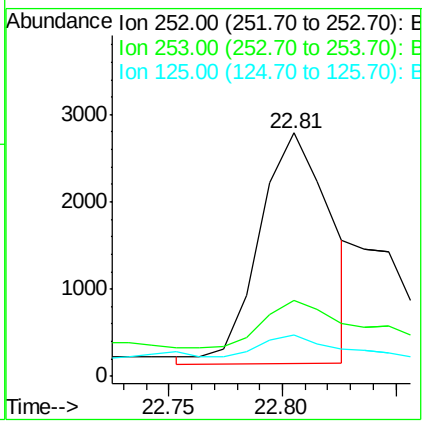




#21
Benzo(b)fluoranthene
Concen: 0.90 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:252 Resp: 5782

Ion	Ratio	Lower	Upper
252	100		
253	31.1	0.0	64.2
125	16.8	0.0	35.0



Instrument :
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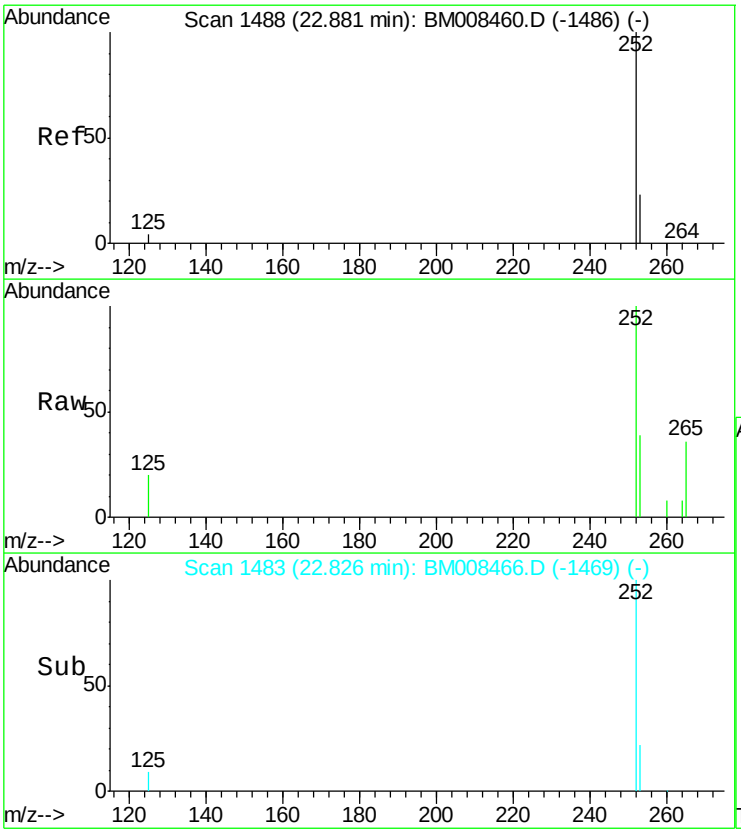
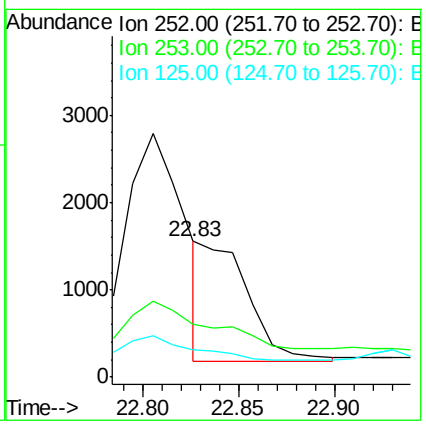
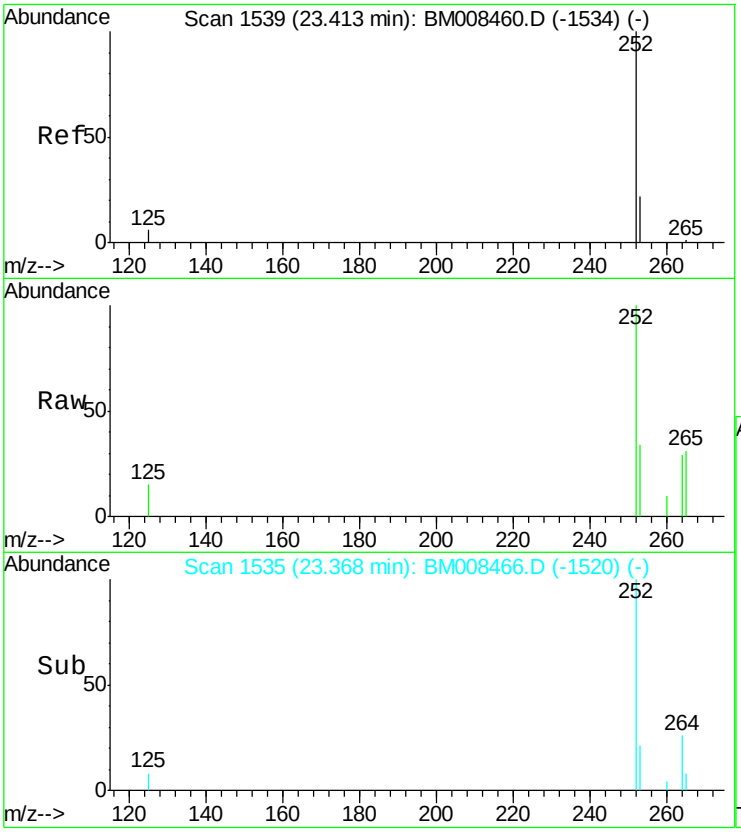


#22
Benzo(k)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.06 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:252 Resp: 2232

Ion	Ratio	Lower	Upper
252	100		
253	39.5	24.5	36.7#
125	19.7	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.72 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:252 Resp: 4269

Ion	Ratio	Lower	Upper
252	100		
253	33.5	28.5	42.7
125	15.2	18.1	27.1#

Instrument :
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ClientSampleId :
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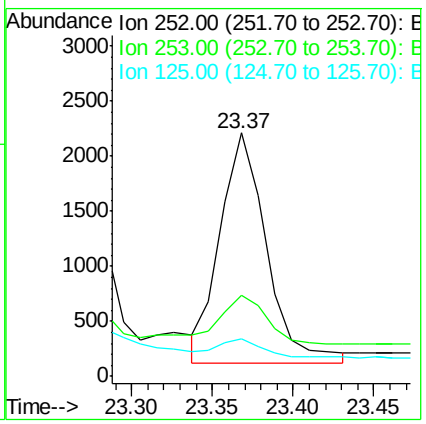
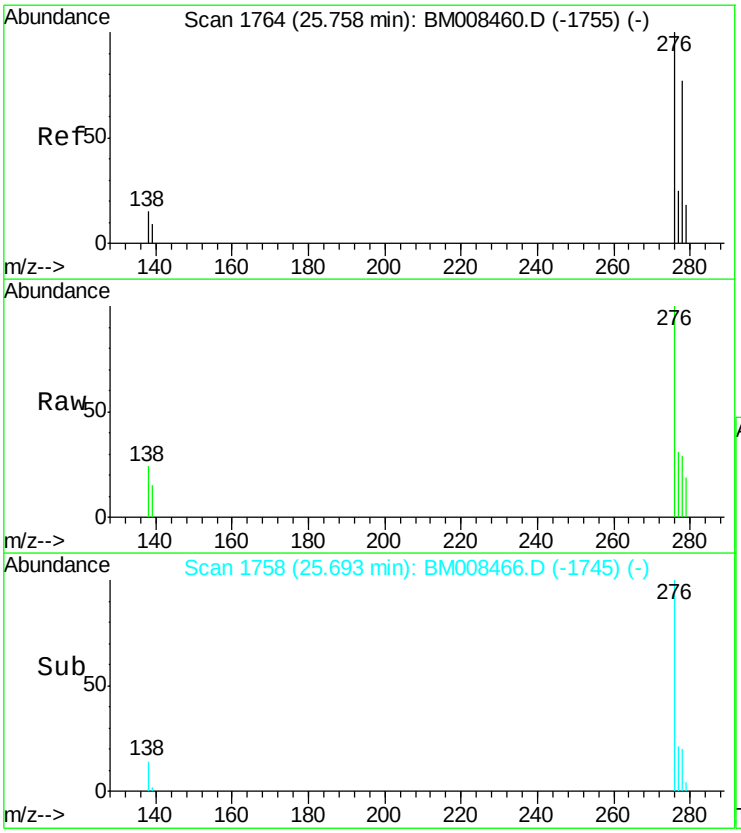
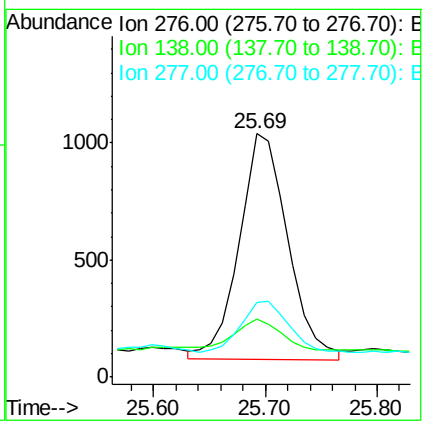


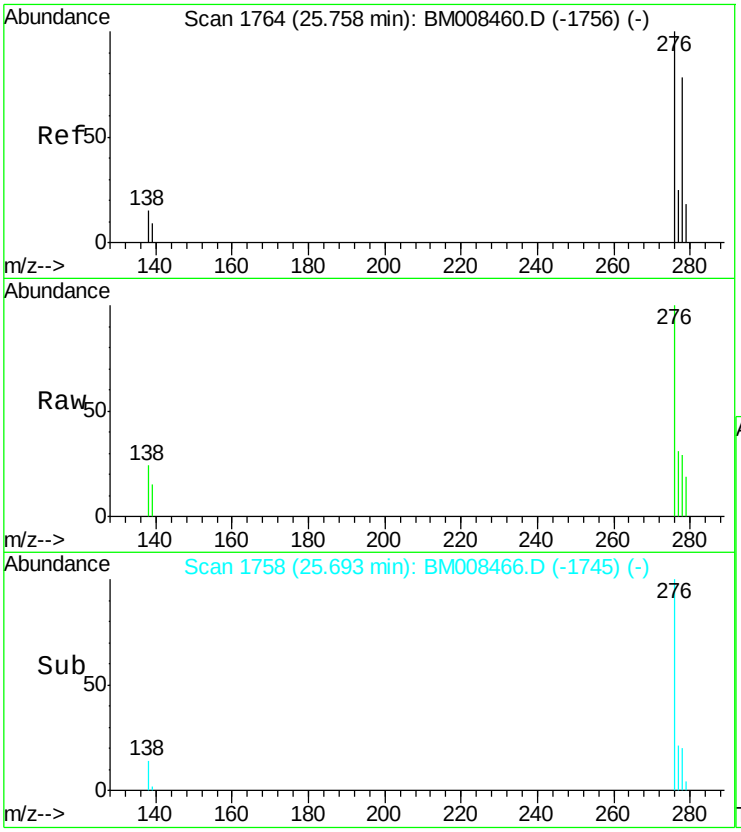


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul m
RT: 25.69 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:276 Resp: 2907

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.16 ng/ul m
RT: 25.69 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:278 Resp: 904

Ion	Ratio	Lower	Upper
278	100		
139	52.6	17.4	26.0#
279	65.6	25.9	38.9#

Instrument :
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ClientSampleId :
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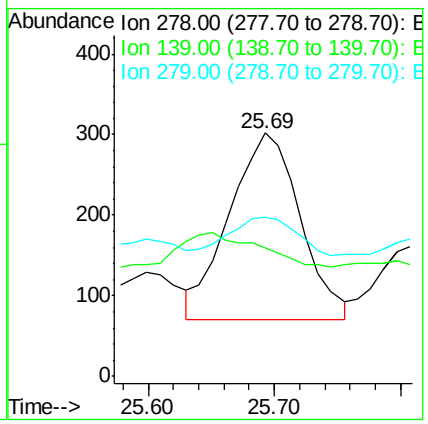

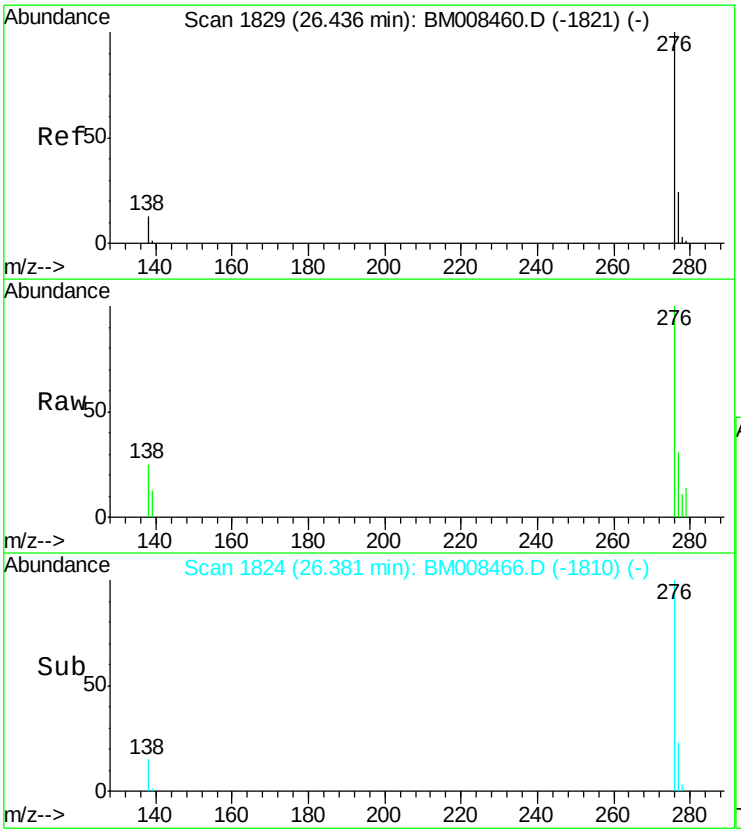

#26
Benzo(g,h,i)perylene
Concen: 0.50 ng/ul m
RT: 26.38 min Scan# 1824
Delta R.T. -0.06 min
Lab File: BM008466.D
Acq: 20 Dec 2016 05:59

Tgt Ion:276 Resp: 3027

Ion	Ratio	Lower	Upper
276	100		
277	30.8	21.8	32.8
138	25.3	20.5	30.7